

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109376.D
 Acq On : 27 Sep 2018 9:19
 Operator : JU/SJ
 Sample : PB113192BSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:31:46 PM

Quant Time: Sep 27 11:46:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106811	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	398106	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	187736	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	318698	20.00	ng	0.00
75) Chrysene-d12	13.85	240	247313	20.00	ng	0.00
86) Perylene-d12	15.24	264	225477	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	554171	85.46	ng	0.00
7) Phenol-d6	6.35	99	704358	85.12	ng	0.00
23) Nitrobenzene-d5	7.27	82	644322	95.54	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	164537	88.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1120791	90.04	ng	0.00
78) Terphenyl-d14	12.80	244	1001986	99.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	106262	35.579	ng	92
3) Pyridine	3.13	79	310170	40.351	ng	89
4) n-Nitrosodimethylamine	3.06	42	146174	44.684	ng	# 97
6) Aniline	6.37	93	223151	21.078	ng	# 40
8) 2-Chlorophenol	6.49	128	307156	42.593	ng	99
9) Benzaldehyde	6.25	77	154615	29.086	ng	98
10) Phenol	6.36	94	365808	39.036	ng	78
11) bis(2-Chloroethyl)ether	6.45	93	290693	39.643	ng	96
12) 1,3-Dichlorobenzene	6.65	146	332064	39.993	ng	98
13) 1,4-Dichlorobenzene	6.72	146	332407	39.739	ng	99
14) 1,2-Dichlorobenzene	6.88	146	312171	40.456	ng	98
15) Benzyl Alcohol	6.85	79	269693	42.579	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	403515	38.795	ng	94
17) 2-Methylphenol	6.97	107	250134	42.868	ng	95
18) Hexachloroethane	7.22	117	115477	39.184	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	212841	39.254	ng	98
20) 3+4-Methylphenols	7.13	107	302471	42.935	ng	89
22) Acetophenone	7.12	105	422878	45.944	ng	# 96
24) Nitrobenzene	7.29	77	325407	45.381	ng	97
25) Isophorone	7.53	82	590095	48.591	ng	98
26) 2-Nitrophenol	7.61	139	155907	54.979	ng	96
27) 2,4-Dimethylphenol	7.65	122	273255	51.640	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	365606	45.479	ng	99
29) 2,4-Dichlorophenol	7.85	162	258660	46.525	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	266947	42.971	ng	97
31) Naphthalene	8.01	128	866200	46.561	ng	99
32) Benzoic acid	7.79	122	188455	51.785	ng	99
33) 4-Chloroaniline	8.06	127	86548	10.649	ng	98
34) Hexachlorobutadiene	8.13	225	161353	43.084	ng	99
35) Caprolactam	8.44	113	83791m	47.206	ng	
36) 4-Chloro-3-methylphenol	8.56	107	270676	46.267	ng	97
37) 2-Methylnaphthalene	8.70	142	583062	48.618	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	269052	45.031	ng	98
40) Hexachlorocyclopentadiene	8.86	237	120843	46.371	ng	99

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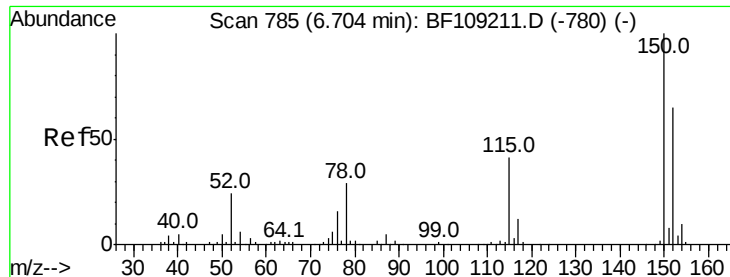
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181683	47.379	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	189064	46.684	nq	94
45) 1,1'-Biphenyl	9.17	154	691869	45.232	nq	98
46) 2-Chloronaphthalene	9.19	162	533038	43.621	nq	97
47) 2-Nitroaniline	9.29	65	164639	47.522	nq	95
48) Acenaphthylene	9.60	152	845396	45.860	nq	100
49) Dimethylphthalate	9.47	163	639298	46.819	nq	99
50) 2,6-Dinitrotoluene	9.53	165	136352	50.420	nq	98
51) Acenaphthene	9.77	154	479610	43.032	nq	99
52) 3-Nitroaniline	9.69	138	83486	26.657	nq	97
53) 2,4-Dinitrophenol	9.80	184	61012	65.363	nq #	17
54) Dibenzofuran	9.95	168	705507	42.564	nq	96
55) 4-Nitrophenol	9.86	139	197213	83.591	nq	90
56) 2,4-Dinitrotoluene	9.93	165	171084	49.999	nq #	95
57) Fluorene	10.29	166	525430	44.429	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	151318	47.189	nq	88
59) Diethylphthalate	10.17	149	615499	44.513	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	255307	41.332	nq	96
61) 4-Nitroaniline	10.30	138	118210	38.703	nq	97
62) Azobenzene	10.44	77	597535	41.593	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	44701	36.804	nq	77
65) n-Nitrosodiphenylamine	10.40	169	506094	48.064	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	167441	47.313	nq #	85
67) Hexachlorobenzene	10.84	284	170103	45.257	nq #	84
68) Atrazine	10.93	200	162721	50.247	nq	97
69) Pentachlorophenol	11.03	266	171881	76.405	nq	99
70) Phenanthrene	11.24	178	744355	46.778	nq	99
71) Anthracene	11.29	178	755214	46.793	nq	100
72) Carbazole	11.45	167	661627	41.202	nq	100
73) Di-n-butylphthalate	11.79	149	864362	46.757	nq	99
74) Fluoranthene	12.42	202	752831	44.270	nq	98
76) Benzidine	12.55	184	292237	32.774	nq	98
77) Pyrene	12.65	202	759583	42.855	nq	99
79) Butylbenzylphthalate	13.27	149	343315	45.528	nq	98
80) Benzo(a)anthracene	13.83	228	682167	45.794	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	252991	44.688	nq #	95
82) Chrysene	13.87	228	683654	46.304	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	432455	45.473	nq	100
84) Di-n-octyl phthalate	14.44	149	824703	50.718	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	487763	40.757	nq #	93
87) Benzo(b)fluoranthene	14.85	252	645319m	52.085	nq	
88) Benzo(k)fluoranthene	14.87	252	566774	48.208	nq	98
89) Benzo(a)pyrene	15.19	252	544430	48.765	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	413960	45.197	nq #	95
91) Benzo(g,h,i)perylene	17.00	276	400723	44.517	nq #	93

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



#1

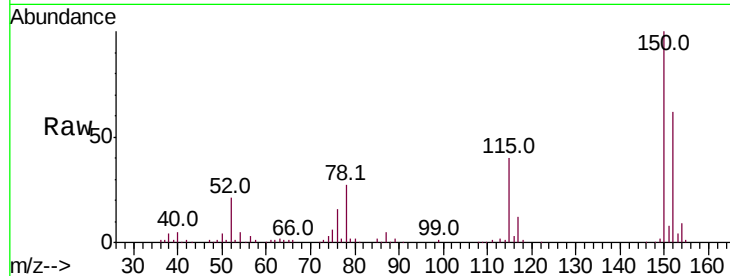
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampled :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	64.1	50.1	75.1

Manual Integrations
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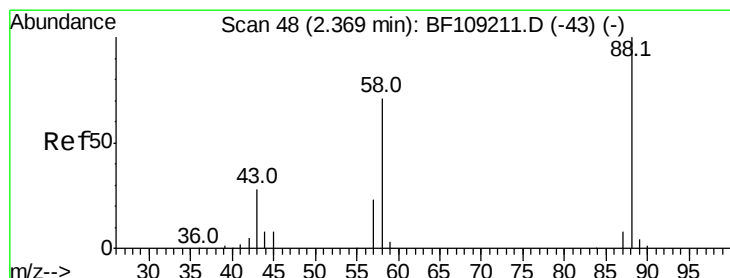
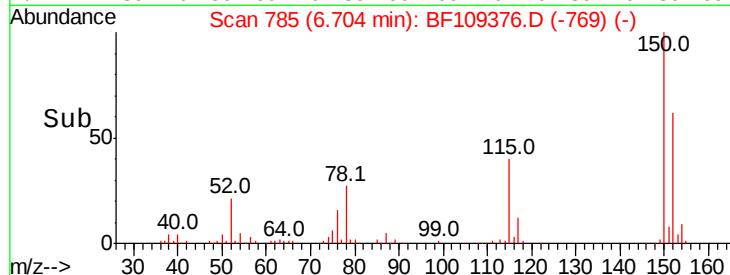
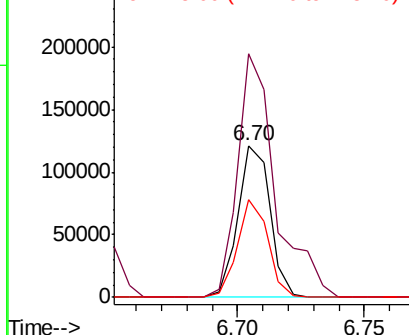


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

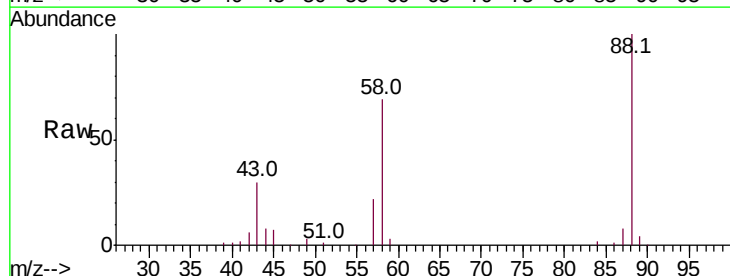
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.579 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.06 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	62.6	93.8
43	29.2	24.6	37.0

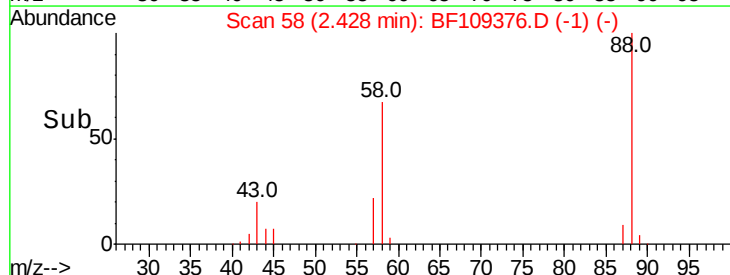
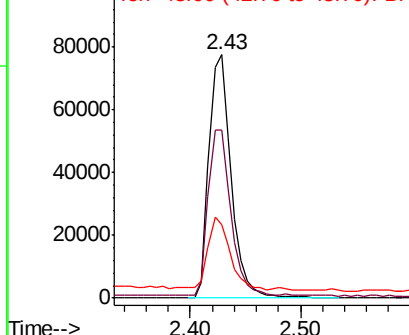


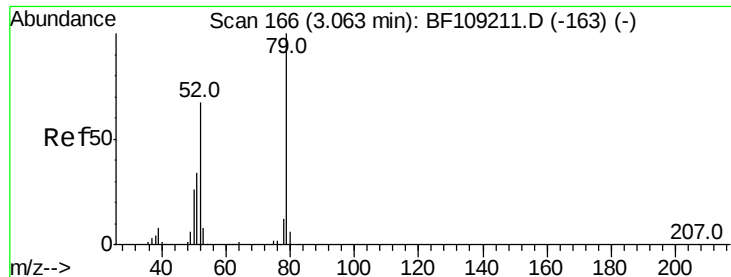
Abundance

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: 40.351 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

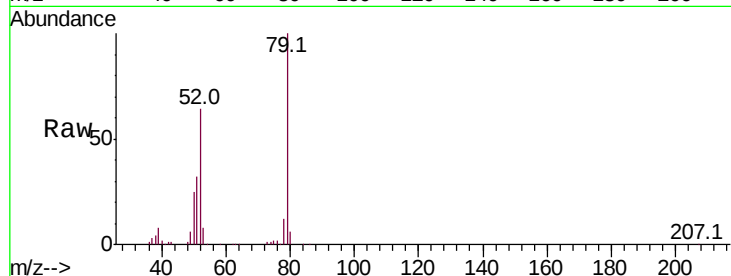
ClientSampleId :

PB113192BSD

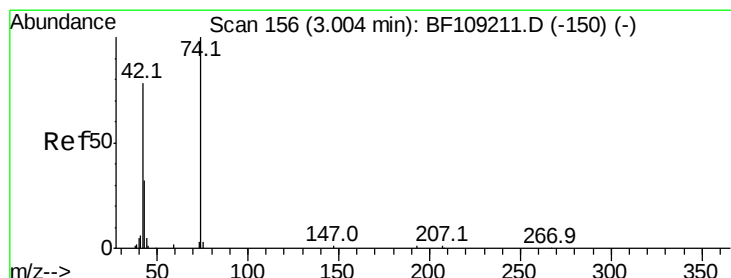
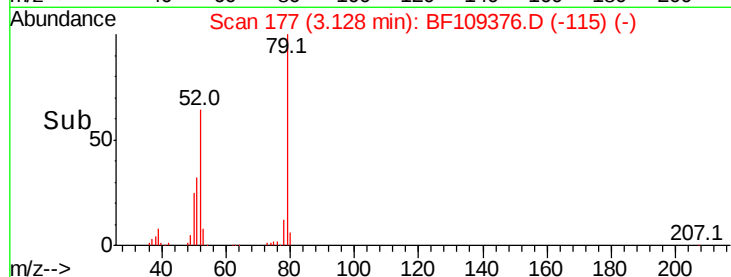
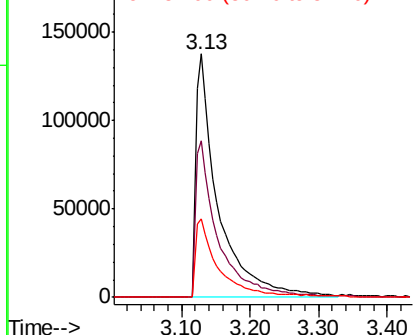
Tot Ion	Ratio	Lower	Upper
79	100		
52	64.2	59.8	89.6
51	32.4	29.8	44.8

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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: 44.684 ng

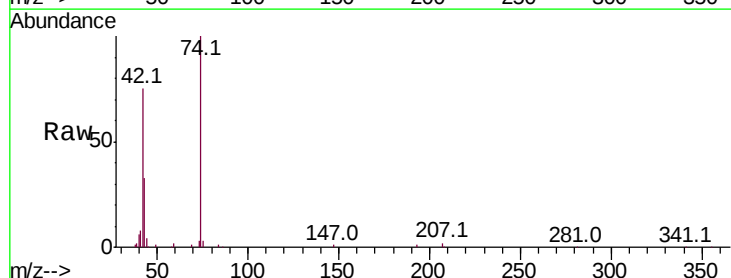
RT: 3.06 min Scan# 166

Delta R.T. 0.04 min

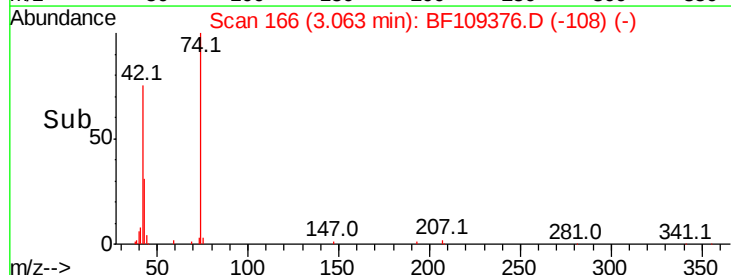
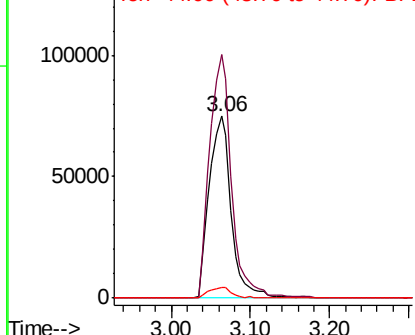
Lab File: BF109376.D

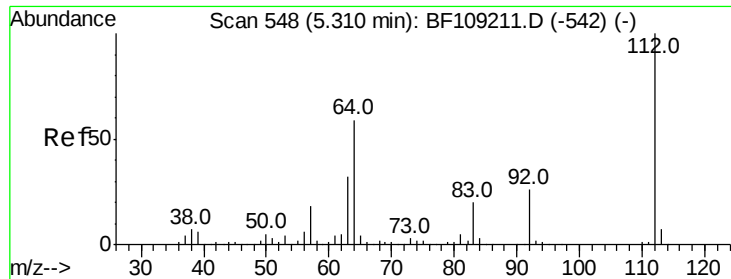
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.8	104.9	157.3
44	5.8	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





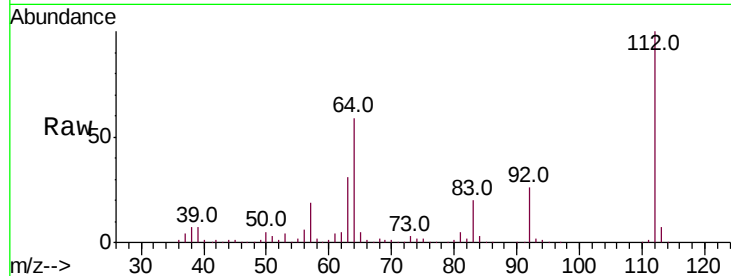
#5
2-Fluorophenol
Concen: 85.456 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

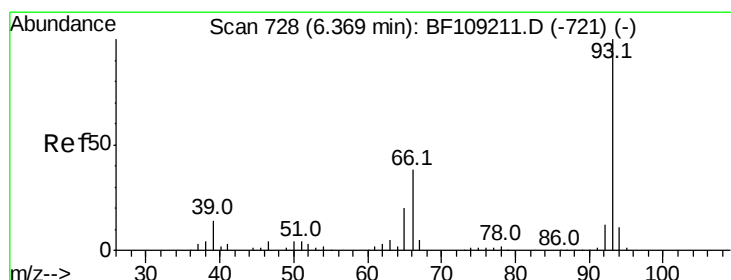
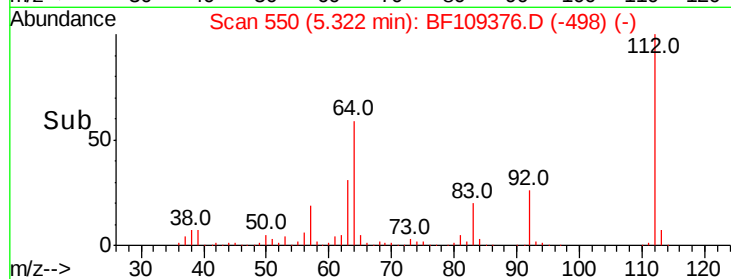
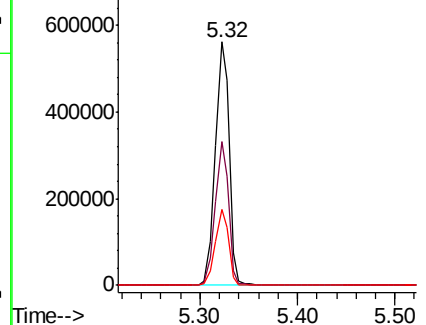
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.4	23.7	35.5

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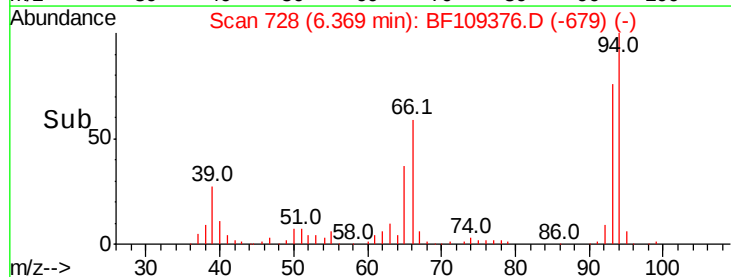
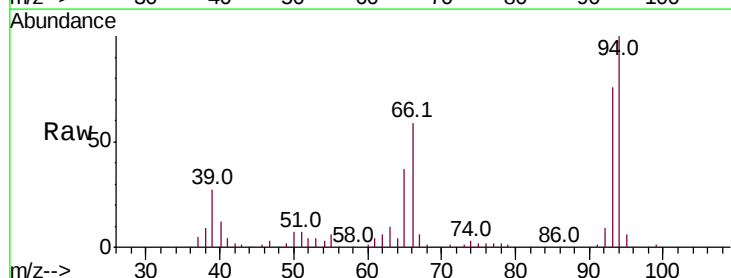
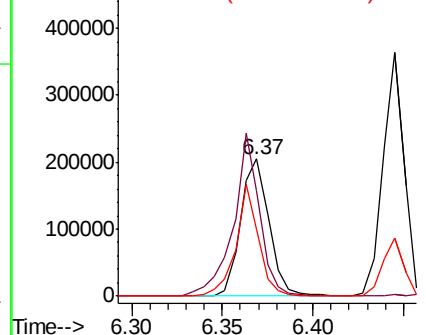
Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

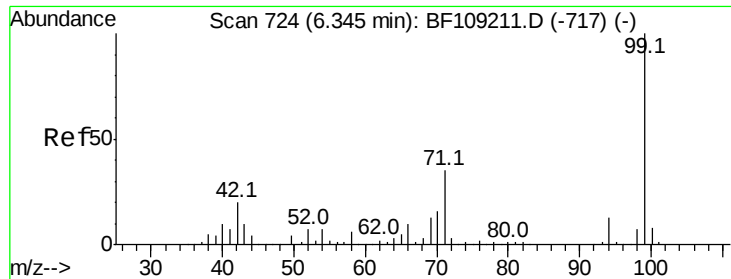


#6
Aniline
Concen: 21.078 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	76.9	32.2	48.2#
65	48.8	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: 85.119 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

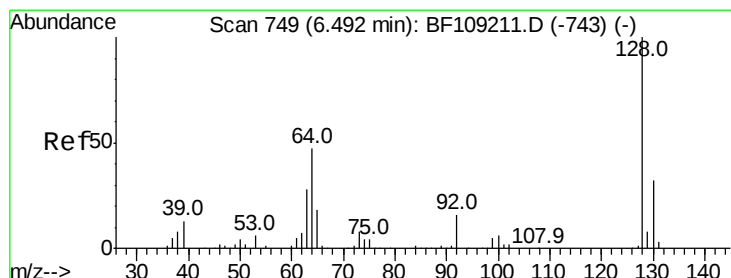
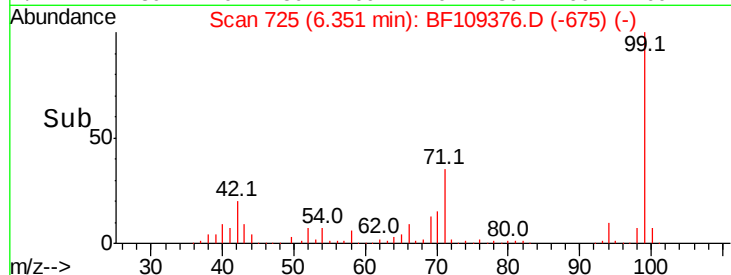
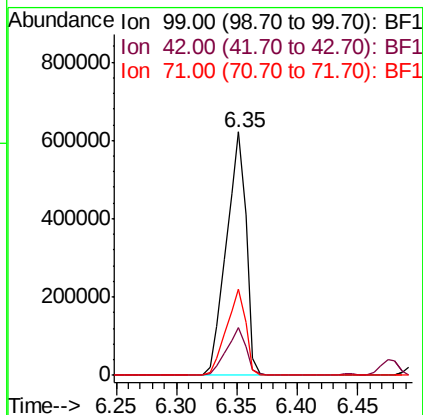
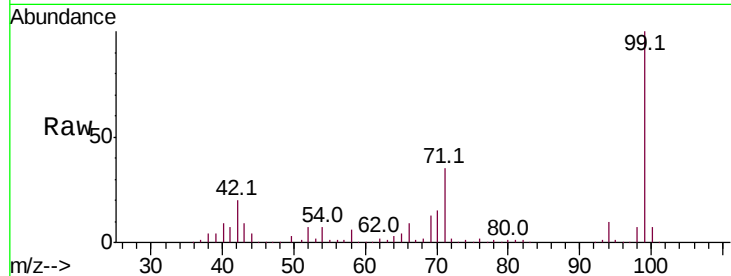
ClientSampleId :

PB113192BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		704358		
42	19.6	14.5	21.7		
71	35.2	25.4	38.0		

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#8

2-Chlorophenol

Concen: 42.593 ng

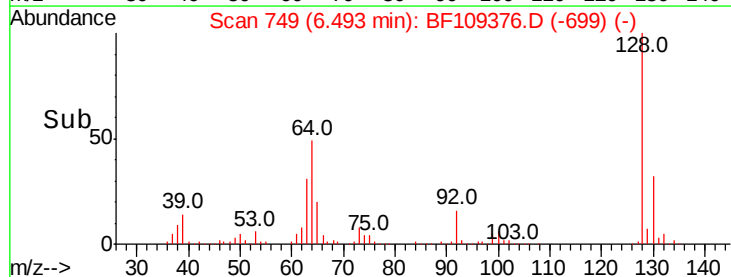
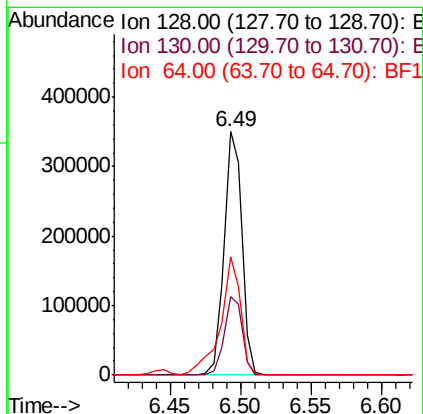
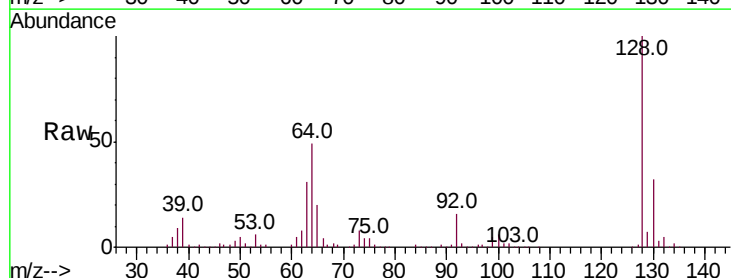
RT: 6.49 min Scan# 749

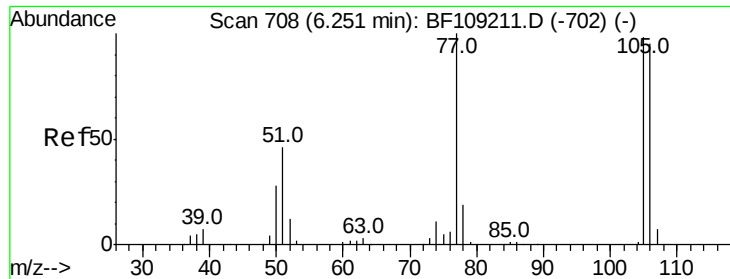
Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		307156		
130	32.2	13.0	53.0		
64	48.7	29.4	69.4		





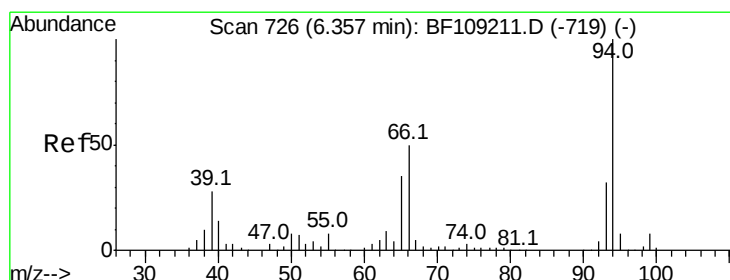
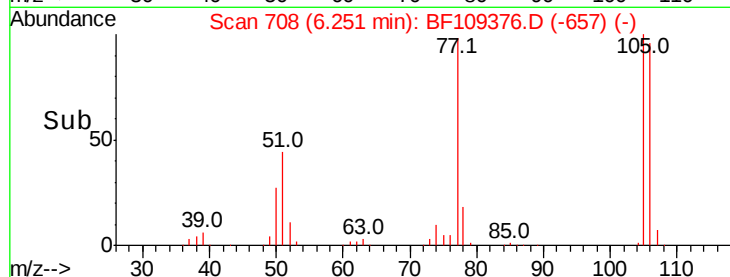
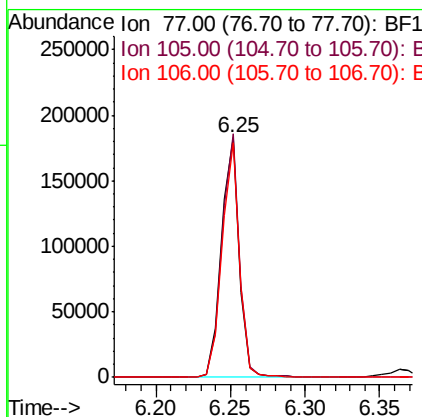
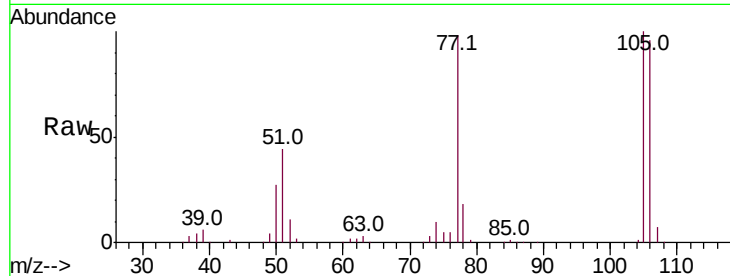
#9
Benzaldehyde
Concen: 29.086 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleID :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	81.1	121.1
106	97.9	74.5	114.5

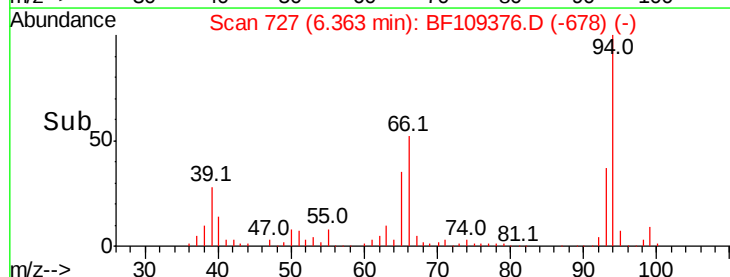
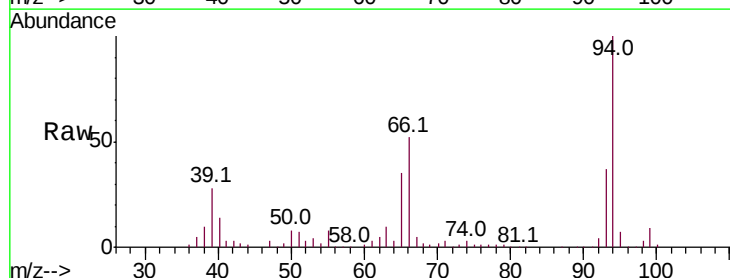
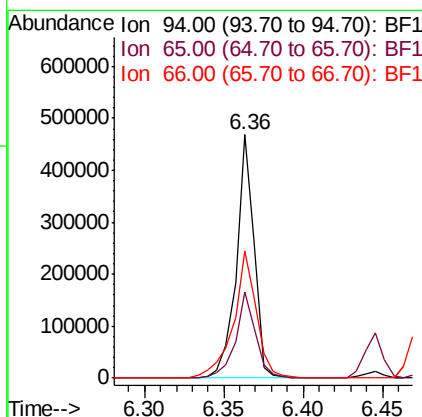
Manual Integrations
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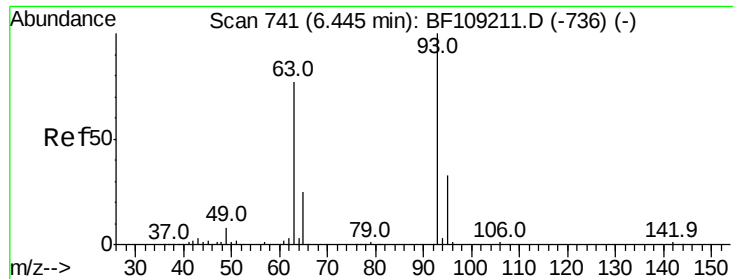
Sohil
9/27/2018 1:31:46 PM



#10
Phenol
Concen: 39.036 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.5	7.9	47.9
66	52.1	16.2	56.2





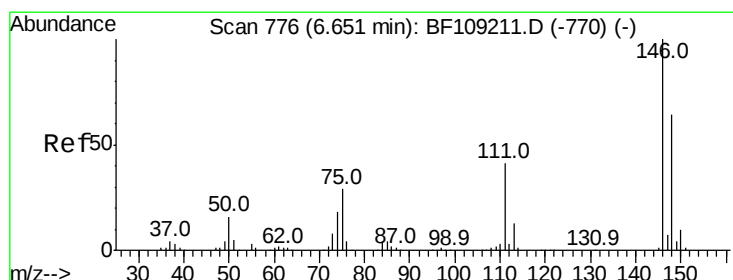
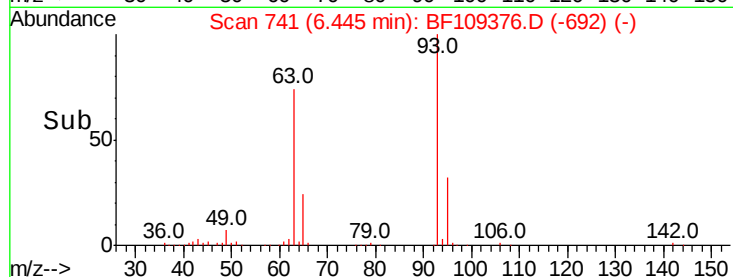
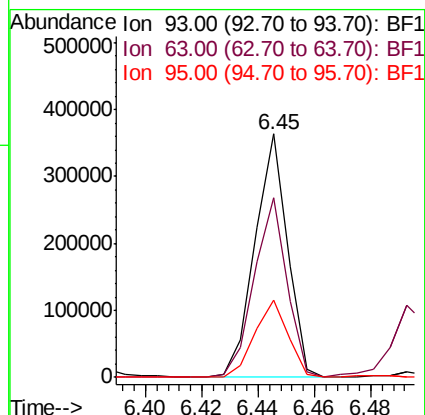
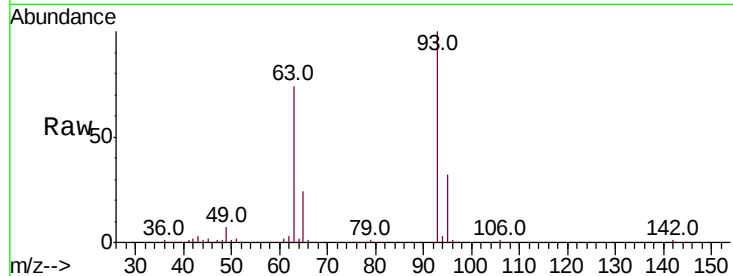
#11
bis(2-Chloroethyl)ether
Concen: 39.643 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	58.6	98.6
95	31.7	11.8	51.8

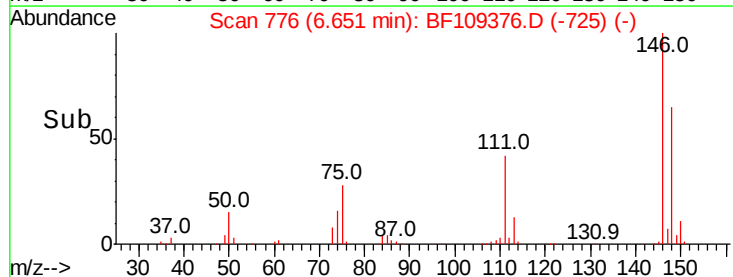
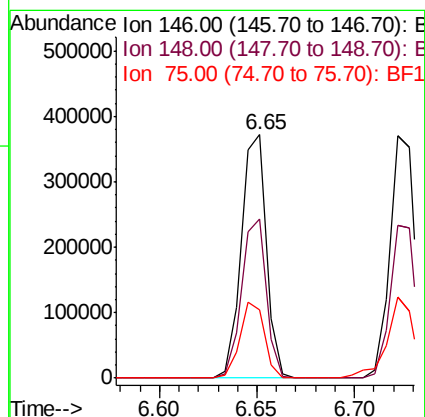
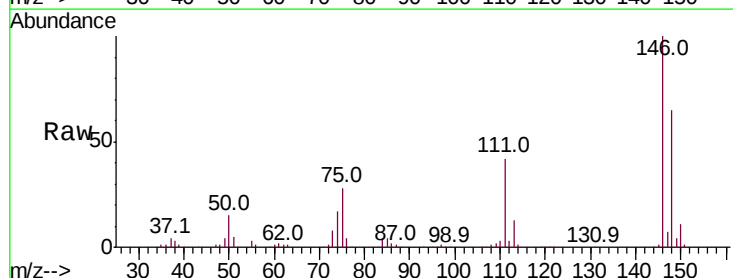
Manual Integrations
APPROVED

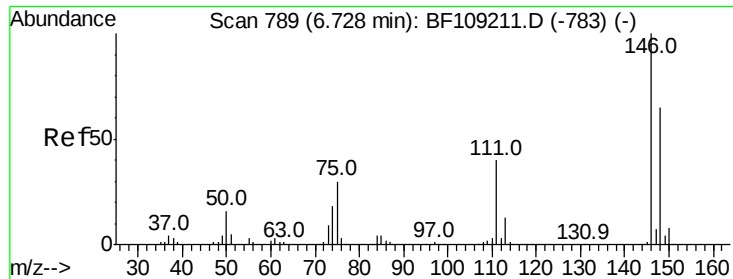
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#12
1,3-Dichlorobenzene
Concen: 39.993 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	28.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.739 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

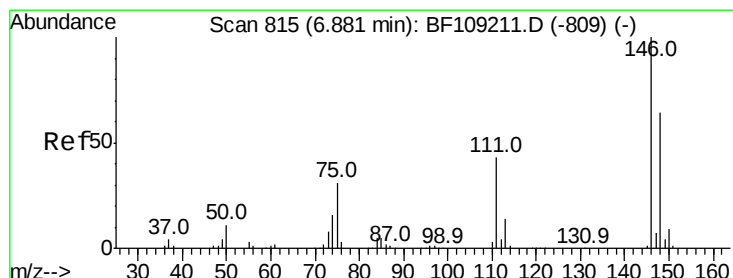
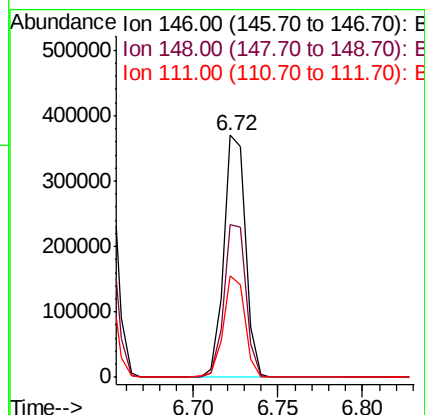
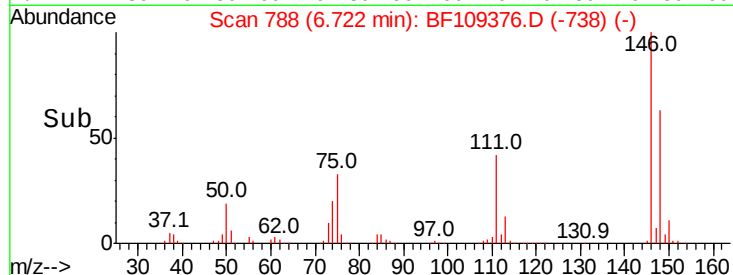
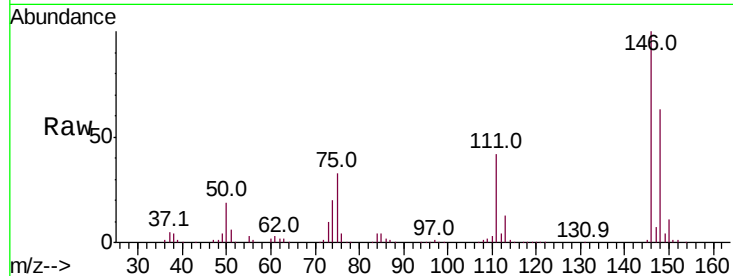
ClientSampleId :

PB113192BSD

Tot Ion:	146	Resp:	332407
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	41.9	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.456 ng

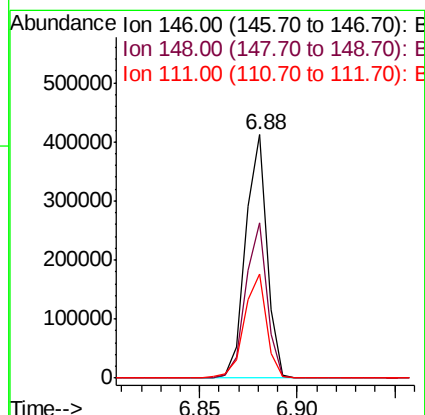
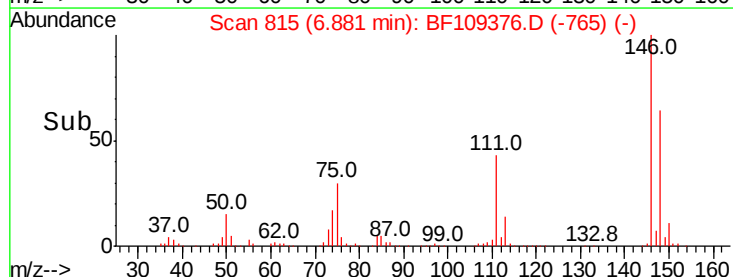
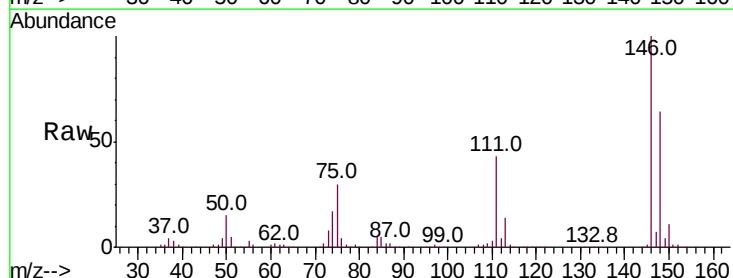
RT: 6.88 min Scan# 815

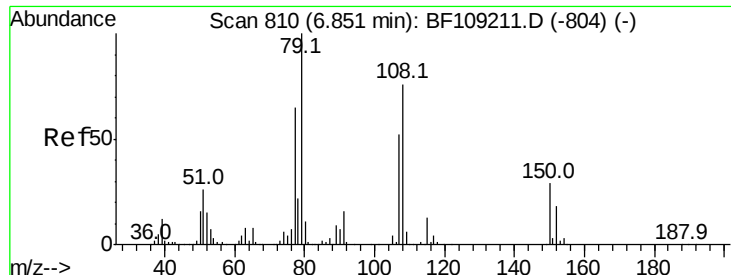
Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion:	146	Resp:	312171
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
111	42.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.579 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

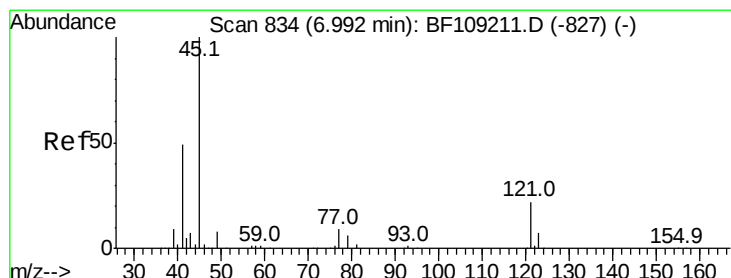
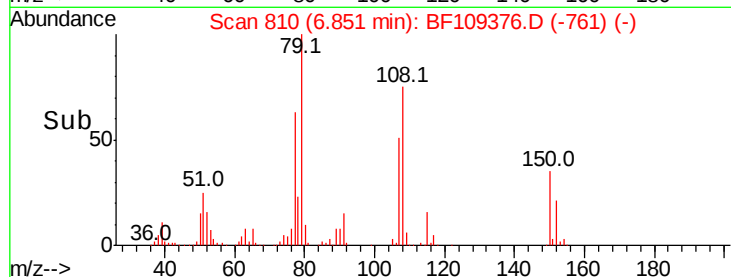
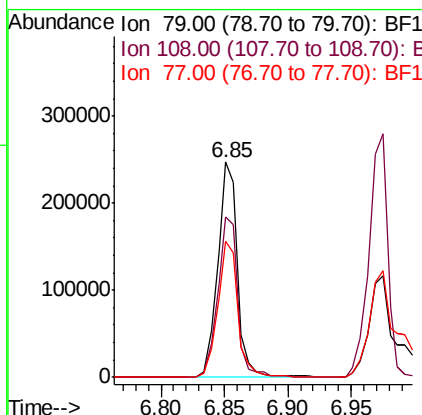
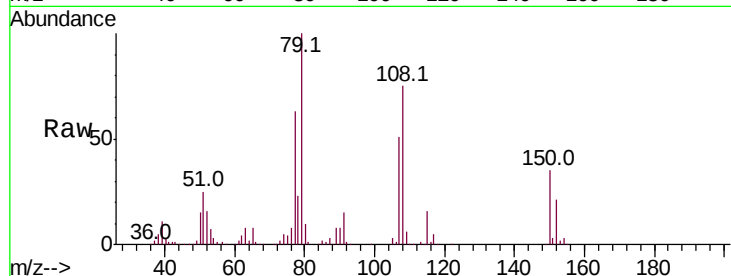
ClientSampleId :

PB113192BSD

Tot Ion:	79	Resp:	269693
Ion Ratio	Lower	Upper	
79	100		
108	74.6	65.1	97.7
77	63.2	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.795 ng

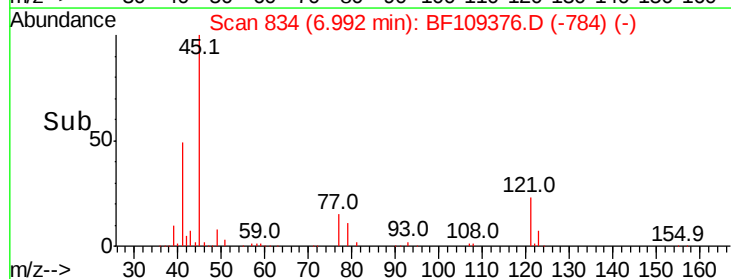
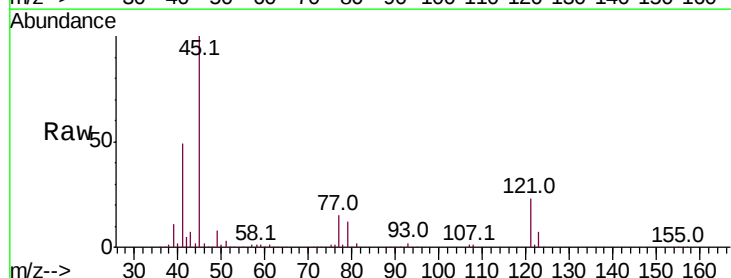
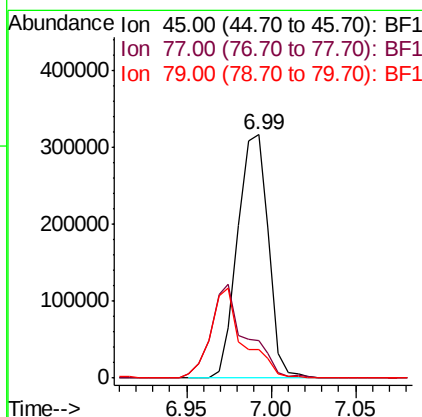
RT: 6.99 min Scan# 834

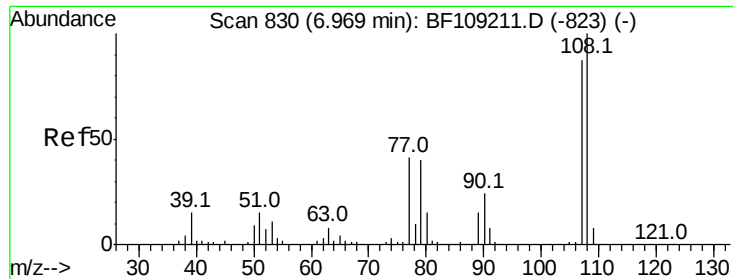
Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion:	45	Resp:	403515
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	32.9
79	11.8	0.0	29.6





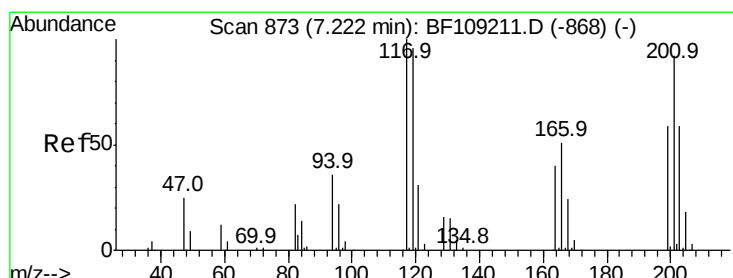
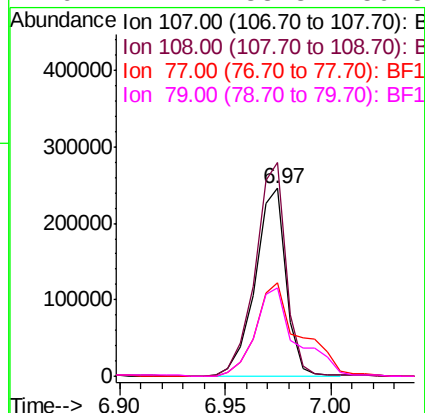
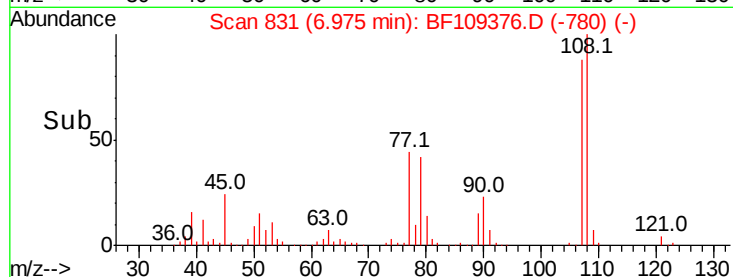
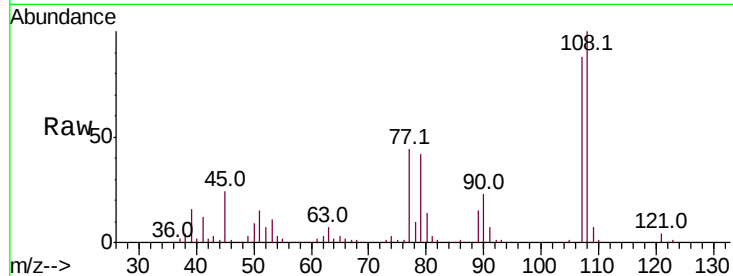
#17
2-Methylphenol
Concen: 42.868 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	91.7	137.5	
77	49.6	33.8	50.8	
79	47.4	33.8	50.8	

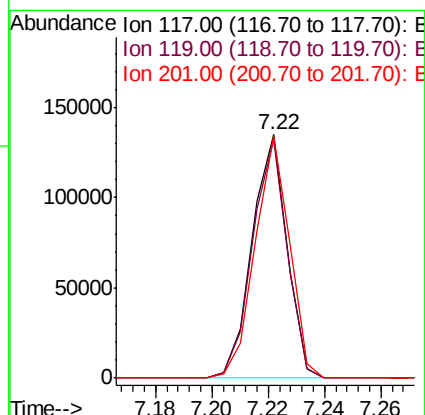
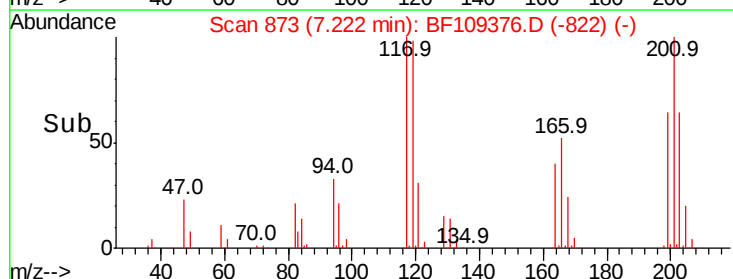
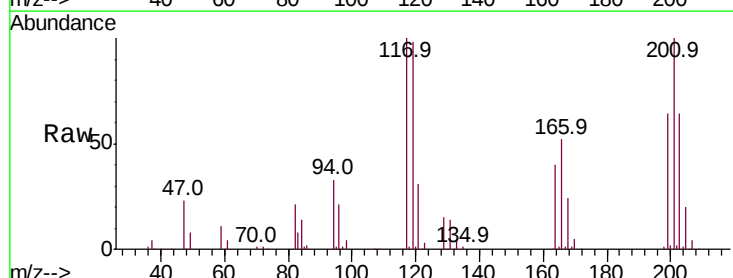
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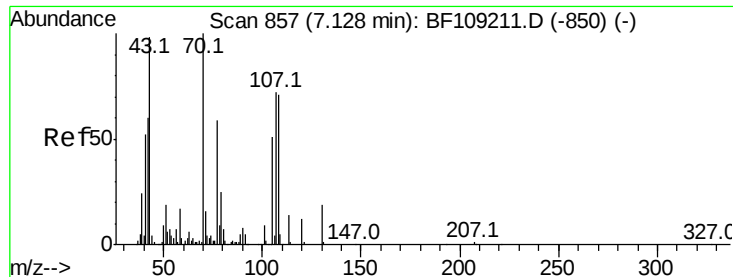
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#18
Hexachloroethane
Concen: 39.184 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	75.8	113.8	
201	99.5	75.7	113.5	





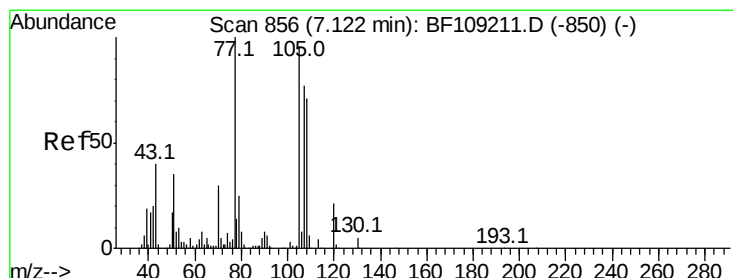
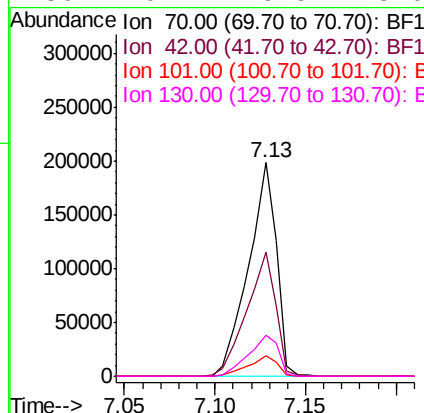
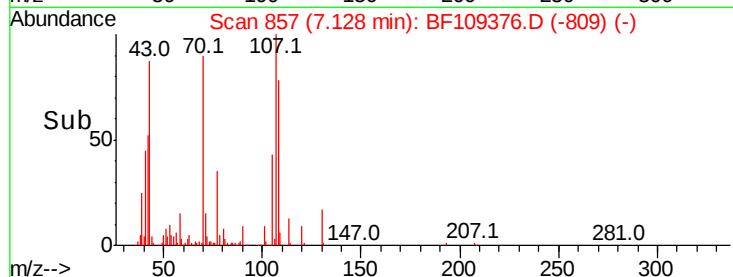
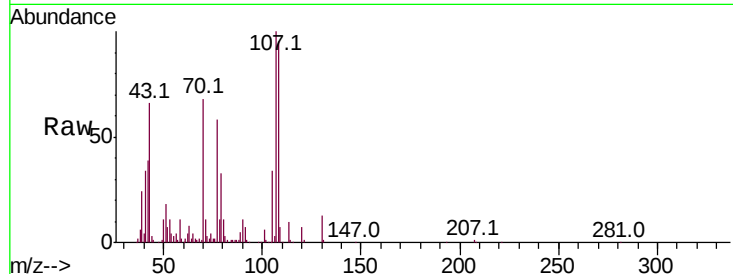
#19
n-Nitroso-di-n-propylamine
Concen: 39.254 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		212841		
42	58.2	47.5	71.3		
101	9.5	7.4	11.2		
130	19.4	16.6	25.0		

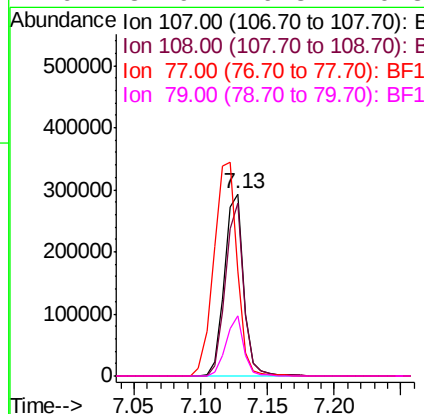
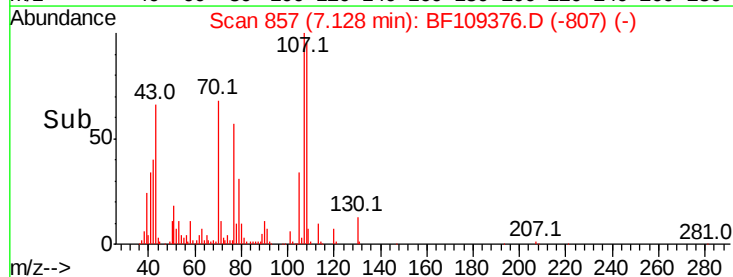
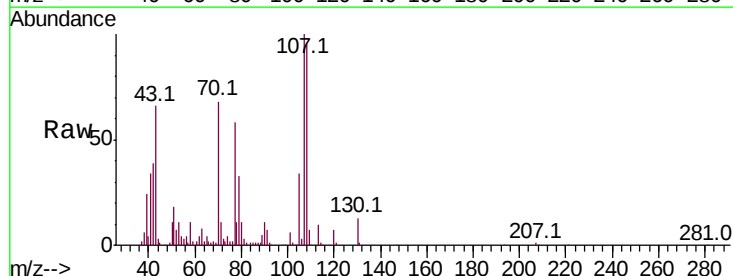
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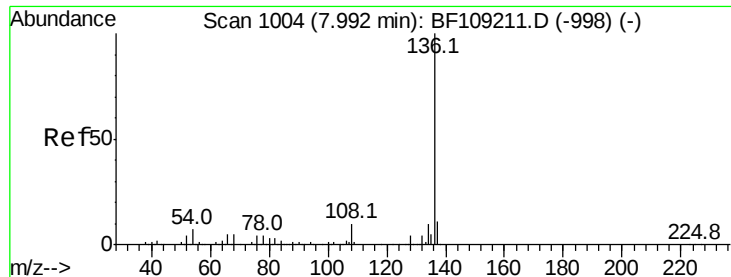
Sohil
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#20
3+4-Methylphenols
Concen: 42.935 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		302471		
108	95.2	68.2	108.2		
77	57.9	26.7	66.7		
79	32.9	6.3	46.3		





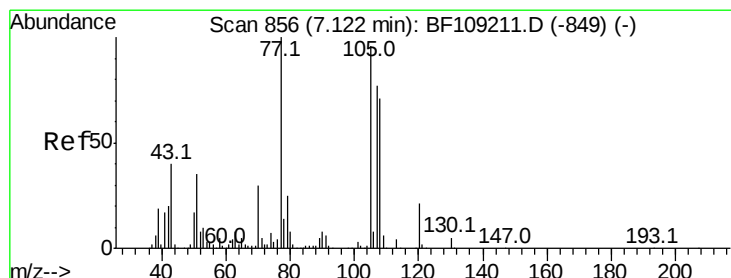
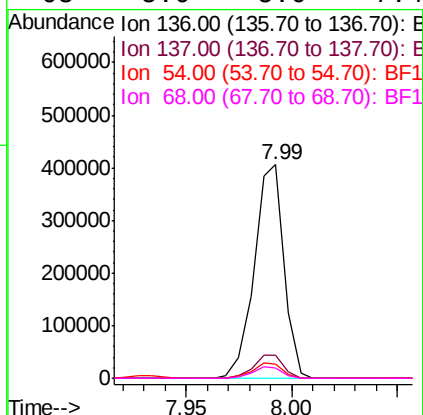
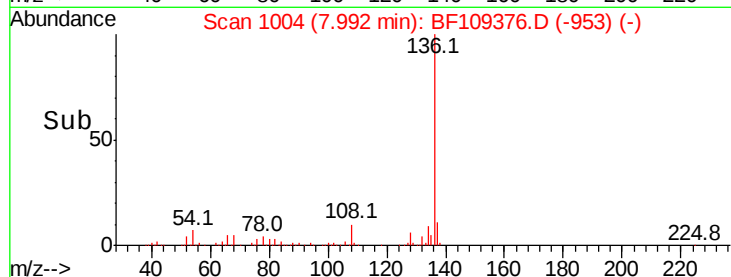
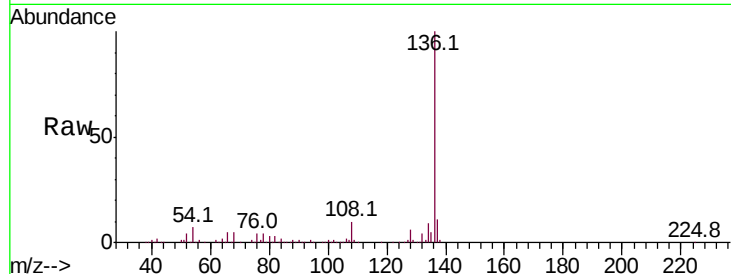
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.6	6.6	9.8	
68	5.0	5.0	7.4	

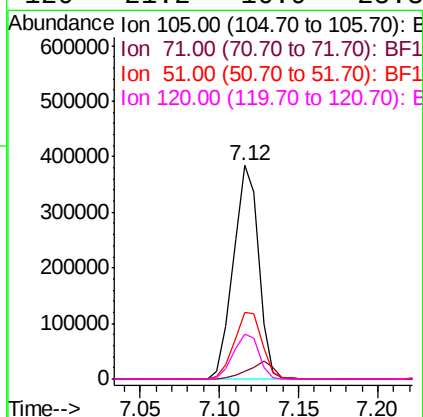
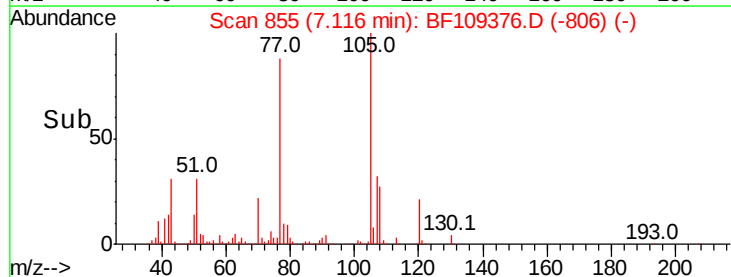
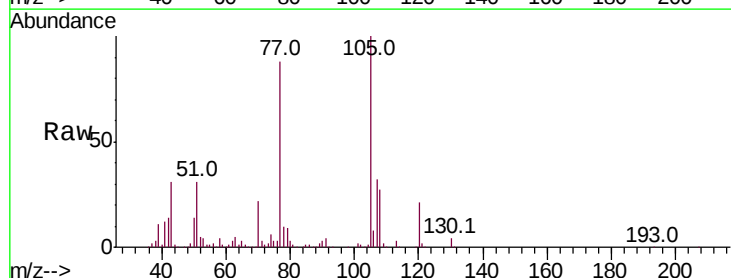
Manual Integrations
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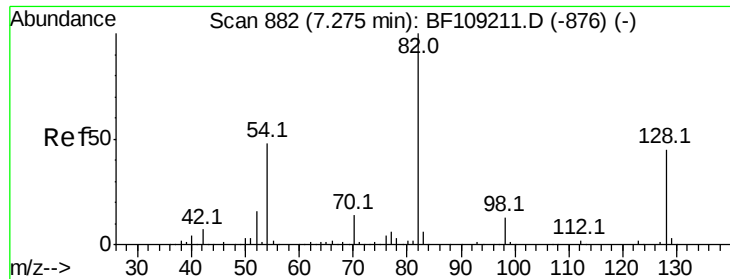
Sohil
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#22
Acetophenone
Concen: 45.944 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	4.4	6.6#	
51	30.9	22.3	33.5	
120	21.2	16.9	25.3	





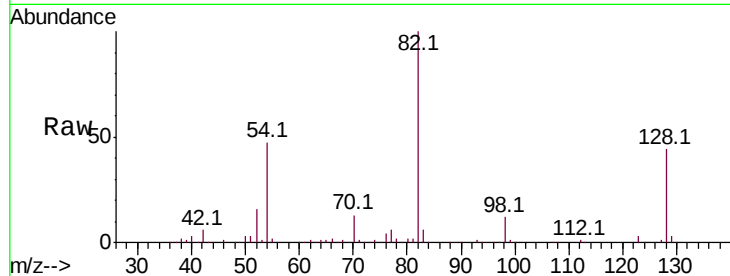
#23
Nitrobenzene-d5
Concen: 95.541 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

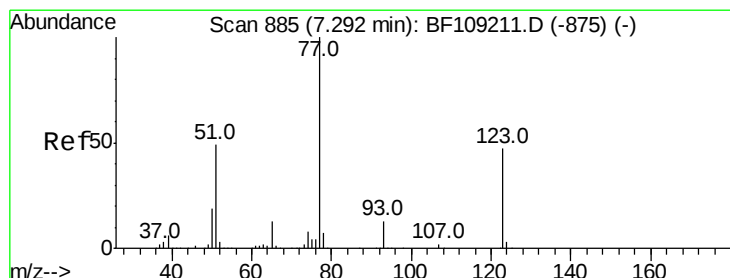
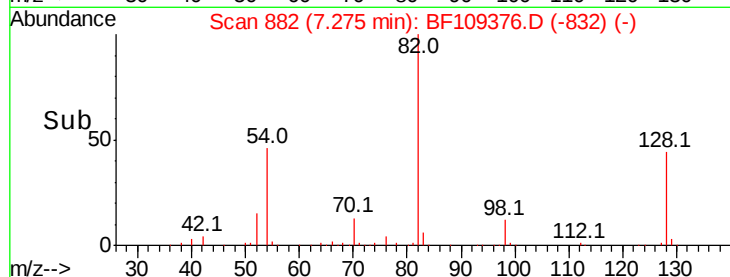
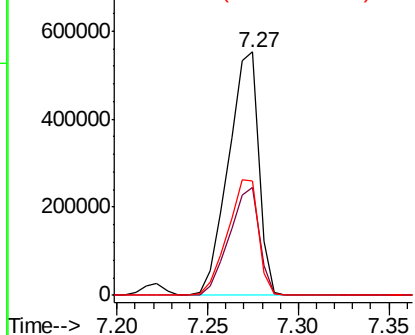
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	46.8	41.4	62.2

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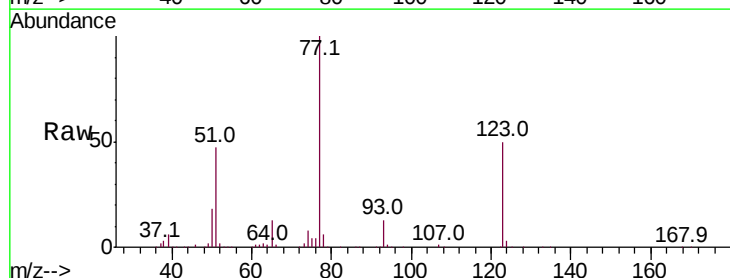


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

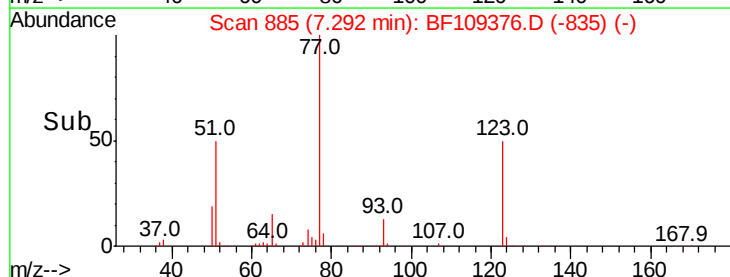
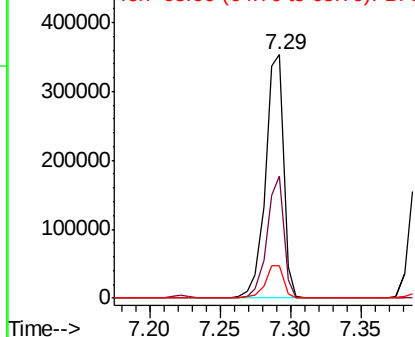


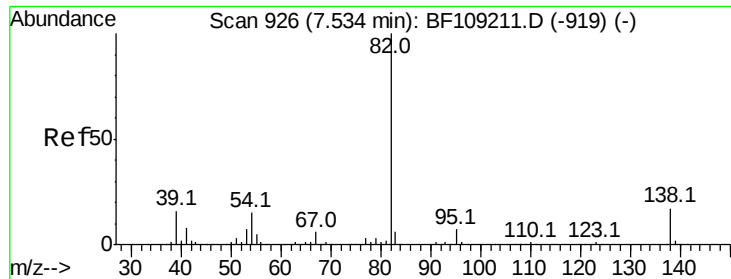
#24
Nitrobenzene
Concen: 45.381 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	37.9	56.9
65	13.4	11.0	16.4



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





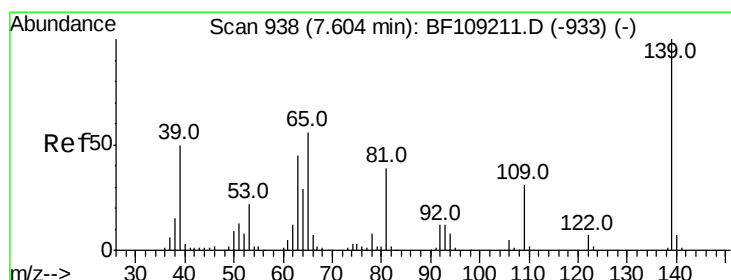
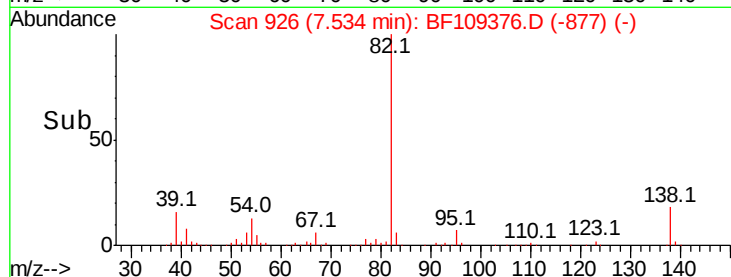
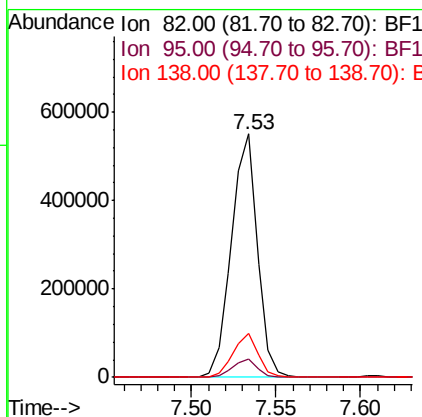
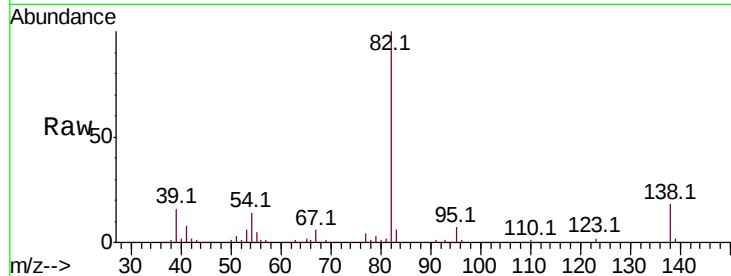
#25
Isophorone
Concen: 48.591 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	5.2	7.8	
138	17.9	14.9	22.3	

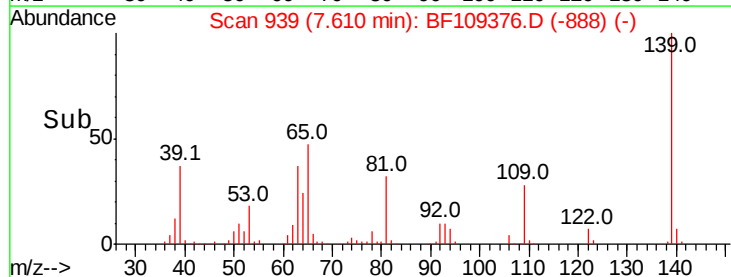
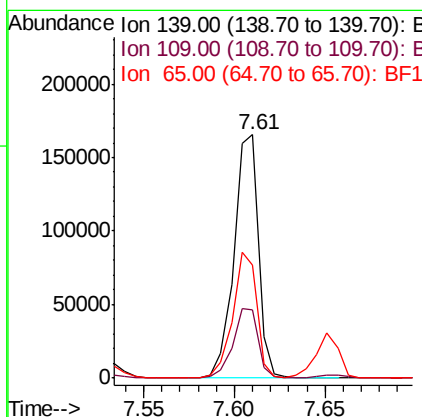
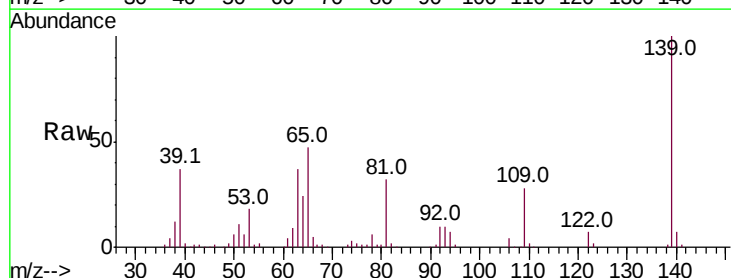
Manual Integrations
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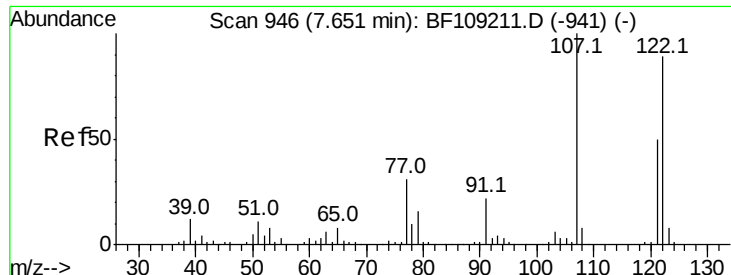
Sohil
9/27/2018 1:31:46 PM



#26
2-Nitrophenol
Concen: 54.979 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.9	22.7	34.1	
65	46.5	40.5	60.7	





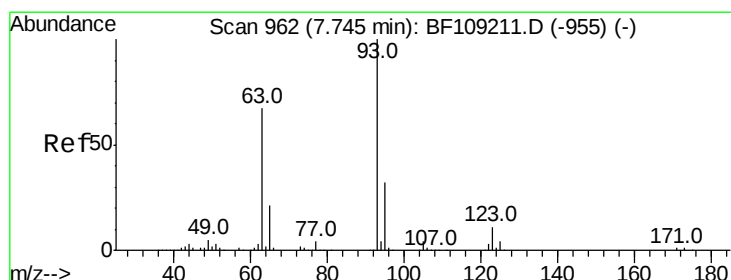
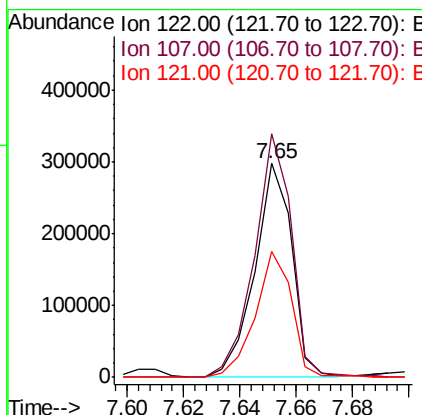
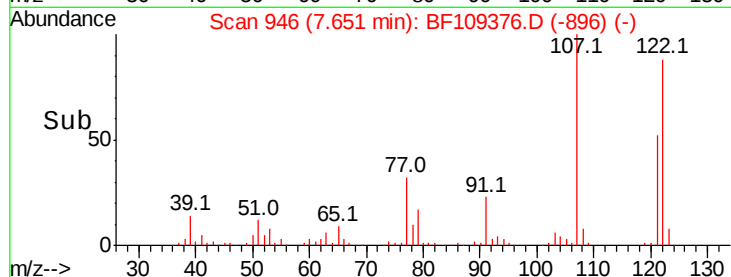
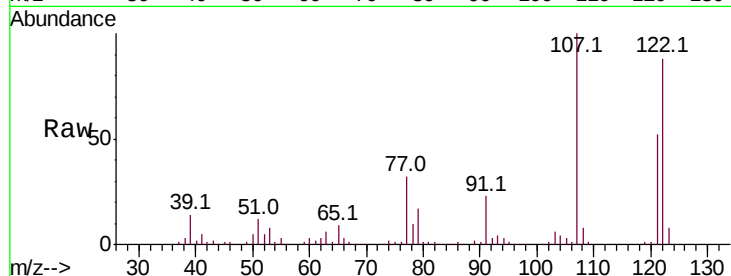
#27
 2,4-Dimethylphenol
 Concen: 51.640 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	273255		
107	114.0		91.2	136.8
121	59.2		47.2	70.8

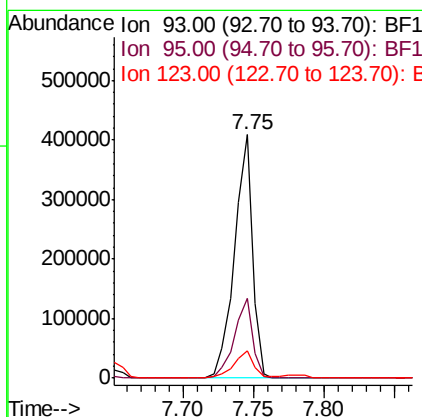
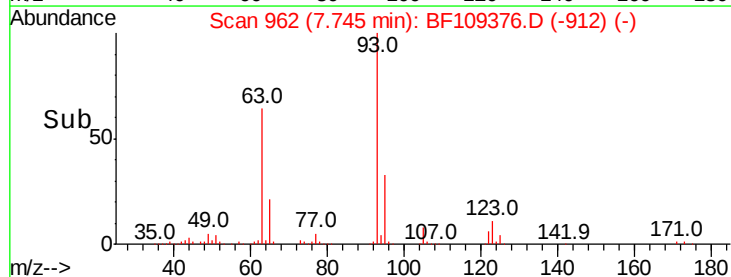
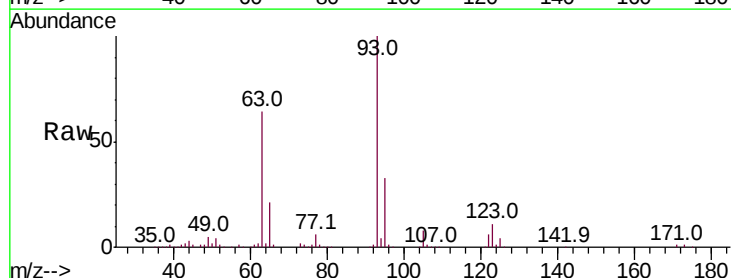
Manual Integrations
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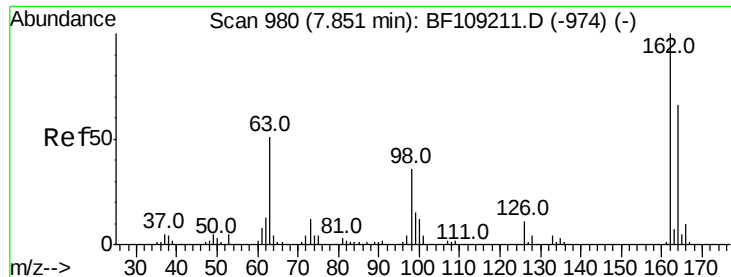
Sohil
 9/27/2018 1:31:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.479 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	365606		
95	32.7		26.3	39.5
123	11.4		9.8	14.6





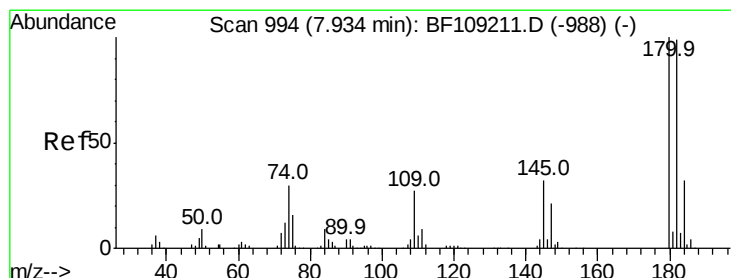
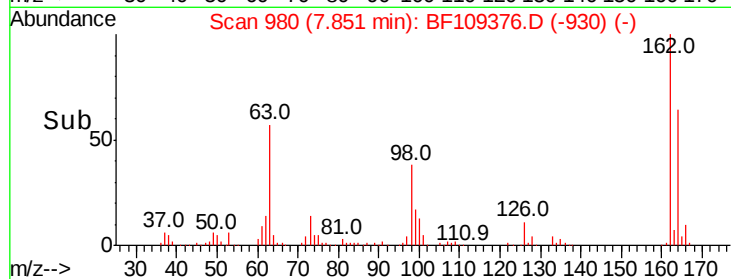
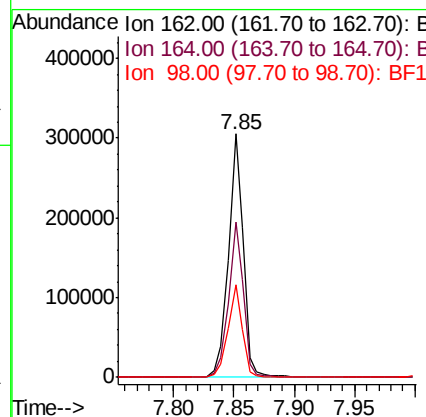
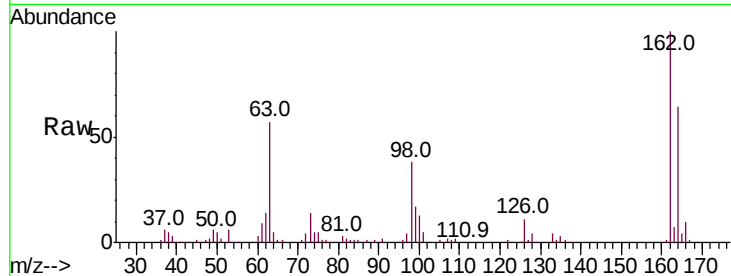
#29
 2,4-Dichlorophenol
 Concen: 46.525 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion:	162	Resp:	258660
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	38.1	18.1	58.1

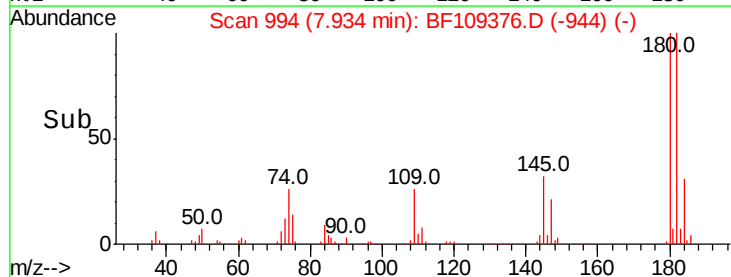
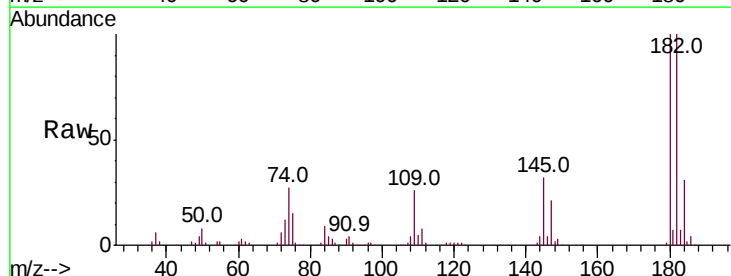
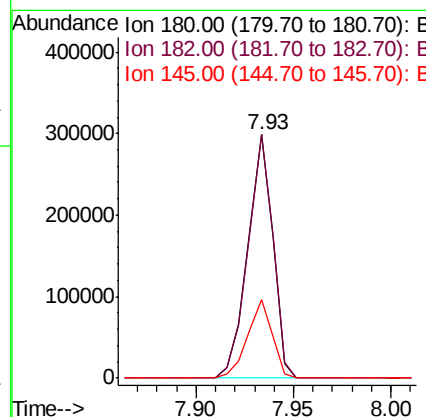
Manual Integrations
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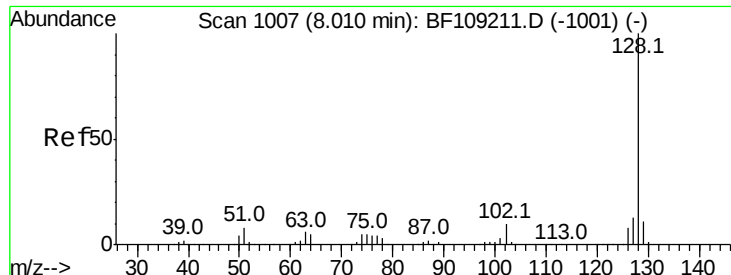
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.971 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion:	180	Resp:	266947
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.8	115.2
145	32.2	26.5	39.7





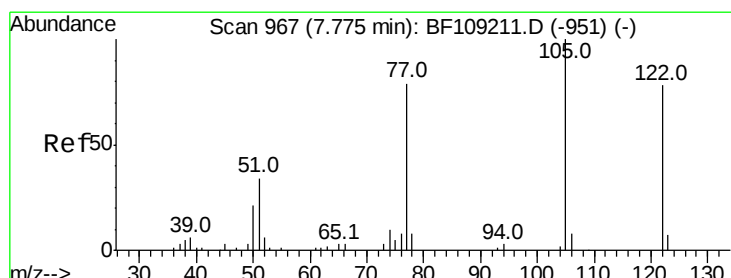
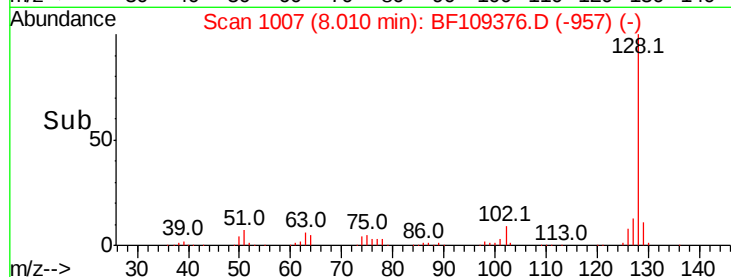
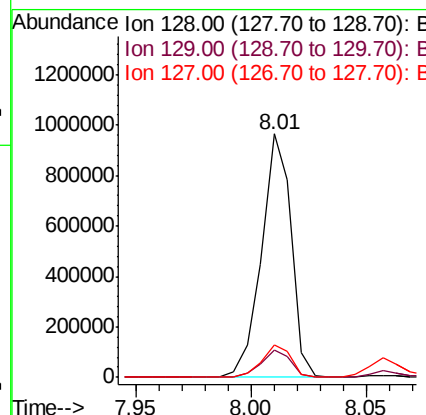
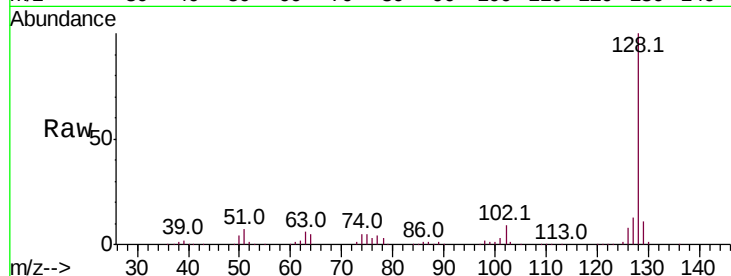
#31
Naphthalene
Concen: 46.561 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	866200		
129	11.4		8.8	13.2
127	13.3		10.9	16.3

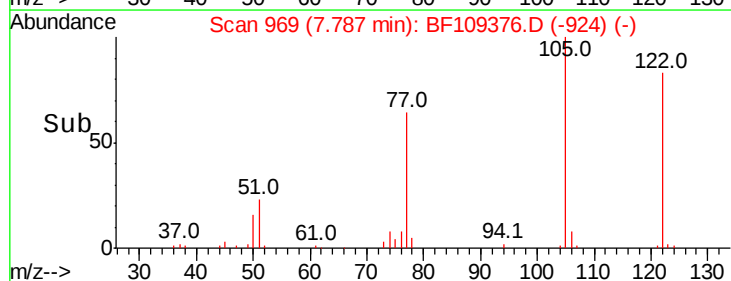
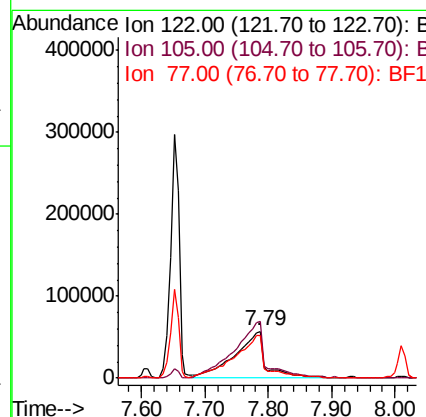
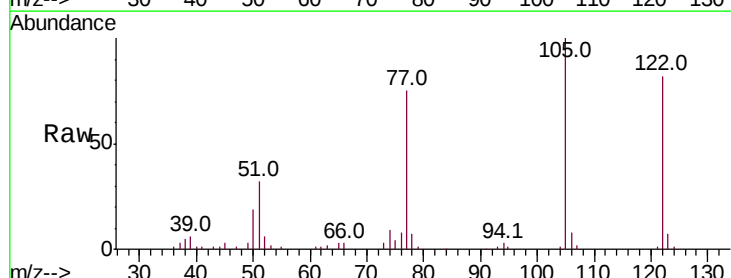
Manual Integrations
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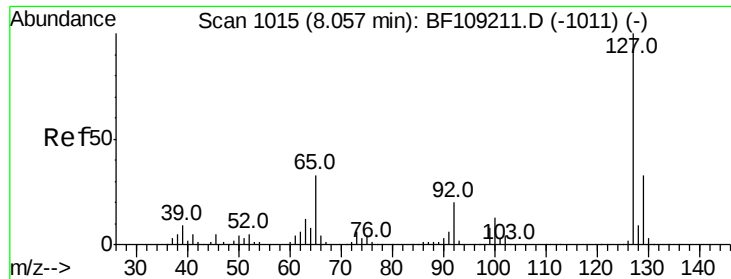
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#32
Benzoic acid
Concen: 51.785 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	188455		
105	122.1		101.1	141.1
77	91.5		70.7	110.7





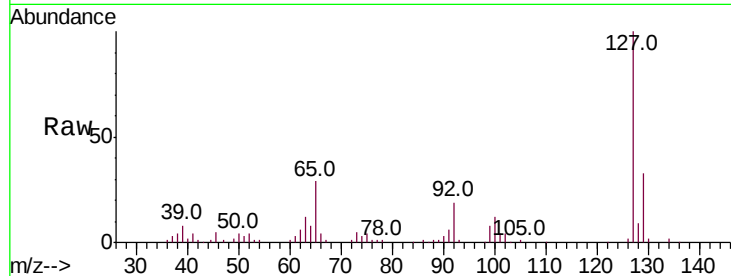
#33
4-Chloroaniline
Concen: 10.649 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

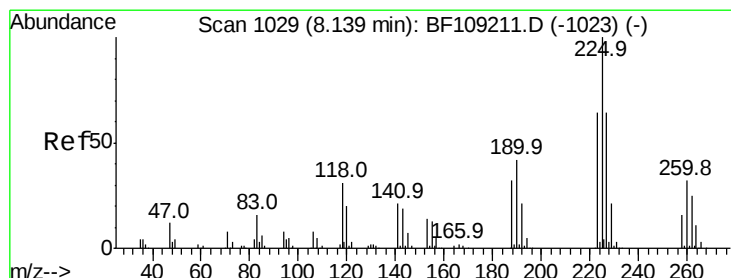
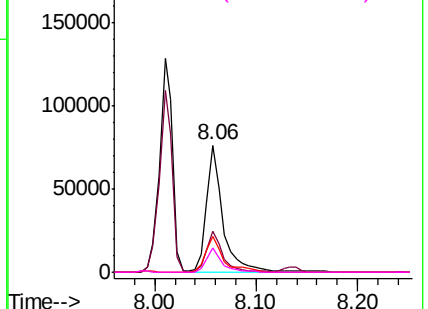
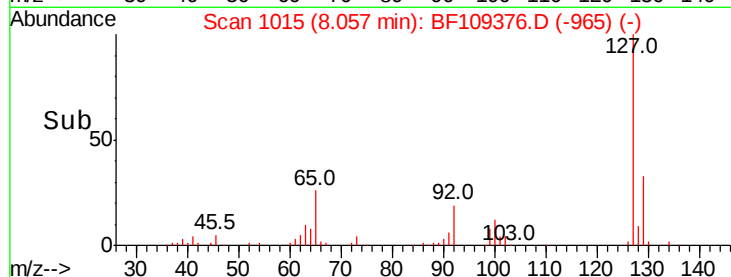
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	28.6	25.0	37.4
92	19.3	15.2	22.8

Manual Integrations
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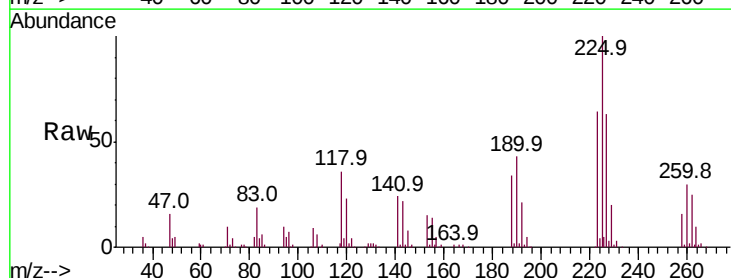


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

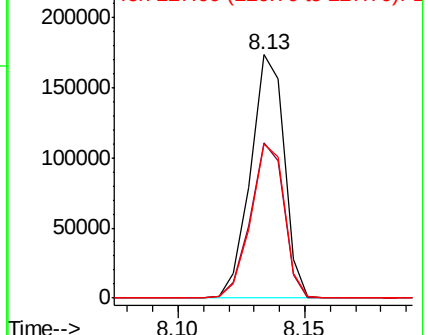
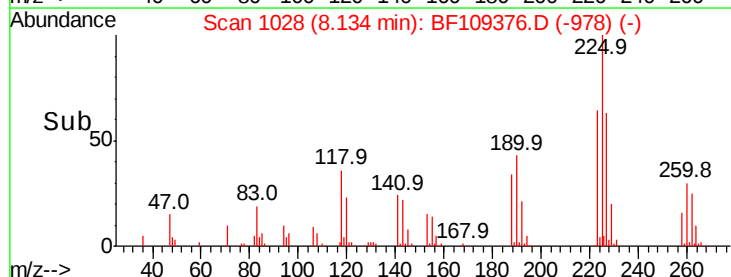


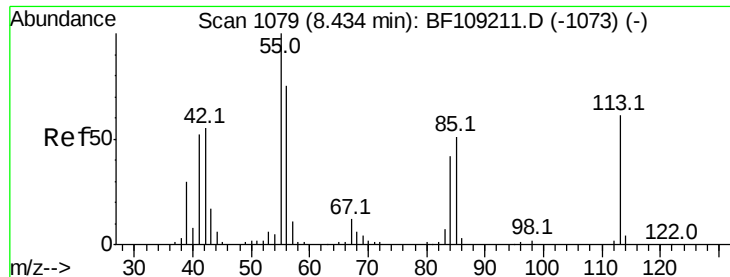
#34
Hexachlorobutadiene
Concen: 43.084 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.3	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





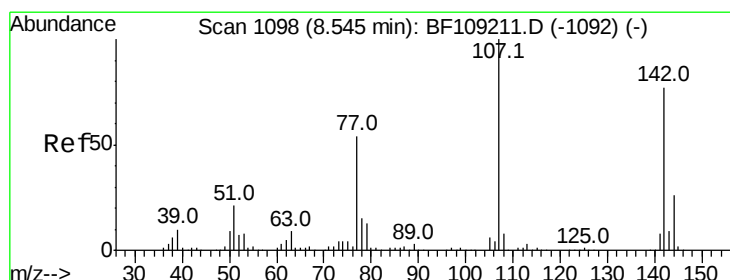
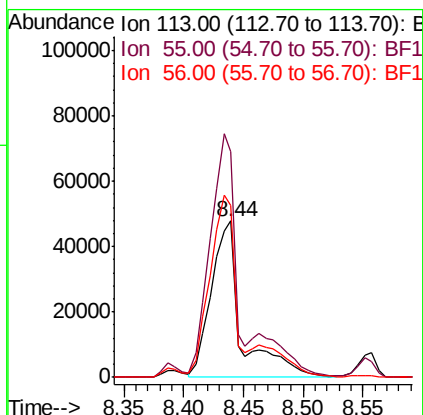
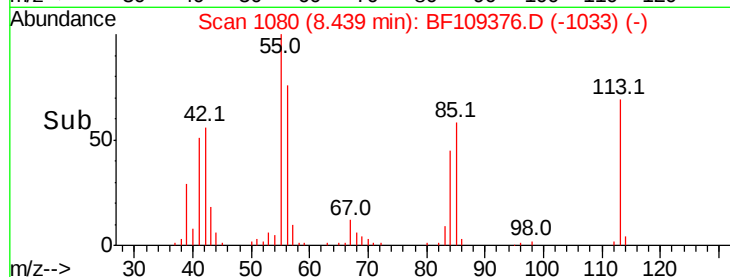
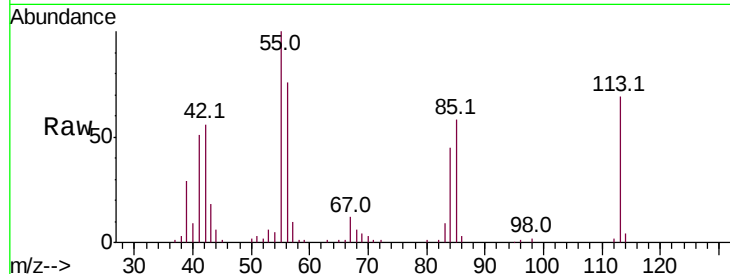
#35
Caprolactam
Concen: 47.206 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleID :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.7	163.3	203.3#
56	110.0	115.7	155.7#

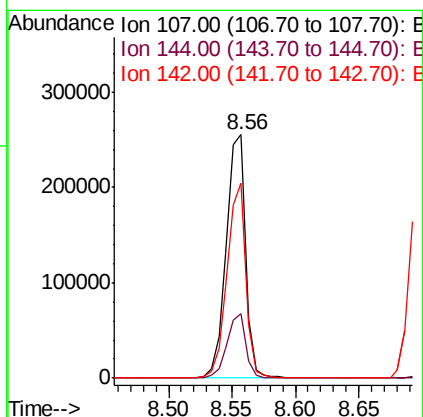
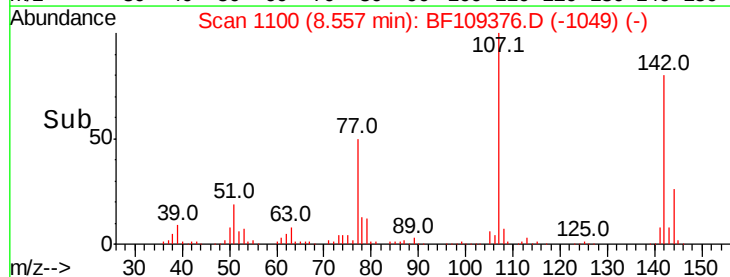
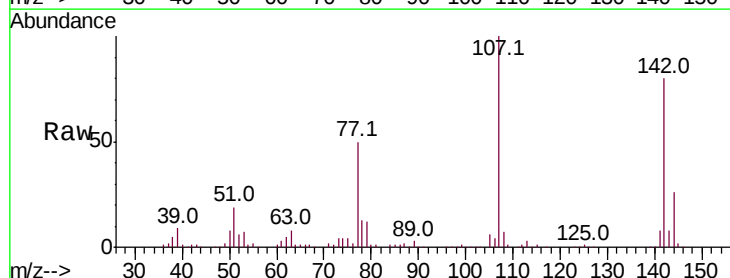
Manual Integrations
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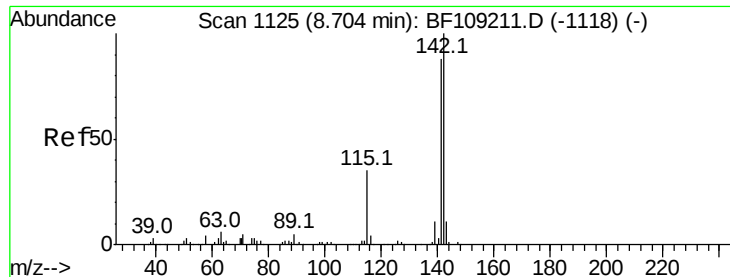
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#36
4-Chloro-3-methylphenol
Concen: 46.267 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	80.1	62.0	93.0





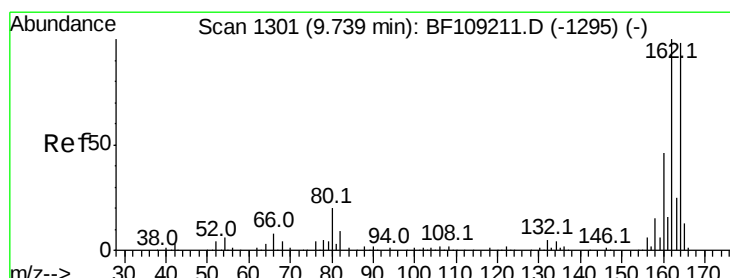
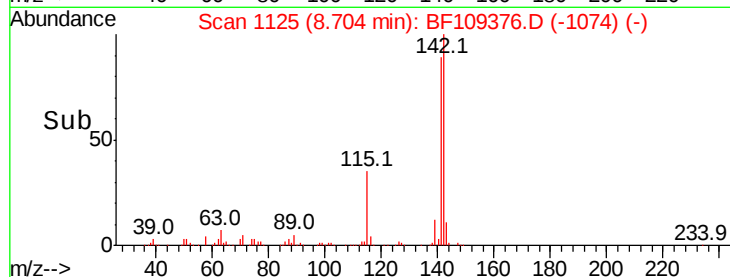
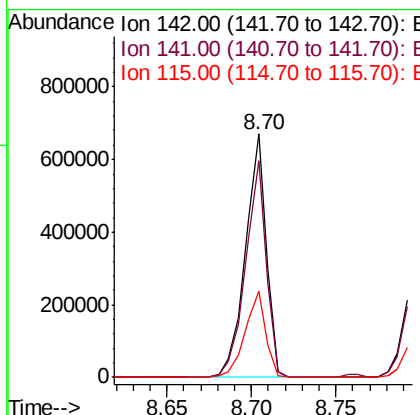
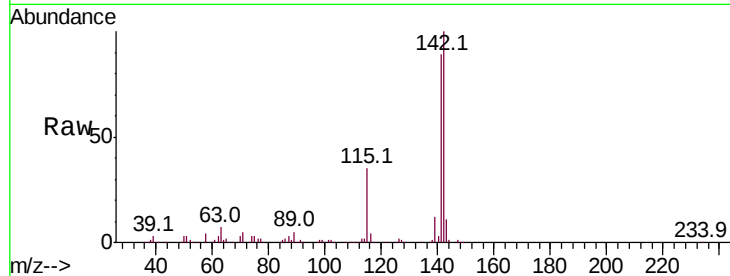
#37
2-Methylnaphthalene
Concen: 48.618 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	583062		
141	89.2	70.8	106.2	
115	35.4	26.1	39.1	

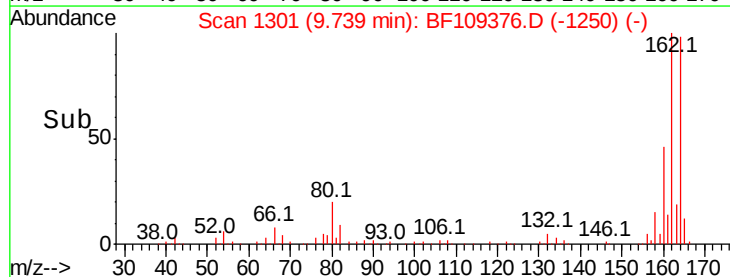
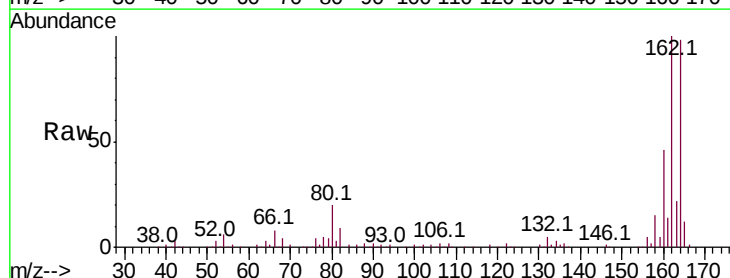
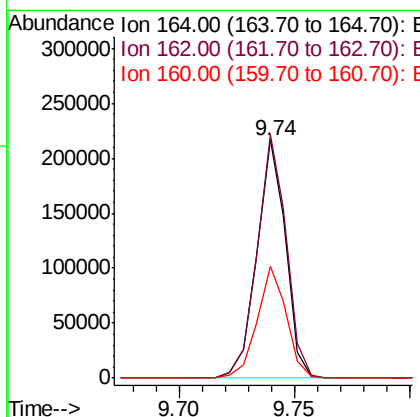
Manual Integrations
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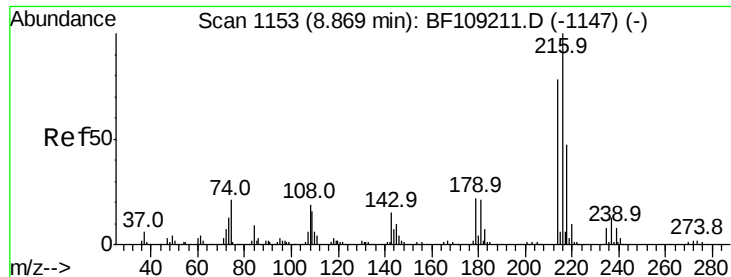
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187736		
162	102.1	86.1	129.1	
160	46.7	38.3	57.5	





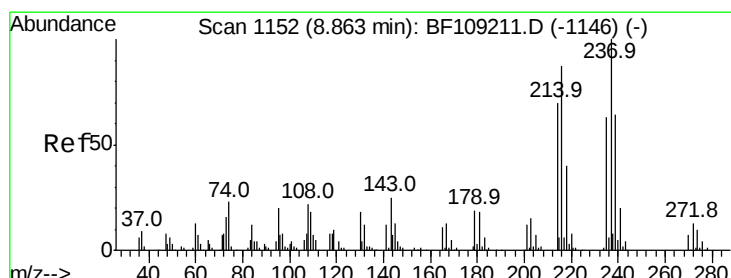
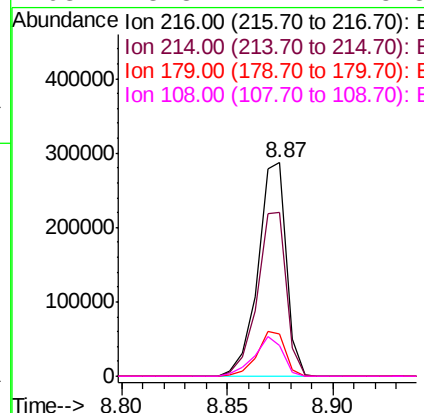
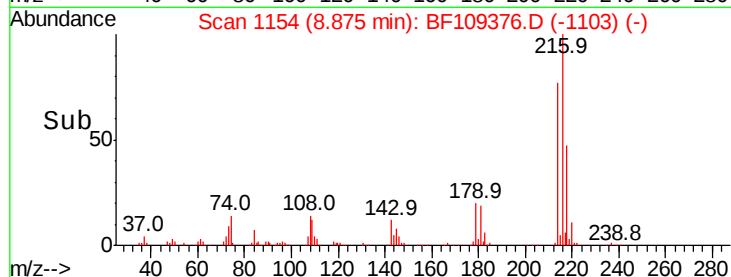
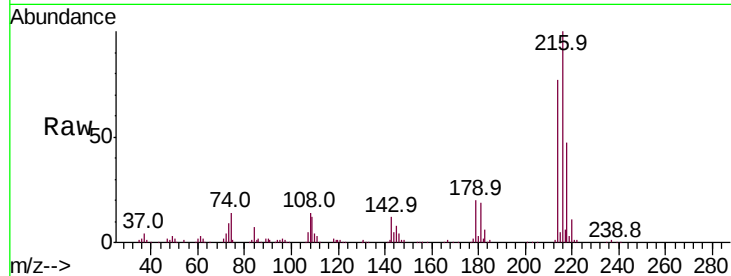
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.031 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	63.0	94.4
179	20.7	18.1	27.1
108	18.8	17.2	25.8

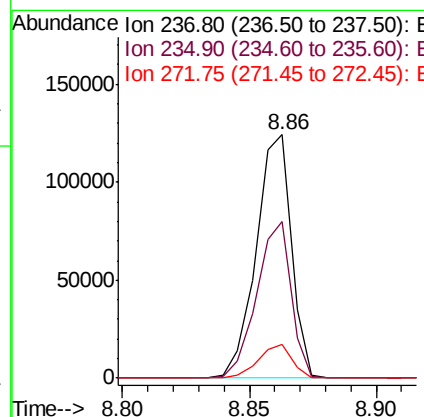
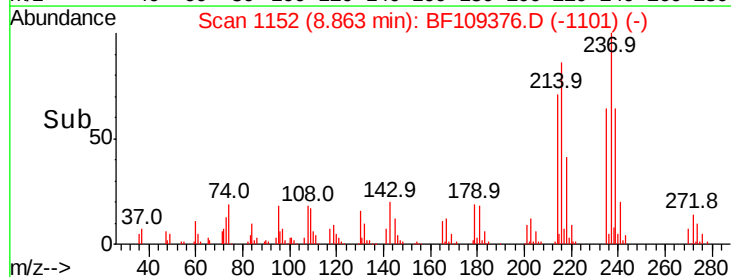
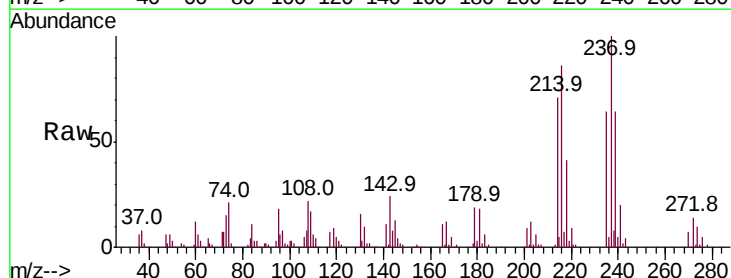
Manual Integrations
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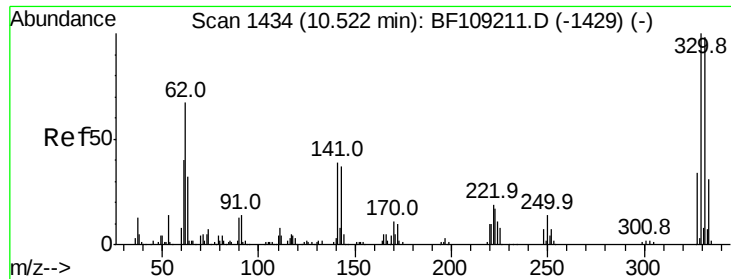
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 46.371 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.7	0.0	33.3





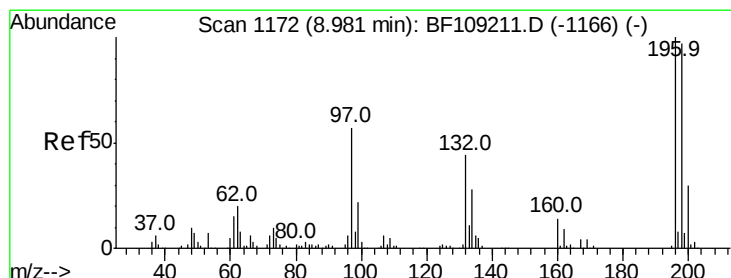
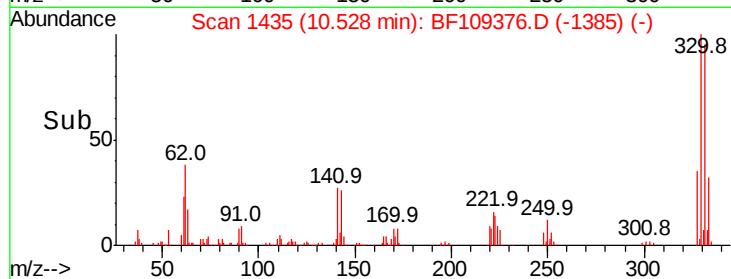
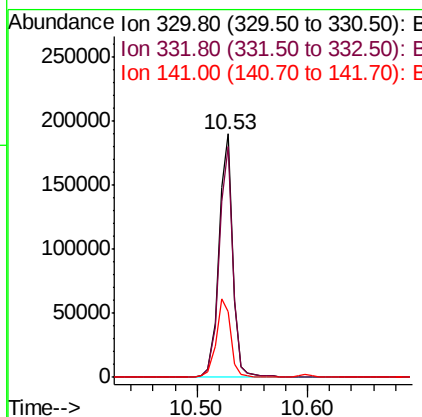
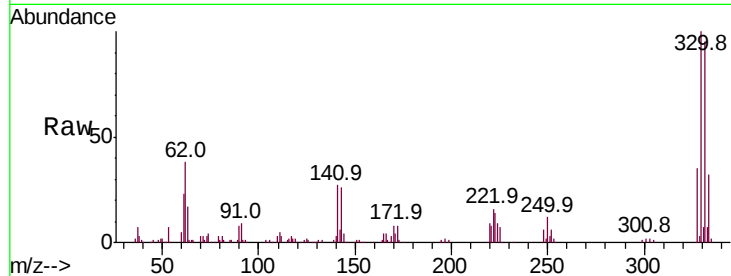
#41
 2,4,6-Tribromophenol
 Concen: 88.906 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164537		
332	94.9	77.0	115.6	
141	33.6	29.9	44.9	

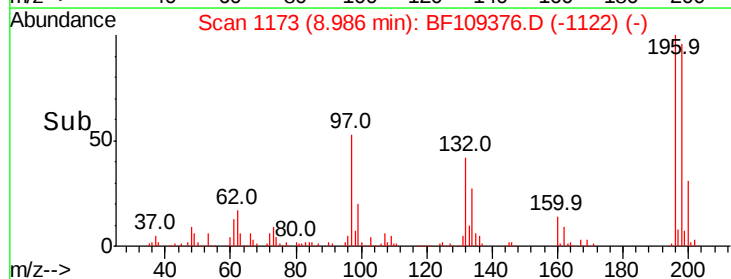
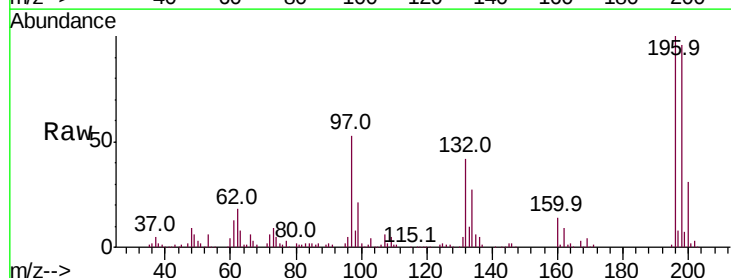
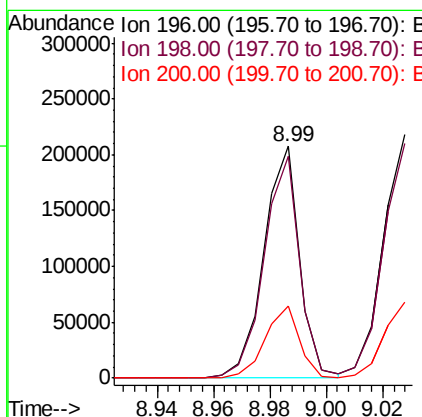
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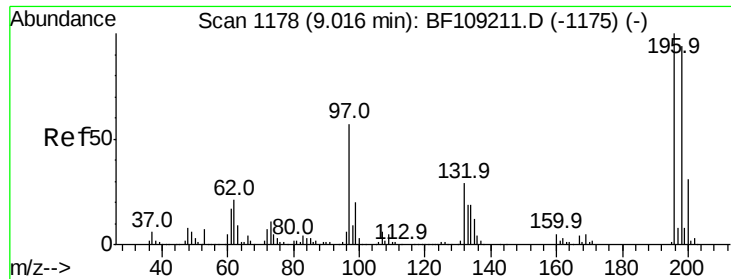
Sohil
 9/27/2018 1:31:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.379 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181683		
198	95.7	75.7	113.5	
200	31.0	24.5	36.7	





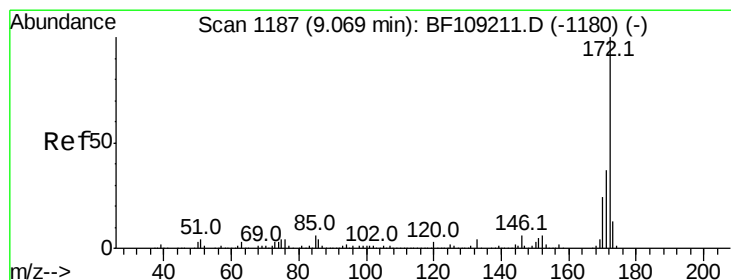
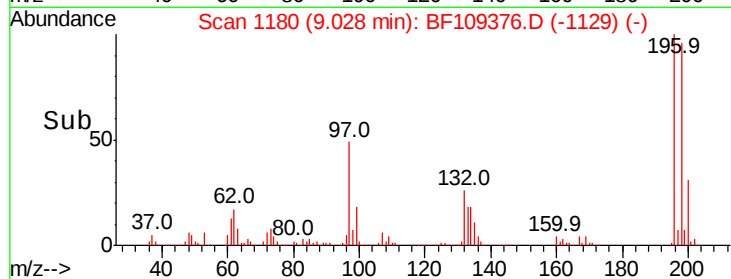
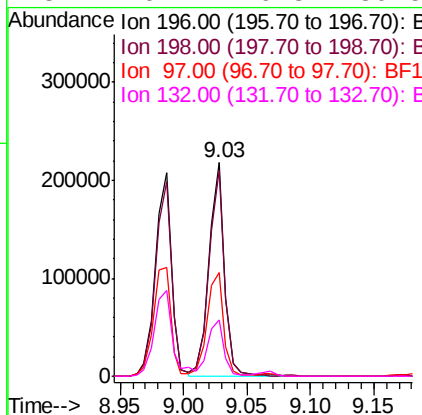
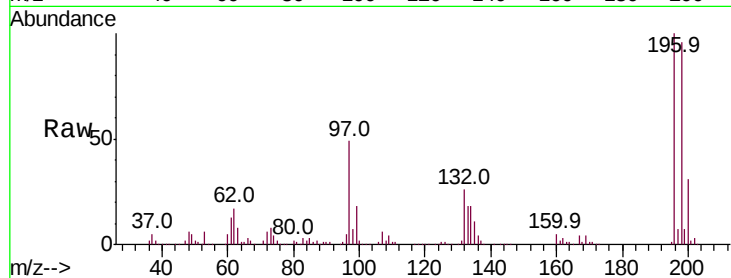
#43
 2,4,5-Trichlorophenol
 Concen: 46.684 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion:	196	Resp:	189064
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.6	112.0
97	48.6	42.9	64.3
132	26.4	26.3	39.5

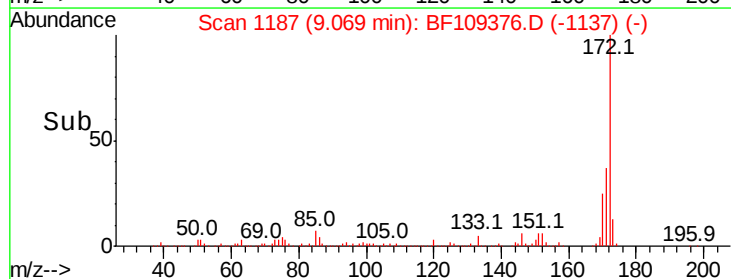
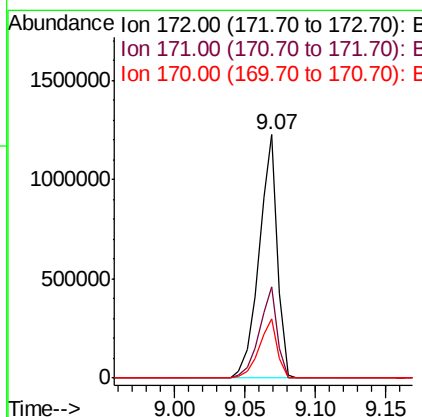
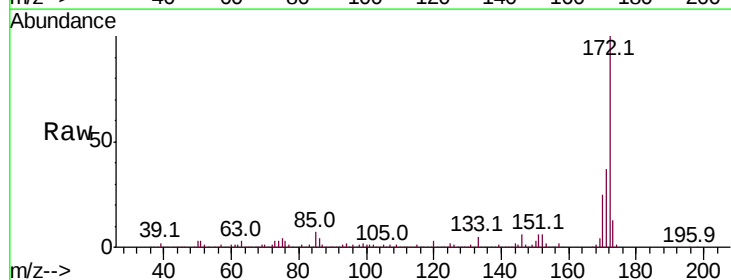
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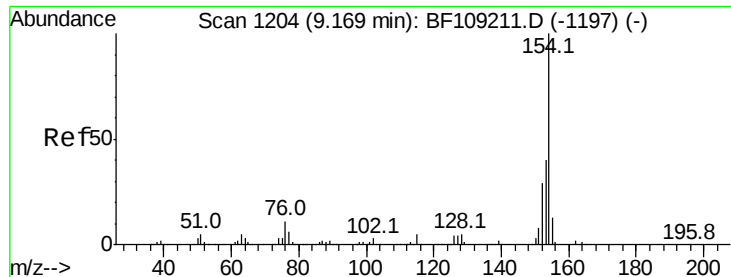
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 90.040 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion:	172	Resp:	1120791
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.7	44.5
170	24.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 45.232 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

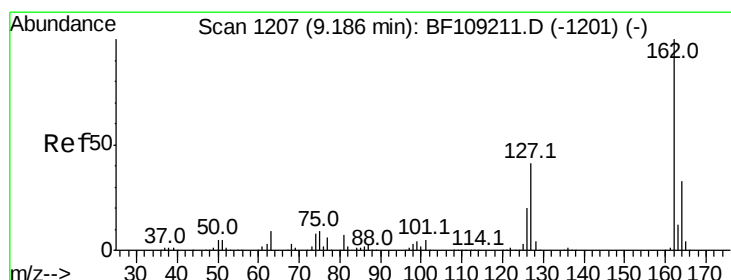
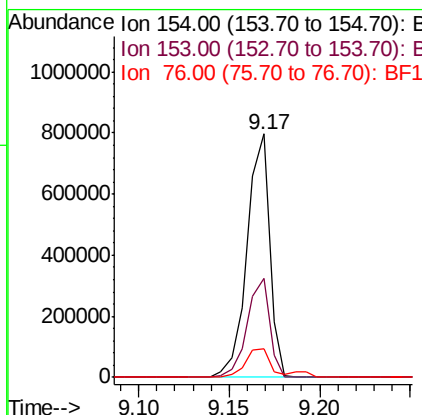
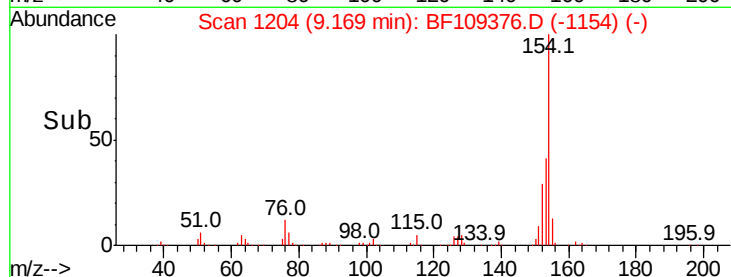
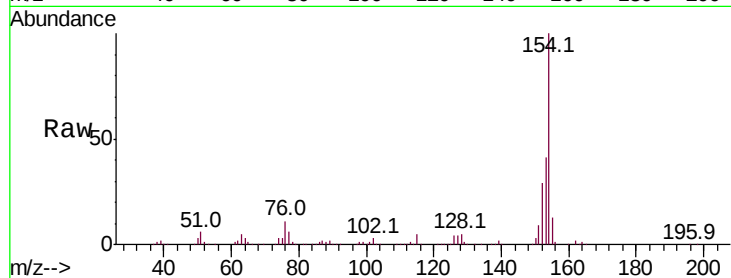
ClientSampleId :

PB113192BSD

Tot Ion:	154	Resp:	691869
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	11.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 43.621 ng

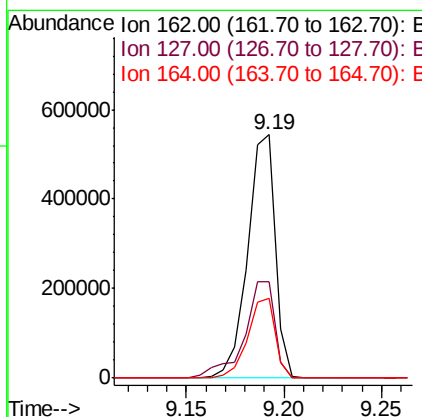
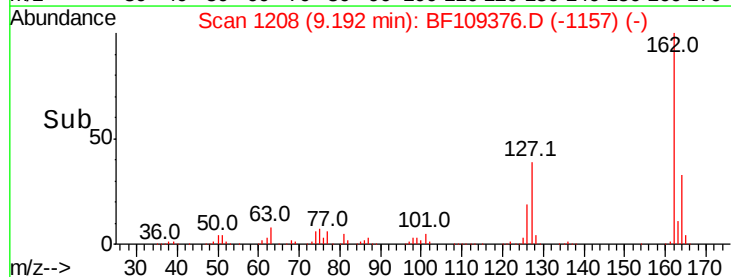
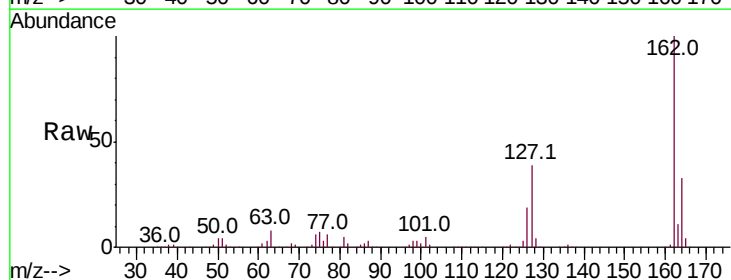
RT: 9.19 min Scan# 1208

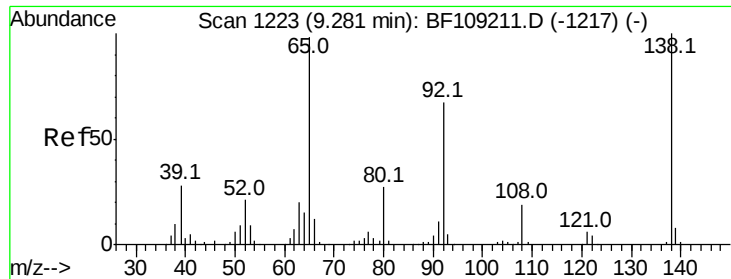
Delta R.T. 0.00 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion:	162	Resp:	533038
Ion Ratio	Lower	Upper	
162	100		
127	39.3	33.9	50.9
164	32.8	26.5	39.7





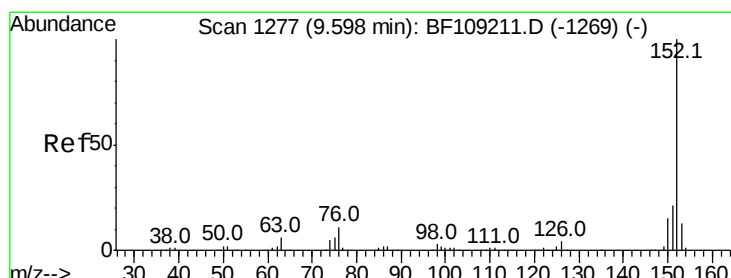
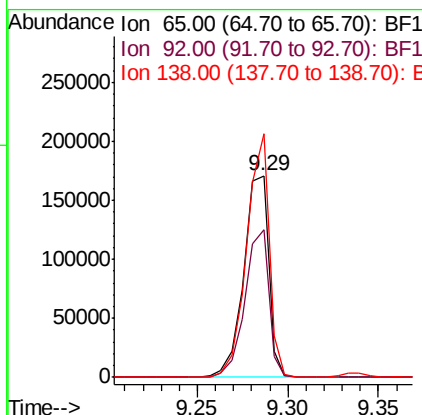
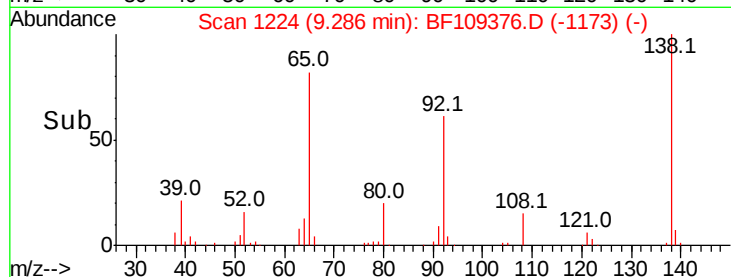
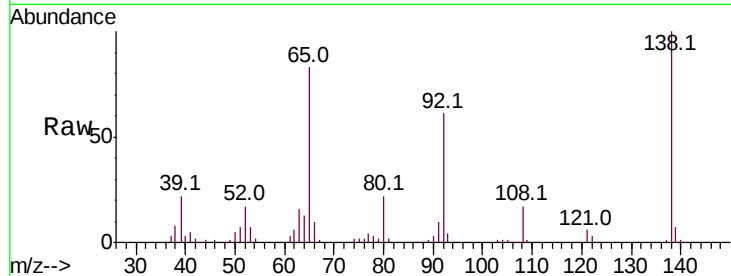
#47
2-Nitroaniline
Concen: 47.522 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	55.8	83.6
138	120.6	91.2	136.8

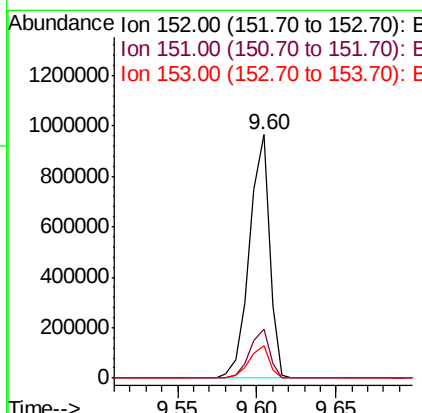
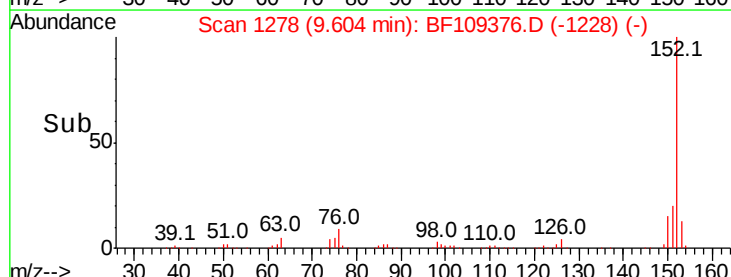
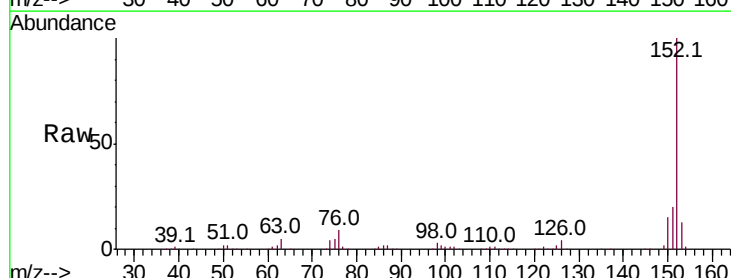
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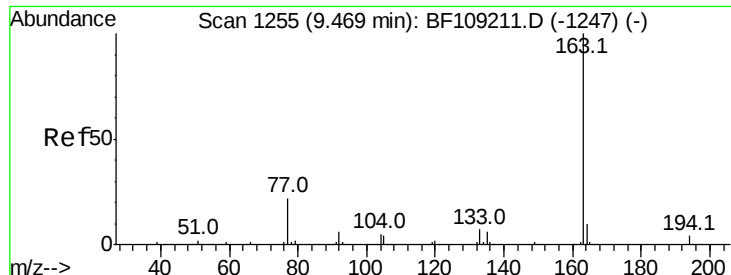
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#48
Acenaphthylene
Concen: 45.860 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.5	10.7	16.1





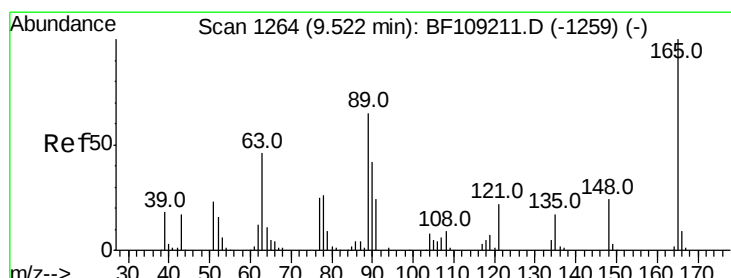
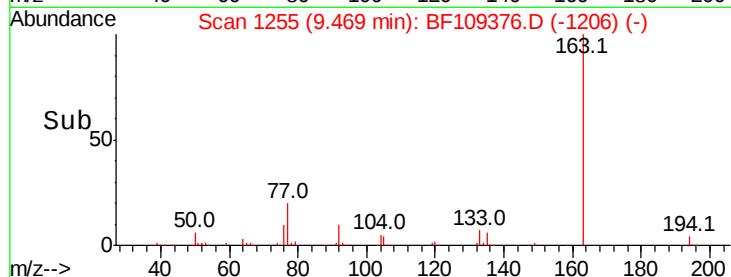
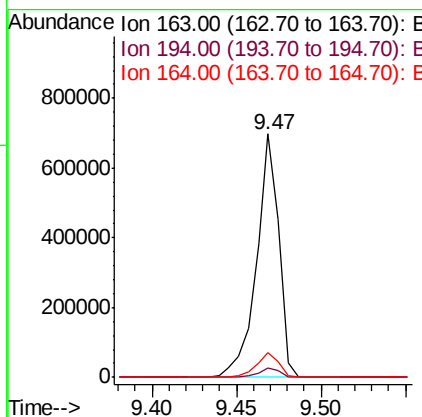
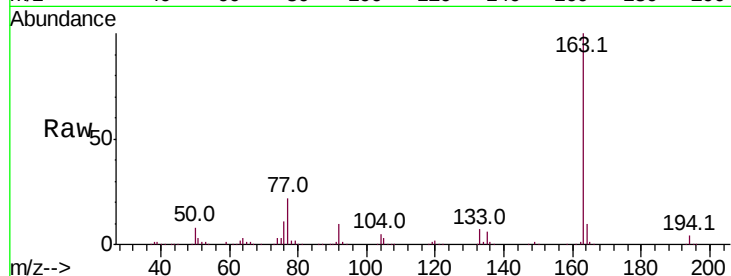
#49
 Dimethylphthalate
 Concen: 46.819 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.0	8.2	12.2	

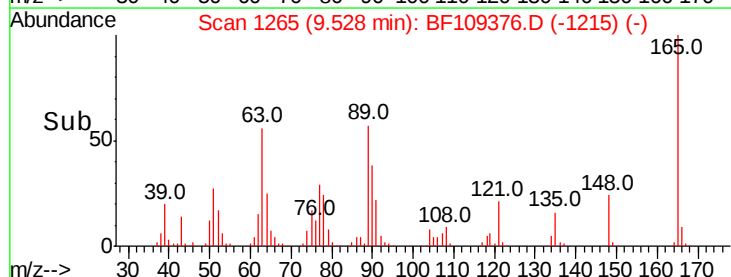
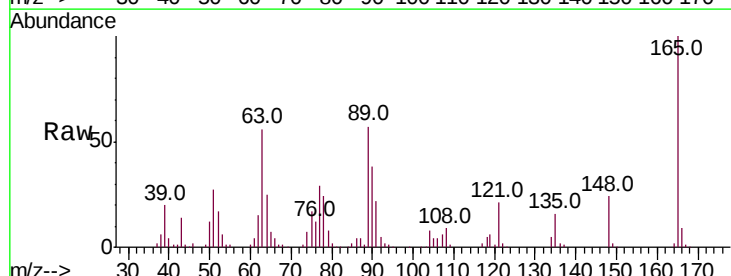
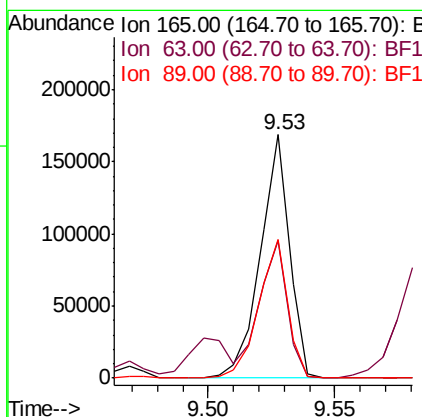
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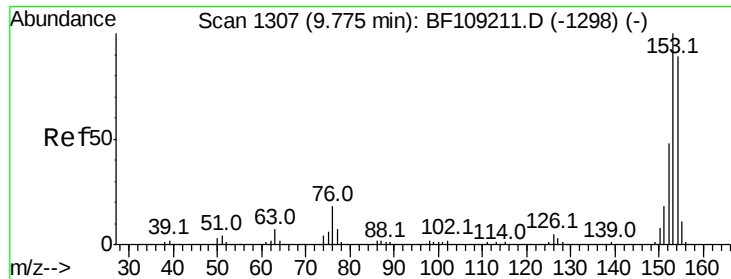
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#50
 2,6-Dinitrotoluene
 Concen: 50.420 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.4	44.7	67.1	
89	56.8	44.0	66.0	





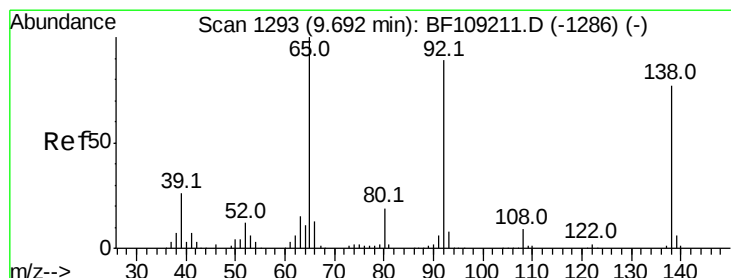
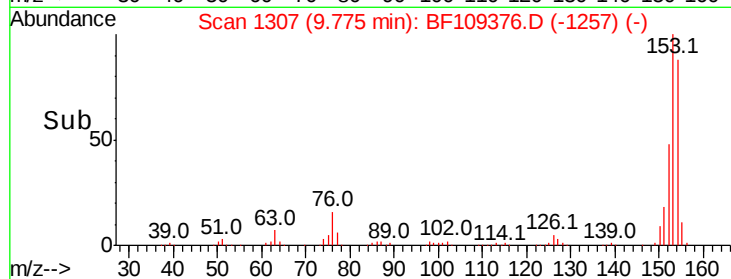
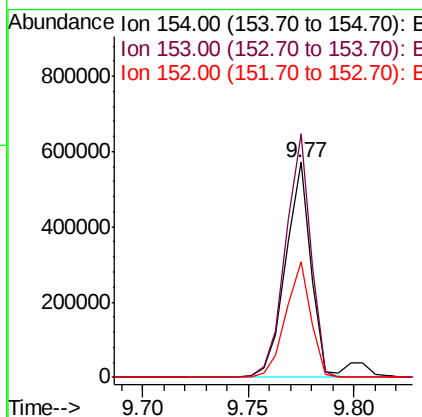
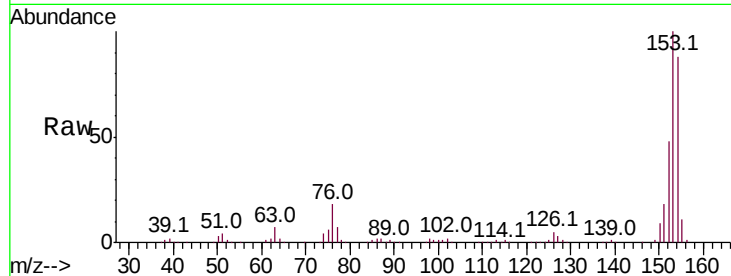
#51
Acenaphthene
Concen: 43.032 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.0	43.8	65.8

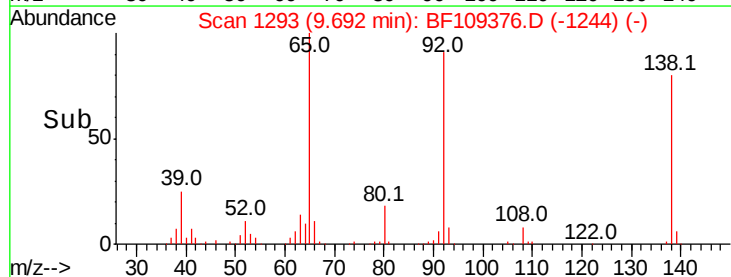
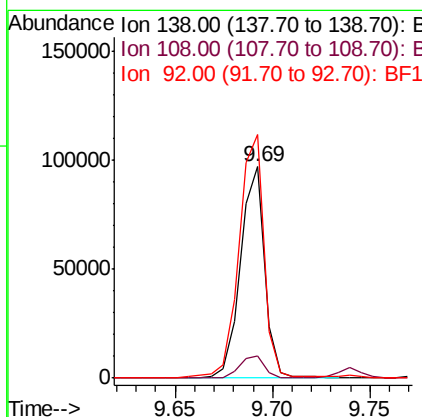
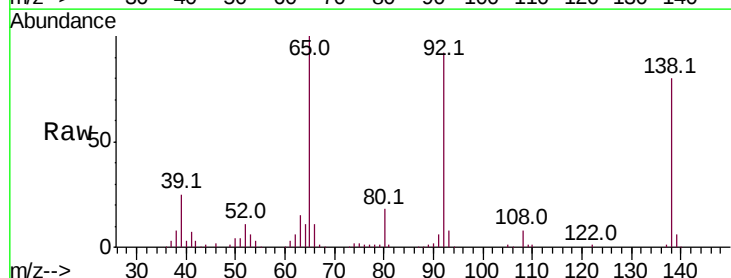
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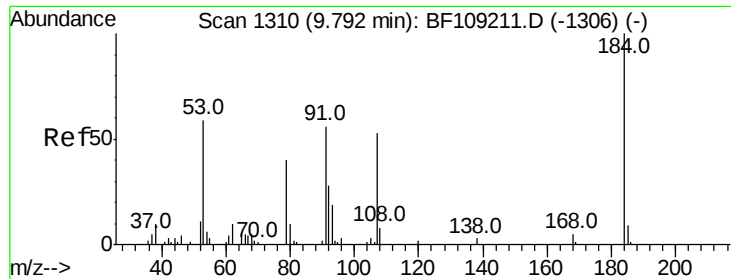
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#52
3-Nitroaniline
Concen: 26.657 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	115.2	89.4	134.2





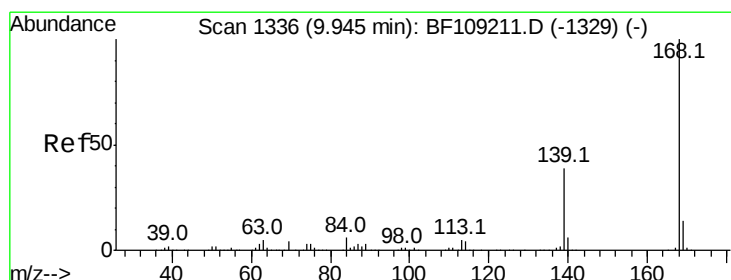
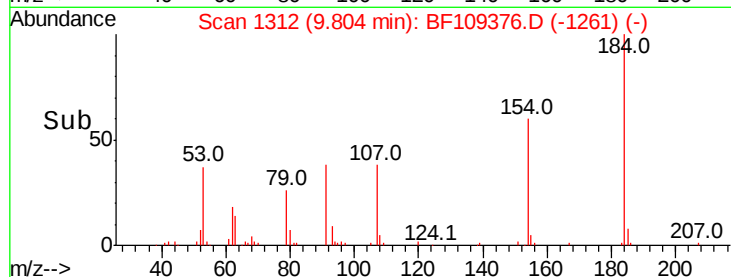
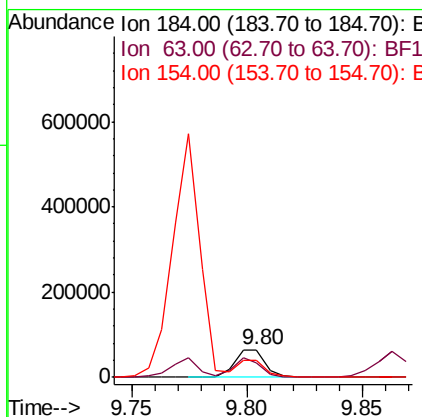
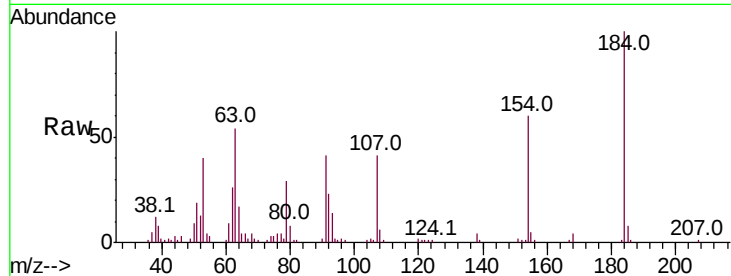
#53
2,4-Dinitrophenol
Concen: 65.363 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.8	54.2	81.2#
154	59.9	184.0	276.0#

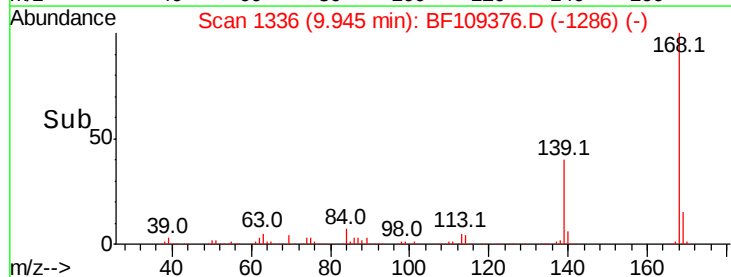
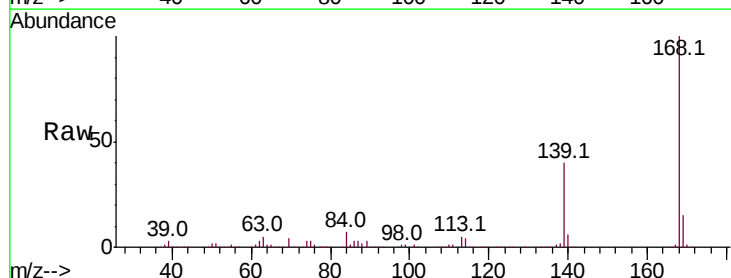
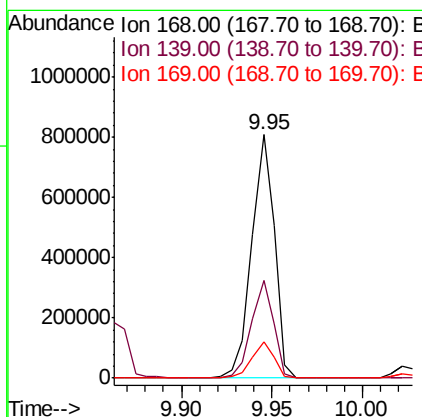
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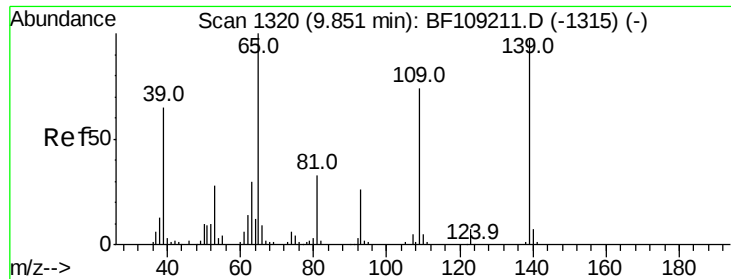
Sohil
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#54
Dibenzofuran
Concen: 42.564 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	14.7	10.9	16.3





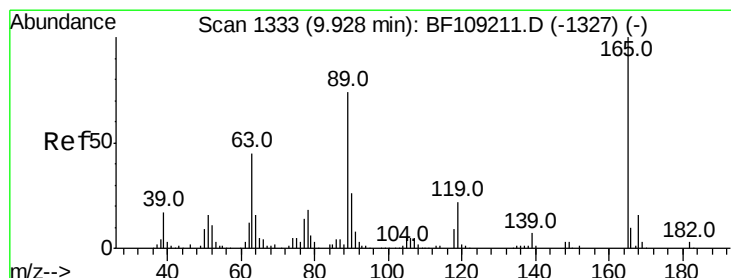
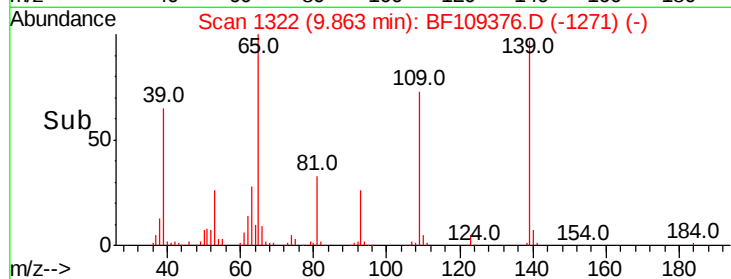
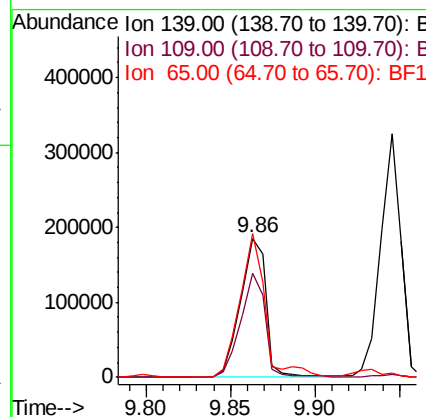
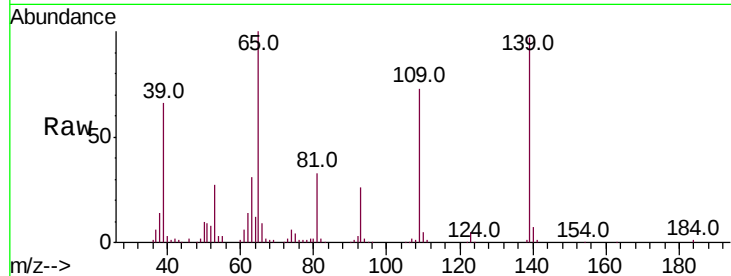
#55
4-Nitrophenol
Concen: 83.591 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.9	48.4	88.4	
65	103.2	72.6	112.6	

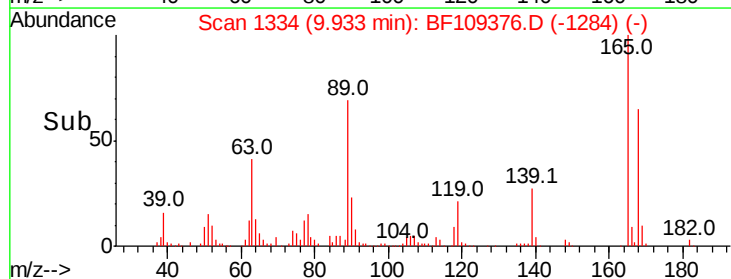
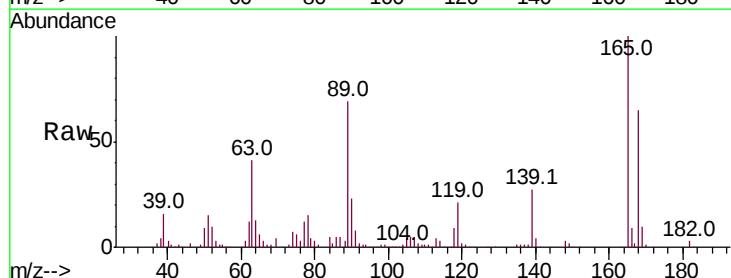
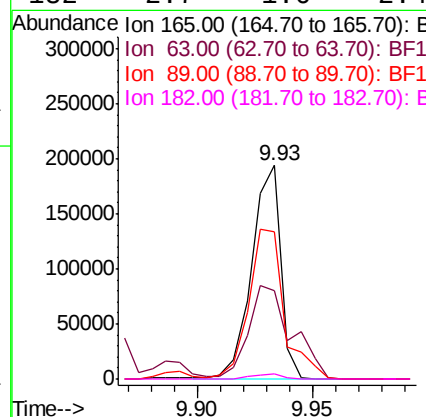
Manual Integrations
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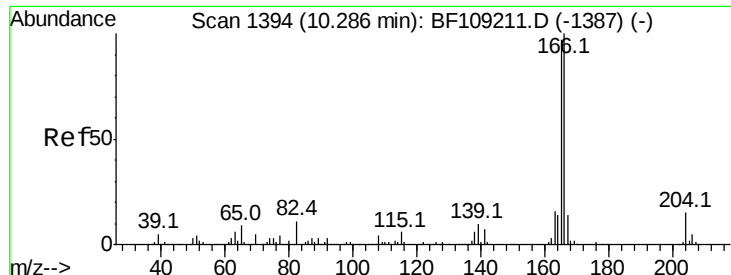
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.999 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.3	36.4	54.6	
89	68.8	57.8	86.6	
182	2.7	1.6	2.4	#





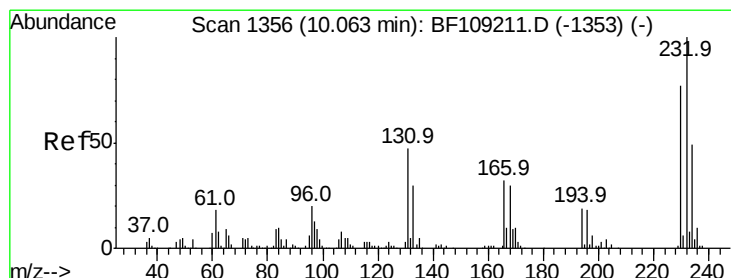
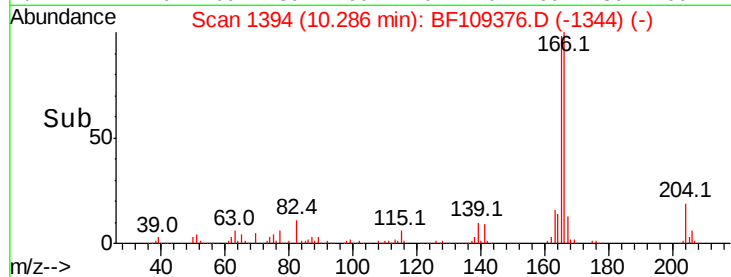
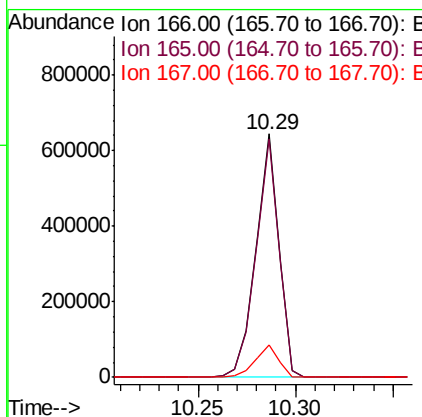
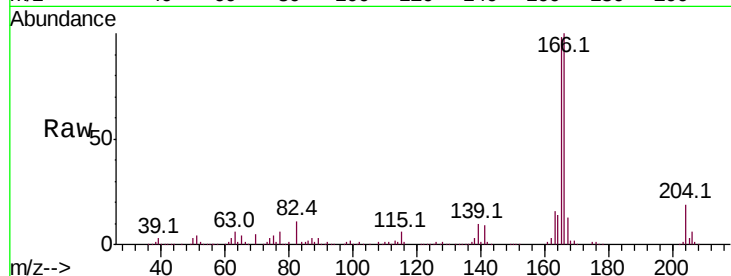
#57
Fluorene
 Concen: 44.429 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion:	166	Resp:	525430
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.8	119.8
167	13.4	10.6	16.0

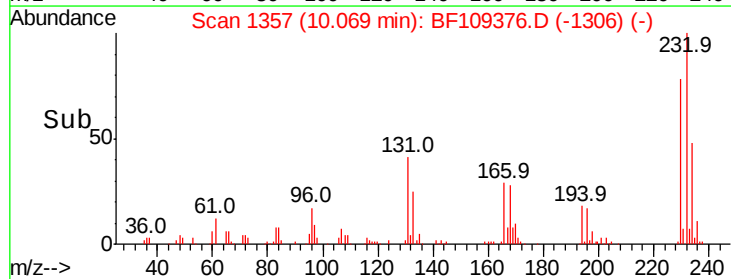
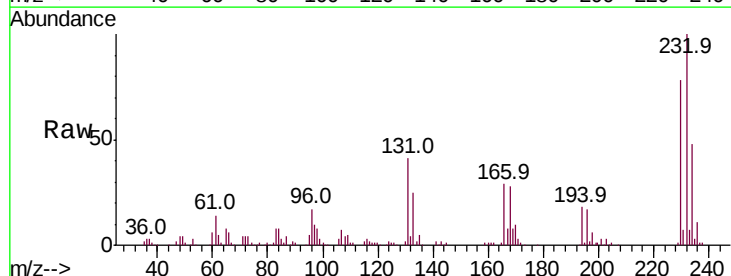
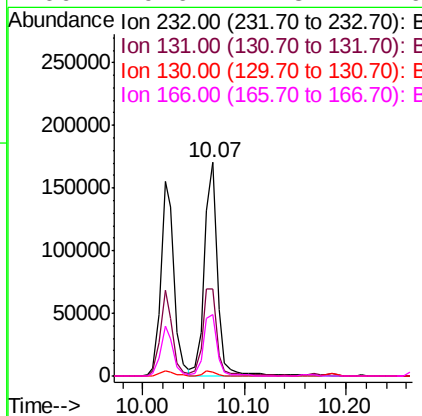
Manual Integrations
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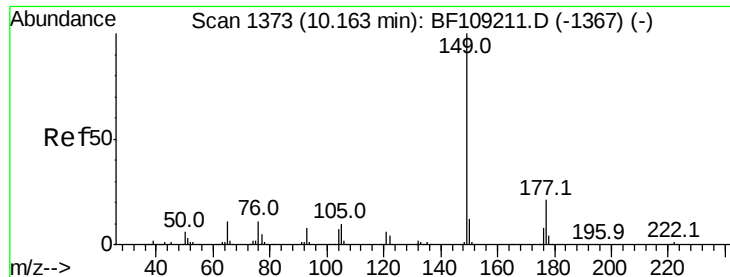
Sohil
 9/27/2018 1:31:46 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.189 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion:	232	Resp:	151318
Ion Ratio	Lower	Upper	
232	100		
131	44.2	43.8	65.8
130	2.2	2.1	3.1
166	29.6	27.8	41.6





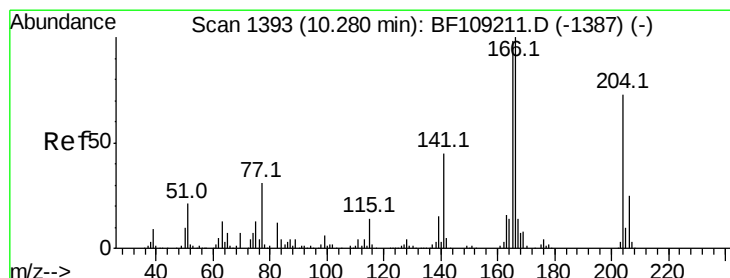
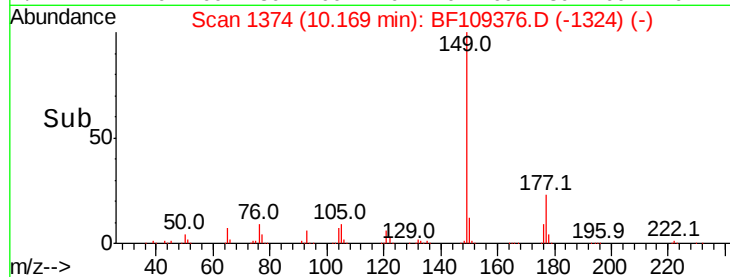
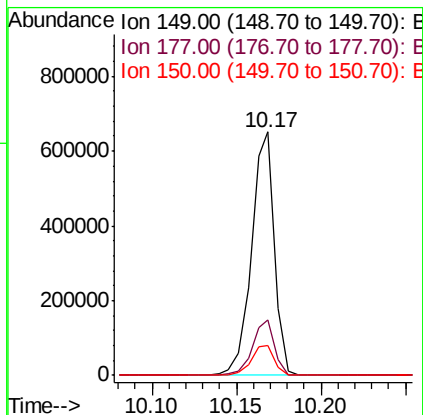
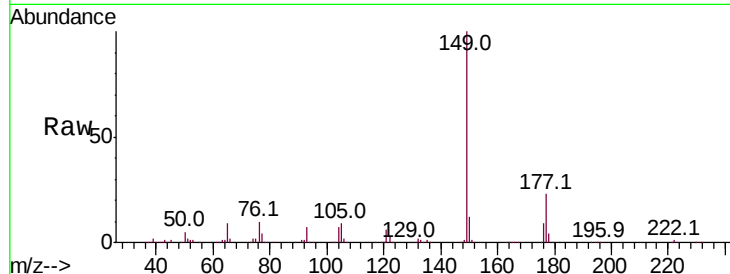
#59
Diethylphthalate
Concen: 44.513 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	615499		
177	22.6	16.1	24.1	
150	12.4	10.1	15.1	

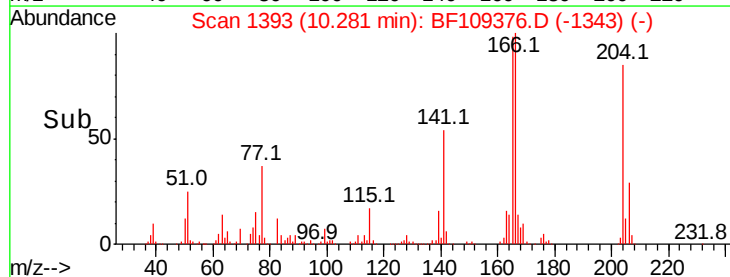
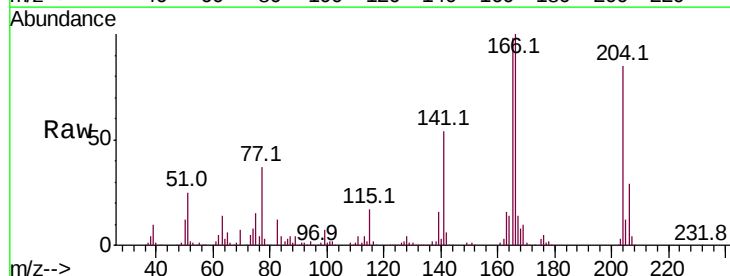
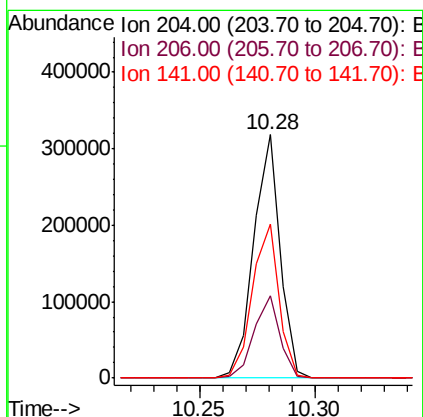
Manual Integrations
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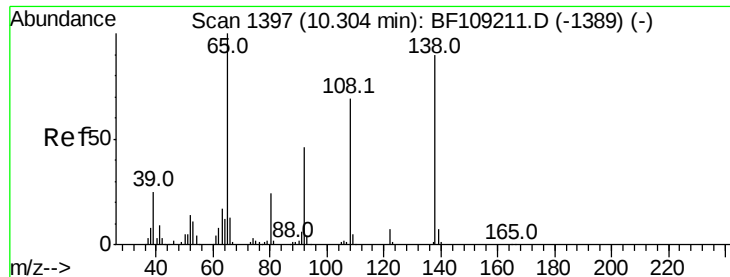
Sohil
9/27/2018 1:31:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.332 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	255307		
206	33.9	26.5	39.7	
141	63.5	54.6	81.8	





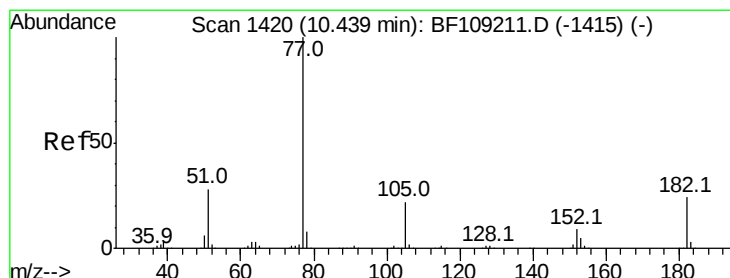
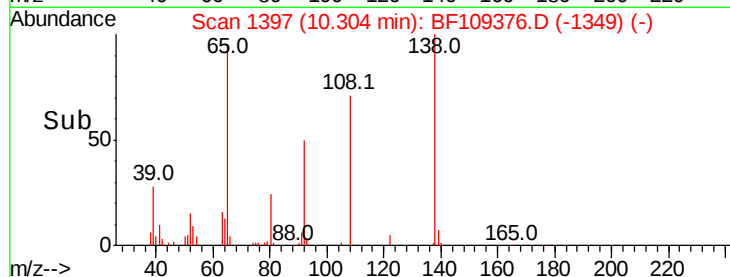
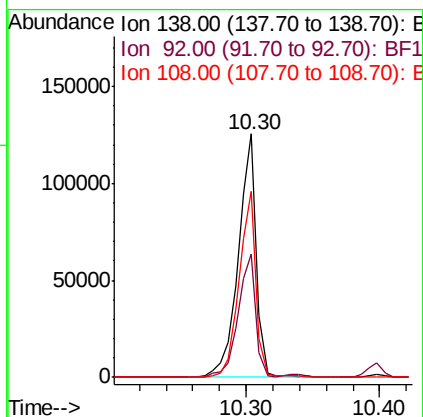
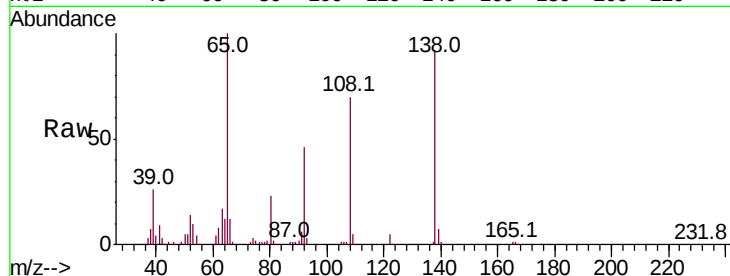
#61
4-Nitroaniline
Concen: 38.703 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	76.5	52.5	92.5

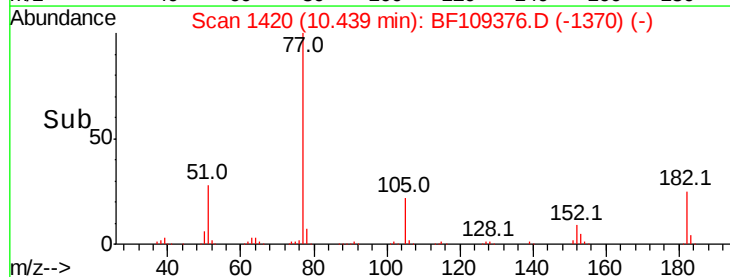
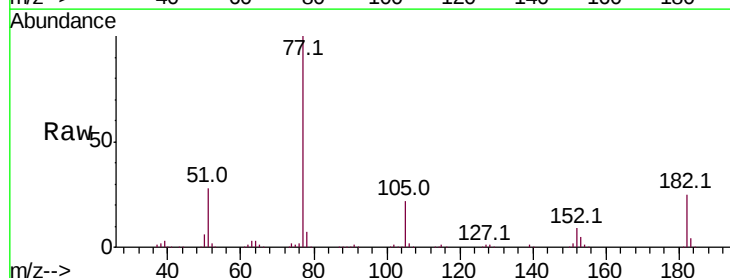
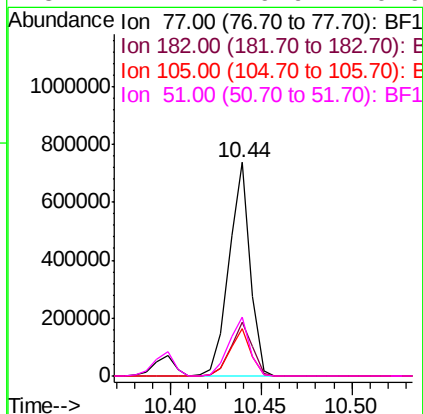
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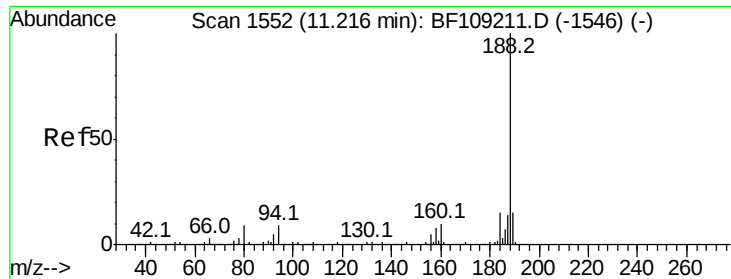
Sohil
9/27/2018 1:31:46 PM



#62
Azobenzene
Concen: 41.593 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	1.7	41.7
105	22.1	3.0	43.0
51	27.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

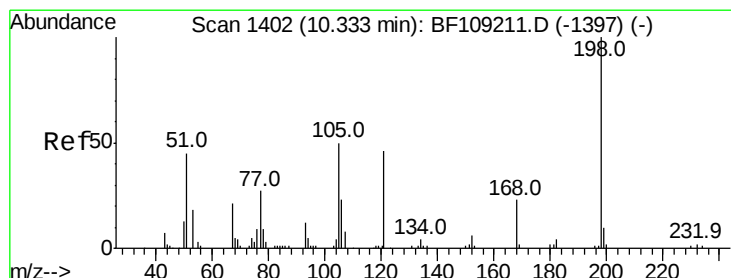
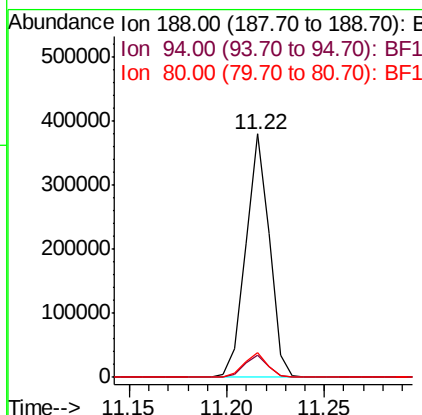
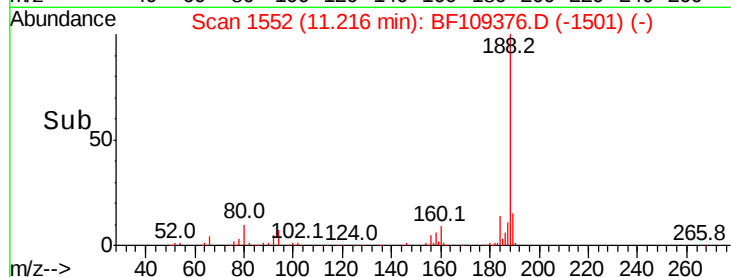
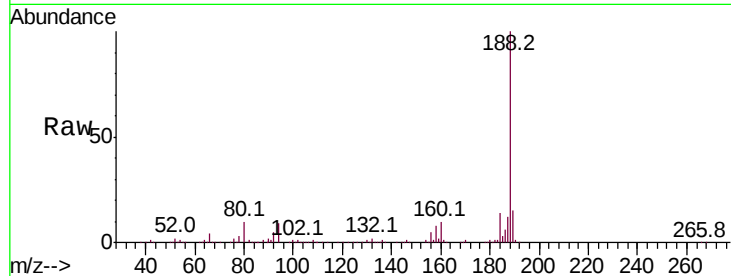
ClientSampleId :

PB113192BSD

Tot Ion	188	Resp	318698
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	10.0	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 36.804 ng

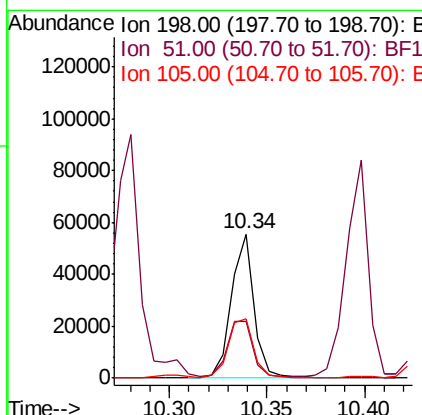
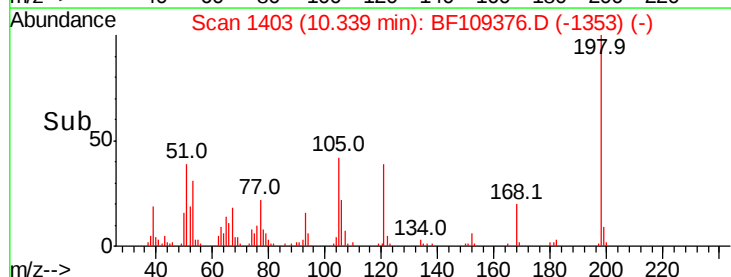
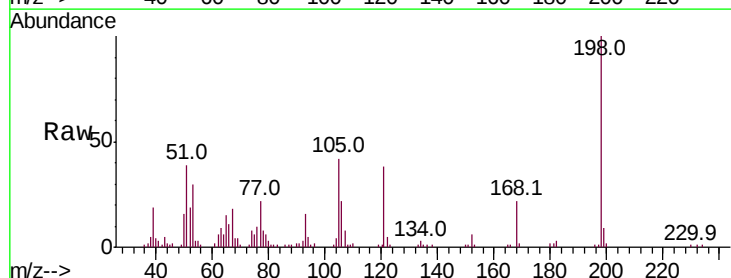
RT: 10.34 min Scan# 1403

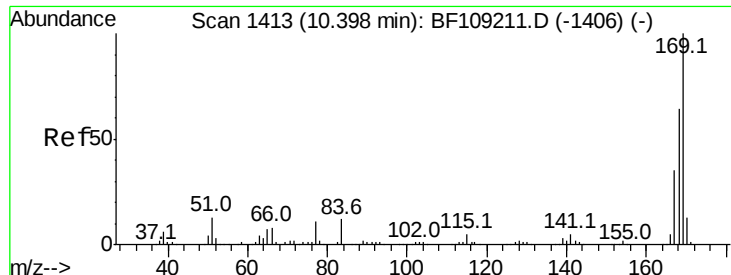
Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion	198	Resp	44701
Ion Ratio	Lower	Upper	
198	100		
51	39.2	37.7	77.7
105	41.5	36.3	76.3





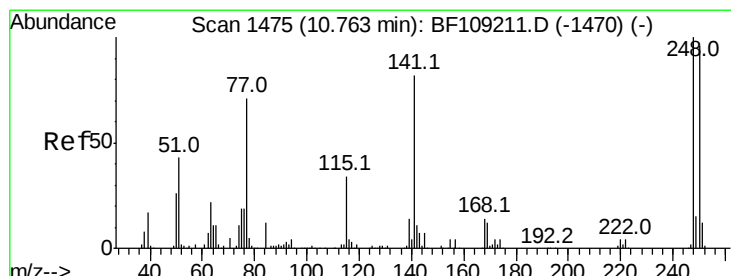
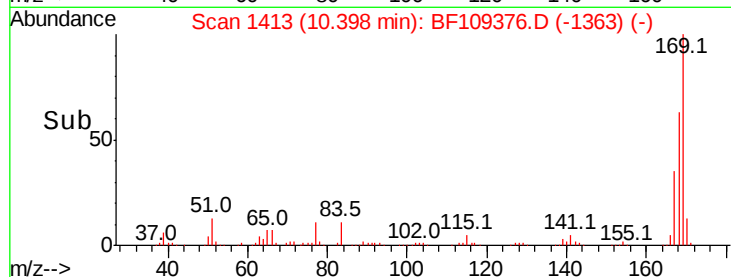
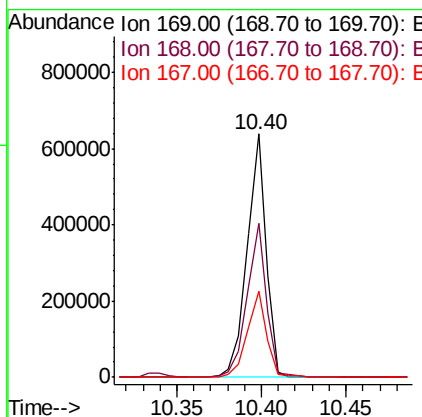
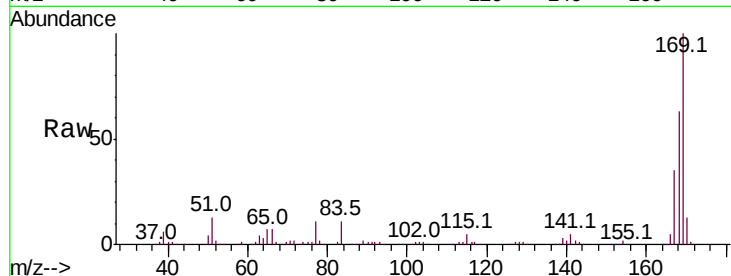
#65
n-Nitrosodiphenylamine
Concen: 48.064 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.5	54.4	81.6	
167	35.3	29.8	44.6	

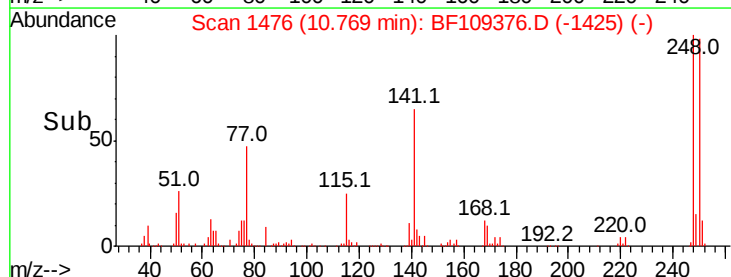
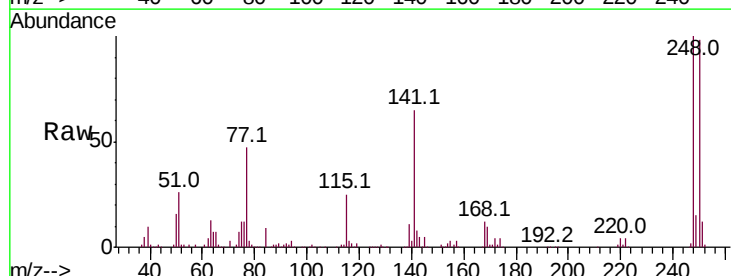
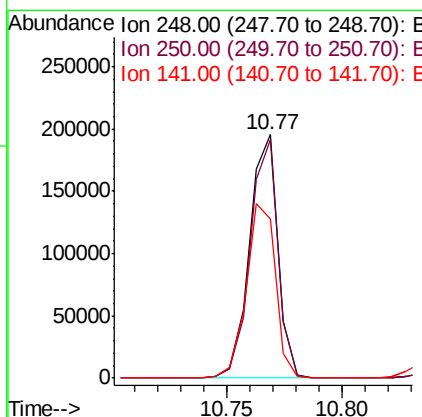
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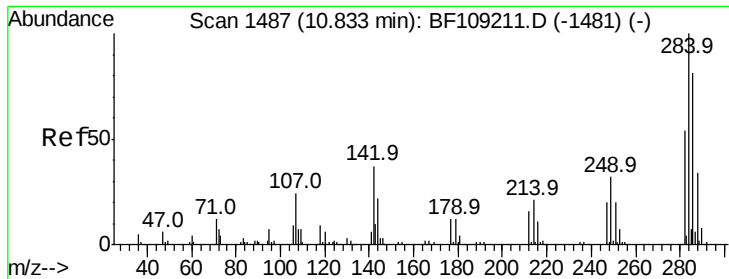
Sohil
9/27/2018 1:31:46 PM



#66
4-Bromophenyl-phenylether
Concen: 47.313 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.1	76.9	115.3	
141	65.4	74.4	111.6#	





#67

Hexachlorobenzene

Concen: 45.257 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

ClientSampleId :

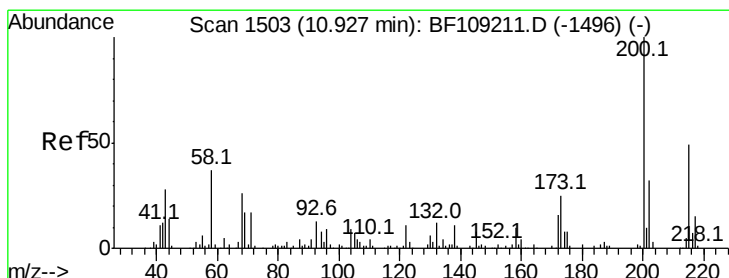
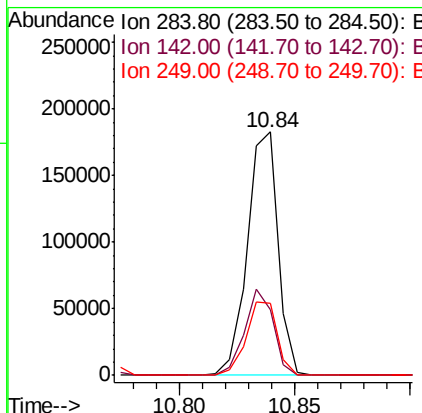
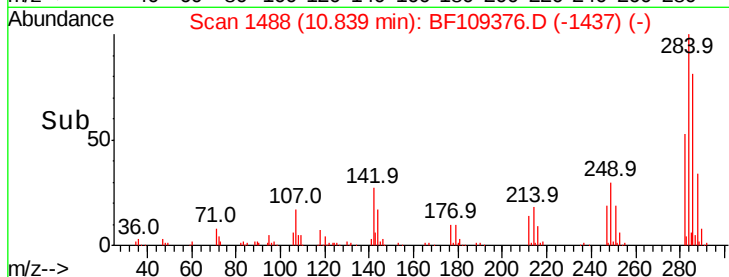
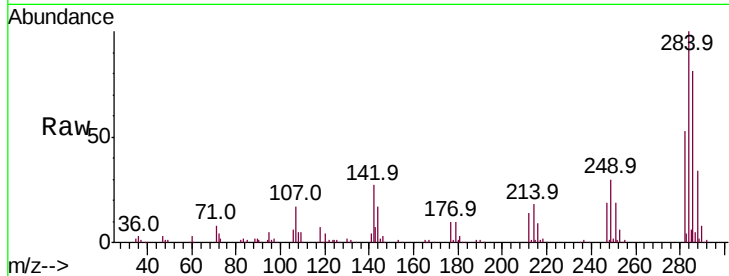
PB113192BSD

Tot Ion:	284	Resp:	170103
Ion Ratio	Lower	Upper	
284	100		
142	27.1	34.6	52.0#
249	29.7	24.8	37.2

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#68

Atrazine

Concen: 50.247 ng

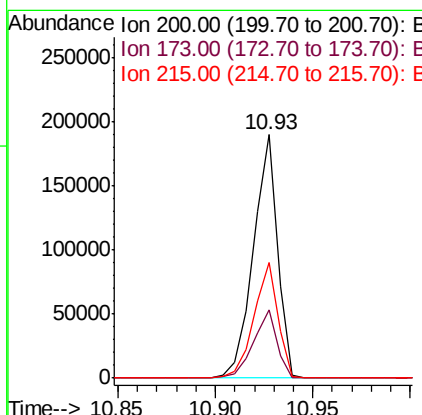
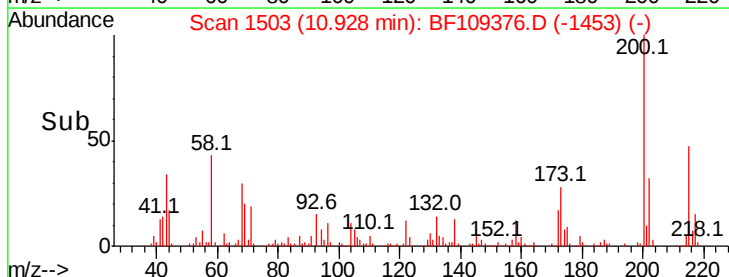
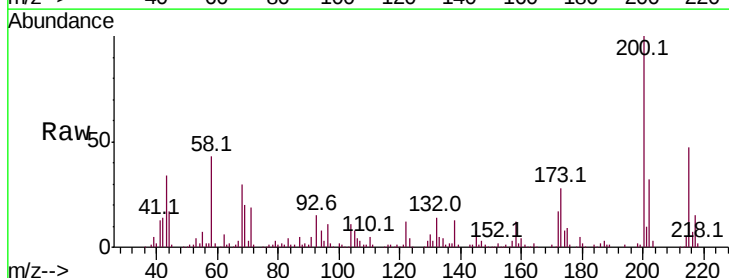
RT: 10.93 min Scan# 1503

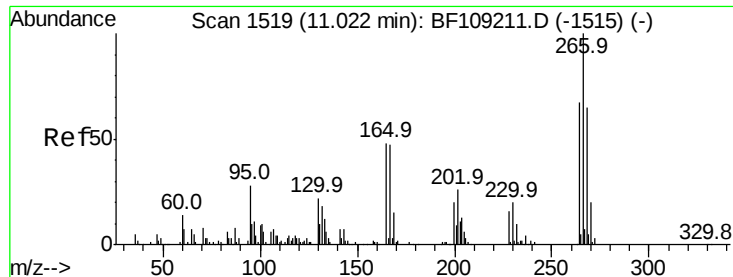
Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion:	200	Resp:	162721
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.6	48.6
215	47.4	25.1	65.1





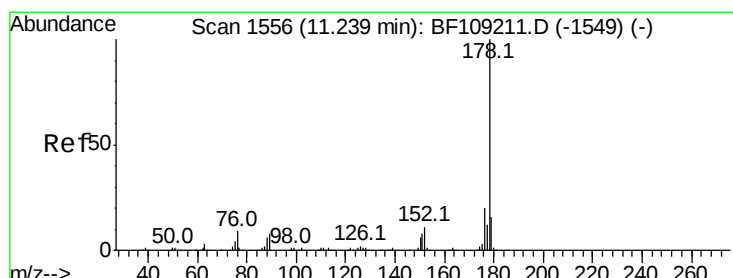
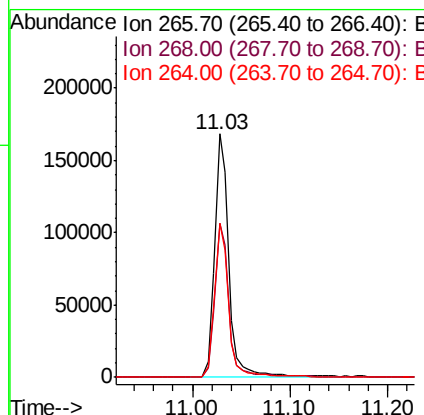
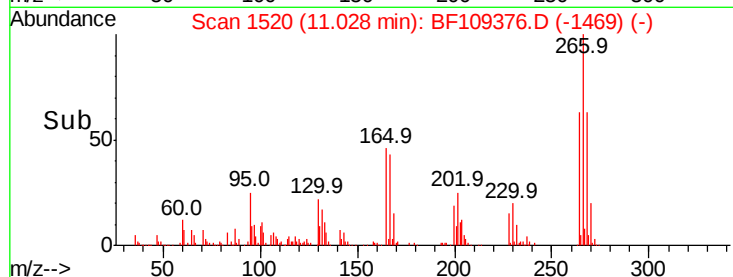
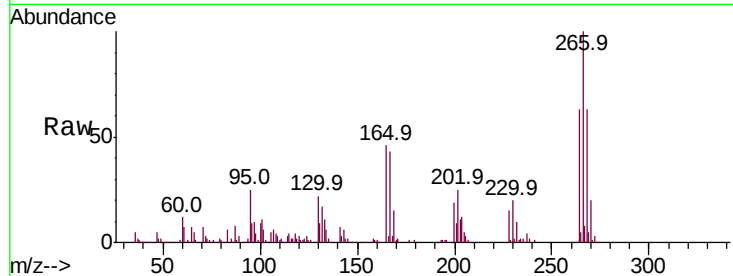
#69
 Pentachlorophenol
 Concen: 76.405 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	171881		
268	63.2	51.1	76.7	
264	63.3	49.5	74.3	

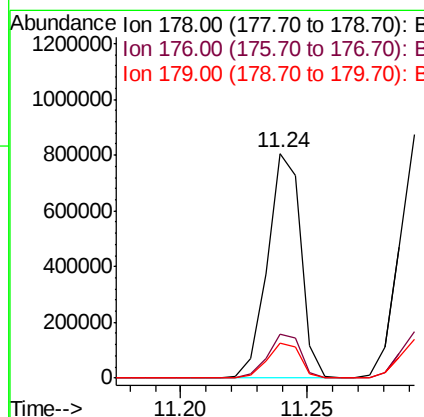
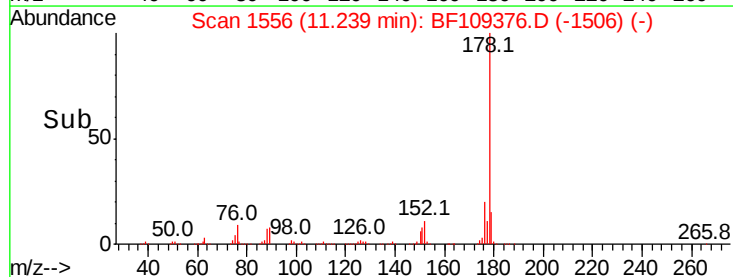
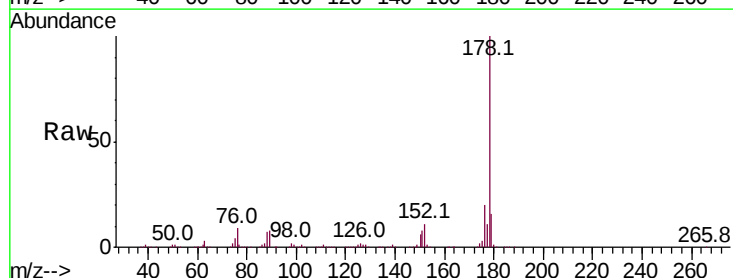
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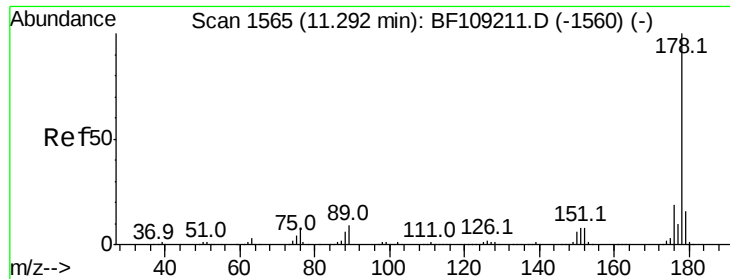
Sohil
 9/27/2018 1:31:46 PM



#70
 Phenanthrene
 Concen: 46.778 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	744355		
176	19.6	15.8	23.8	
179	15.8	13.0	19.6	





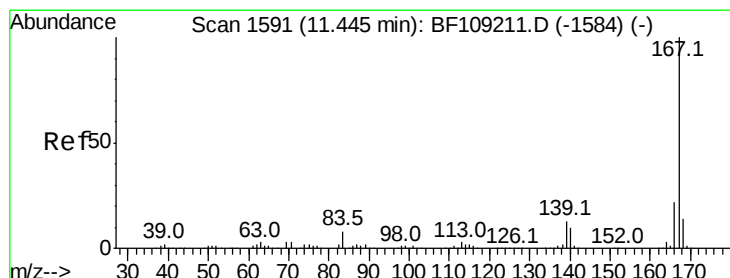
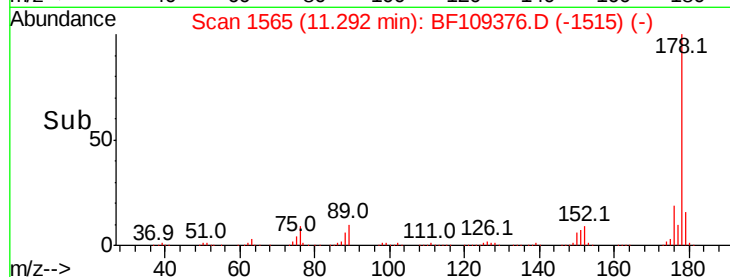
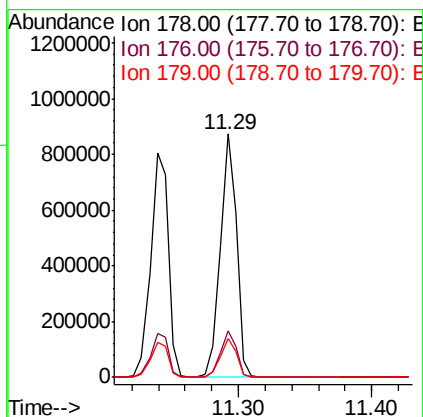
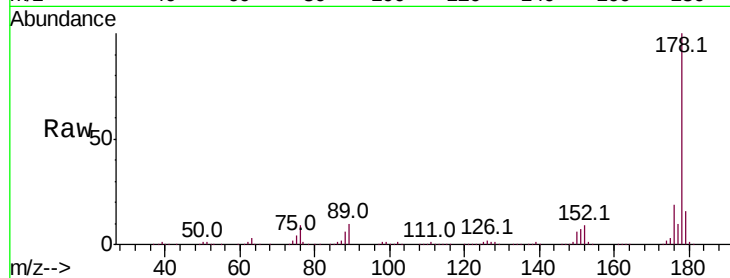
#71
 Anthracene
 Concen: 46.793 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	755214		
176	19.3		15.4	23.2
179	16.1		12.6	19.0

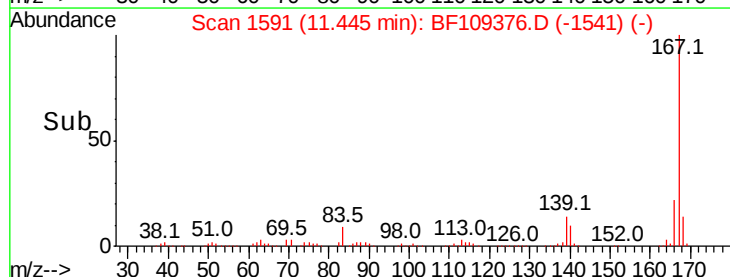
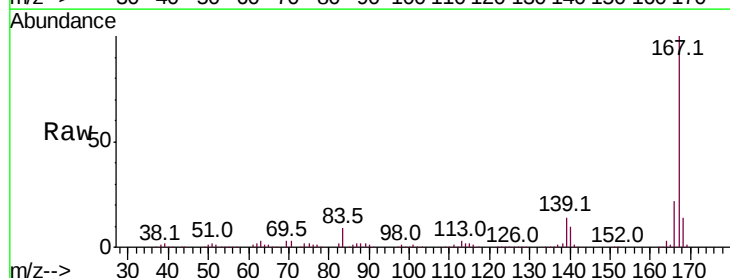
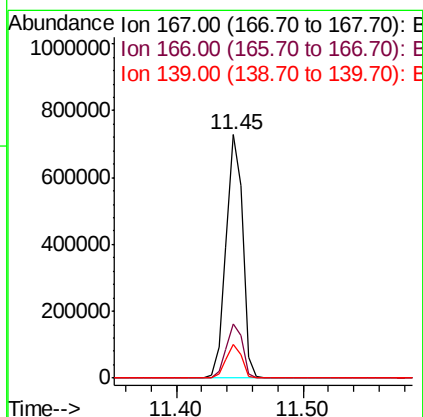
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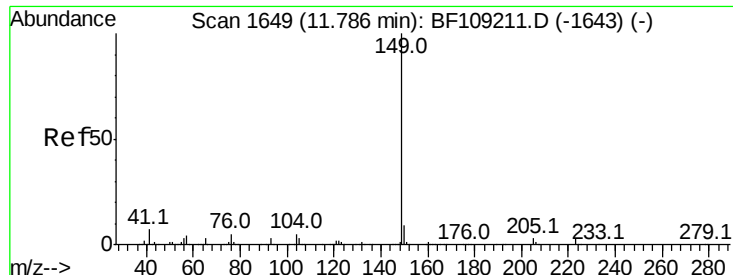
Sohil
 9/27/2018 1:31:46 PM



#72
 Carbazole
 Concen: 41.202 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	661627		
166	22.3		17.6	26.4
139	13.7		10.9	16.3





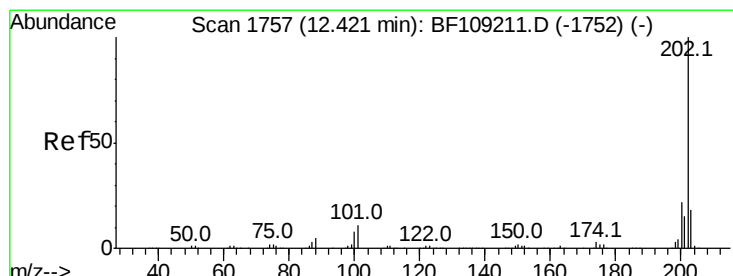
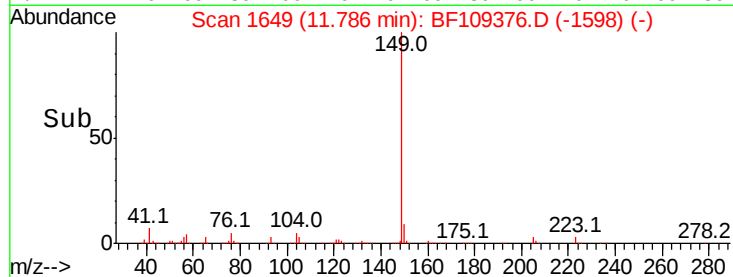
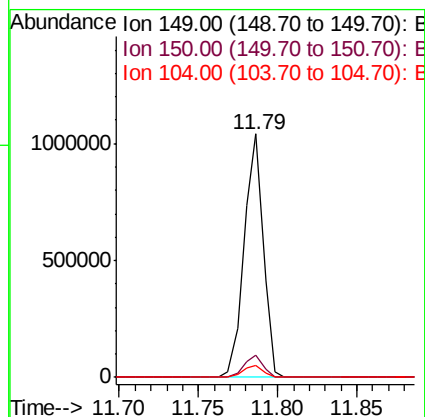
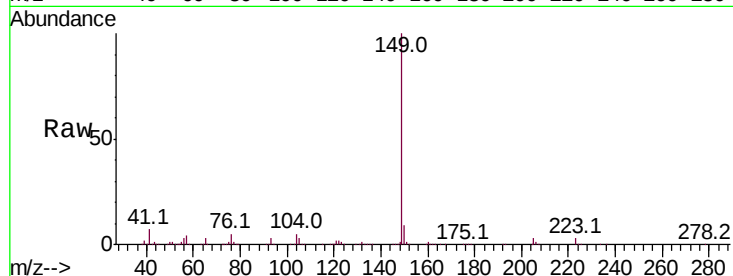
#73
Di-n-butylphthalate
Concen: 46.757 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampled :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.8	11.6	
104	5.1	3.8	5.8	

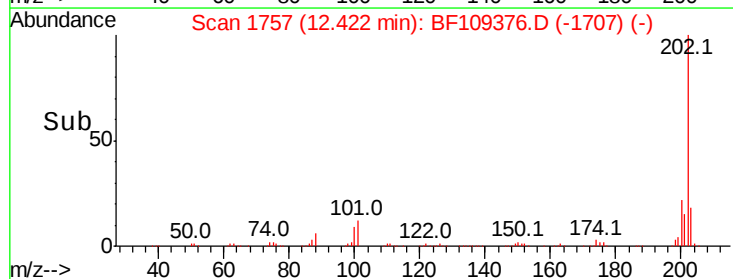
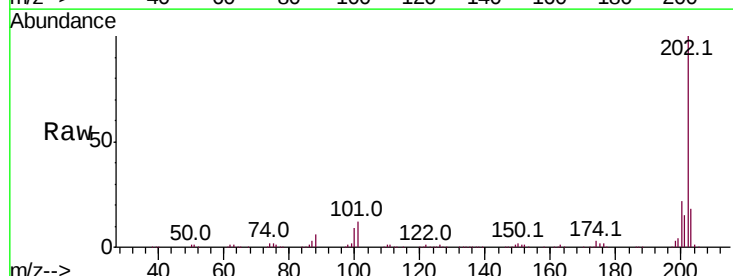
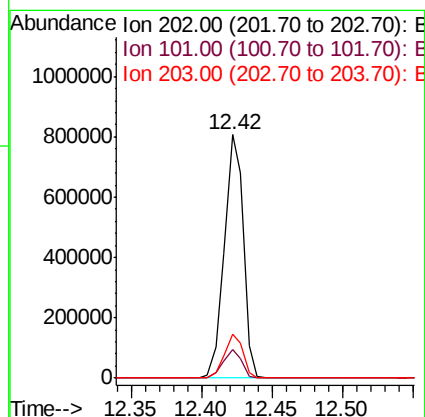
Manual Integrations
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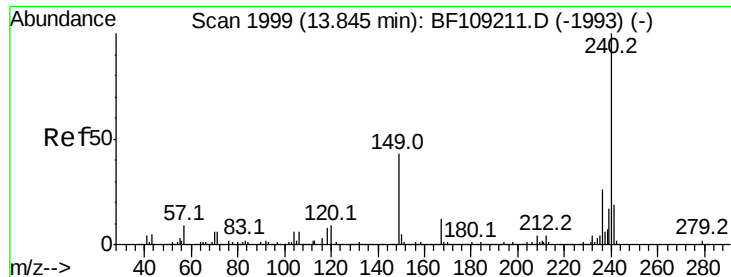
Sohil
9/27/2018 1:31:46 PM



#74
Fluoranthene
Concen: 44.270 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.8	0.0	34.1	
203	18.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

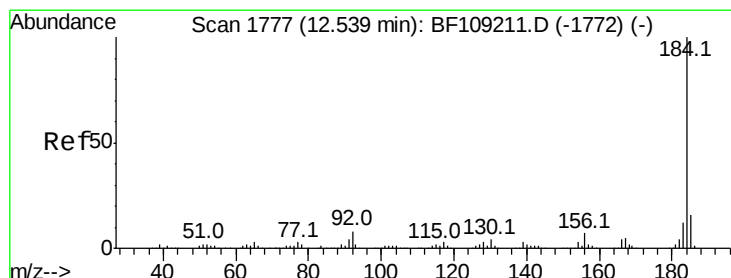
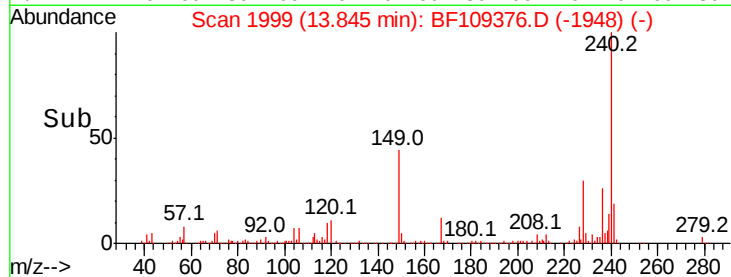
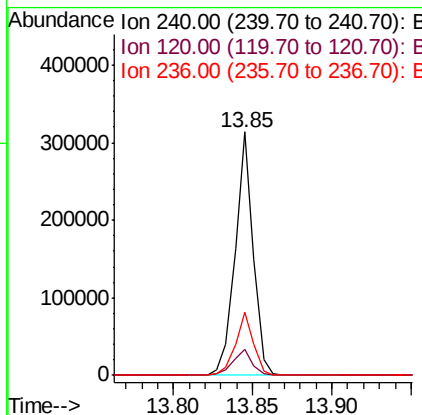
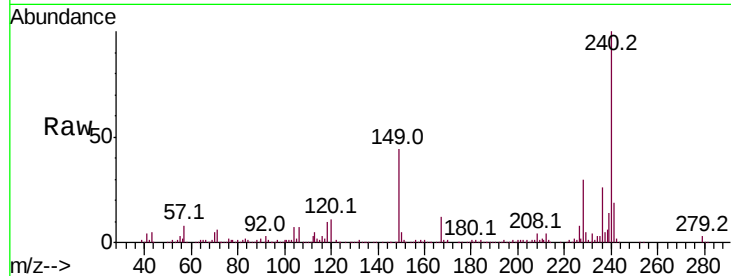
ClientSampleId :

PB113192BSD

Tot Ion:	240	Resp:	247313
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 32.774 ng

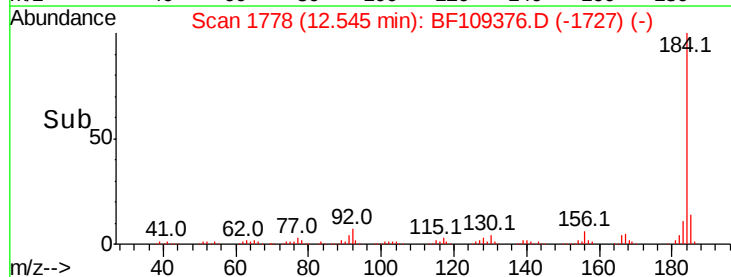
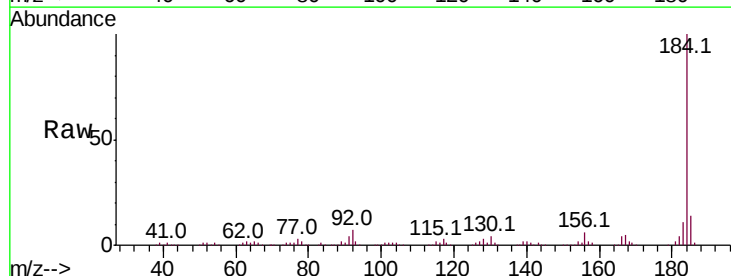
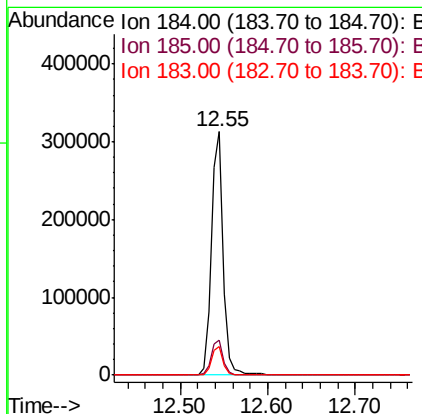
RT: 12.55 min Scan# 1778

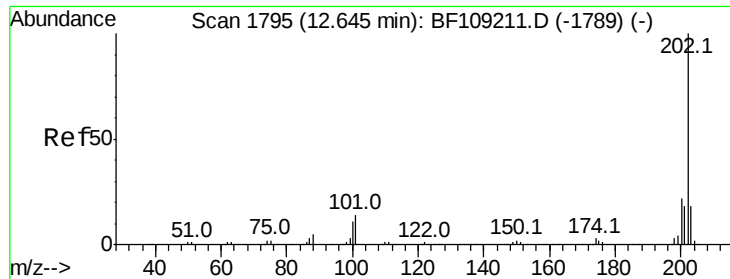
Delta R.T. 0.00 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion:	184	Resp:	292237
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.5	9.3	13.9





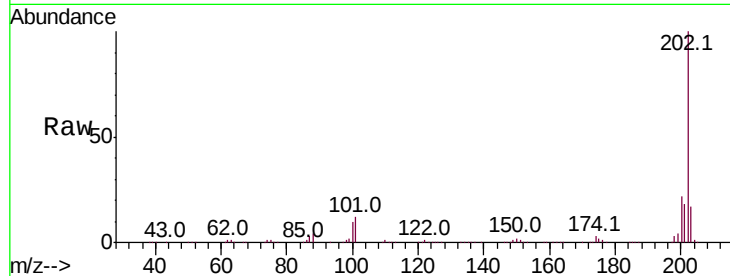
#77
Pvrene
Concen: 42.855 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.3	14.3	21.5

Manual Integrations
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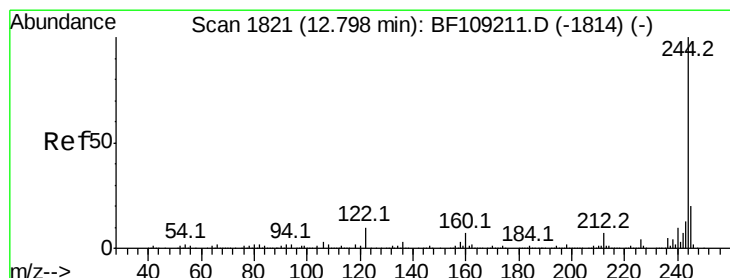
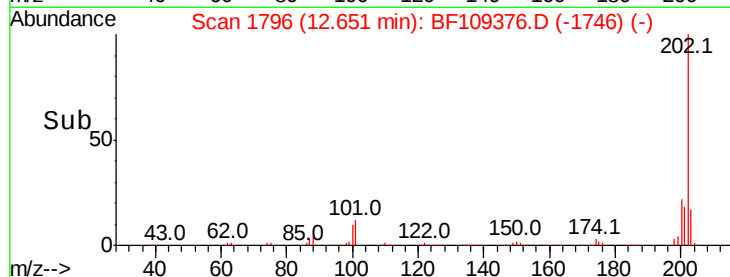
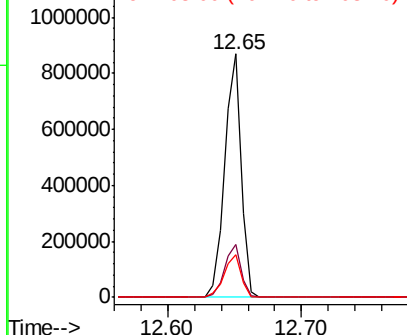


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 99.430 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

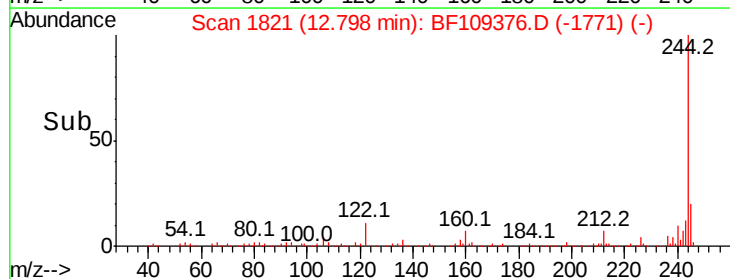
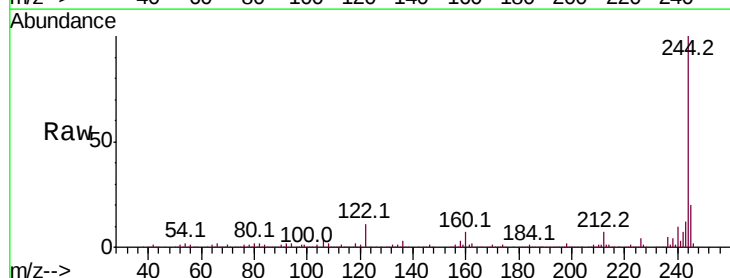
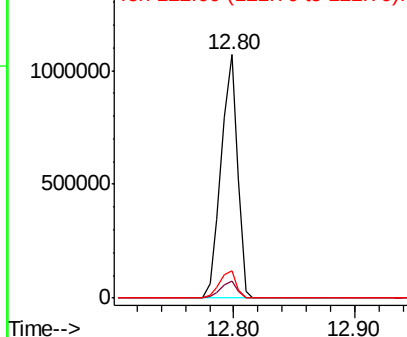
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.3	11.0	16.4

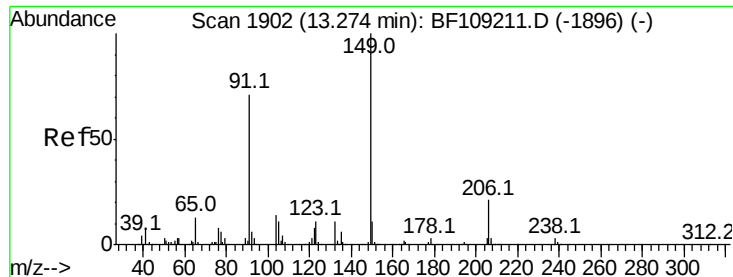
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





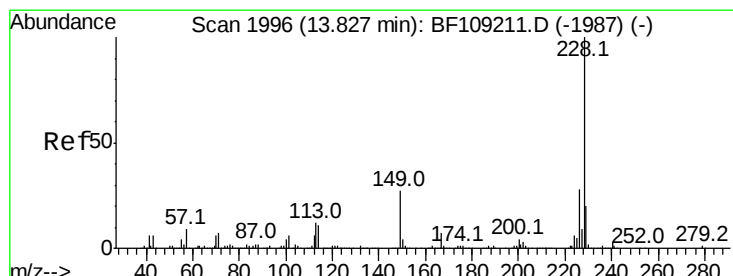
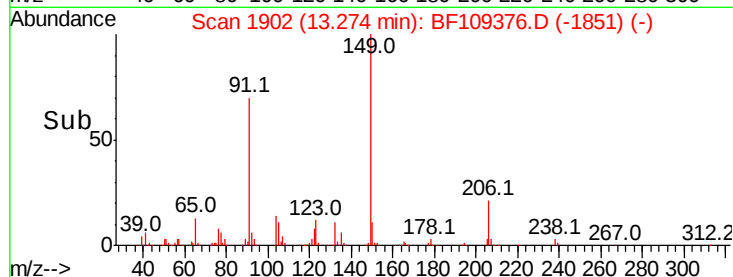
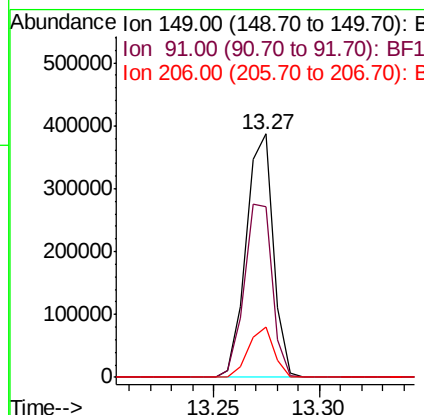
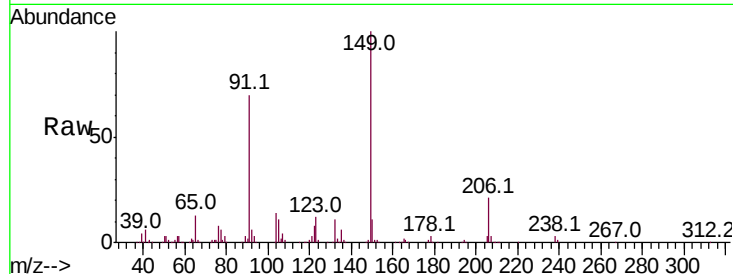
#79
Butylbenzylphthalate
Concen: 45.528 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.1	56.8	85.2	
206	20.6	14.1	21.1	

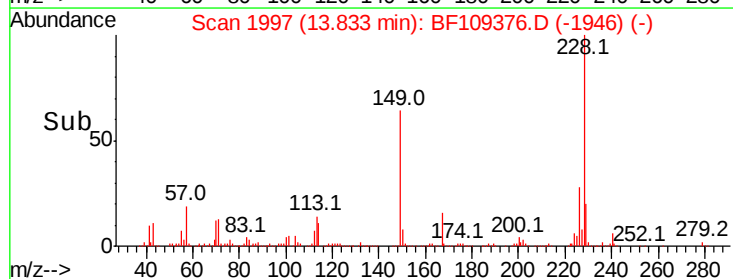
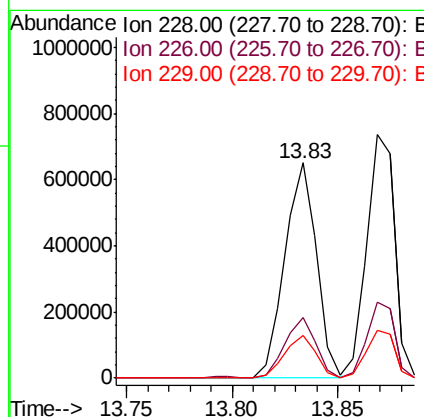
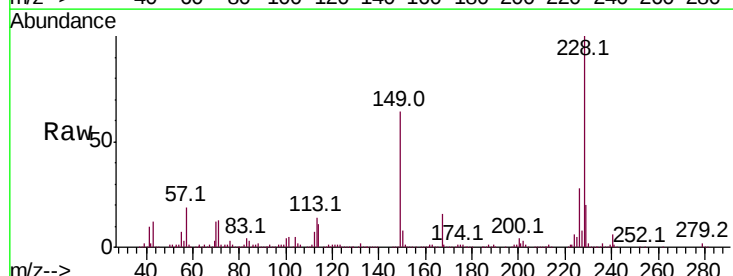
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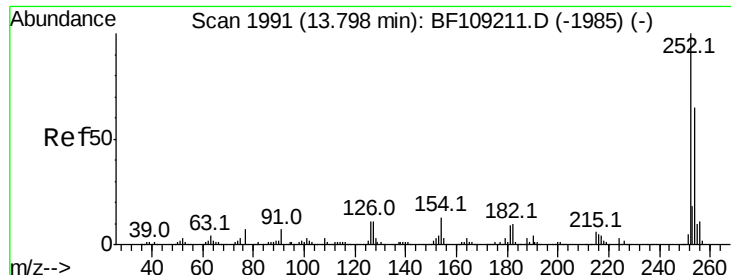
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#80
Benzo(a)anthracene
Concen: 45.794 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.9	22.6	33.8	
229	19.7	15.8	23.6	





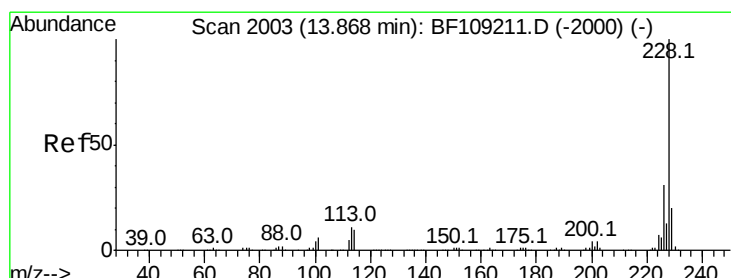
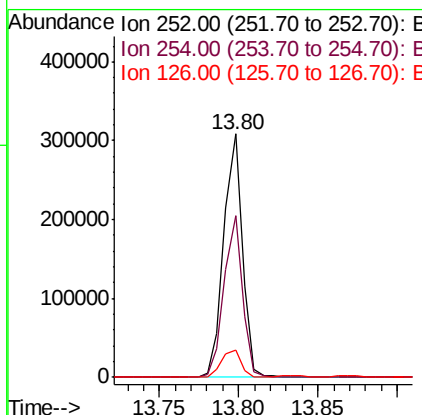
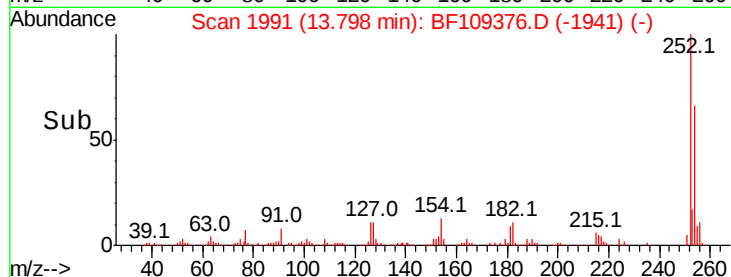
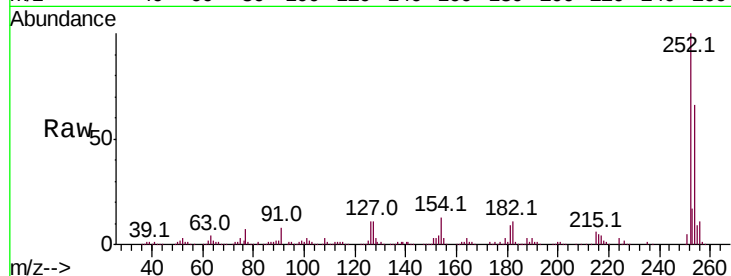
#81
 3,3'-Dichlorobenzidine
 Concen: 44.688 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.5	50.4	75.6
126	11.2	11.3	16.9

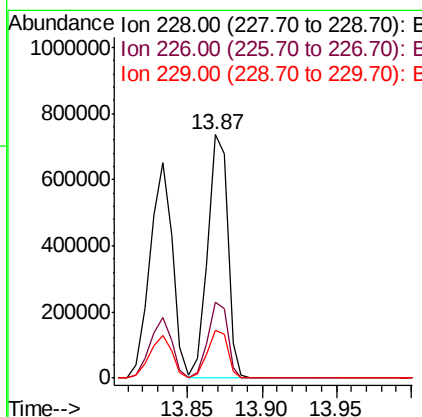
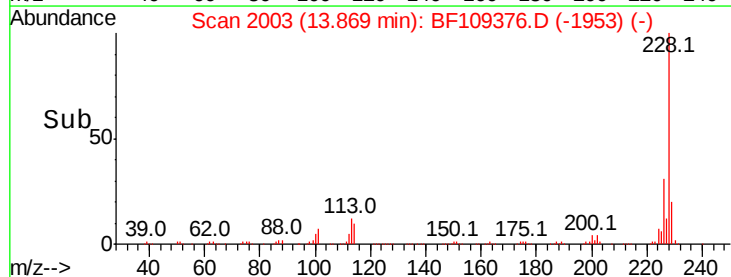
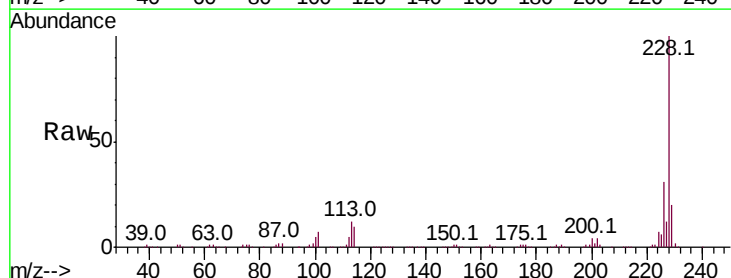
Manual Integrations
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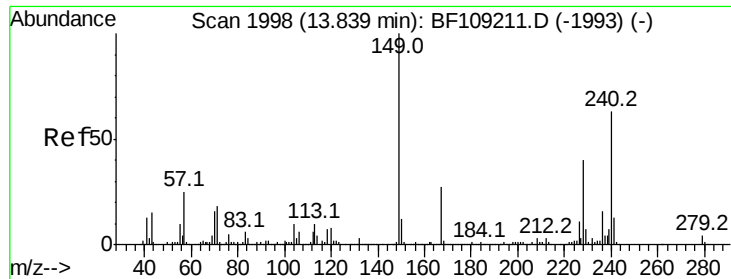
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#82
 Chrysene
 Concen: 46.304 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.8	16.2	24.4





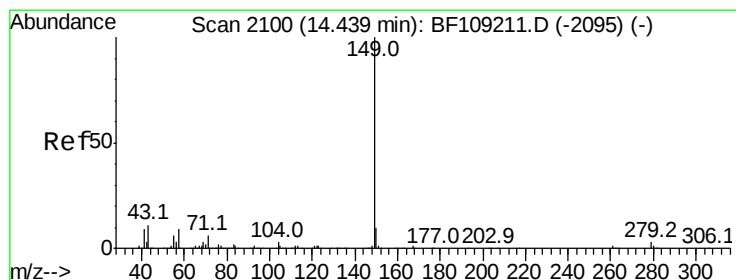
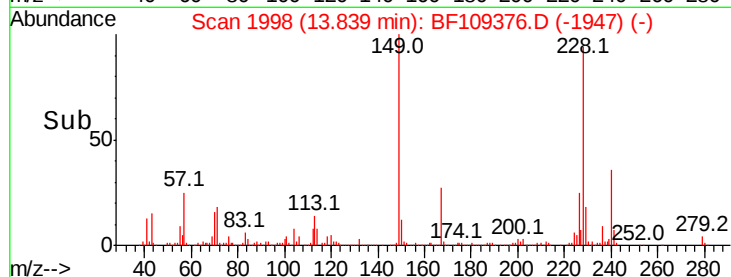
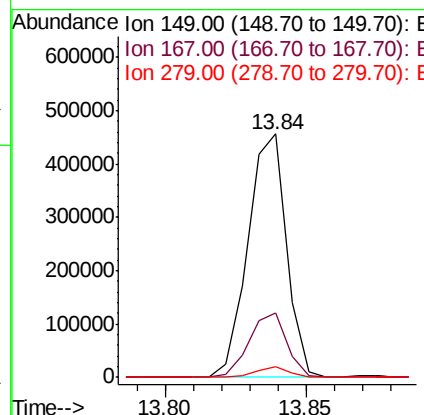
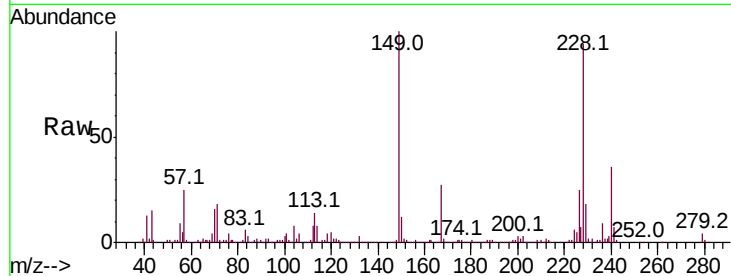
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.473 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	432455		
167	26.6	21.3	31.9	
279	4.2	3.0	4.4	

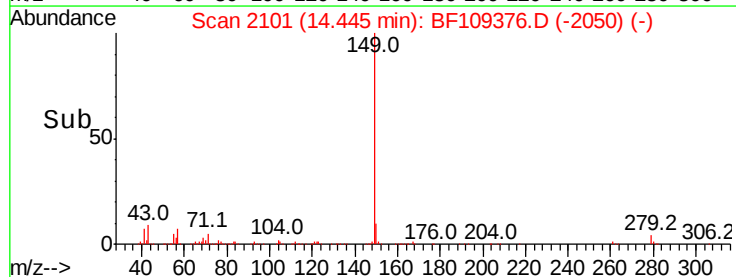
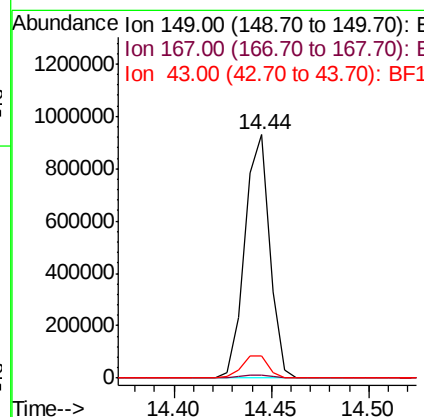
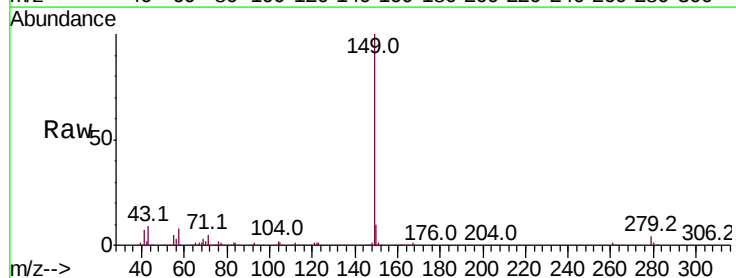
Manual Integrations
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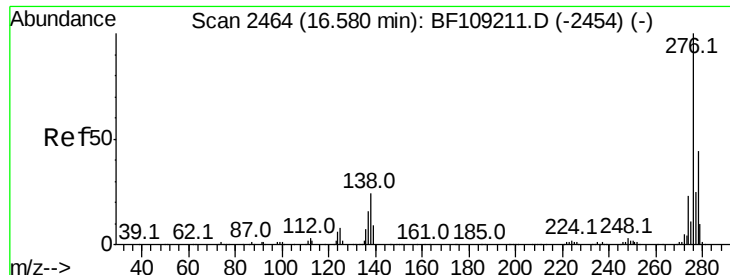
Sohil
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#84
Di-n-octyl phthalate
Concen: 50.718 ng
RT: 14.44 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	824703		
167	1.5	1.2	1.8	
43	9.5	8.4	12.6	





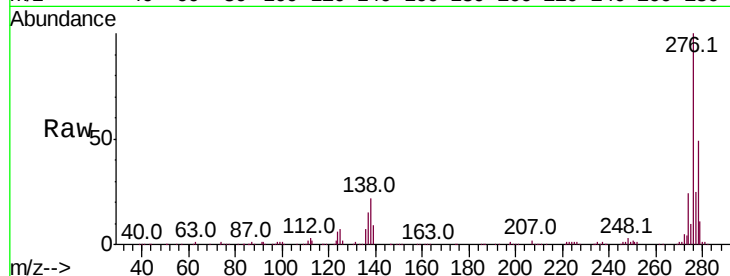
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.757 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	25.5	20.1	30.1

Manual Integrations
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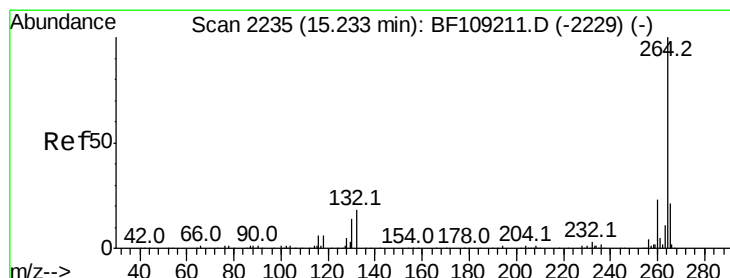
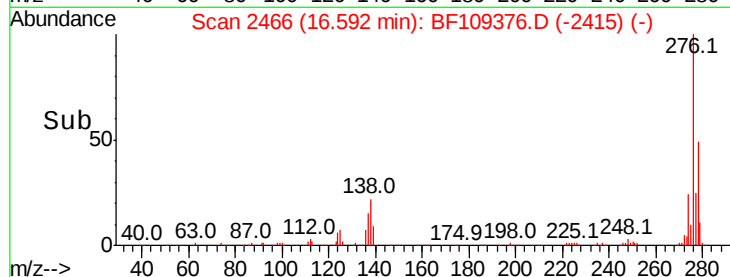
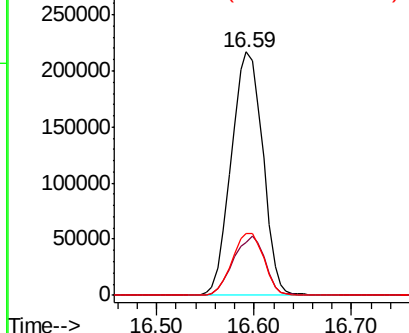


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

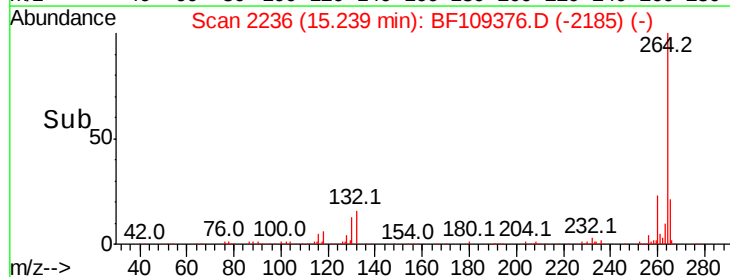
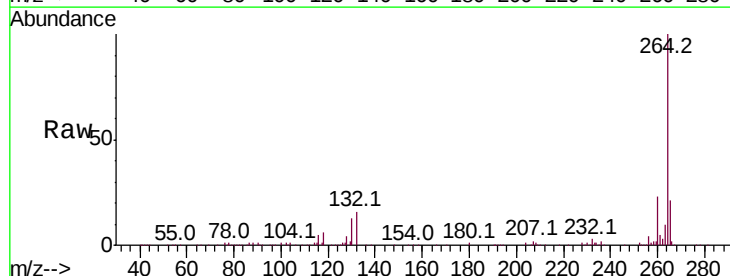
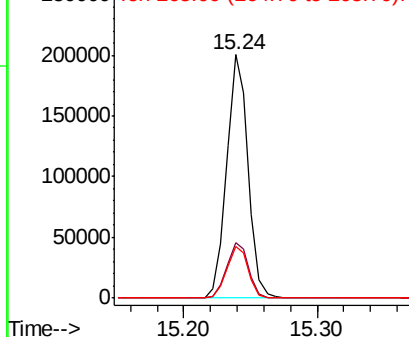
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.1	17.5	26.3

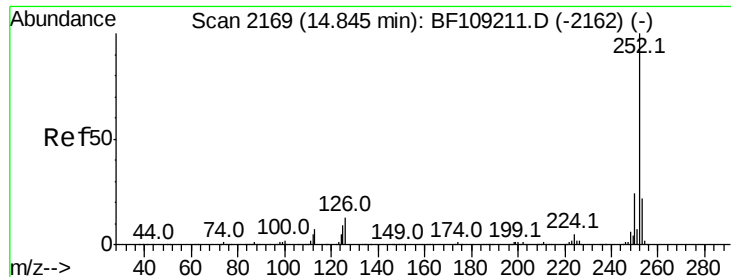
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.085 ng/mL

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Instrument :

BNA_F

ClientSampleId :

PB113192BSD

Tot Ion:252 Resp: 645319

Ion Ratio Lower Upper

252 100

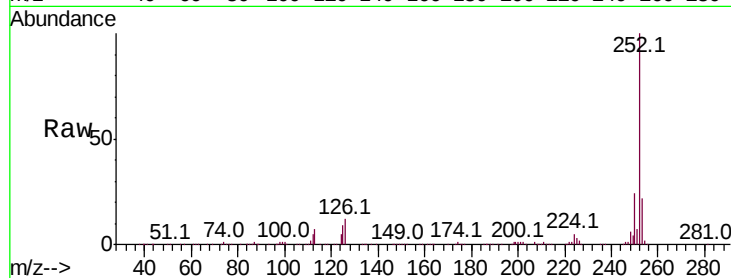
253 22.2 17.0 25.6

125 9.0 9.0 13.6

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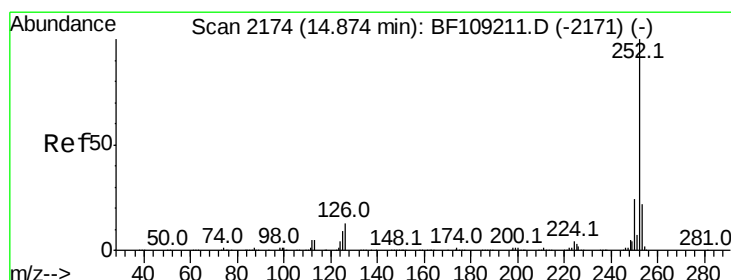
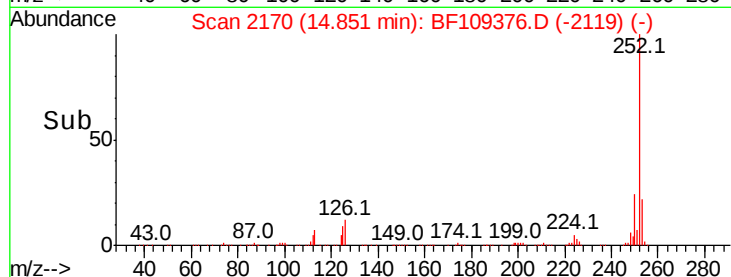
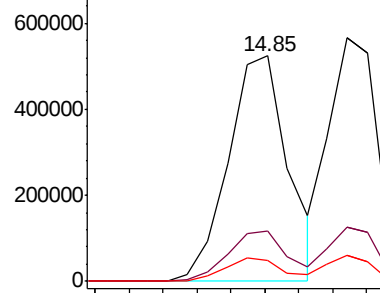
9/27/2018 1:31:46 PM



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



#88

Benzo(k)fluoranthene

Concen: 48.208 ng/mL

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF109376.D

Acq: 27 Sep 2018 9:19

Tgt Ion:252 Resp: 566774

Ion Ratio Lower Upper

252 100

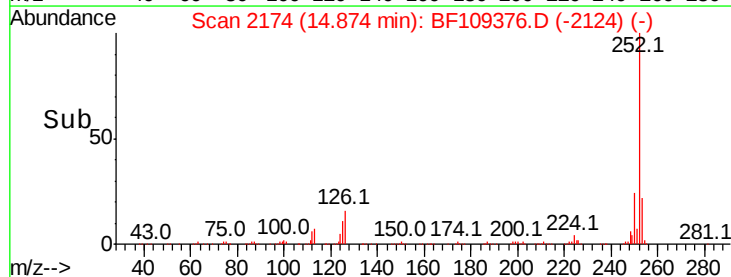
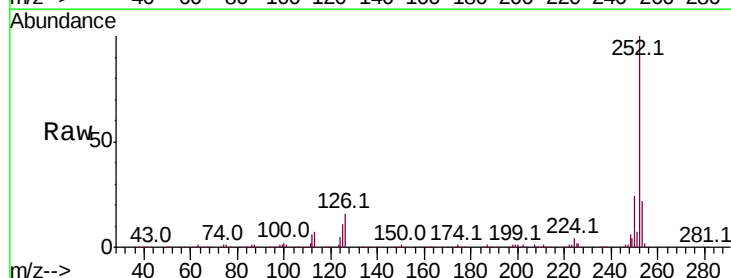
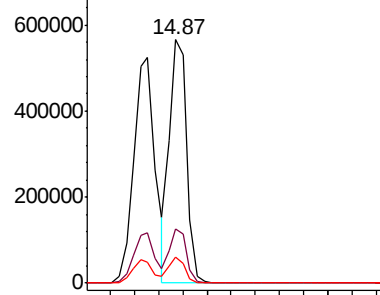
253 22.1 17.9 26.9

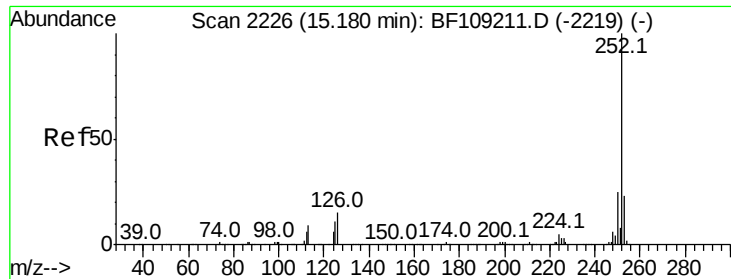
125 10.9 10.2 15.2

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





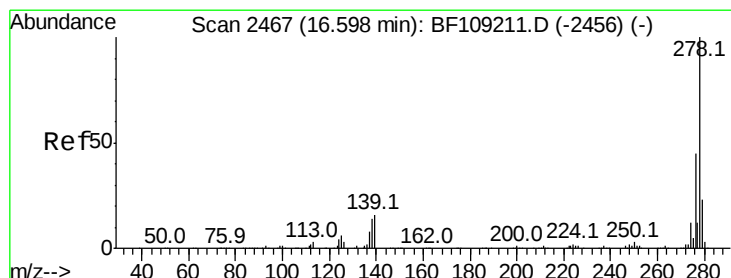
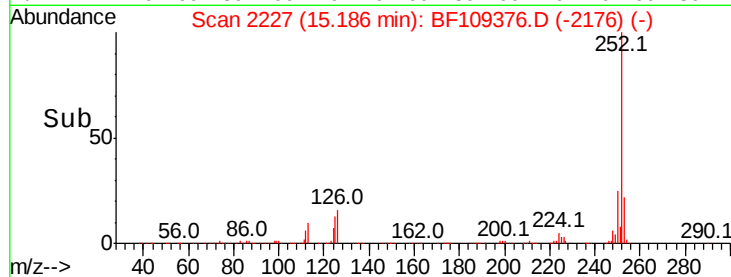
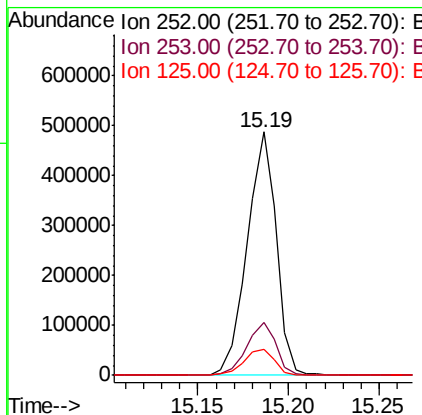
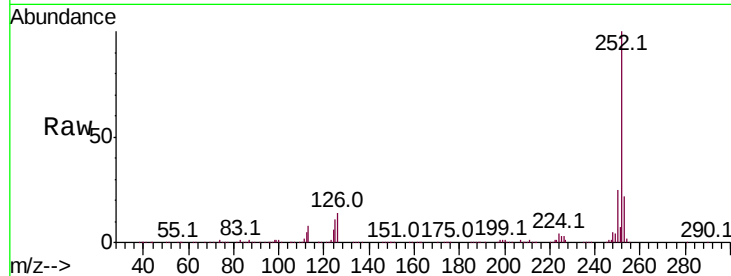
#89
Benzo(a)pyrene
Concen: 48.765 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Instrument :
BNA_F
ClientSampleId :
PB113192BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.6	9.8	14.6

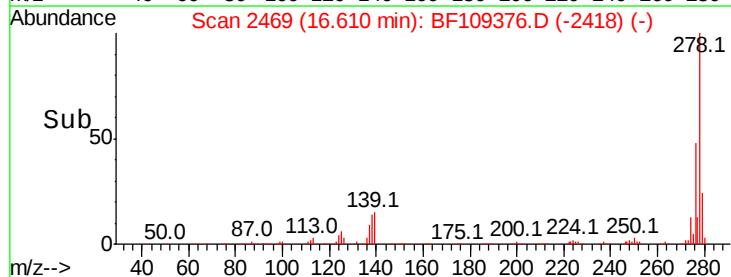
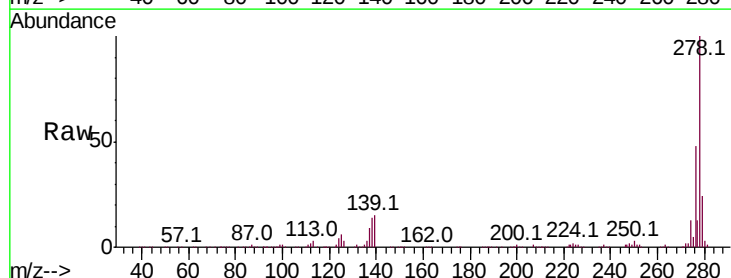
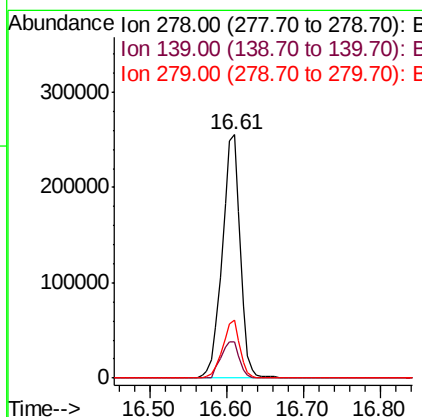
Manual Integrations
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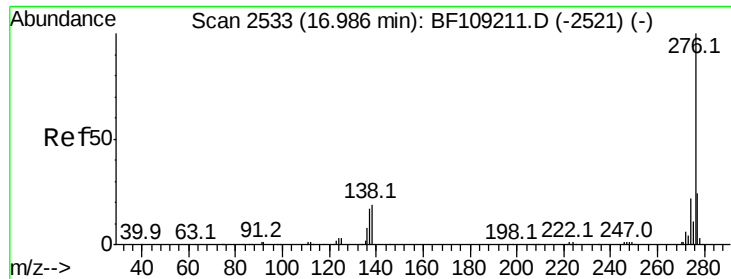
Sohil
9/27/2018 1:31:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.197 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF109376.D
Acq: 27 Sep 2018 9:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.9	23.9#
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.517 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109376.D
 Acq: 27 Sep 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 PB113192BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	20.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:31:46 PM

