

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109888.D
 Acq On : 15 Oct 2018 19:26
 Operator : JU/SJ
 Sample : PB113836BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113836BSD

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:31 AM

Quant Time: Oct 16 01:41:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	243248	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	945797	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	433318	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	770509	20.00	ng	0.00
76) Chrysene-d12	14.15	240	456310	20.00	ng	0.00
87) Perylene-d12	15.67	264	511213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1603820	104.51	ng	0.01
7) Phenol-d6	6.60	99	2029502	106.51	ng	0.00
23) Nitrobenzene-d5	7.54	82	1235617	88.01	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	437143	116.52	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2167076	79.80	ng	0.00
79) Terphenyl-d14	13.09	244	1826016	84.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	265055	30.411	ng	92
3) Pyridine	3.66	79	752382	38.720	ng	90
4) n-Nitrosodimethylamine	3.62	42	365390	46.096	ng	# 99
6) Aniline	6.64	93	536023	20.874	ng	# 52
8) 2-Chlorophenol	6.76	128	721603	41.980	ng	98
9) Benzaldehyde	6.53	77	357623	28.880	ng	100
10) Phenol	6.61	94	839555	40.808	ng	# 62
11) bis(2-Chloroethyl)ether	6.71	93	697268	40.534	ng	92
12) 1,3-Dichlorobenzene	6.92	146	757675	40.198	ng	95
13) 1,4-Dichlorobenzene	6.99	146	764409	40.269	ng	98
14) 1,2-Dichlorobenzene	7.15	146	708443	40.528	ng	99
15) Benzyl Alcohol	7.11	79	619832	42.281	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1165508	41.280	ng	67
17) 2-Methylphenol	7.22	107	598604	43.186	ng	# 81
18) Hexachloroethane	7.49	117	280747	41.851	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	489454	40.005	ng	96
20) 3+4-Methylphenols	7.37	107	737692	41.940	ng	# 89
22) Acetophenone	7.39	105	968072	44.136	ng	98
24) Nitrobenzene	7.56	77	729462	47.826	ng	96
25) Isophorone	7.80	82	1365547	49.499	ng	95
26) 2-Nitrophenol	7.87	139	339369	53.664	ng	92
27) 2,4-Dimethylphenol	7.90	122	677021	50.950	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	877550	46.350	ng	99
29) 2,4-Dichlorophenol	8.11	162	588490	45.653	ng	100
30) 1,2,4-Trichlorobenzene	8.20	180	625364	43.328	ng	96
31) Naphthalene	8.28	128	2019392	46.561	ng	99
32) Benzoic acid	7.99	122	210918	25.475	ng	93
33) 4-Chloroaniline	8.32	127	196677	10.088	ng	99
34) Hexachlorobutadiene	8.40	225	336577	42.289	ng	98
35) Caprolactam	8.69	113	196192m	42.855	ng	
36) 4-Chloro-3-methylphenol	8.80	107	617937	45.441	ng	97
37) 2-Methylnaphthalene	8.97	142	1380096	49.142	ng	98
38) 1-Methylnaphthalene	9.07	142	1313932	48.283	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	561109	42.041	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	679607	105.498	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	394202	47.235	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	408553	47.168	nq	94
46) 1,1'-Biphenyl	9.44	154	1610105	41.705	nq	97
47) 2-Chloronaphthalene	9.46	162	1238072	43.536	nq	97
48) 2-Nitroaniline	9.56	65	374404	51.303	nq	97
49) Acenaphthylene	9.89	152	1941400	46.993	nq	97
50) Dimethylphthalate	9.73	163	1401921	45.691	nq	98
51) 2,6-Dinitrotoluene	9.80	165	305430	52.410	nq	95
52) Acenaphthene	10.06	154	1247329	47.424	nq	99
53) 3-Nitroaniline	9.96	138	128133	18.075	nq	98
54) 2,4-Dinitrophenol	10.07	184	150799	81.091	nq	# 79
55) Dibenzofuran	10.23	168	1685971	44.947	nq	97
56) 4-Nitrophenol	10.12	139	505960	93.538	nq	87
57) 2,4-Dinitrotoluene	10.20	165	385530	51.953	nq	# 89
58) Fluorene	10.57	166	1266426	46.380	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	327937	47.772	nq	95
60) Diethylphthalate	10.44	149	1343612	44.337	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	599114	42.121	nq	97
62) 4-Nitroaniline	10.59	138	297570	44.344	nq	92
63) Azobenzene	10.72	77	1379224	43.565	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	117830	43.165	nq	98
66) n-Nitrosodiphenylamine	10.68	169	1139391	44.399	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	371280	44.463	nq	93
68) Hexachlorobenzene	11.12	284	390026	43.801	nq	# 92
69) Atrazine	11.20	200	370920	46.272	nq	98
70) Pentachlorophenol	11.31	266	347967	68.665	nq	96
71) Phenanthrene	11.54	178	1821853	45.672	nq	99
72) Anthracene	11.59	178	1911144	47.655	nq	99
73) Carbazole	11.74	167	1627127	41.283	nq	99
74) Di-n-butylphthalate	12.06	149	1904483	43.297	nq	99
75) Fluoranthene	12.73	202	1744943	43.789	nq	99
77) Benzidine	12.84	184	430575	24.611	nq	97
78) Pyrene	12.96	202	1727010	51.530	nq	100
80) Butylbenzylphthalate	13.56	149	674967	49.815	nq	98
81) Benzo(a)anthracene	14.14	228	1304577	48.537	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	203452	21.591	nq	98
83) Chrysene	14.18	228	1205544	47.122	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	840074	47.118	nq	96
85) Di-n-octyl phthalate	14.74	149	1325799	52.745	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	1747492	84.835	nq	# 93
88) Benzo(b)fluoranthene	15.22	252	1284338	43.577	nq	97
89) Benzo(k)fluoranthene	15.25	252	1218305	41.938	nq	# 95
90) Benzo(a)pyrene	15.61	252	1304027	48.108	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	1428812	59.478	nq	# 96
92) Benzo(g,h,i)perylene	17.72	276	1492325	61.485	nq	# 94

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

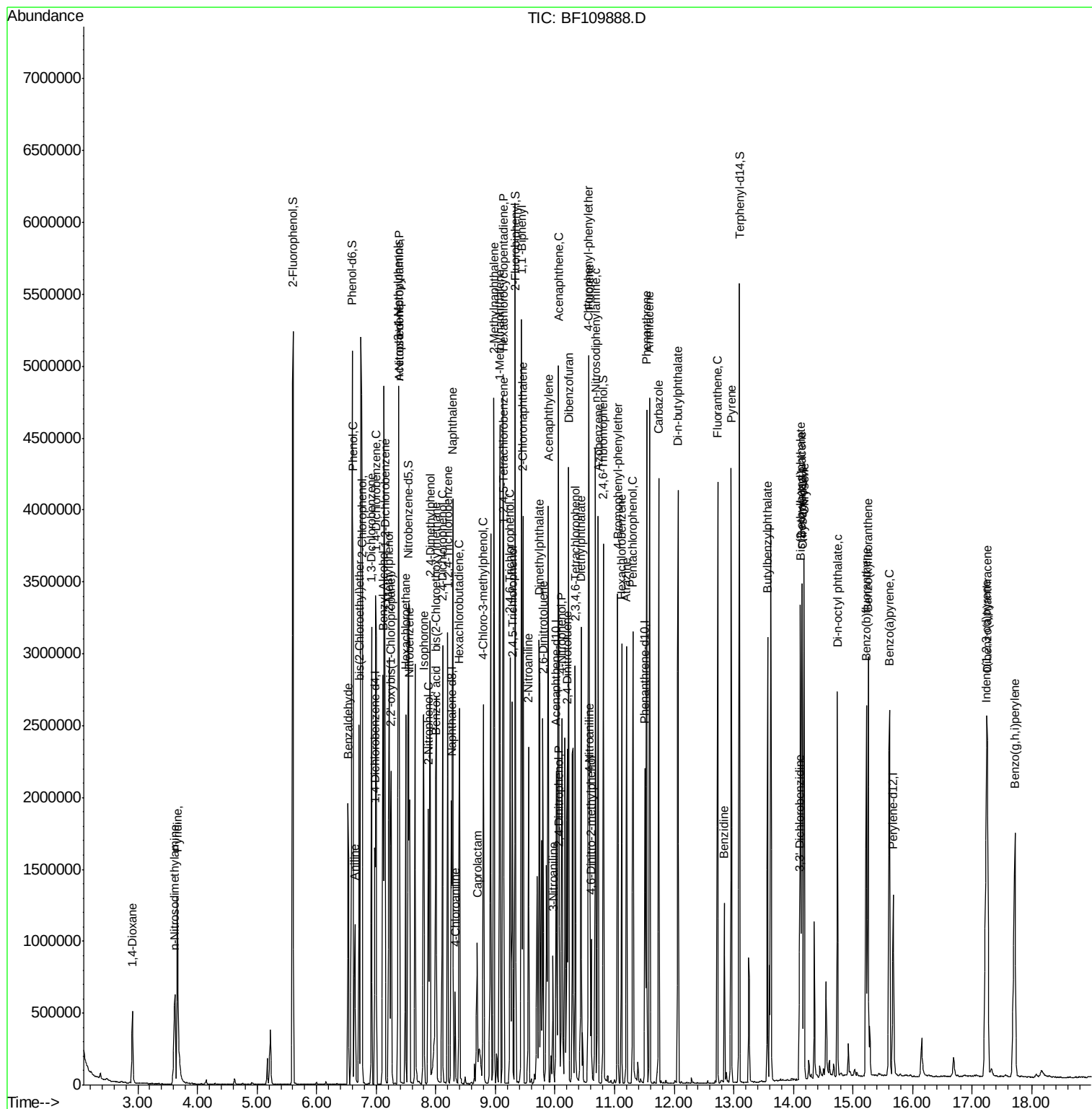
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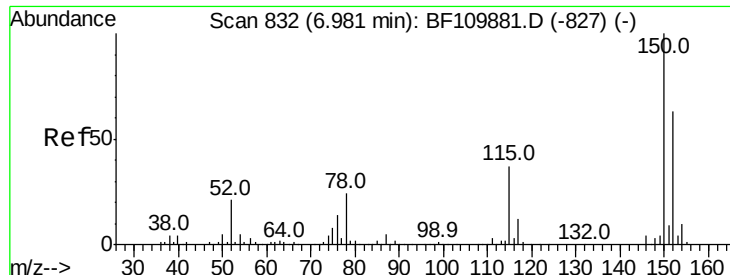
Instrument :
BNA_F
ClientSampled :
PB113836BSD

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#1

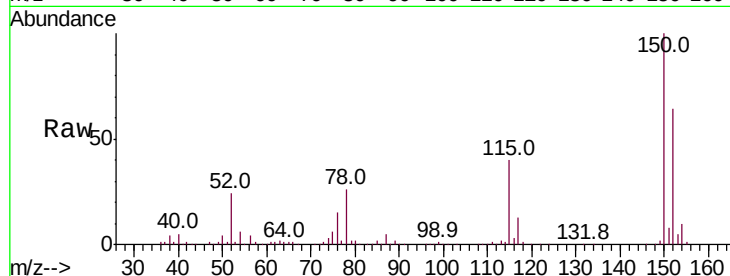
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	62.3	49.1	73.7

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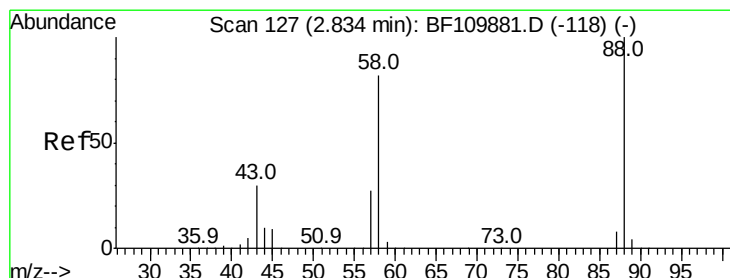
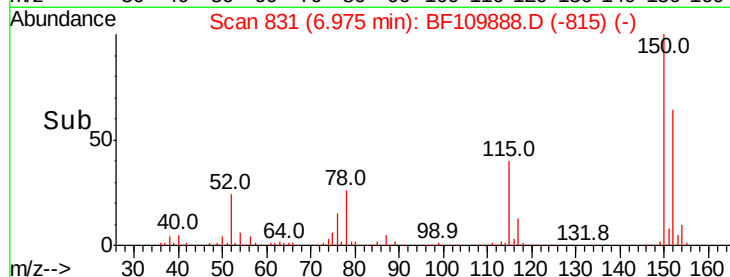
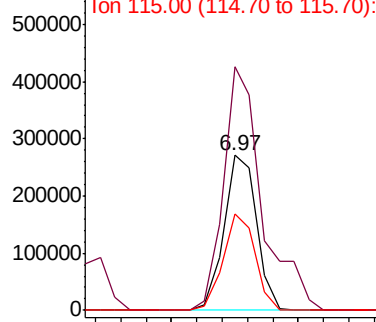


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.411 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.08 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

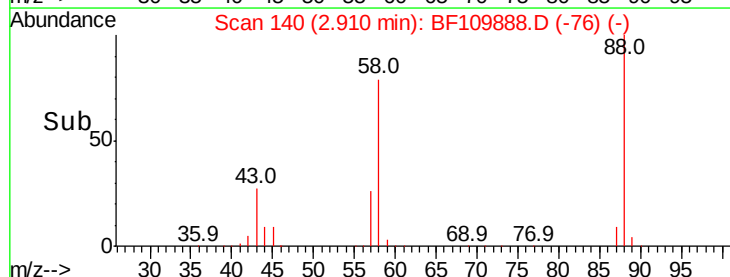
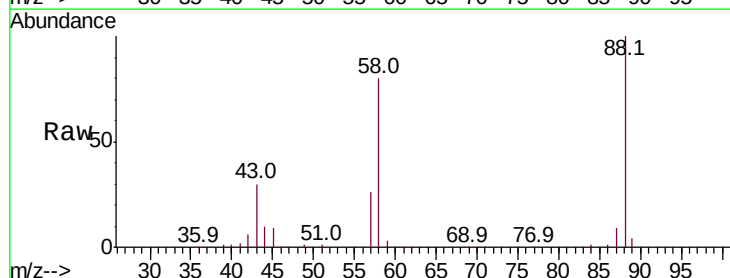
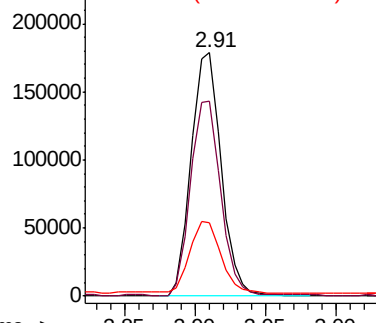
Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	57.1	85.7
43	31.1	24.1	36.1

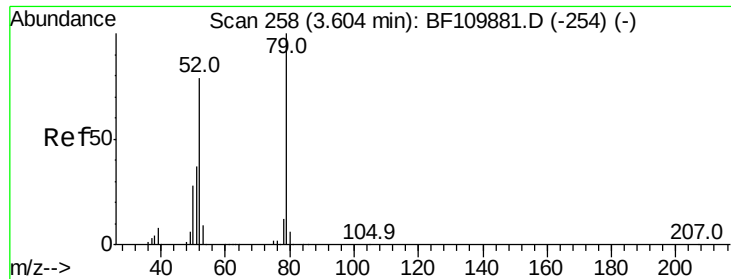
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.720 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

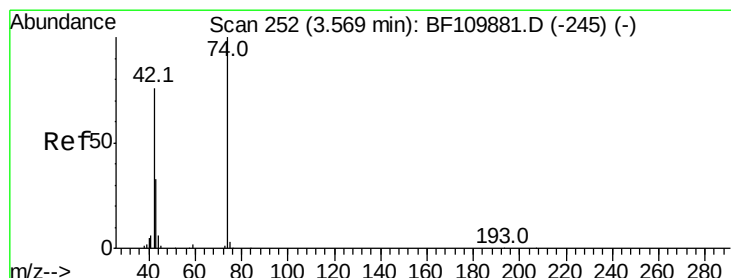
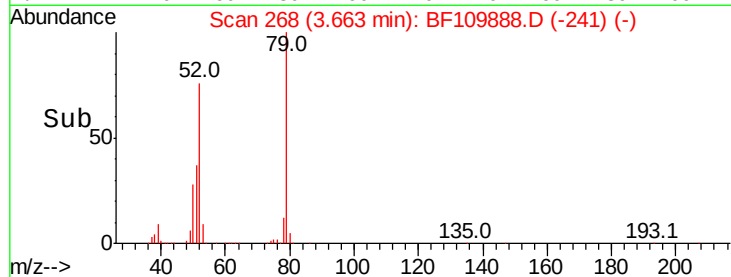
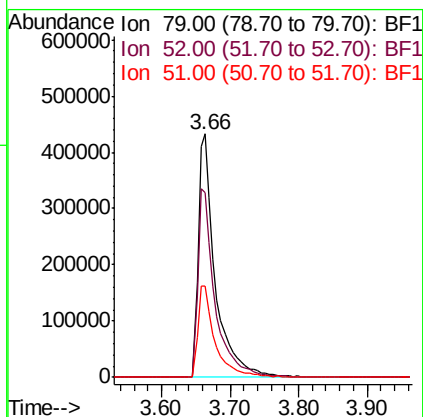
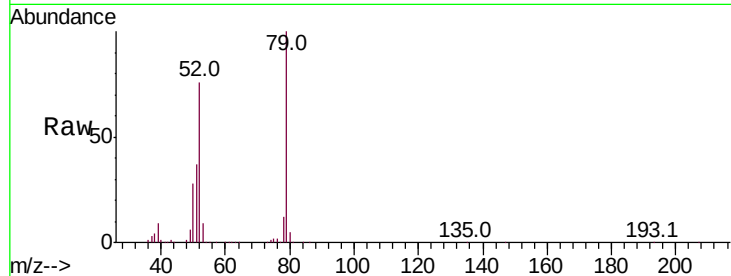
ClientSampleId :

PB113836BSD

Tot Ion:	79	Resp:	752382
Ion Ratio	Lower	Upper	
79	100		
52	75.9	53.1	79.7
51	37.4	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 46.096 ng

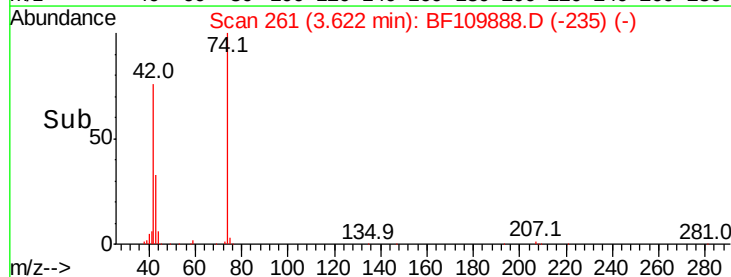
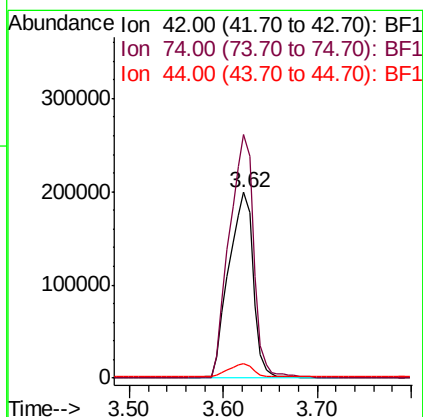
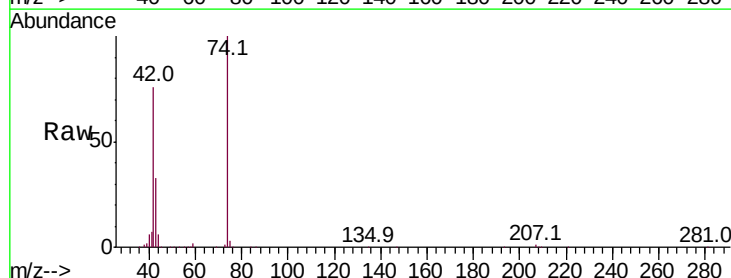
RT: 3.62 min Scan# 261

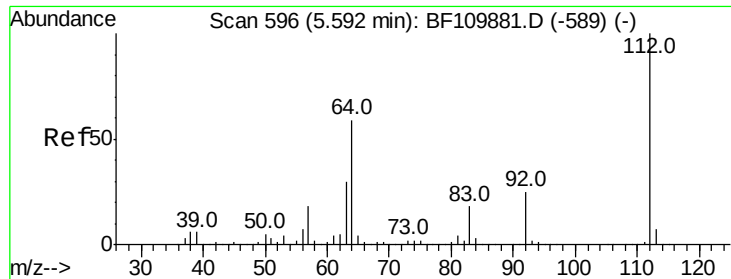
Delta R.T. 0.05 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Tgt Ion:	42	Resp:	365390
Ion Ratio	Lower	Upper	
42	100		
74	131.1	105.5	158.3
44	7.9	4.9	7.3#





#5

2-Fluorophenol

Concen: 104.514 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion:112 Resp: 1603820

Ion Ratio Lower Upper

112 100

64 58.5 44.1 66.1

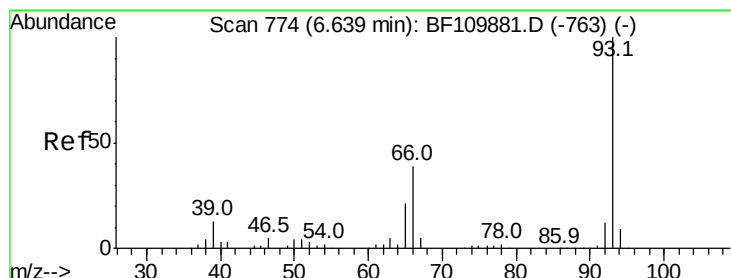
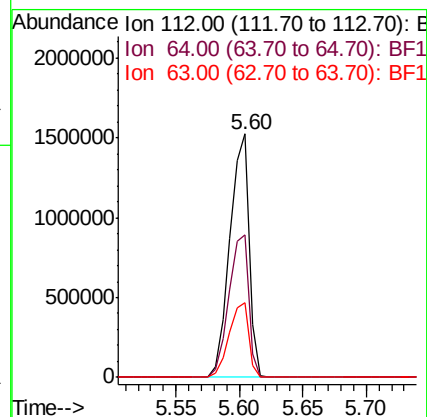
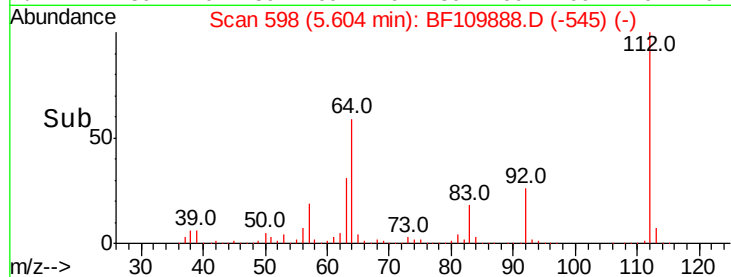
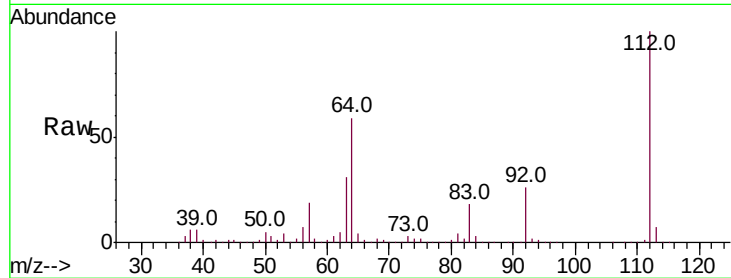
63 30.5 23.7 35.5

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#6

Aniline

Concen: 20.874 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

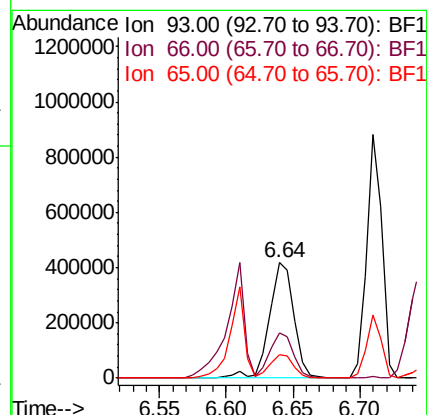
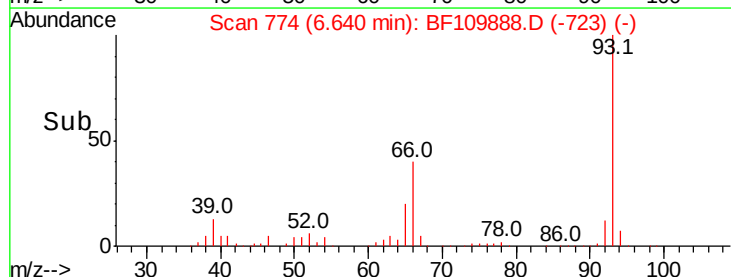
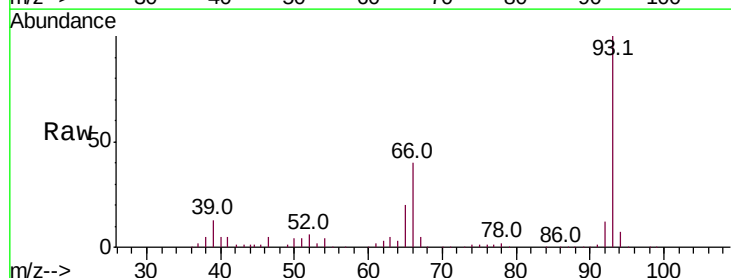
Tgt Ion: 93 Resp: 536023

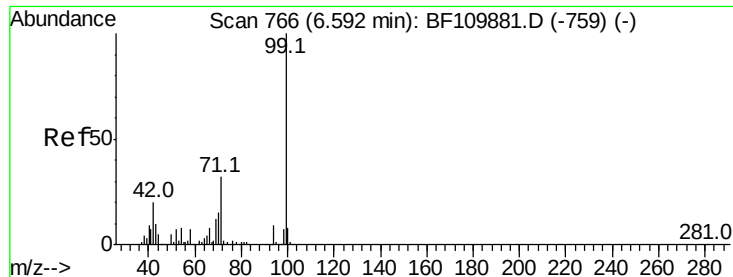
Ion Ratio Lower Upper

93 100

66 39.5 67.4 101.0#

65 20.0 41.0 61.4#





#7

Phenol-d6

Concen: 106.507 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

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Tot Ion: 99 Resp: 2029502

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

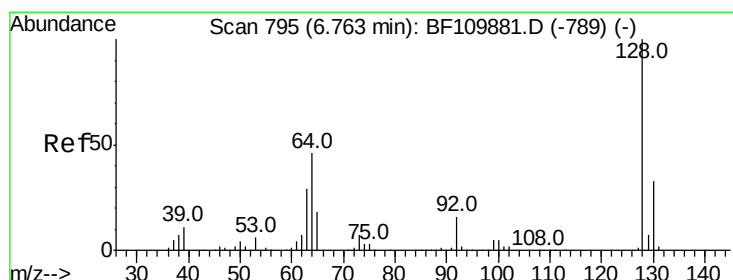
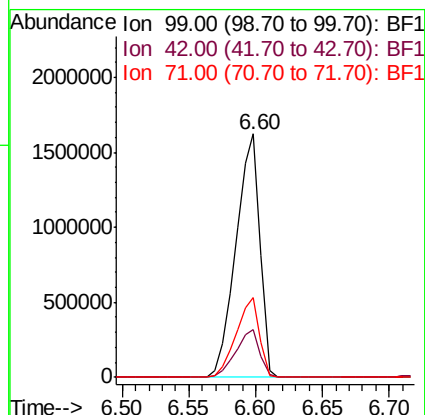
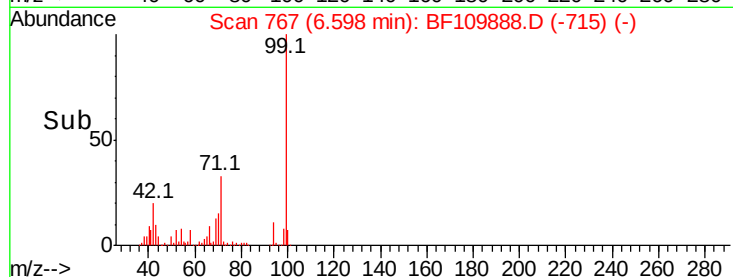
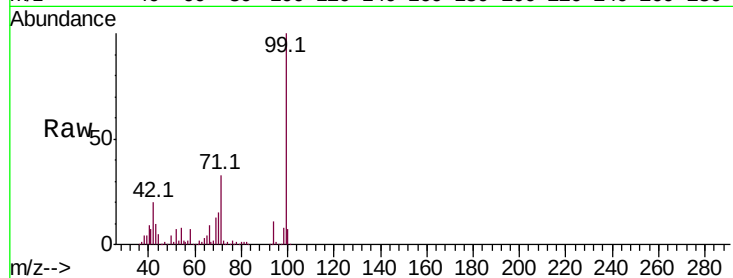
71 32.9 28.0 42.0

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#8

2-Chlorophenol

Concen: 41.980 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

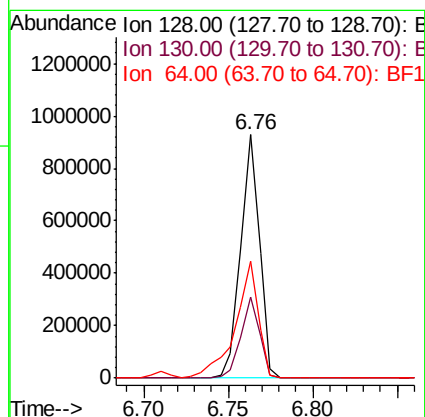
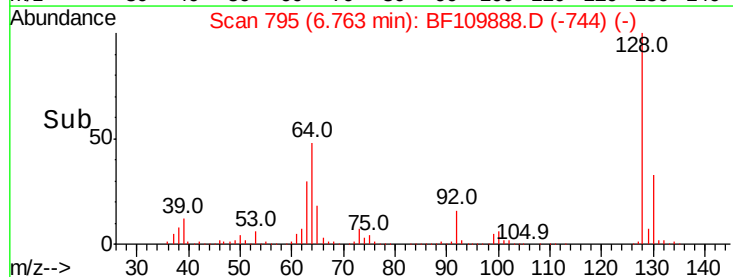
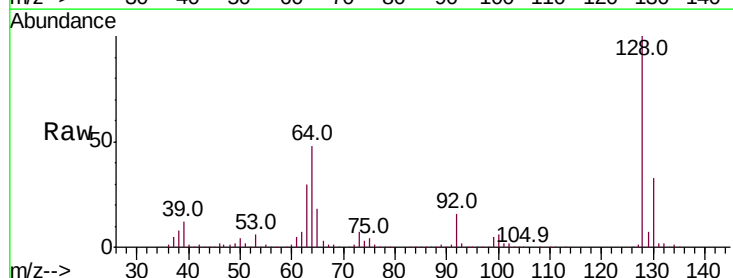
Tgt Ion: 128 Resp: 721603

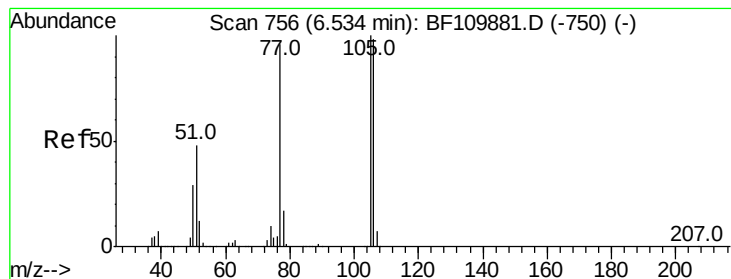
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 47.9 26.0 66.0





#9

Benzaldehyde

Concen: 28.880 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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Instrument :

BNA_F

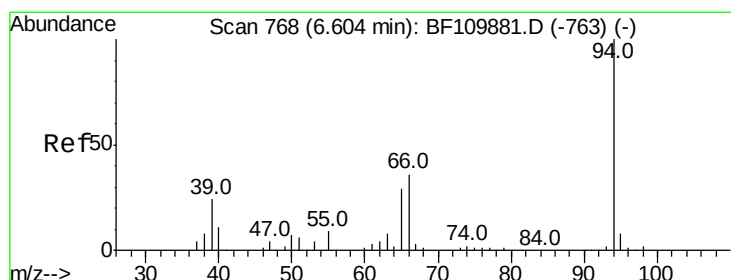
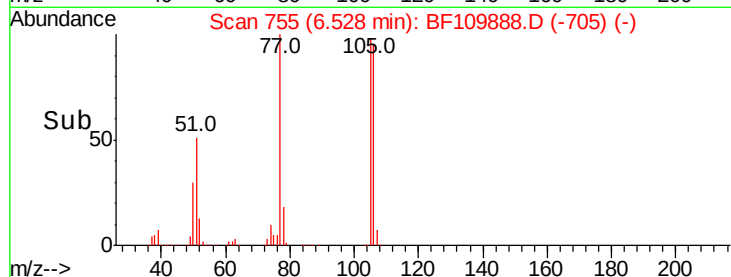
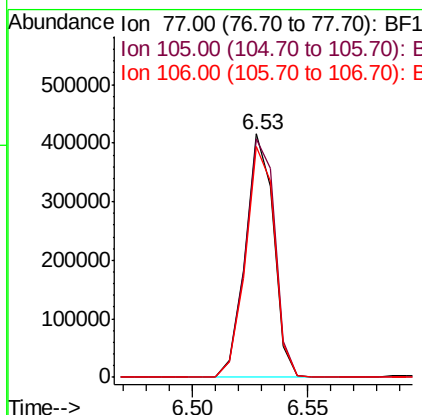
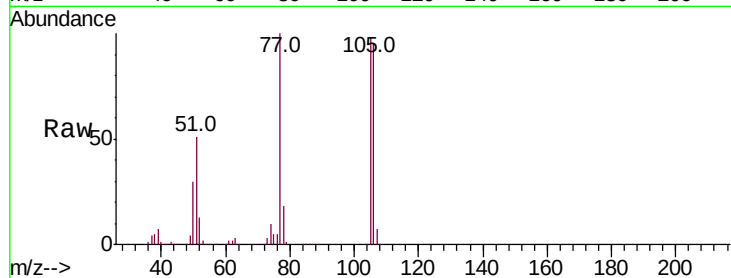
ClientSampleId :

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Tot Ion	77	Resp	357623
Ion	Ratio	Lower	Upper
77	100		
105	98.0	78.6	118.6
106	94.6	74.8	114.8

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#10

Phenol

Concen: 40.808 ng

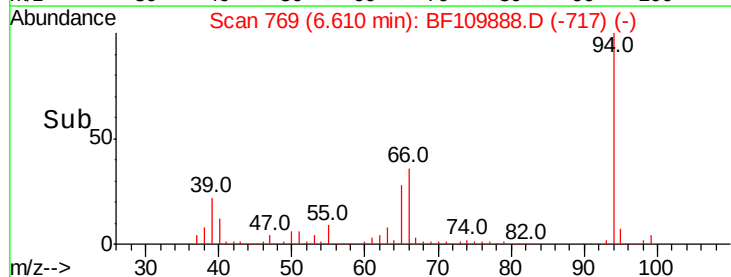
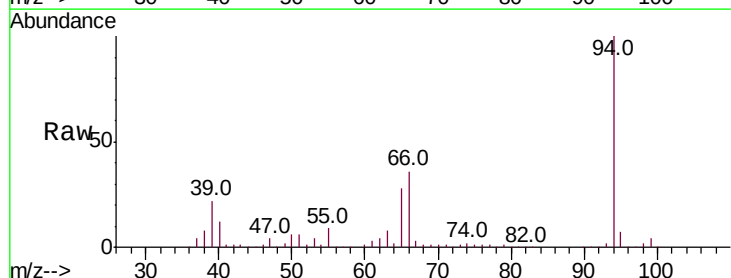
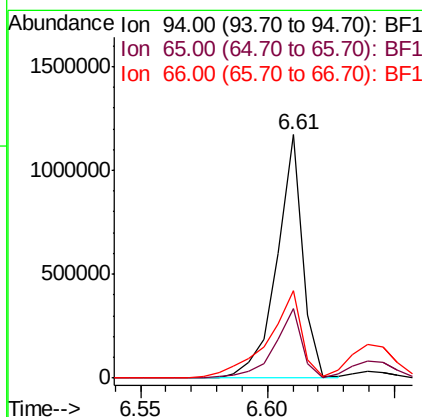
RT: 6.61 min Scan# 769

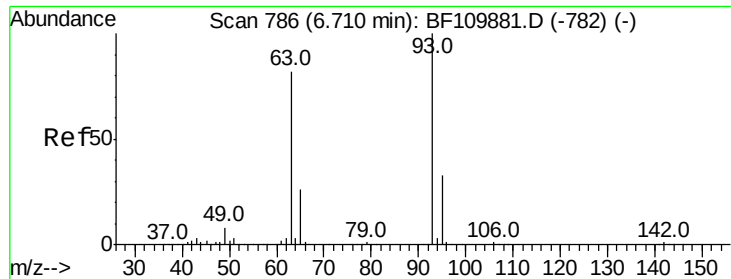
Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Tgt Ion	94	Resp	839555
Ion	Ratio	Lower	Upper
94	100		
65	28.4	25.3	65.3
66	35.7	54.5	94.5#





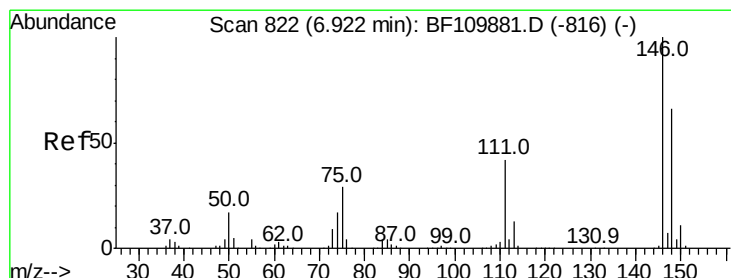
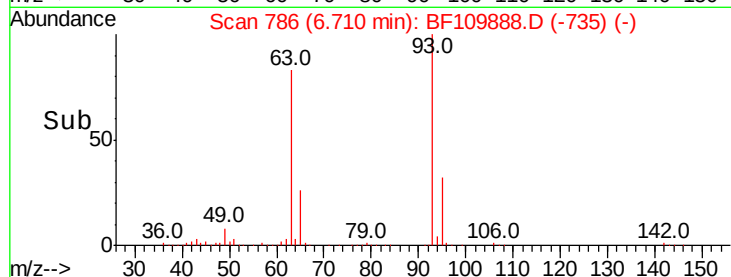
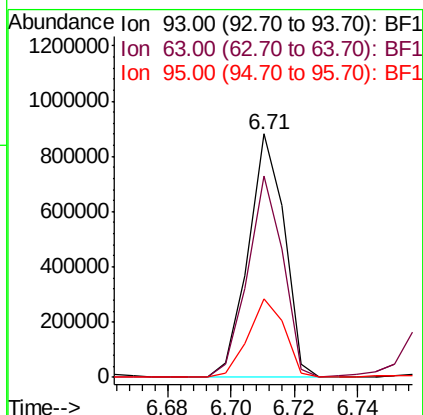
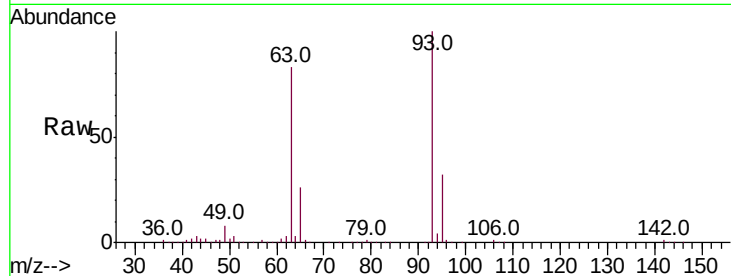
#11
bis(2-Chloroethyl)ether
Concen: 40.534 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.5	53.4	93.4
95	32.1	12.1	52.1

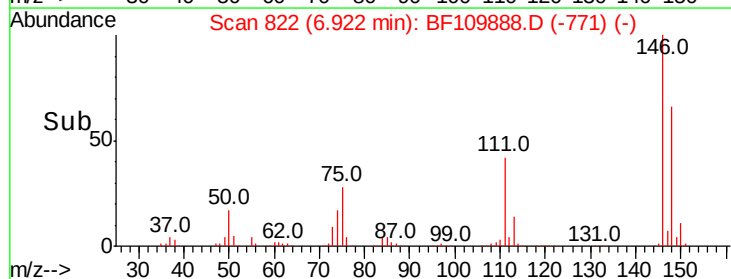
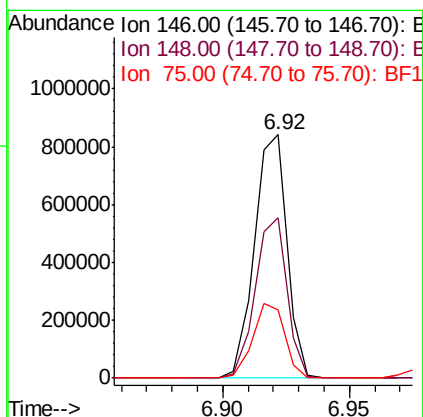
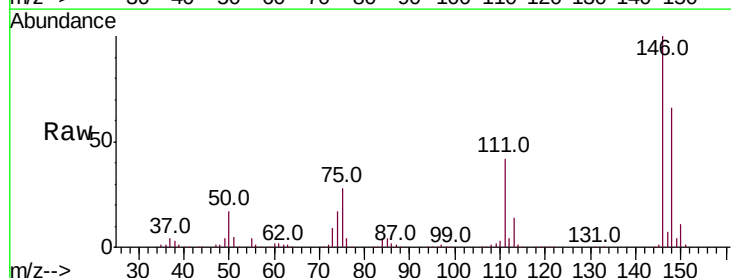
Manual Integrations
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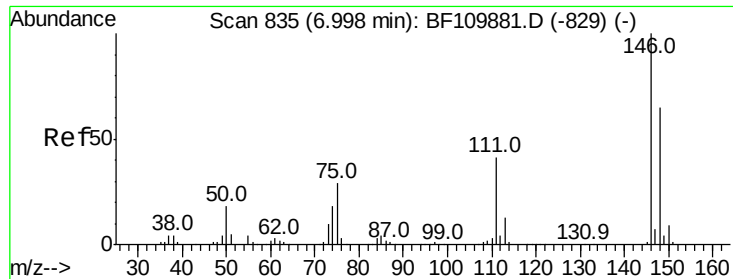
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.198 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.4	75.6
75	28.2	25.8	38.6





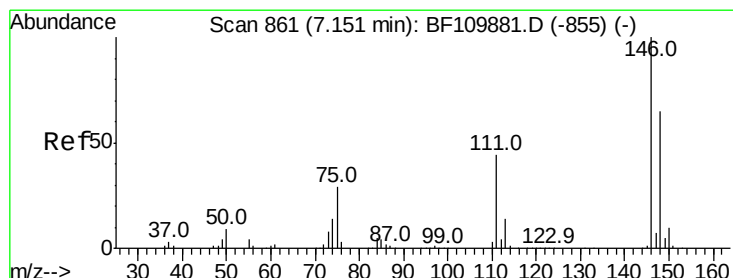
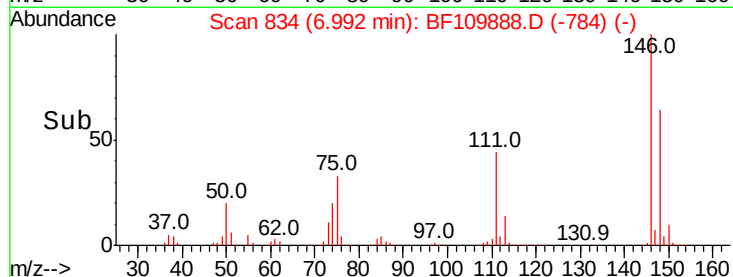
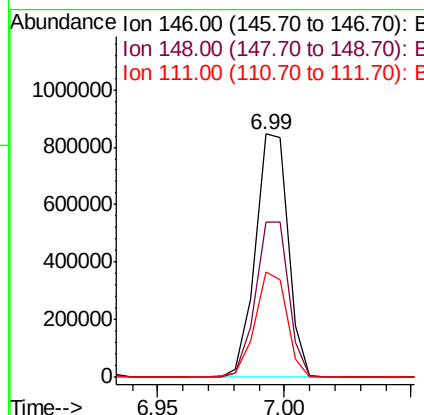
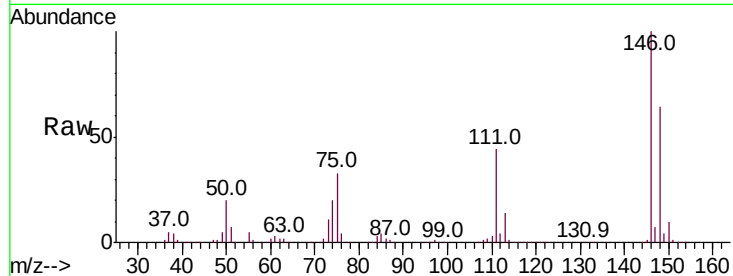
#13
 1,4-Dichlorobenzene
 Concen: 40.269 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113836BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	43.5	32.7	49.1

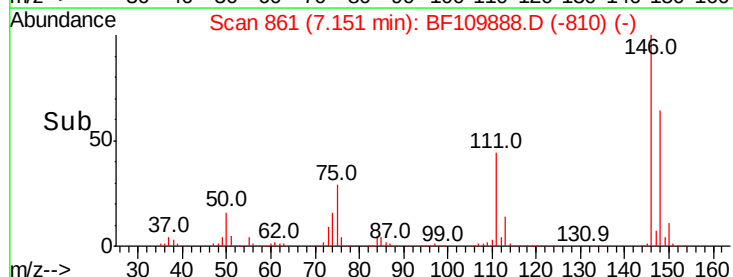
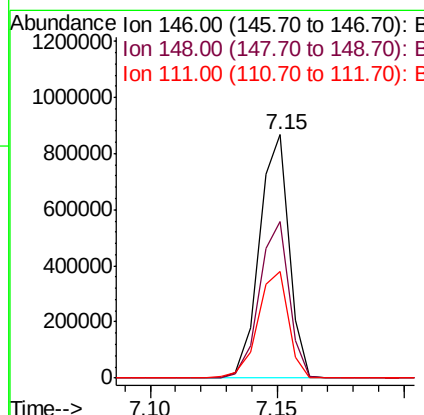
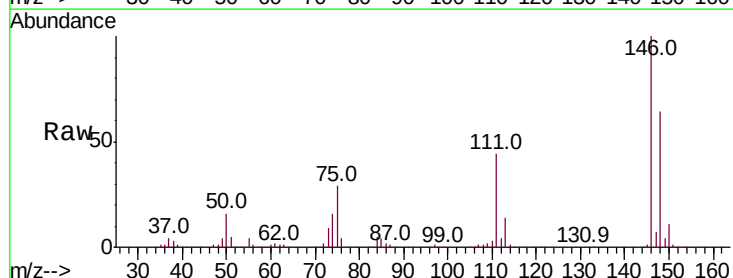
Manual Integrations
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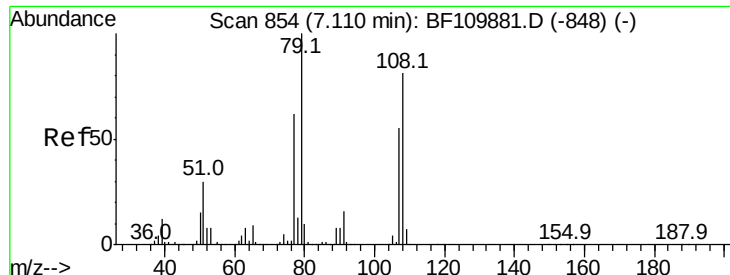
Sohil
 10/16/2018 9:57:31 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.528 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	43.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.281 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion: 79 Resp: 619832

Ion Ratio Lower Upper

79 100

108 79.4 56.3 84.5

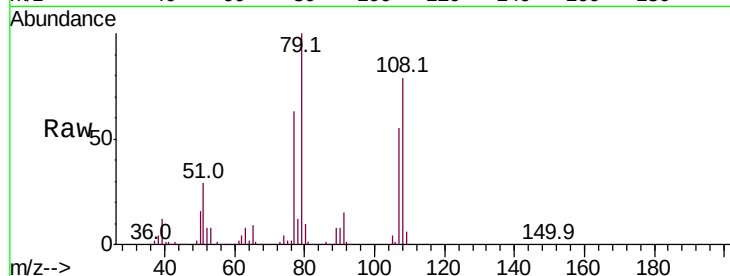
77 63.0 52.9 79.3

Manual Integrations

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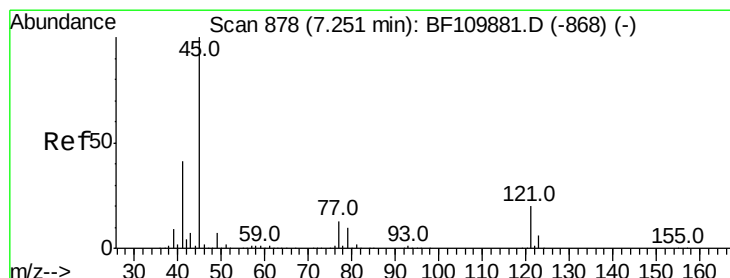
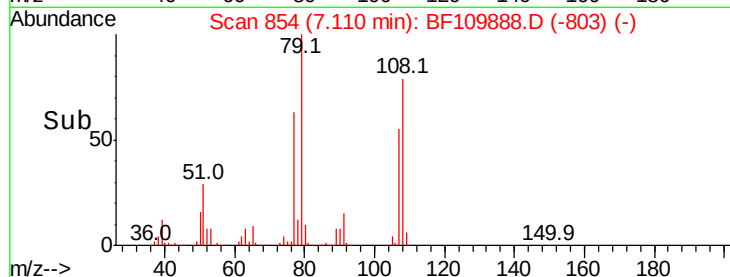
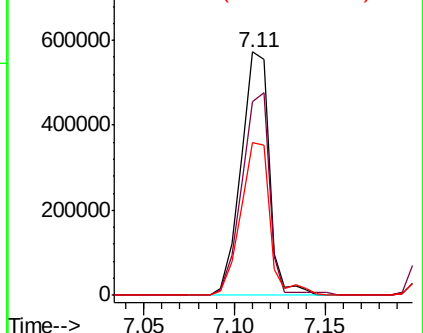
10/16/2018 9:57:31 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.280 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

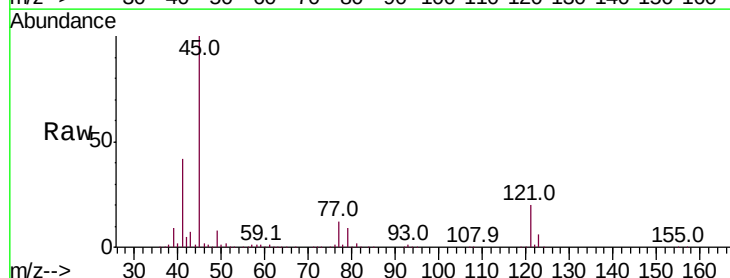
Tgt Ion: 45 Resp: 1165508

Ion Ratio Lower Upper

45 100

77 12.3 10.0 50.0

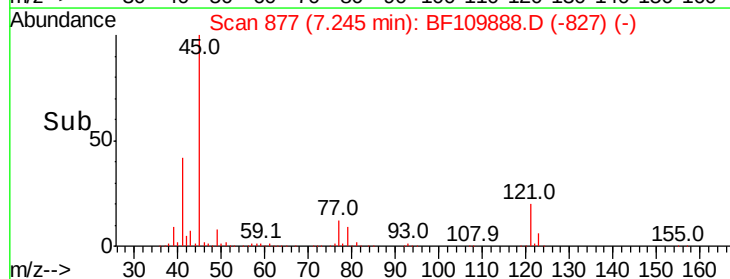
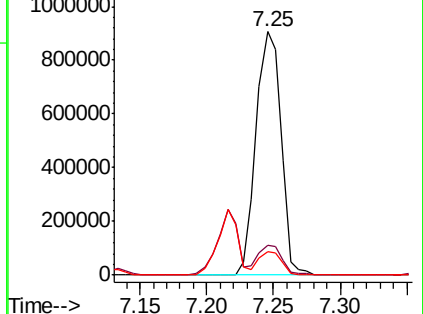
79 9.4 6.1 46.1

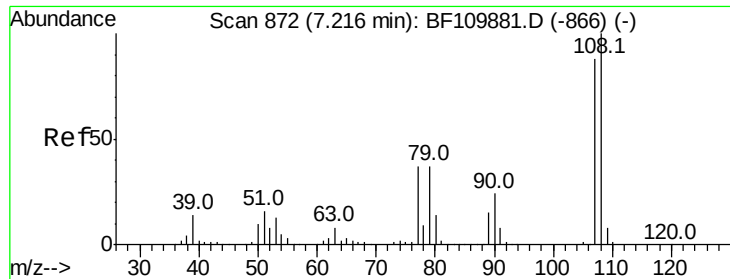


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





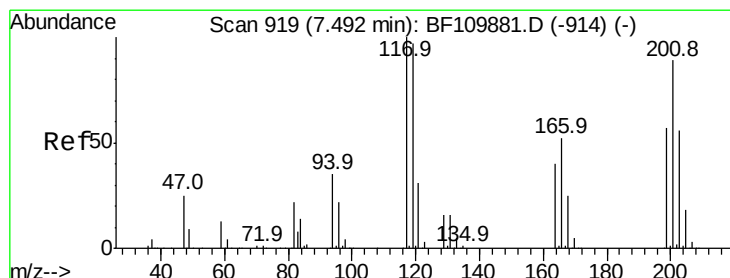
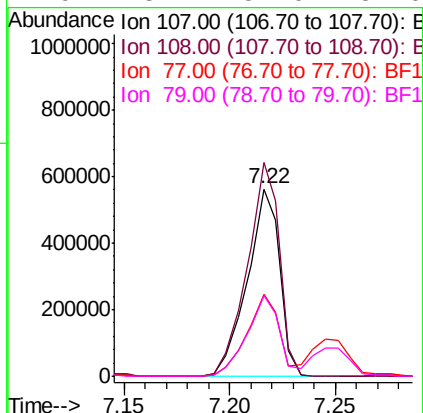
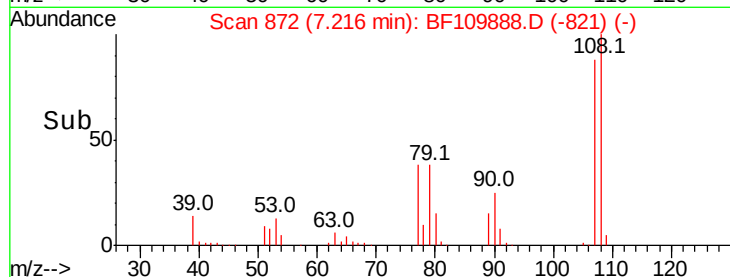
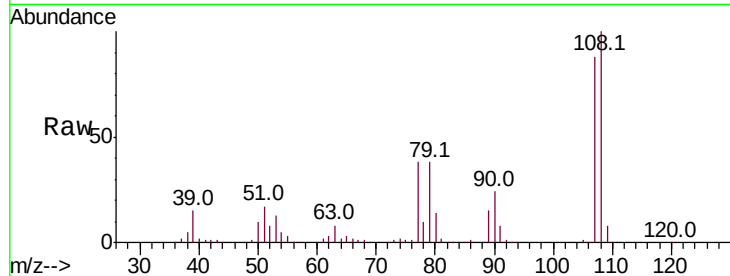
#17
2-Methylphenol
Concen: 43.186 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	114.1	92.6	138.8
77	43.5	59.4	89.2#
79	43.2	54.0	81.0#

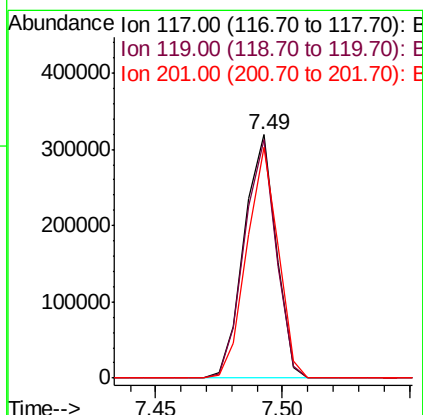
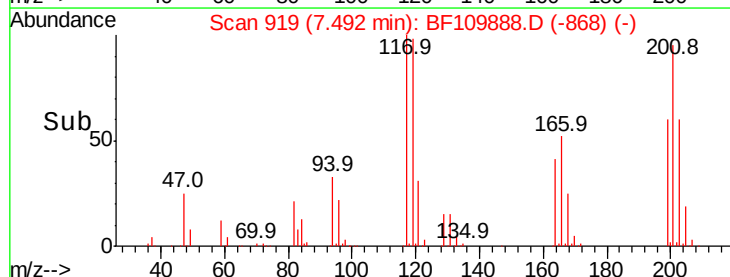
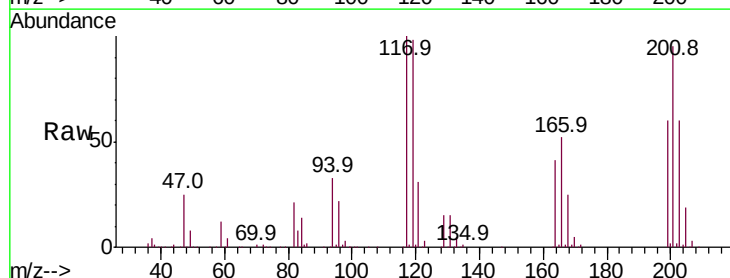
Manual Integrations
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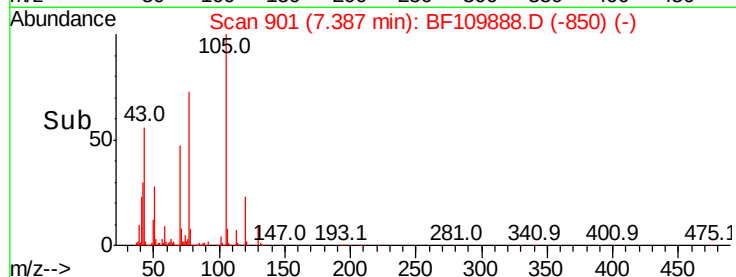
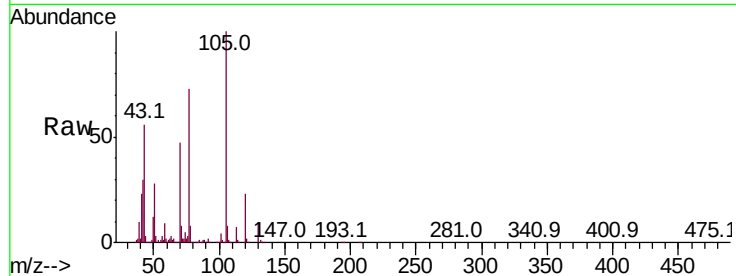
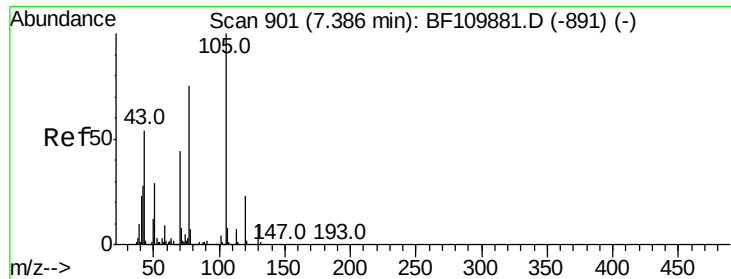
Sohil
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#18
Hexachloroethane
Concen: 41.851 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	98.0	75.0	112.6
201	95.0	79.2	118.8





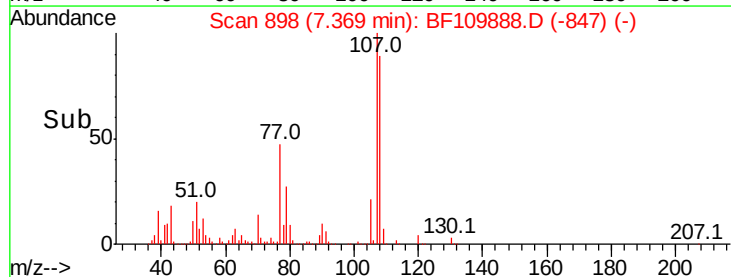
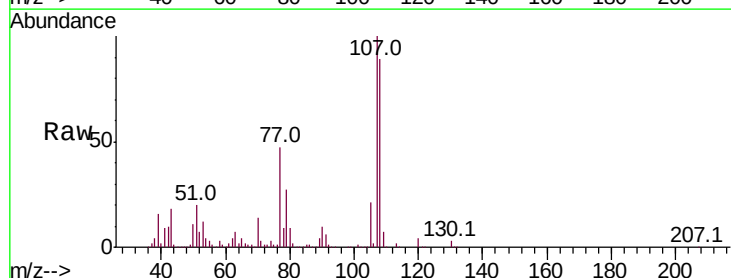
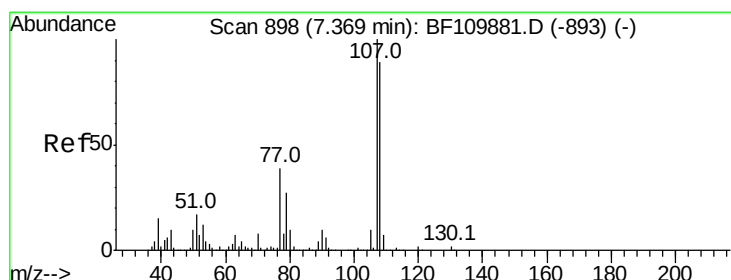
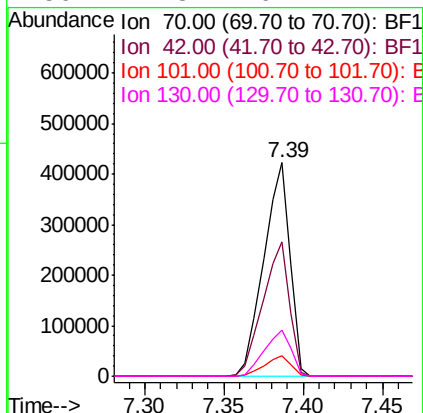
#19
n-Nitroso-di-n-propylamine
Concen: 40.005 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Manual Integrations
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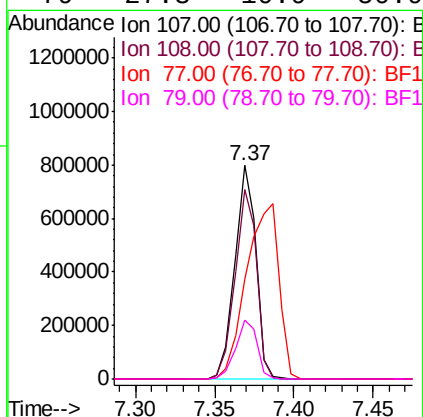
Sohil
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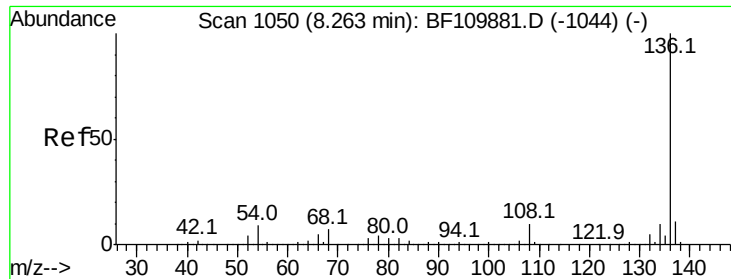
Tot Ion	70	Resp	489454
Ion Ratio	Lower	Upper	
70	100		
42	62.6	47.4	71.2
101	9.4	7.3	10.9
130	21.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 41.940 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	107	Resp	737692
Ion Ratio	Lower	Upper	
107	100		
108	89.0	71.4	111.4
77	47.0	47.3	87.3#
79	27.3	10.9	50.9





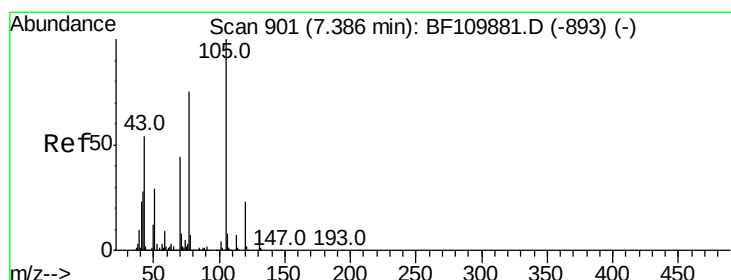
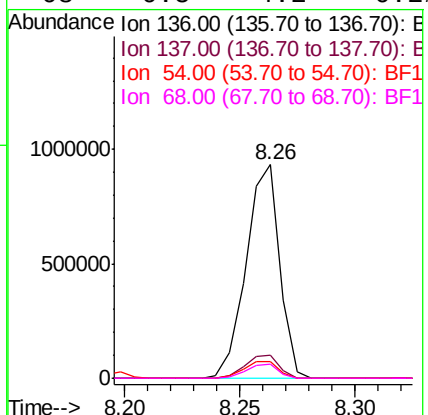
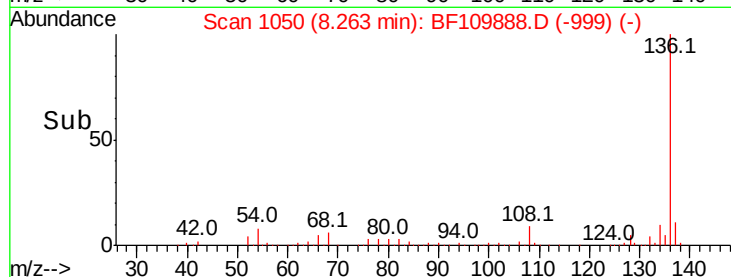
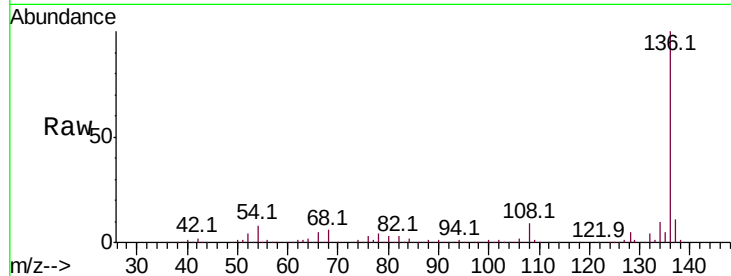
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	5.4	8.2
68	6.5	4.2	6.2#

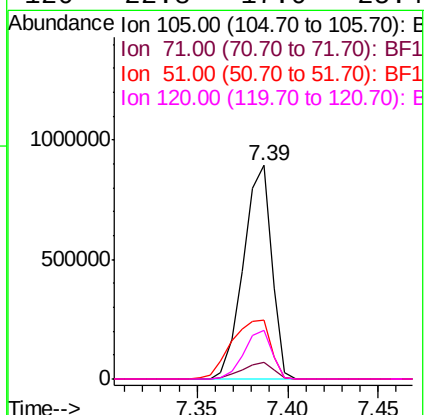
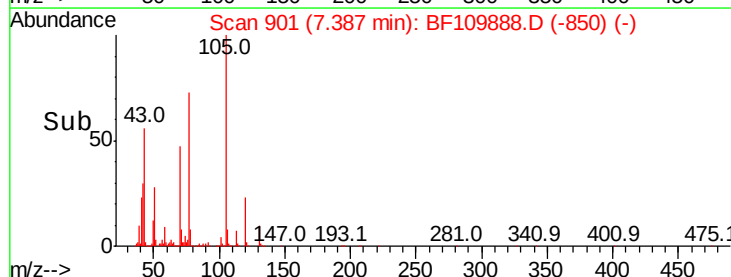
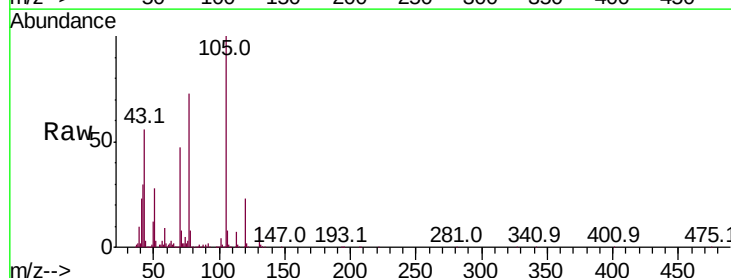
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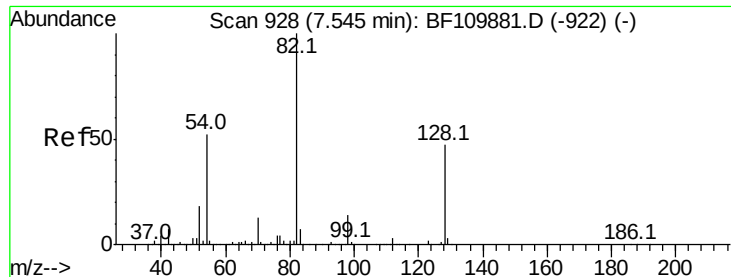
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#22
Acetophenone
Concen: 44.136 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.8	5.2	7.8
51	27.6	21.8	32.8
120	22.8	17.0	25.4





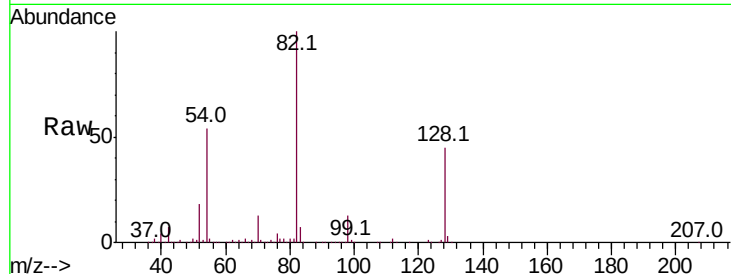
#23
Nitrobenzene-d5
Concen: 88.006 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :
PB113836BSD

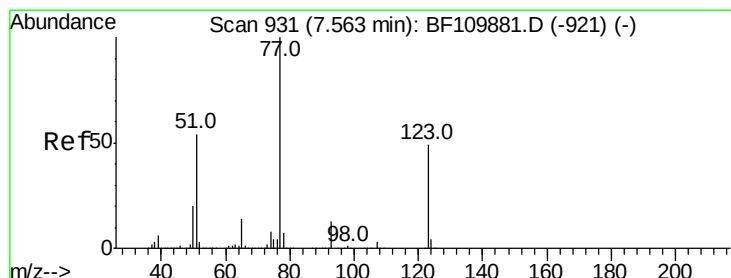
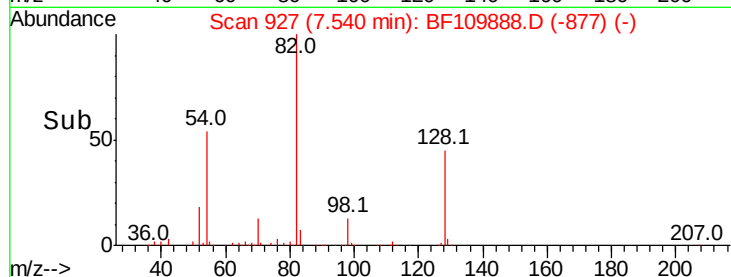
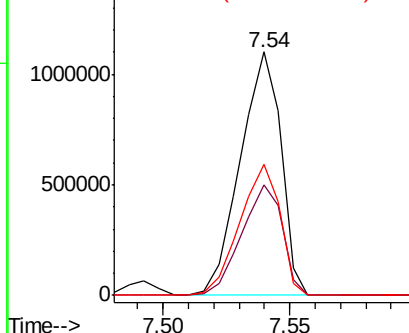
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	53.6	38.6	58.0

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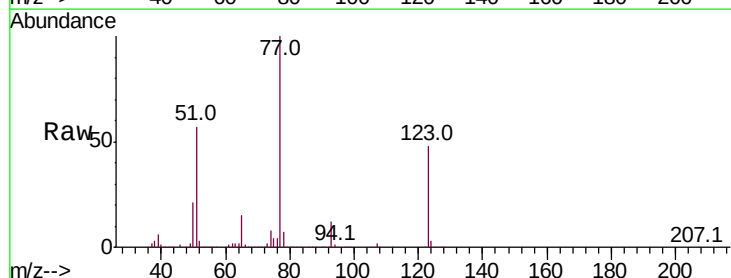


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

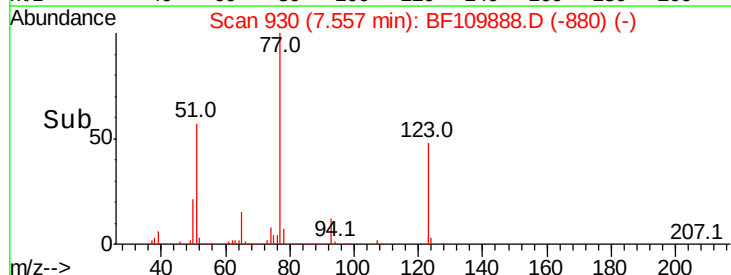
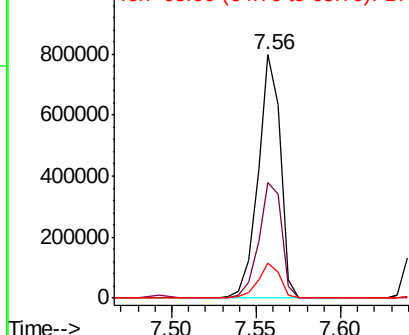


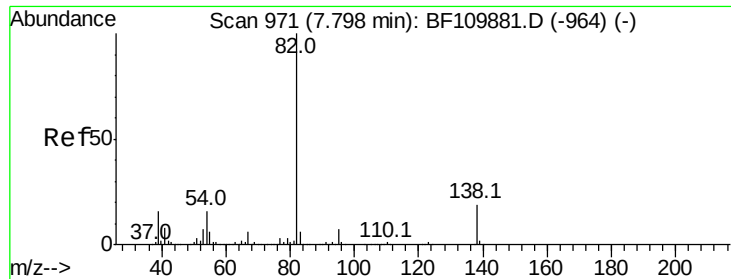
#24
Nitrobenzene
Concen: 47.826 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.7	53.5
65	14.6	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.499 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion: 82 Resp: 1365547

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

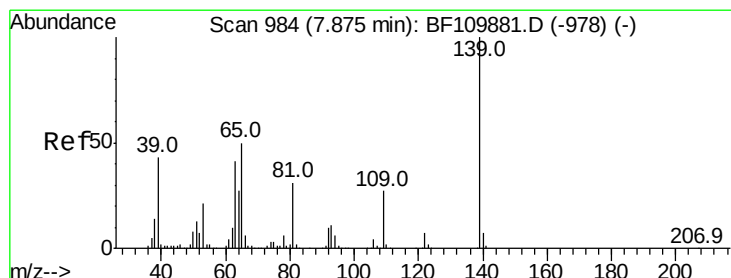
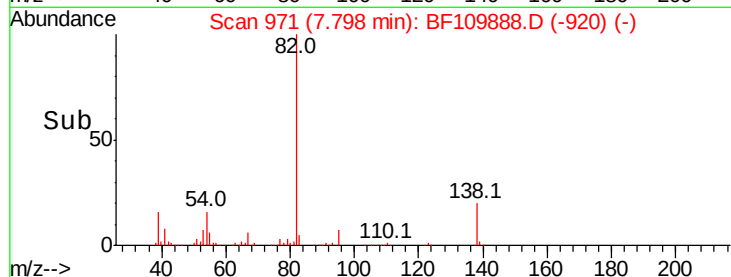
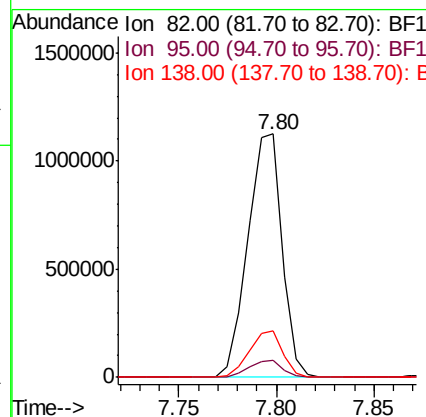
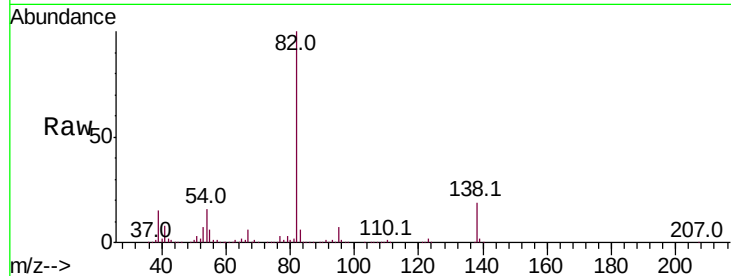
138 19.2 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 53.664 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

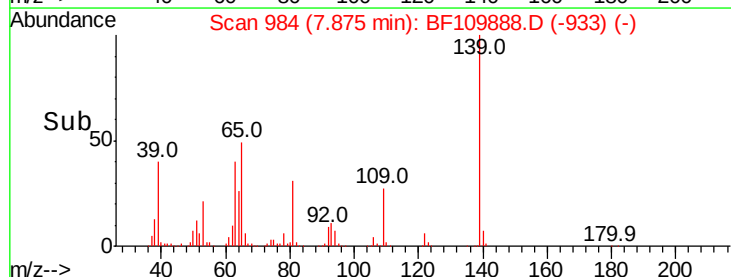
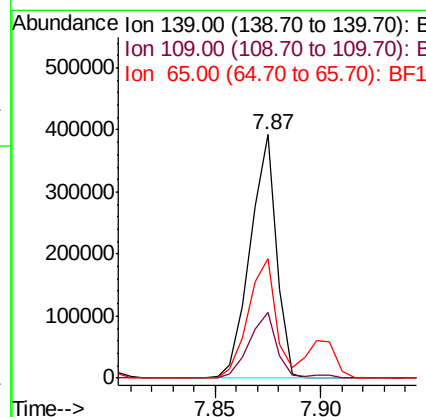
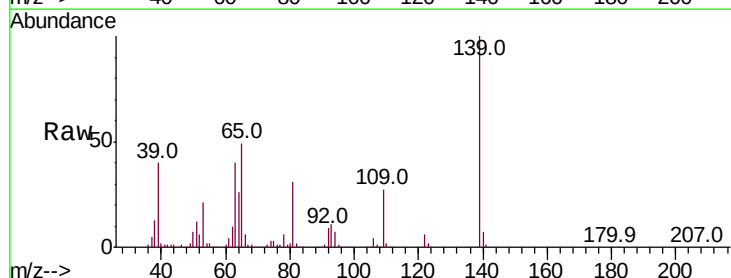
Tgt Ion: 139 Resp: 339369

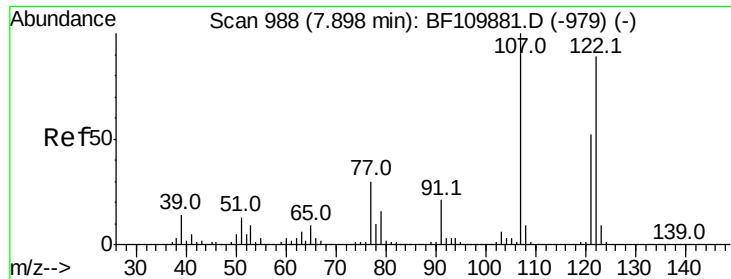
Ion Ratio Lower Upper

139 100

109 27.1 25.0 37.6

65 49.0 44.0 66.0





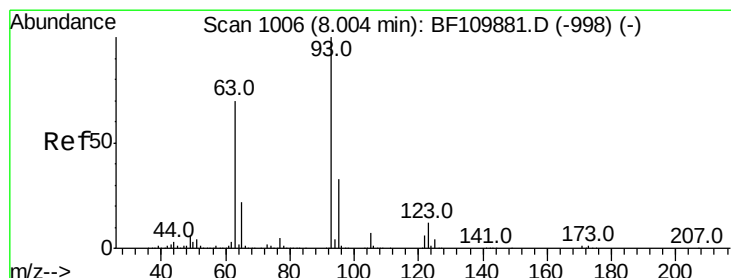
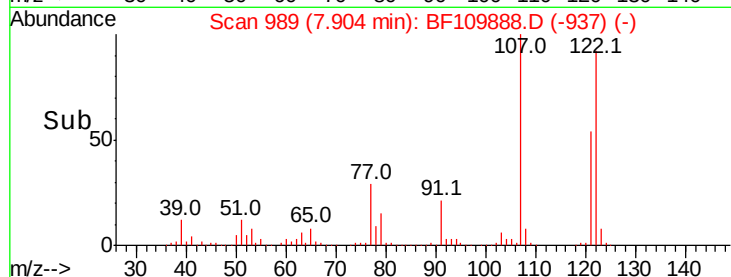
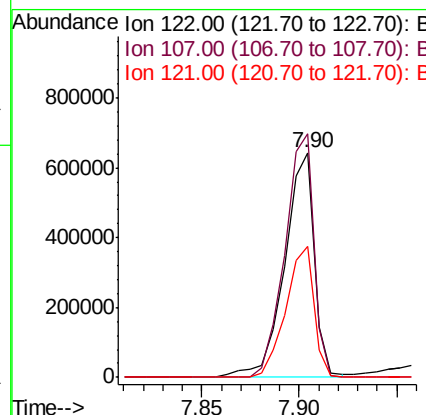
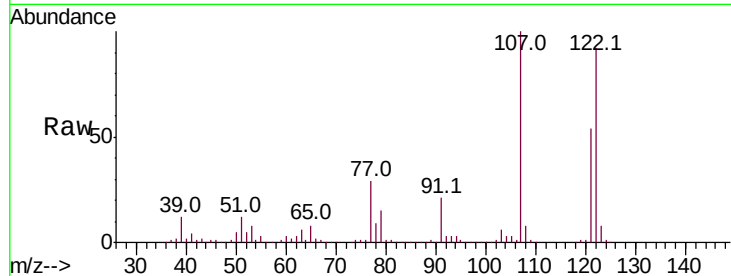
#27
2,4-Dimethylphenol
Concen: 50.950 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	677021		
107	108.4	92.5	138.7	
121	58.1	45.8	68.8	

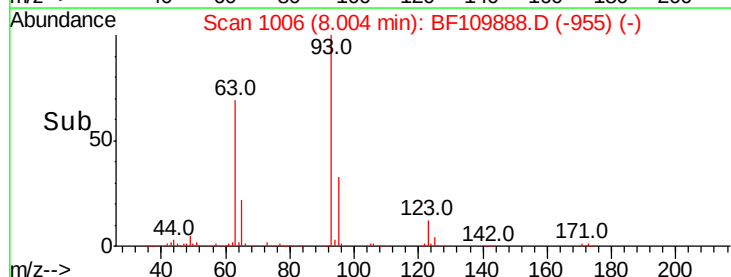
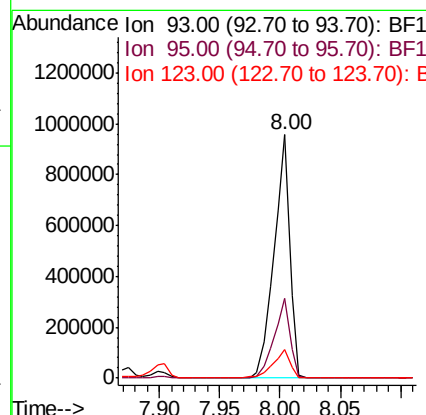
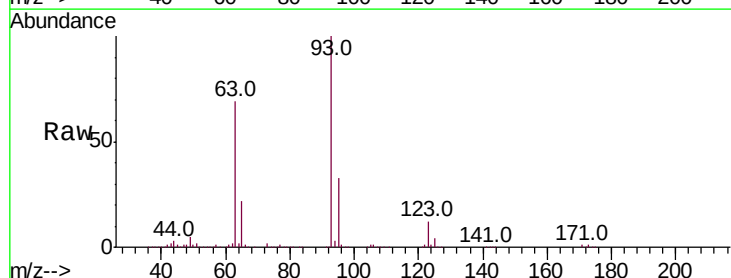
Manual Integrations
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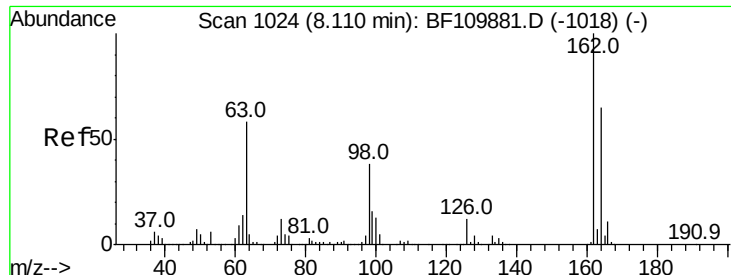
Sohil
10/16/2018 9:57:31 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.350 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	877550		
95	32.8	26.4	39.6	
123	11.9	9.0	13.6	





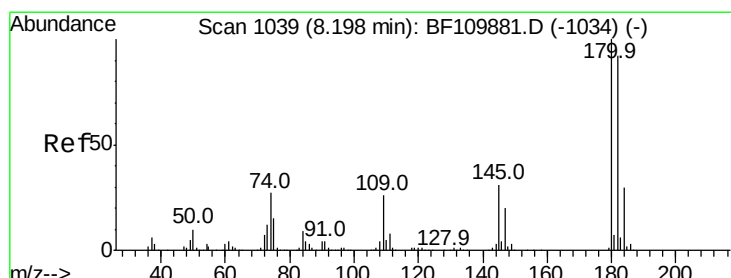
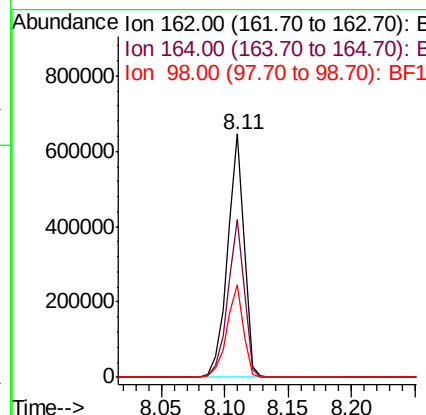
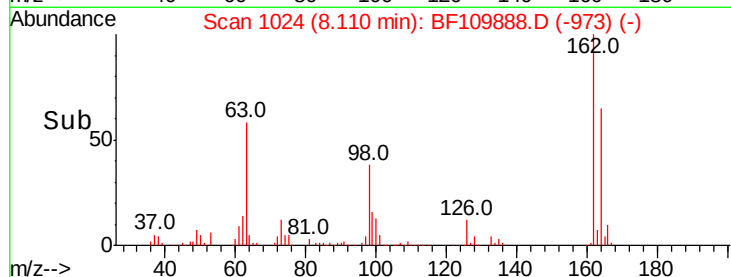
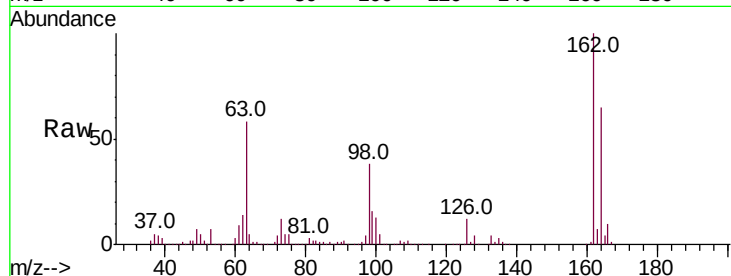
#29
 2,4-Dichlorophenol
 Concen: 45.653 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	44.6	84.6	
98	37.8	17.4	57.4	

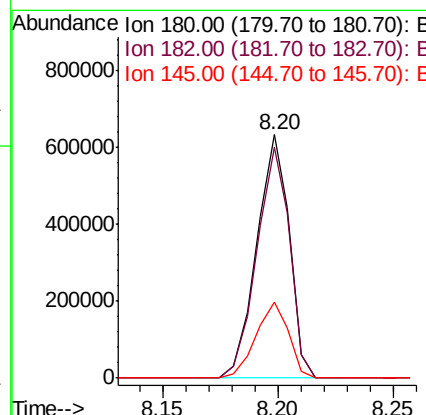
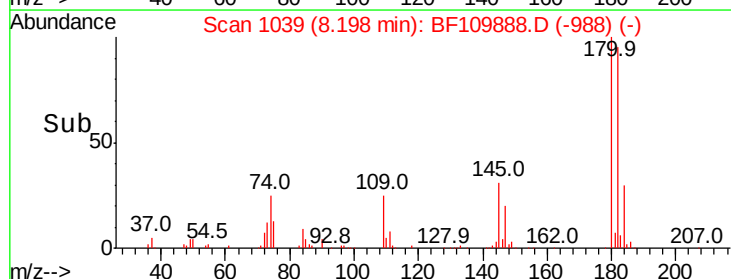
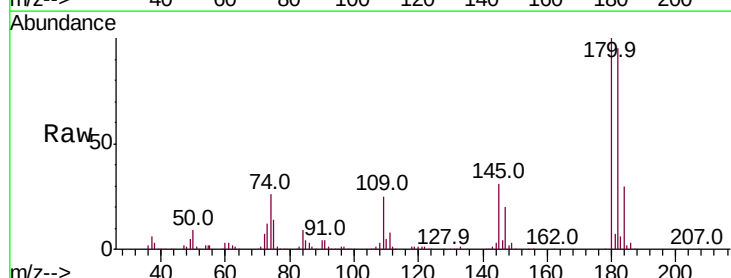
Manual Integrations
 APPROVED

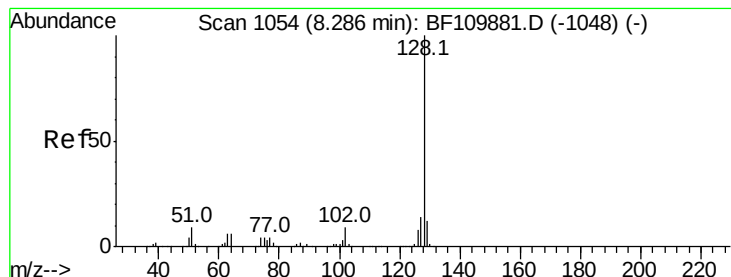
Sohil
 10/16/2018 9:57:31 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.328 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	80.3	120.5	
145	31.1	25.4	38.0	





#31

Naphthalene

Concen: 46.561 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion:128 Resp: 2019392

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

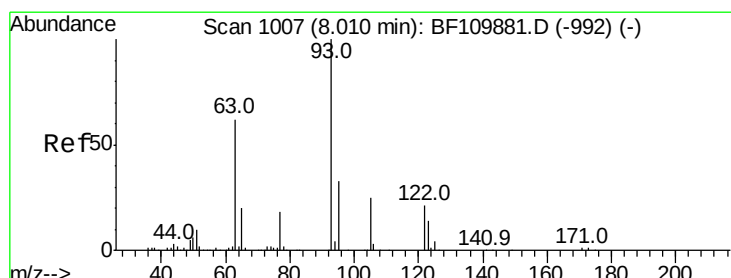
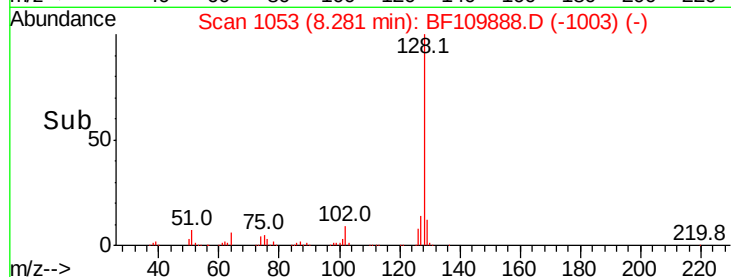
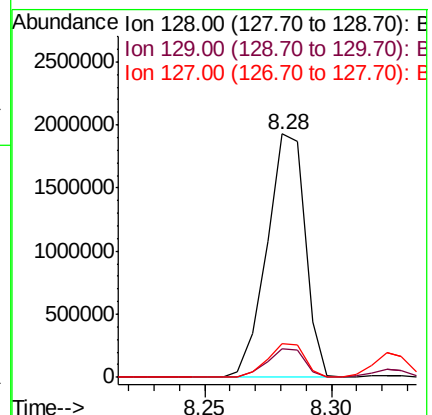
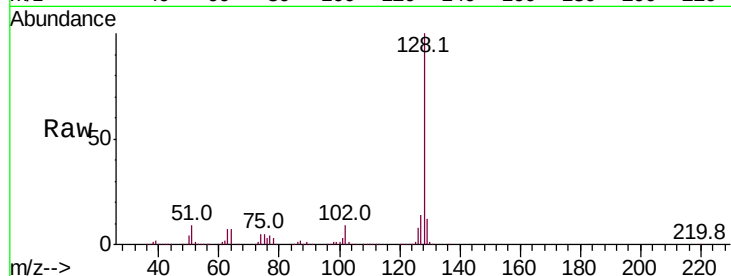
127 13.7 10.8 16.2

Manual Integrations

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#32

Benzoic acid

Concen: 25.475 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

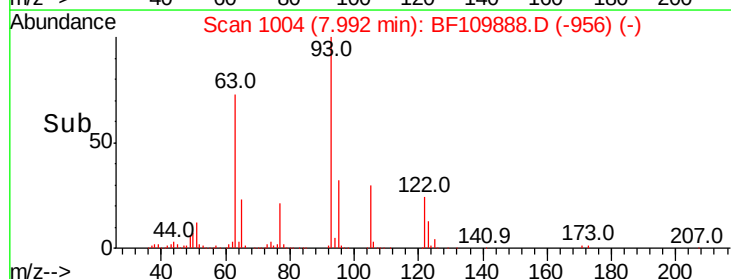
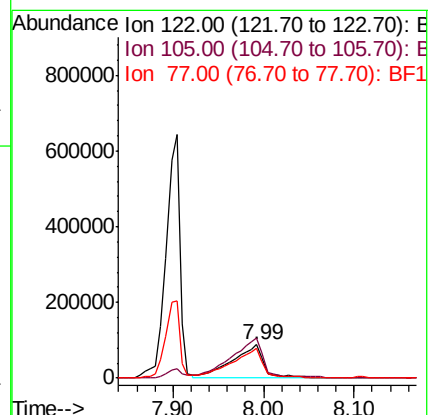
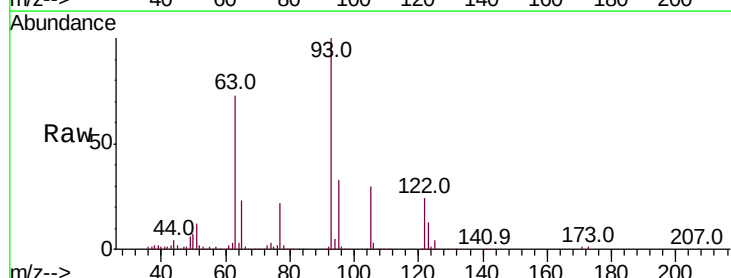
Tgt Ion:122 Resp: 210918

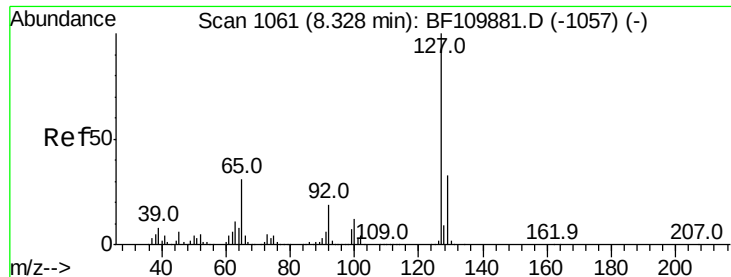
Ion Ratio Lower Upper

122 100

105 122.5 109.0 149.0

77 90.3 79.0 119.0





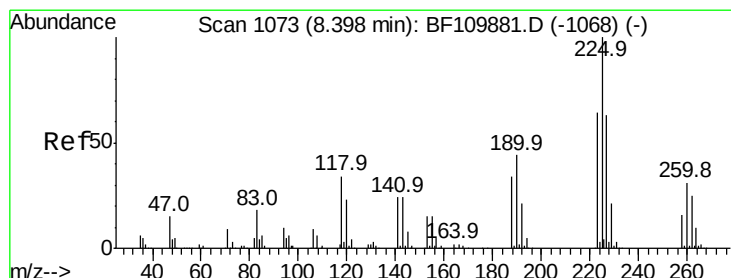
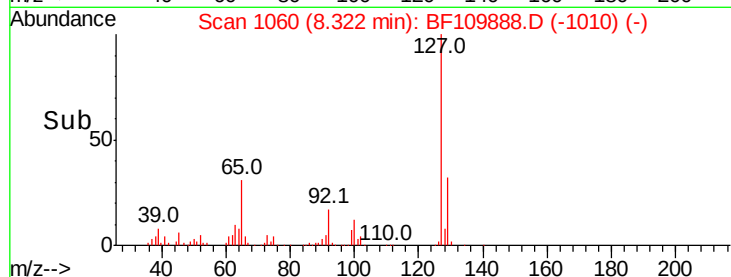
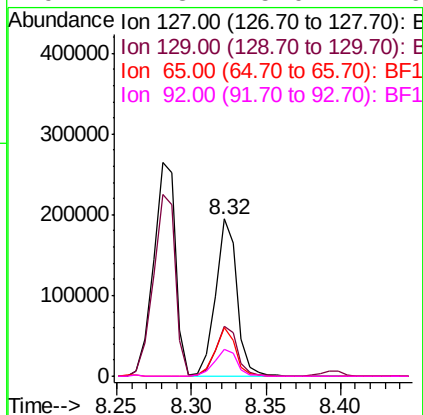
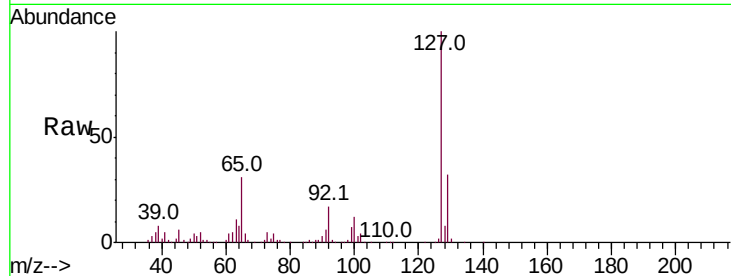
#33
4-Chloroaniline
Concen: 10.088 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	196677		
129	31.8	26.0	39.0	
65	31.1	25.1	37.7	
92	17.3	15.0	22.6	

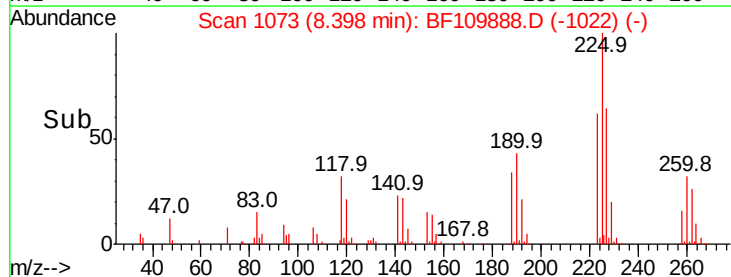
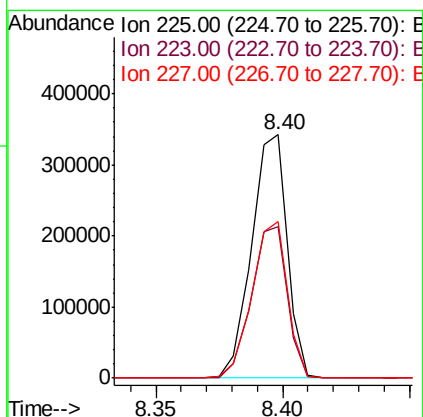
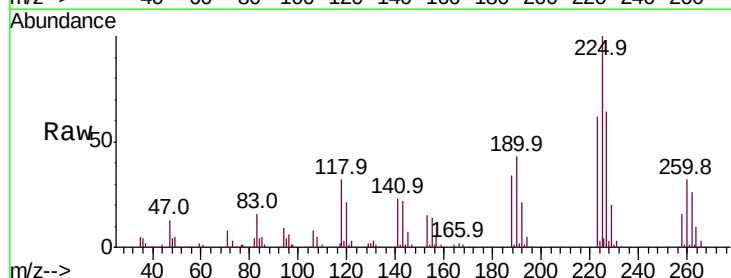
Manual Integrations
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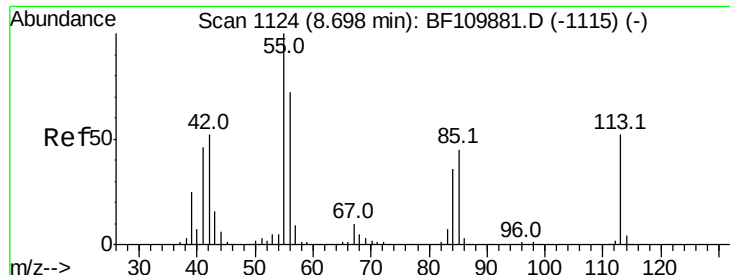
Sohil
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#34
Hexachlorobutadiene
Concen: 42.289 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	336577		
223	62.5	51.4	77.2	
227	64.5	51.0	76.6	





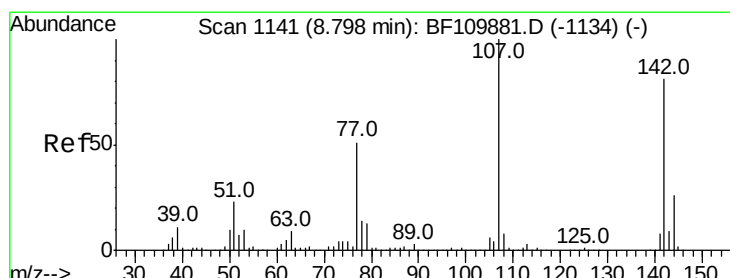
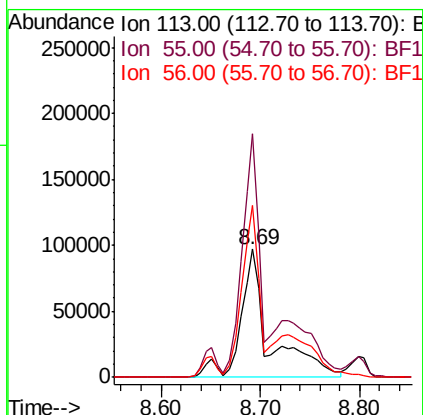
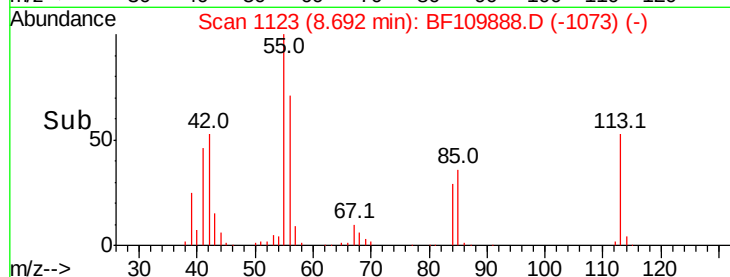
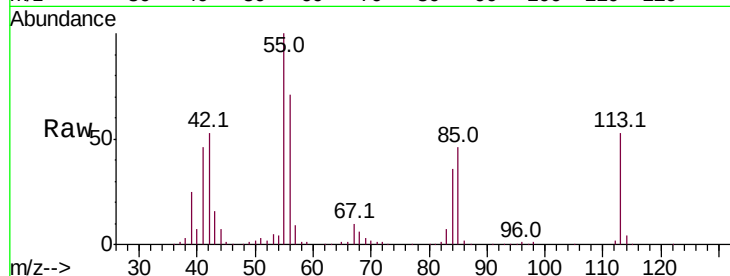
#35
Caprolactam
Concen: 42.855 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :
PB113836BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	190.1	142.8	182.8#		
56	134.1	105.0	145.0		

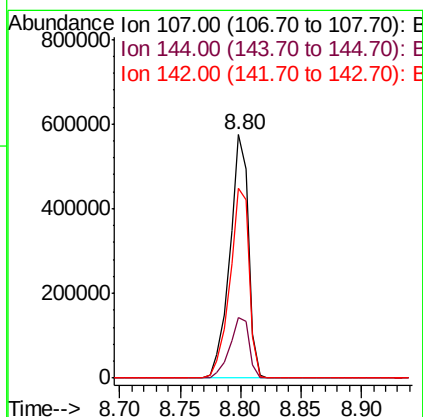
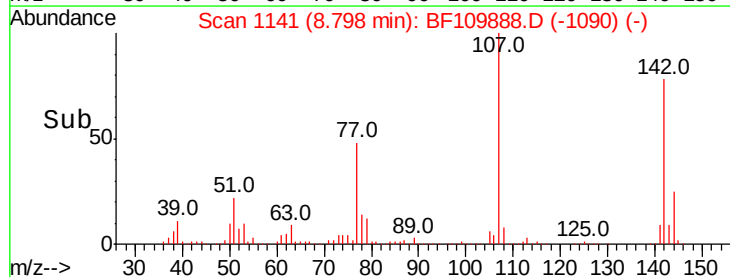
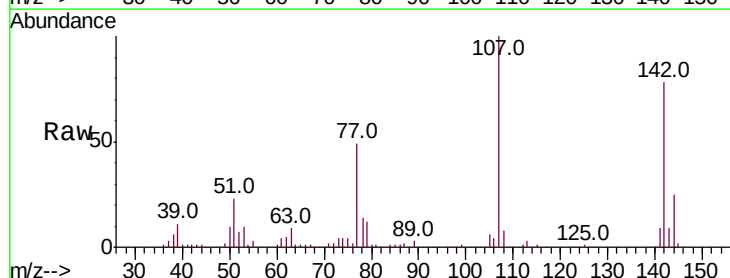
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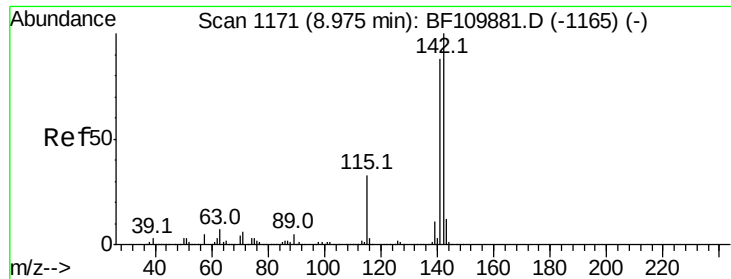
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#36
4-Chloro-3-methylphenol
Concen: 45.441 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1	20.0	30.0		
142	78.2	59.7	89.5		





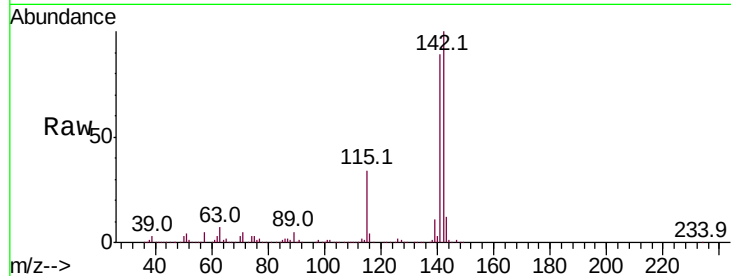
#37
2-Methylnaphthalene
Concen: 49.142 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	33.5	28.7	43.1

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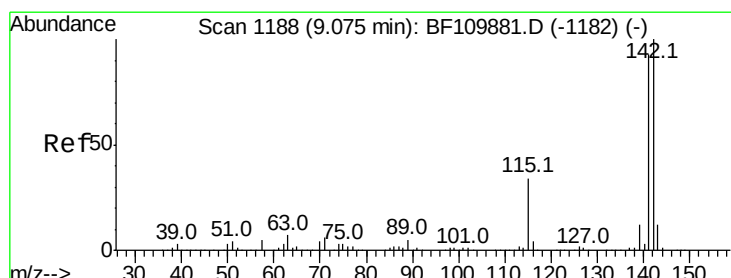
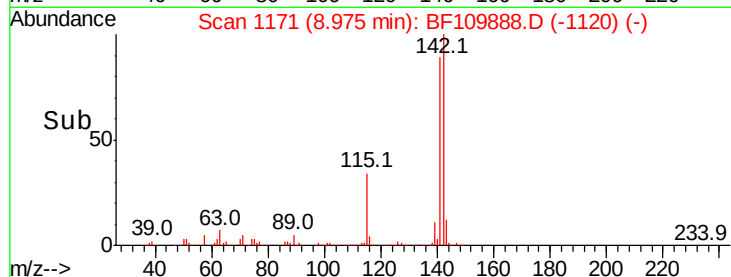
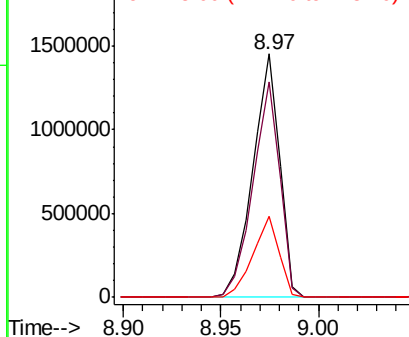


Abundance

Ion 142.00 (141.70 to 142.70): E

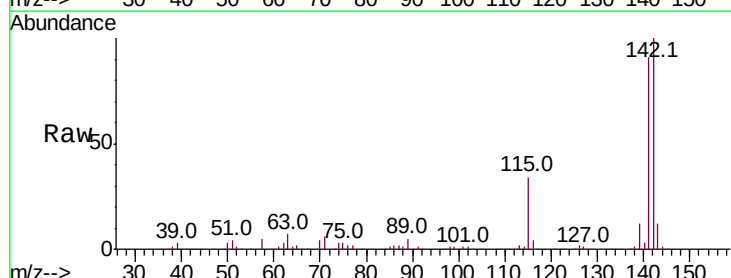
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.283 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.2	111.4
116	3.6	2.6	4.0

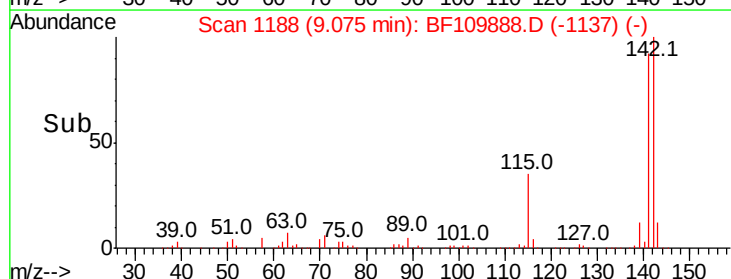
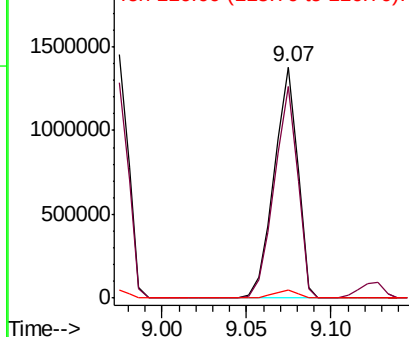


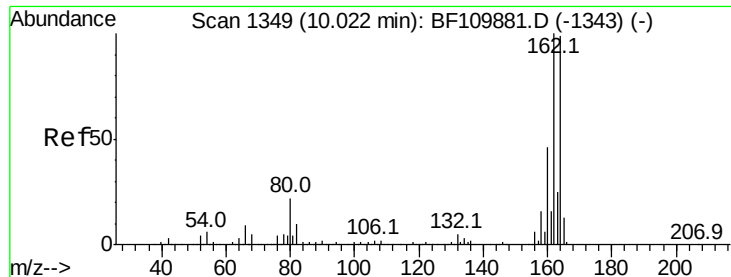
Abundance

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





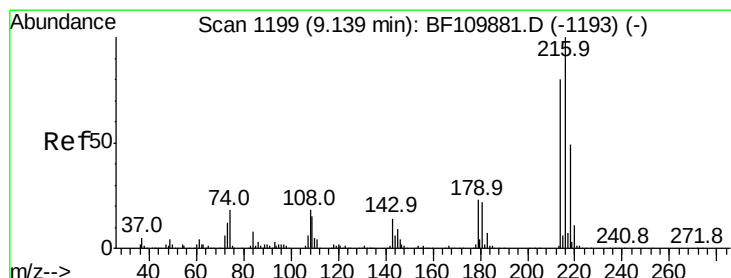
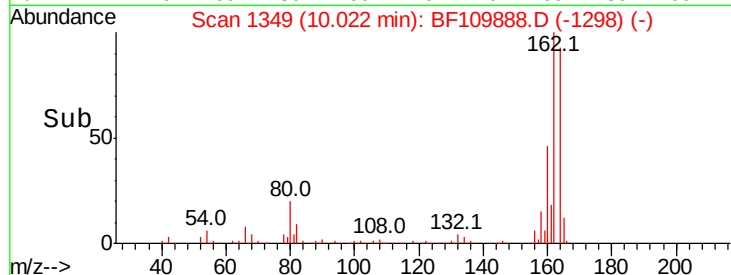
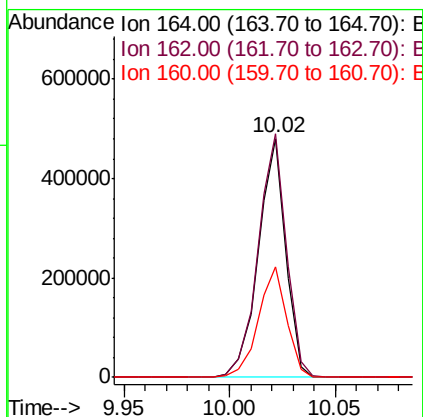
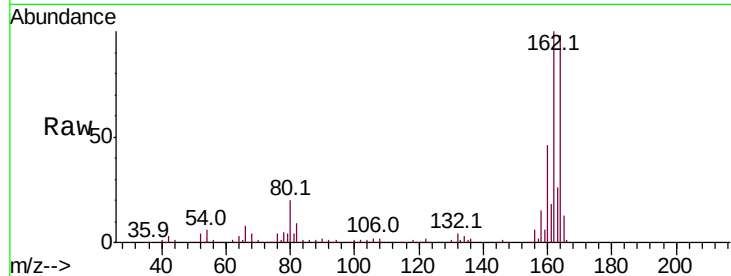
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	83.0	124.6	
160	46.5	37.0	55.6	

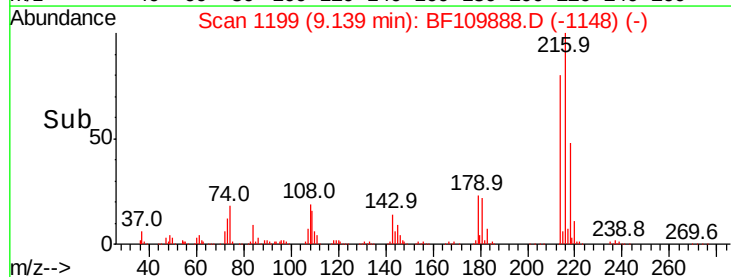
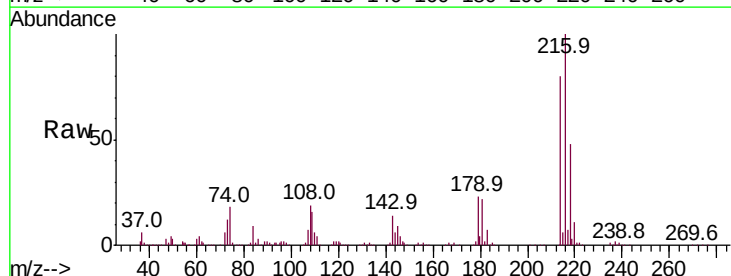
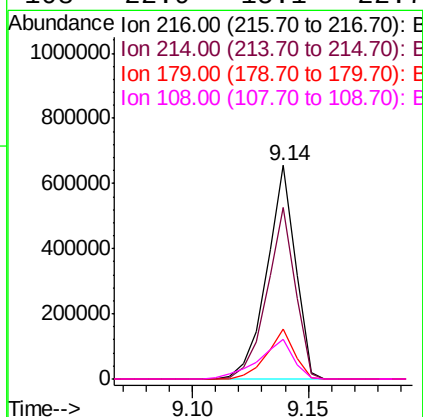
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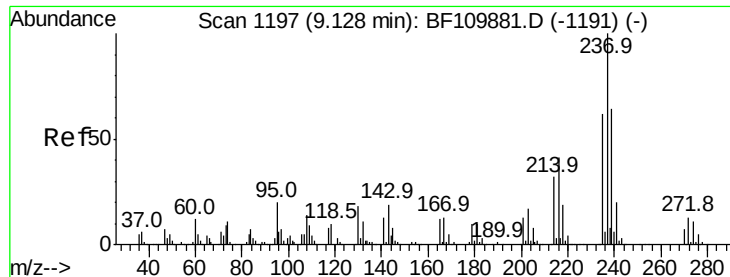
Sohil
10/16/2018 9:57:31 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.041 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.8	95.6	
179	22.5	16.6	25.0	
108	22.9	15.1	22.7#	





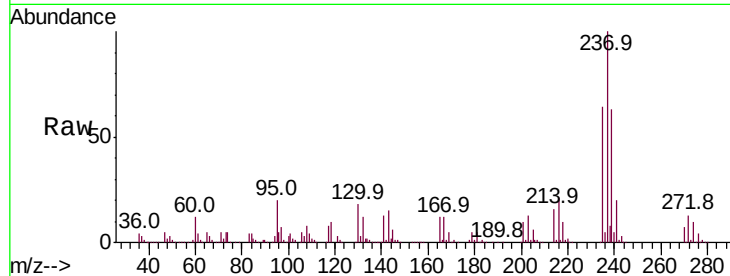
#41
Hexachlorocyclopentadiene
Concen: 105.498 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

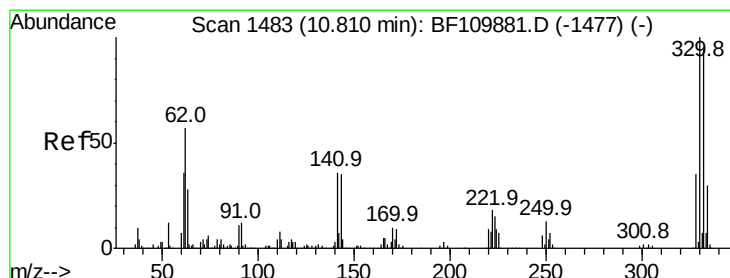
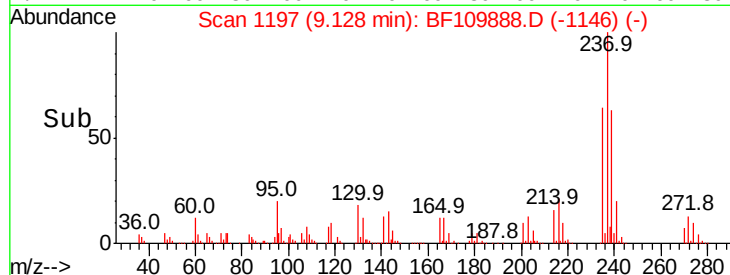
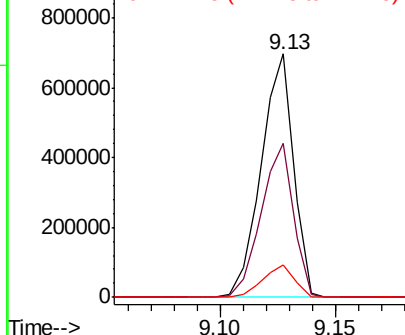
Tot Ion	Ratio	Resp	Lower	Upper
237	100	679607		
235	63.5	43.1	83.1	
272	13.3	0.0	32.6	

Manual Integrations
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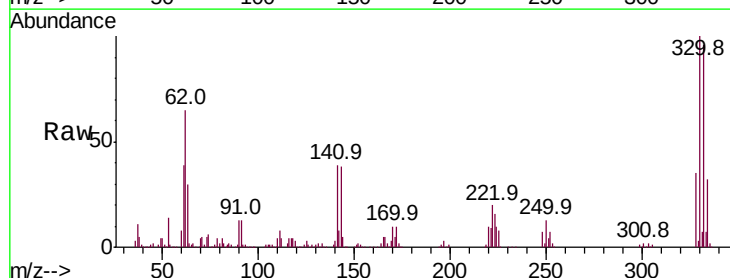


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

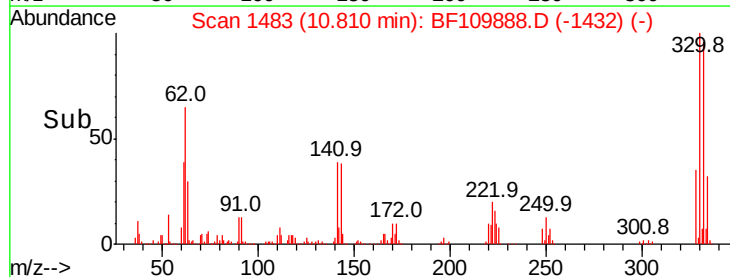
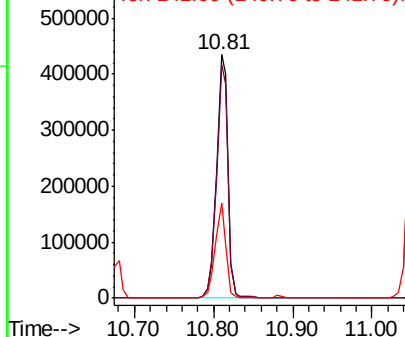


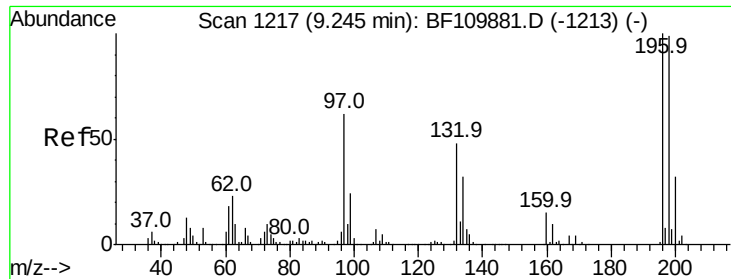
#42
2,4,6-Tribromophenol
Concen: 116.523 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	437143		
332	95.5	77.1	115.7	
141	36.4	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





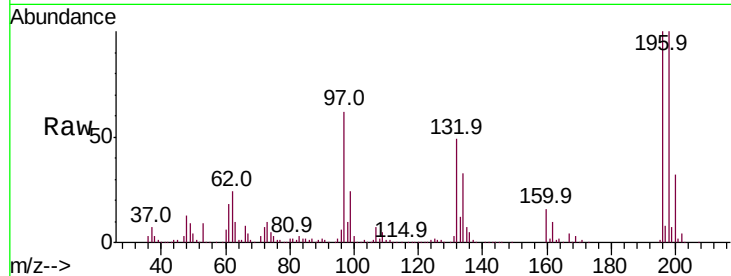
#43
2,4,6-Trichlorophenol
Concen: 47.235 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394202		
198	99.9	76.2	114.4	
200	31.8	24.4	36.6	

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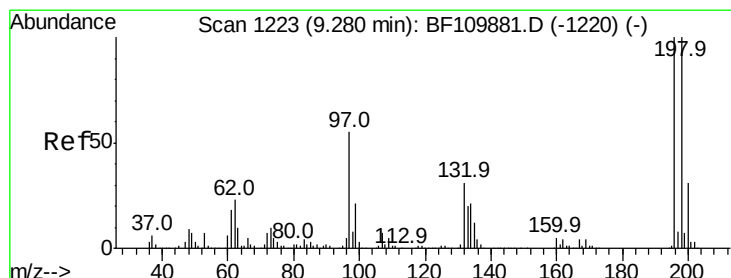
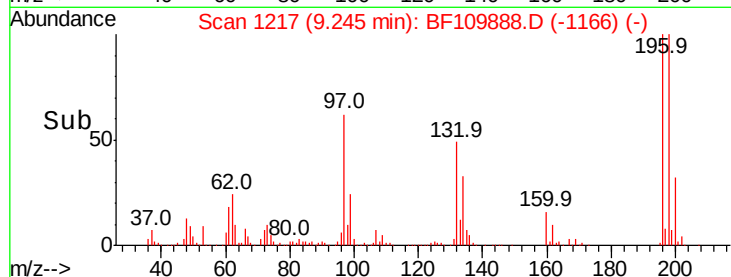
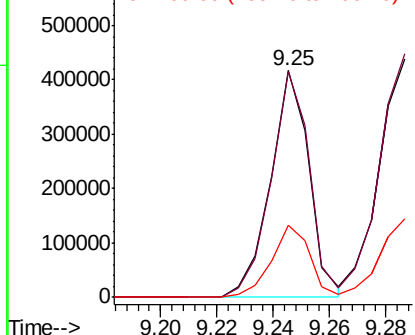


Abundance

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: 47.168 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	408553		
198	102.3	75.8	113.6	
97	49.5	42.4	63.6	
132	29.2	22.8	34.2	

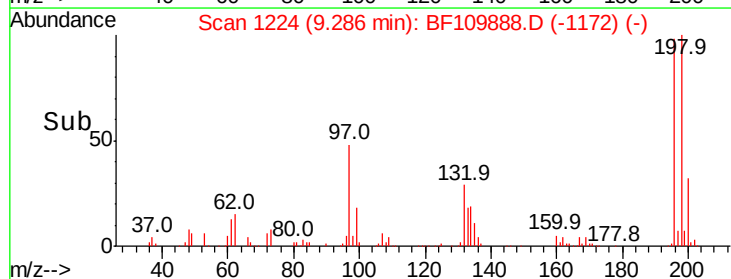
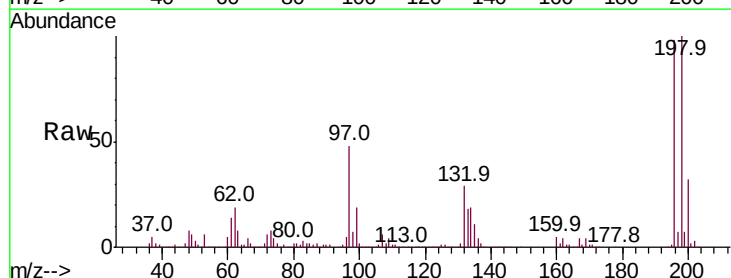
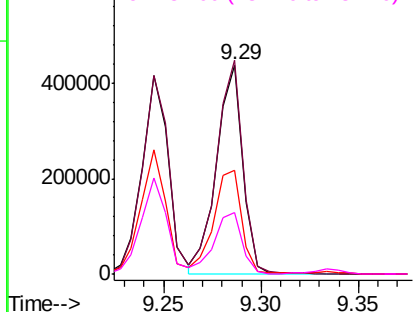
Abundance

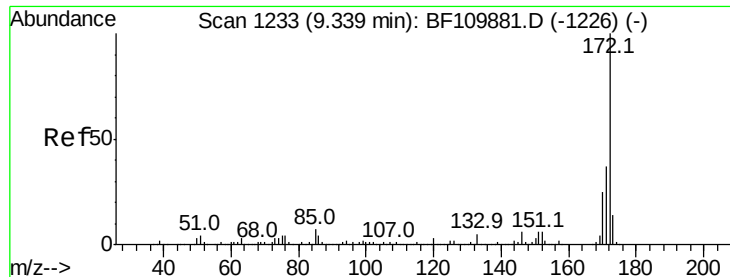
Ion 196.00 (195.70 to 196.70): E

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





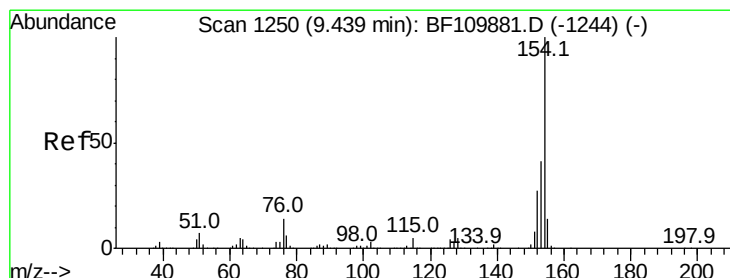
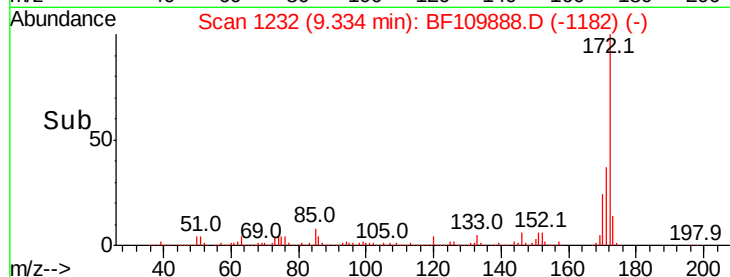
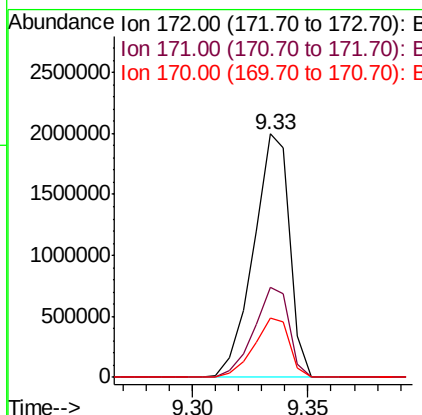
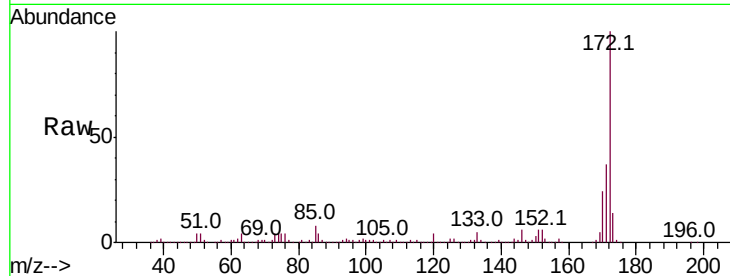
#45
2-Fluorobiphenyl
Concen: 79.801 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion:172 Resp: 2167076
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.4 19.7 29.5

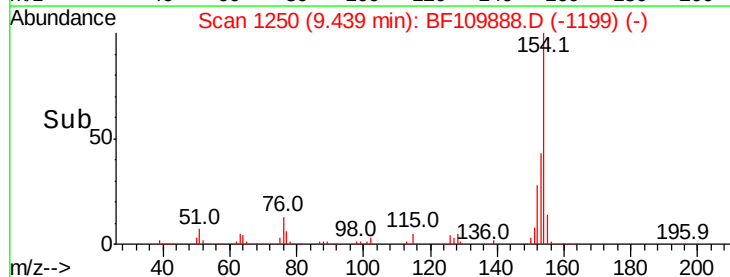
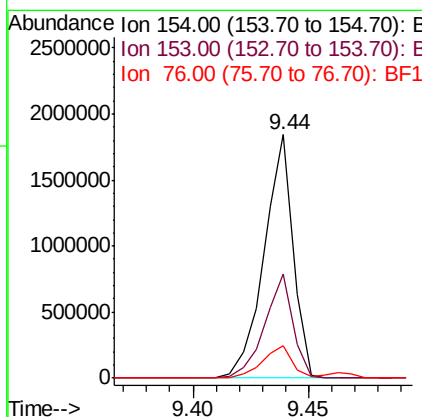
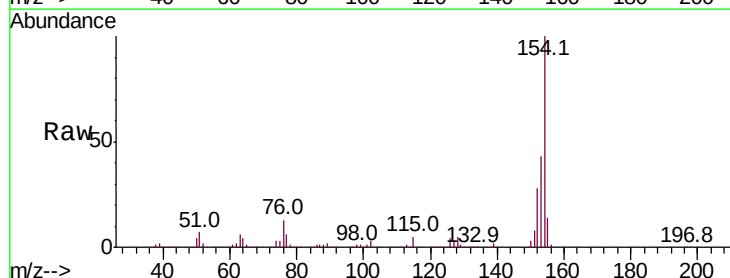
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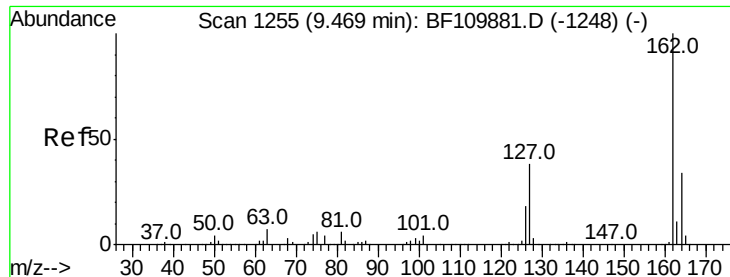
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#46
1,1'-Biphenyl
Concen: 41.705 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:154 Resp: 1610105
Ion Ratio Lower Upper
154 100
153 42.6 20.4 60.4
76 13.1 0.0 31.9





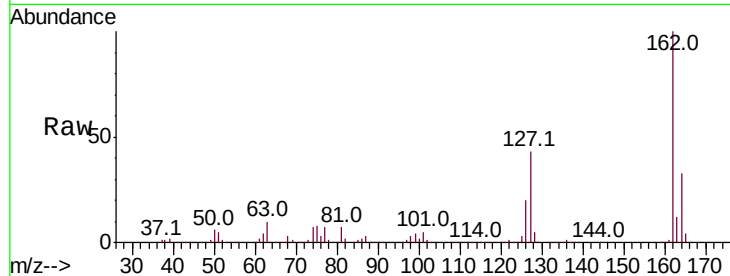
#47
2-Chloronaphthalene
Concen: 43.536 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

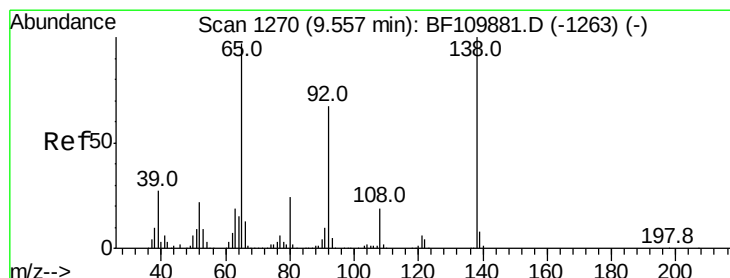
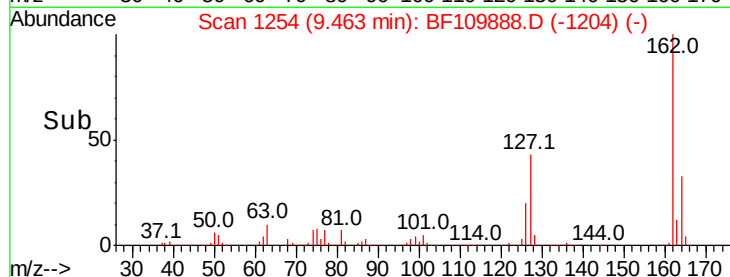
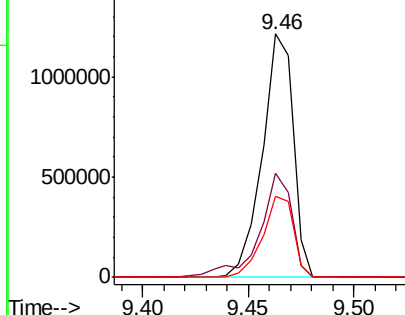
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.6	48.8
164	33.4	25.9	38.9

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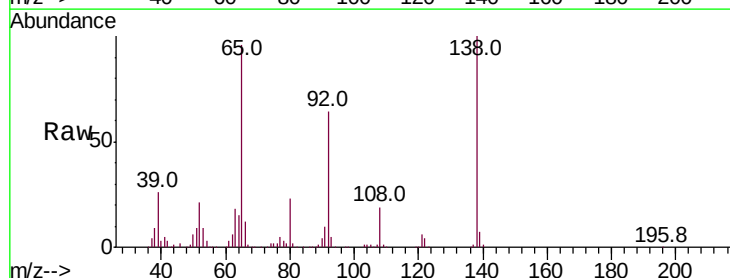


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

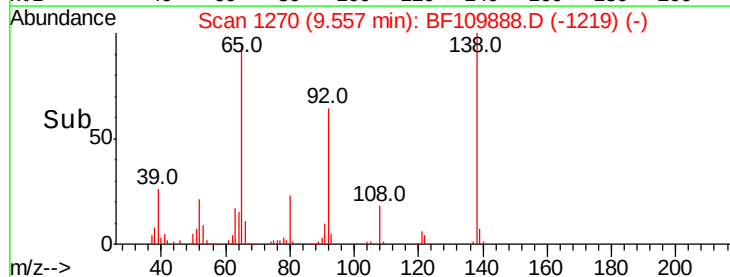
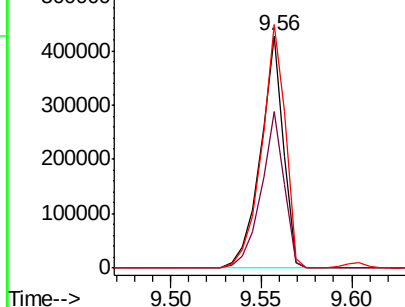


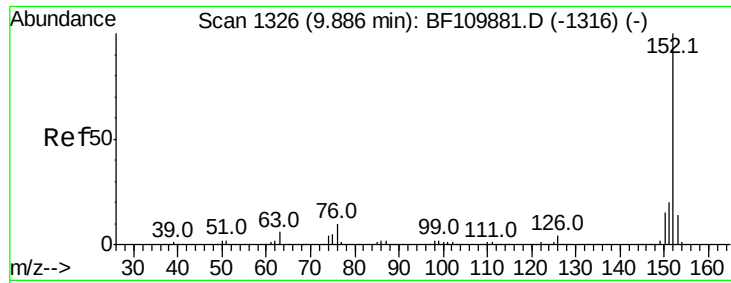
#48
2-Nitroaniline
Concen: 51.303 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.6	81.8
138	104.7	80.3	120.5



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





#49

Acenaphthylene

Concen: 46.993 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion:152 Resp: 1941400

Ion Ratio Lower Upper

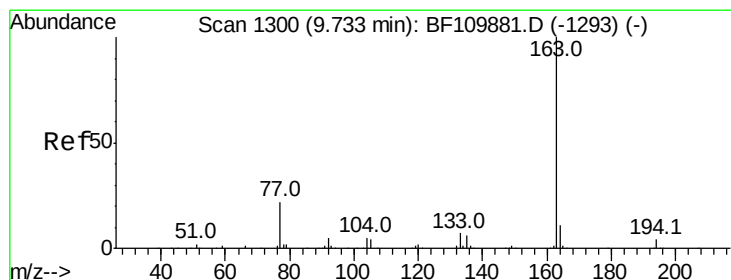
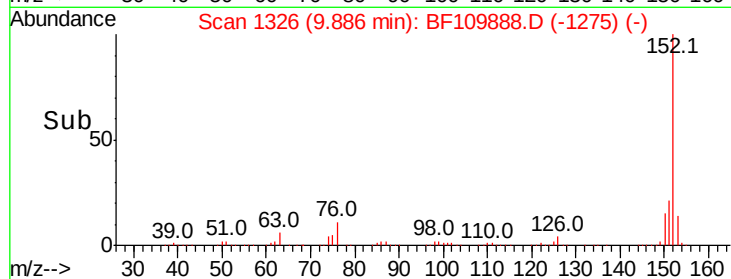
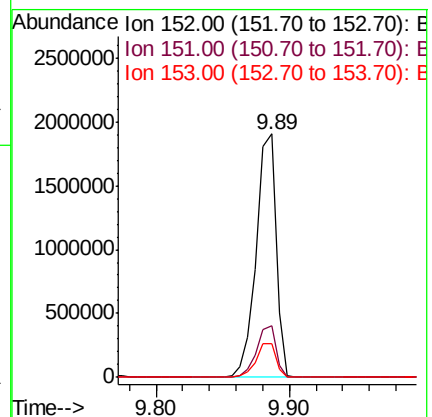
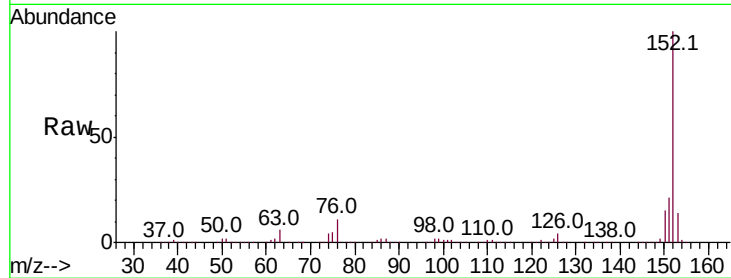
152 100

151 21.2 15.8 23.8

153 14.1 10.4 15.6

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#50

Dimethylphthalate

Concen: 45.691 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

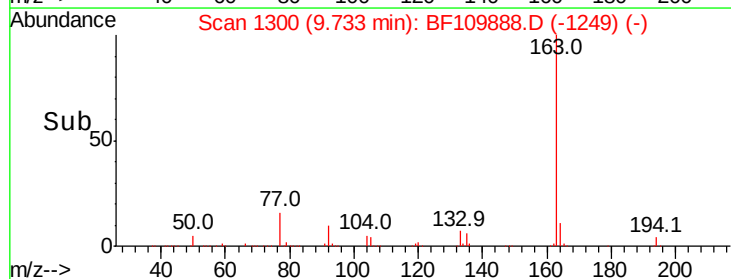
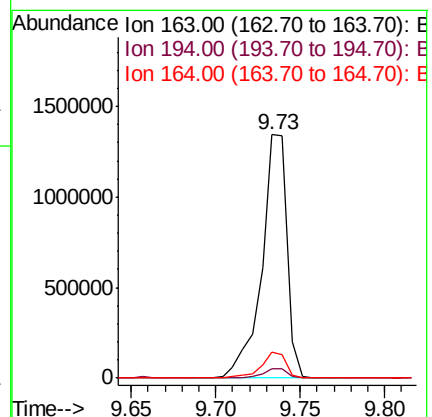
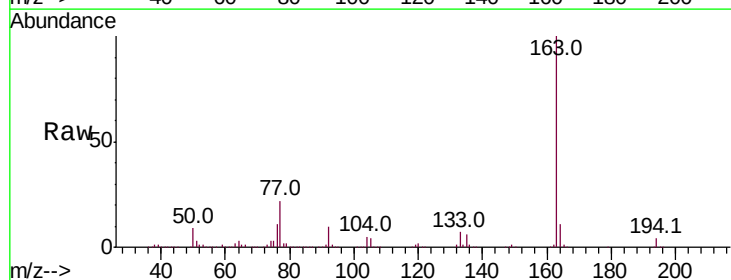
Tgt Ion:163 Resp: 1401921

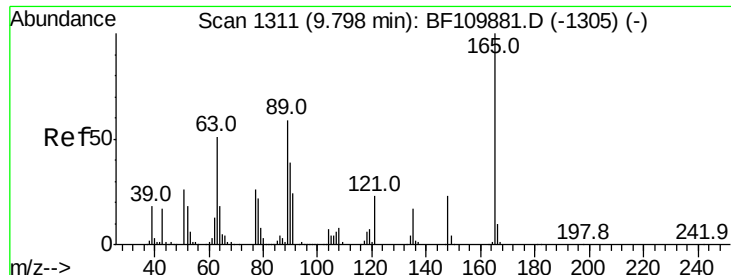
Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

164 10.9 8.1 12.1





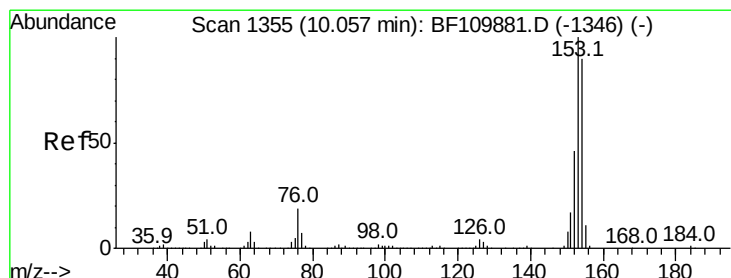
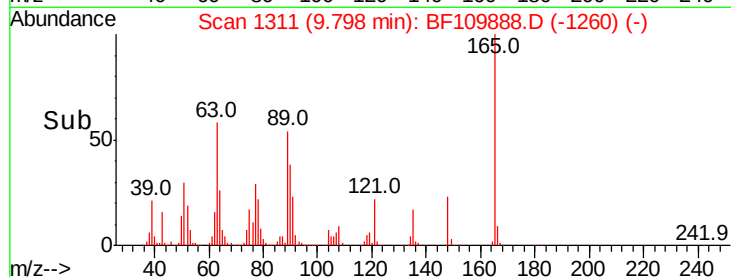
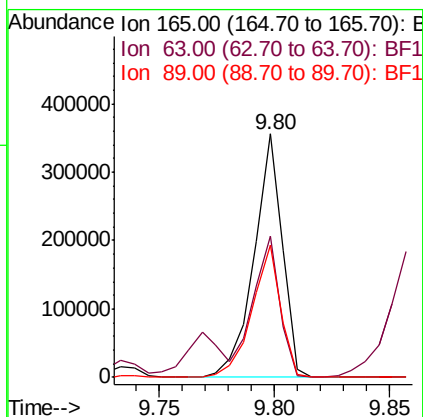
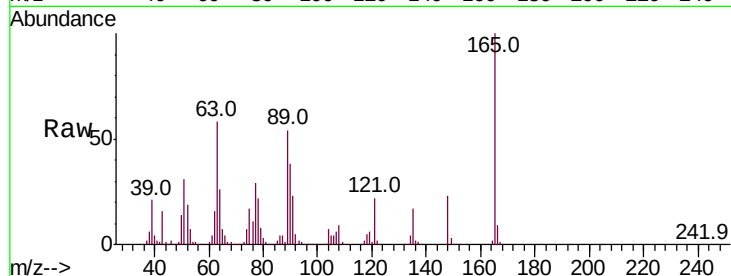
#51
2,6-Dinitrotoluene
Concen: 52.410 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	305430		
63	58.2	48.9	73.3	
89	54.2	46.6	69.8	

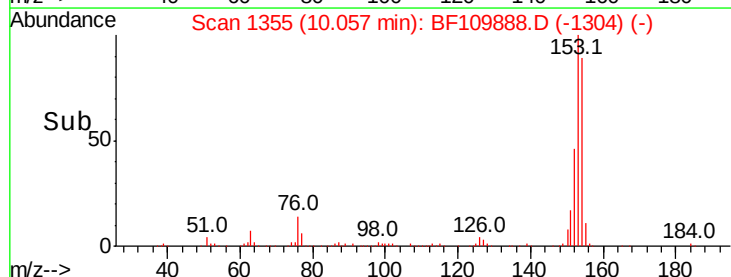
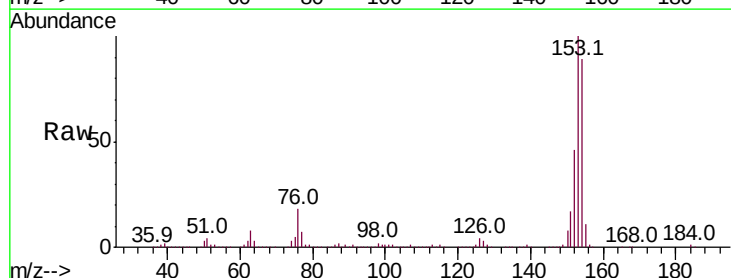
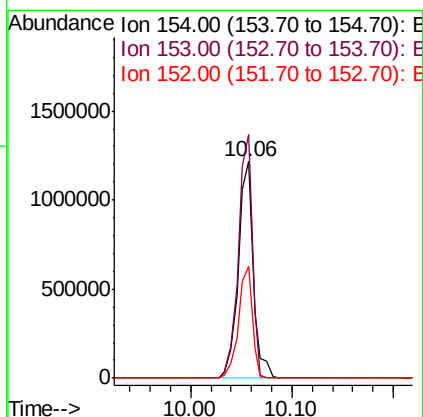
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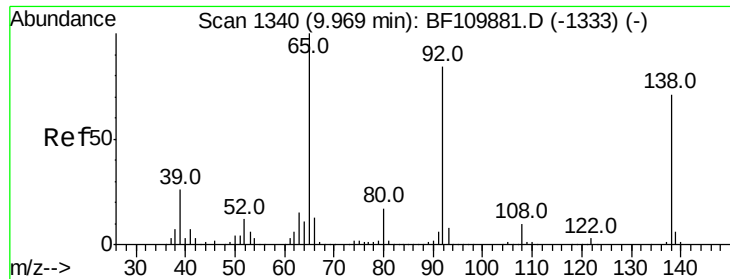
Sohil
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#52
Acenaphthene
Concen: 47.424 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1247329		
153	112.5	90.1	135.1	
152	51.7	43.4	65.2	





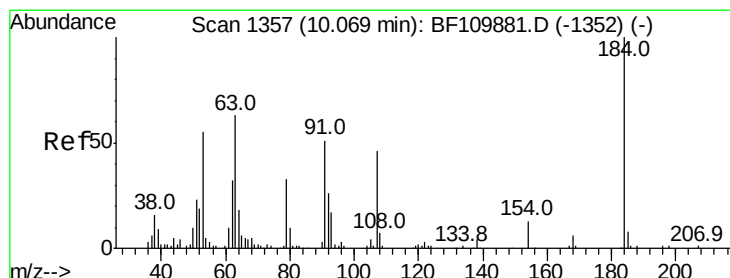
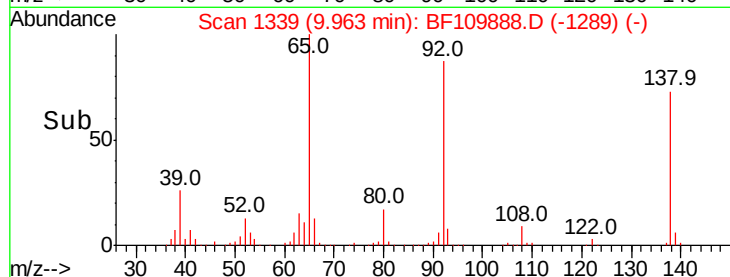
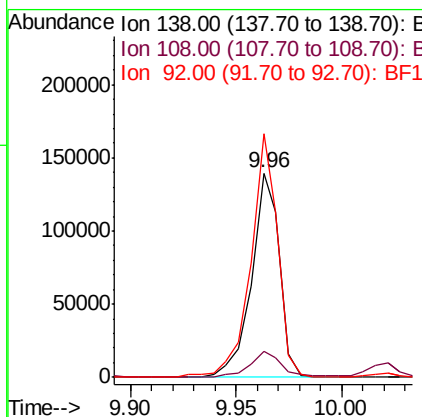
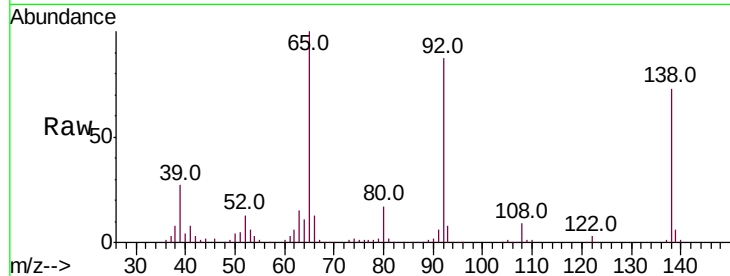
#53
3-Nitroaniline
Concen: 18.075 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	8.7	13.1
92	119.2	97.0	145.4

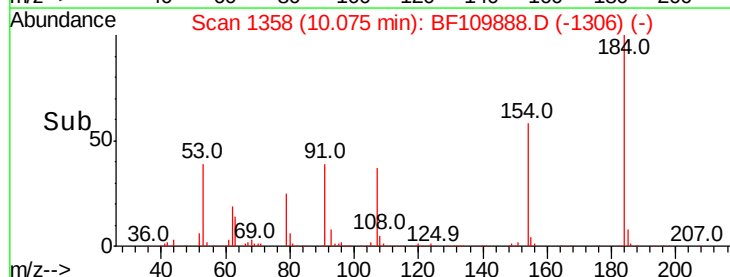
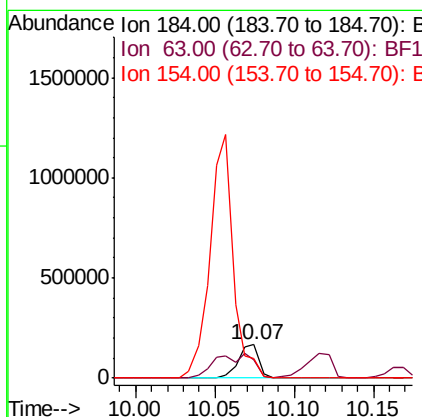
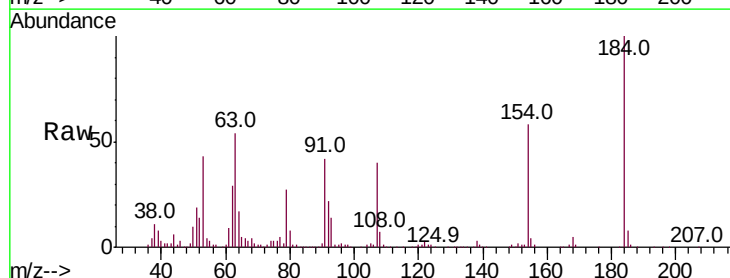
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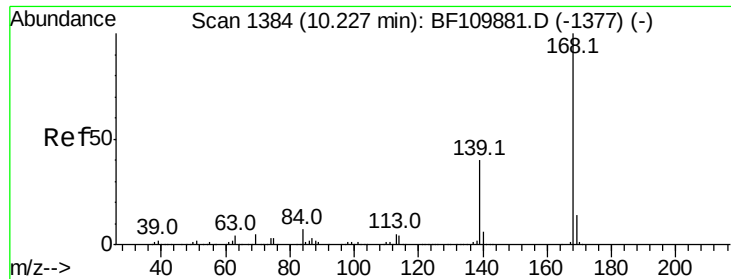
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#54
2,4-Dinitrophenol
Concen: 81.091 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	55.8	83.6#
154	58.4	63.2	94.8#





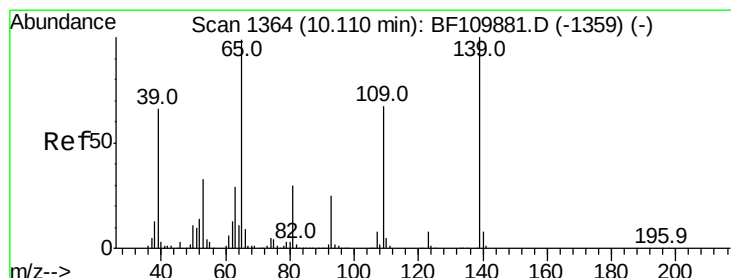
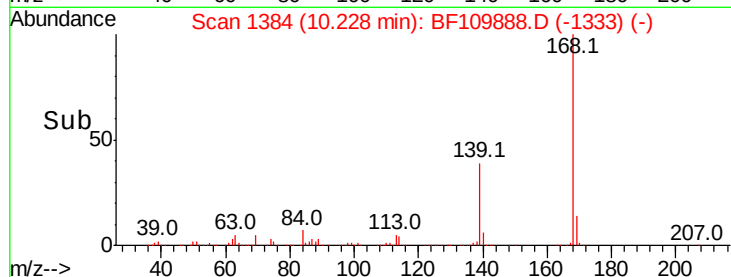
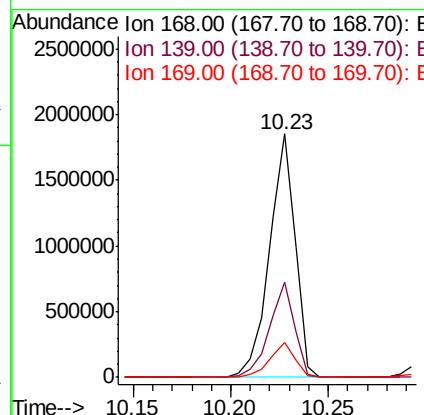
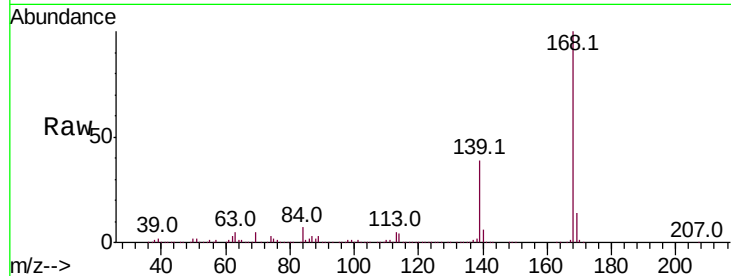
#55
Dibenzofuran
Concen: 44.947 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	33.0	49.6
169	14.2	11.3	16.9

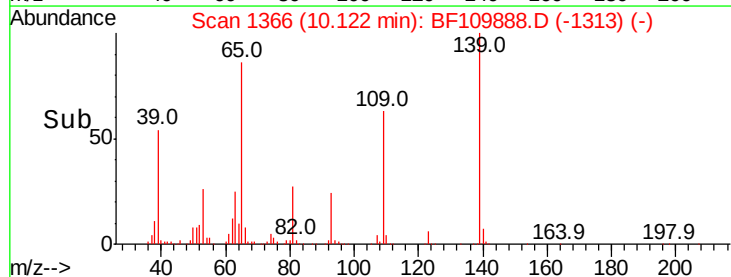
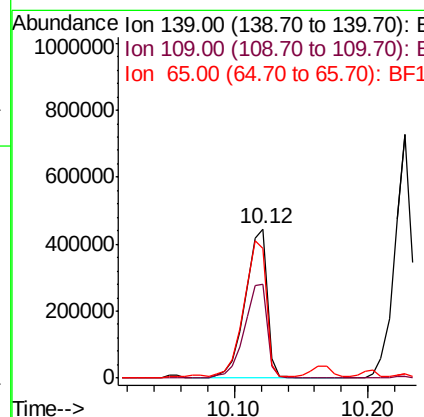
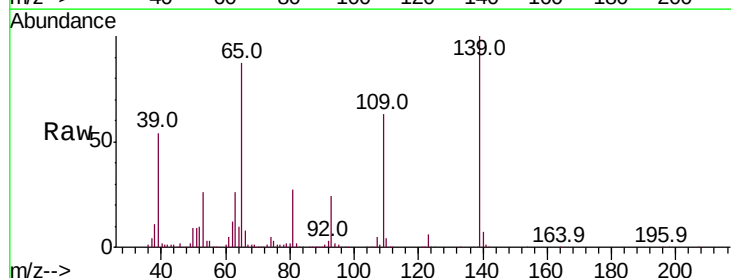
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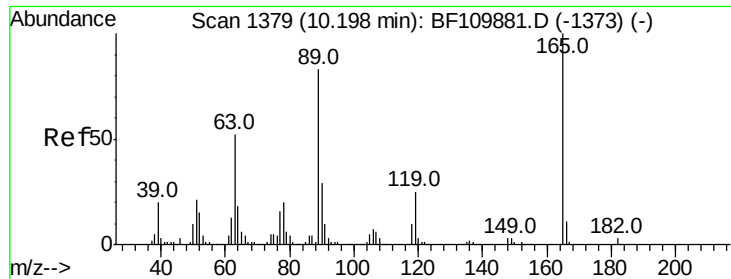
Sohil
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#56
4-Nitrophenol
Concen: 93.538 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.2	55.8	95.8
65	86.8	77.9	117.9





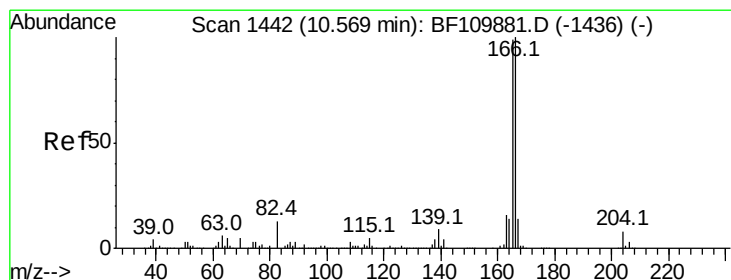
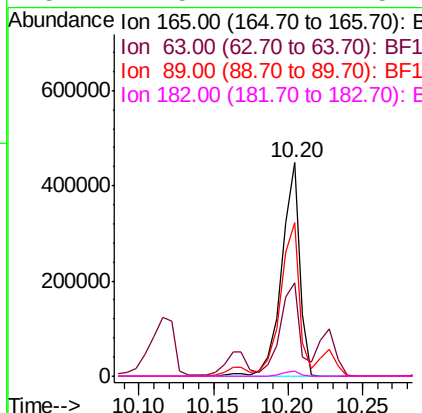
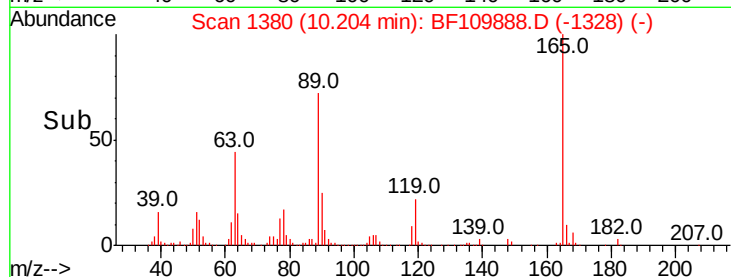
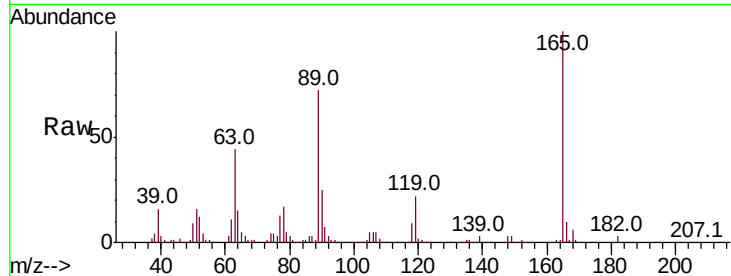
#57
2,4-Dinitrotoluene
Concen: 51.953 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.1	44.8	67.2#	
89	71.8	62.2	93.4	
182	2.5	2.1	3.1	

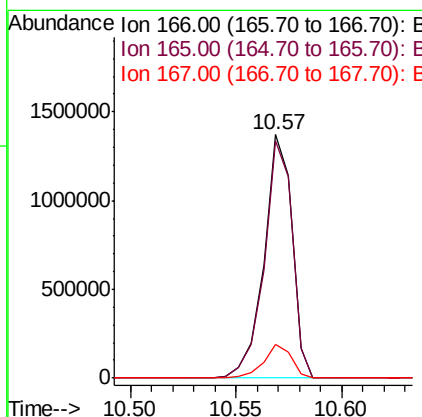
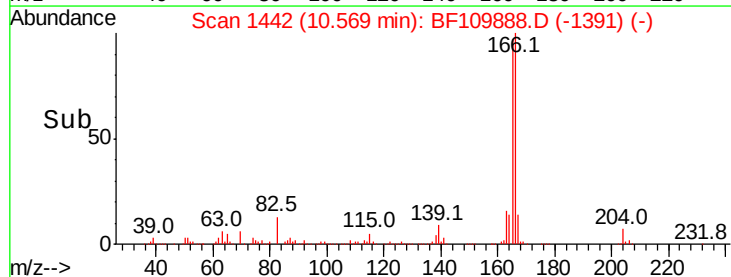
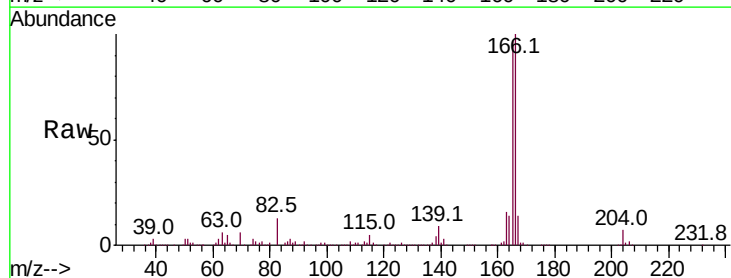
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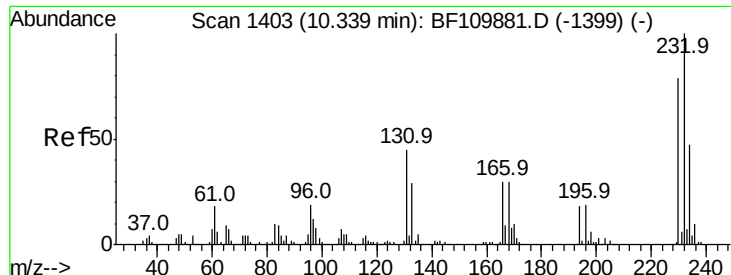
Sohil
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#58
Fluorene
Concen: 46.380 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.4	78.6	117.8	
167	13.9	10.8	16.2	





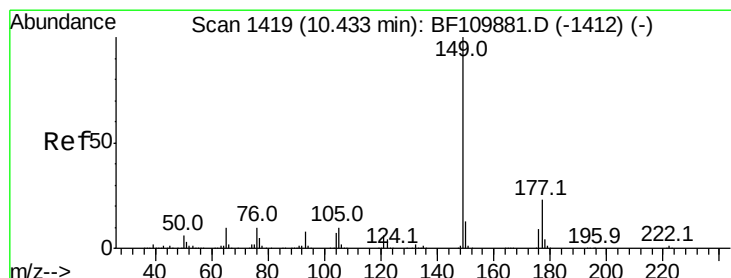
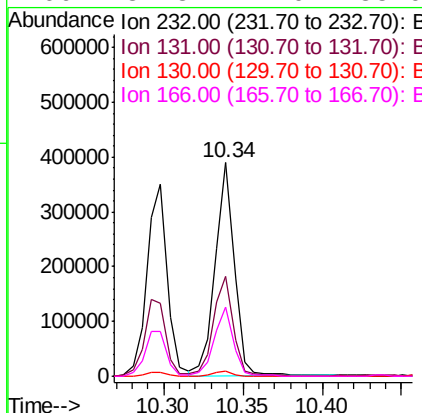
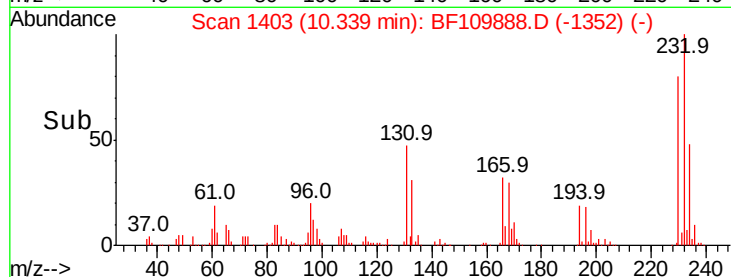
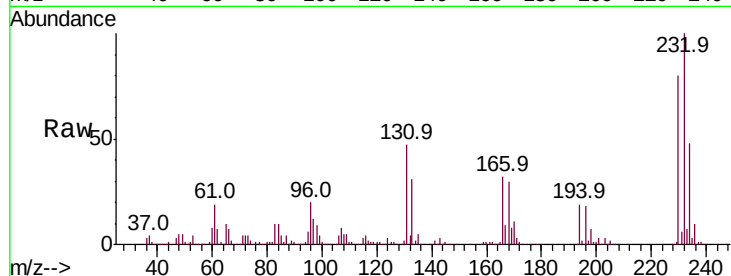
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.772 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113836BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.0	55.4
130	2.3	1.8	2.6
166	32.3	22.0	33.0

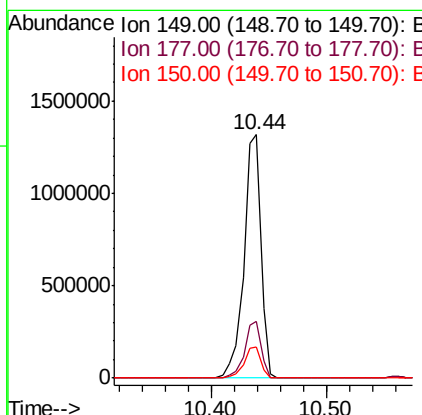
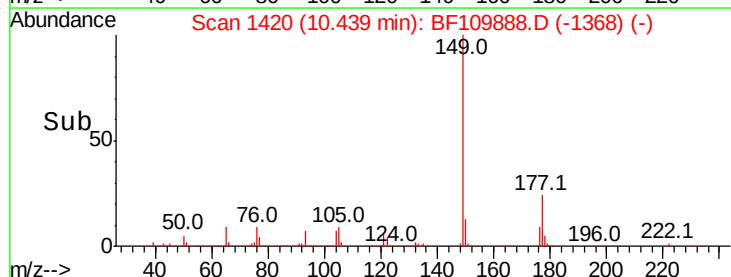
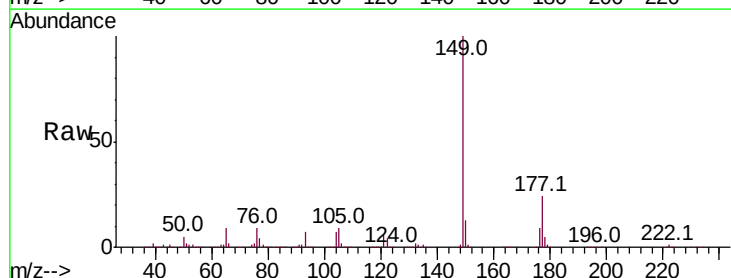
Manual Integrations
 APPROVED

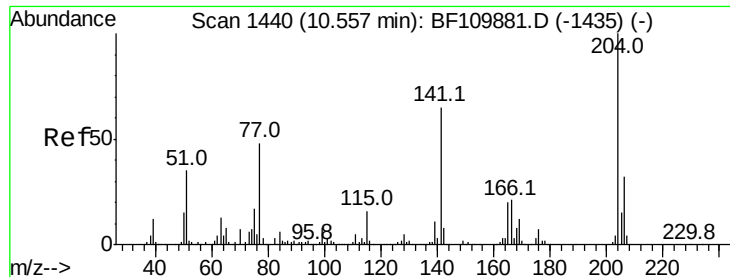
Sohil
 10/16/2018 9:57:31 AM



#60
 Diethylphthalate
 Concen: 44.337 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.4	26.2
150	12.7	9.8	14.8





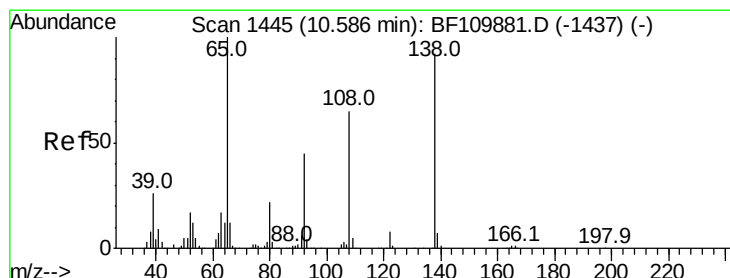
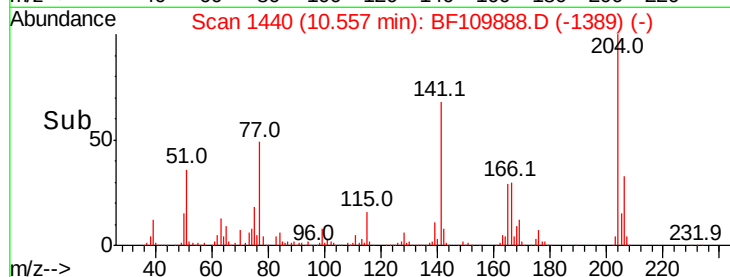
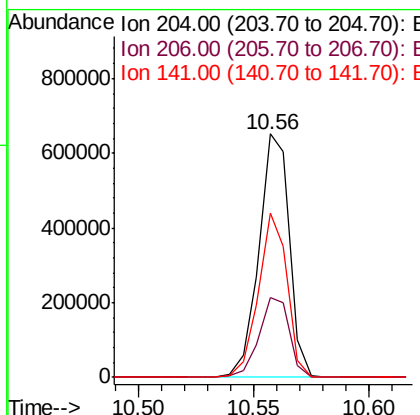
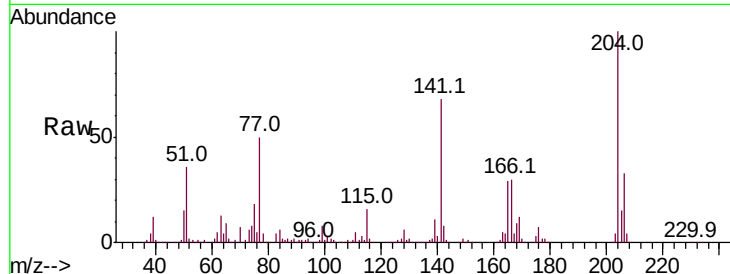
#61
4-Chlorophenyl-phenylether
Concen: 42.121 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	67.7	51.8	77.8

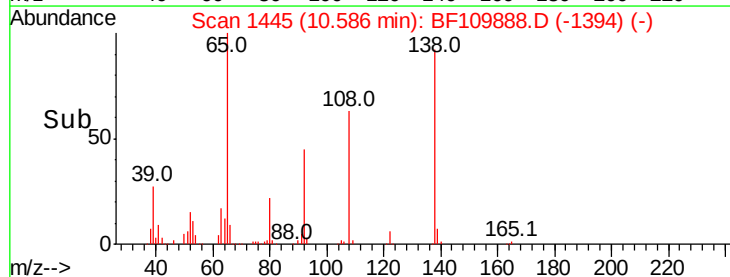
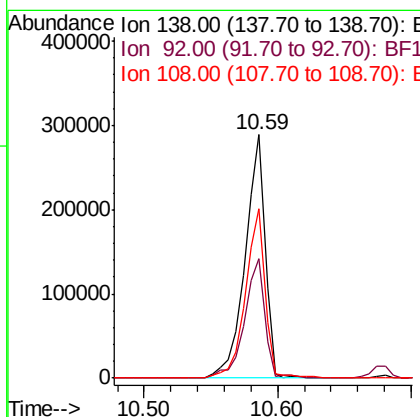
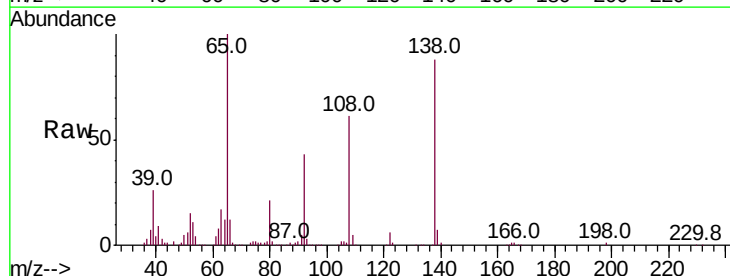
Manual Integrations
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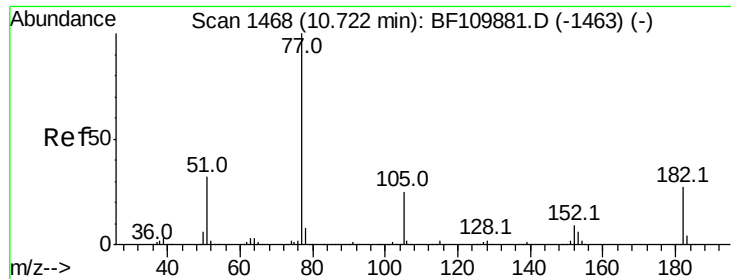
Sohil
10/16/2018 9:57:31 AM



#62
4-Nitroaniline
Concen: 44.344 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.7	71.7
108	69.8	59.3	99.3





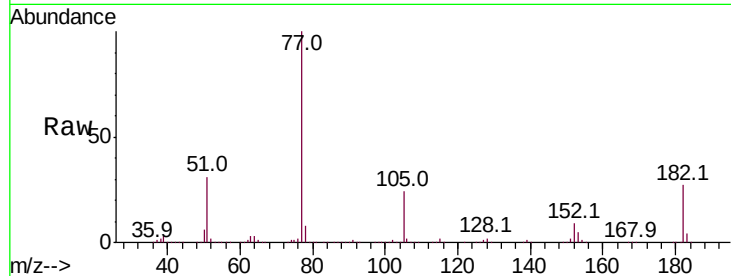
#63
Azobenzene
Concen: 43.565 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.3	44.3
105	23.9	1.3	41.3
51	31.4	9.0	49.0

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:31 AM



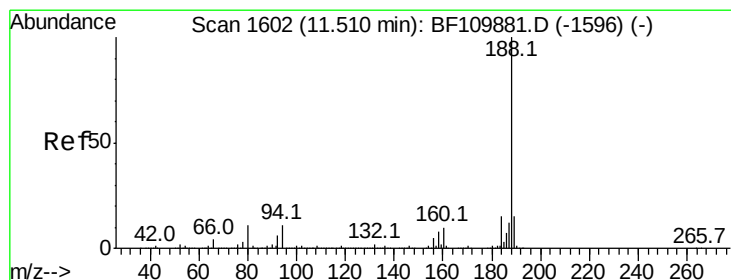
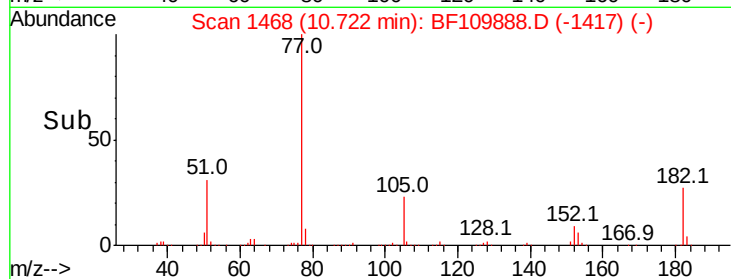
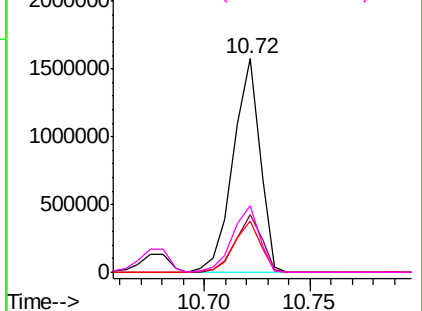
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

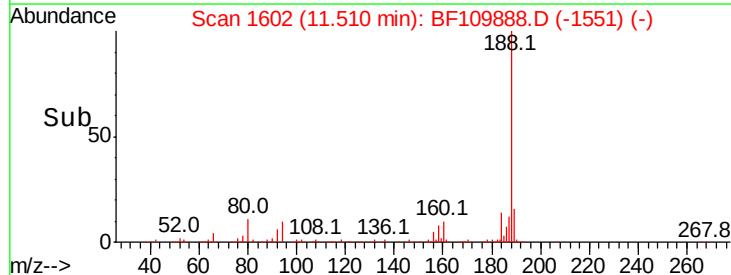
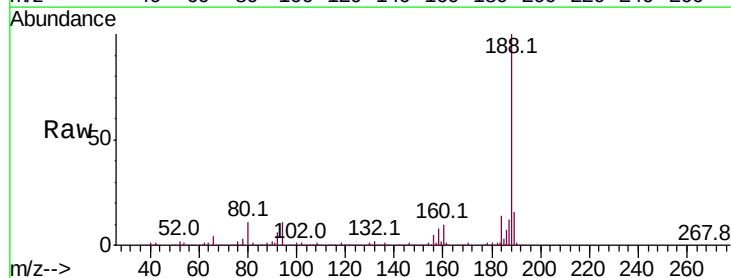
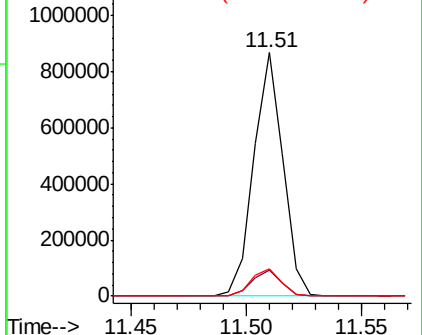
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.2	10.8
80	11.1	7.9	11.9

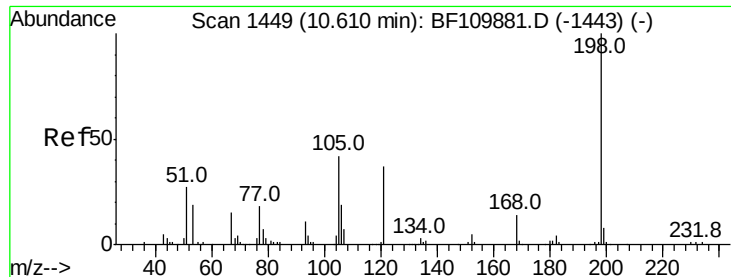
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





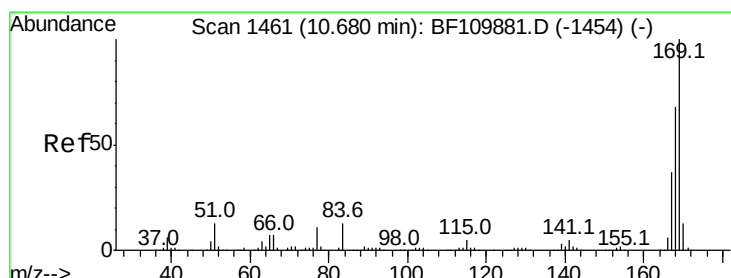
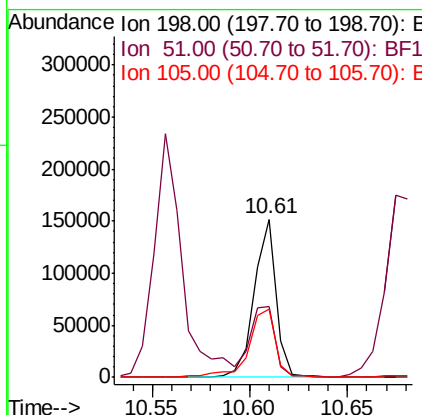
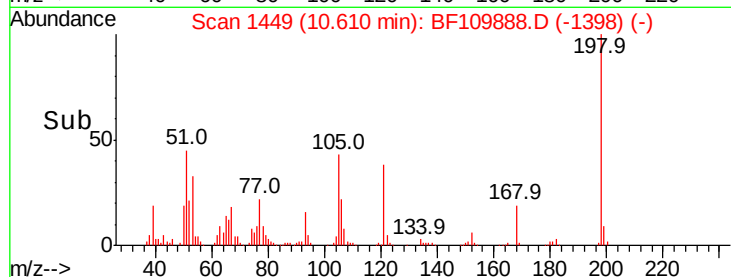
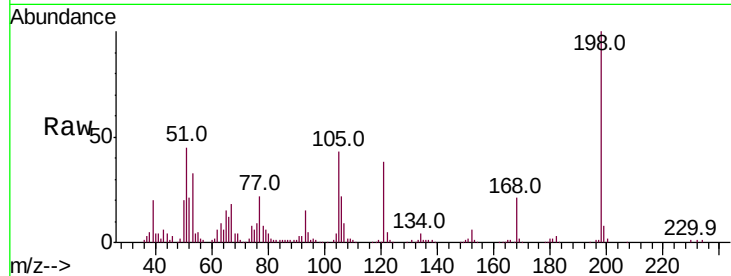
#65
4,6-Dinitro-2-methylphenol
Concen: 43.165 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	117830		
51	45.2	22.8	62.8	
105	43.2	23.6	63.6	

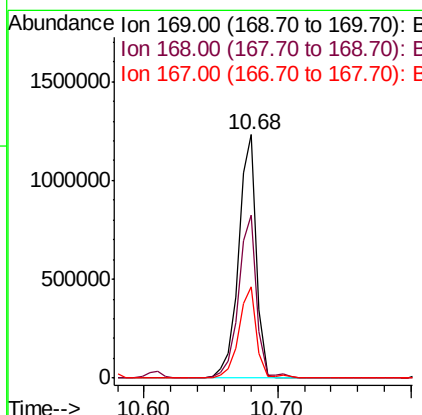
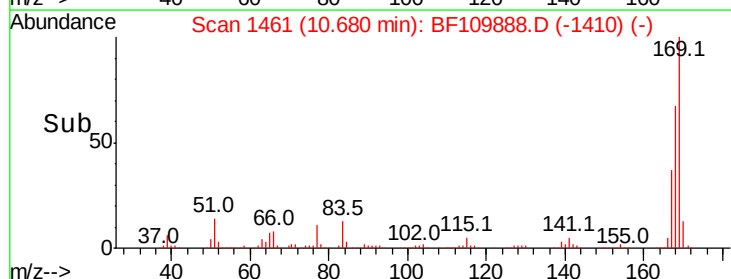
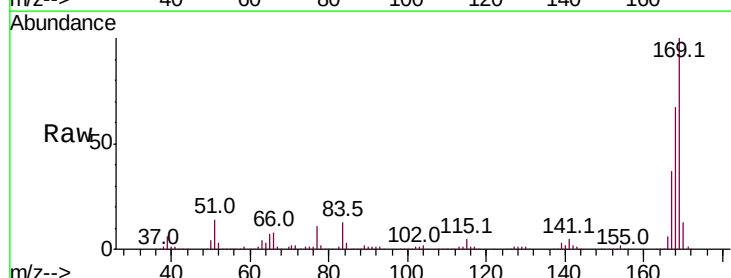
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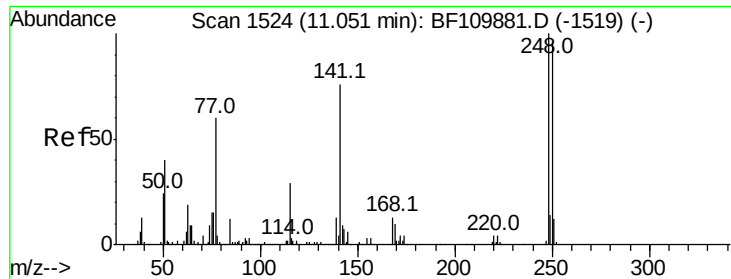
Sohil
10/16/2018 9:57:31 AM



#66
n-Nitrosodiphenylamine
Concen: 44.399 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1139391		
168	66.9	51.2	76.8	
167	37.3	27.8	41.6	





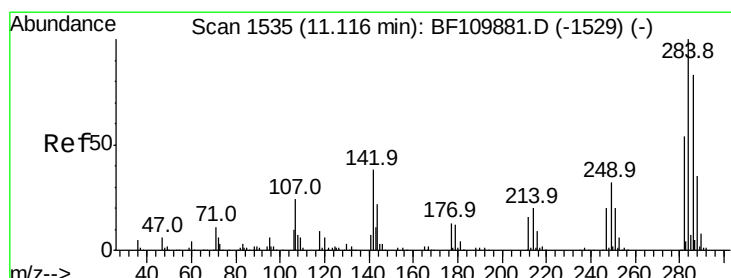
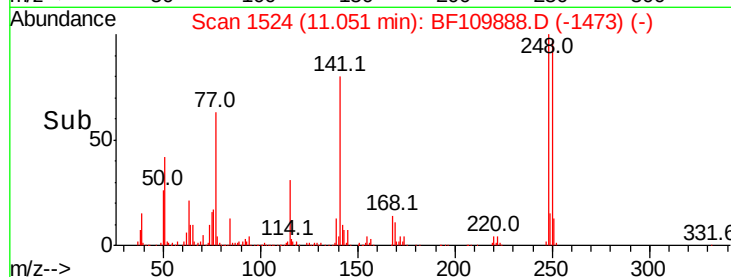
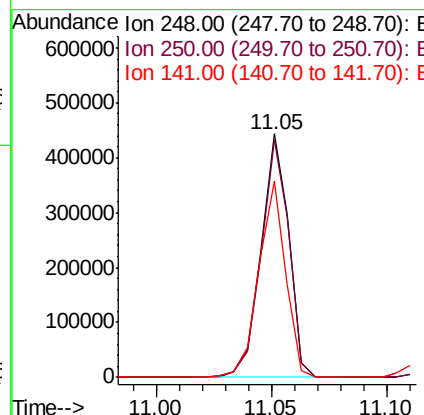
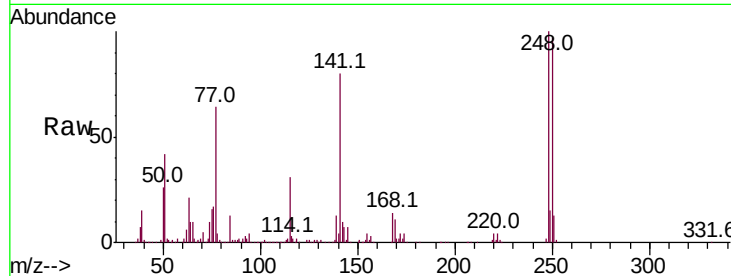
#67
4-Bromophenyl-phenylether
Concen: 44.463 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	80.5	55.9	83.9

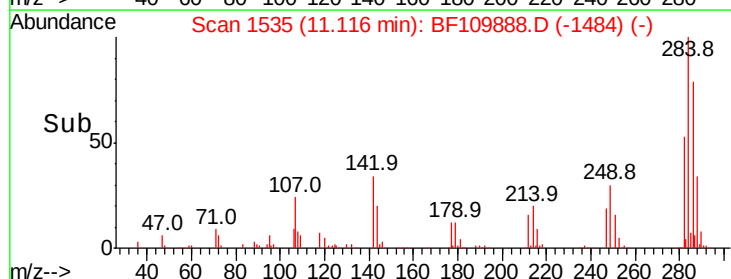
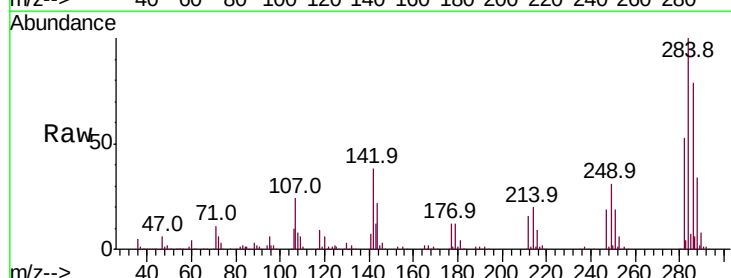
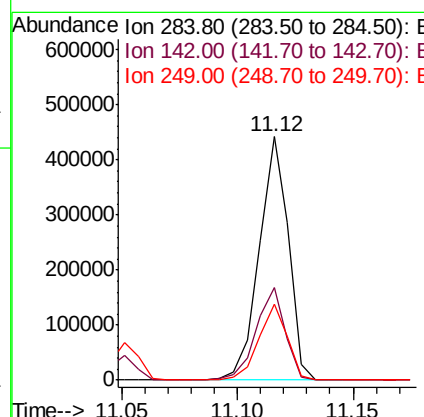
Manual Integrations
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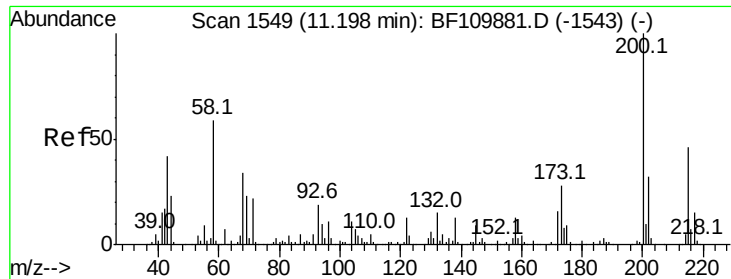
Sohil
10/16/2018 9:57:31 AM



#68
Hexachlorobenzene
Concen: 43.801 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	23.9	35.9#
249	31.1	24.2	36.2





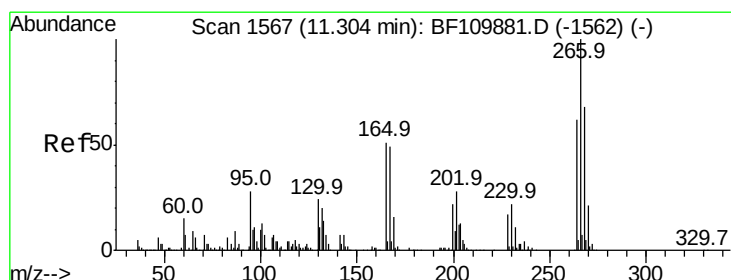
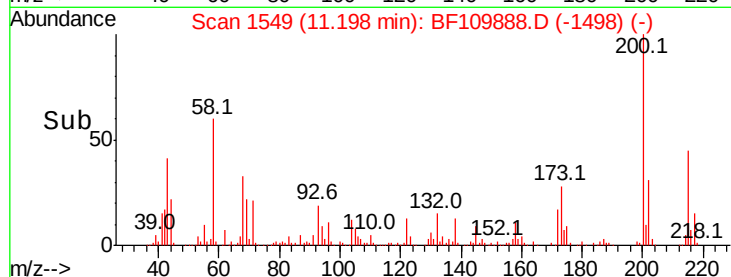
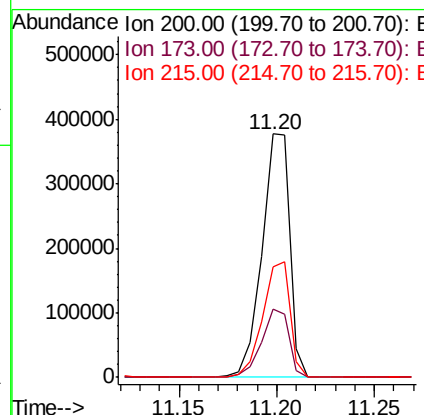
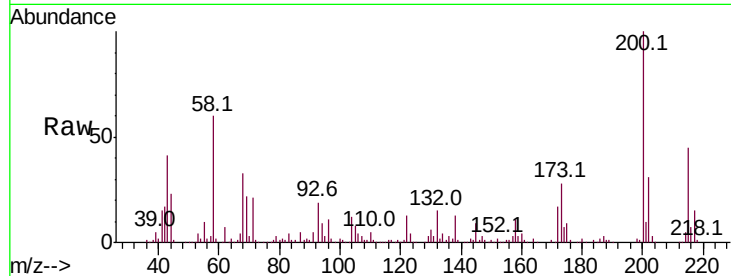
#69
Atrazine
Concen: 46.272 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	6.6	46.6
215	45.1	26.3	66.3

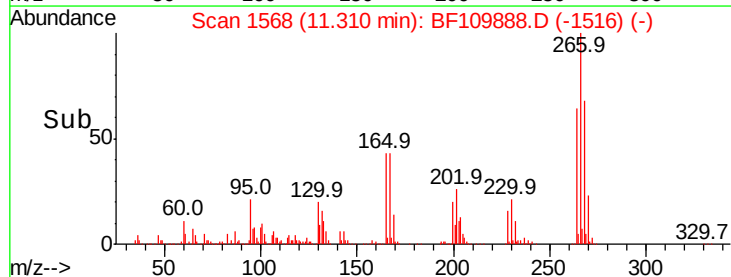
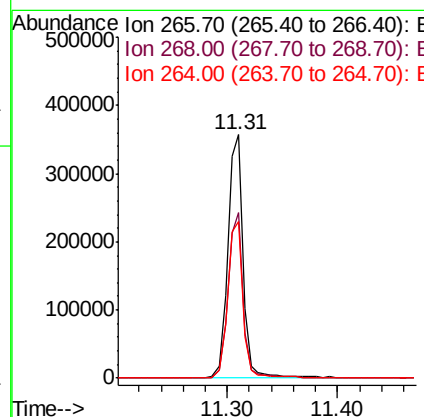
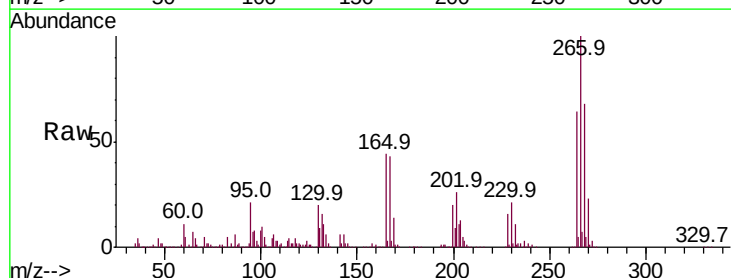
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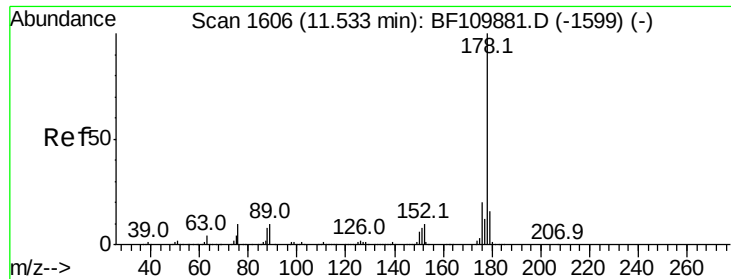
Sohil
10/16/2018 9:57:31 AM



#70
Pentachlorophenol
Concen: 68.665 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.9	50.6	75.8
264	64.4	50.6	75.8





#71

Phenanthrene

Concen: 45.672 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion:178 Resp: 1821853

Ion Ratio Lower Upper

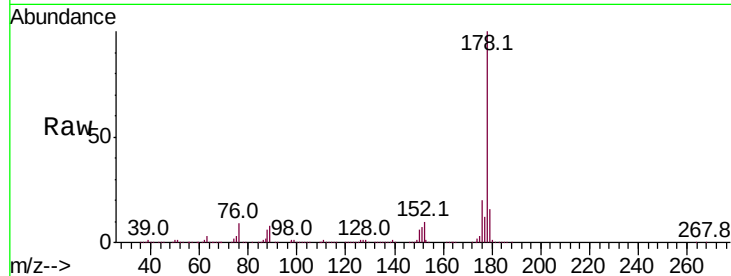
178 100

176 19.9 15.5 23.3

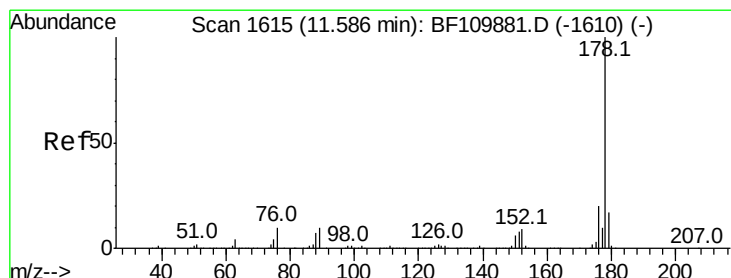
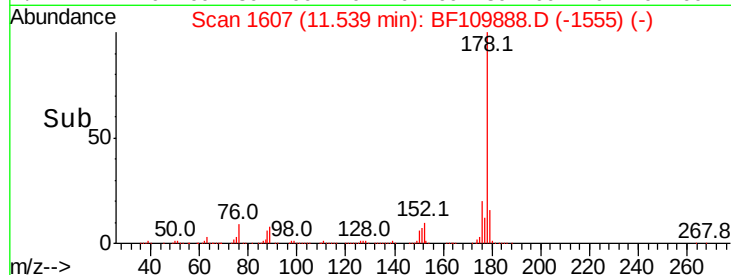
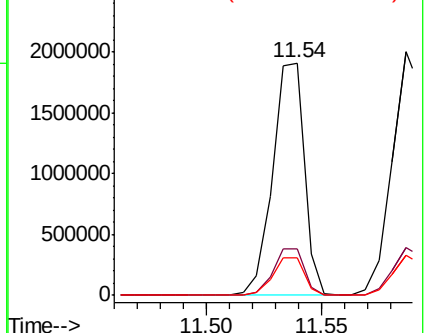
179 16.2 12.5 18.7

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: 47.655 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

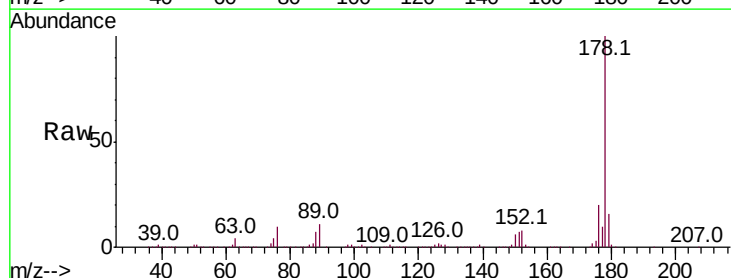
Tgt Ion:178 Resp: 1911144

Ion Ratio Lower Upper

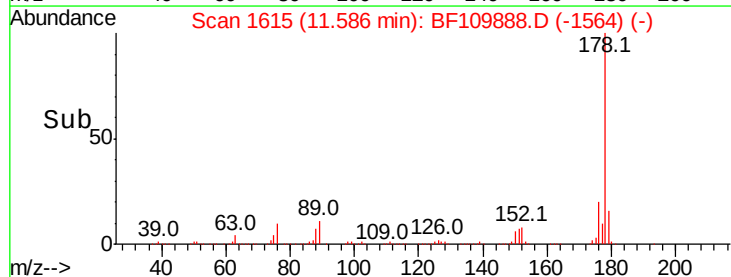
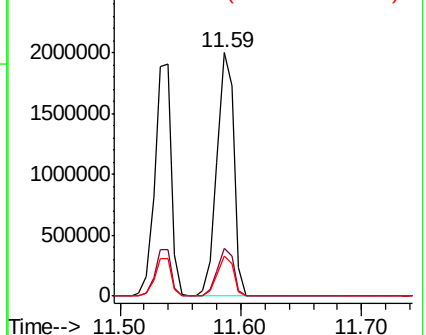
178 100

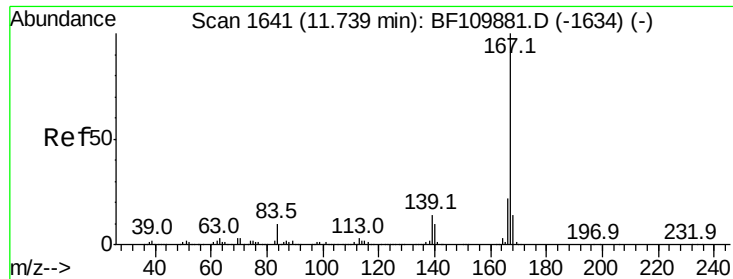
176 19.7 15.4 23.2

179 16.4 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





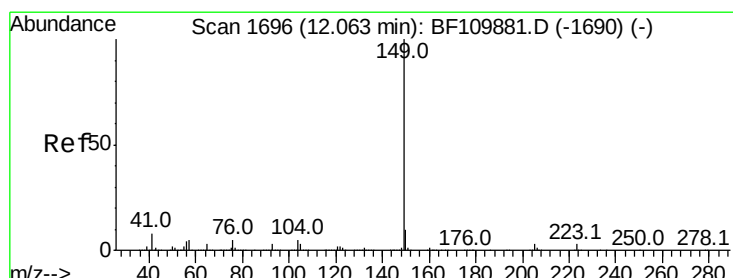
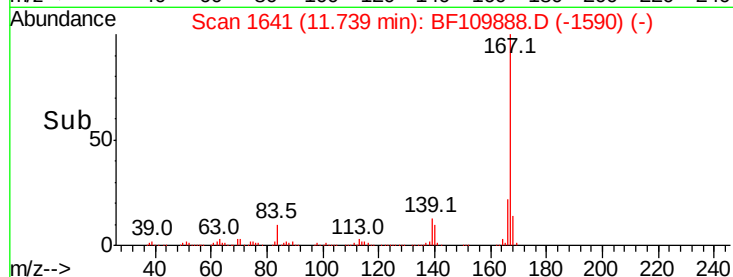
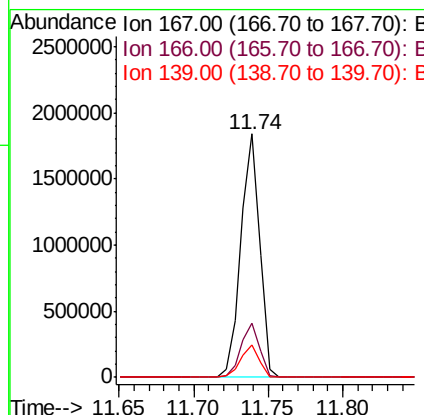
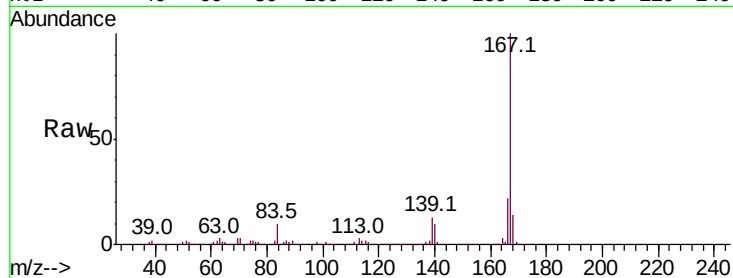
#73
 Carbazole
 Concen: 41.283 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113836BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.4	10.9	16.3

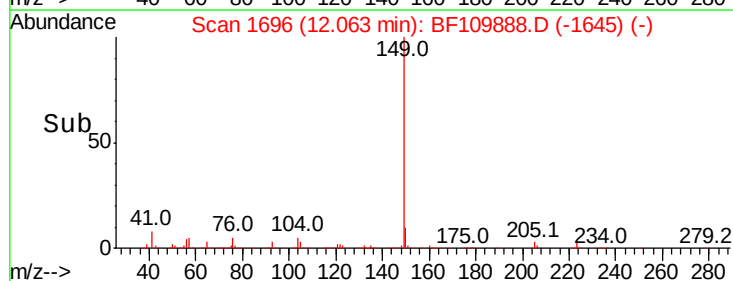
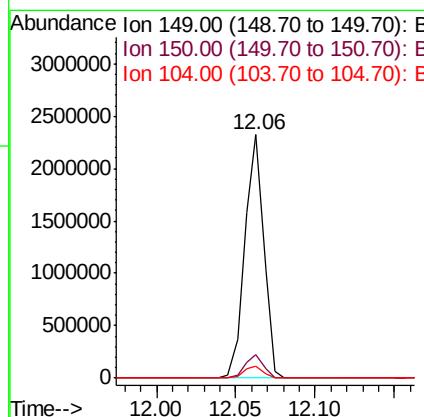
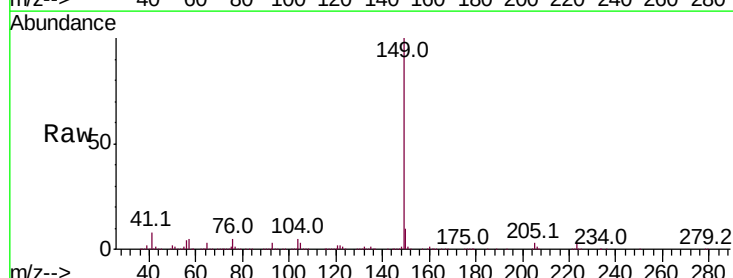
Manual Integrations
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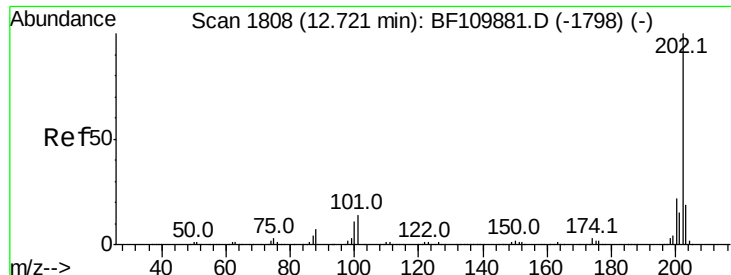
Sohil
 10/16/2018 9:57:31 AM



#74
 Di-n-butylphthalate
 Concen: 43.297 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.1	4.2	6.4





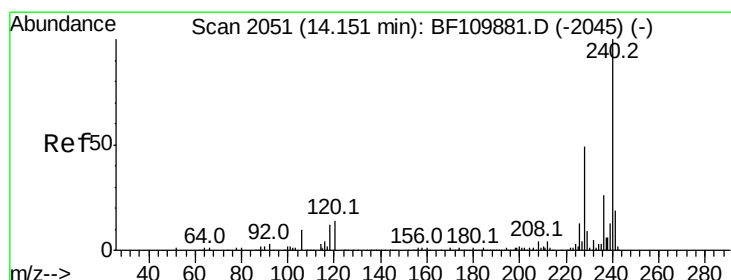
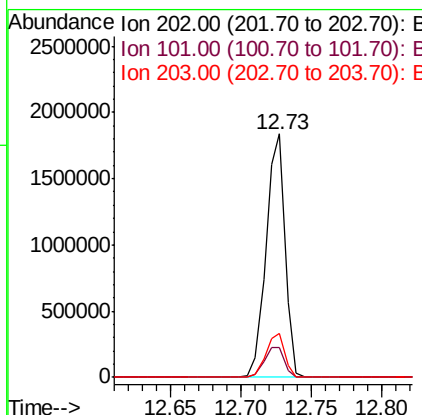
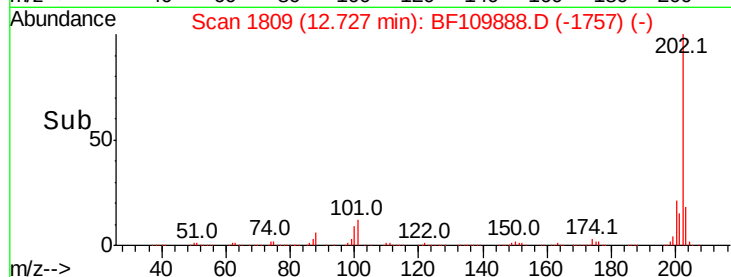
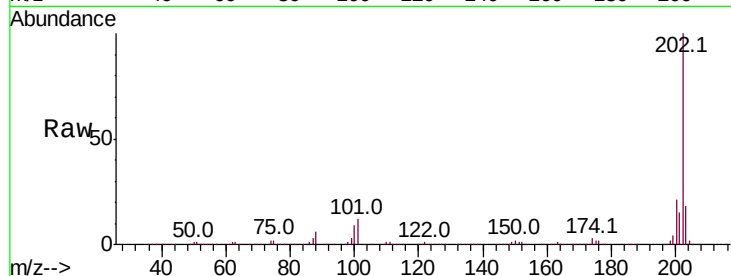
#75
Fluoranthene
Concen: 43.789 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.1	0.0	37.7

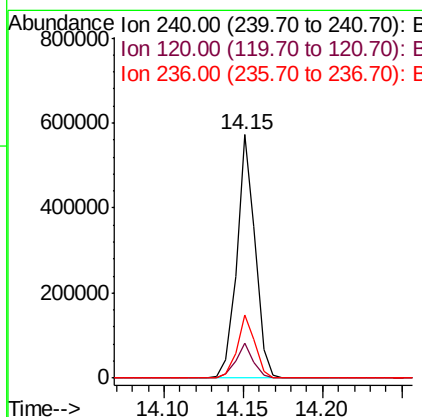
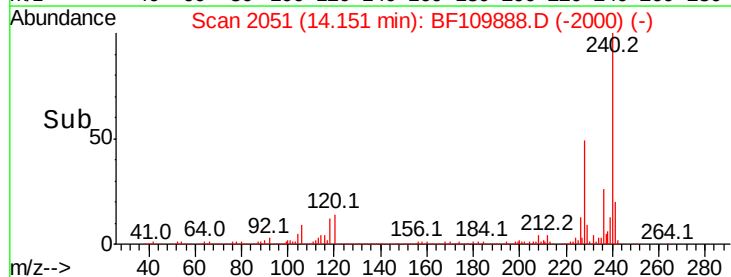
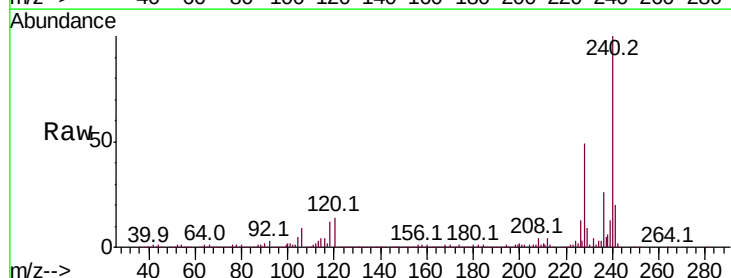
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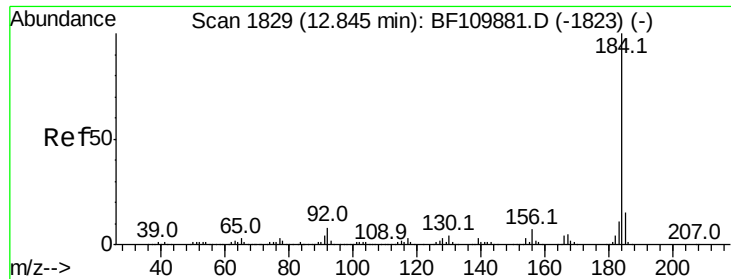
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	25.9	21.2	31.8





#77

Benzidine

Concen: 24.611 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion:184 Resp: 430575

Ion Ratio Lower Upper

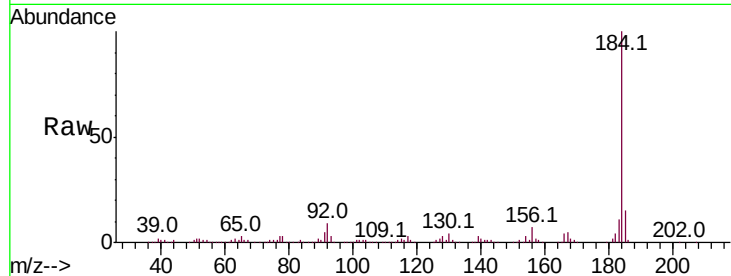
184 100

185 14.9 13.4 20.2

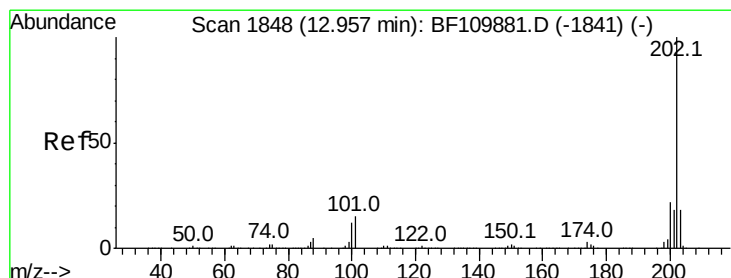
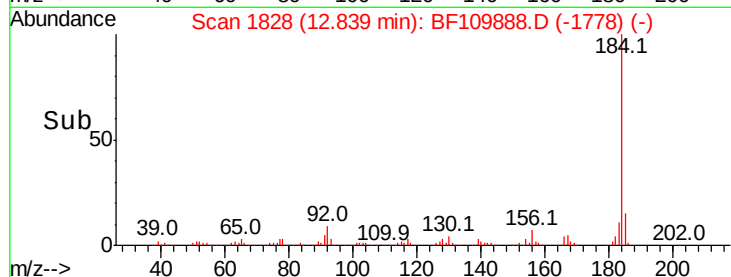
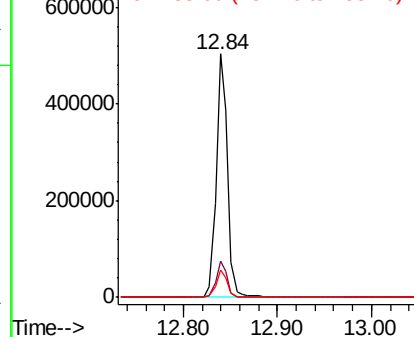
183 11.2 9.4 14.2

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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: 51.530 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

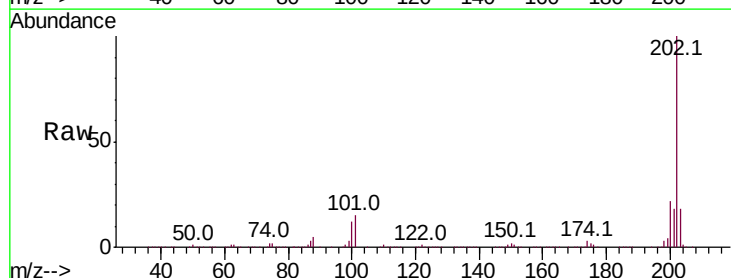
Tgt Ion:202 Resp: 1727010

Ion Ratio Lower Upper

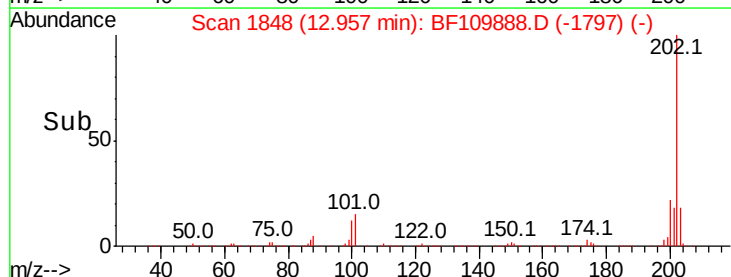
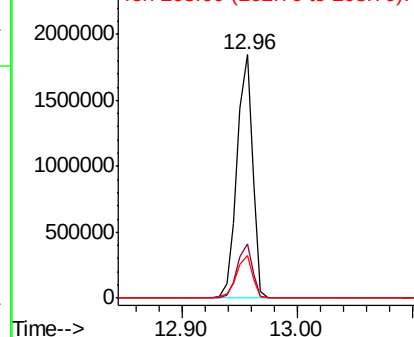
202 100

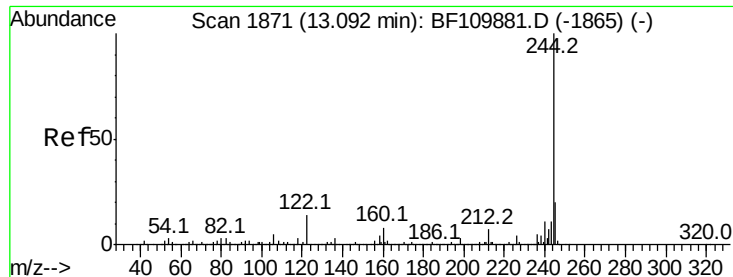
200 22.2 17.8 26.6

203 17.6 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





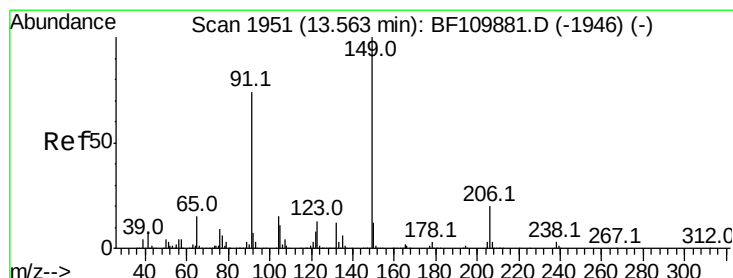
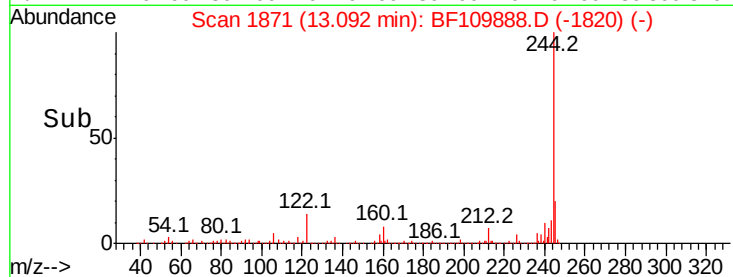
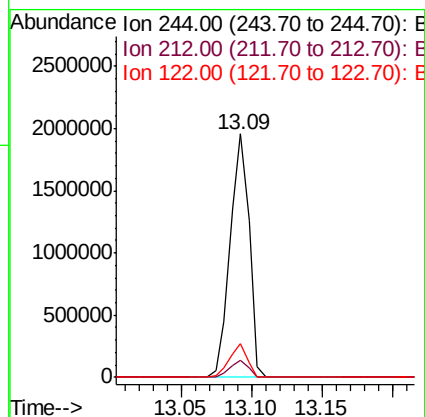
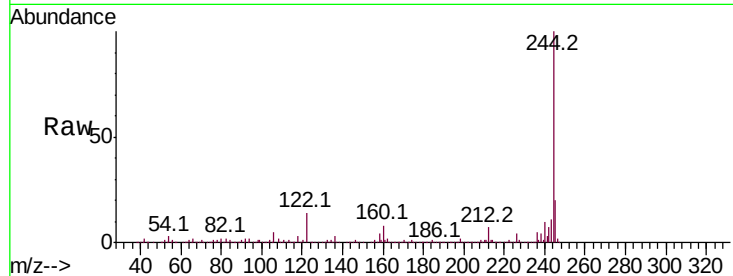
#79
 Terphenyl-d14
 Concen: 84.033 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113836BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.7	8.7	13.1

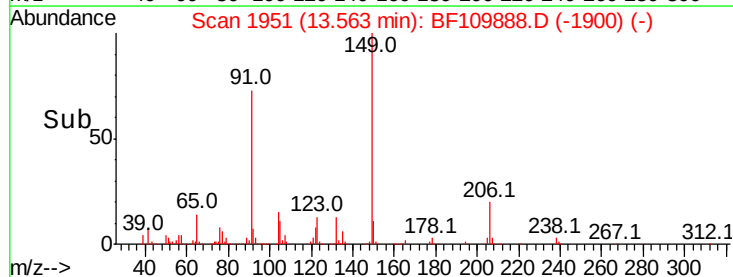
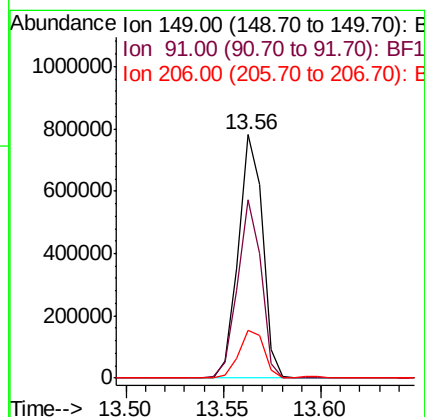
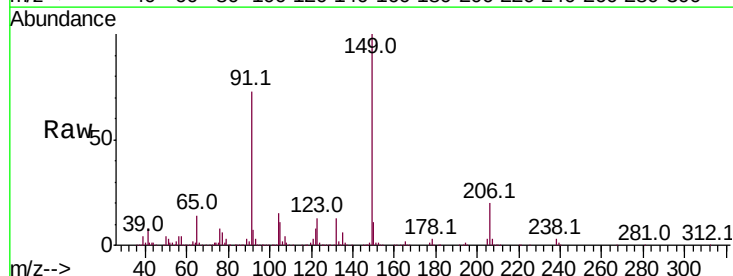
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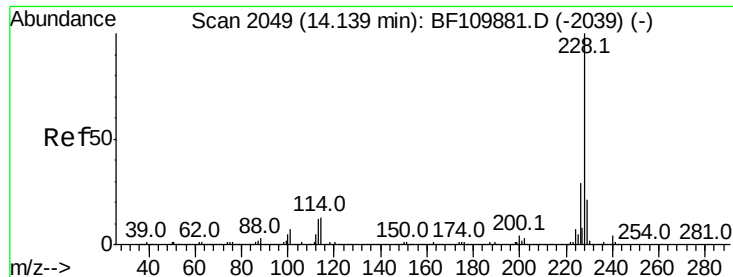
Sohil
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#80
 Butylbenzylphthalate
 Concen: 49.815 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	57.2	85.8
206	19.7	15.7	23.5





#81

Benzo(a)anthracene

Concen: 48.537 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

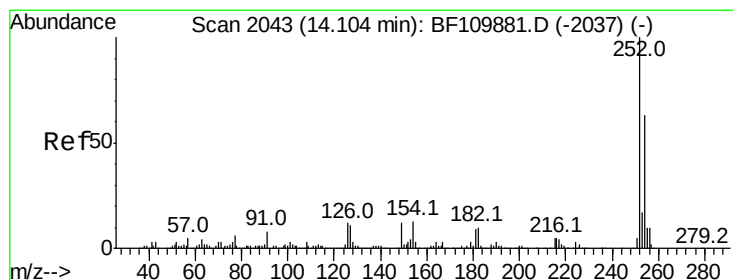
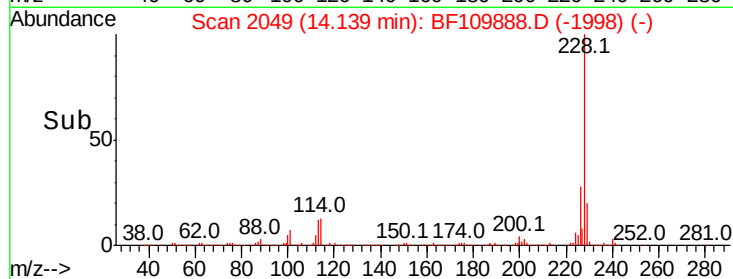
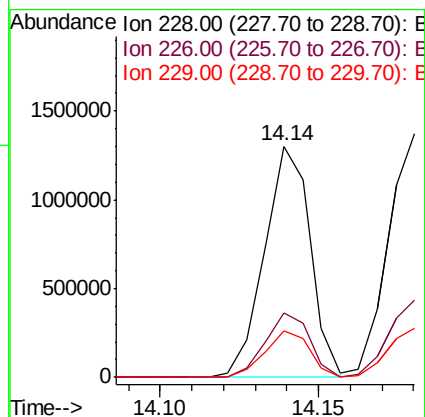
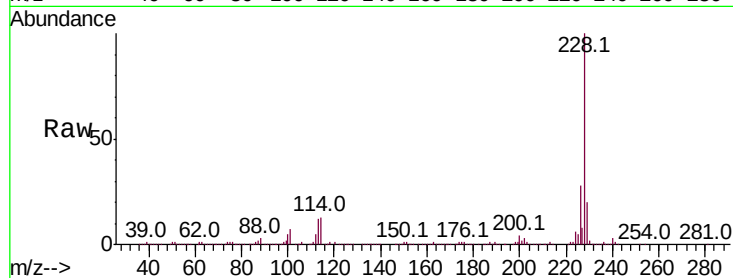
ClientSampleId :

PB113836BSD

Tot Ion:	228	Resp:	1304577
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.1	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 21.591 ng

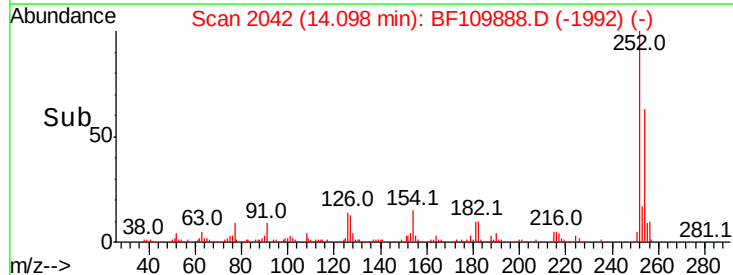
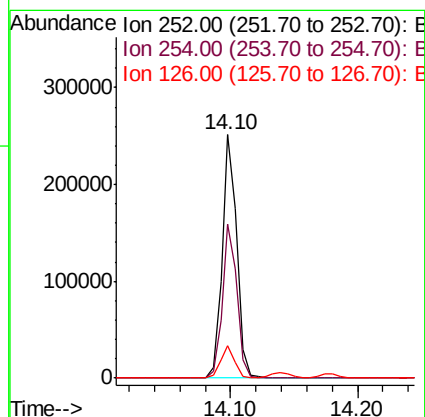
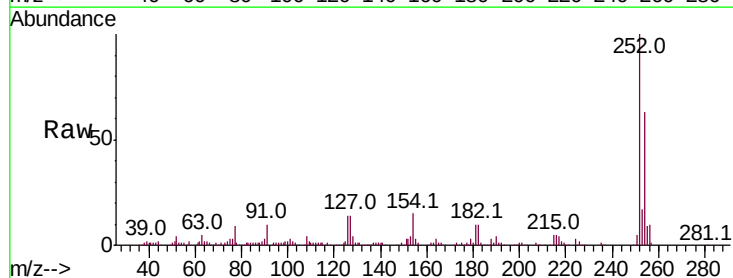
RT: 14.10 min Scan# 2042

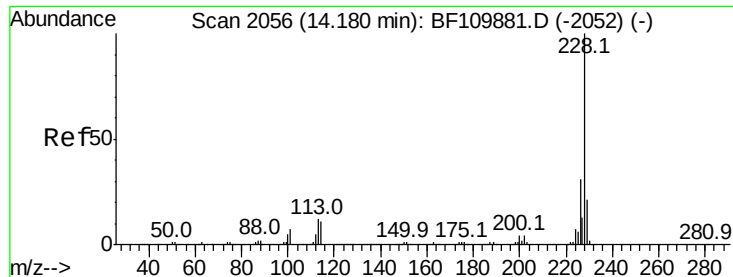
Delta R.T. -0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Tgt Ion:	252	Resp:	203452
Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	13.5	9.4	14.2





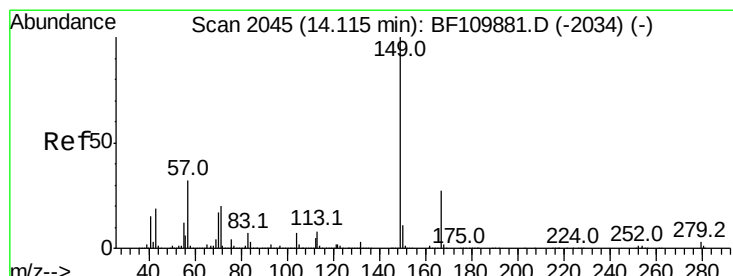
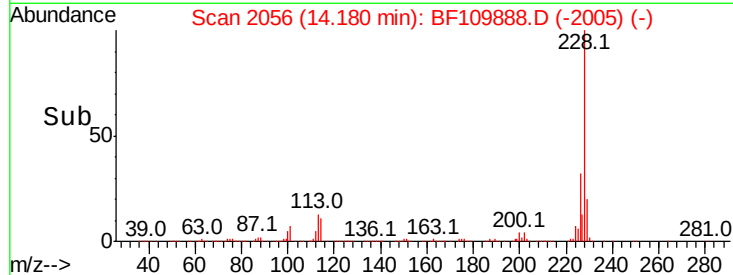
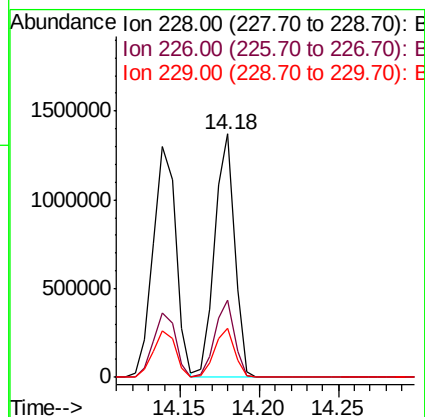
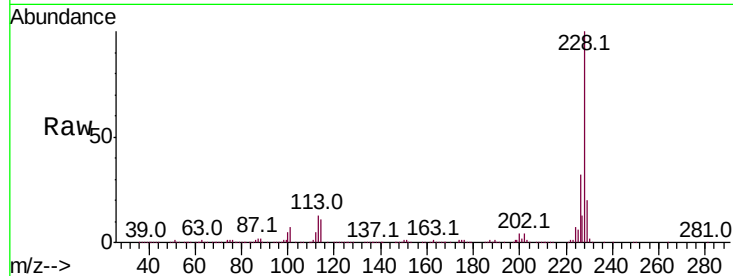
#83
 Chrysene
 Concen: 47.122 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113836BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	20.3	15.9	23.9

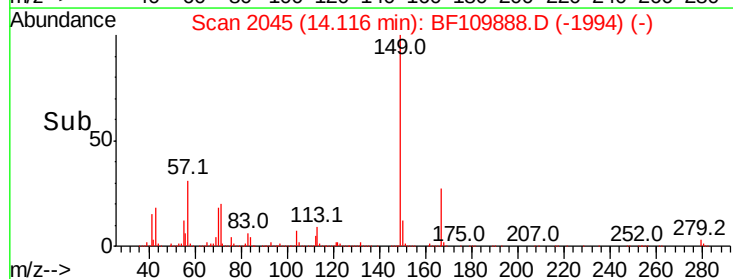
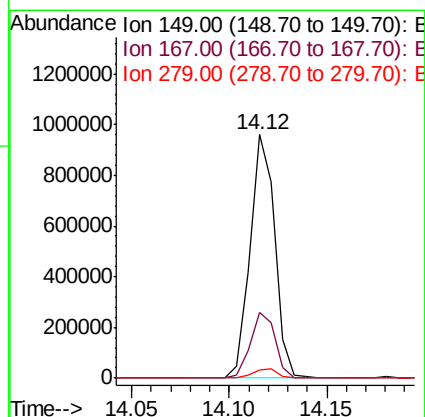
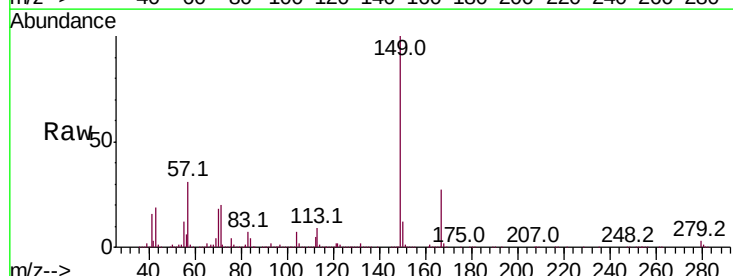
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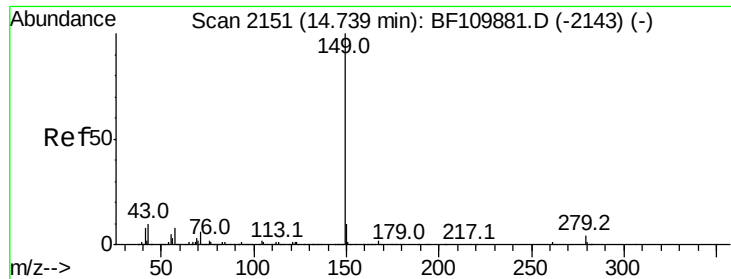
Sohil
 10/16/2018 9:57:31 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.118 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.8	29.8
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 52.745 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

PB113836BSD

Tot Ion:149 Resp: 1325799

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

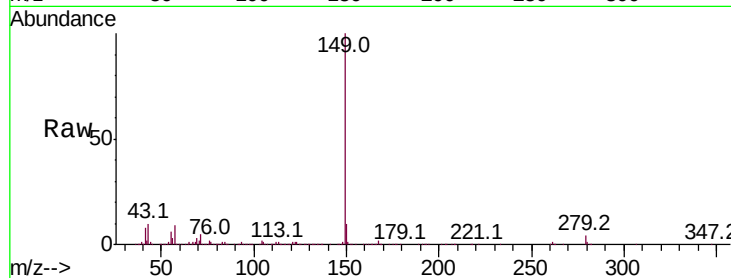
43 10.7 7.8 11.8

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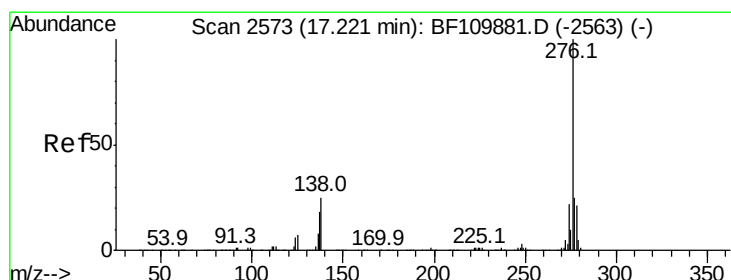
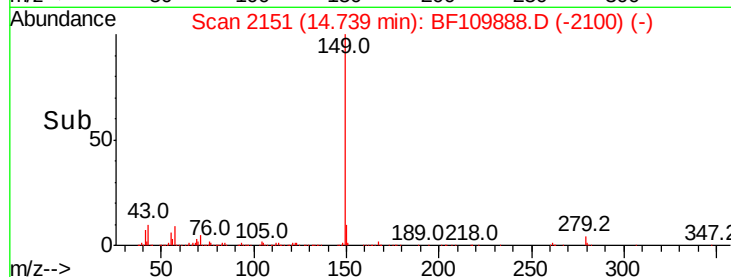
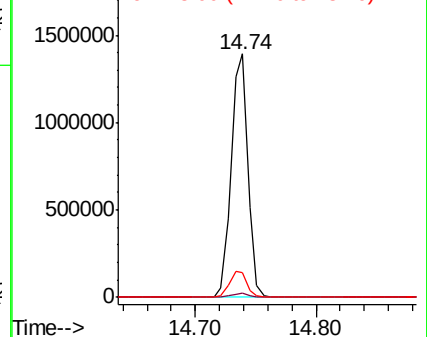
10/16/2018 9:57:31 AM



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: 84.835 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

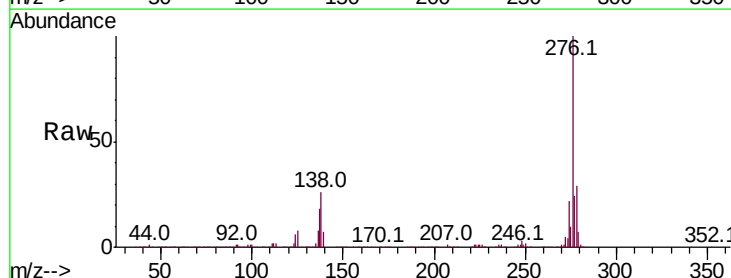
Tgt Ion:276 Resp: 1747492

Ion Ratio Lower Upper

276 100

138 29.7 18.5 27.7#

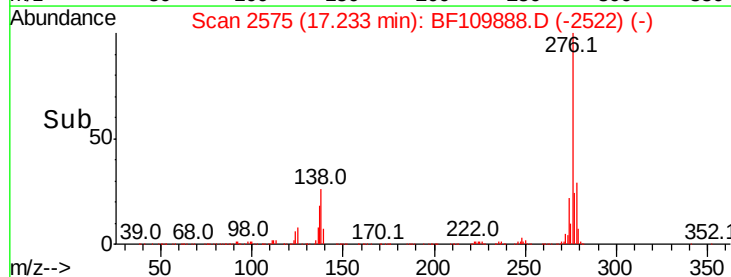
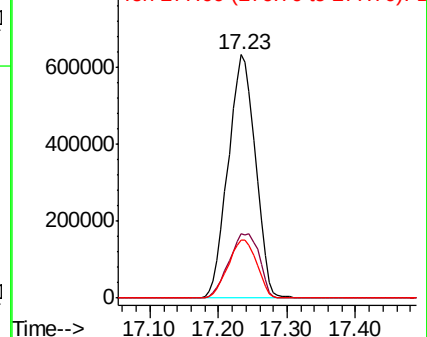
277 25.1 20.0 30.0

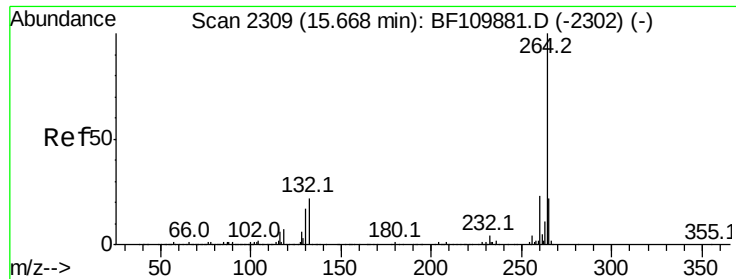


Abundance Ion 276.00 (275.70 to 276.70): E

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. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

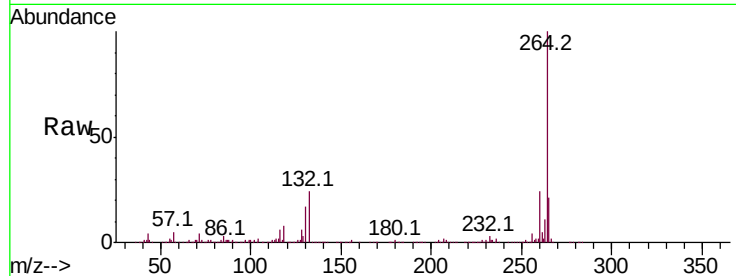
ClientSampled :

PB113836BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	16.7	25.1

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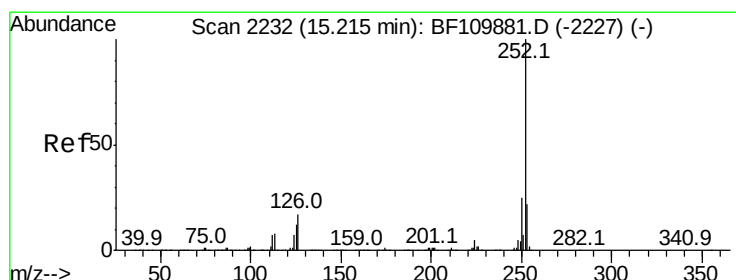
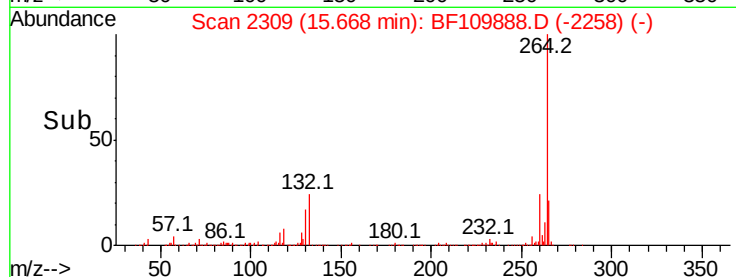
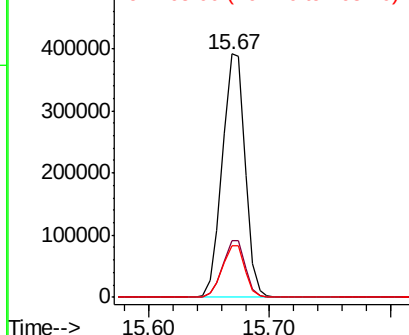


Abundance

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: 43.577 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

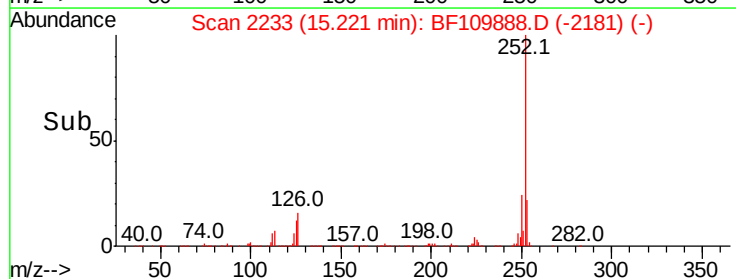
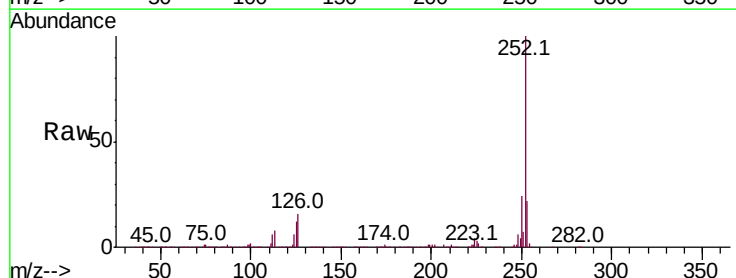
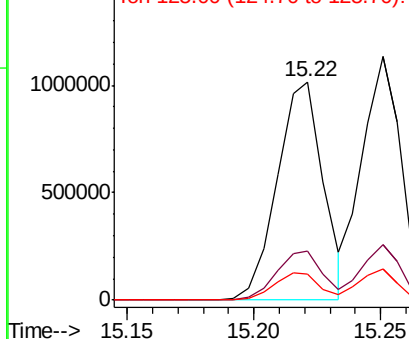
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.7	8.2	12.4

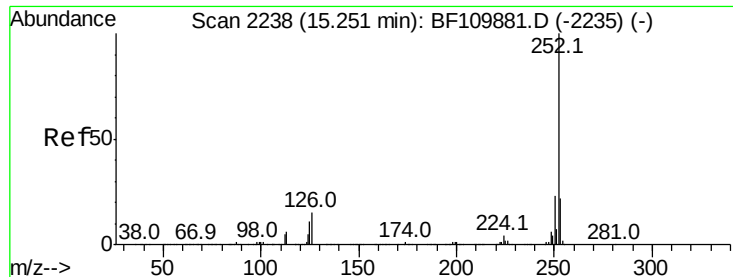
Abundance

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





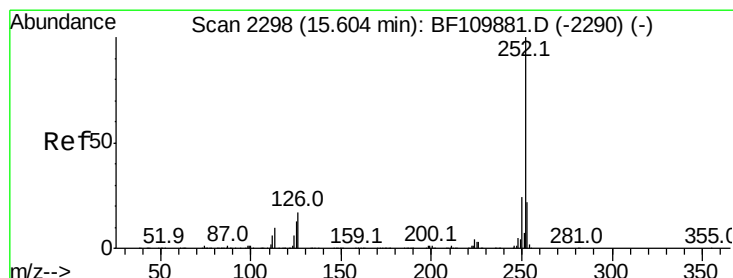
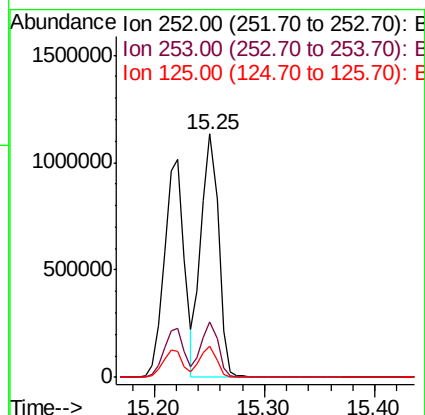
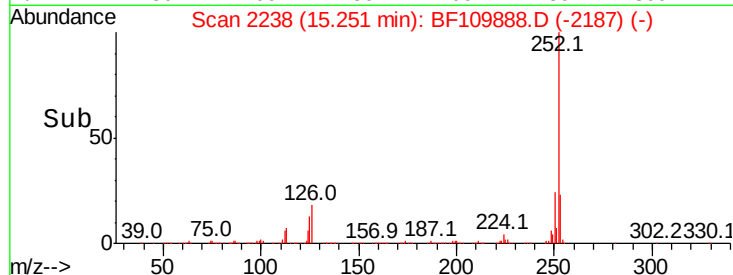
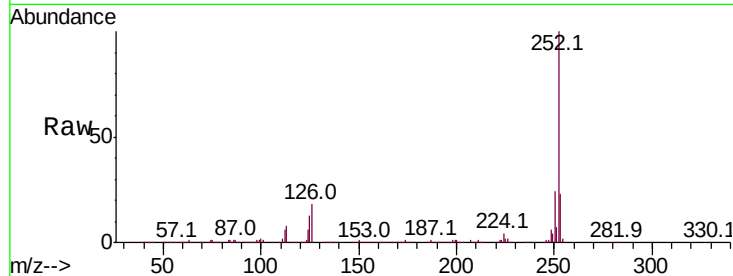
#89
Benzo(k)fluoranthene
Concen: 41.938 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

Tot Ion:252 Resp: 1218305
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 12.7 7.4 11.0#

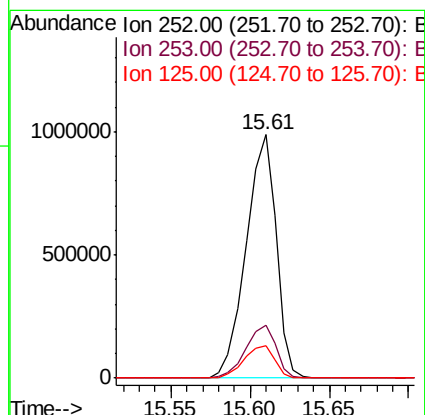
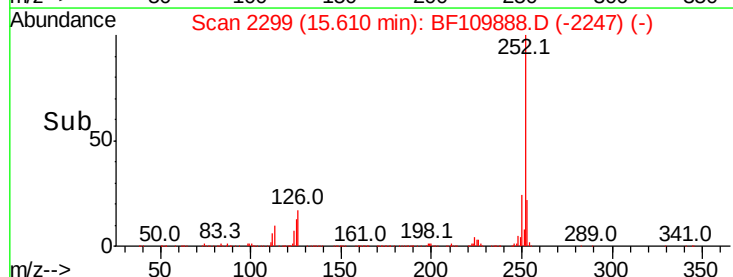
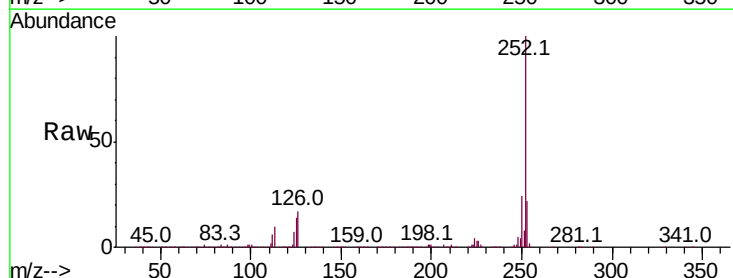
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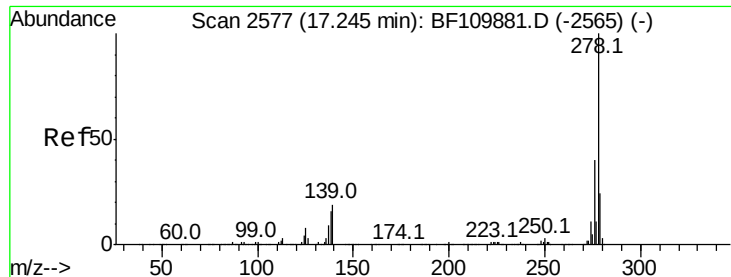
Sohil
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#90
Benzo(a)pyrene
Concen: 48.108 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:252 Resp: 1304027
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 13.5 9.0 13.6





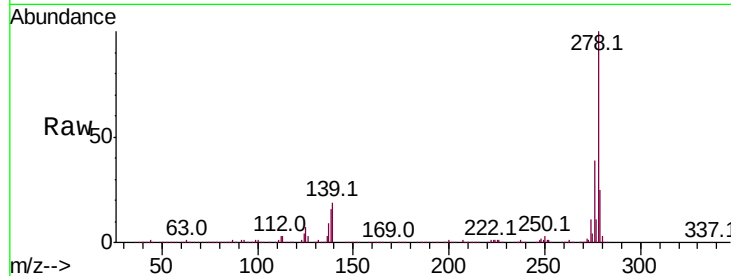
#91
Dibenzo(a,h)anthracene
Concen: 59.478 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
PB113836BSD

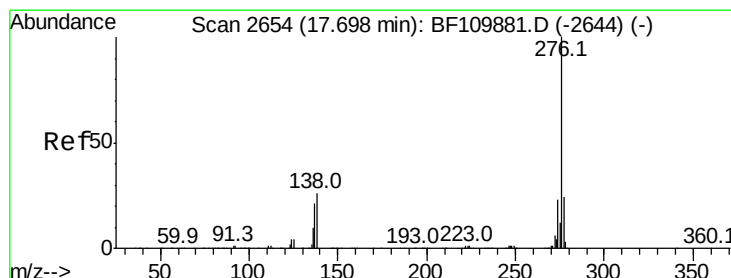
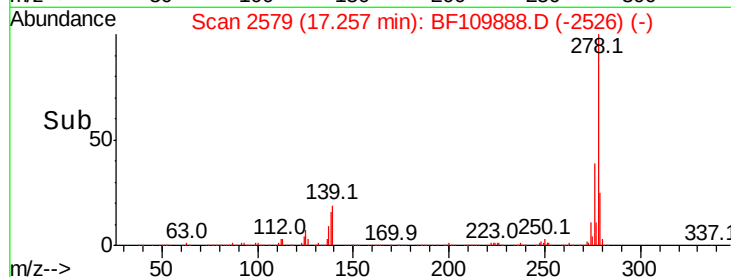
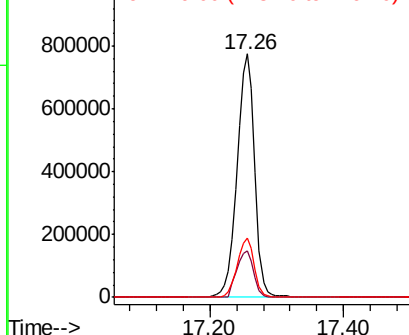
Tot Ion:278 Resp: 1428812
Ion Ratio Lower Upper
278 100
139 19.3 12.7 19.1#
279 24.5 19.0 28.4

Manual Integrations
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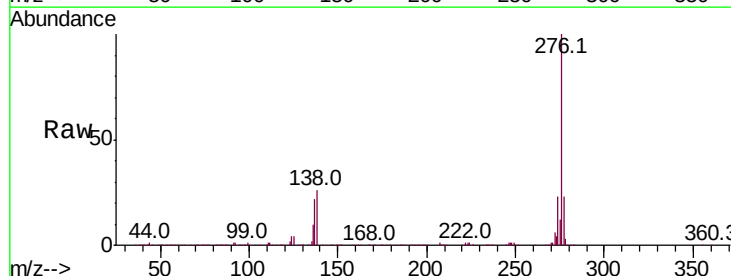


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 61.485 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.02 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:276 Resp: 1492325
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 25.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

