

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109181.D
 Acq On : 20 Sep 2018 14:54
 Operator : JU/SJ
 Sample : PB113049BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Manual Integrations
 APPROVED

Sohil
 9/21/2018 10:37:48 AM

Quant Time: Sep 20 15:21:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139765	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	574475	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	279665	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	542908	20.00	ng	0.00
75) Chrysene-d12	13.86	240	368997	20.00	ng	0.00
86) Perylene-d12	15.26	264	317401	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	880210	104.60	ng	0.02
7) Phenol-d6	6.37	99	1118456	103.08	ng	0.00
23) Nitrobenzene-d5	7.28	82	714316	69.74	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	313046	103.14	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1324986	74.23	ng	0.00
78) Terphenyl-d14	12.81	244	1299138	83.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	135880	33.921	ng	93
3) Pyridine	3.20	79	366236	34.489	ng	88
4) n-Nitrosodimethylamine	3.14	42	179213	44.687	ng	# 96
6) Aniline	6.38	93	442376	31.542	ng	# 76
8) 2-Chlorophenol	6.51	128	385366	40.921	ng	93
9) Benzaldehyde	6.27	77	195183	28.164	ng	98
10) Phenol	6.38	94	472537	38.703	ng	73
11) bis(2-Chloroethyl)ether	6.46	93	373011	38.834	ng	97
12) 1,3-Dichlorobenzene	6.67	146	419542	38.956	ng	99
13) 1,4-Dichlorobenzene	6.74	146	425295	39.364	ng	100
14) 1,2-Dichlorobenzene	6.90	146	393421	39.277	ng	97
15) Benzyl Alcohol	6.87	79	340604	41.347	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	523752	38.057	ng	94
17) 2-Methylphenol	6.98	107	317374	41.308	ng	95
18) Hexachloroethane	7.24	117	159571	40.665	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	280770	39.146	ng	98
20) 3+4-Methylphenols	7.14	107	376701	40.710	ng	# 71
22) Acetophenone	7.13	105	535607	41.055	ng	# 93
24) Nitrobenzene	7.30	77	416119	39.405	ng	98
25) Isophorone	7.55	82	770313	43.752	ng	98
26) 2-Nitrophenol	7.62	139	201465	40.857	ng	96
27) 2,4-Dimethylphenol	7.67	122	352970	45.634	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	478782	40.411	ng	99
29) 2,4-Dichlorophenol	7.87	162	333984	40.520	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	344083	38.618	ng	98
31) Naphthalene	8.02	128	1111287	41.678	ng	99
32) Benzoic acid	7.80	122	209042	41.361	ng	97
33) 4-Chloroaniline	8.07	127	315636	26.624	ng	99
34) Hexachlorobutadiene	8.15	225	209148	38.450	ng	97
35) Caprolactam	8.45	113	105899m	39.408	ng	
36) 4-Chloro-3-methylphenol	8.56	107	349778	40.312	ng	98
37) 2-Methylnaphthalene	8.72	142	754148	43.389	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	332241	37.745	ng	99
40) Hexachlorocyclopentadiene	8.88	237	369900	83.407	ng	98

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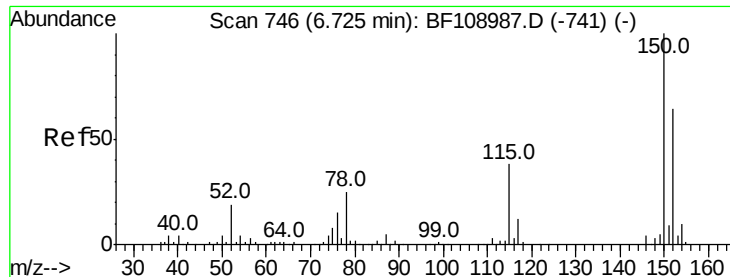
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	238925	40.384	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	254469	41.159	nq	98
45) 1,1'-Biphenyl	9.18	154	887345	39.659	nq	98
46) 2-Chloronaphthalene	9.20	162	689318	38.469	nq	100
47) 2-Nitroaniline	9.30	65	221340	40.181	nq	94
48) Acenaphthylene	9.62	152	1113472	41.215	nq	99
49) Dimethylphthalate	9.48	163	807051	40.375	nq	99
50) 2,6-Dinitrotoluene	9.54	165	178710	40.315	nq	95
51) Acenaphthene	9.79	154	651261	38.713	nq	98
52) 3-Nitroaniline	9.71	138	148330	28.417	nq	98
53) 2,4-Dinitrophenol	9.82	184	147935	86.593	nq	# 17
54) Dibenzofuran	9.96	168	954330	39.256	nq	96
55) 4-Nitrophenol	9.88	139	284136	73.883	nq	96
56) 2,4-Dinitrotoluene	9.94	165	241485	41.655	nq	# 97
57) Fluorene	10.30	166	716202	44.209	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	214064	41.815	nq	90
59) Diethylphthalate	10.18	149	788373	39.057	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	336984	38.846	nq	95
61) 4-Nitroaniline	10.32	138	196680	39.660	nq	99
62) Azobenzene	10.45	77	808455	39.128	nq	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	95558	36.787	nq	80
65) n-Nitrosodiphenylamine	10.41	169	689972	38.852	nq	96
66) 4-Bromophenyl-phenylether	10.78	248	232684	38.017	nq	# 86
67) Hexachlorobenzene	10.85	284	250299	38.232	nq	# 85
68) Atrazine	10.94	200	222694	39.173	nq	98
69) Pentachlorophenol	11.04	266	277998	66.370	nq	99
70) Phenanthrene	11.26	178	1087429	40.860	nq	99
71) Anthracene	11.31	178	1122974	41.626	nq	99
72) Carbazole	11.46	167	994323	37.233	nq	99
73) Di-n-butylphthalate	11.80	149	1202798	38.476	nq	99
74) Fluoranthene	12.44	202	1142122	40.651	nq	98
76) Benzidine	12.55	184	473511	36.251	nq	99
77) Pyrene	12.67	202	1142355	41.679	nq	99
79) Butylbenzylphthalate	13.29	149	488174	39.877	nq	98
80) Benzo(a)anthracene	13.85	228	890213	39.848	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	253458	28.115	nq	# 96
82) Chrysene	13.88	228	889312	39.788	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	566452	38.216	nq	99
84) Di-n-octyl phthalate	14.46	149	961728	38.257	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	799991	44.768	nq	# 92
87) Benzo(b)fluoranthene	14.87	252	794583	45.251	nq	98
88) Benzo(k)fluoranthene	14.89	252	707080	43.113	nq	# 95
89) Benzo(a)pyrene	15.20	252	707377	45.362	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	659013	50.302	nq	97
91) Benzo(g,h,i)perylene	17.02	276	681117	52.001	nq	# 92

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



#1

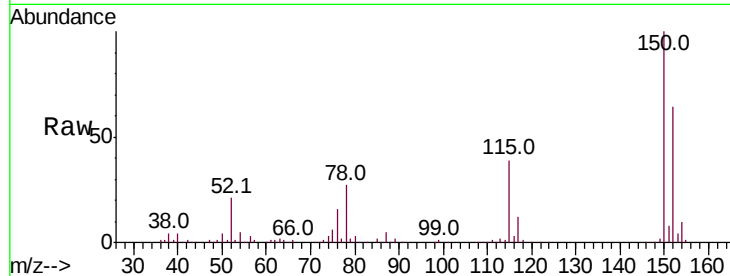
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	60.7	50.1	75.1

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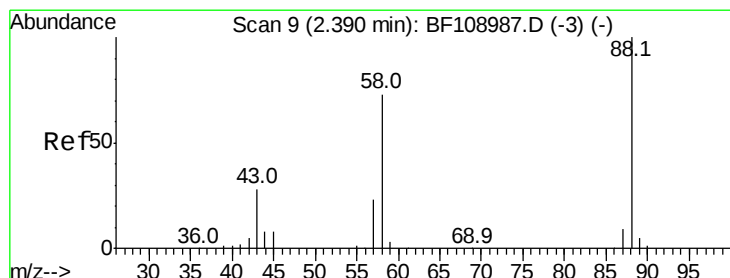
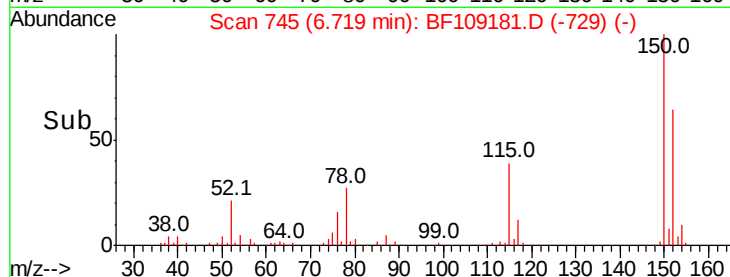
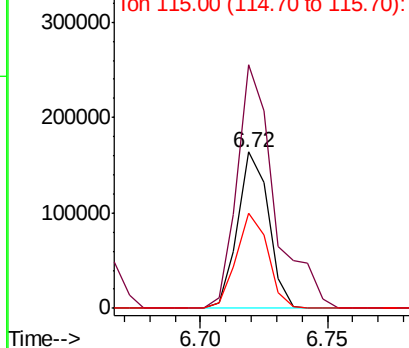


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

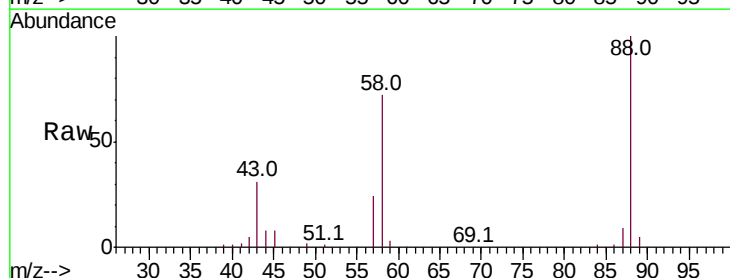
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.921 ng
RT: 2.50 min Scan# 28
Delta R.T. 0.11 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	62.6	93.8
43	29.9	24.6	37.0

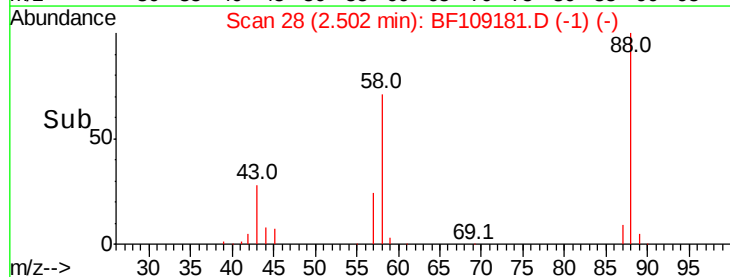
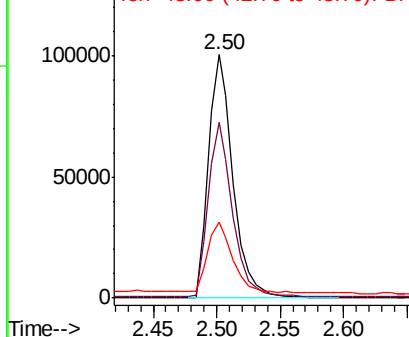


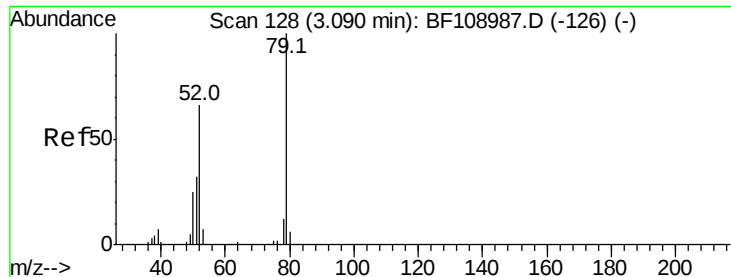
Abundance

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: 34.489 ng

RT: 3.20 min Scan# 147

Delta R.T. 0.11 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

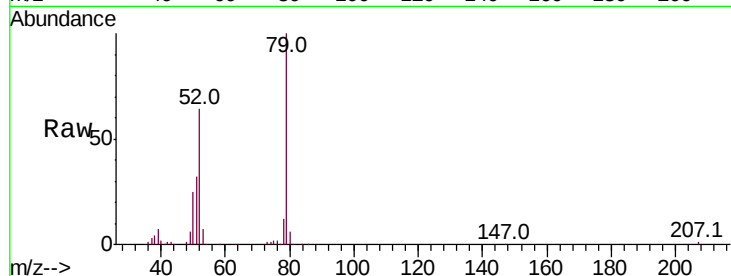
ClientSampleId :

PB113049BS

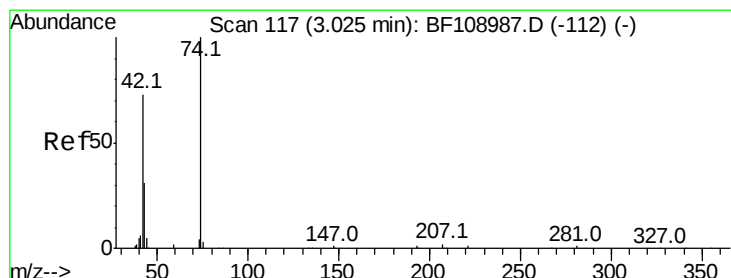
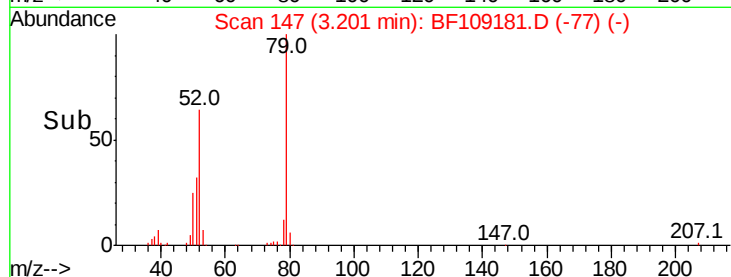
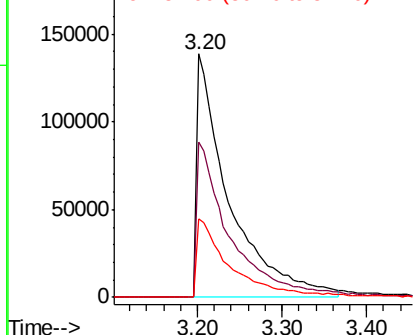
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	63.5		59.8	89.6	
51	32.1		29.8	44.8	

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.687 ng

RT: 3.14 min Scan# 137

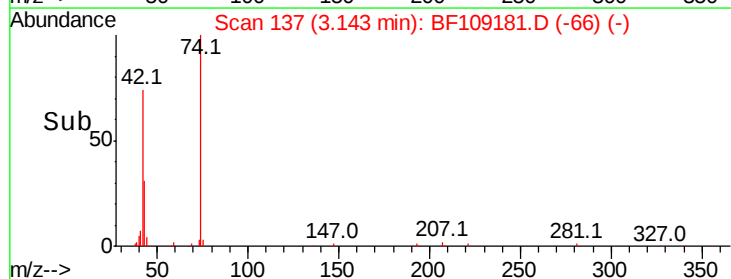
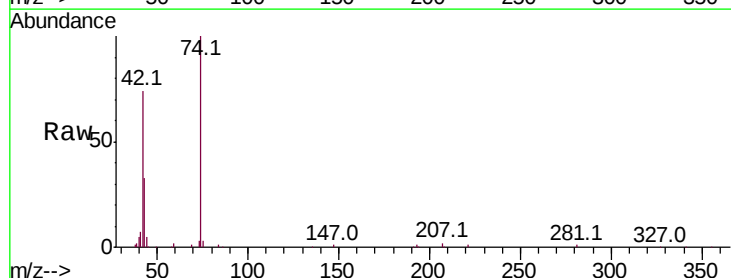
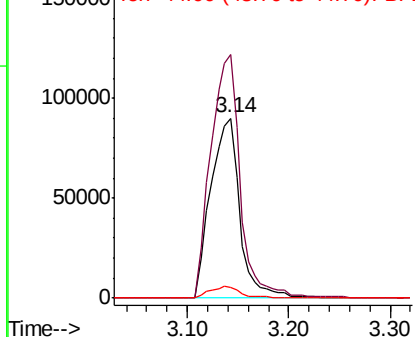
Delta R.T. 0.12 min

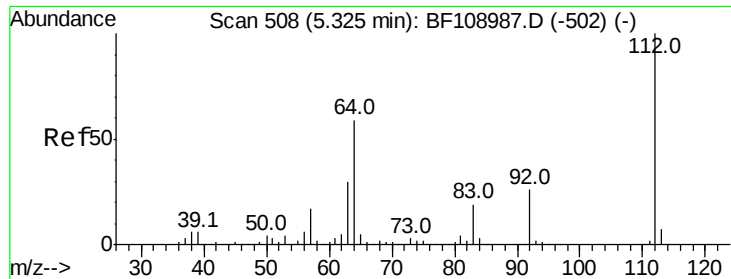
Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	135.5		104.9	157.3	
44	6.2		6.9	10.3#	

Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.599 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

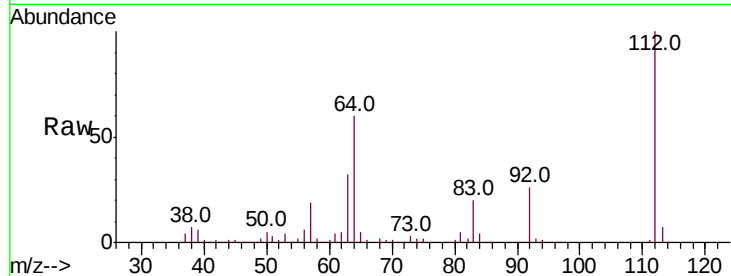
ClientSampleID :

PB113049BS

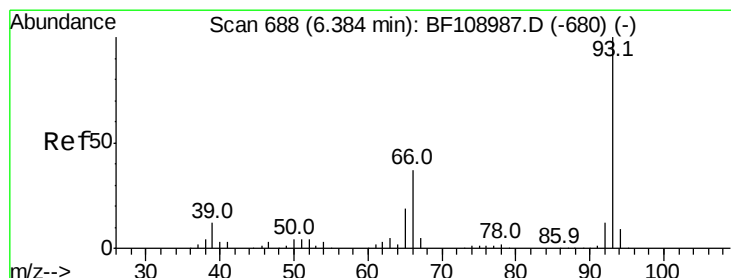
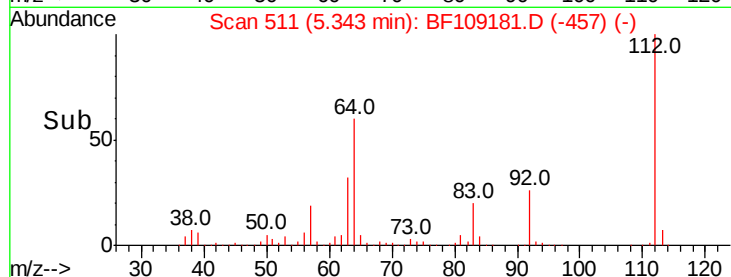
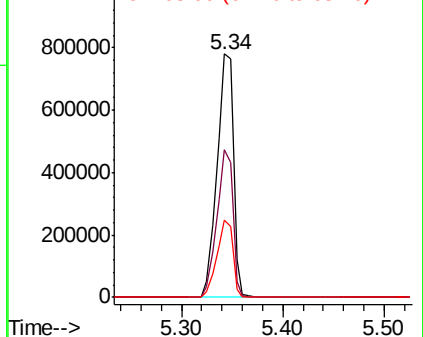
Tot Ion:	112	Resp:	880210
Ion Ratio	Lower	Upper	
112	100		
64	60.5	47.9	71.9
63	31.5	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.542 ng

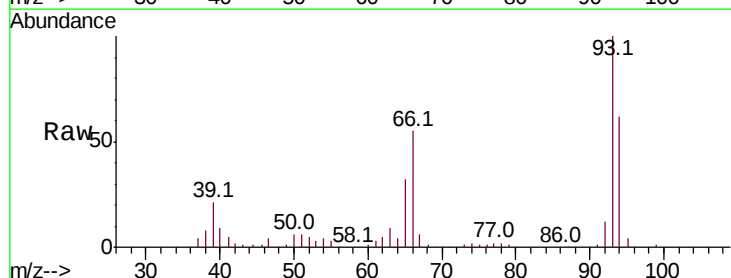
RT: 6.38 min Scan# 688

Delta R.T. -0.00 min

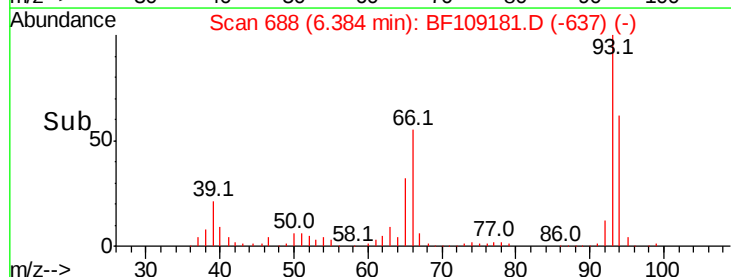
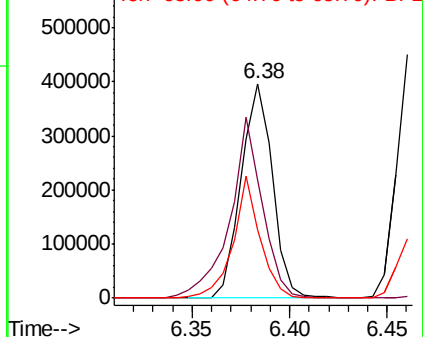
Lab File: BF109181.D

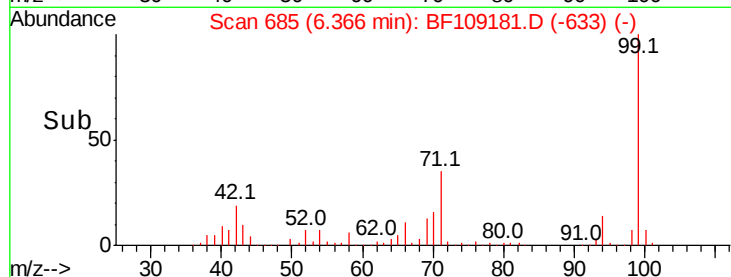
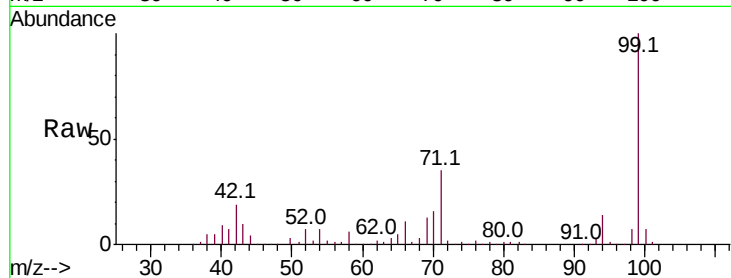
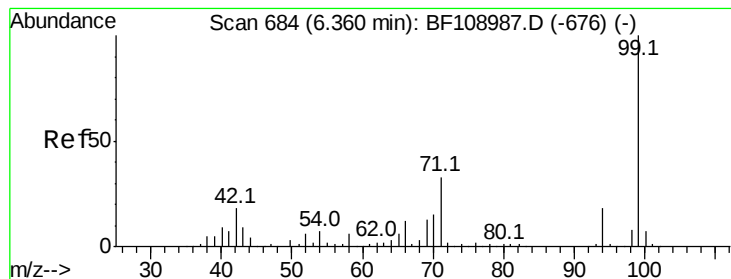
Acq: 20 Sep 2018 14:54

Tgt Ion:	93	Resp:	442376
Ion Ratio	Lower	Upper	
93	100		
66	55.1	32.2	48.2#
65	32.1	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.075 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tot Ion: 99 Resp: 1118456

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 35.5 25.4 38.0

Instrument :

BNA_F

ClientSampled :

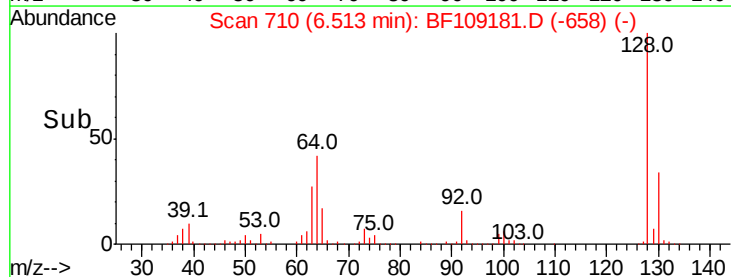
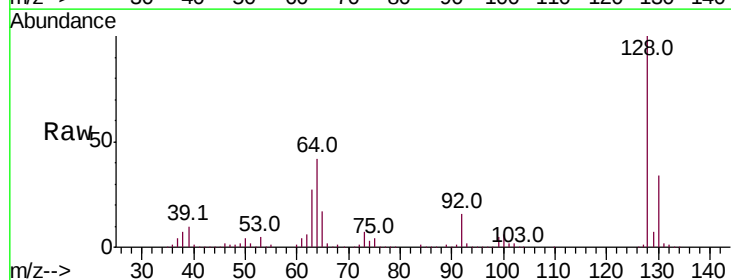
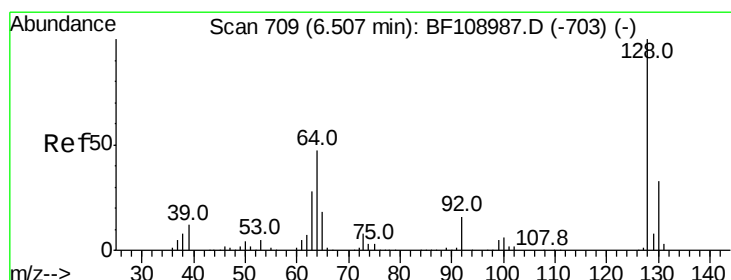
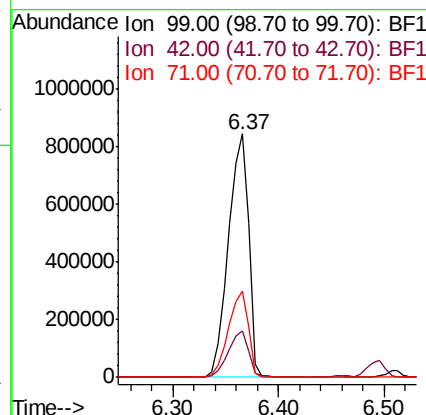
PB113049BS

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#8

2-Chlorophenol

Concen: 40.921 ng

RT: 6.51 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

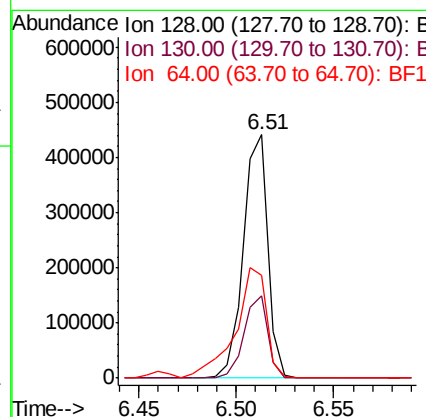
Tgt Ion:128 Resp: 385366

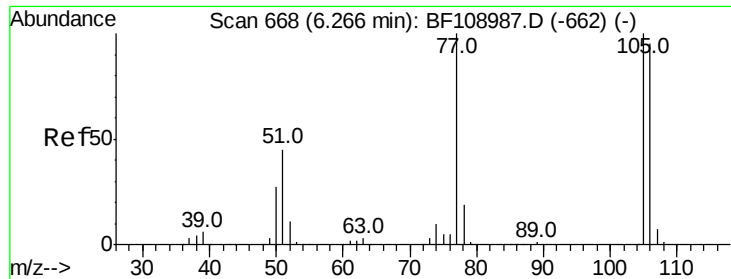
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 42.3 29.4 69.4





#9

Benzaldehyde

Concen: 28.164 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

PB113049BS

Tot Ion: 77 Resp: 195183

Ion Ratio Lower Upper

77 100

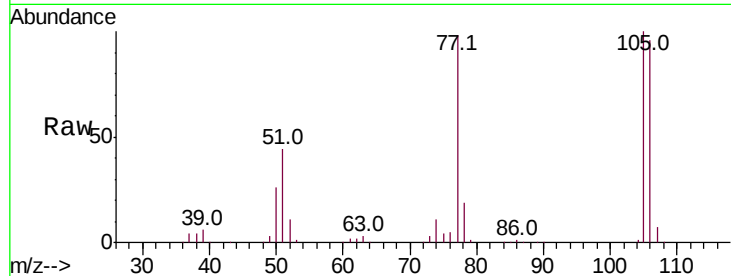
105 102.4 81.1 121.1

106 98.2 74.5 114.5

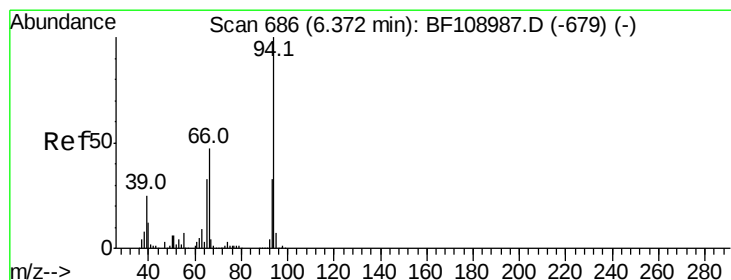
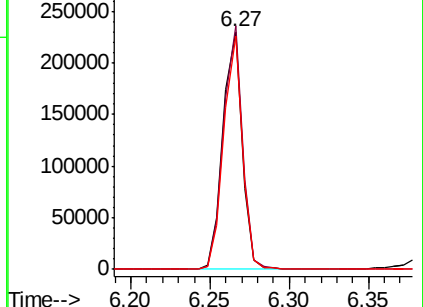
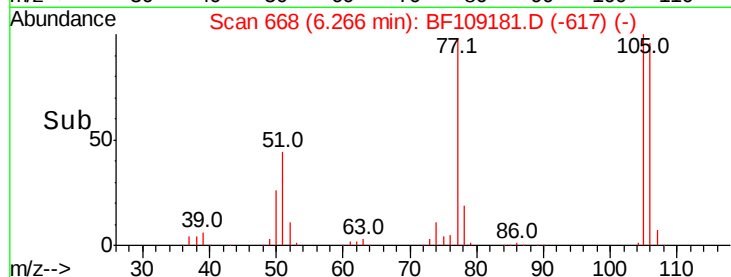
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.703 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

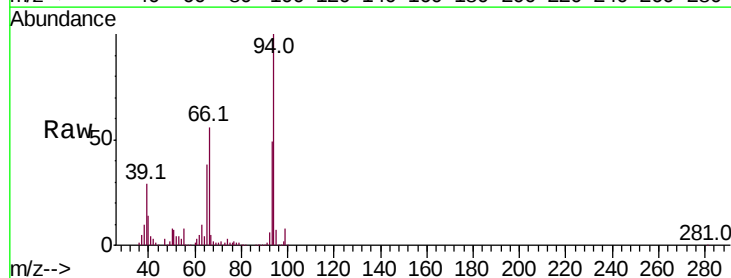
Tgt Ion: 94 Resp: 472537

Ion Ratio Lower Upper

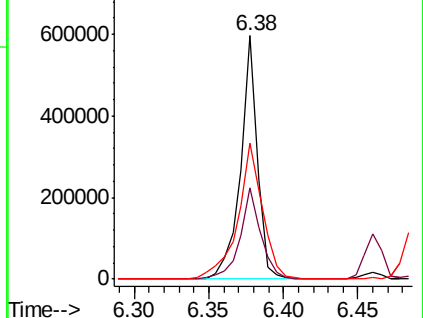
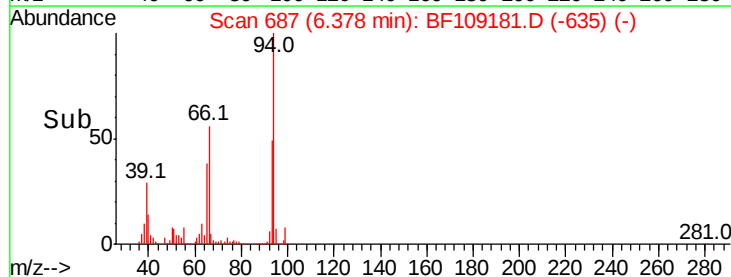
94 100

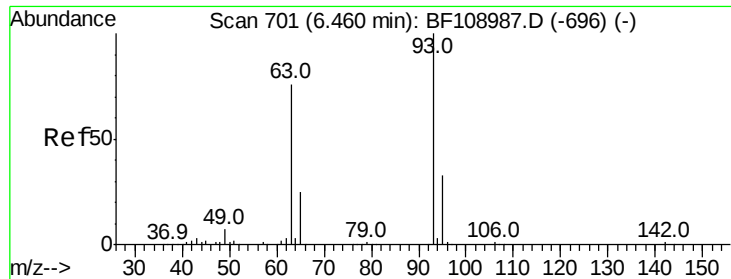
65 37.6 7.9 47.9

66 55.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





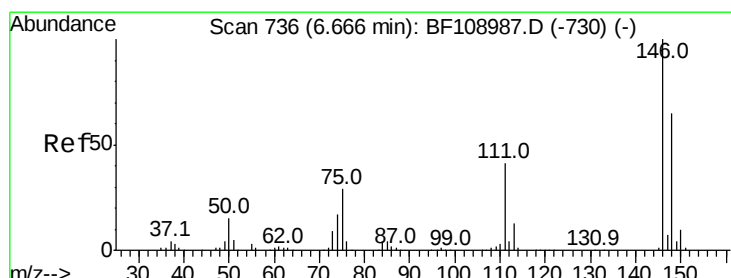
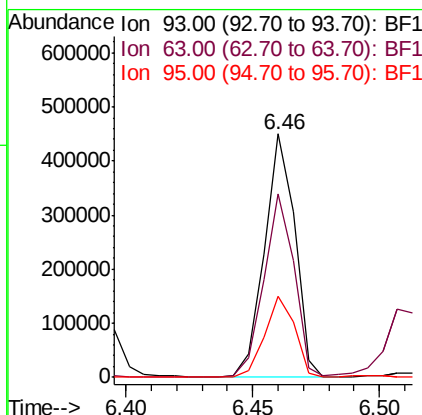
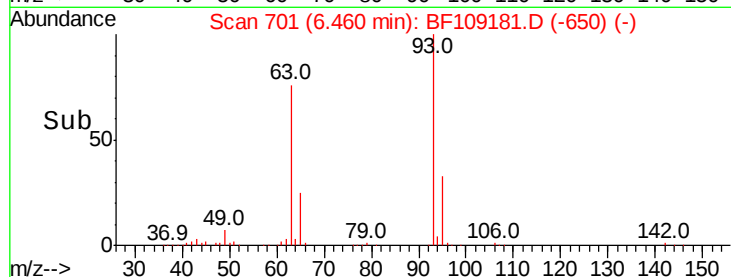
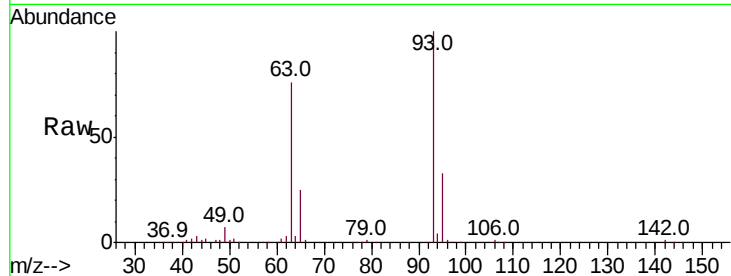
#11
bis(2-Chloroethyl)ether
Concen: 38.834 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	93	Resp	373011
Ion Ratio	100	Lower	Upper
93	100		
63	75.6	58.6	98.6
95	33.1	11.8	51.8

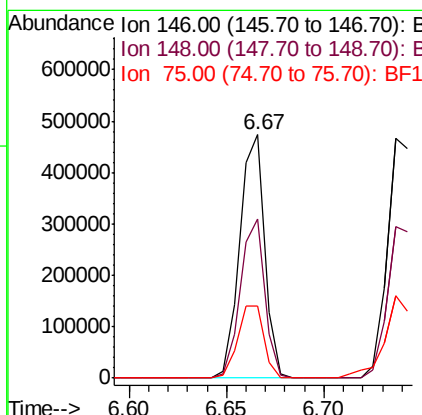
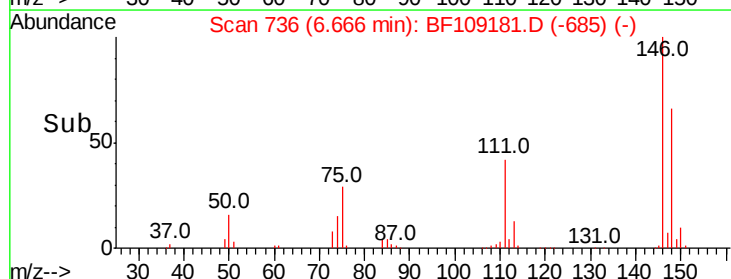
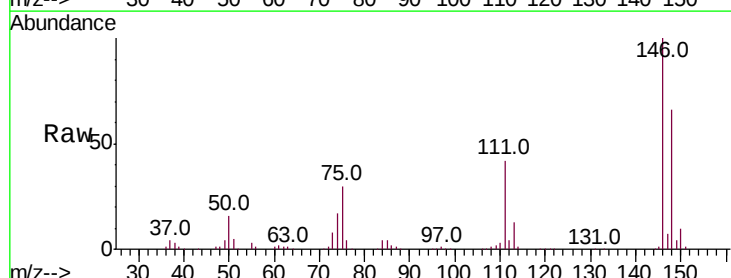
Manual Integrations
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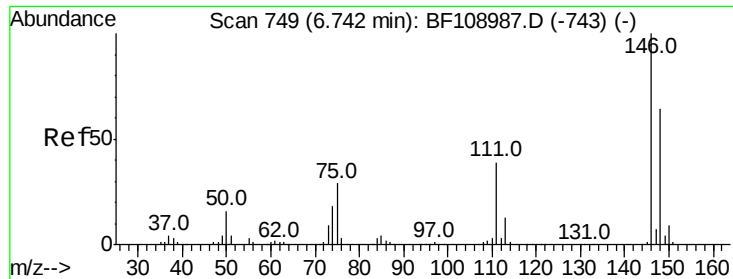
Sohil
9/21/2018 10:37:48 AM



#12
1,3-Dichlorobenzene
Concen: 38.956 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	146	Resp	419542
Ion Ratio	100	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	29.5	24.2	36.4





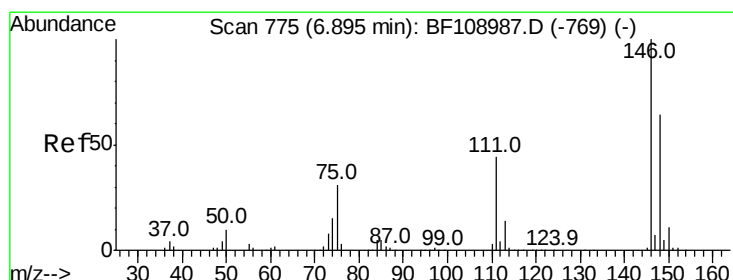
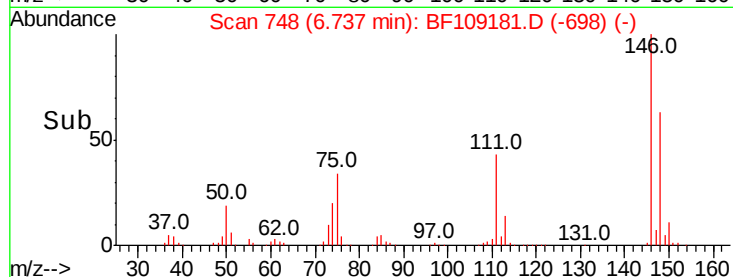
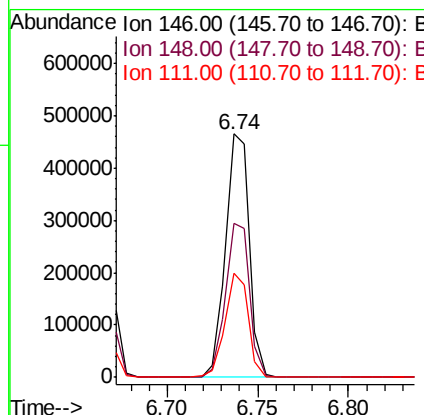
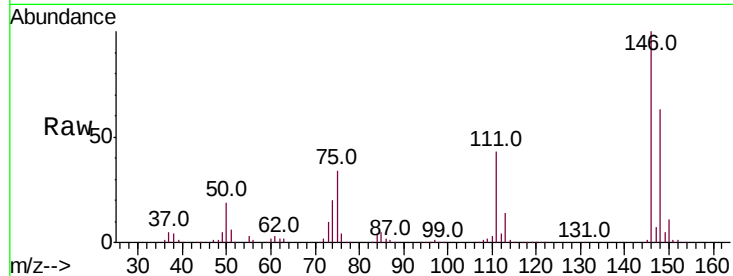
#13
 1,4-Dichlorobenzene
 Concen: 39.364 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	42.6	34.2	51.2

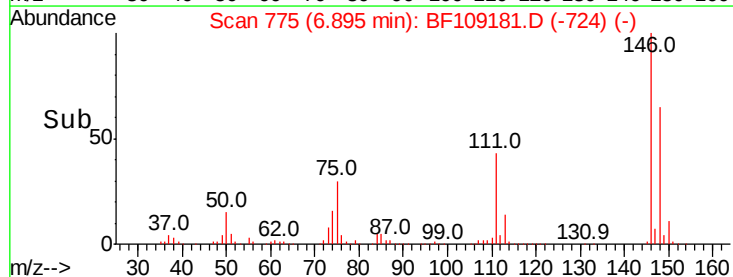
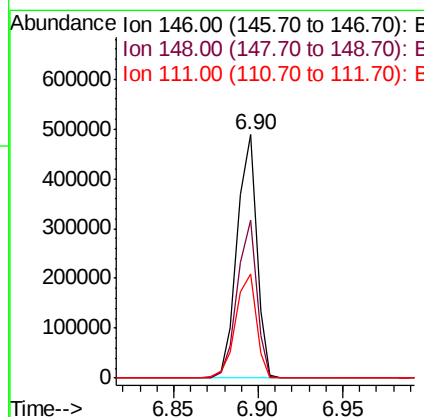
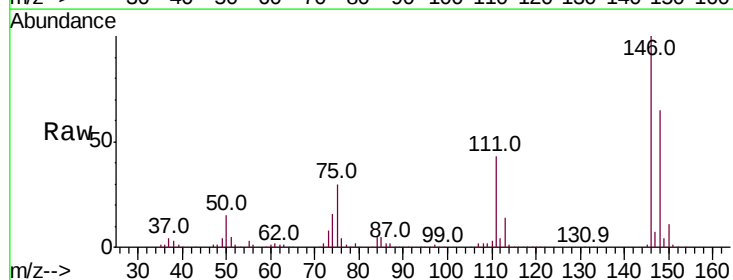
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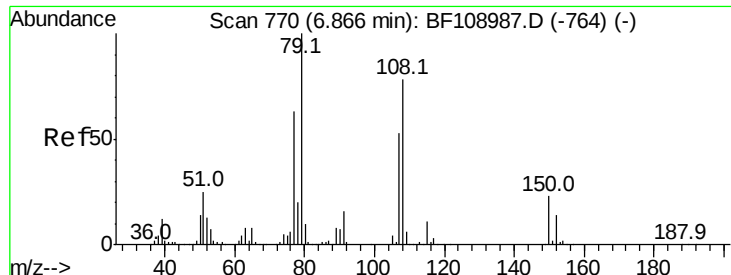
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#14
 1,2-Dichlorobenzene
 Concen: 39.277 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.347 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

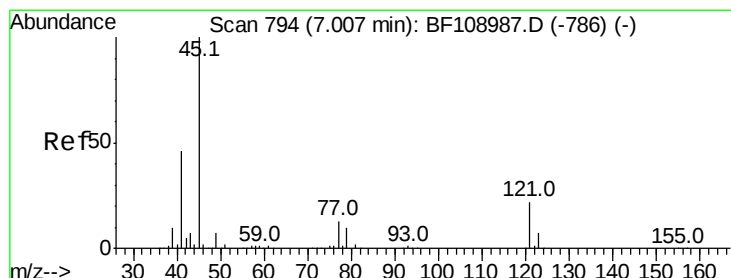
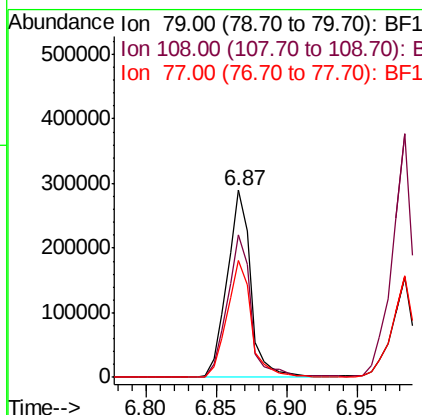
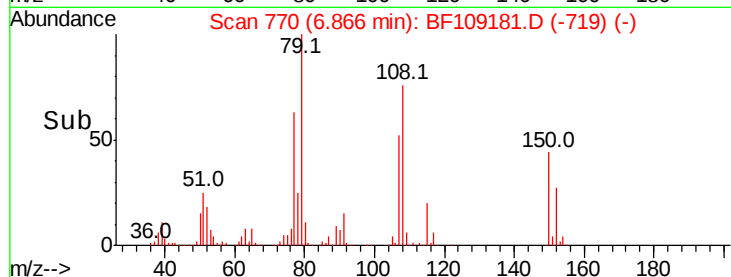
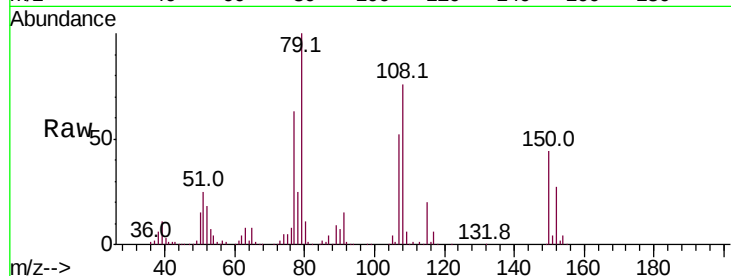
ClientSampleId :

PB113049BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	65.1	97.7
77	62.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.057 ng

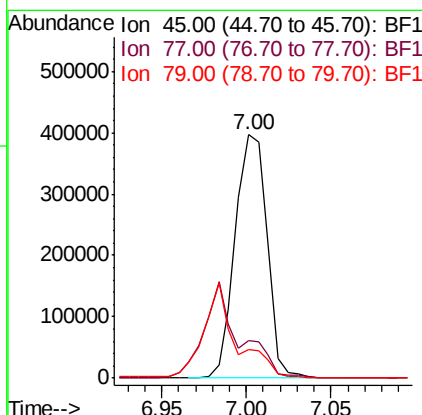
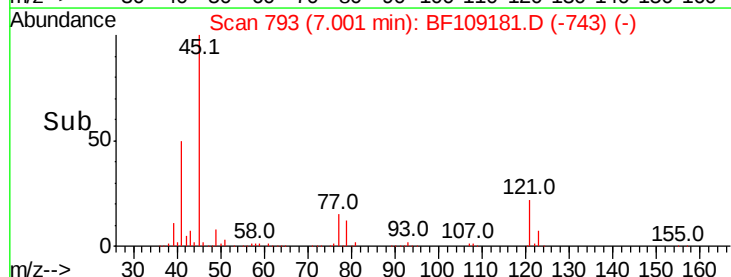
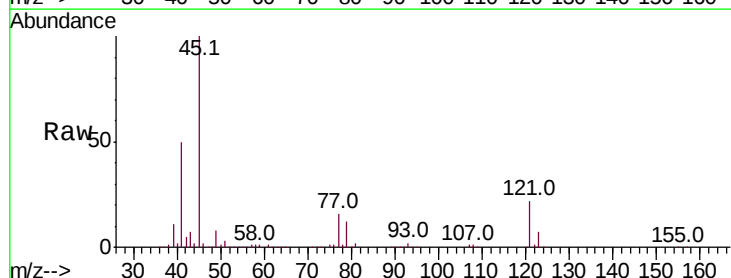
RT: 7.00 min Scan# 793

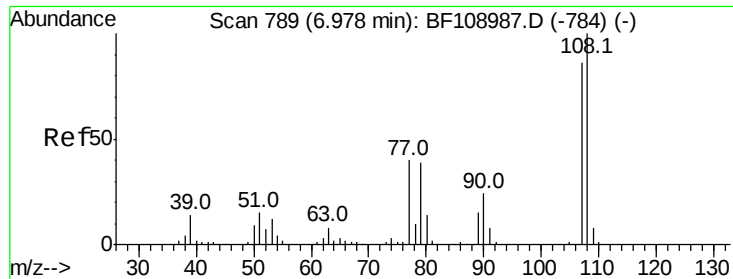
Delta R.T. -0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	32.9
79	11.6	0.0	29.6





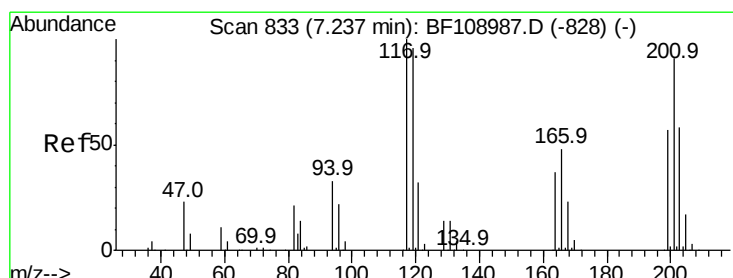
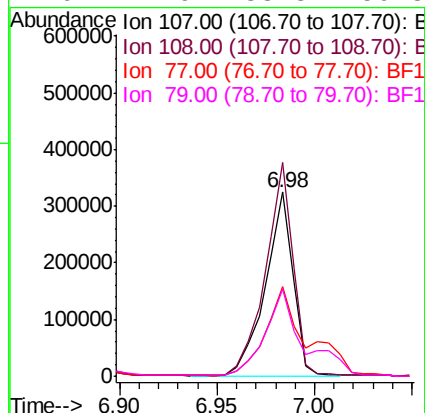
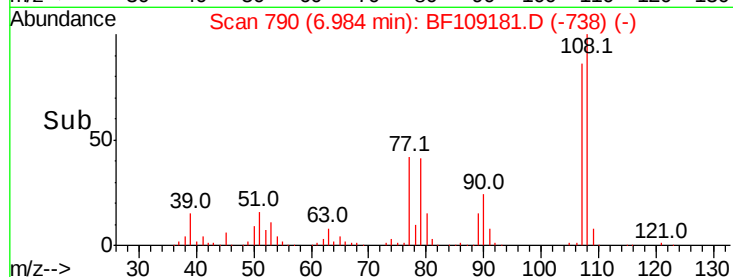
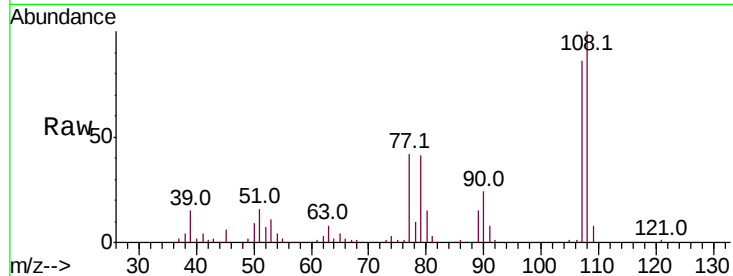
#17
2-Methylphenol
Concen: 41.308 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	91.7	137.5	
77	48.6	33.8	50.8	
79	47.6	33.8	50.8	

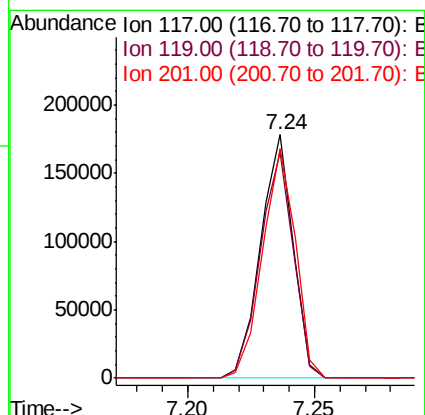
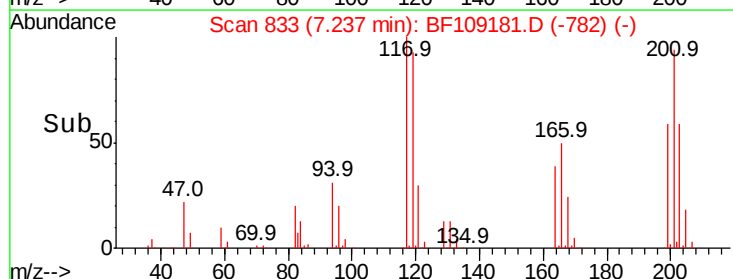
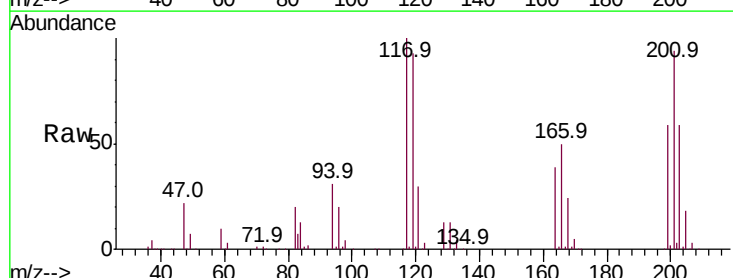
Manual Integrations
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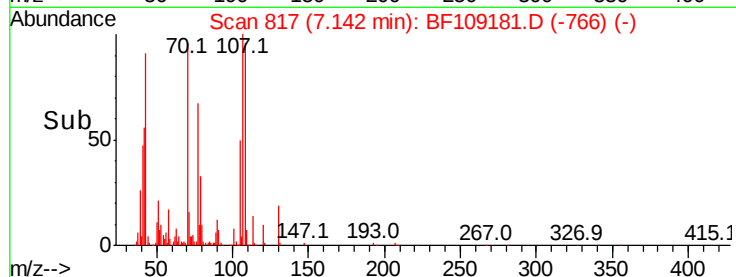
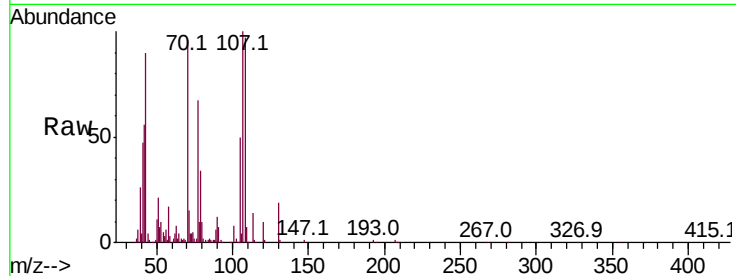
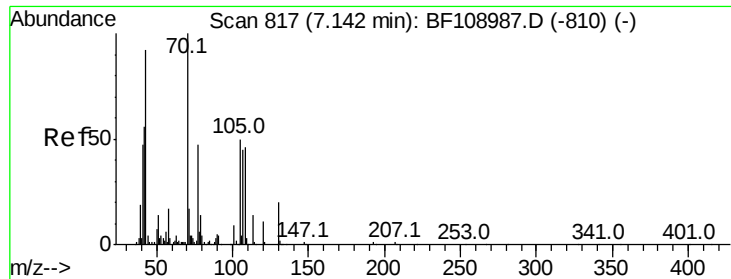
Sohil
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#18
Hexachloroethane
Concen: 40.665 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.7	75.8	113.8	
201	94.4	75.7	113.5	





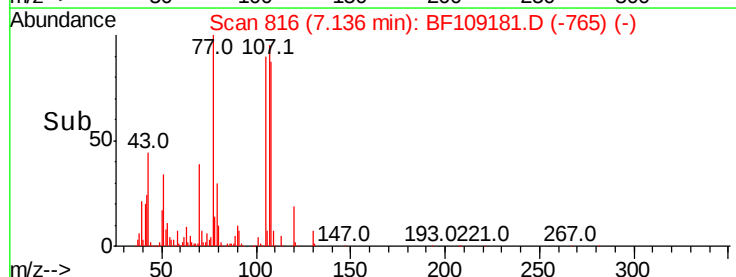
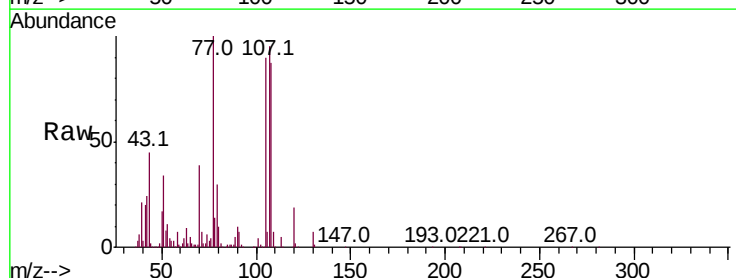
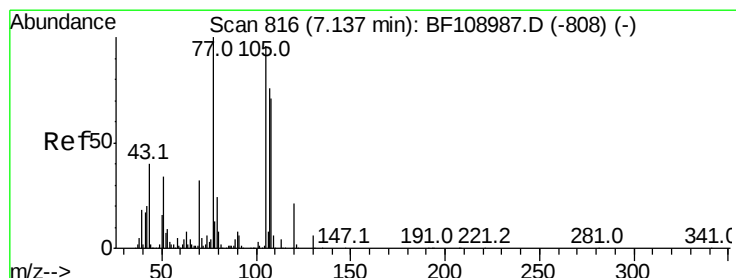
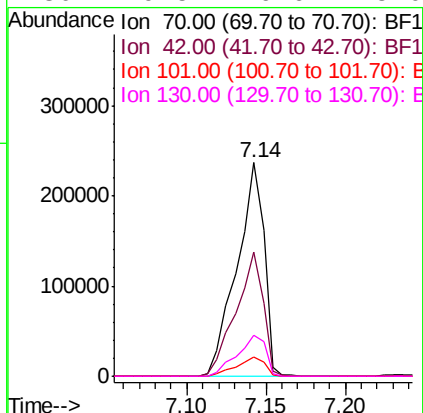
#19
n-Nitroso-di-n-propylamine
Concen: 39.146 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Manual Integrations
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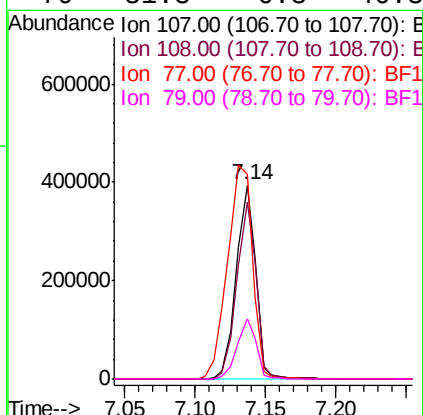
Sohil
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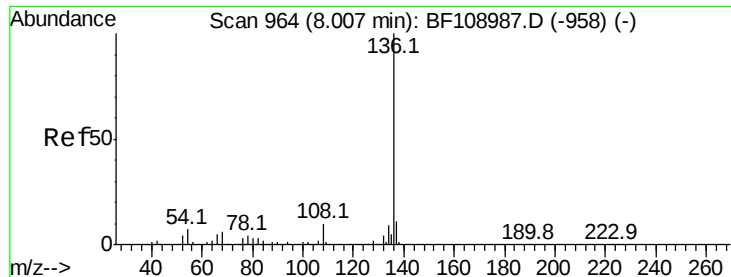
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.3	47.5	71.3	
101	8.8	7.4	11.2	
130	19.5	16.6	25.0	



#20
3+4-Methylphenols
Concen: 40.710 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	68.2	108.2	
77	105.5	26.7	66.7#	
79	31.3	6.3	46.3	





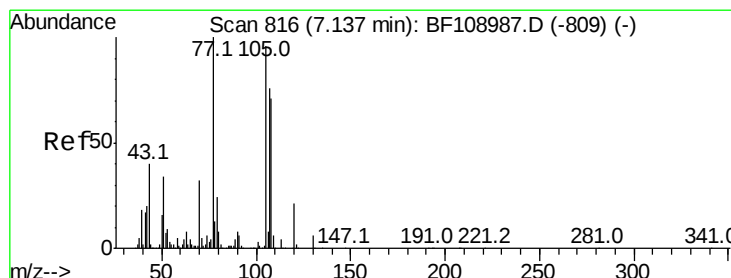
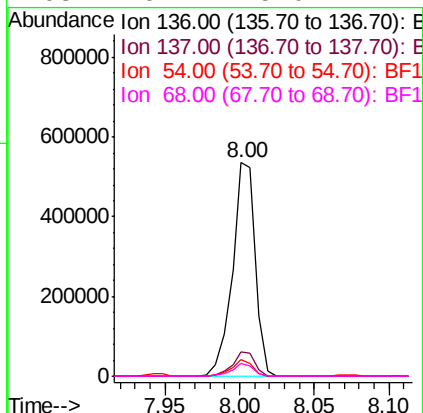
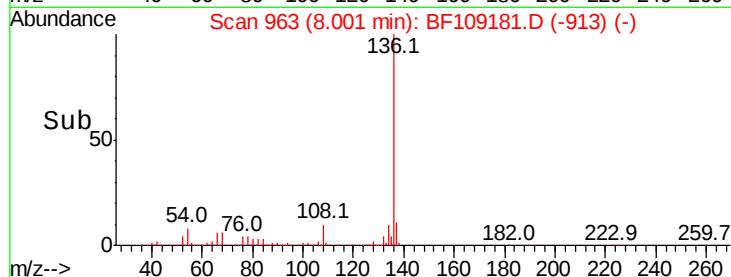
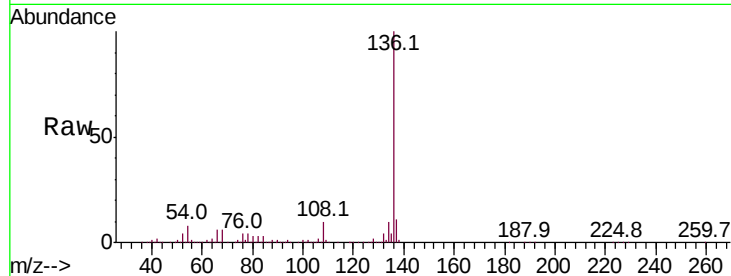
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	7.5	6.6	9.8	
68	6.2	5.0	7.4	

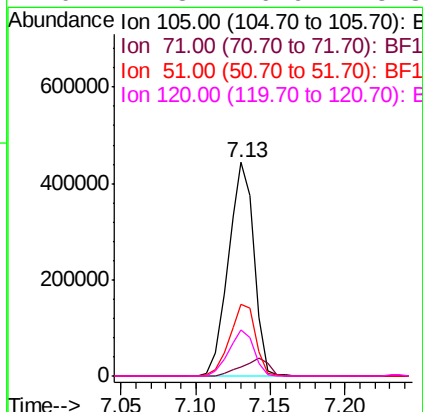
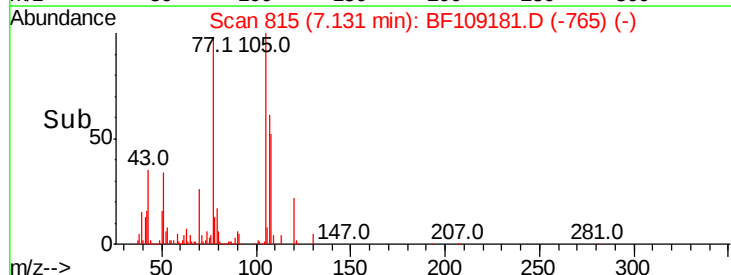
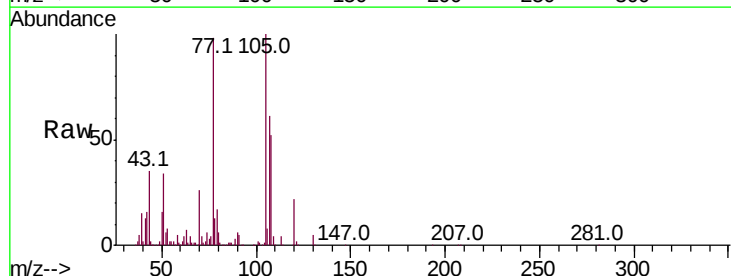
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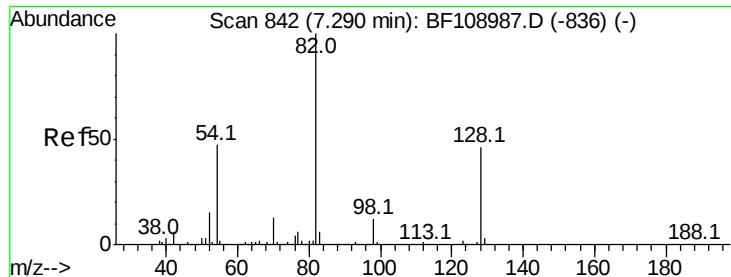
Sohil
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#22
Acetophenone
Concen: 41.055 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	4.4	6.6#	
51	33.5	22.3	33.5#	
120	21.8	16.9	25.3	





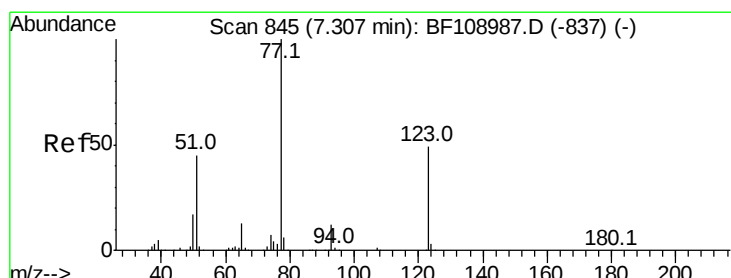
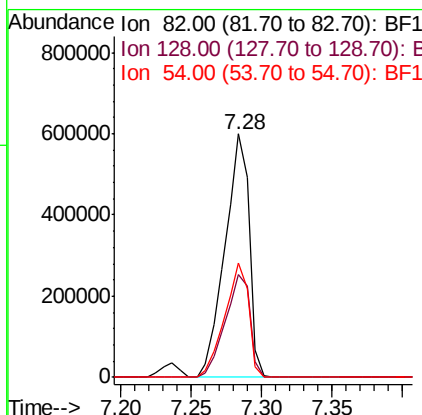
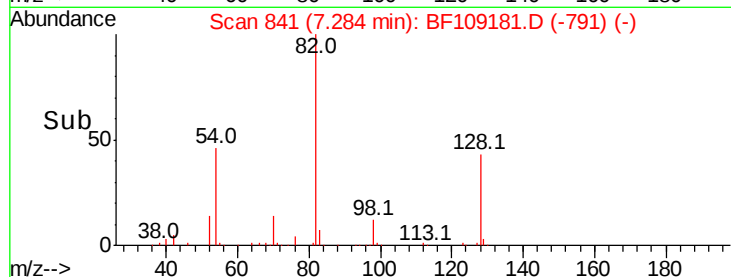
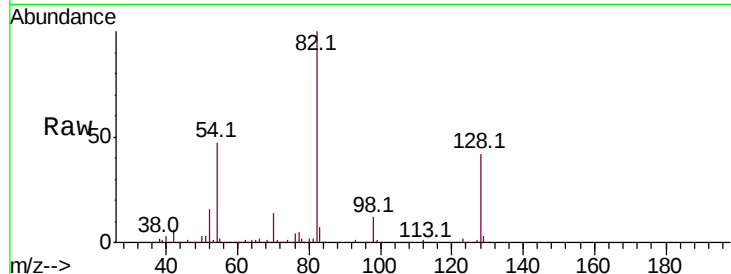
#23
 Nitrobenzene-d5
 Concen: 69.741 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.5	36.1	54.1	
54	46.8	41.4	62.2	

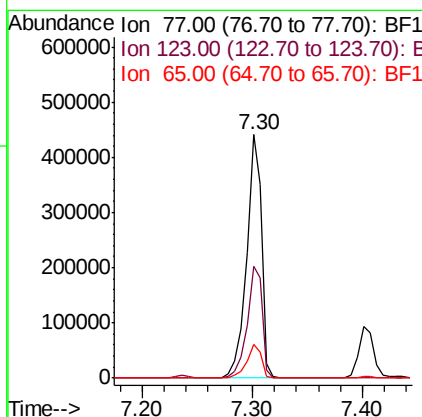
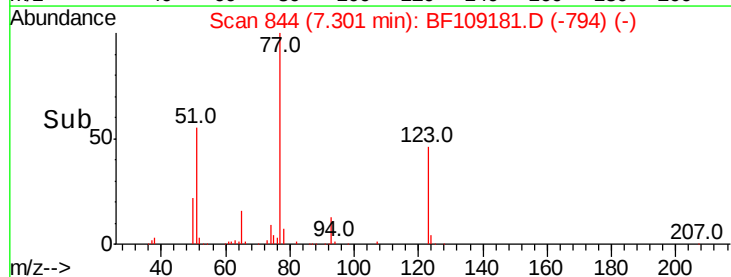
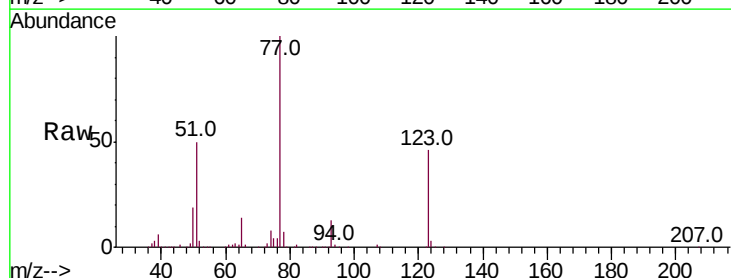
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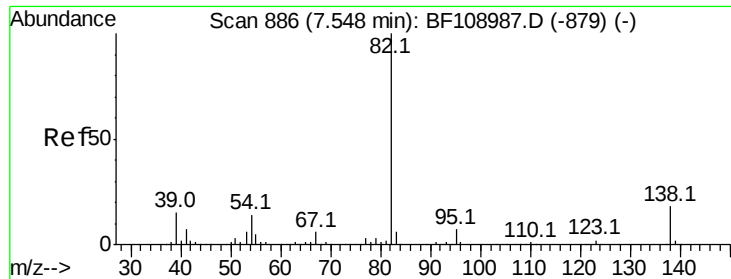
Sohil
 9/21/2018 10:37:48 AM



#24
 Nitrobenzene
 Concen: 39.405 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.0	37.9	56.9	
65	13.8	11.0	16.4	





#25

Isophorone

Concen: 43.752 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

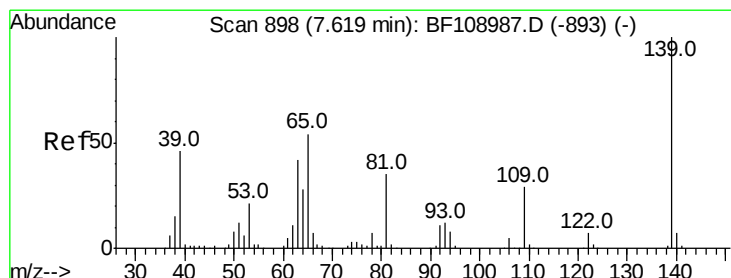
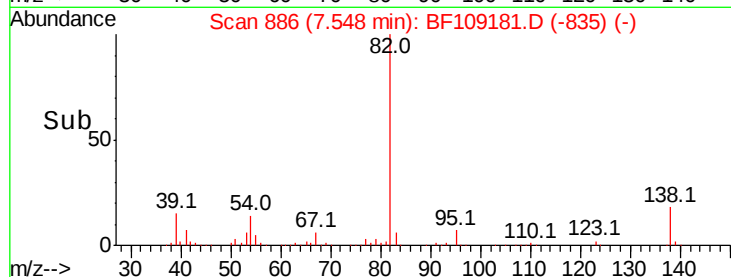
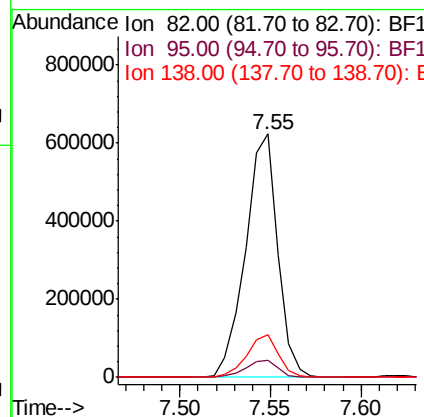
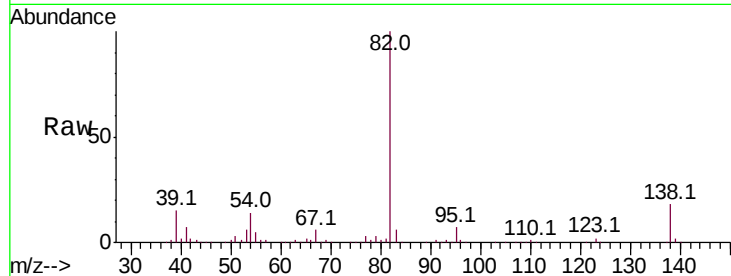
ClientSampleId :

PB113049BS

Tot Ion:	82	Resp:	770313
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.857 ng

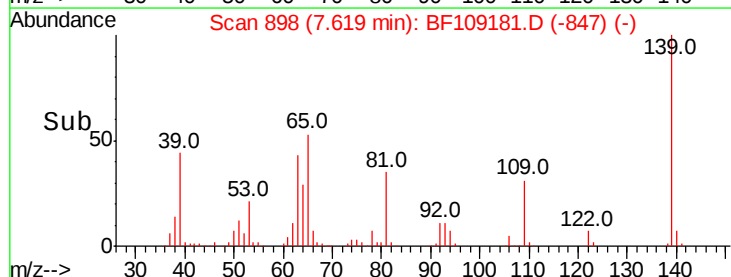
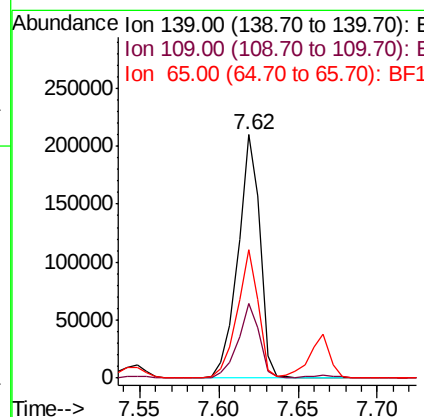
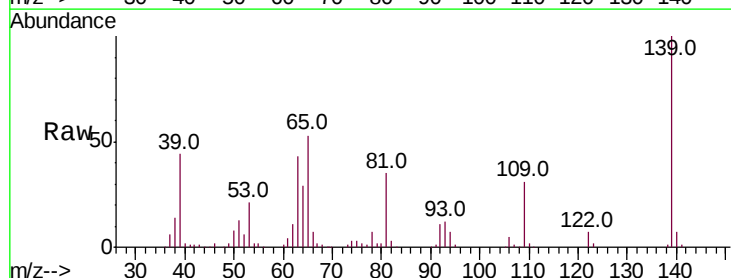
RT: 7.62 min Scan# 898

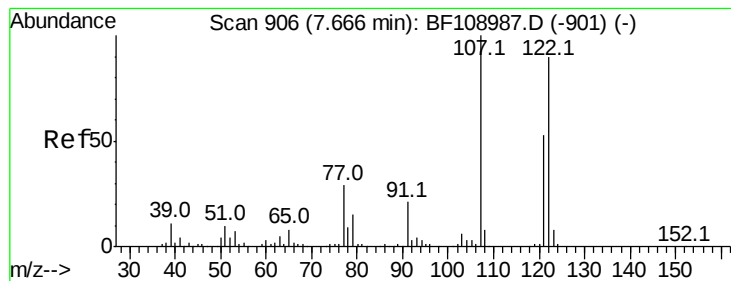
Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion:	139	Resp:	201465
Ion Ratio	Lower	Upper	
139	100		
109	30.5	22.7	34.1
65	52.9	40.5	60.7





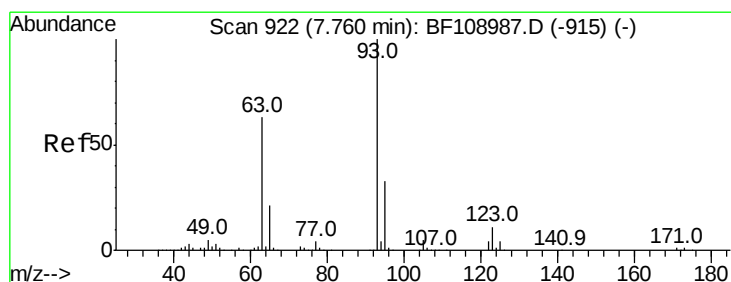
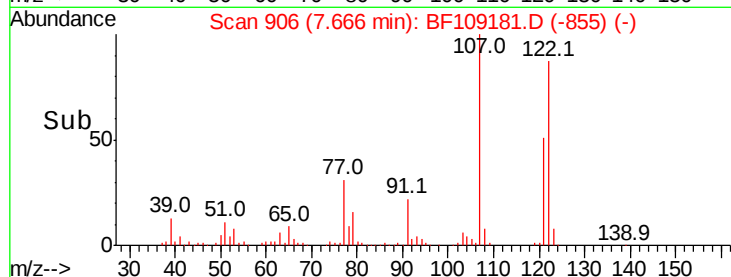
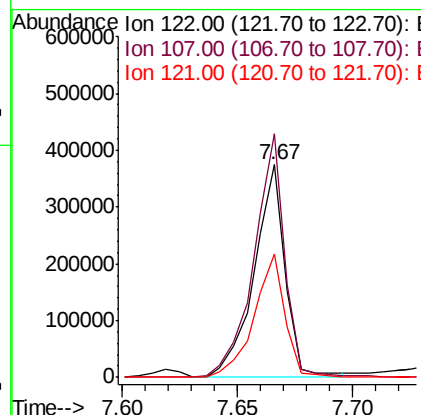
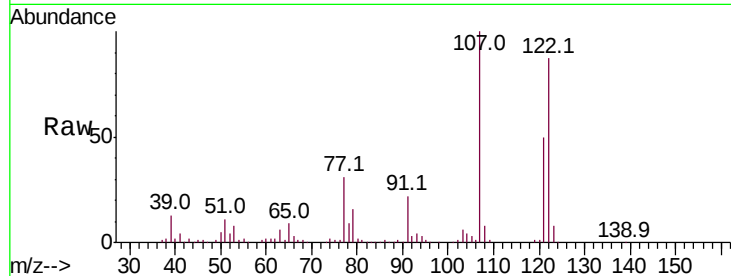
#27
2,4-Dimethylphenol
Concen: 45.634 ng
RT: 7.67 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	57.8	47.2	70.8

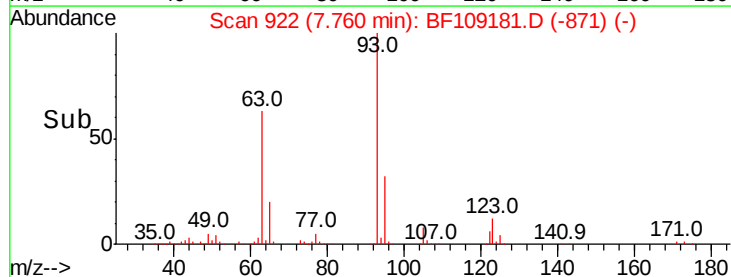
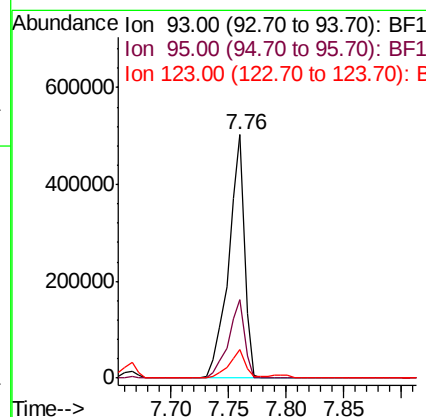
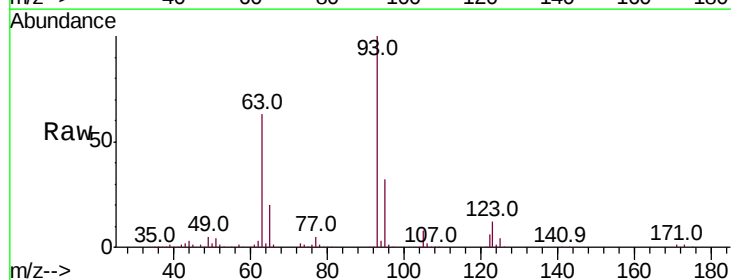
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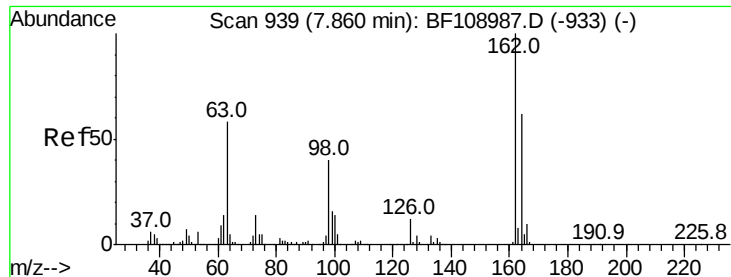
Sohil
9/21/2018 10:37:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.411 ng
RT: 7.76 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.5	9.8	14.6





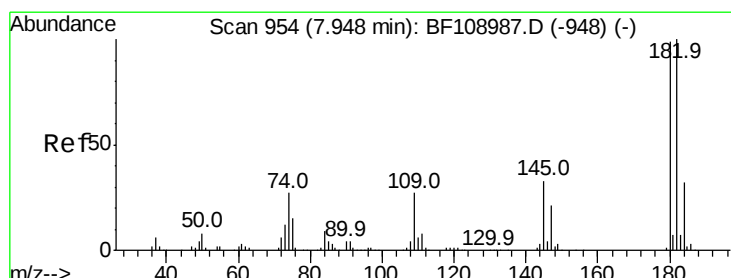
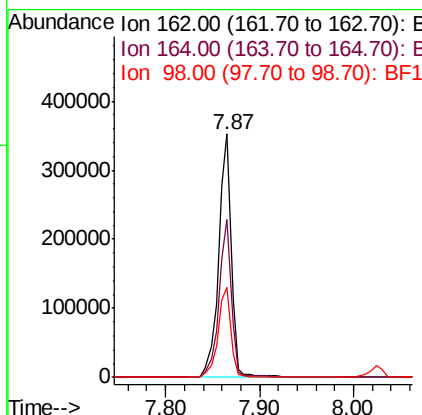
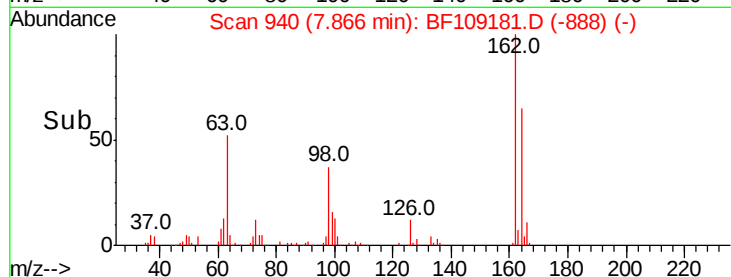
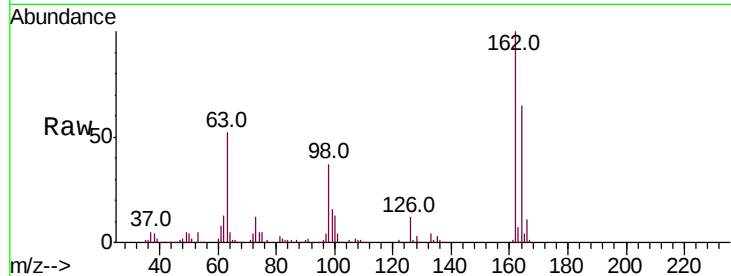
#29
2,4-Dichlorophenol
Concen: 40.520 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	333984		
164	64.8	42.7	82.7	
98	36.7	18.1	58.1	

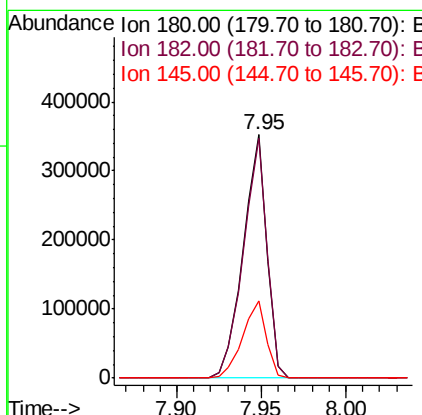
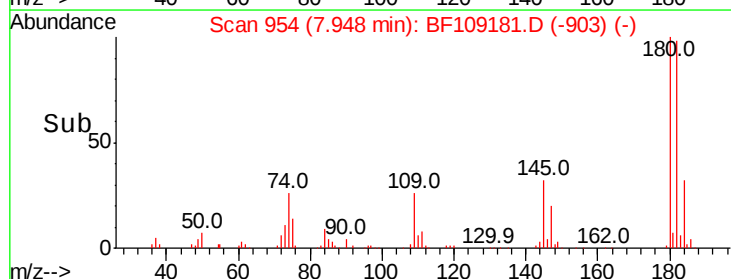
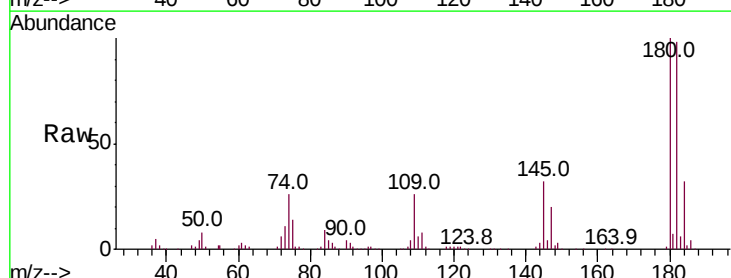
Manual Integrations
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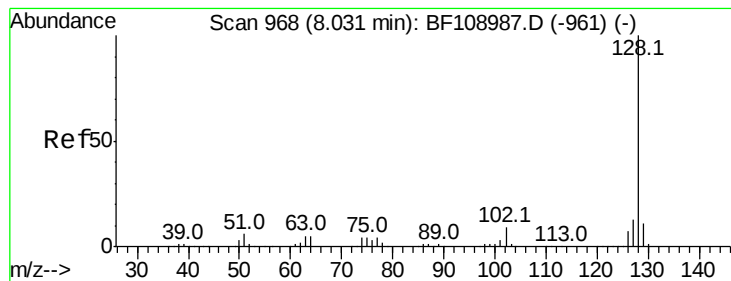
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.618 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	344083		
182	98.3	76.8	115.2	
145	31.7	26.5	39.7	





#31

Naphthalene

Concen: 41.678 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

PB113049BS

Tot Ion:128 Resp: 1111287

Ion Ratio Lower Upper

128 100

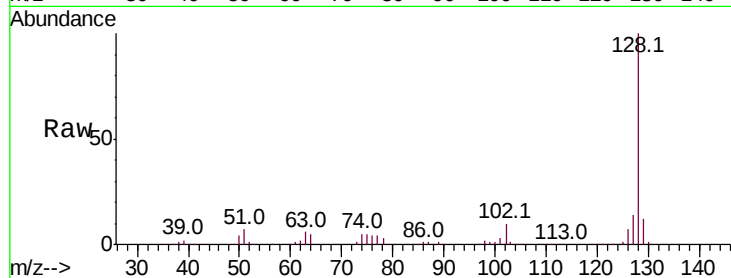
129 11.5 8.8 13.2

127 13.6 10.9 16.3

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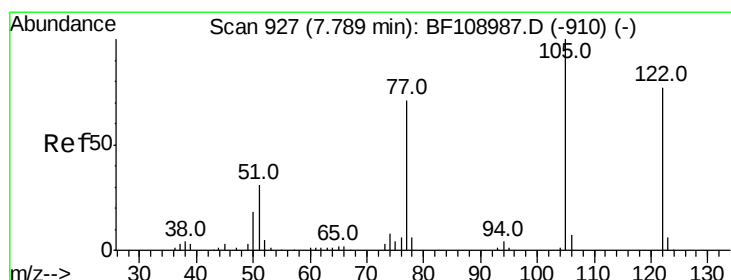
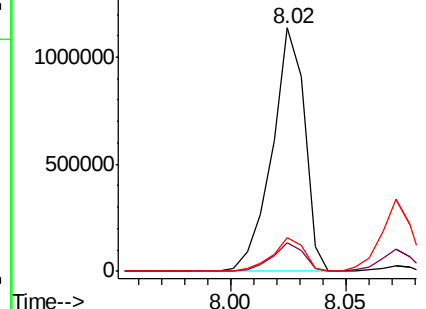
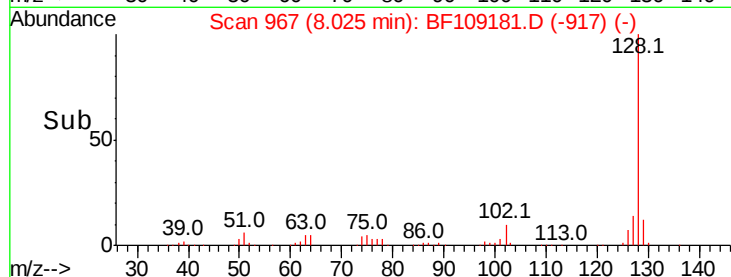
9/21/2018 10:37:48 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.361 ng

RT: 7.80 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

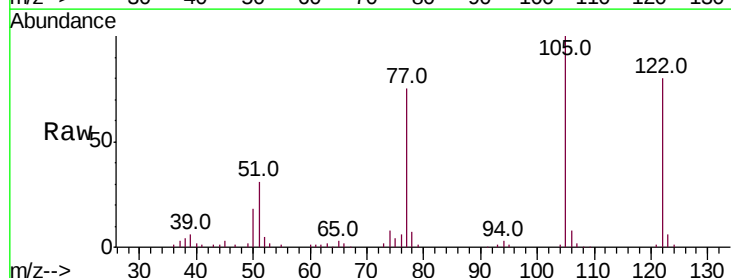
Tgt Ion:122 Resp: 209042

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

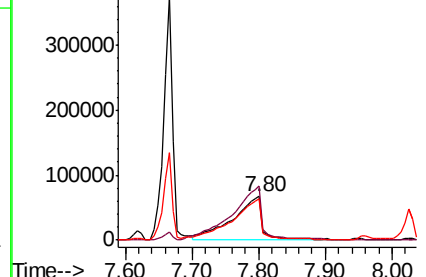
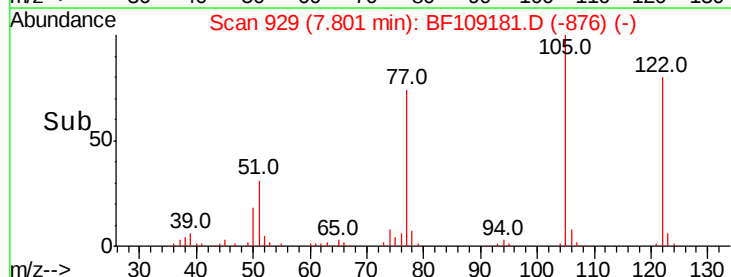
77 93.6 70.7 110.7

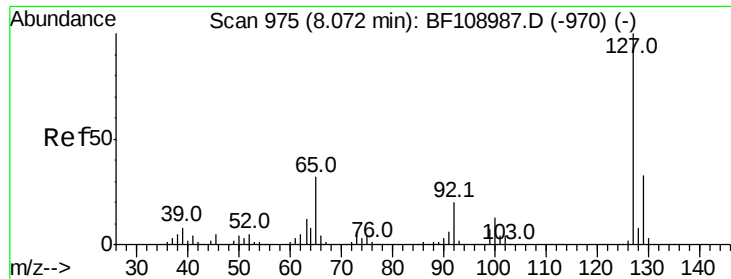


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





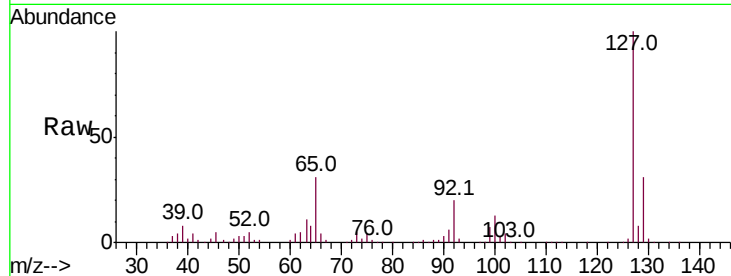
#33
4-Chloroaniline
Concen: 26.624 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	31.1	25.0	37.4
92	19.6	15.2	22.8

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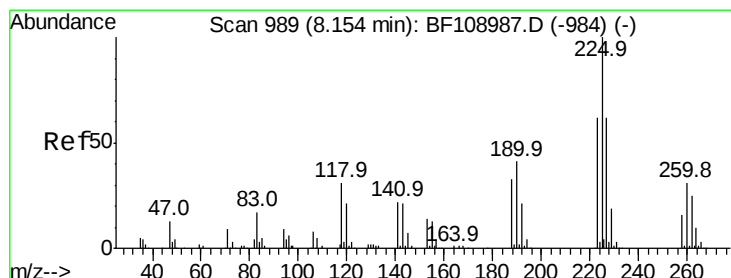
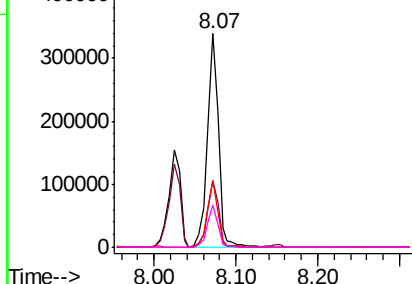
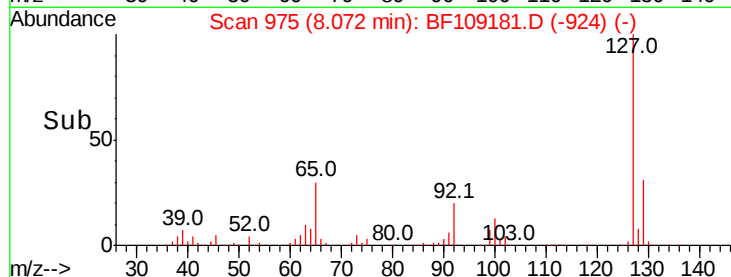
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

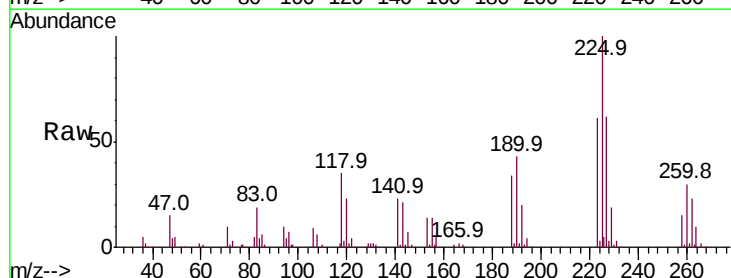
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.450 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.6	76.0
227	62.2	51.9	77.9

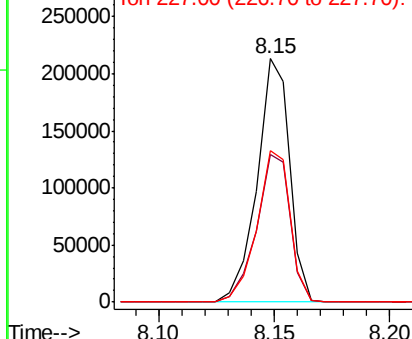
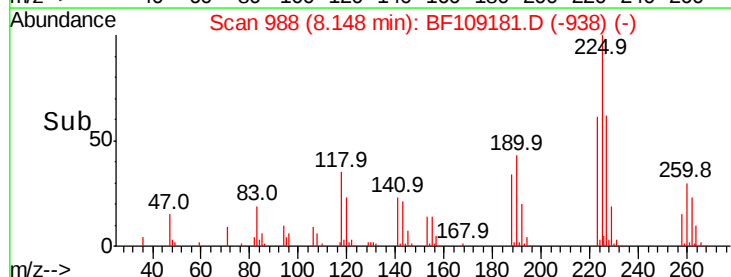


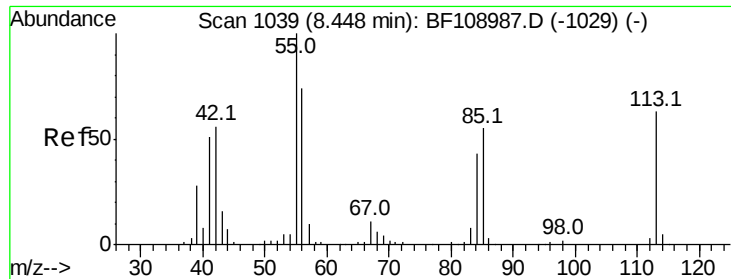
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.408 ng/ml

RT: 8.45 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleID :

PB113049BS

Tot Ion:113 Resp: 105899

Ion Ratio Lower Upper

113 100

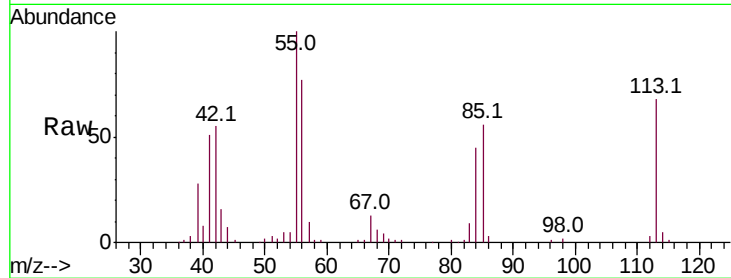
55 146.6 163.3 203.3#

56 112.4 115.7 155.7#

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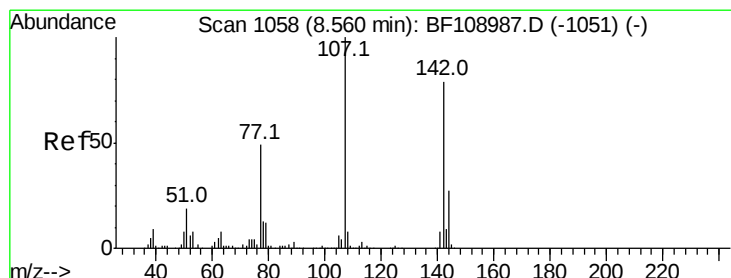
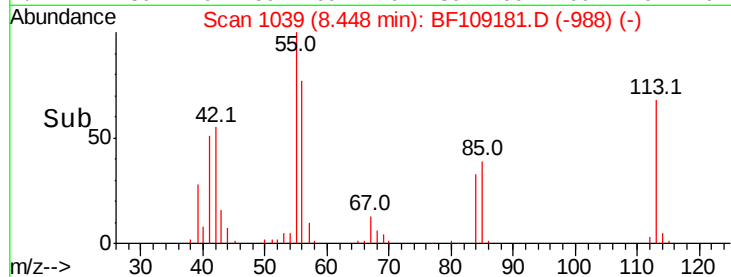
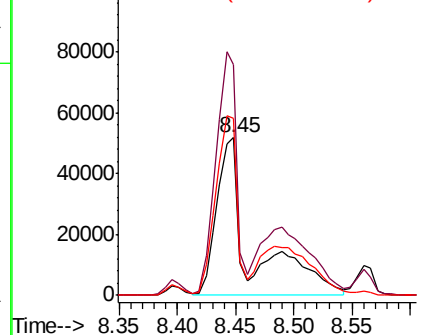
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.312 ng/ml

RT: 8.56 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

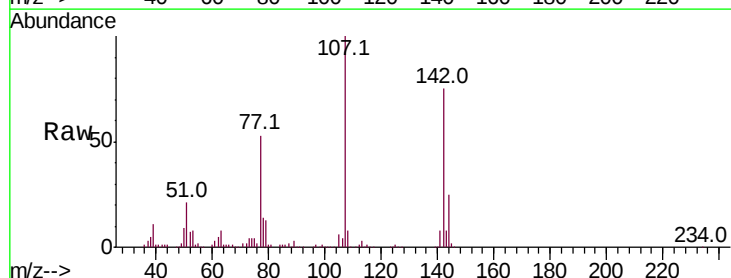
Tgt Ion:107 Resp: 349778

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

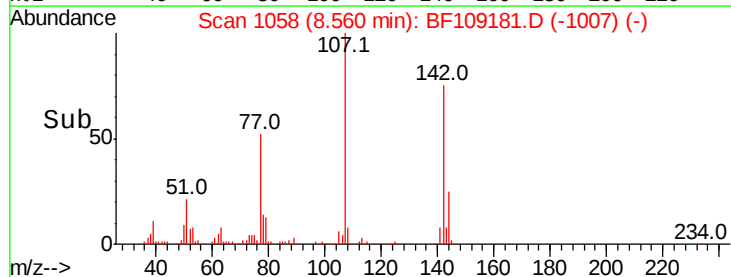
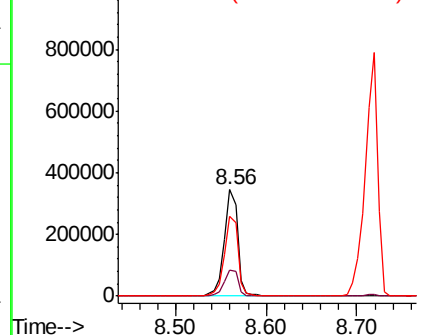
142 75.3 62.0 93.0

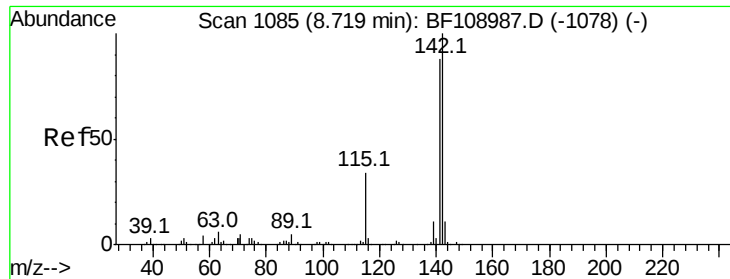


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





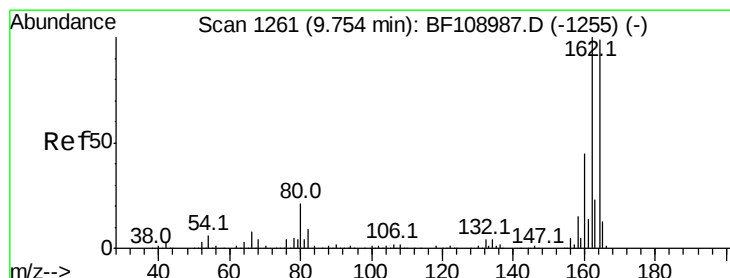
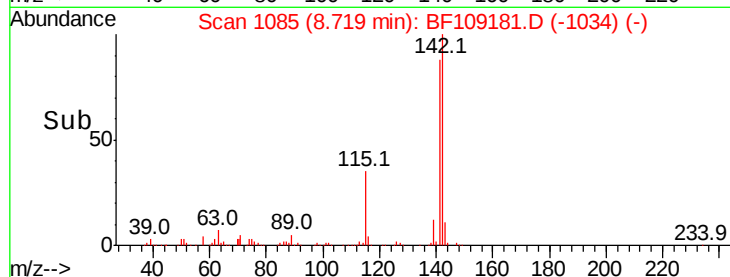
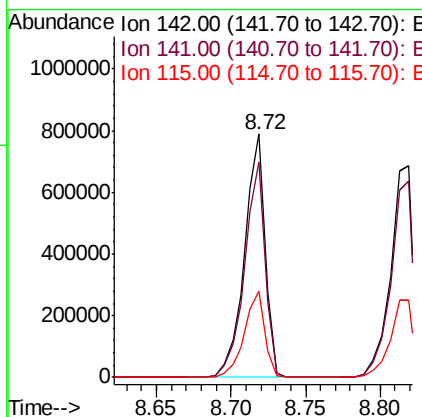
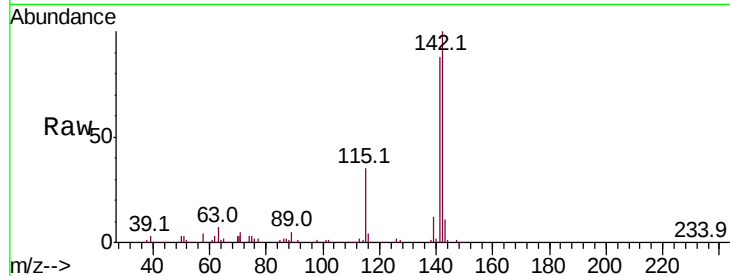
#37
2-Methylnaphthalene
Concen: 43.389 ng
RT: 8.72 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	35.2	26.1	39.1

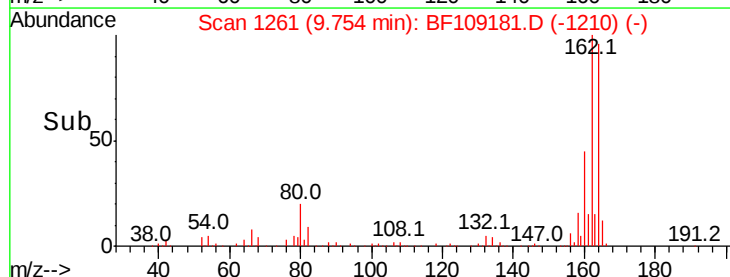
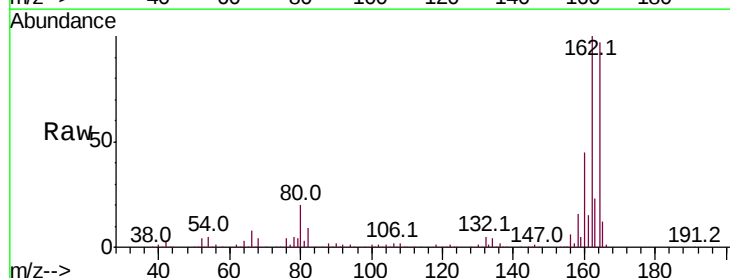
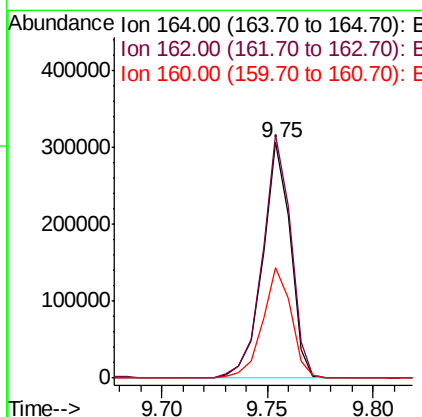
Manual Integrations
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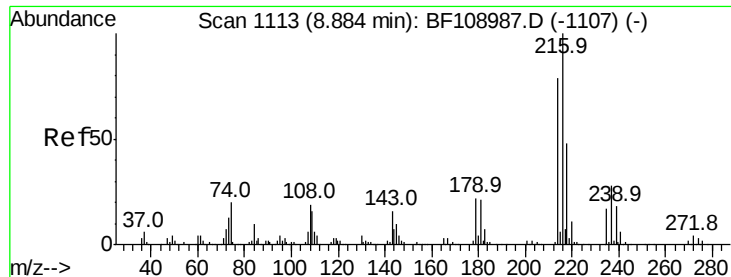
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.0	38.3	57.5





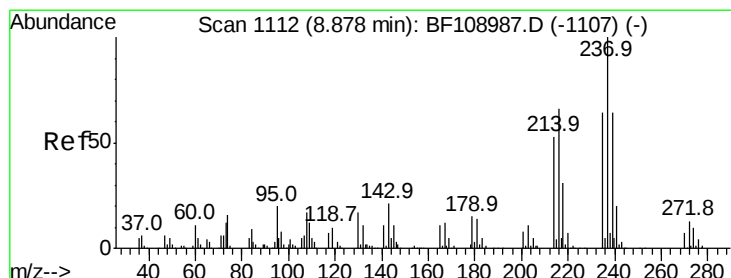
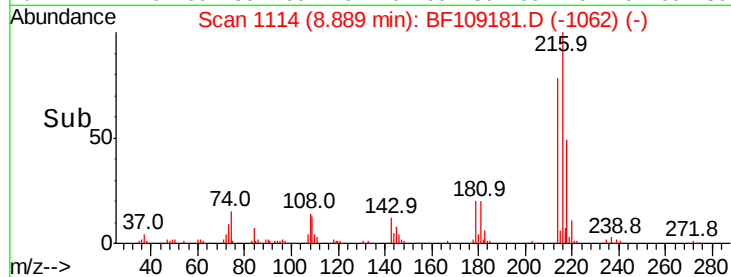
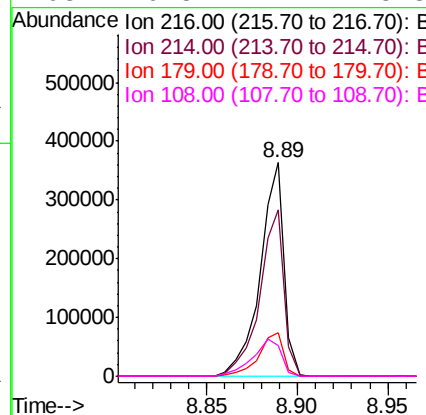
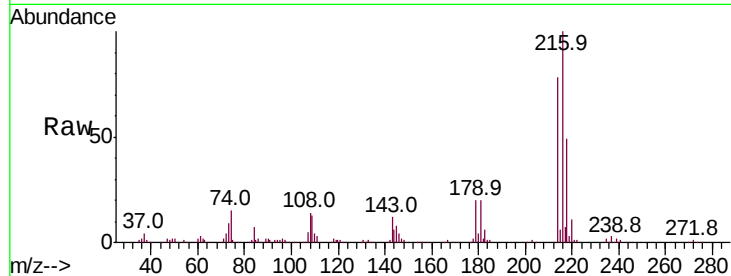
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.745 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	332241		
214	78.9	63.0	94.4	
179	21.0	18.1	27.1	
108	20.8	17.2	25.8	

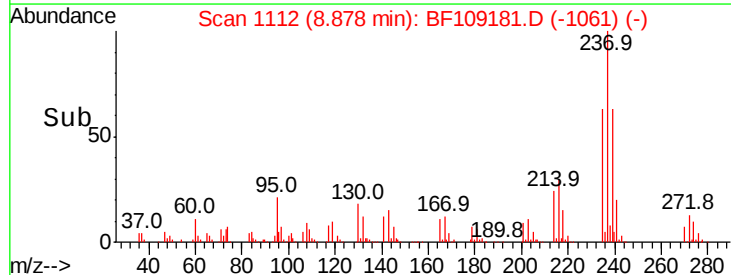
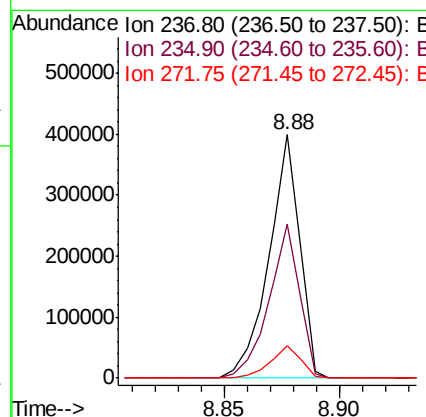
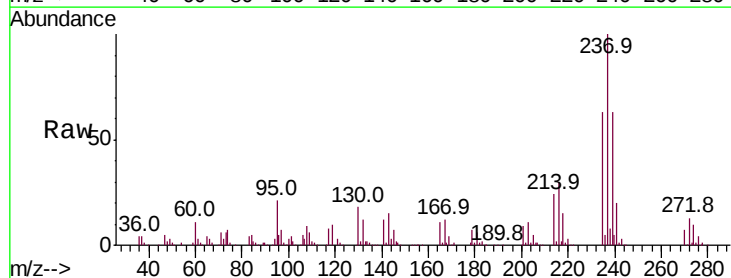
Manual Integrations
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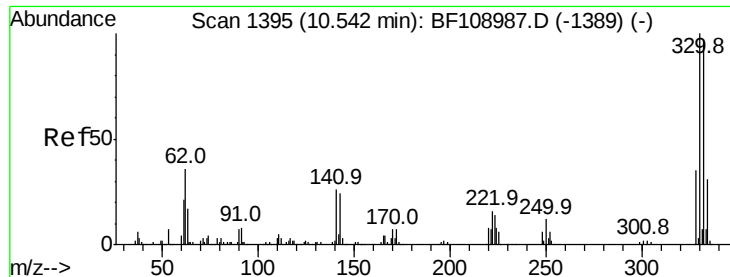
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 83.407 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	369900		
235	63.4	44.8	84.8	
272	13.1	0.0	33.3	





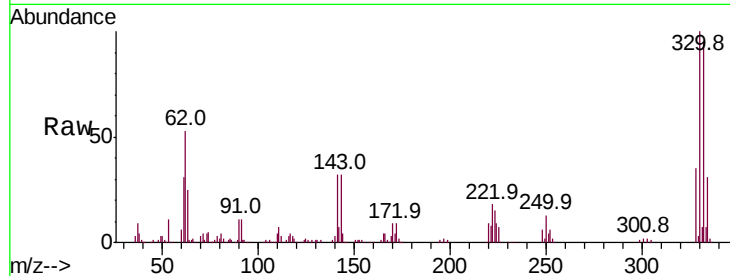
#41
 2,4,6-Tribromophenol
 Concen: 103.142 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

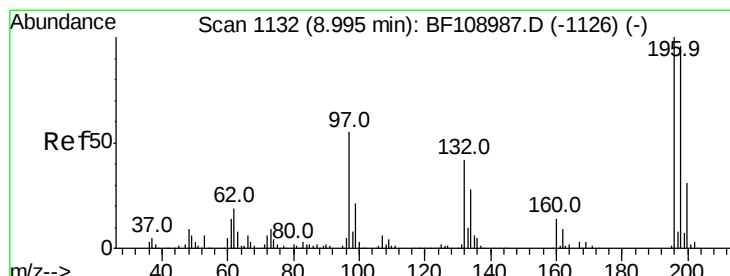
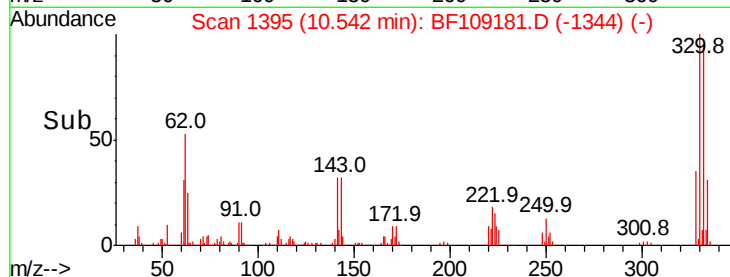
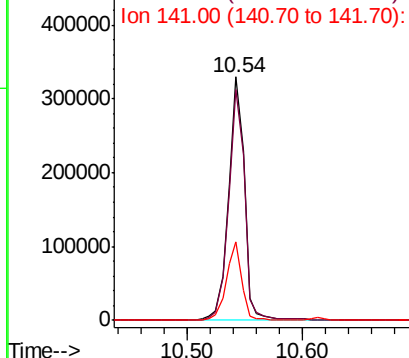
Tot Ion:	330	Resp:	313046
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	31.5	29.9	44.9

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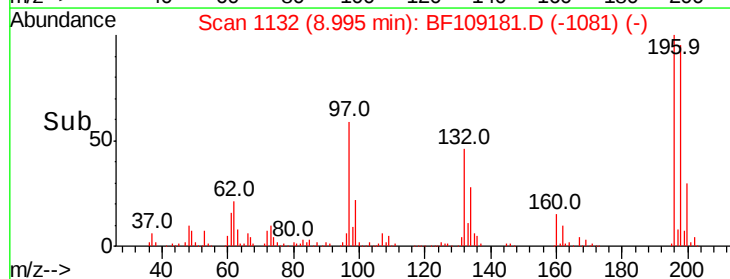
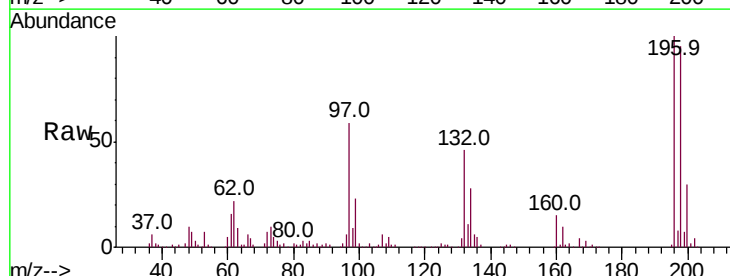
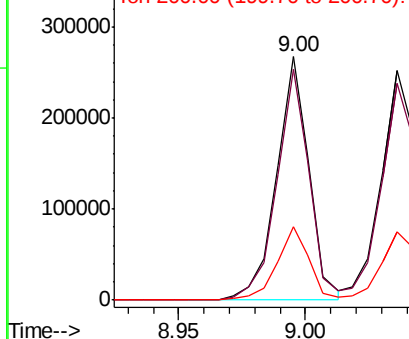
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.384 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion:	196	Resp:	238925
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.7	113.5
200	30.1	24.5	36.7

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





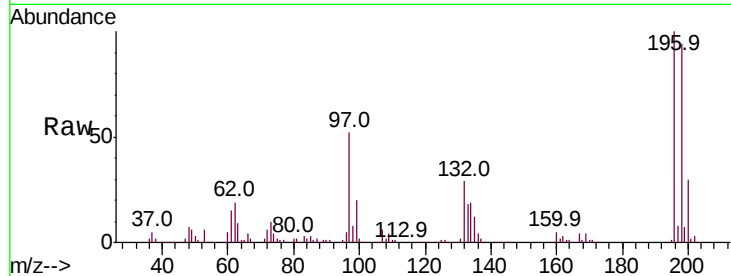
#43
 2,4,5-Trichlorophenol
 Concen: 41.159 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	254469		
198	94.4		74.6	112.0
97	52.5		42.9	64.3
132	28.7		26.3	39.5

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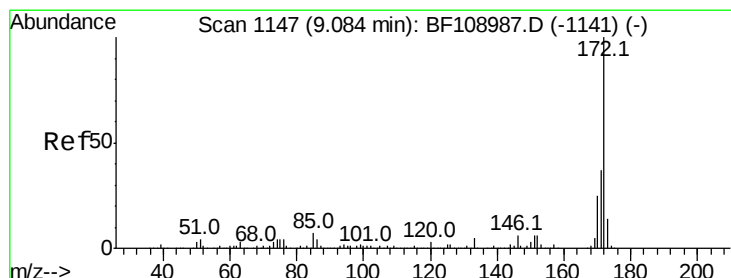
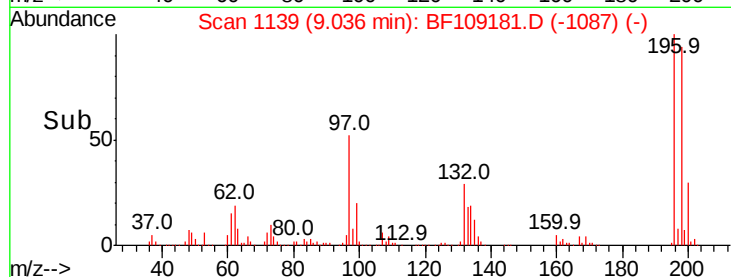
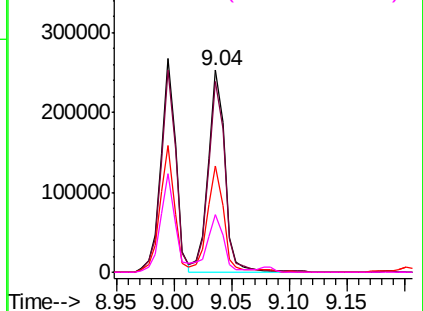
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

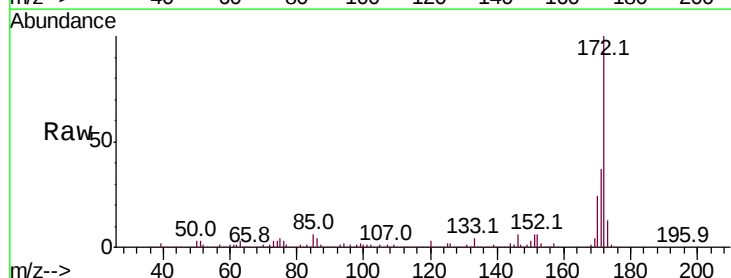
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.228 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1324986		
171	36.8		29.7	44.5
170	24.4		19.6	29.4

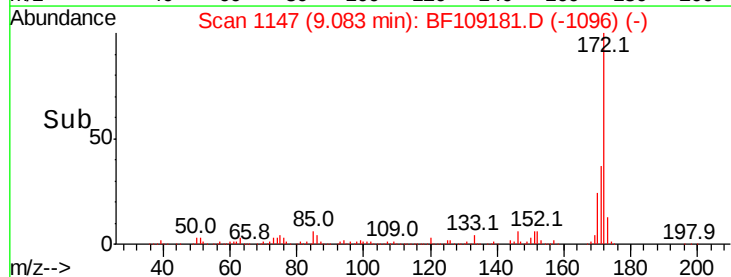
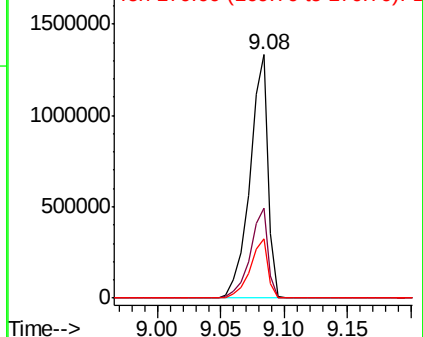


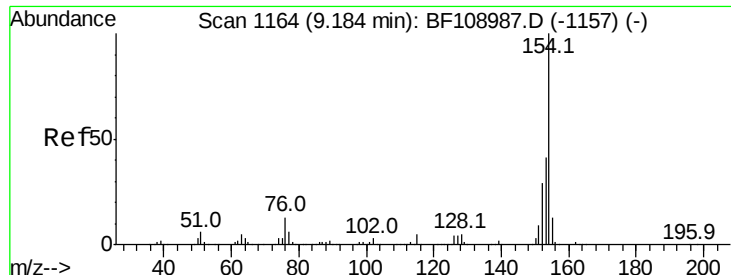
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.659 ng

RT: 9.18 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

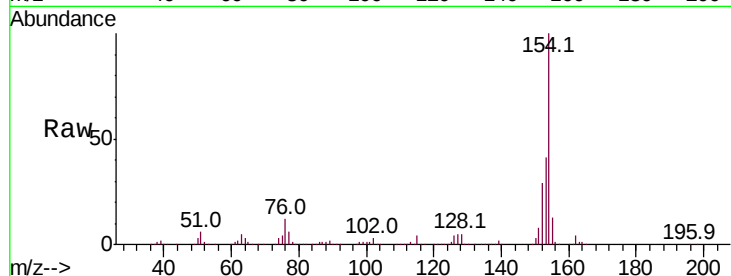
ClientSampleId :

PB113049BS

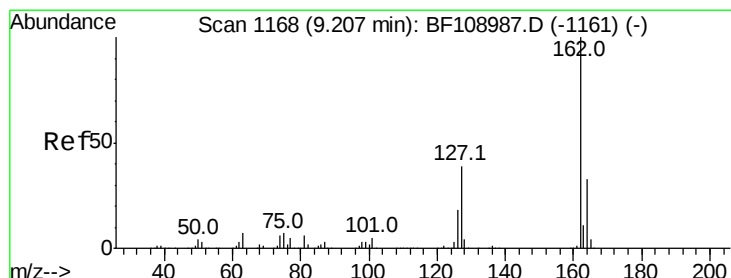
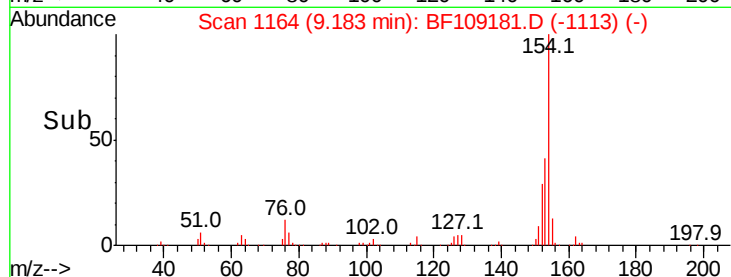
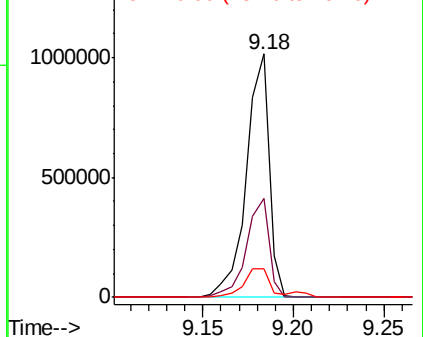
Tot Ion:	154	Resp:	887345
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	11.7	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 38.469 ng

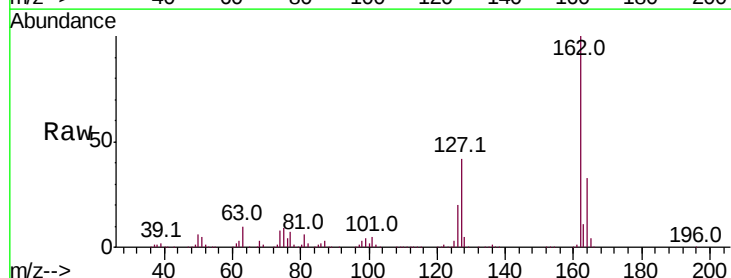
RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

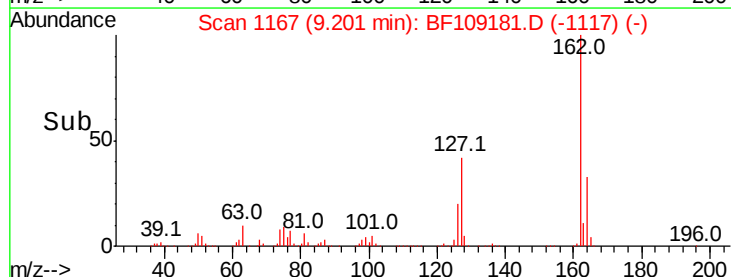
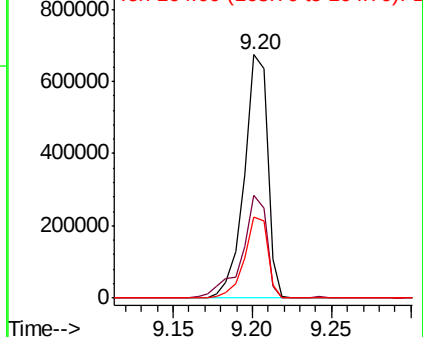
Lab File: BF109181.D

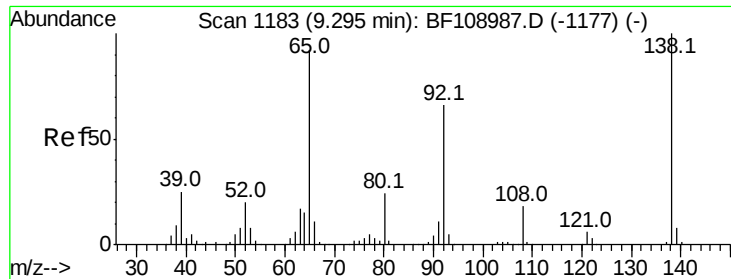
Acq: 20 Sep 2018 14:54

Tgt Ion:	162	Resp:	689318
Ion Ratio	Lower	Upper	
162	100		
127	42.4	33.9	50.9
164	33.1	26.5	39.7



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





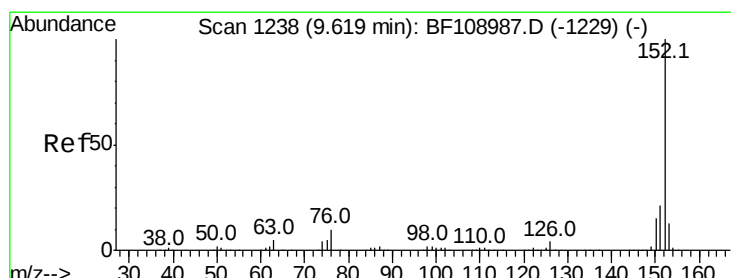
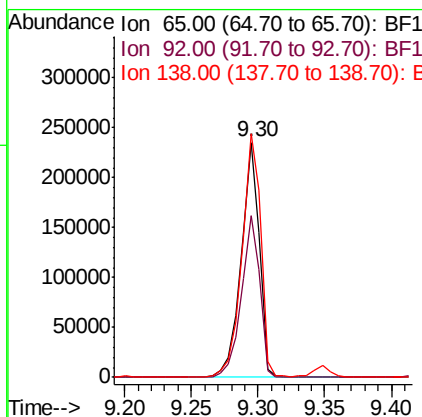
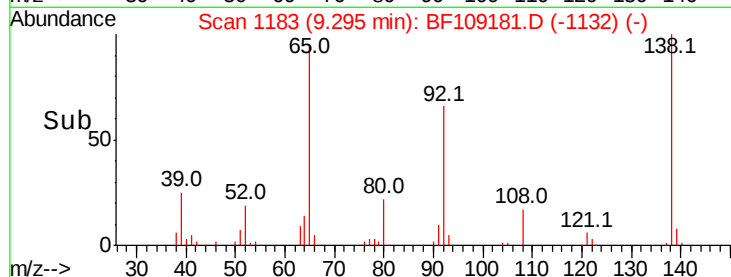
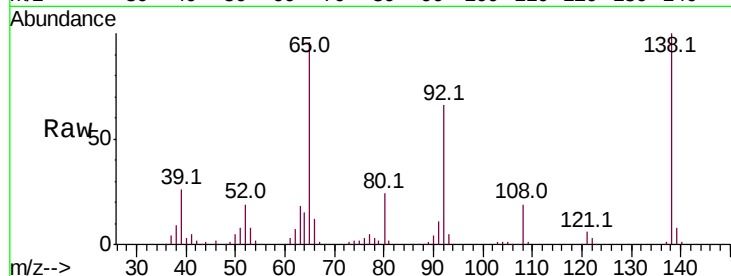
#47
 2-Nitroaniline
 Concen: 40.181 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion:	65	Resp:	221340
Ion Ratio	Lower	Upper	
65	100		
92	68.9	55.8	83.6
138	103.7	91.2	136.8

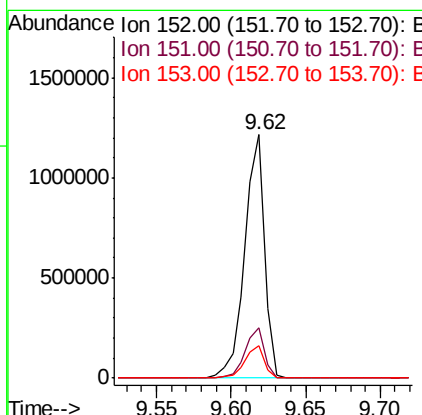
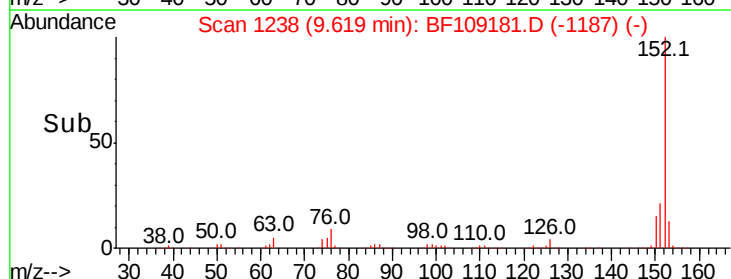
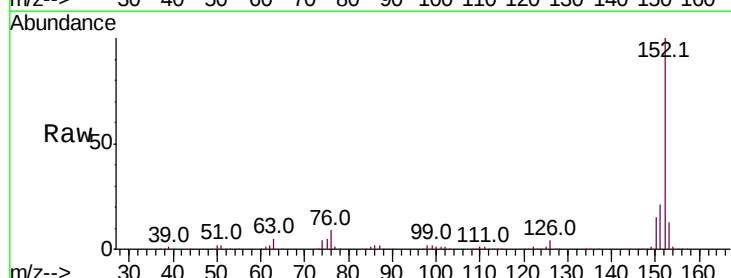
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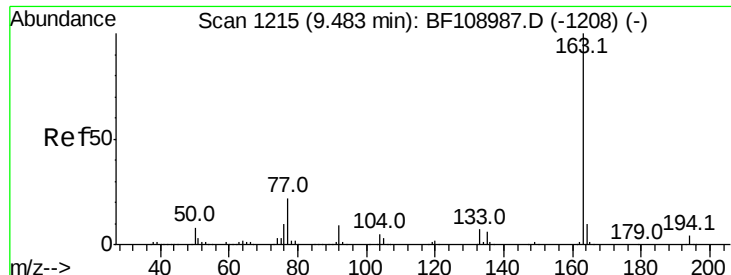
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#48
 Acenaphthylene
 Concen: 41.215 ng
 RT: 9.62 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion:	152	Resp:	1113472
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.2	10.7	16.1





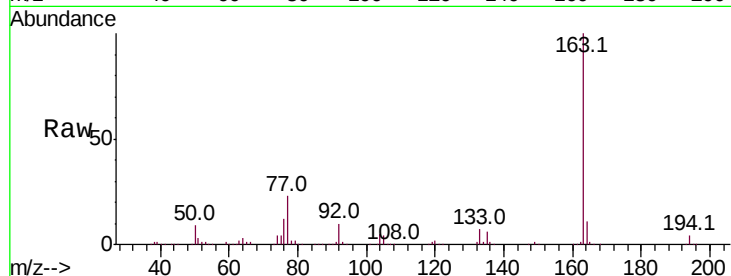
#49
Dimethylphthalate
Concen: 40.375 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

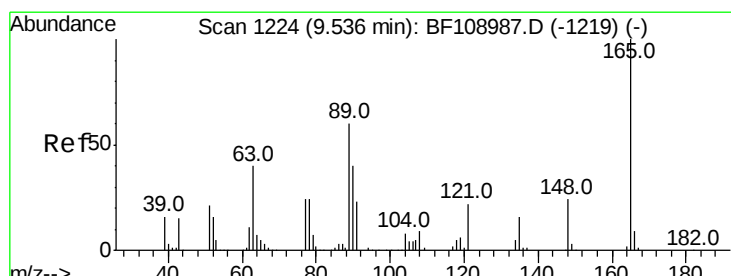
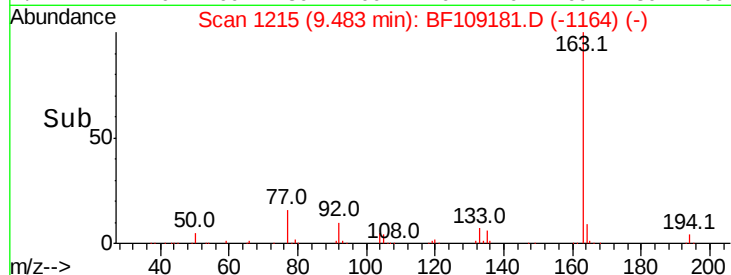
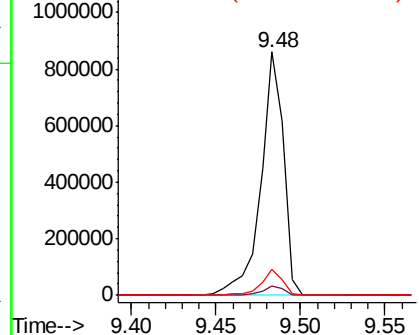
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.5	8.2	12.2	

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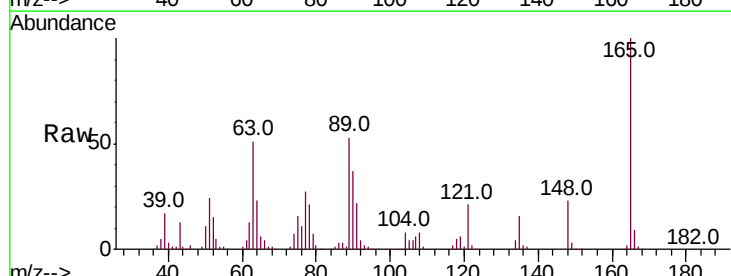


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

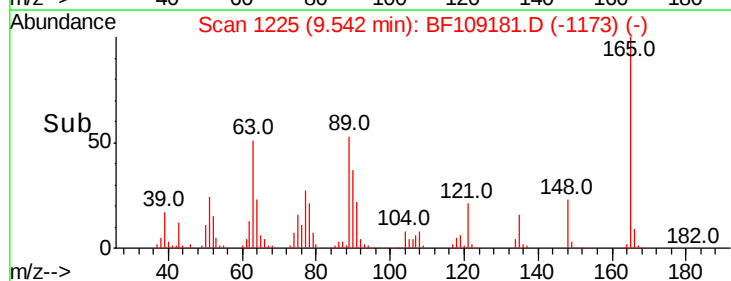
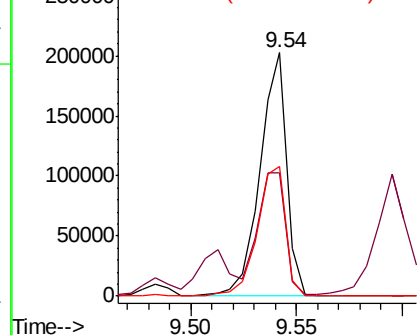


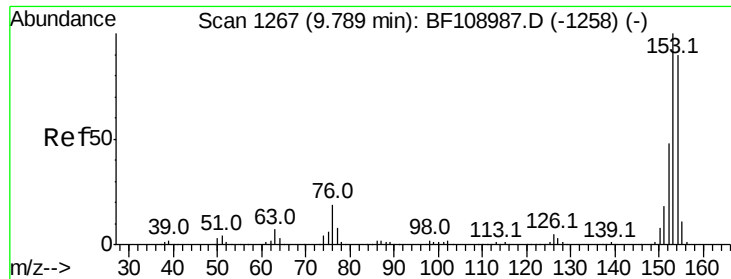
#50
2,6-Dinitrotoluene
Concen: 40.315 ng
RT: 9.54 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.6	44.7	67.1	
89	53.2	44.0	66.0	



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





#51

Acenaphthene

Concen: 38.713 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

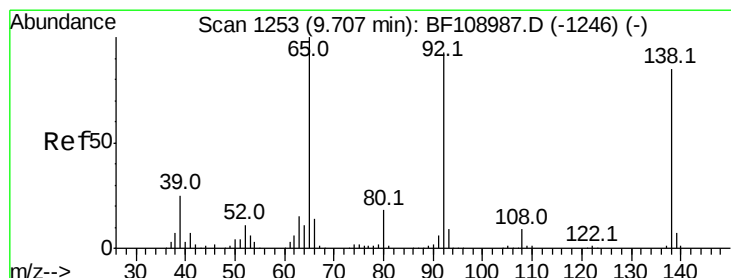
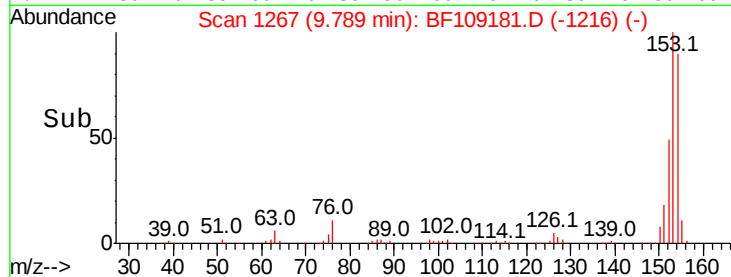
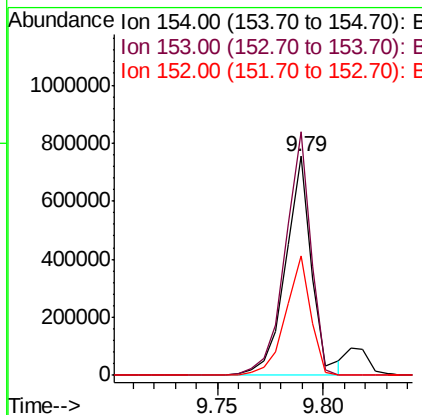
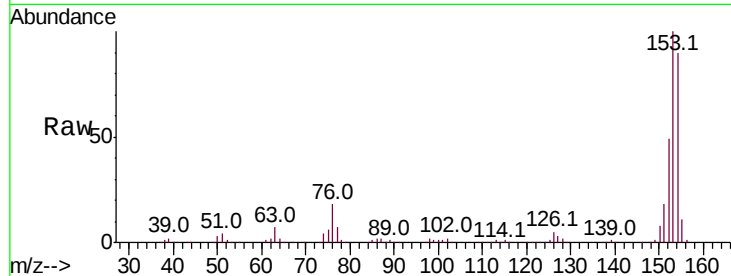
ClientSampled :

PB113049BS

Tot Ion:	154	Resp:	651261
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.2	136.8
152	54.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.417 ng

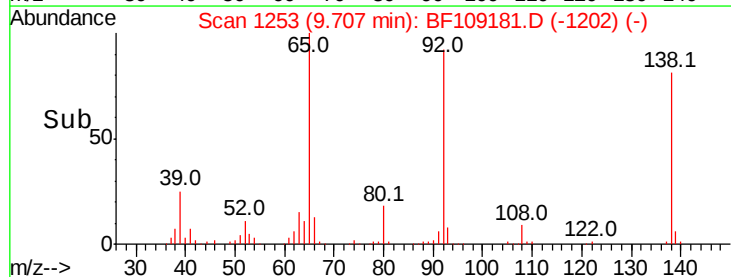
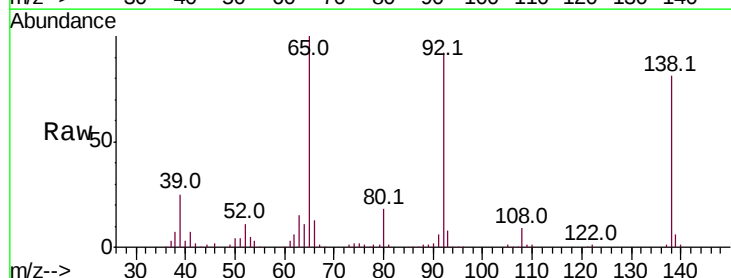
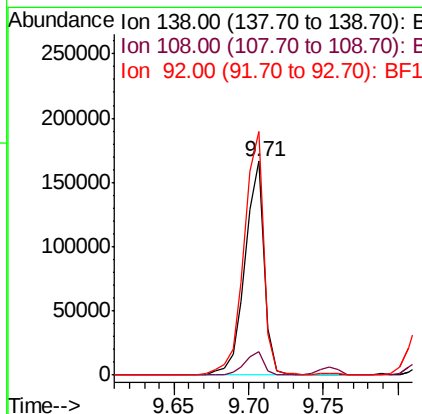
RT: 9.71 min Scan# 1253

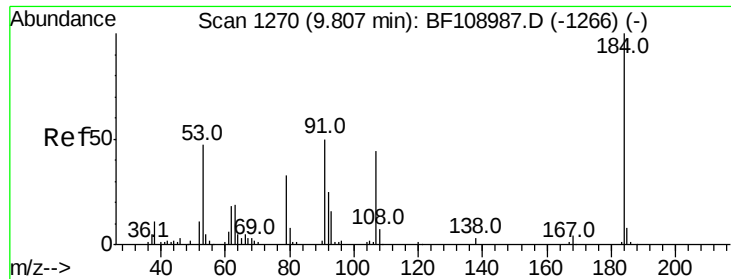
Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion:	138	Resp:	148330
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	113.9	89.4	134.2





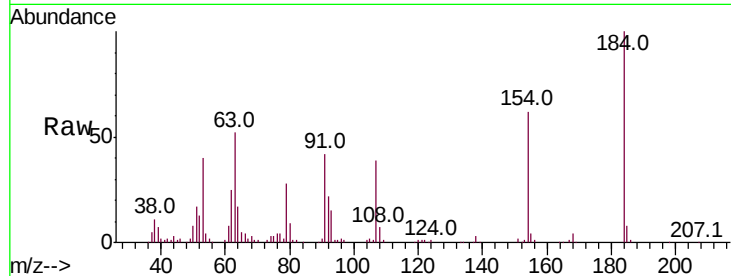
#53
 2,4-Dinitrophenol
 Concen: 86.593 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampled :
 PB113049BS

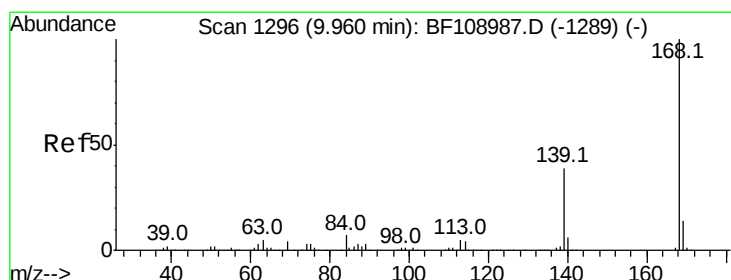
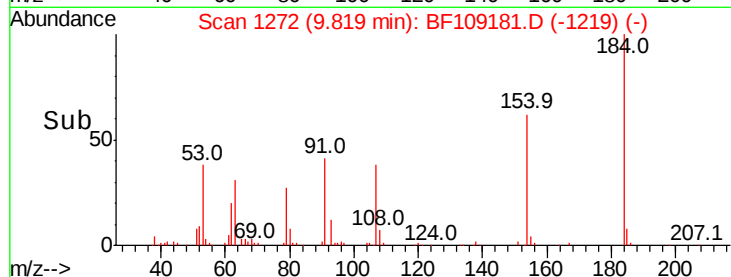
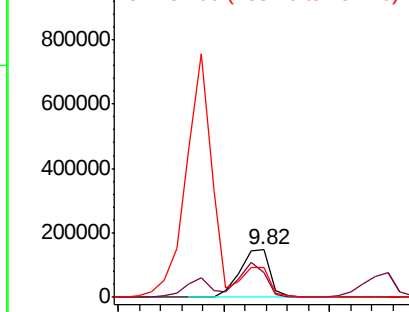
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	51.6	54.2	81.2#	
154	62.2	184.0	276.0#	

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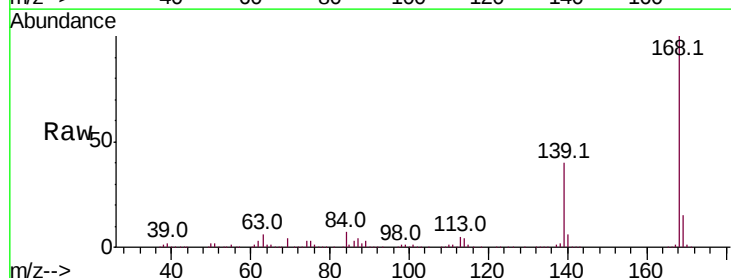


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

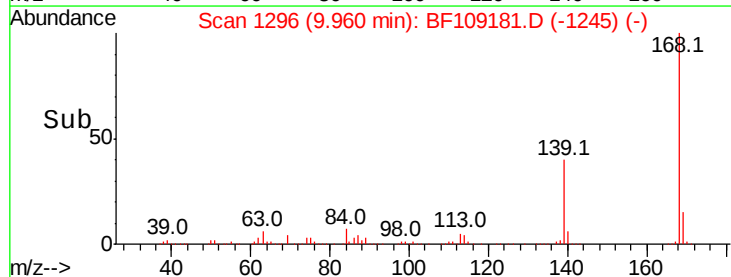
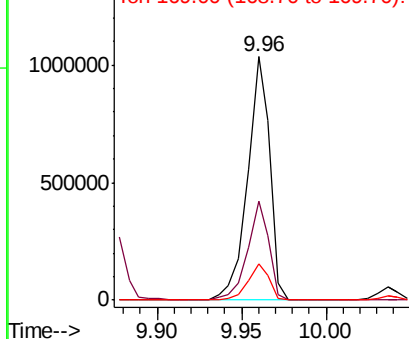


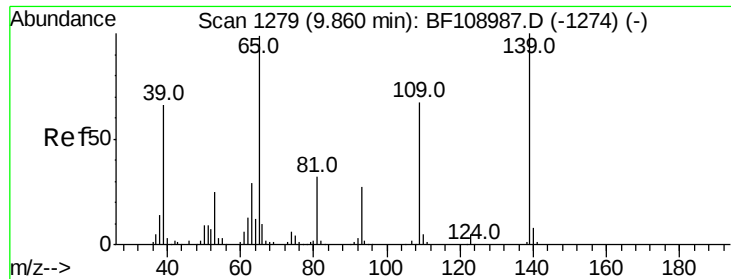
#54
 Dibenzofuran
 Concen: 39.256 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	30.1	45.1	
169	14.9	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.883 ng

RT: 9.88 min Scan# 1282

Delta R.T. 0.02 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

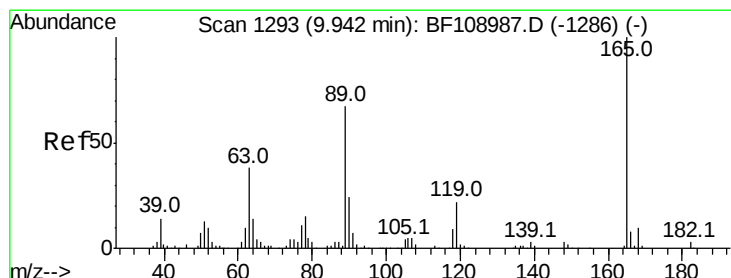
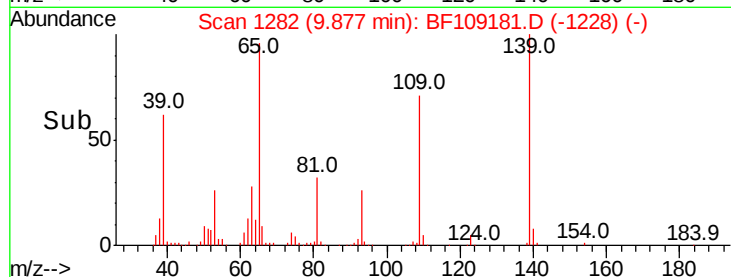
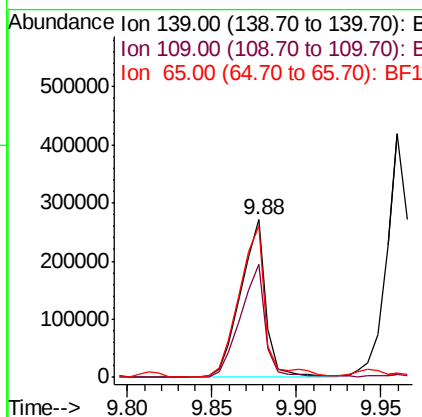
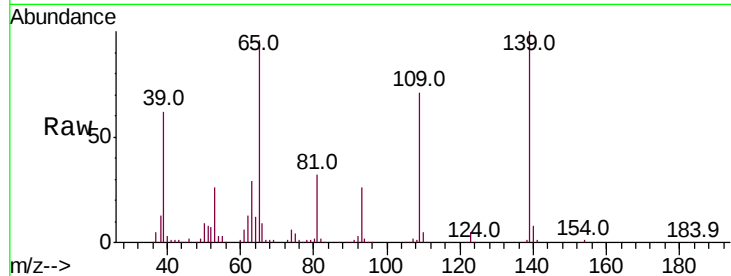
ClientSampleId :

PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	284136		
109	71.4	48.4	88.4	
65	96.2	72.6	112.6	

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#56

2,4-Dinitrotoluene

Concen: 41.655 ng

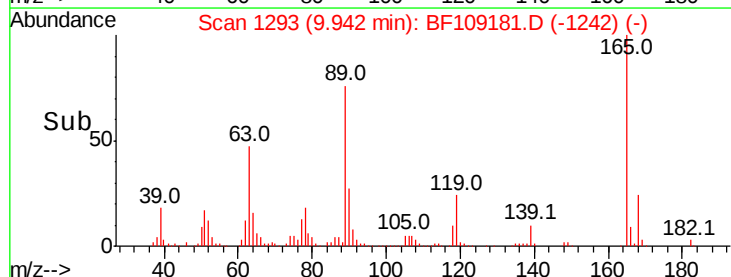
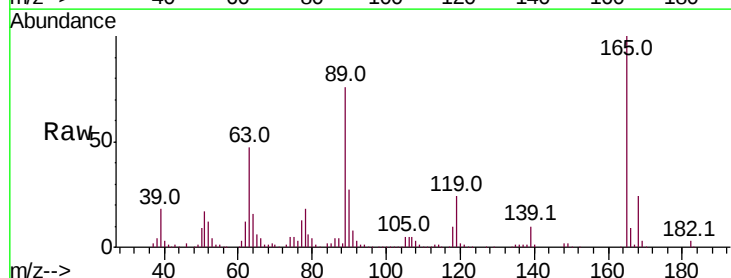
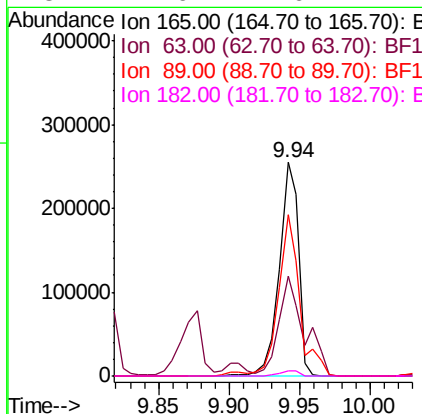
RT: 9.94 min Scan# 1293

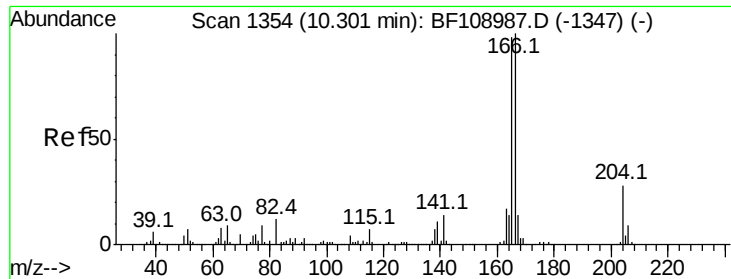
Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241485		
63	46.6	36.4	54.6	
89	75.7	57.8	86.6	
182	2.6	1.6	2.4	#





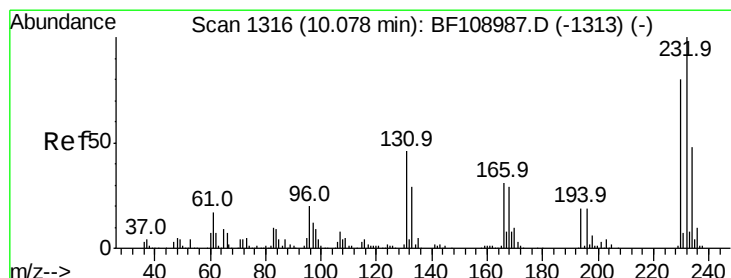
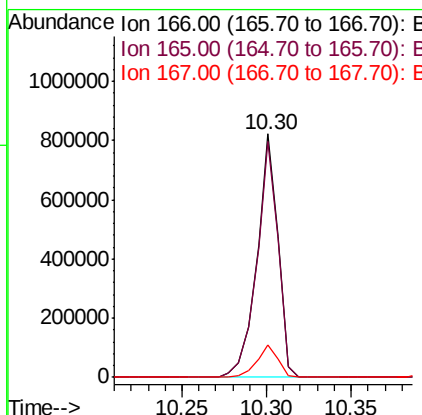
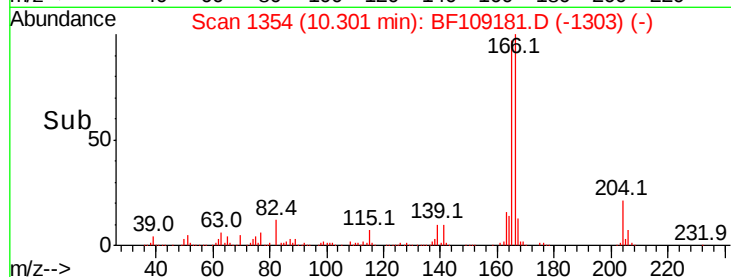
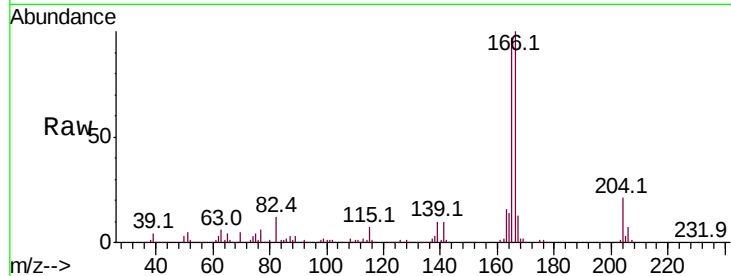
#57
 Fluorene
 Concen: 44.209 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.8	119.8
167	13.3	10.6	16.0

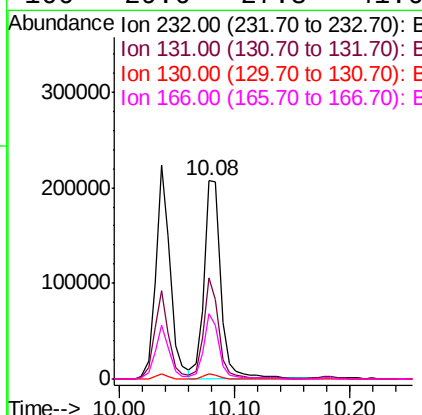
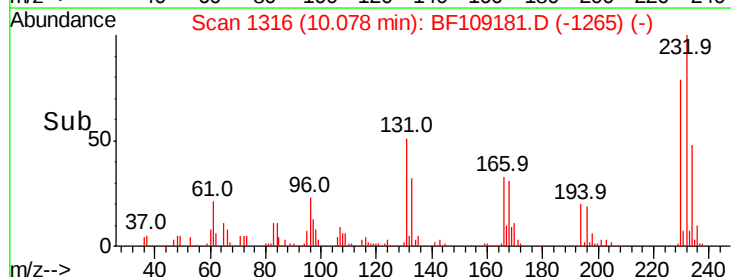
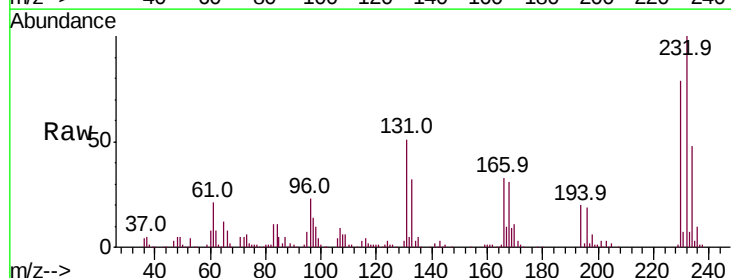
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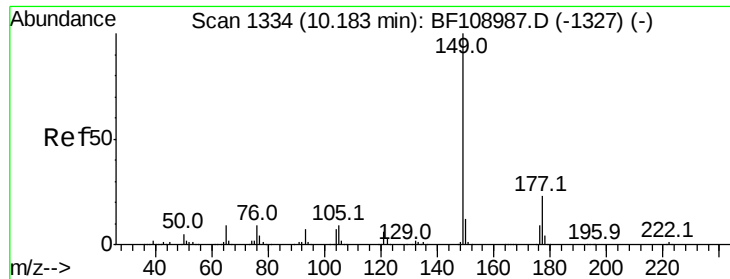
Sohil
 9/21/2018 10:37:48 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.815 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.4	43.8	65.8
130	2.2	2.1	3.1
166	29.6	27.8	41.6





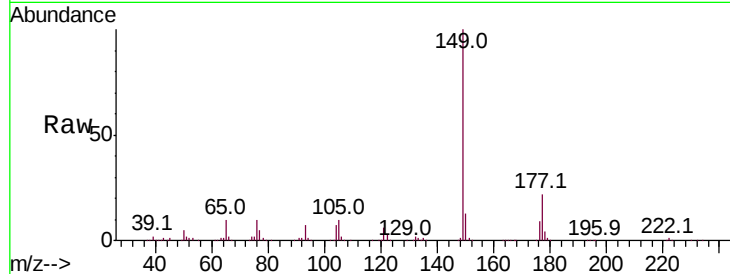
#59
Diethylphthalate
Concen: 39.057 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

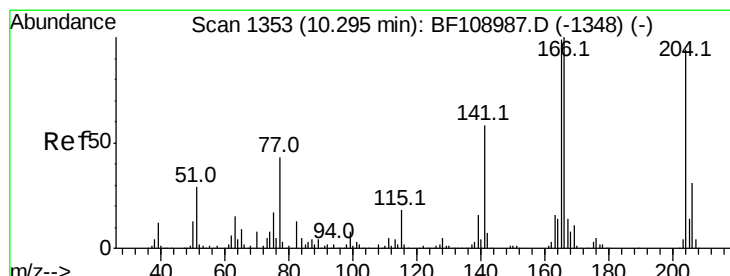
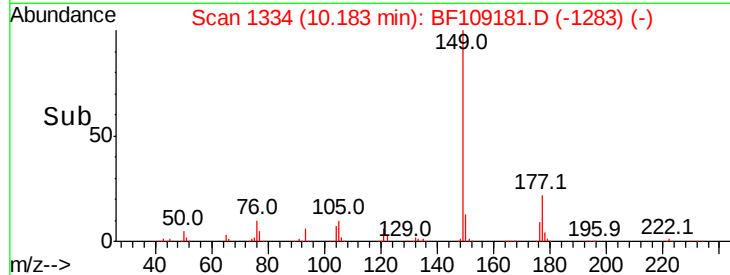
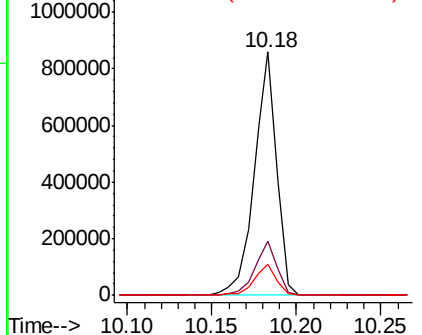
Tot Ion	Ratio	Resp	Lower	Upper
149	100	788373		
177	22.3	16.1	24.1	
150	12.6	10.1	15.1	

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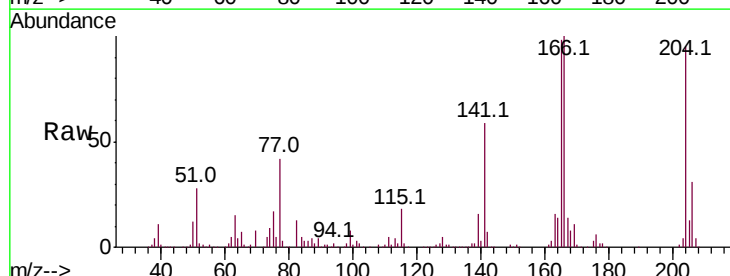


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

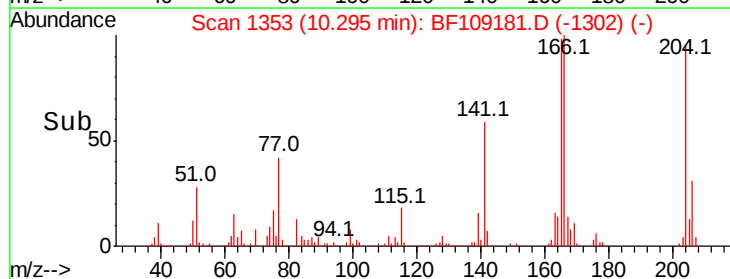
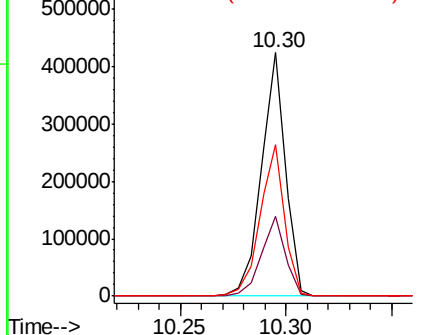


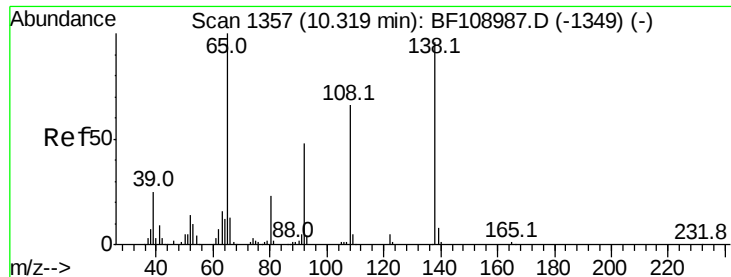
#60
4-Chlorophenyl-phenylether
Concen: 38.846 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	336984		
206	32.6	26.5	39.7	
141	62.2	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





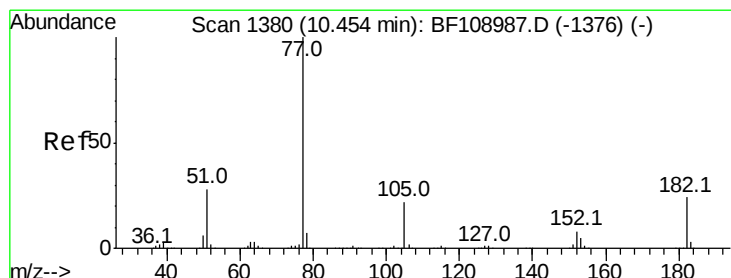
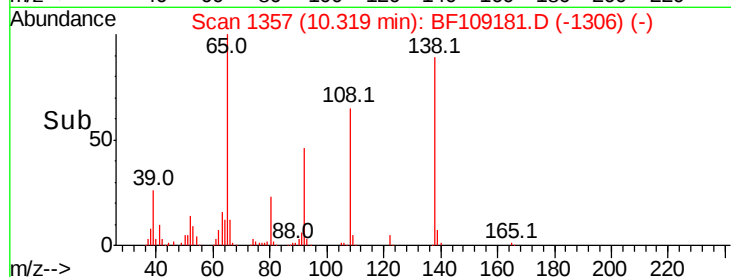
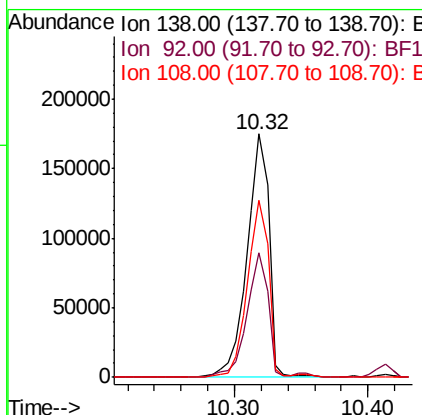
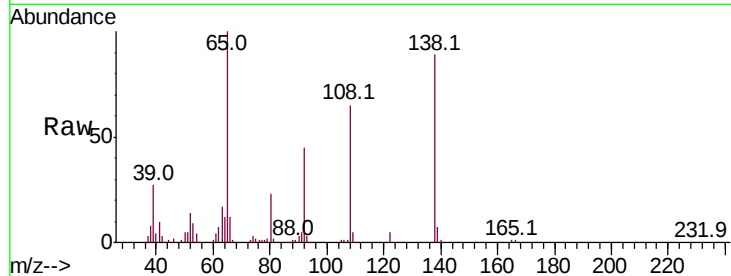
#61
4-Nitroaniline
Concen: 39.660 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	196680		
92	51.2	30.2	70.2	
108	72.9	52.5	92.5	

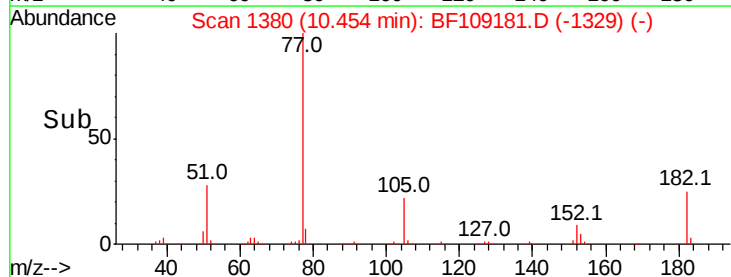
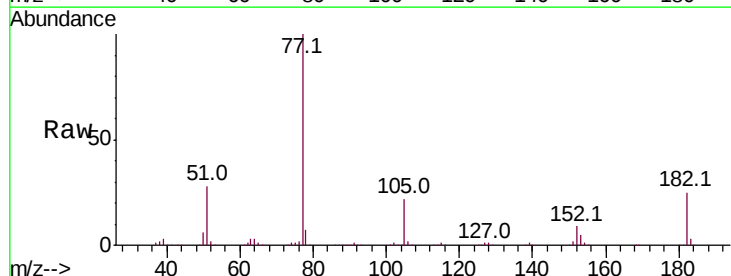
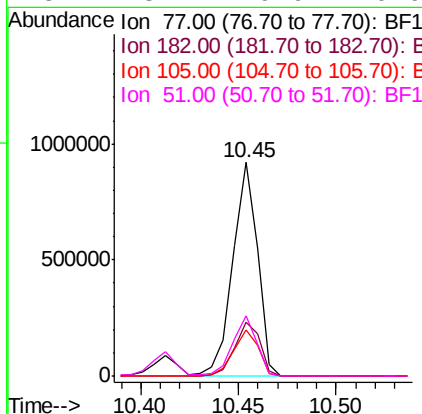
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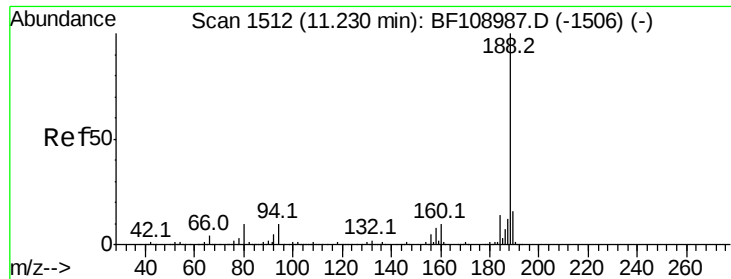
Sohil
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#62
Azobenzene
Concen: 39.128 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	808455		
182	25.1	1.7	41.7	
105	21.8	3.0	43.0	
51	28.1	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

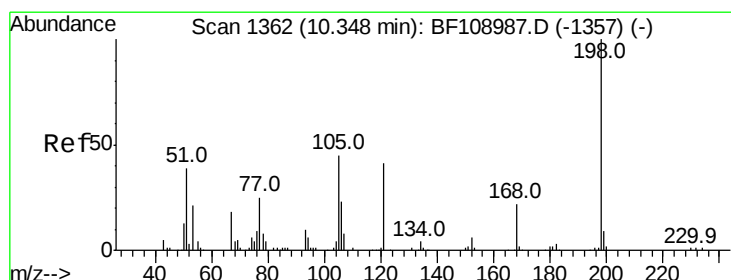
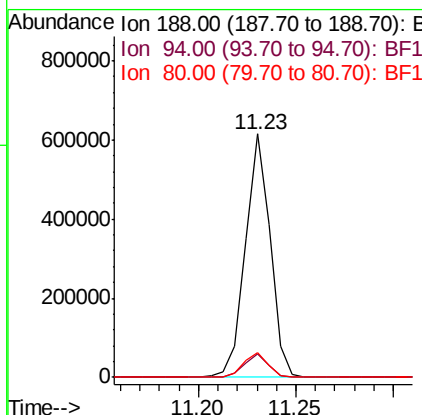
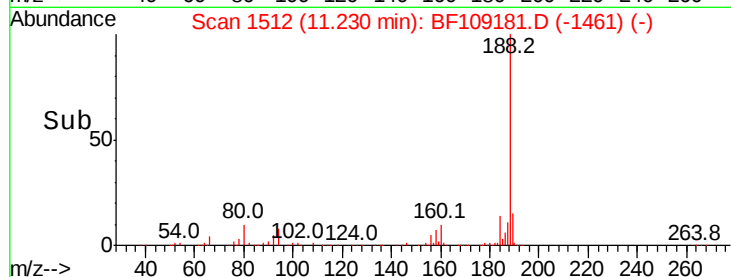
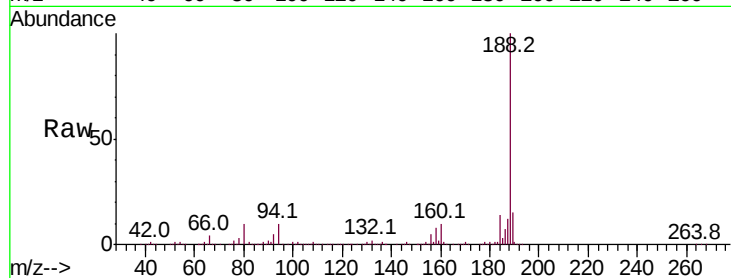
ClientSampleId :

PB113049BS

Tot Ion:188	Resp:	542908
Ion Ratio	Lower	Upper
188 100		
94 9.7	8.5	12.7
80 10.4	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.787 ng

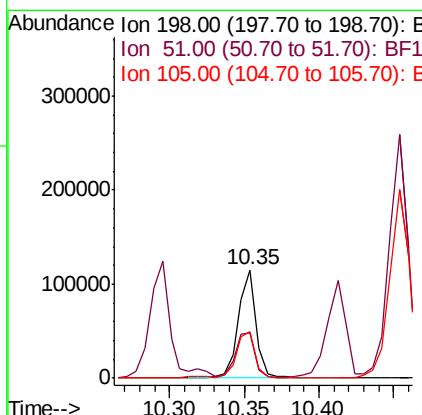
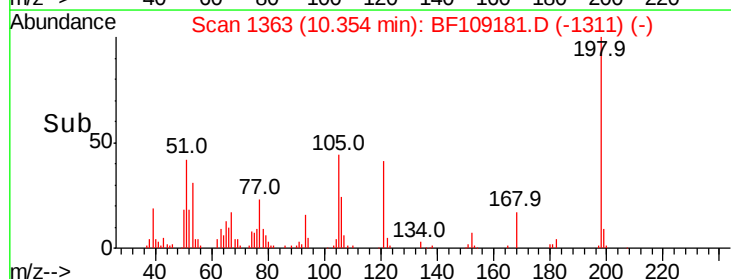
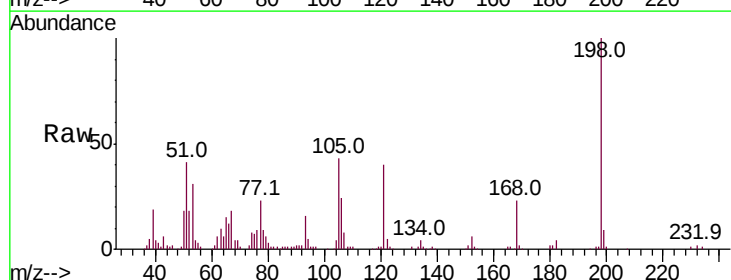
RT: 10.35 min Scan# 1363

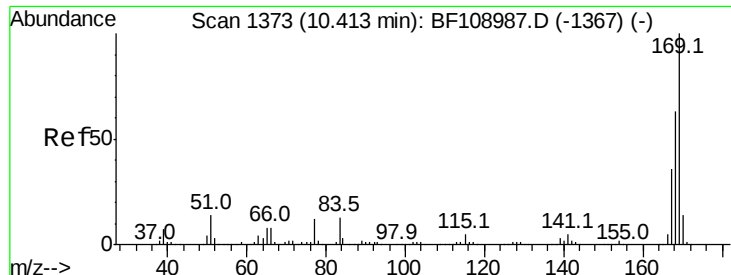
Delta R.T. 0.01 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Tgt Ion:198	Resp:	95558
Ion Ratio	Lower	Upper
198 100		
51 41.2	37.7	77.7
105 42.8	36.3	76.3





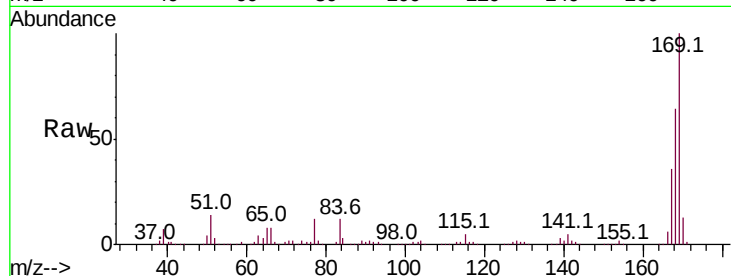
#65
 n-Nitrosodiphenylamine
 Concen: 38.852 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	35.8	29.8	44.6

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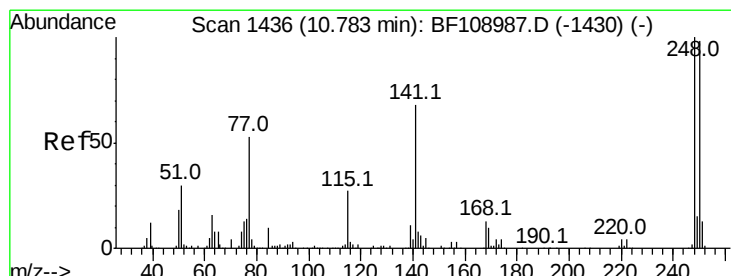
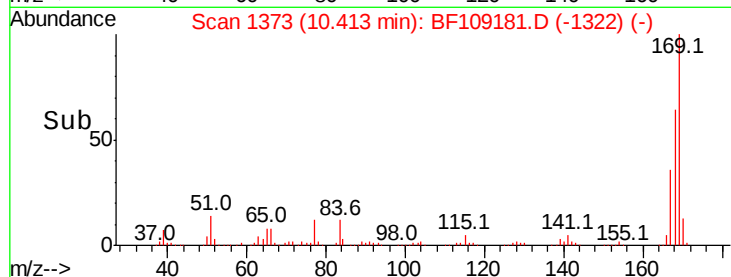
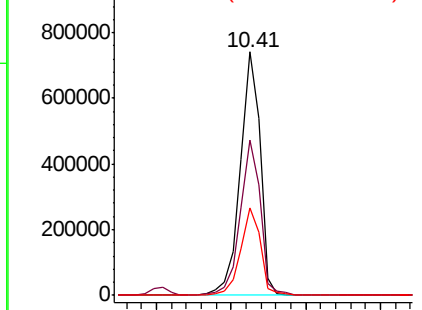


Abundance

Ion 169.00 (168.70 to 169.70): E

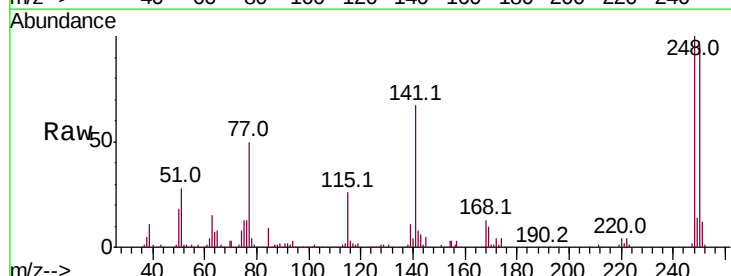
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 38.017 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	66.8	74.4	111.6#

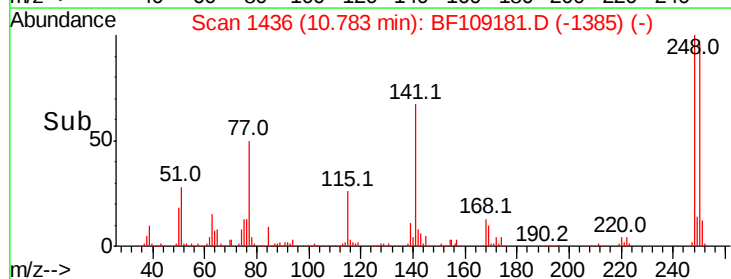
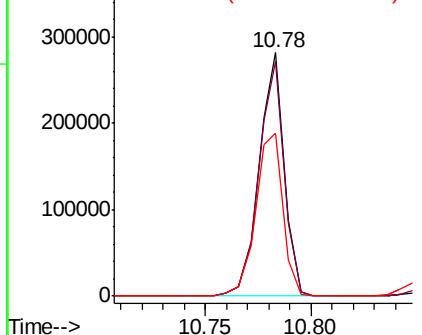


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.232 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

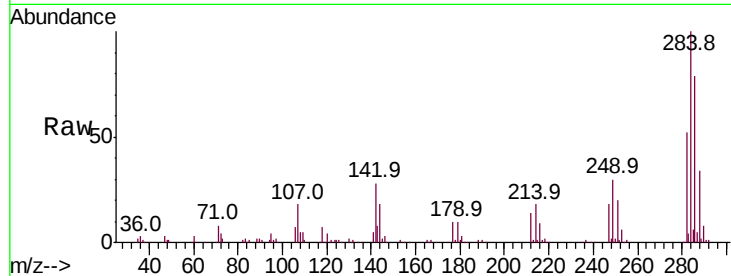
ClientSampleId :

PB113049BS

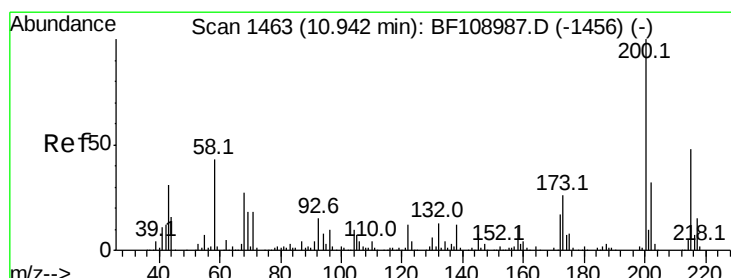
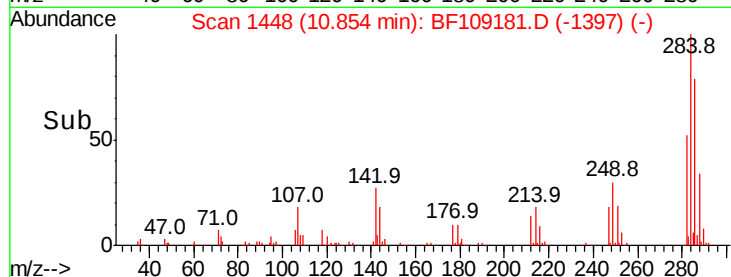
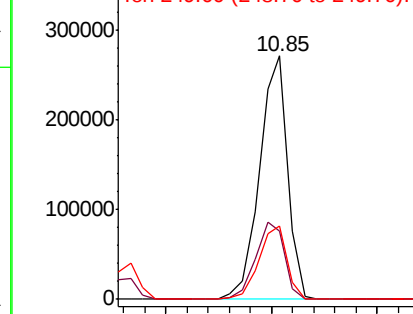
Tot Ion:	284	Resp:	250299
Ion Ratio	Lower	Upper	
284	100		
142	27.9	34.6	52.0#
249	29.9	24.8	37.2

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



#68

Atrazine

Concen: 39.173 ng

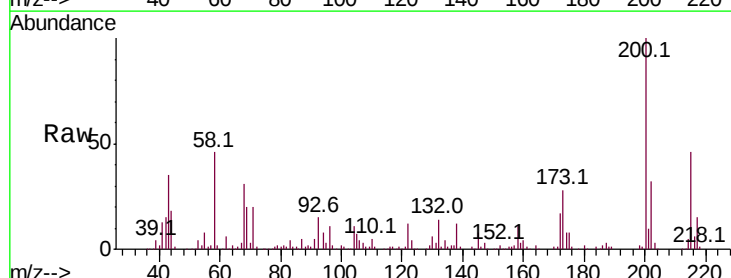
RT: 10.94 min Scan# 1463

Delta R.T. -0.00 min

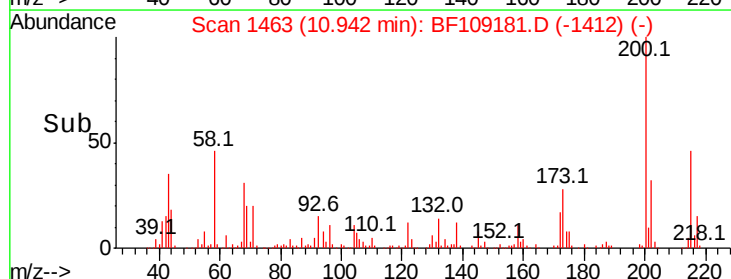
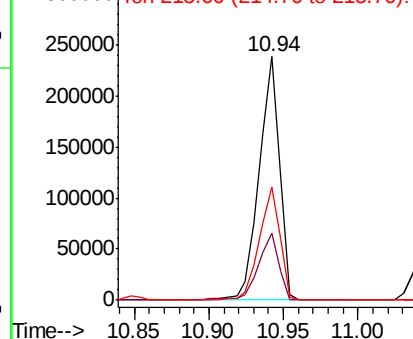
Lab File: BF109181.D

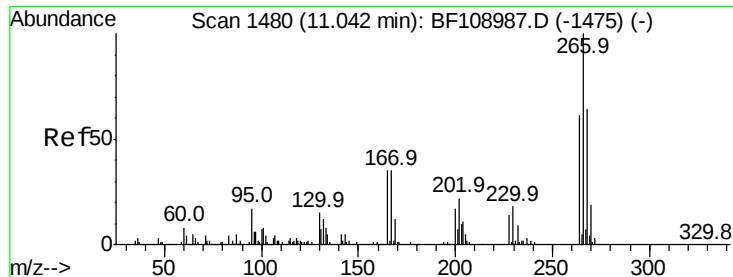
Acq: 20 Sep 2018 14:54

Tgt Ion:	200	Resp:	222694
Ion Ratio	Lower	Upper	
200	100		
173	27.8	8.6	48.6
215	46.3	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





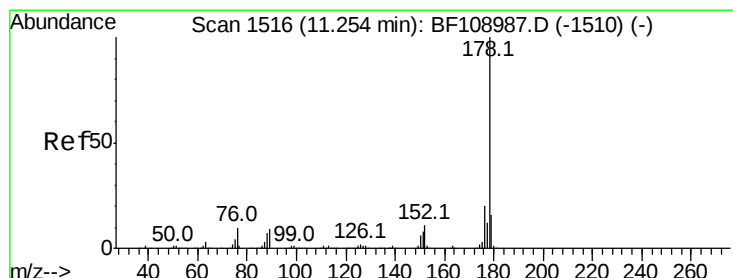
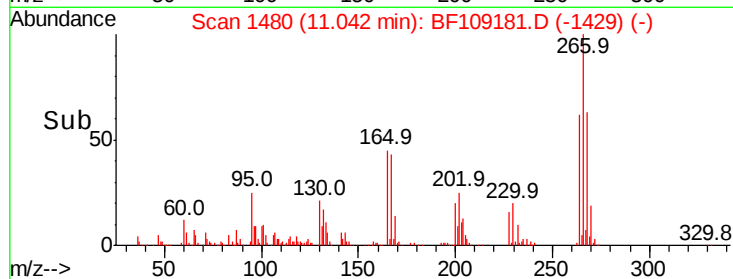
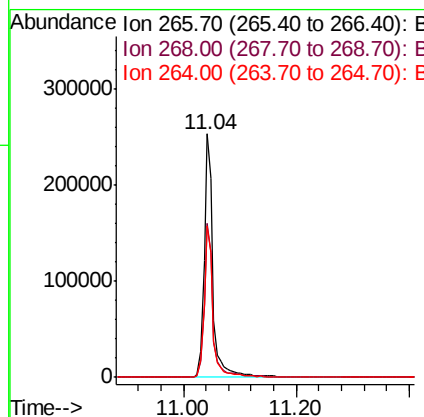
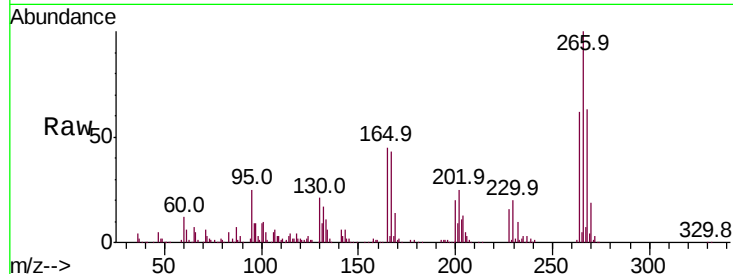
#69
 Pentachlorophenol
 Concen: 66.370 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	277998		
268	63.1		51.1	76.7
264	62.3		49.5	74.3

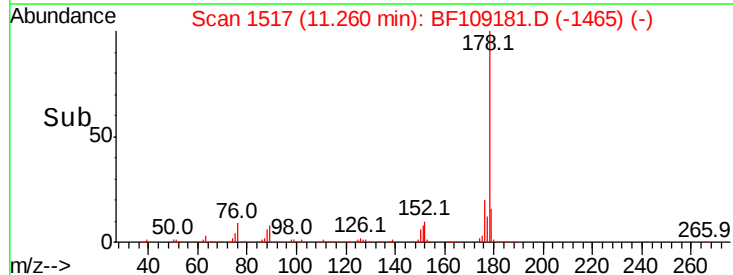
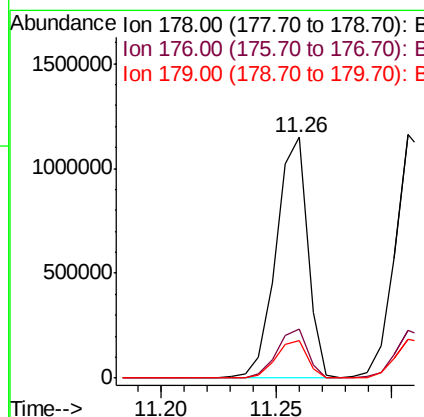
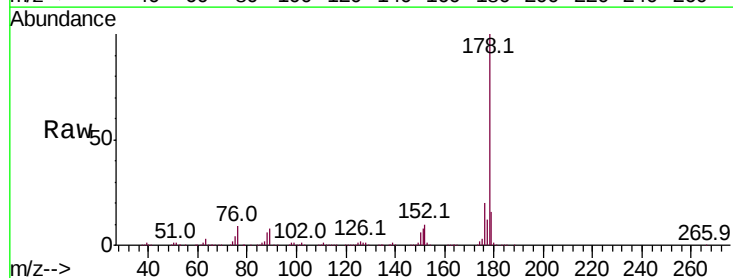
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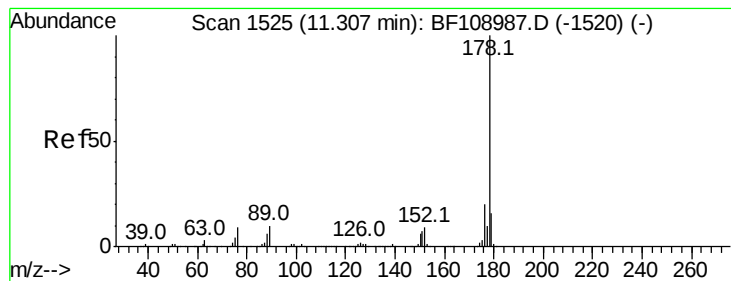
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#70
 Phenanthrene
 Concen: 40.860 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1087429		
176	20.4		15.8	23.8
179	15.7		13.0	19.6





#71

Anthracene

Concen: 41.626 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

ClientSampleId :

PB113049BS

Tot Ion:178 Resp: 1122974

Ion Ratio Lower Upper

178 100

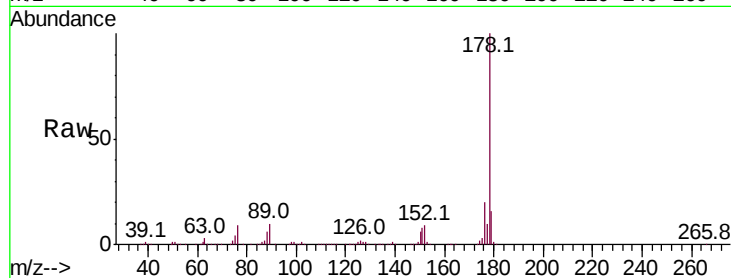
176 19.6 15.4 23.2

179 16.2 12.6 19.0

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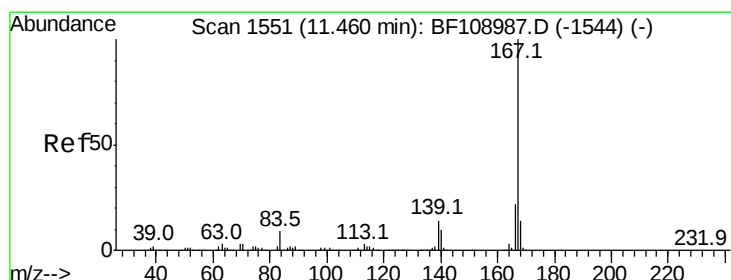
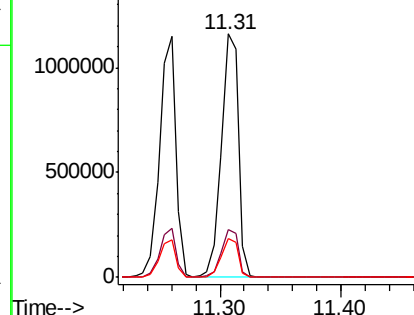
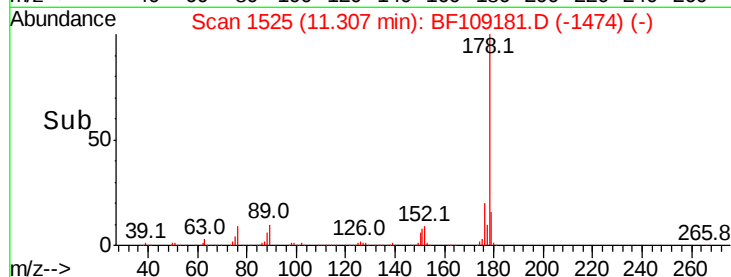


Abundance

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

Carbazole

Concen: 37.233 ng

RT: 11.46 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

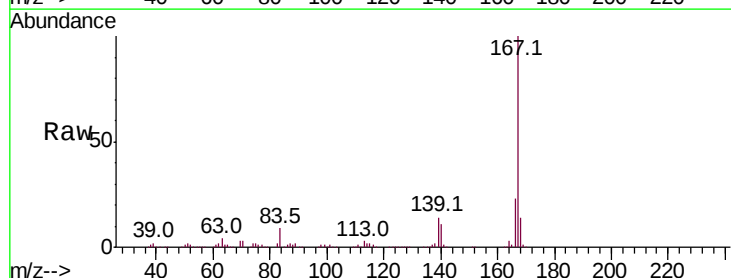
Tgt Ion:167 Resp: 994323

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

139 13.8 10.9 16.3

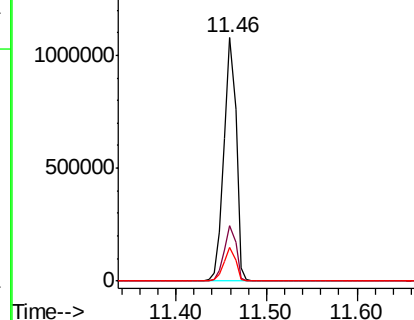
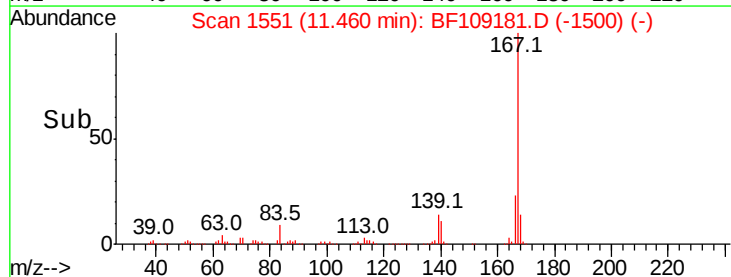


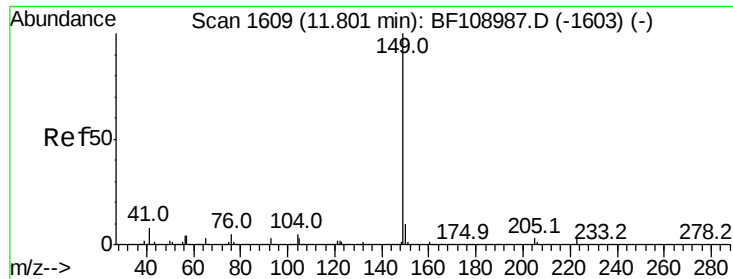
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





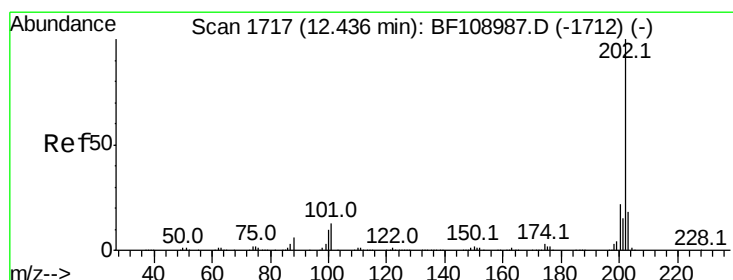
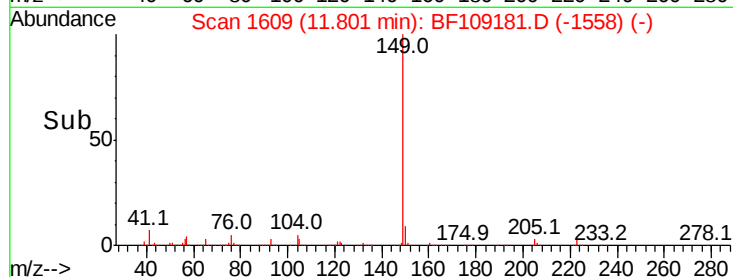
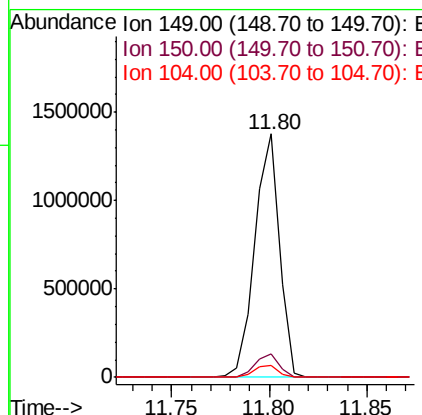
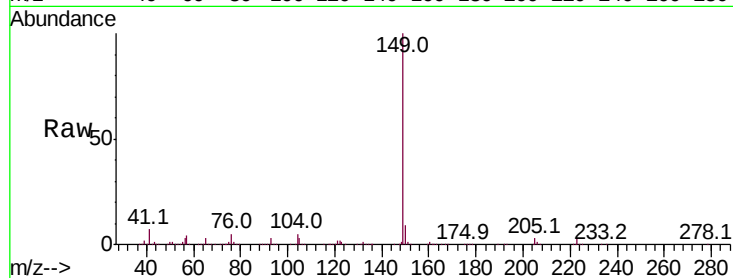
#73
Di-n-butylphthalate
Concen: 38.476 ng
RT: 11.80 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.0	3.8	5.8

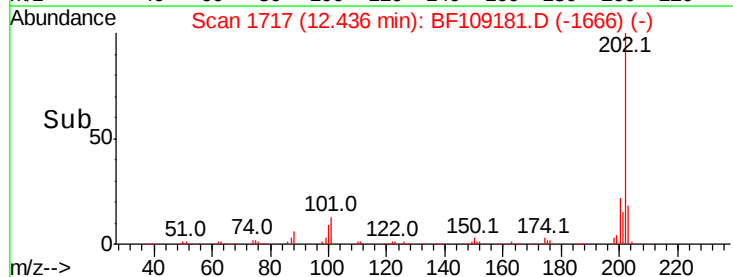
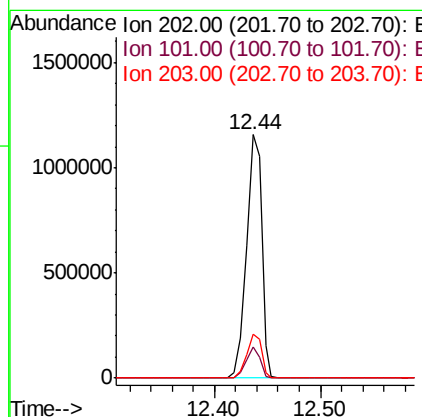
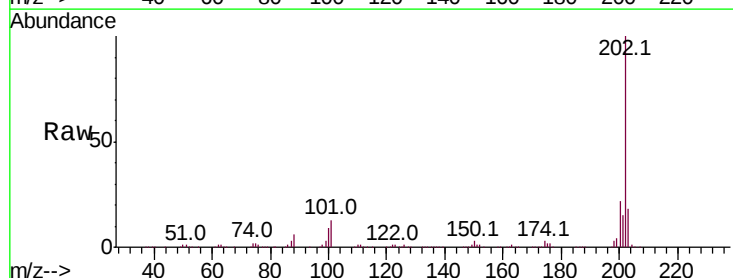
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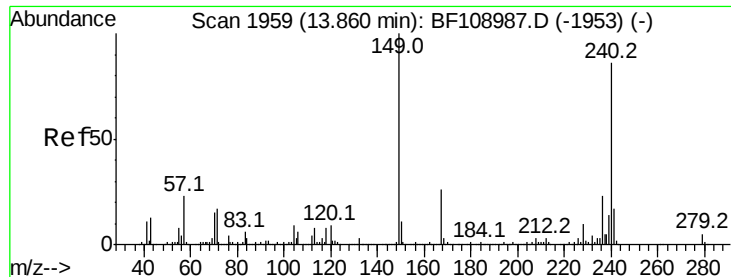
Sohil
9/21/2018 10:37:48 AM



#74
Fluoranthene
Concen: 40.651 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109181.D

Acq: 20 Sep 2018 14:54

Instrument :

BNA_F

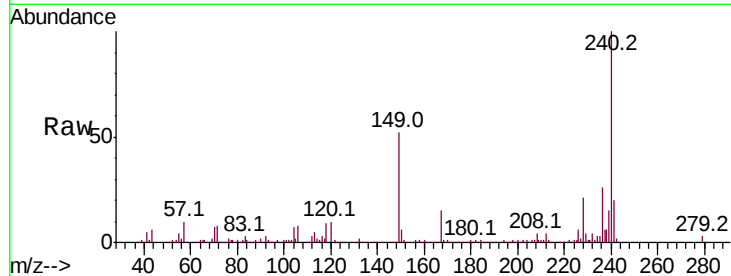
ClientSampleId :

PB113049BS

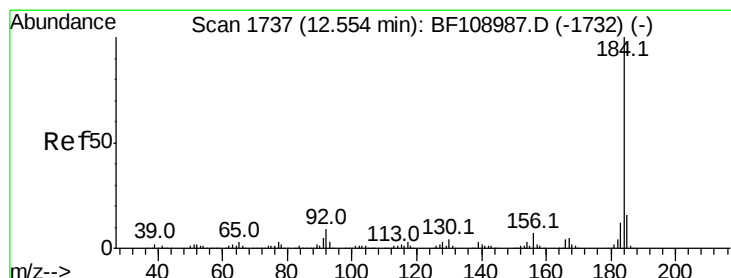
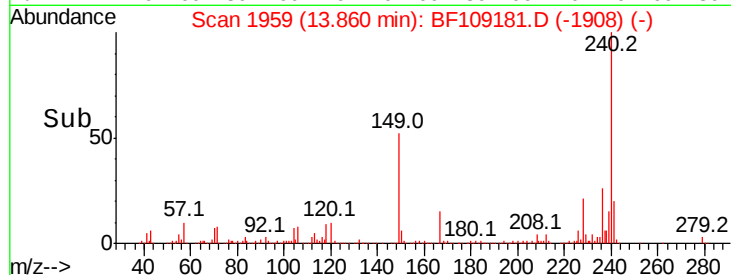
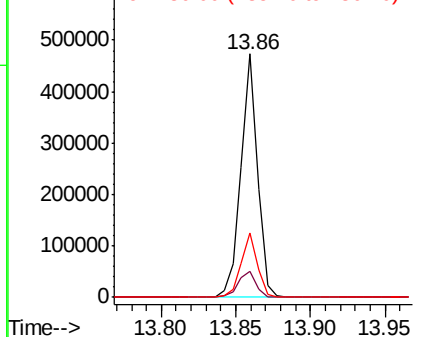
Tot Ion:	240	Resp:	368997
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	26.2	20.7	31.1

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



#76

Benzidine

Concen: 36.251 ng

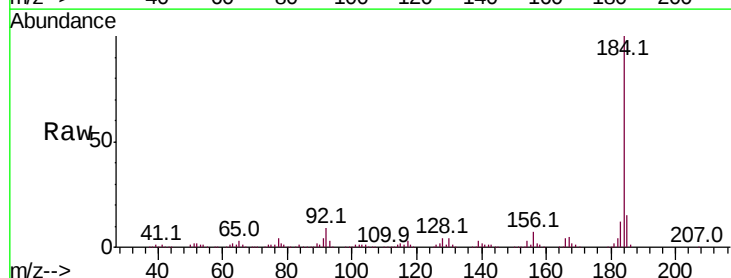
RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

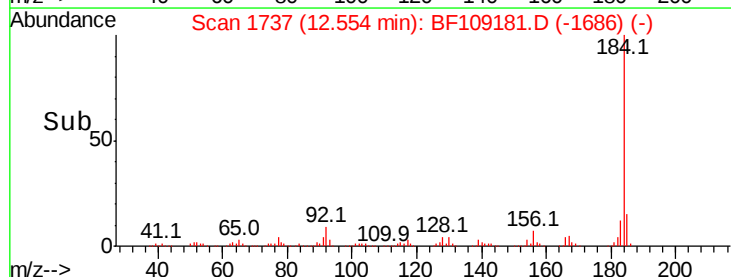
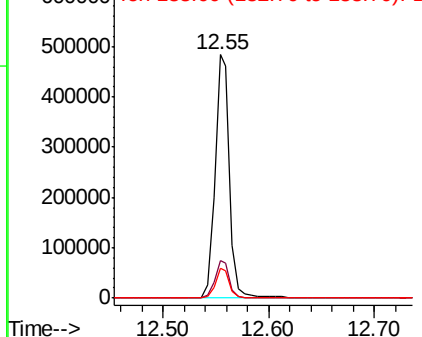
Lab File: BF109181.D

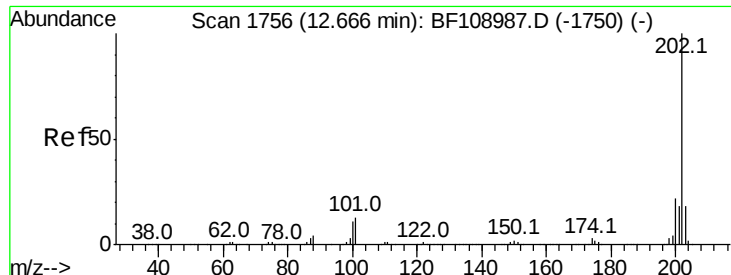
Acq: 20 Sep 2018 14:54

Tgt Ion:	184	Resp:	473511
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	12.3	9.3	13.9



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





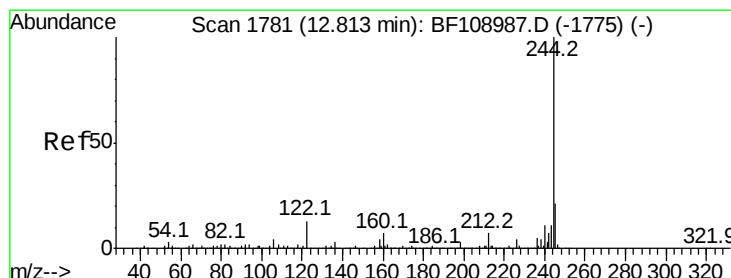
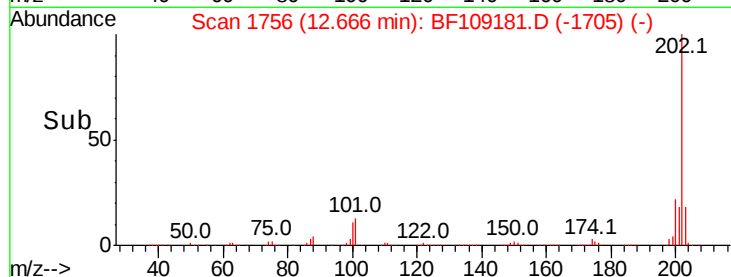
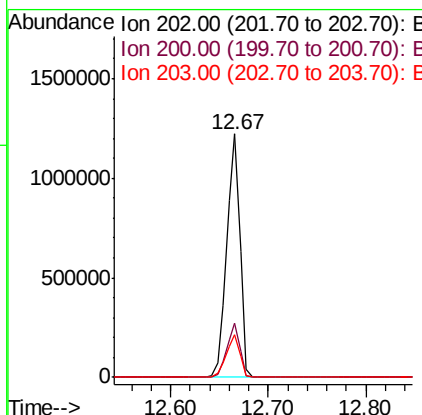
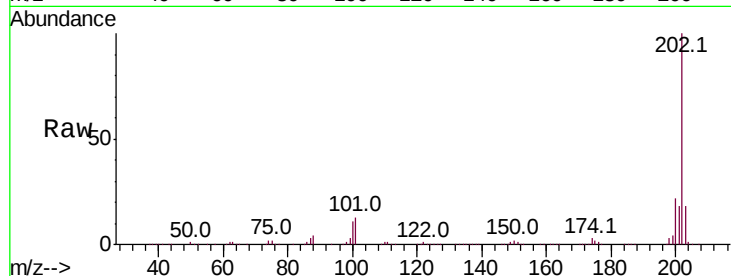
#77
Pvrene
Concen: 41.679 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.6	14.3	21.5

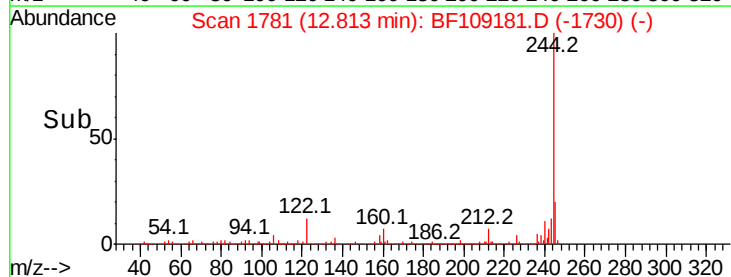
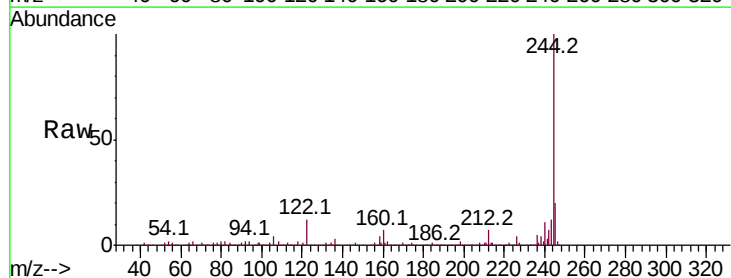
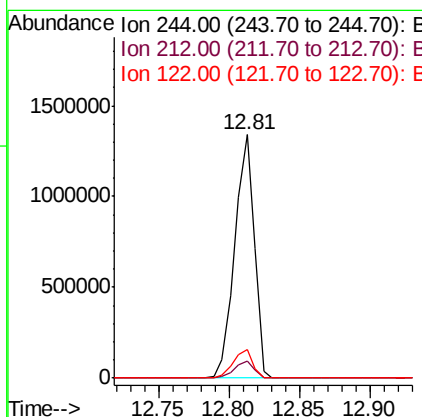
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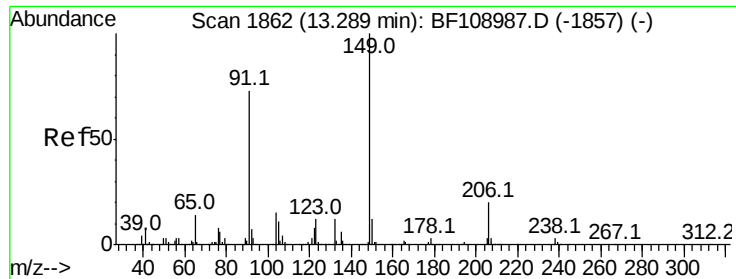
Sohil
9/21/2018 10:37:48 AM



#78
Terphenyl-d14
Concen: 83.451 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.9	11.0	16.4





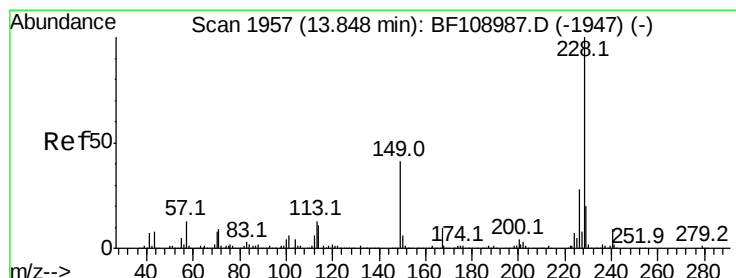
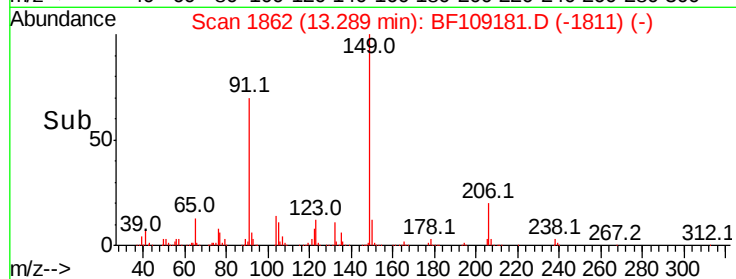
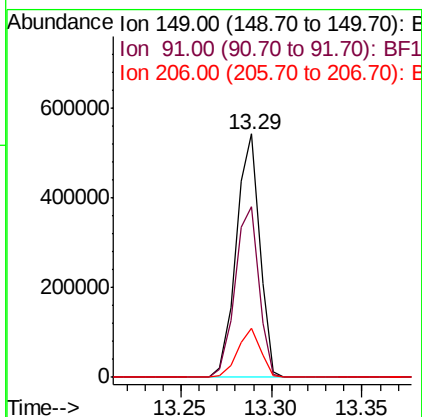
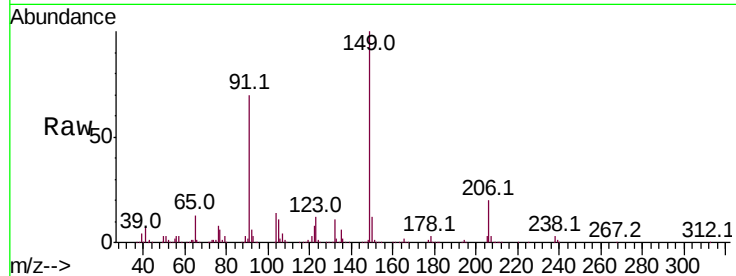
#79
Butylbenzylphthalate
Concen: 39.877 ng
RT: 13.29 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	20.4	14.1	21.1

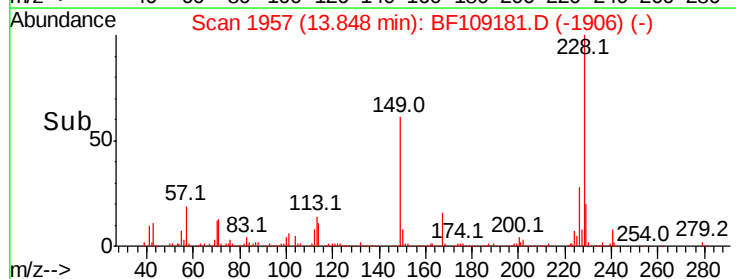
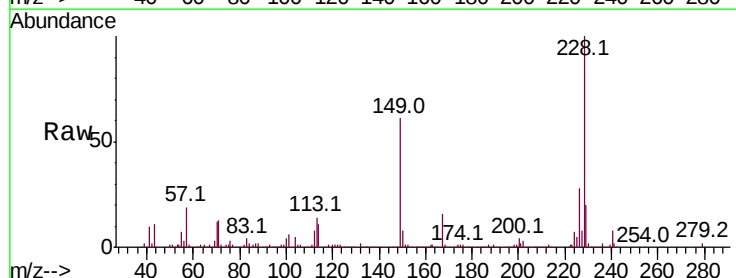
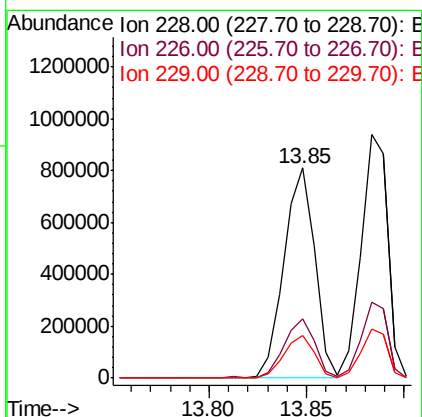
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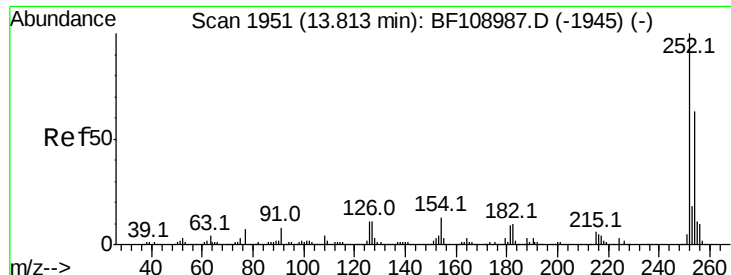
Sohil
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#80
Benzo(a)anthracene
Concen: 39.848 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	15.8	23.6





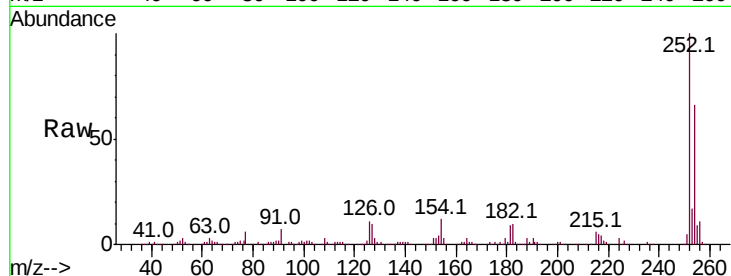
#81
 3,3'-Dichlorobenzidine
 Concen: 28.115 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	253458		
254	65.6	50.4	75.6	
126	10.6	11.3	16.9	

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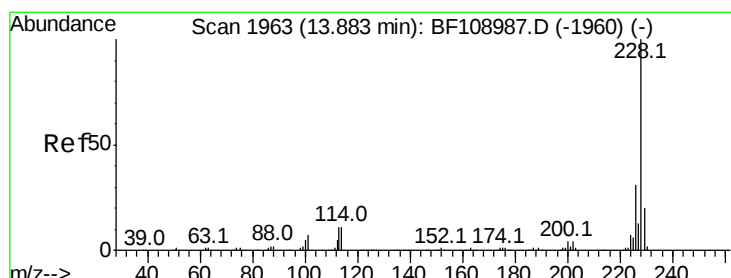
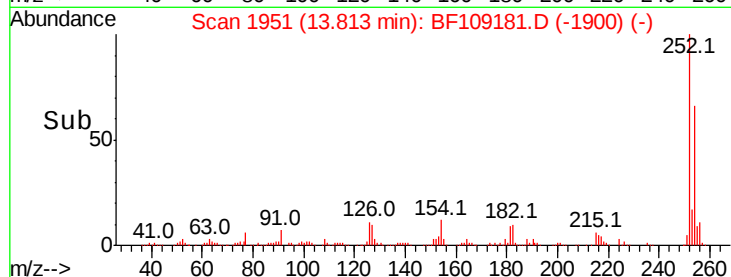
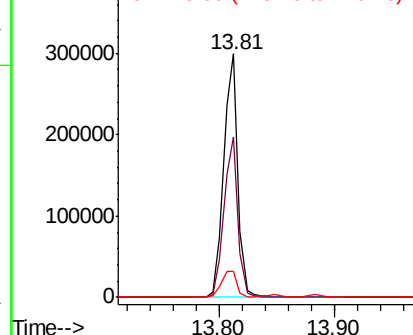


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 39.788 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

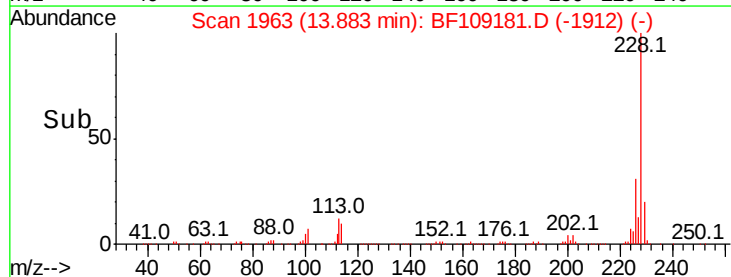
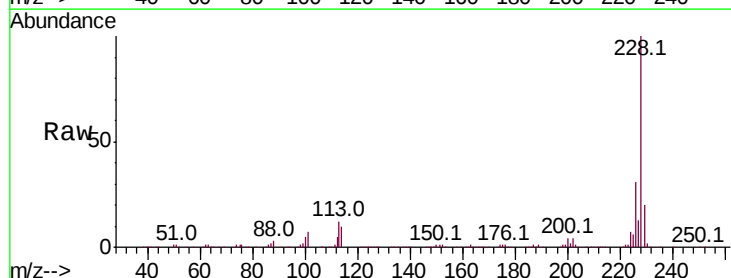
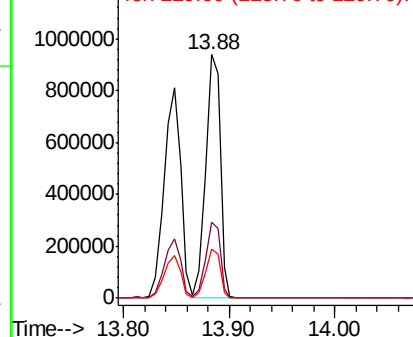
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	889312		
226	30.9	25.0	37.6	
229	20.1	16.2	24.4	

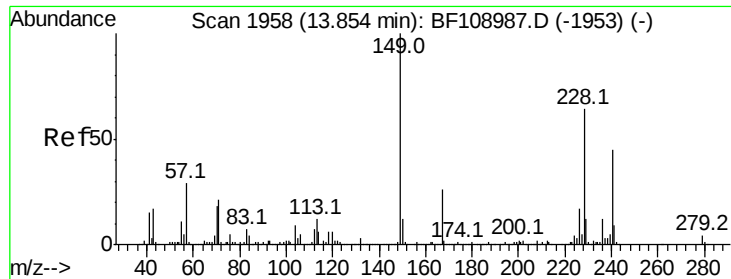
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





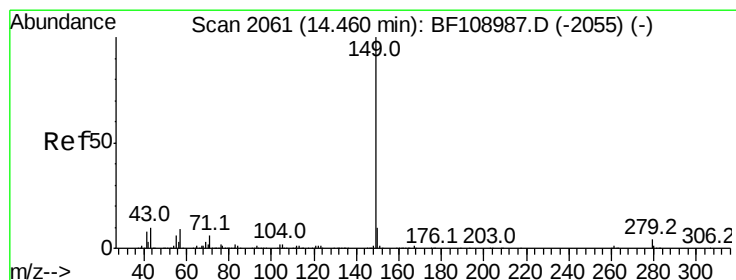
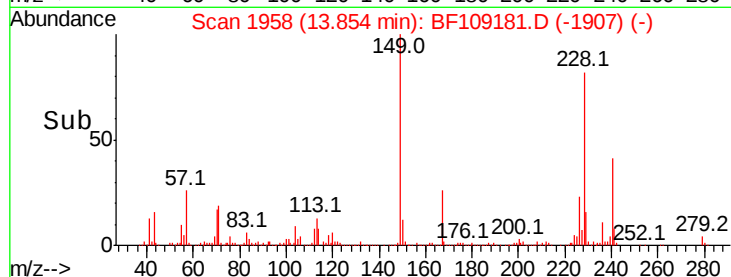
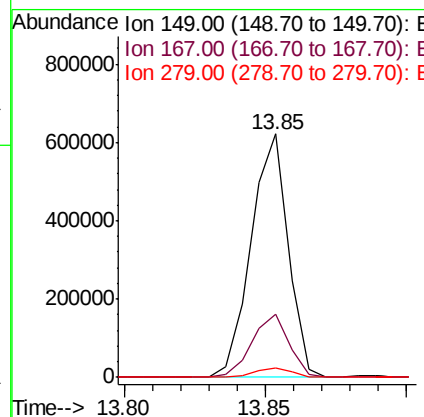
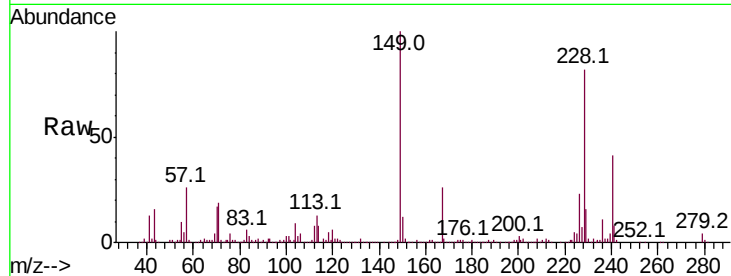
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.216 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	566452		
167	26.0		21.3	31.9
279	3.9		3.0	4.4

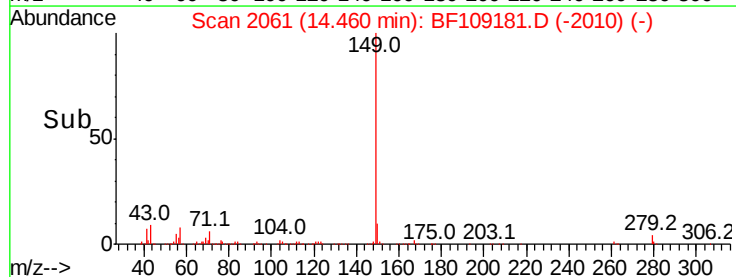
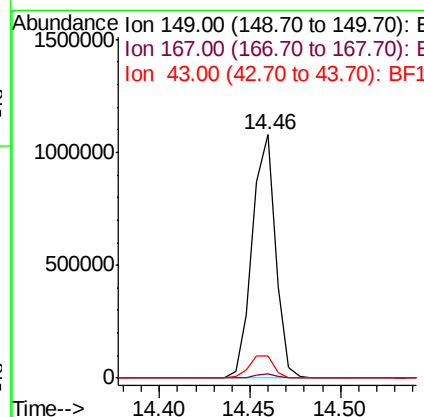
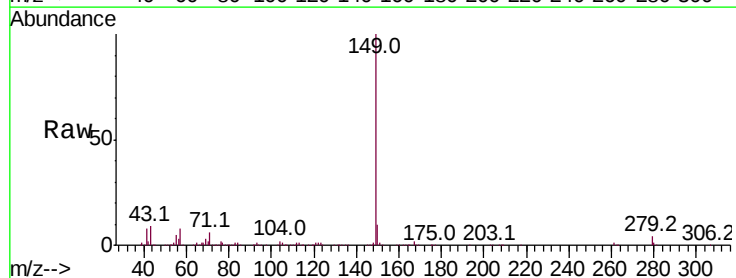
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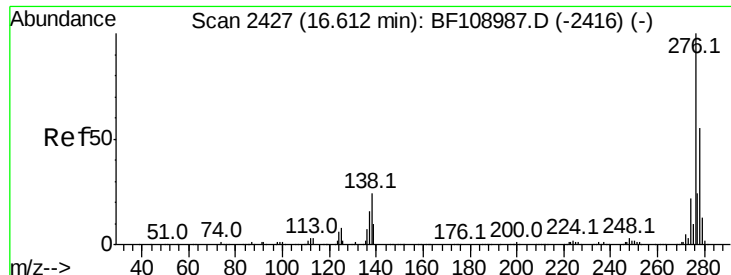
Sohil
 9/21/2018 10:37:48 AM



#84
 Di-n-octyl phthalate
 Concen: 38.257 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	961728		
167	1.5		1.2	1.8
43	9.7		8.4	12.6





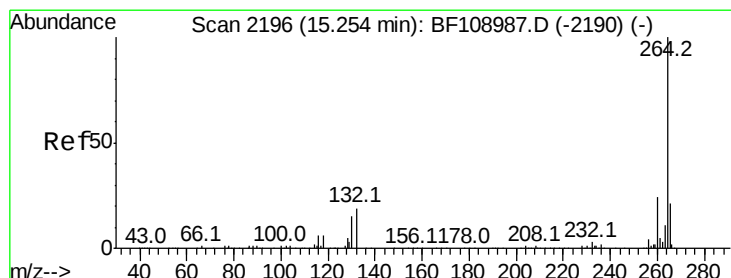
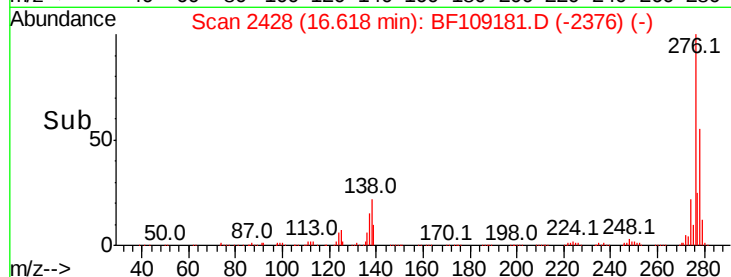
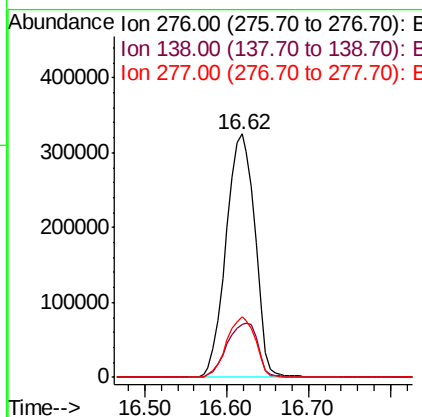
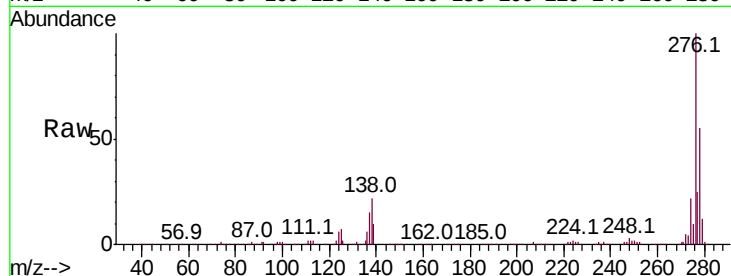
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.768 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	24.8	20.1	30.1

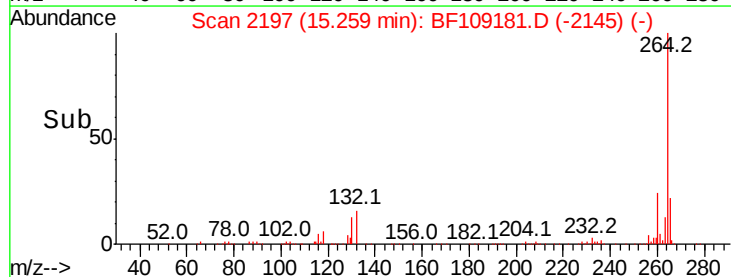
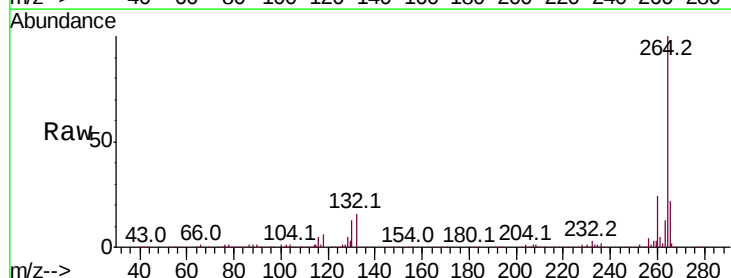
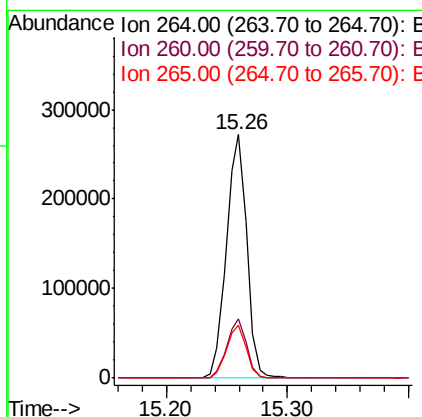
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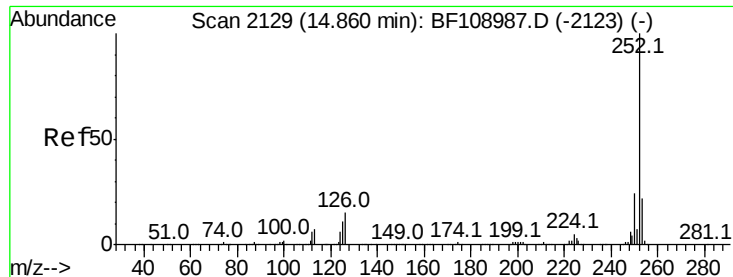
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3





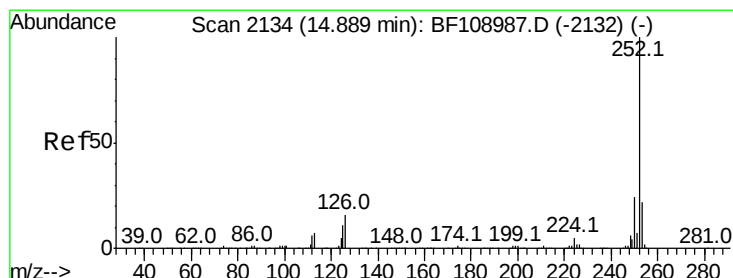
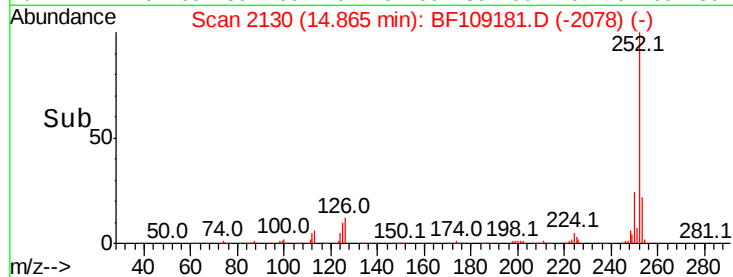
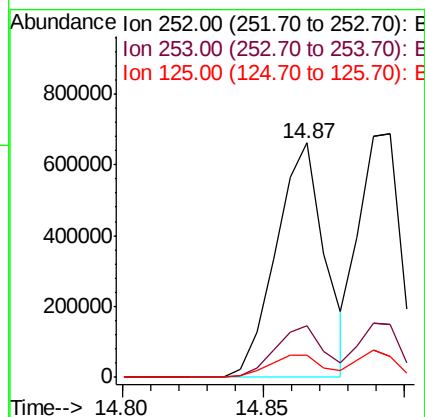
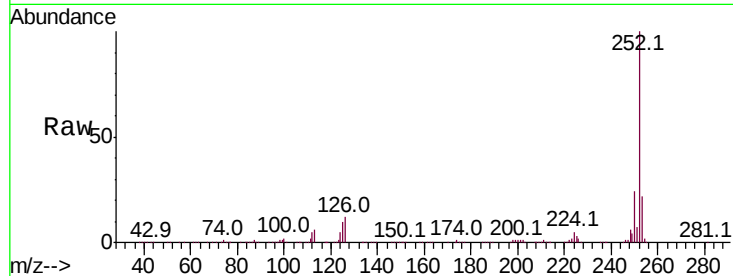
#87
Benzo(b)fluoranthene
Concen: 45.251 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.7	9.0	13.6

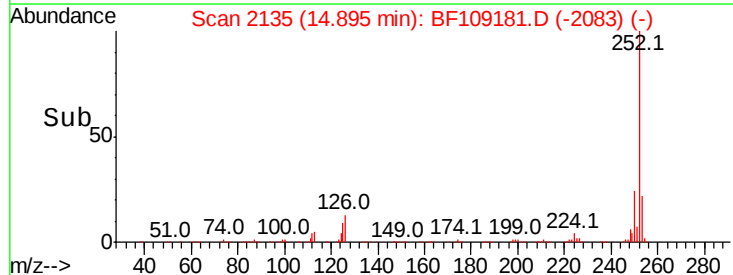
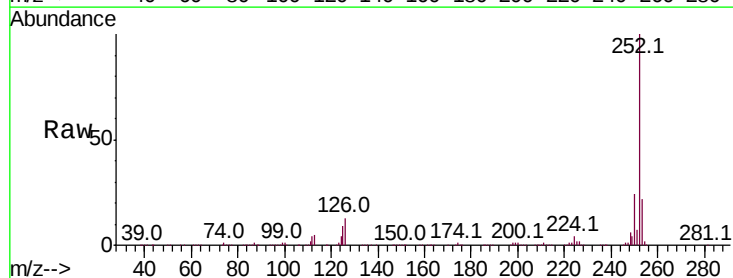
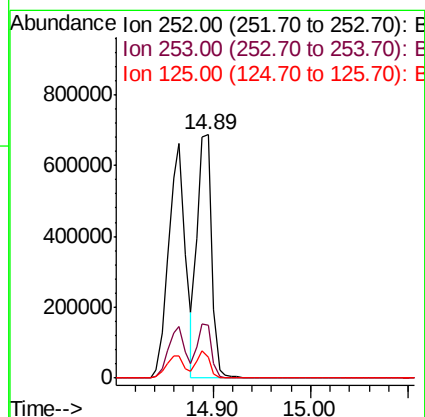
Manual Integrations
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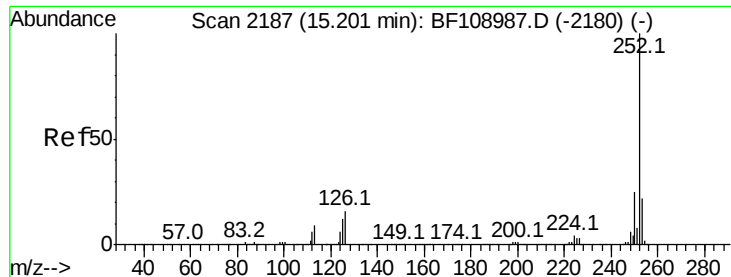
Sohil
9/21/2018 10:37:48 AM



#88
Benzo(k)fluoranthene
Concen: 43.113 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.7	10.2	15.2#





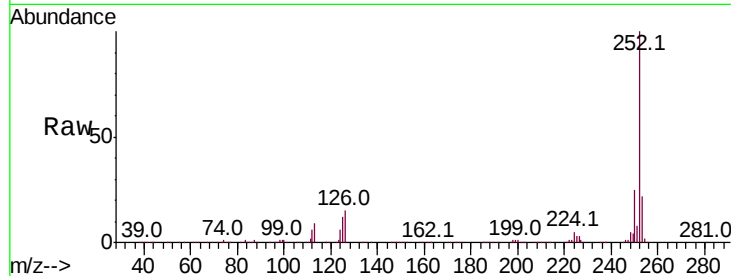
#89
Benzo(a)pyrene
Concen: 45.362 ng
RT: 15.20 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Instrument :
BNA_F
ClientSampleId :
PB113049BS

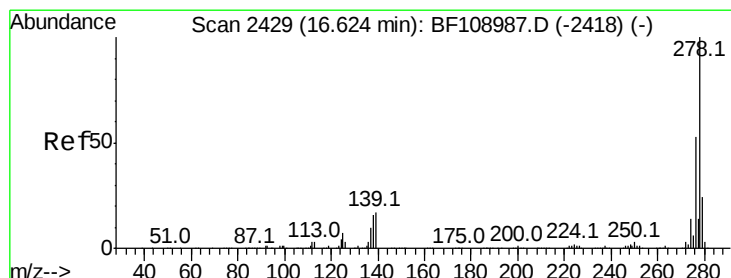
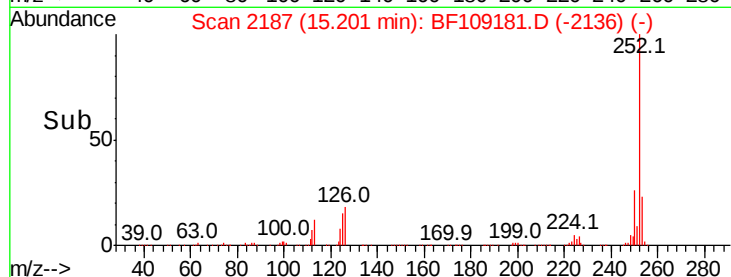
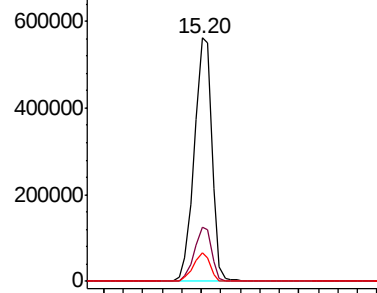
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.7	9.8	14.6

Manual Integrations
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9/21/2018 10:37:48 AM



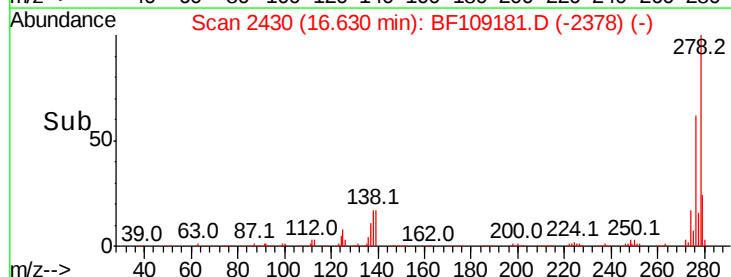
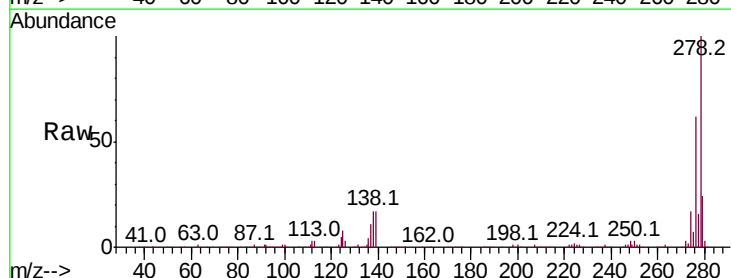
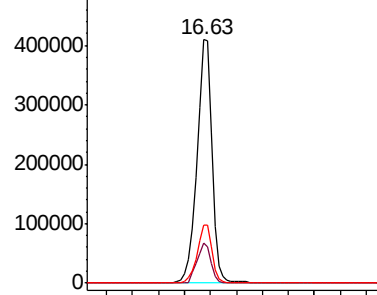
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

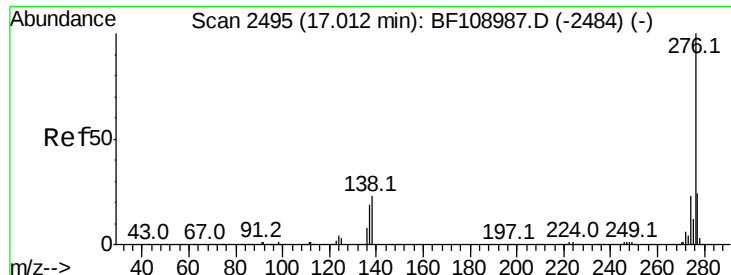


#90
Dibenzo(a,h)anthracene
Concen: 50.302 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109181.D
Acq: 20 Sep 2018 14:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.9	23.9
279	23.7	19.0	28.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 52.001 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BF109181.D
 Acq: 20 Sep 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB113049BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	20.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/21/2018 10:37:48 AM

