

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108079.D
 Acq On : 10 Aug 2018 13:07
 Operator : JU/SJ
 Sample : PB111926BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Manual Integrations
 APPROVED

Sohil
 8/13/2018 3:51:40 PM

Quant Time: Aug 10 15:48:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	230269	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	904879	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	461499	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	926809	20.00	ng	0.00
75) Chrysene-d12	14.22	240	661907	20.00	ng	0.00
86) Perylene-d12	15.78	264	574957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1649303	129.67	ng	0.02
7) Phenol-d6	6.64	99	2197418	130.01	ng	0.00
23) Nitrobenzene-d5	7.58	82	1453753	89.65	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	653737	142.01	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2669766	92.88	ng	0.00
78) Terphenyl-d14	13.15	244	2935279	112.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	279866	42.823	ng	89
3) Pyridine	3.74	79	758737	45.069	ng	86
4) n-Nitrosodimethylamine	3.69	42	418514	44.179	ng	82
6) Aniline	6.68	93	801344	34.856	ng	97
8) 2-Chlorophenol	6.81	128	691340	48.262	ng	99
9) Benzaldehyde	6.57	77	337396	25.747	ng	98
10) Phenol	6.65	94	829600	47.452	ng	86
11) bis(2-Chloroethyl)ether	6.75	93	672138	47.554	ng	90
12) 1,3-Dichlorobenzene	6.96	146	780084	47.097	ng	99
13) 1,4-Dichlorobenzene	7.04	146	789679	47.453	ng	98
14) 1,2-Dichlorobenzene	7.19	146	729219	47.109	ng	98
15) Benzyl Alcohol	7.15	79	675538	47.478	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1342338	46.101	ng	96
17) 2-Methylphenol	7.25	107	589283	47.970	ng	95
18) Hexachloroethane	7.53	117	287877	48.590	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	529625	46.339	ng	# 89
20) 3+4-Methylphenols	7.41	107	757573	48.124	ng	97
22) Acetophenone	7.42	105	979562	46.297	ng	# 92
24) Nitrobenzene	7.60	77	779309	47.525	ng	93
25) Isophorone	7.84	82	1418798	45.903	ng	99
26) 2-Nitrophenol	7.91	139	340833	55.039	ng	90
27) 2,4-Dimethylphenol	7.94	122	651481	47.491	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	857613	47.530	ng	99
29) 2,4-Dichlorophenol	8.15	162	621030	49.193	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	659309	47.369	ng	98
31) Naphthalene	8.32	128	1937350	47.078	ng	97
32) Benzoic acid	8.05	122	239216	32.285	ng	92
33) 4-Chloroaniline	8.37	127	516699	28.811	ng	98
34) Hexachlorobutadiene	8.43	225	424434	48.169	ng	97
35) Caprolactam	8.75	113	212223m	53.644	ng	
36) 4-Chloro-3-methylphenol	8.84	107	644727	47.341	ng	98
37) 2-Methylnaphthalene	9.01	142	1380395	47.411	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	671082	47.352	ng	99
40) Hexachlorocyclopentadiene	9.17	237	882505	96.407	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	461780	52.508	ng	99
43) 2,4,5-Trichlorophenol	9.33	196	494504	51.079	ng	95
45) 1,1'-Biphenyl	9.48	154	1633313	48.001	ng	98
46) 2-Chloronaphthalene	9.51	162	1293802	48.109	ng	99
47) 2-Nitroaniline	9.60	65	451237	51.857	ng	87
48) Acenaphthylene	9.93	152	2051928	48.262	ng	97
49) Dimethylphthalate	9.78	163	1561506	48.574	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	348447	51.807	ng	90
51) Acenaphthene	10.10	154	1300021	49.922	ng	97
52) 3-Nitroaniline	10.01	138	283918	38.582	ng	89
53) 2,4-Dinitrophenol	10.12	184	181937	72.958	ng	# 22
54) Dibenzofuran	10.27	168	1776598	47.090	ng	94
55) 4-Nitrophenol	10.17	139	519909	93.298	ng	87
56) 2,4-Dinitrotoluene	10.25	165	461898	53.353	ng	# 91
57) Fluorene	10.62	166	1422289	47.623	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	409488	50.606	ng	# 86
59) Diethylphthalate	10.48	149	1540847	49.498	ng	# 94
60) 4-Chlorophenyl-phenylether	10.61	204	736564	47.330	ng	92
61) 4-Nitroaniline	10.64	138	365108	50.183	ng	92
62) Azobenzene	10.77	77	1528541	47.547	ng	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	146291	42.708	ng	90
65) n-Nitrosodiphenylamine	10.72	169	1323719	48.332	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	486089	48.262	ng	# 88
67) Hexachlorobenzene	11.17	284	509832	48.110	ng	# 85
68) Atrazine	11.25	200	447777	48.745	ng	96
69) Pentachlorophenol	11.36	266	481187	94.865	ng	99
70) Phenanthrene	11.59	178	2047856	46.846	ng	96
71) Anthracene	11.64	178	2115029	47.206	ng	95
72) Carbazole	11.80	167	1840021	46.223	ng	97
73) Di-n-butylphthalate	12.11	149	2287689	50.737	ng	# 96
74) Fluoranthene	12.78	202	2174861	45.586	ng	96
76) Benzidine	12.90	184	797942	32.266	ng	100
77) Pyrene	13.02	202	2171331	51.815	ng	96
79) Butylbenzylphthalate	13.62	149	952113	57.218	ng	# 96
80) Benzo(a)anthracene	14.21	228	1819810	47.907	ng	97
81) 3,3'-Dichlorobenzidine	14.17	252	512370	37.637	ng	# 95
82) Chrysene	14.25	228	1674769	48.090	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1279318	56.774	ng	97
84) Di-n-octyl phthalate	14.81	149	1973769	57.434	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.41	276	1748366	57.941	ng	# 92
87) Benzo(b)fluoranthene	15.31	252	1657336	48.240	ng	96
88) Benzo(k)fluoranthene	15.35	252	1470692	46.568	ng	# 96
89) Benzo(a)pyrene	15.72	252	1492653	48.518	ng	96
90) Dibenzo(a,h)anthracene	17.43	278	1457517	57.259	ng	# 95
91) Benzo(g,h,i)perylene	17.91	276	1482583	59.149	ng	# 91

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



#1

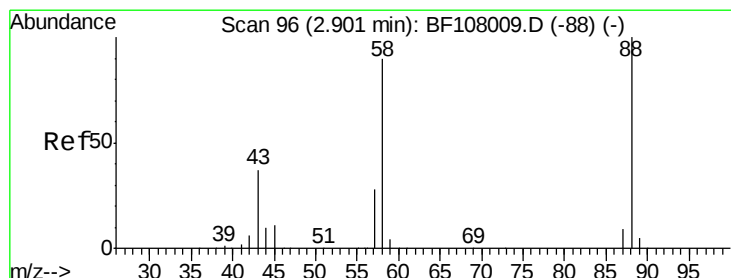
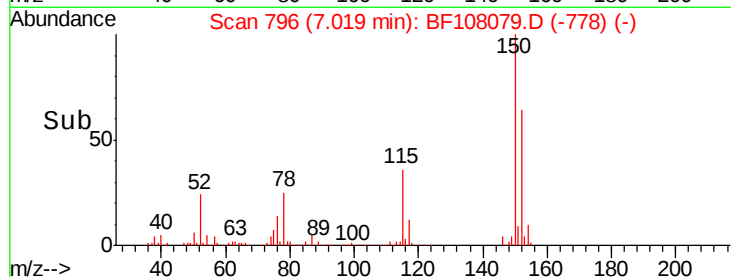
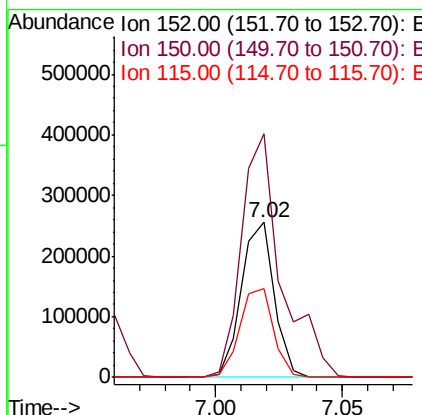
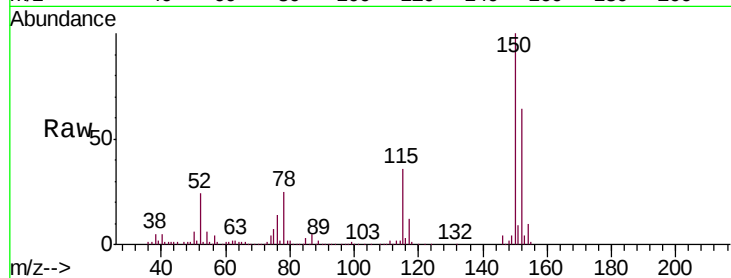
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	57.2	50.1	75.1

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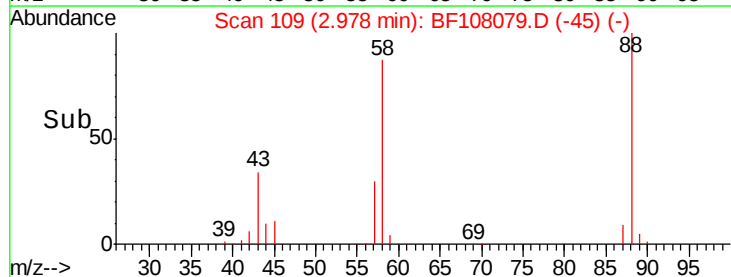
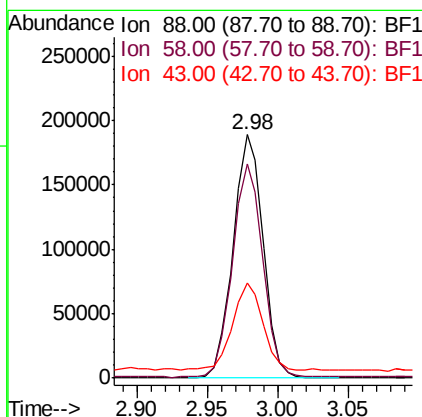
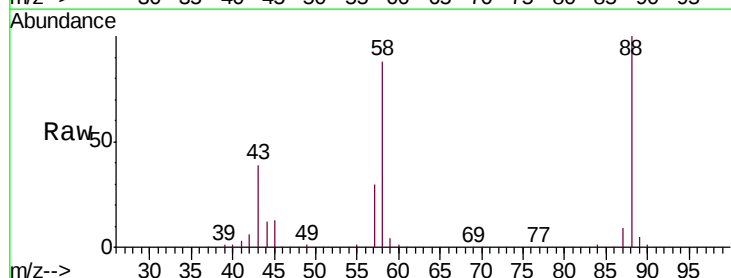
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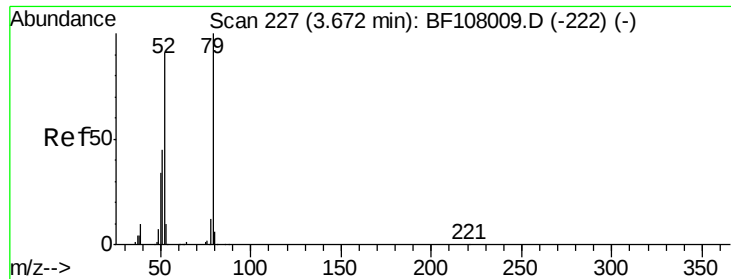


#2

1,4-Dioxane
Concen: 42.823 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	62.6	93.8
43	35.7	24.6	37.0





#3

Pyridine

Concen: 45.069 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

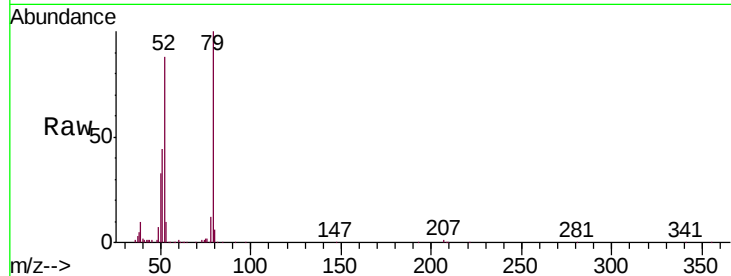
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PB111926BS

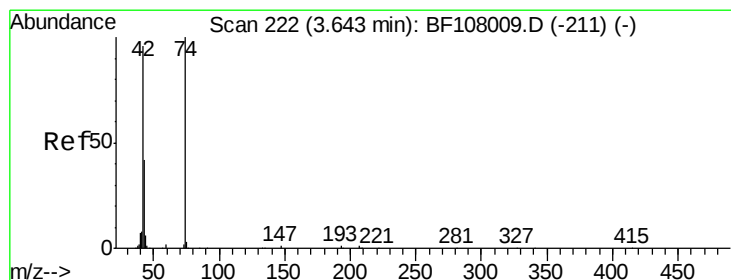
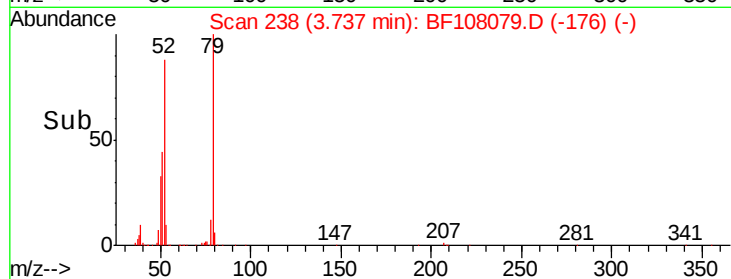
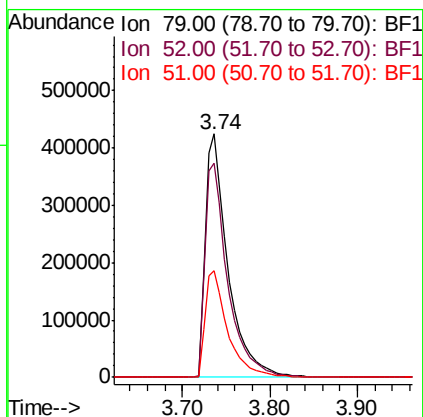
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	88.1	59.8	89.6
51	43.8	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 44.179 ng

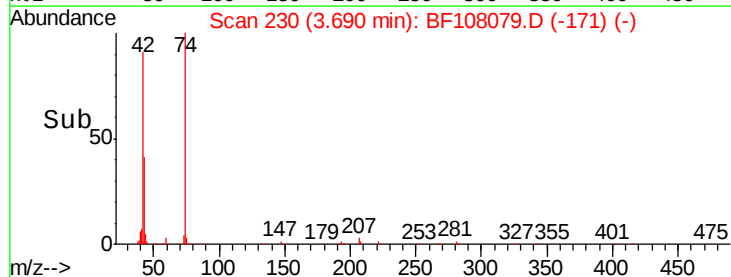
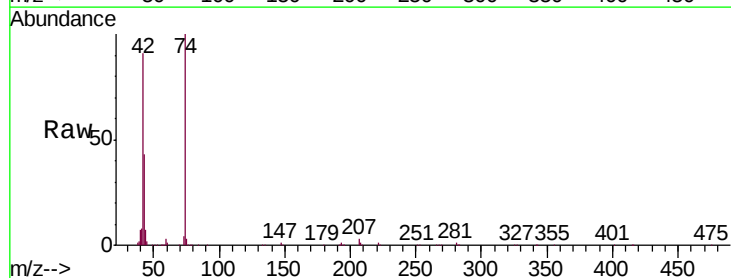
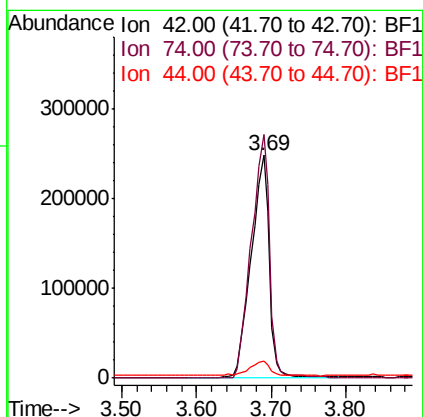
RT: 3.69 min Scan# 230

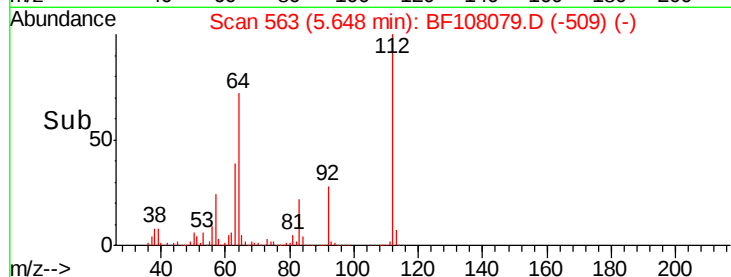
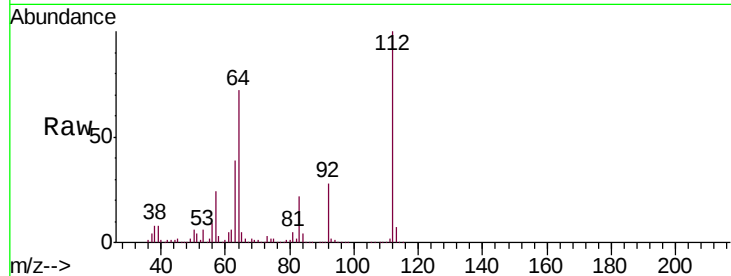
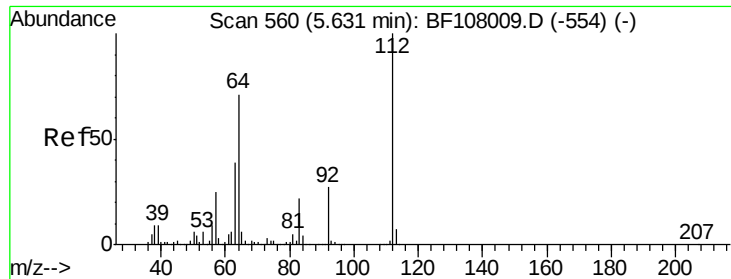
Delta R.T. 0.05 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.4	104.9	157.3
44	7.4	6.9	10.3





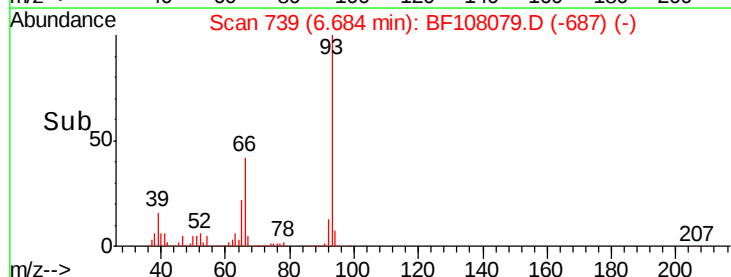
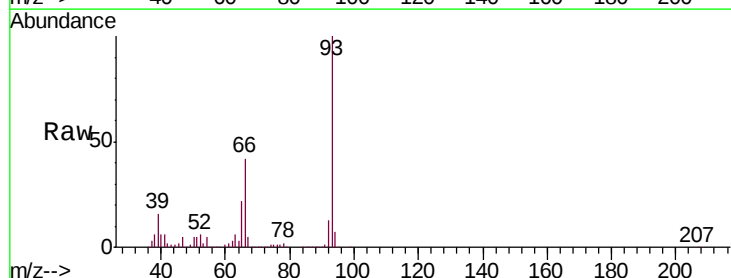
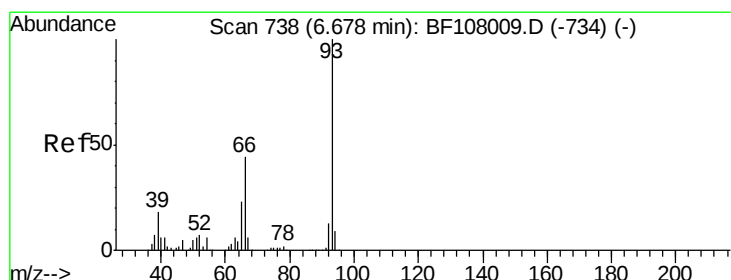
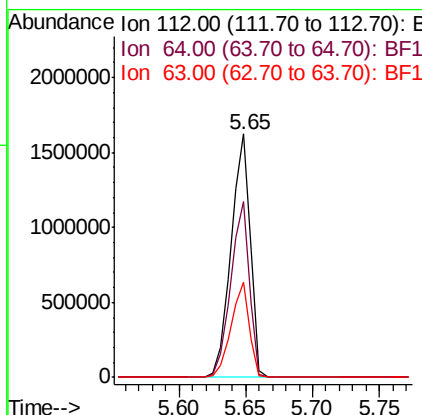
#5
2-Fluorophenol
Concen: 129.674 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 112 Resp: 1649303
Ion Ratio Lower Upper
112 100
64 72.1 47.9 71.9#
63 39.1 23.7 35.5#

Instrument :
BNA_F
ClientSampleId :
PB111926BS

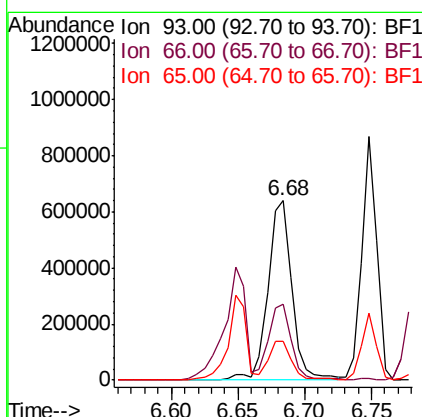
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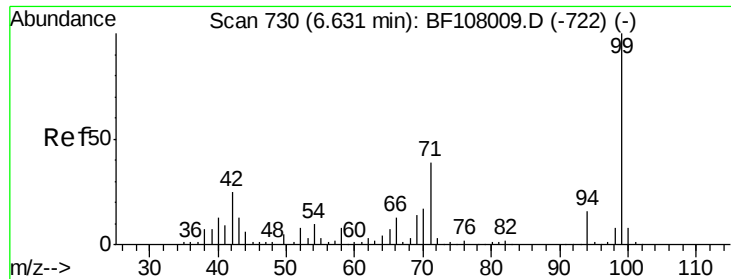
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#6
Aniline
Concen: 34.856 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 93 Resp: 801344
Ion Ratio Lower Upper
93 100
66 42.3 32.2 48.2
65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 130.012 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion: 99 Resp: 2197418

Ion Ratio Lower Upper

99 100

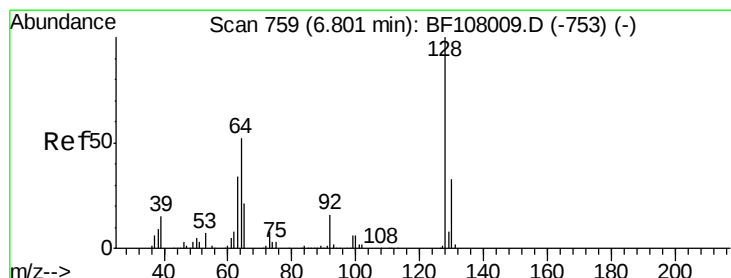
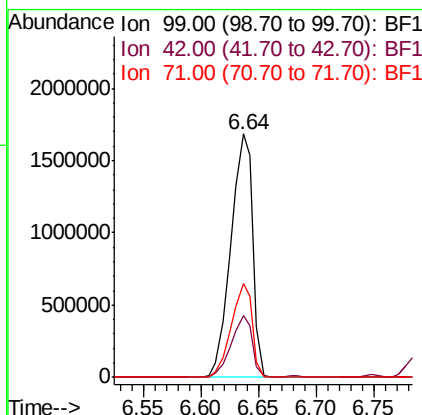
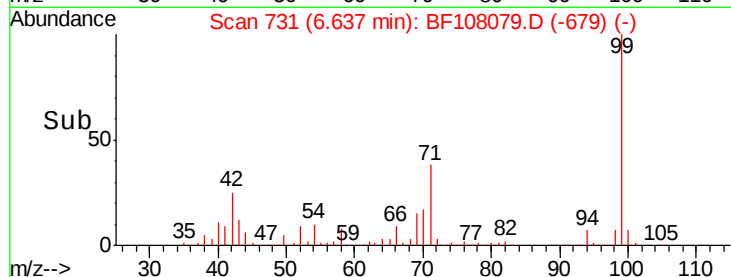
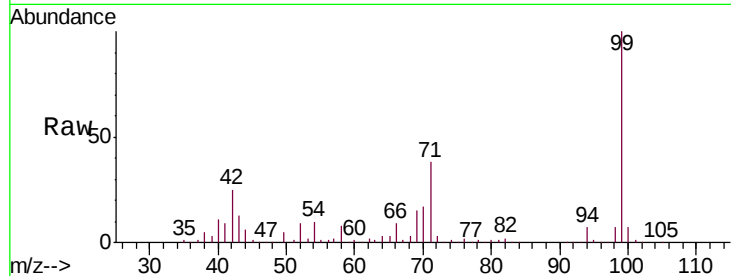
42 25.2 14.5 21.7#

71 38.3 25.4 38.0#

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#8

2-Chlorophenol

Concen: 48.262 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

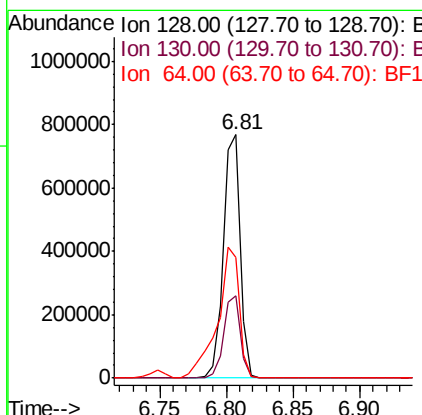
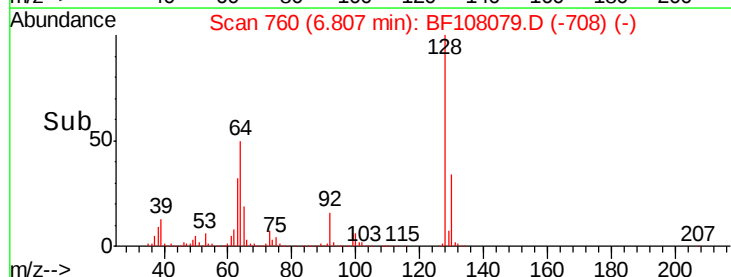
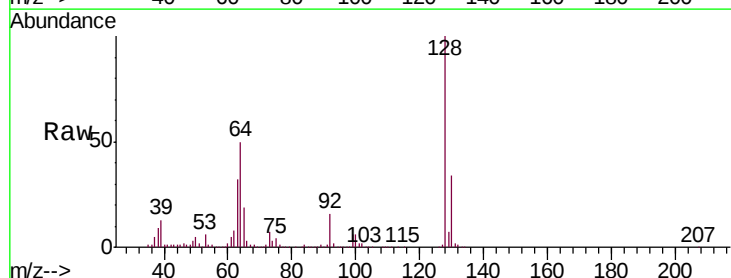
Tgt Ion: 128 Resp: 691340

Ion Ratio Lower Upper

128 100

130 33.9 13.0 53.0

64 49.7 29.4 69.4





#9

Benzaldehyde

Concen: 25.747 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

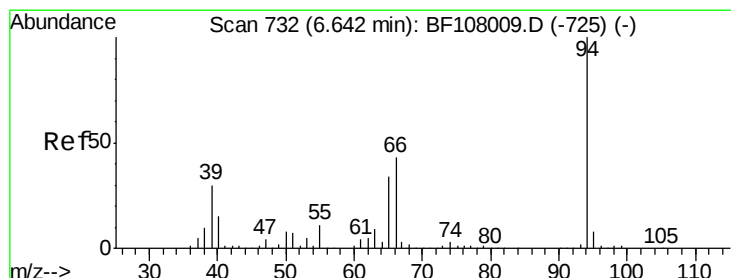
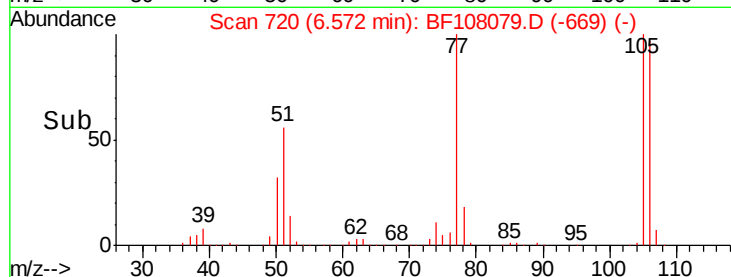
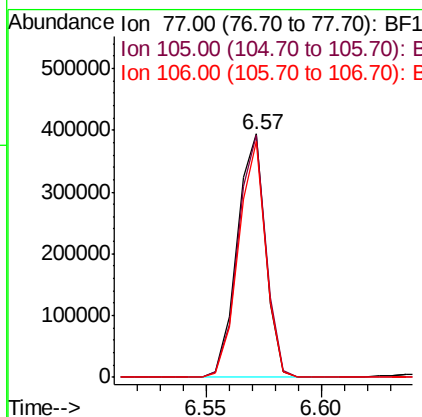
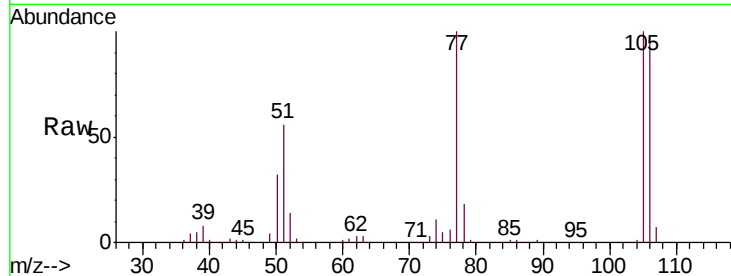
ClientSampleId :

PB111926BS

Tgt Ion:	77	Resp:	337396
Ion	Ratio	Lower	Upper
77	100		
105	99.6	81.1	121.1
106	96.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 47.452 ng

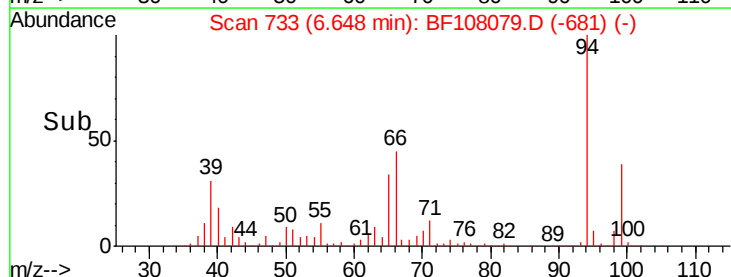
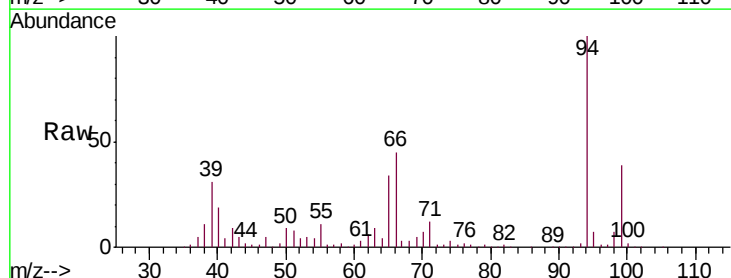
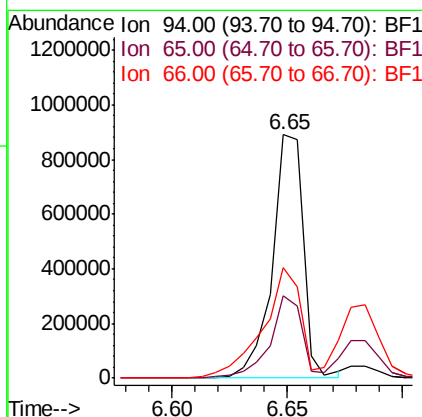
RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion:	94	Resp:	829600
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.9	47.9
66	45.2	16.2	56.2





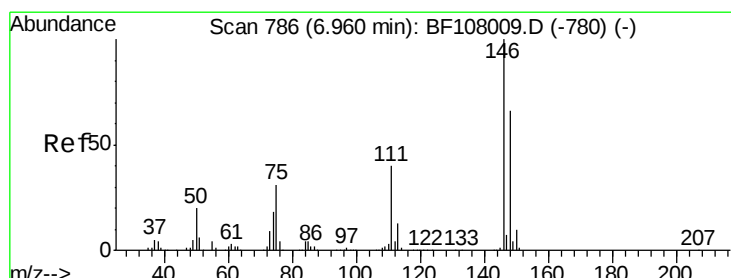
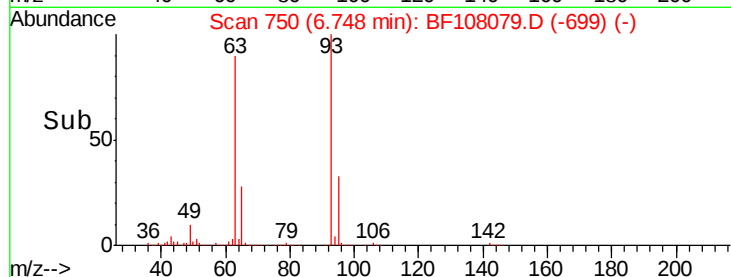
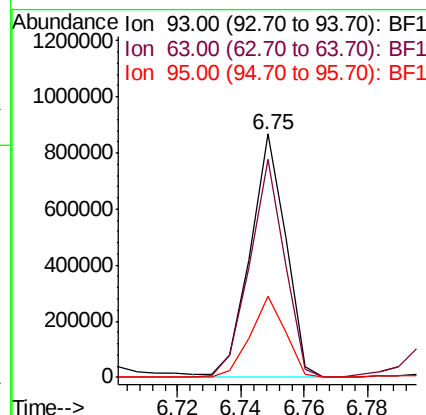
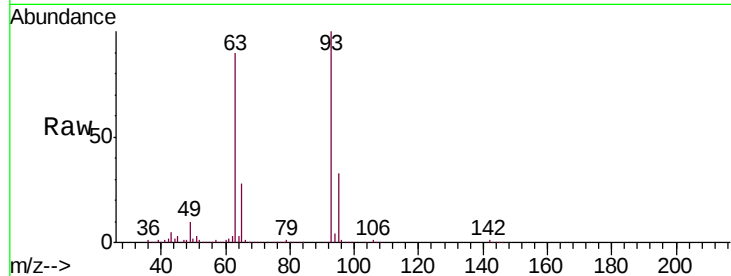
#11
bis(2-Chloroethyl)ether
Concen: 47.554 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.5	58.6	98.6
95	33.2	11.8	51.8

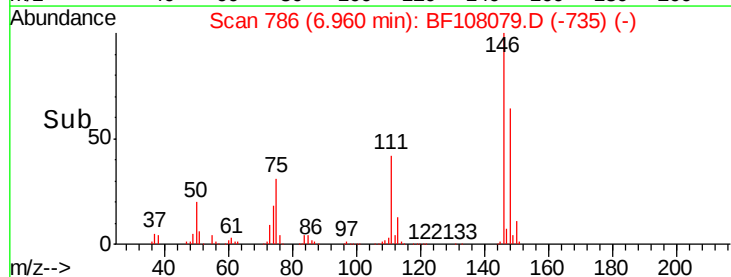
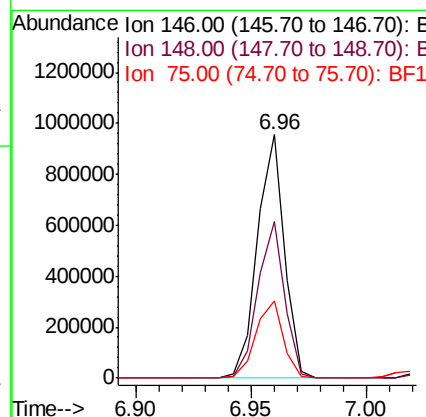
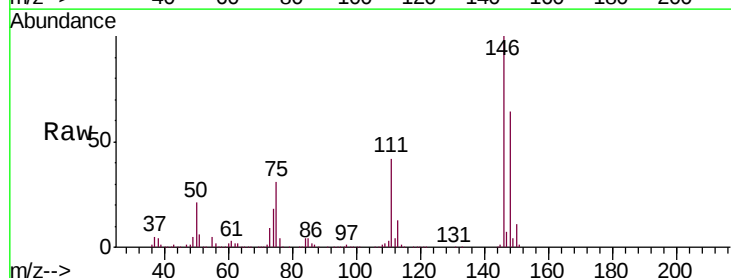
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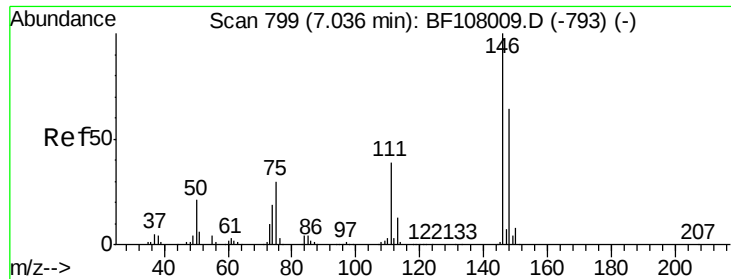
Sohil
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#12
1,3-Dichlorobenzene
Concen: 47.097 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	31.5	24.2	36.4





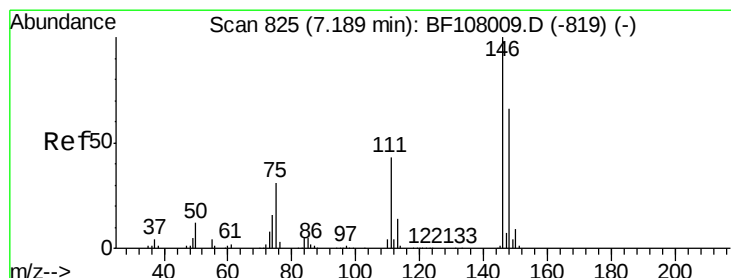
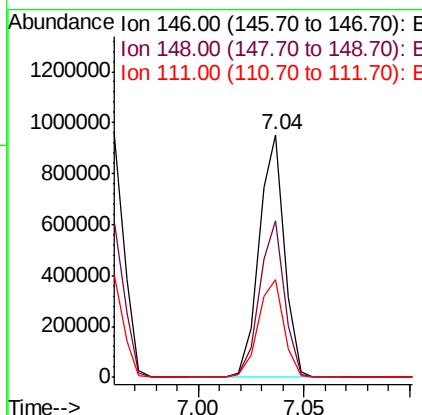
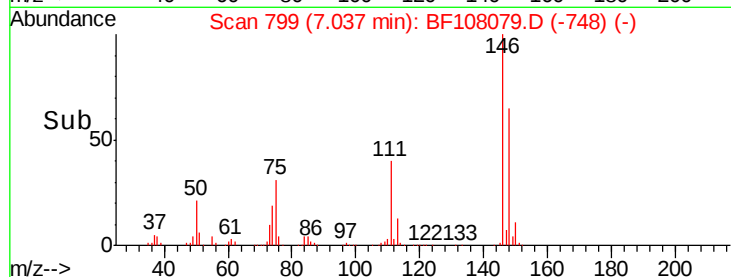
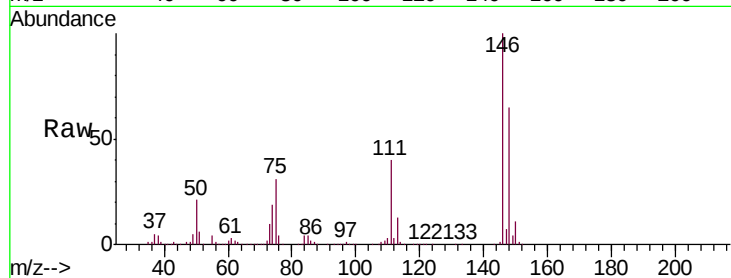
#13
1,4-Dichlorobenzene
Concen: 47.453 ng
RT: 7.04 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	789679		
148	64.5	50.8	76.2	
111	40.3	34.2	51.2	

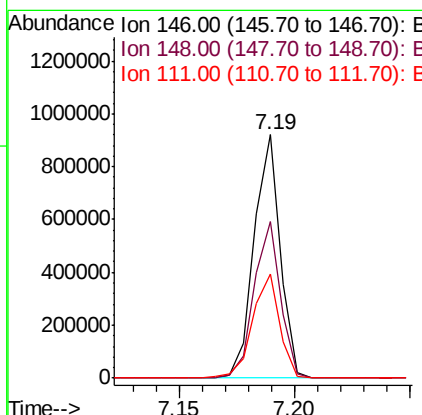
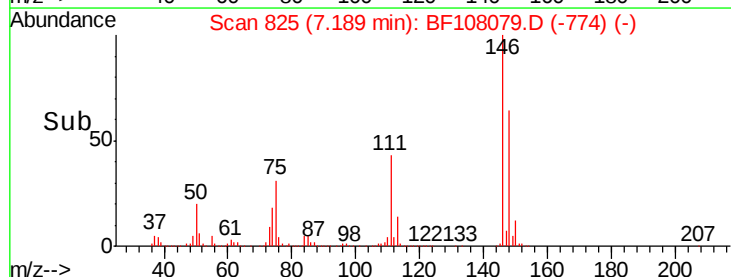
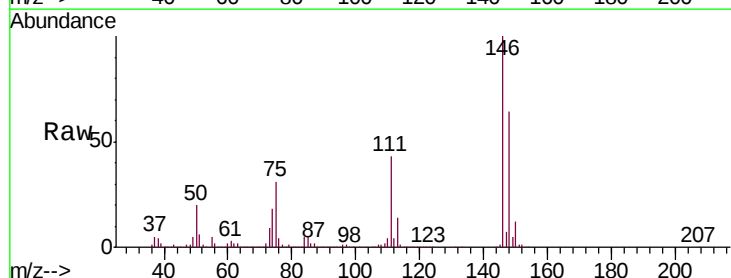
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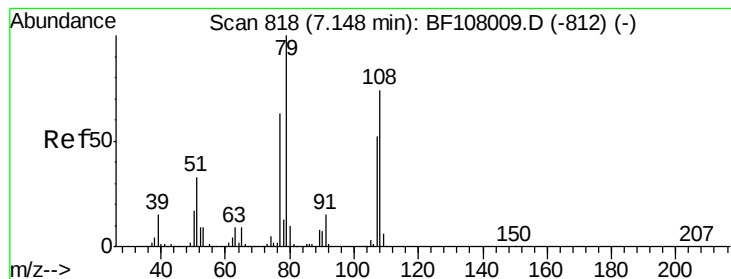
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#14
1,2-Dichlorobenzene
Concen: 47.109 ng
RT: 7.19 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	729219		
148	64.3	50.6	75.8	
111	42.8	36.0	54.0	





#15

Benzyl Alcohol

Concen: 47.478 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

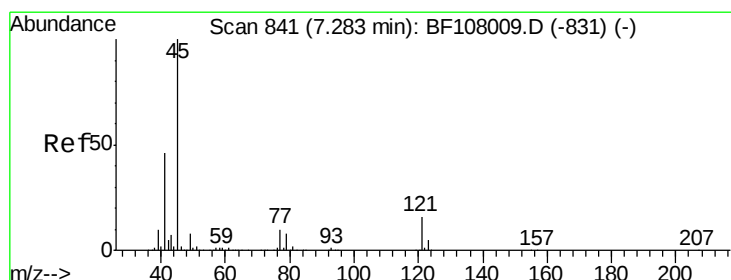
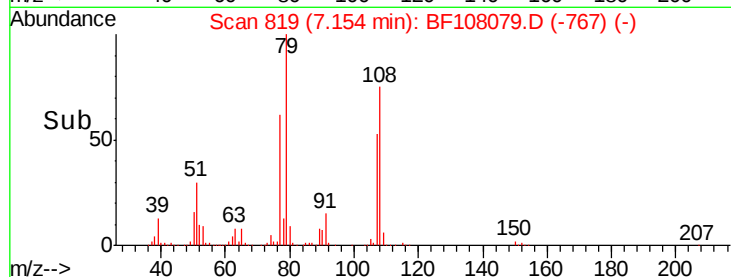
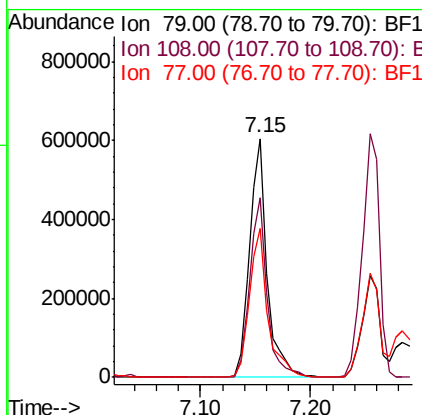
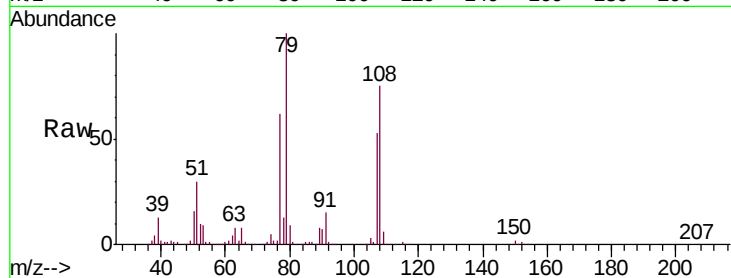
ClientSampleId :

PB111926BS

Tgt Ion:	79	Resp:	675538
Ion Ratio	Lower	Upper	
79	100		
108	75.1	65.1	97.7
77	62.5	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.101 ng

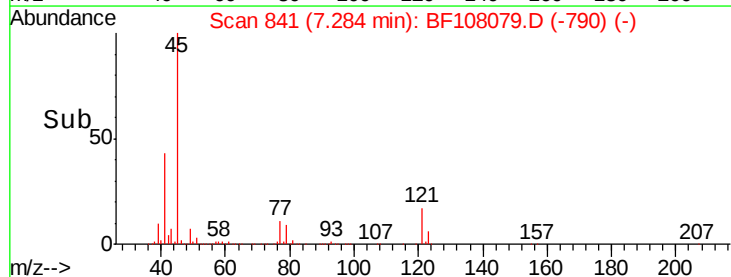
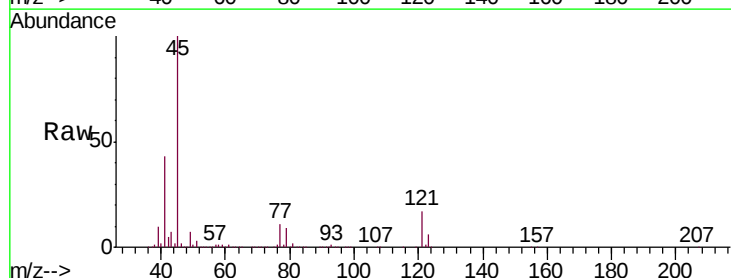
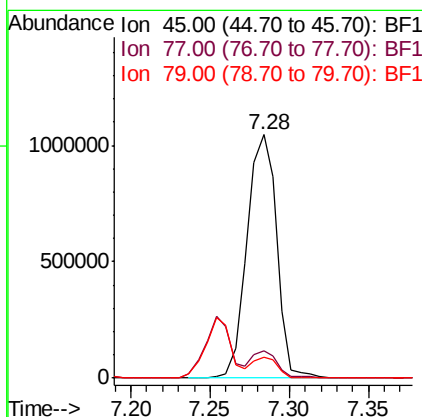
RT: 7.28 min Scan# 841

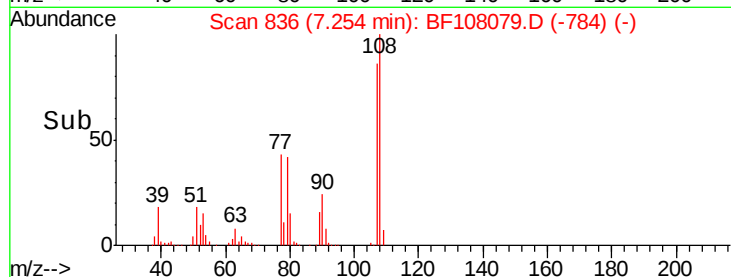
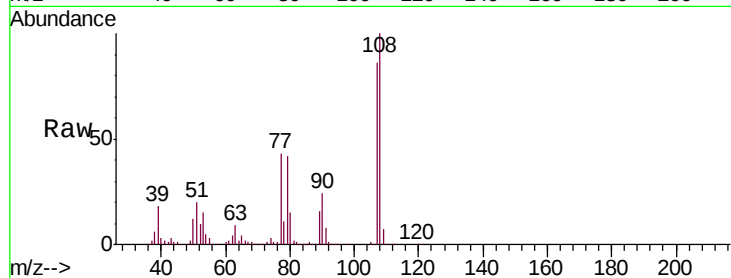
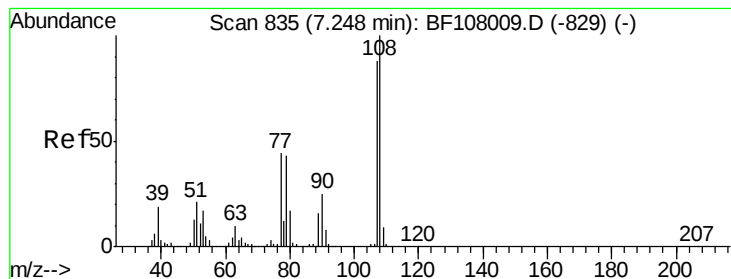
Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion:	45	Resp:	1342338
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	32.9
79	8.6	0.0	29.6





#17

2-Methylphenol

Concen: 47.970 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	589283		
108	115.8	91.7	137.5	
77	49.5	33.8	50.8	
79	48.4	33.8	50.8	

Instrument :

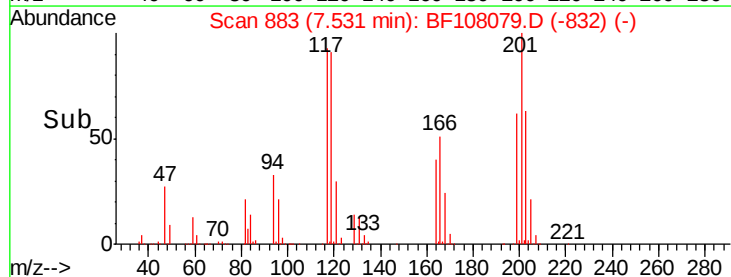
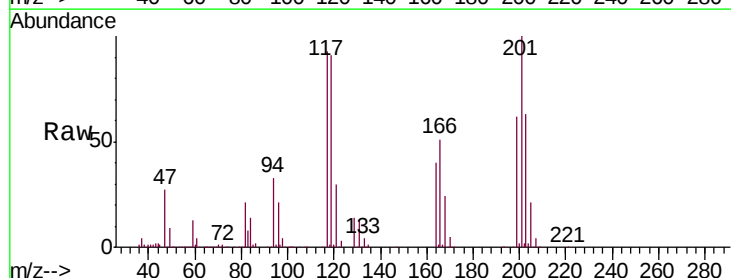
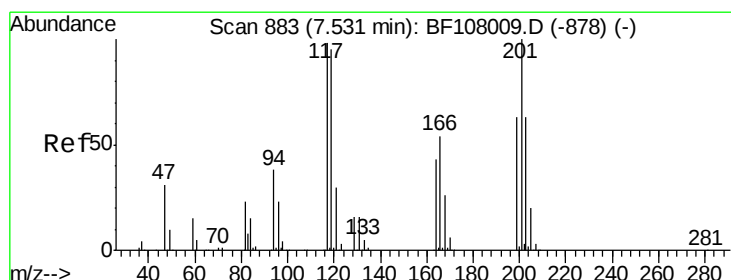
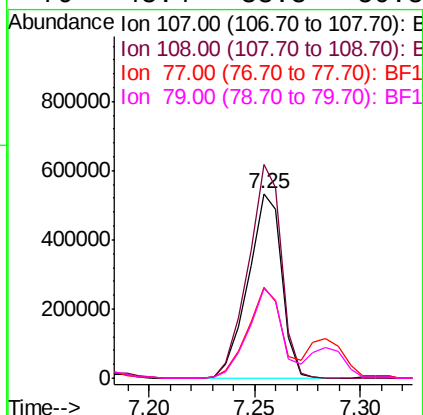
BNA_F

ClientSampleId :

PB111926BS

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#18

Hexachloroethane

Concen: 48.590 ng

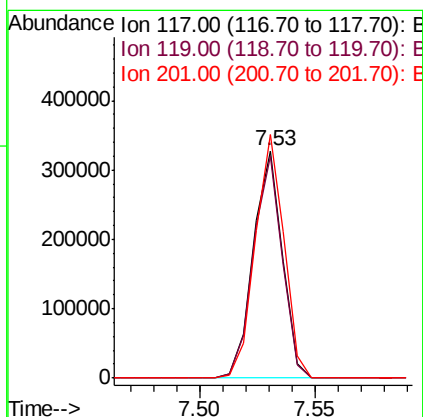
RT: 7.53 min Scan# 883

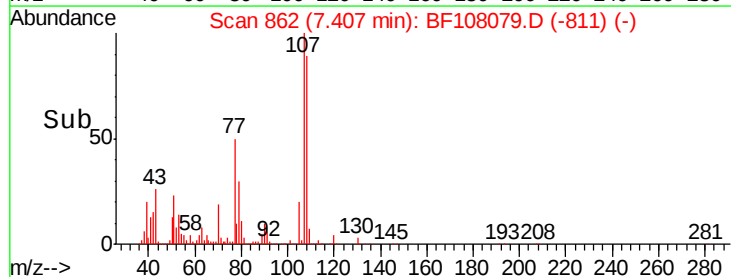
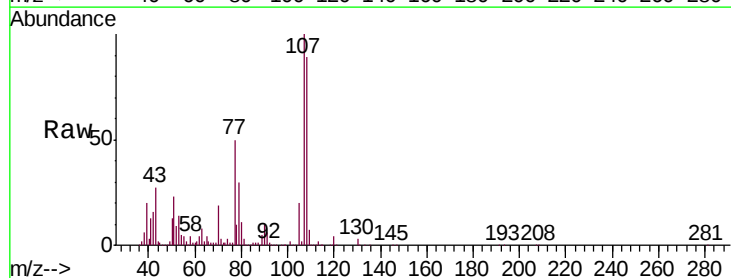
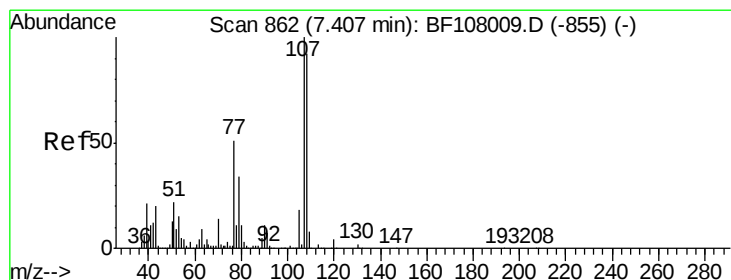
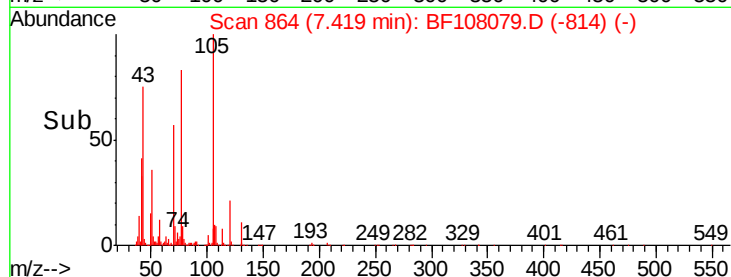
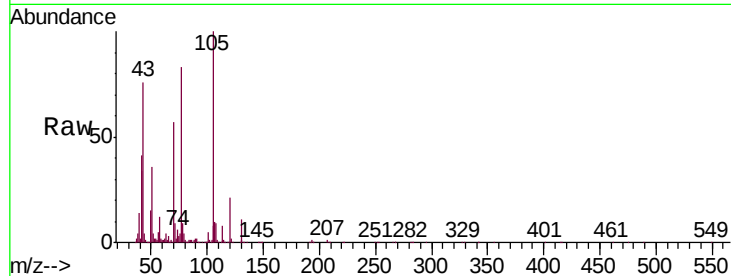
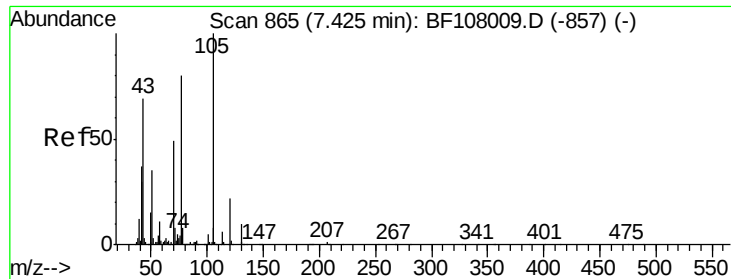
Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	287877		
119	97.6	75.8	113.8	
201	107.0	75.7	113.5	





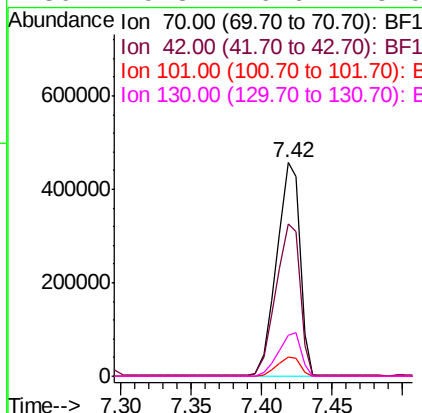
#19
n-Nitroso-di-n-propylamine
Concen: 46.339 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	71.4	47.5	71.3#
101	9.0	7.4	11.2
130	19.3	16.6	25.0

Instrument :
BNA_F
ClientSampleId :
PB111926BS

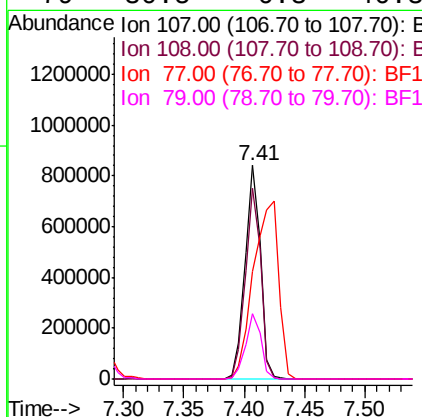
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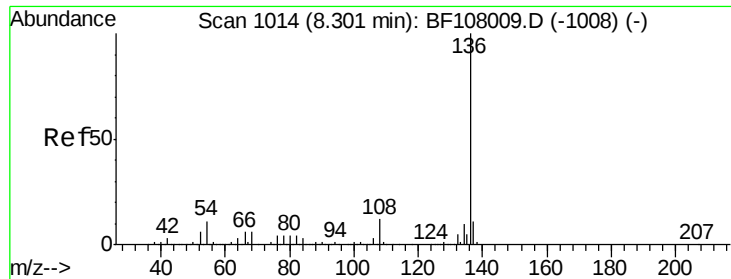
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#20
3+4-Methylphenols
Concen: 48.124 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.1	68.2	108.2
77	50.4	26.7	66.7
79	30.5	6.3	46.3





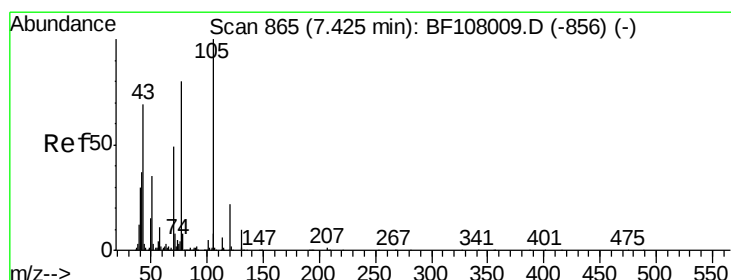
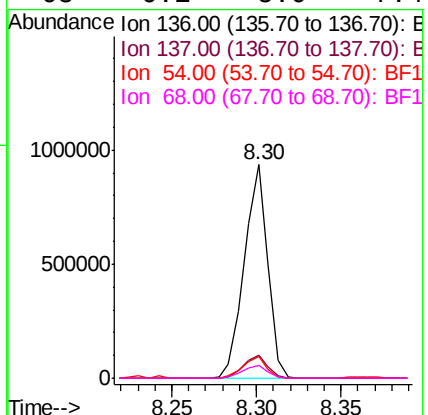
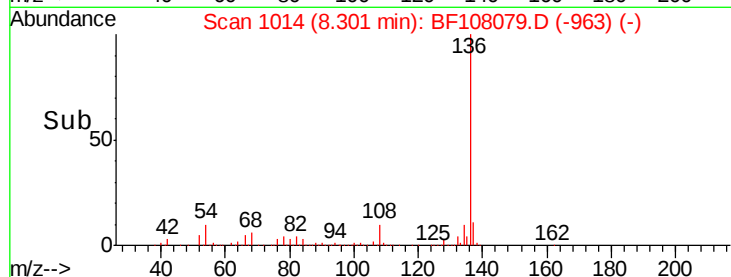
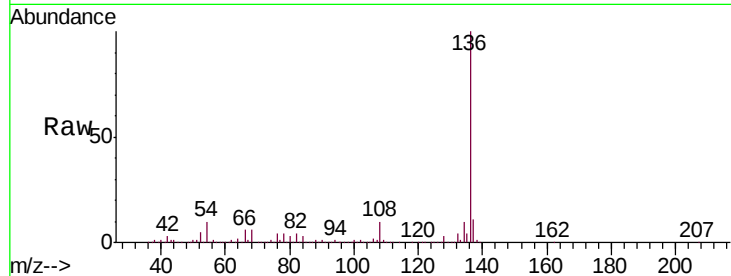
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		904879		
137	10.6		8.9	13.3	
54	10.2		6.6	9.8#	
68	6.1		5.0	7.4	

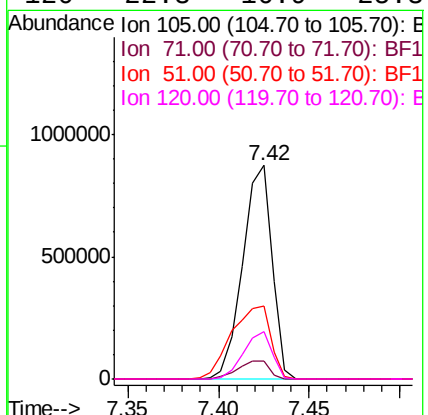
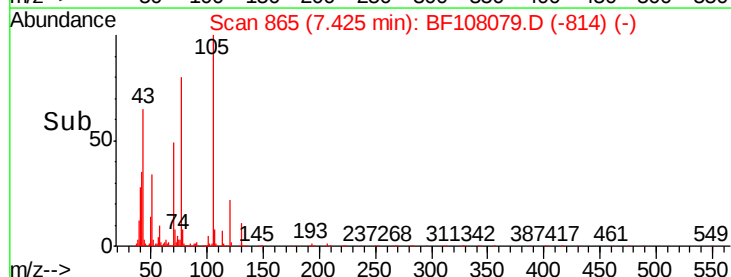
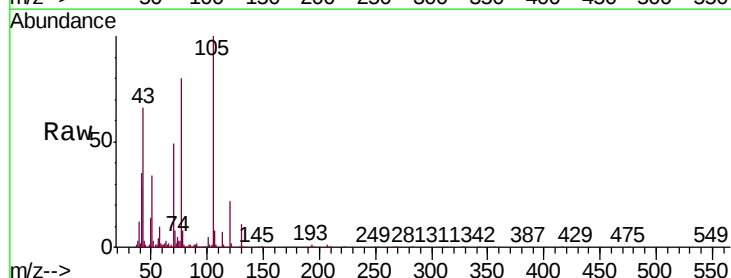
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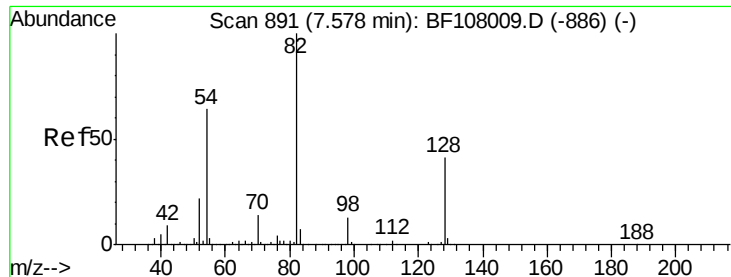
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#22
Acetophenone
Concen: 46.297 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		979562		
71	8.4		4.4	6.6#	
51	34.1		22.3	33.5#	
120	22.3		16.9	25.3	





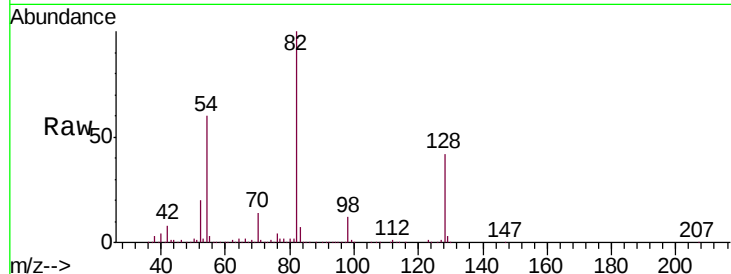
#23
 Nitrobenzene-d5
 Concen: 89.649 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

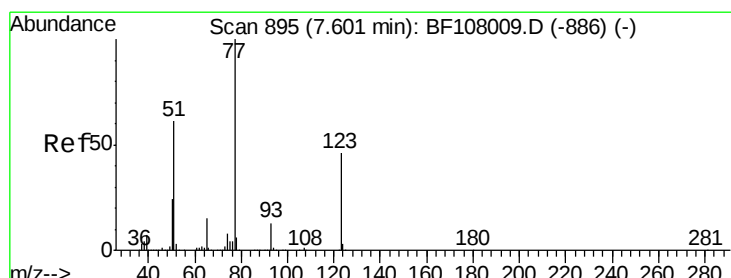
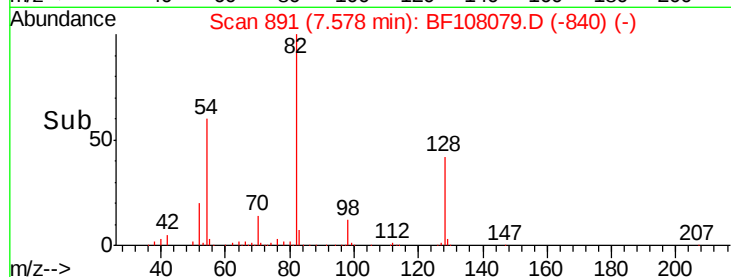
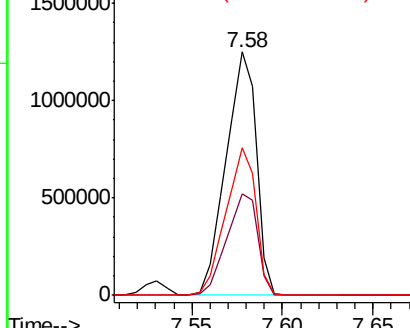
Tgt Ion: 82 Resp: 1453753
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 60.5 41.4 62.2

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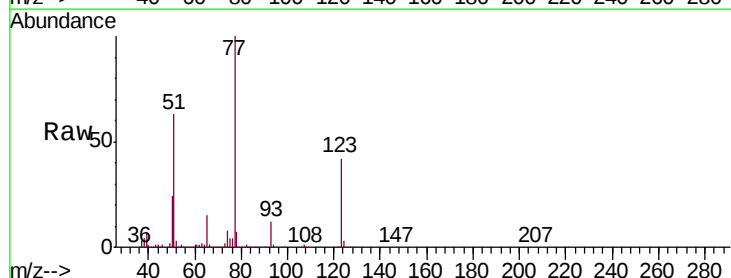


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

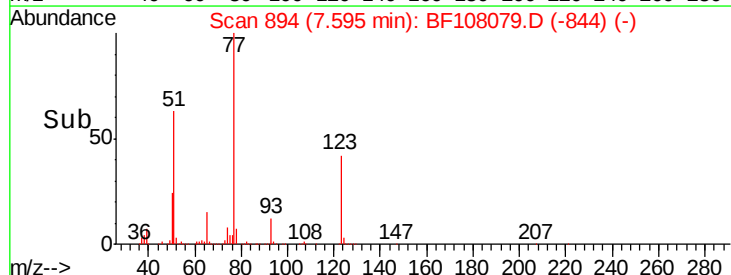
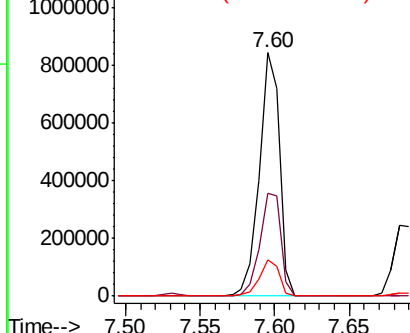


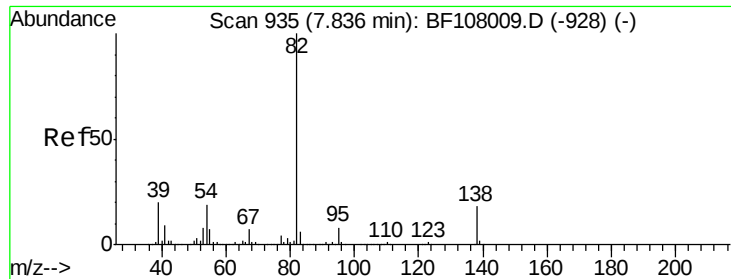
#24
 Nitrobenzene
 Concen: 47.525 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion: 77 Resp: 779309
 Ion Ratio Lower Upper
 77 100
 123 42.3 37.9 56.9
 65 14.9 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





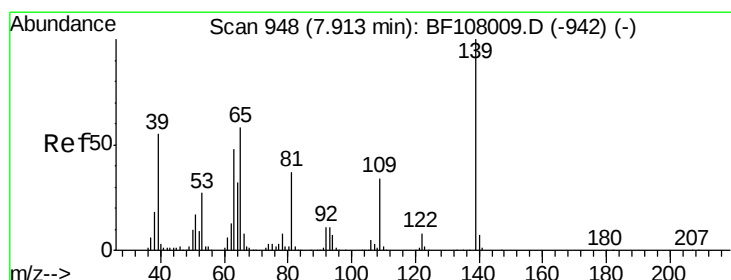
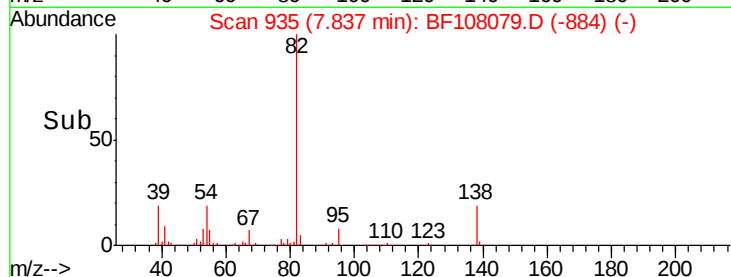
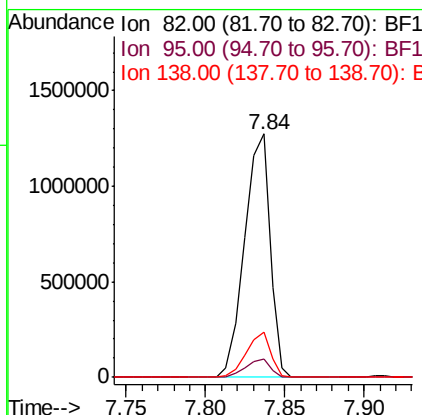
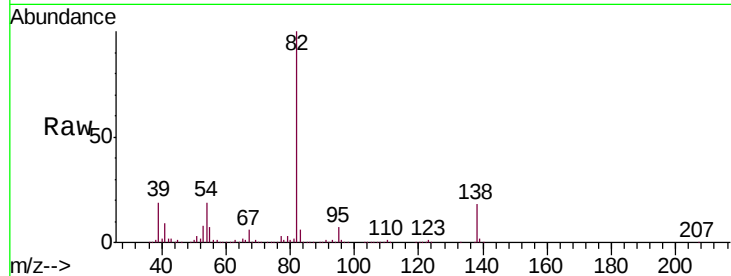
#25
Isophorone
Concen: 45.903 ng
RT: 7.84 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.2	7.8
138	18.4	14.9	22.3

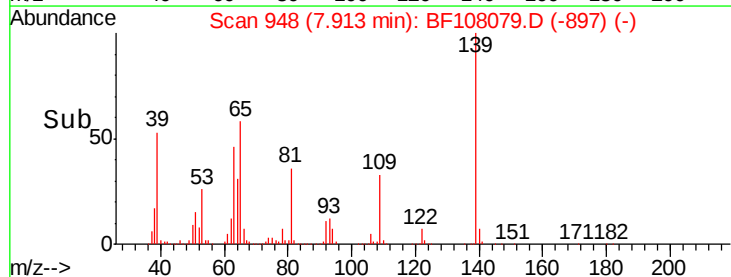
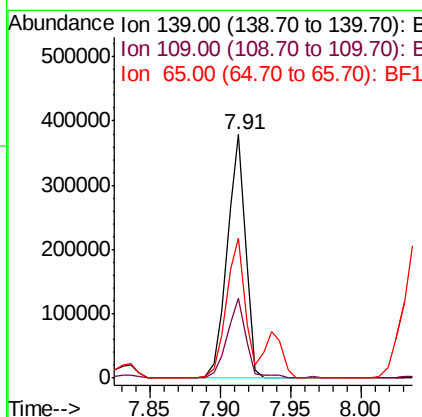
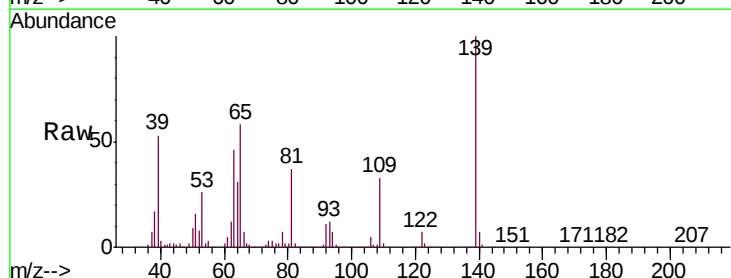
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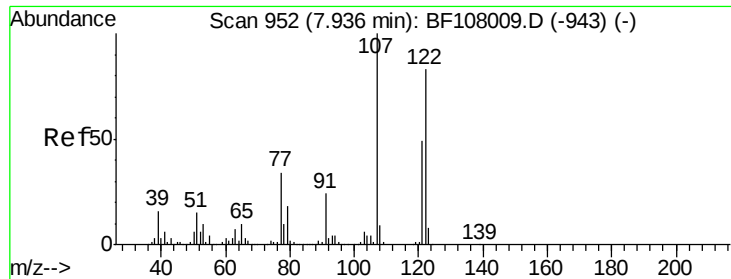
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#26
2-Nitrophenol
Concen: 55.039 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.0	22.7	34.1
65	57.7	40.5	60.7





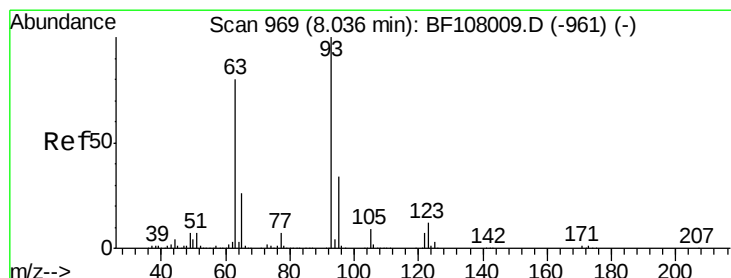
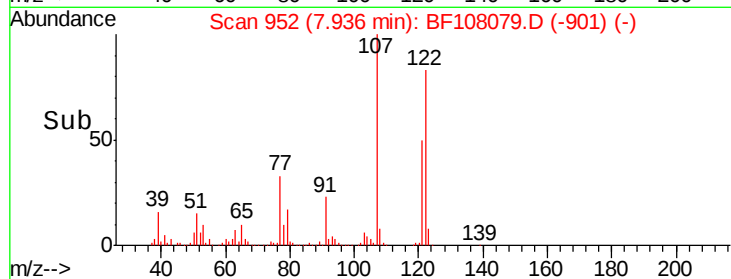
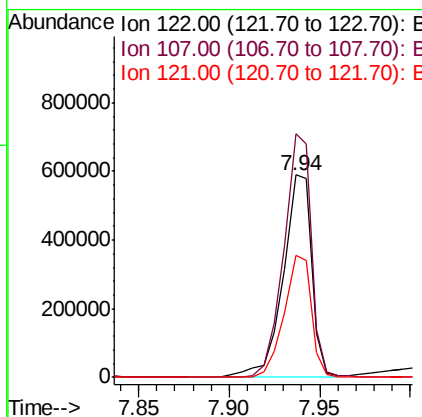
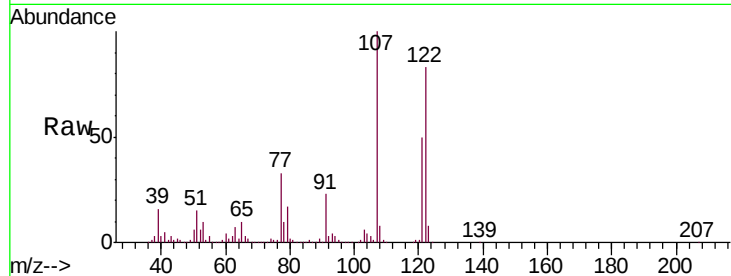
#27
 2,4-Dimethylphenol
 Concen: 47.491 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	651481		
107	120.4	91.2	136.8	
121	60.5	47.2	70.8	

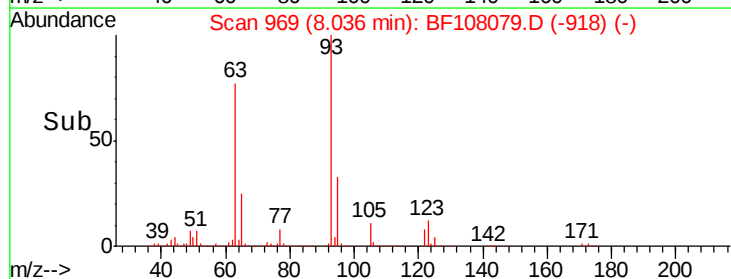
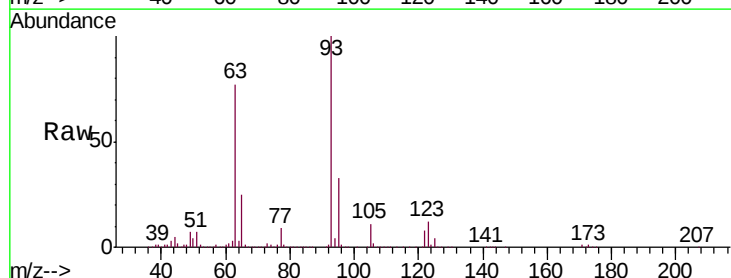
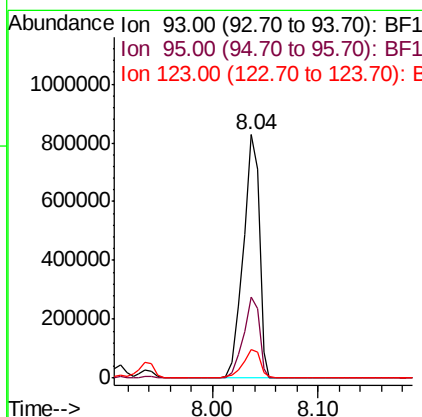
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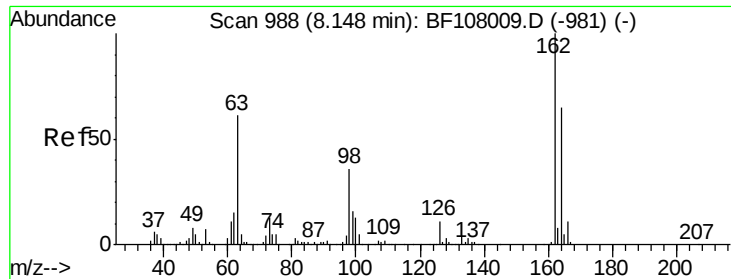
Sohil
 8/13/2018 3:51:40 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.530 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	857613		
95	33.4	26.3	39.5	
123	11.6	9.8	14.6	





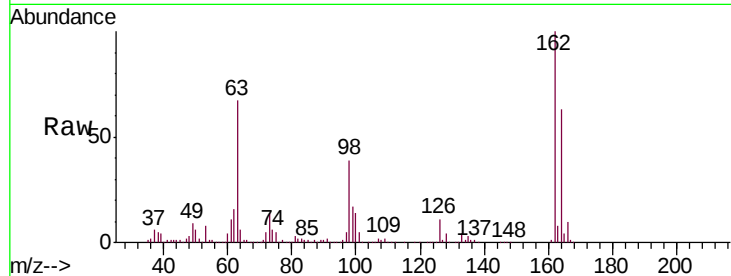
#29
2,4-Dichlorophenol
Concen: 49.193 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

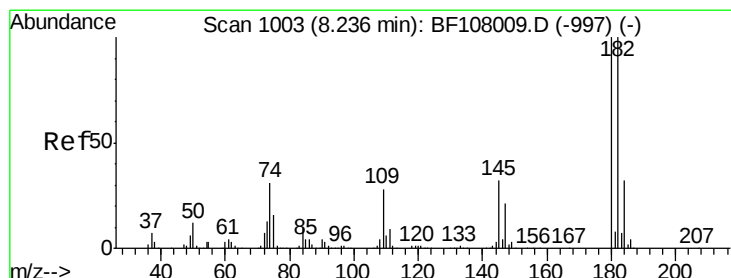
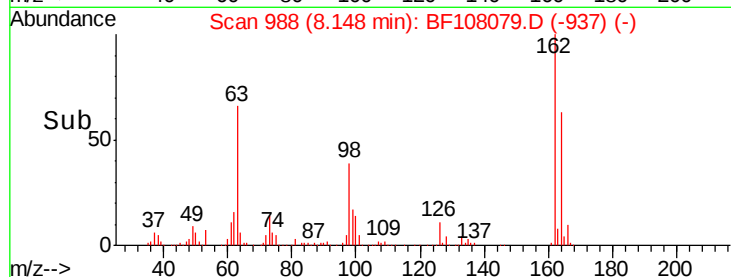
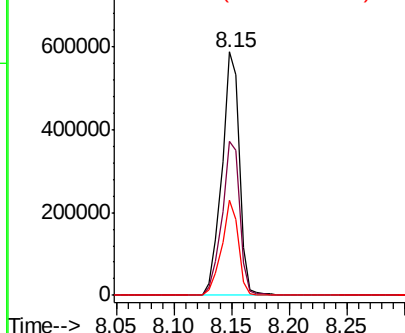
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	621030		
164	63.2	42.7	82.7	
98	39.3	18.1	58.1	

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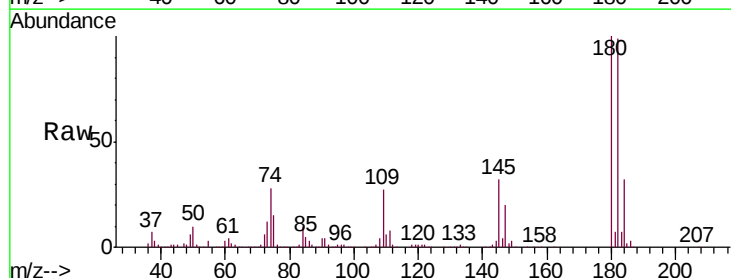


Abundance Ion 162.00 (161.70 to 162.70): E
800000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

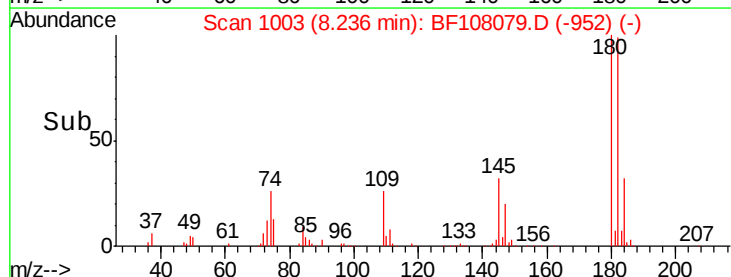
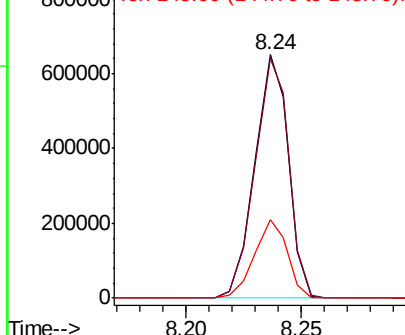


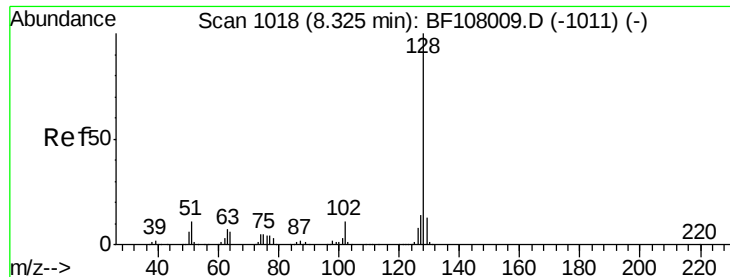
#30
1,2,4-Trichlorobenzene
Concen: 47.369 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	659309		
182	98.5	76.8	115.2	
145	32.2	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
800000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





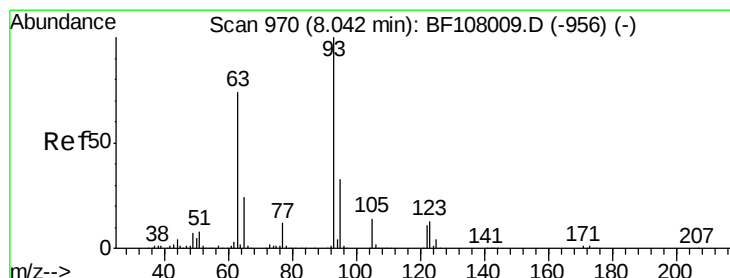
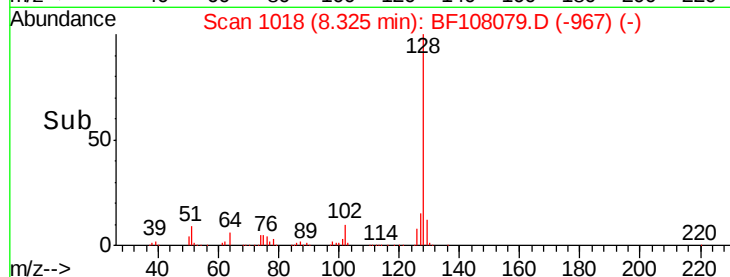
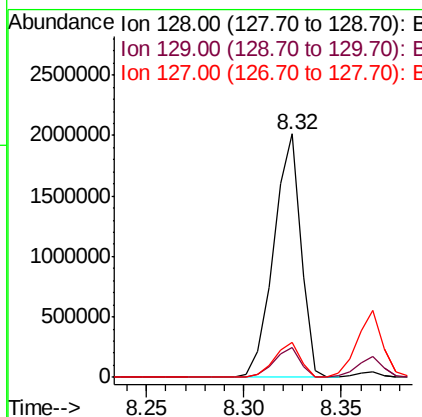
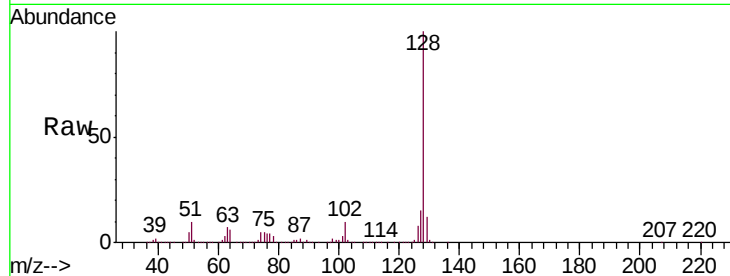
#31
Naphthalene
Concen: 47.078 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	14.5	10.9	16.3

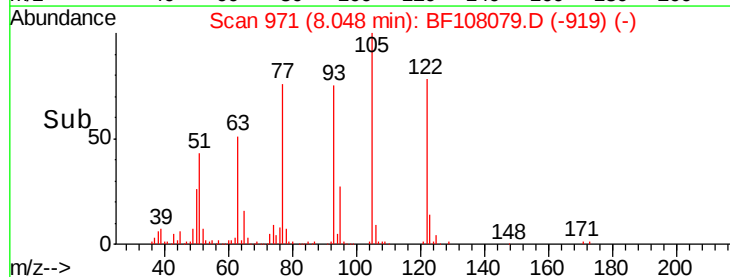
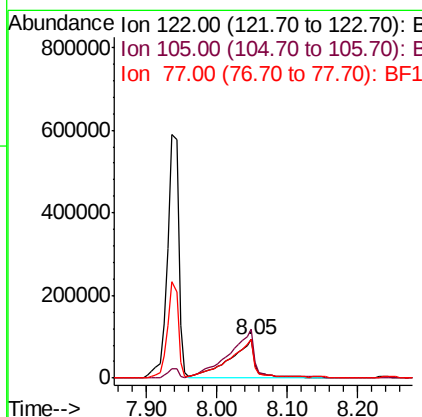
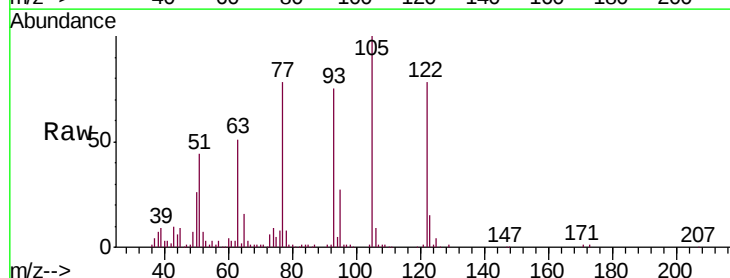
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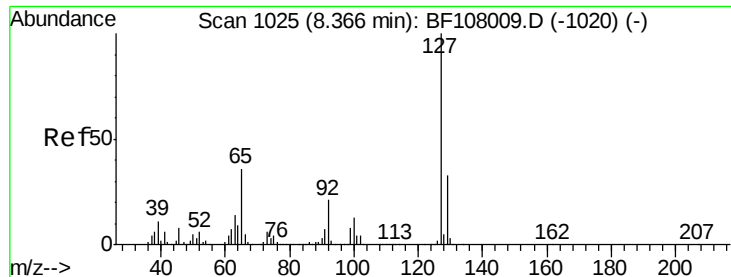
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#32
Benzoic acid
Concen: 32.285 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	101.1	141.1
77	100.1	70.7	110.7





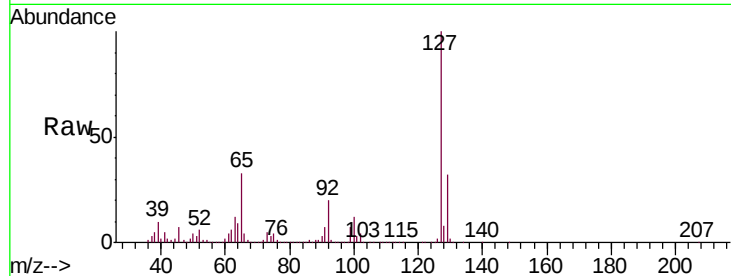
#33
4-Chloroaniline
Concen: 28.811 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	516699		
129	32.0	25.9	38.9	
65	33.1	25.0	37.4	
92	19.8	15.2	22.8	

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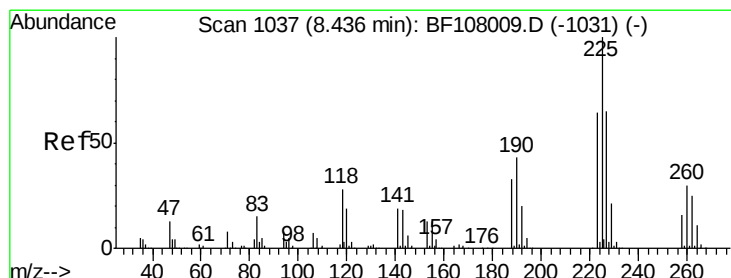
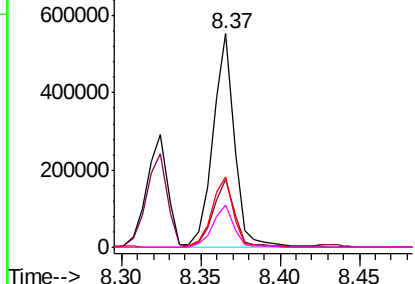
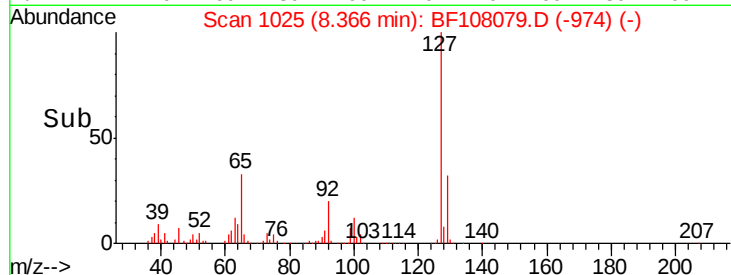
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

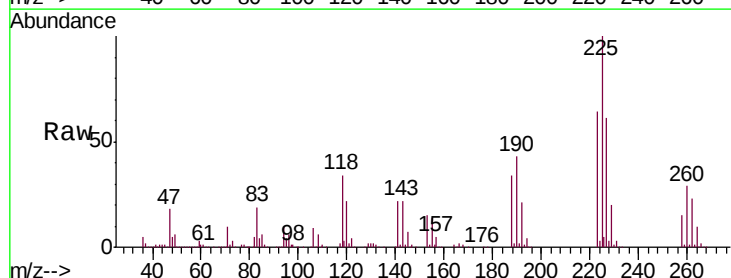
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 48.169 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	424434		
223	64.4	50.6	76.0	
227	60.7	51.9	77.9	

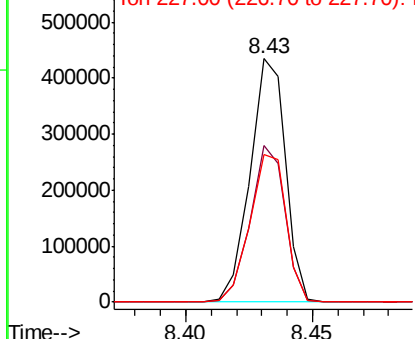
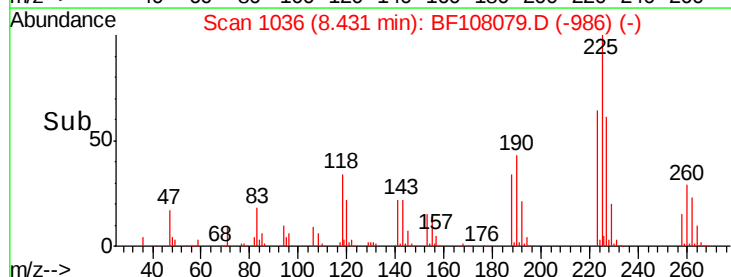


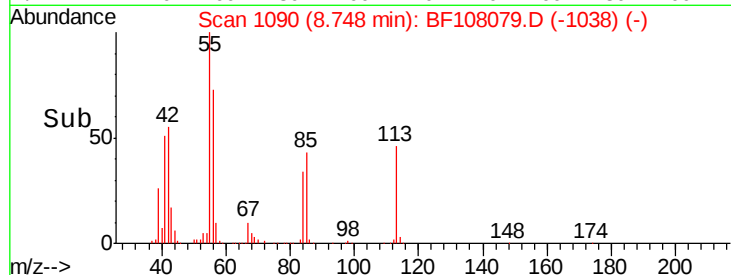
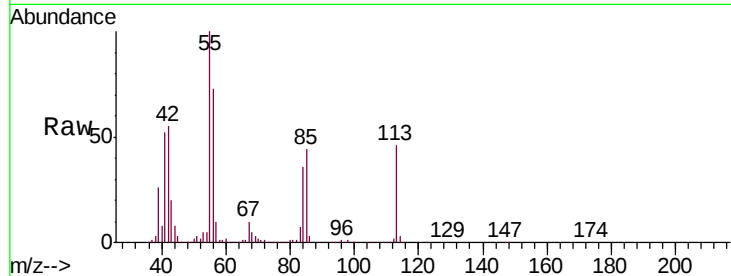
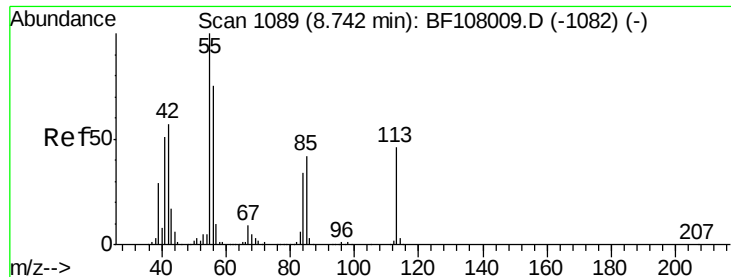
Abundance

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





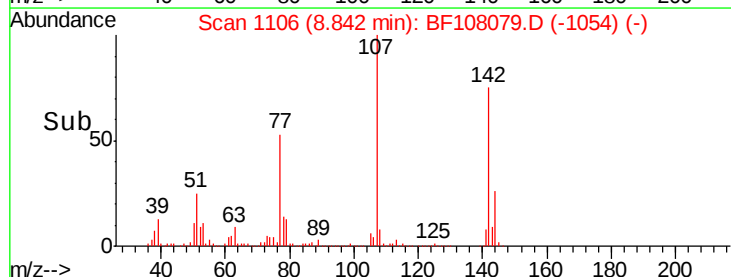
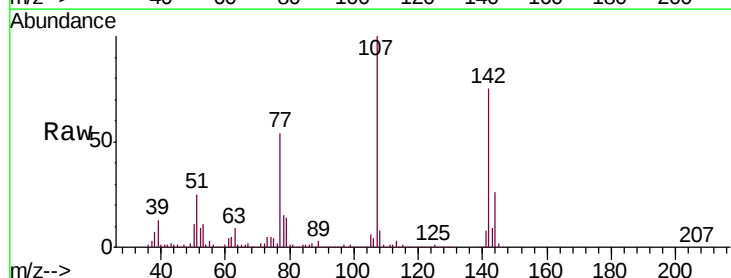
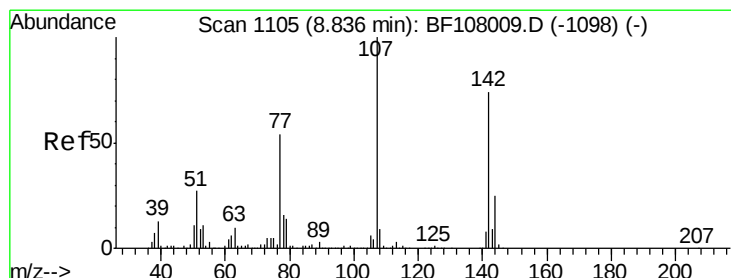
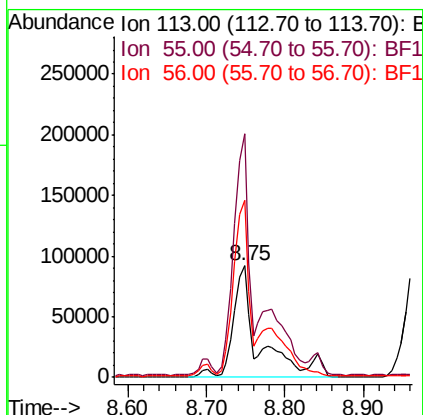
#35
Caprolactam
Concen: 53.644 ng m
RT: 8.75 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	212223		
55	218.9	163.3	203.3#	
56	159.5	115.7	155.7#	

Instrument :
BNA_F
ClientSampleId :
PB111926BS

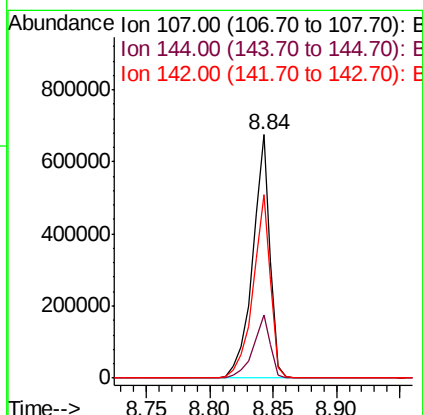
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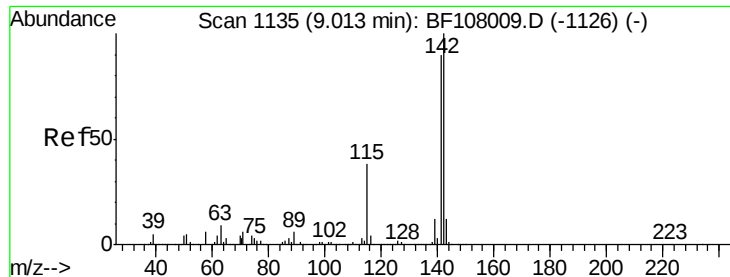
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#36
4-Chloro-3-methylphenol
Concen: 47.341 ng
RT: 8.84 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	644727		
144	25.8	20.5	30.7	
142	75.1	62.0	93.0	





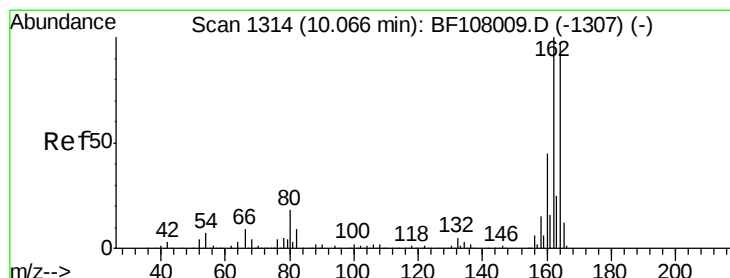
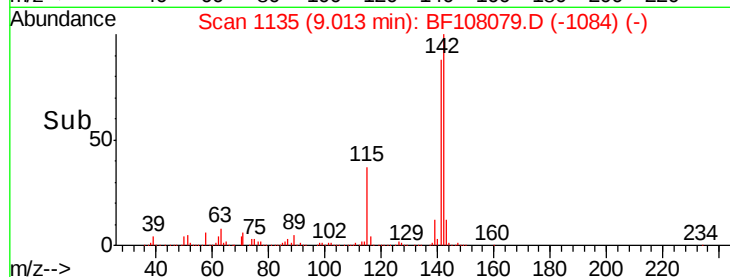
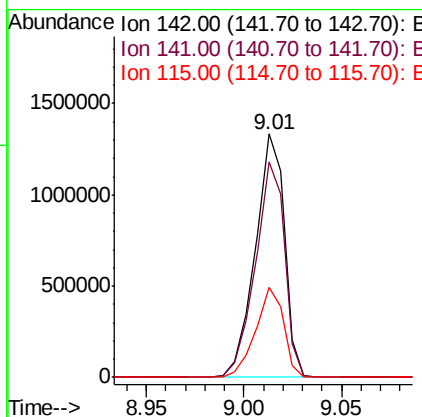
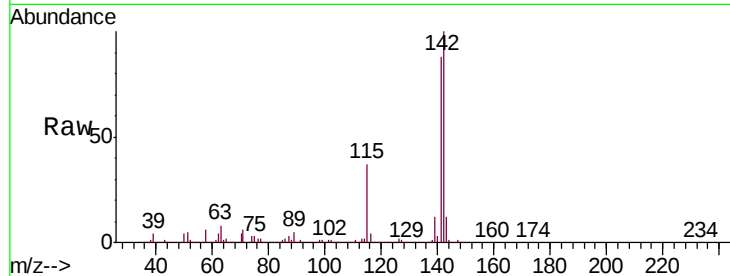
#37
2-Methylnaphthalene
Concen: 47.411 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	37.1	26.1	39.1

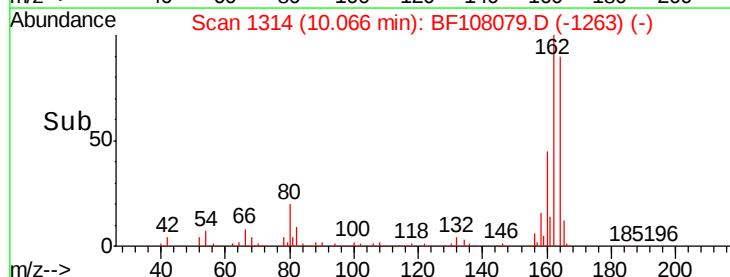
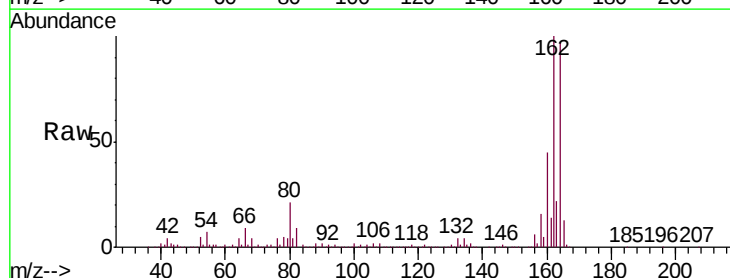
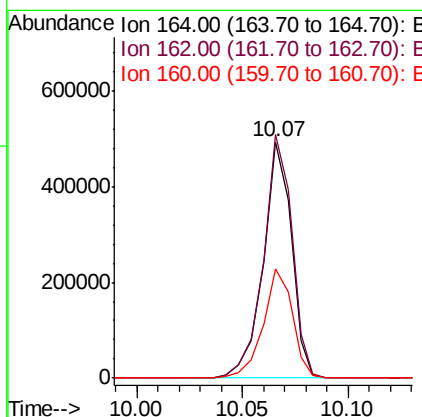
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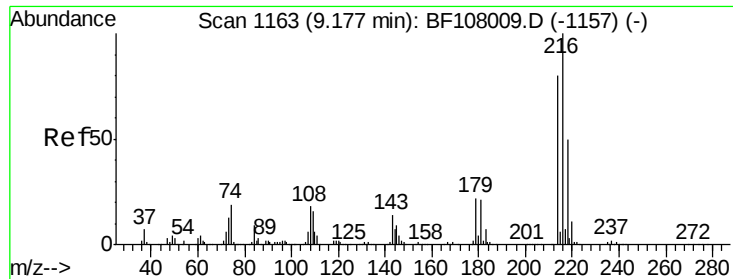
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.0	38.3	57.5





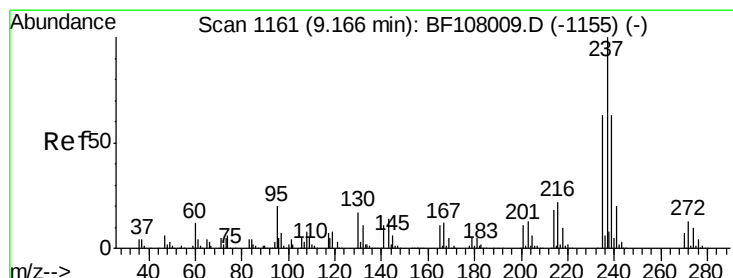
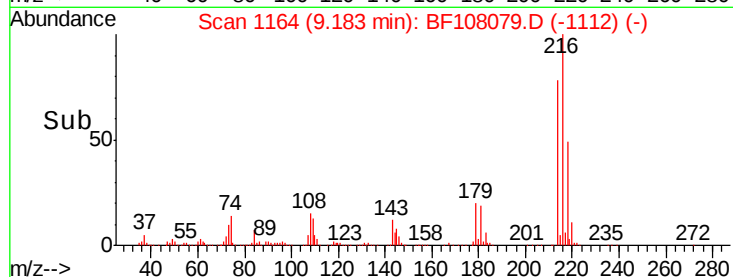
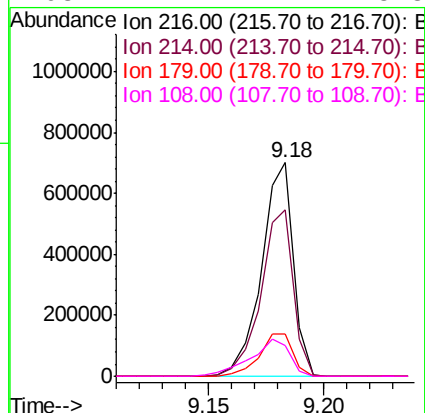
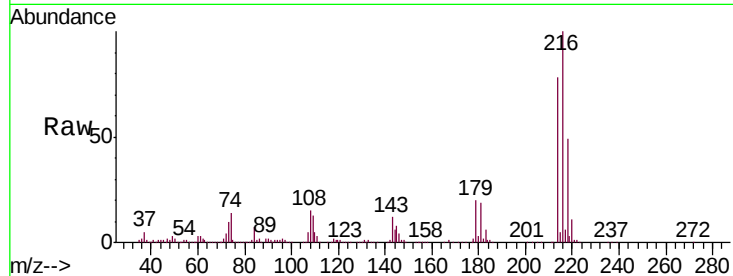
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.352 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:	216	Resp:	671082
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	21.0	18.1	27.1
108	21.4	17.2	25.8

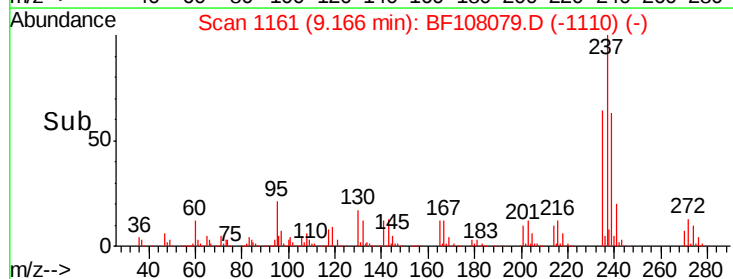
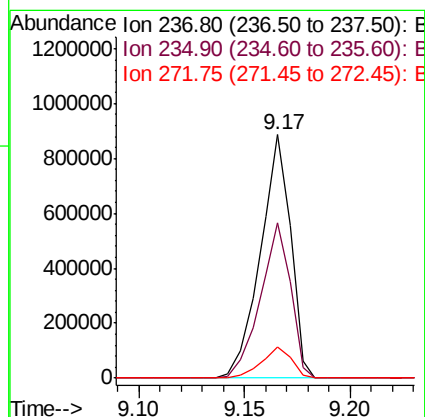
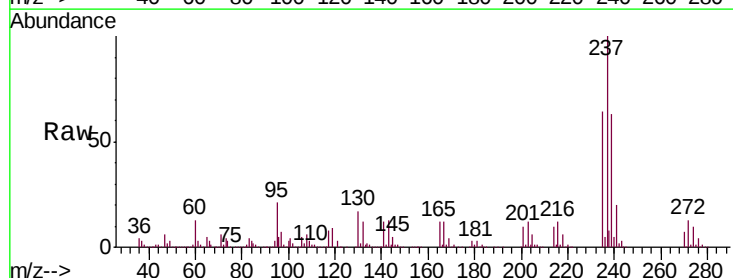
Manual Integrations
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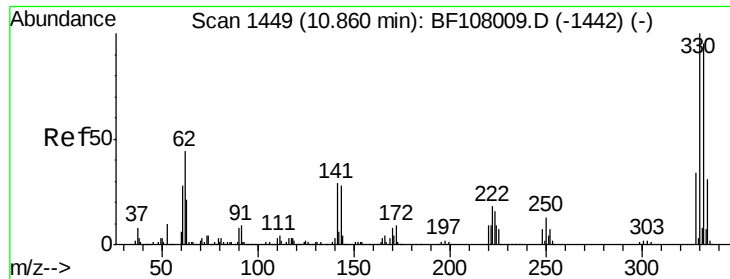
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#40
 Hexachlorocyclopentadiene
 Concen: 96.407 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:	237	Resp:	882505
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.8	84.8
272	12.6	0.0	33.3





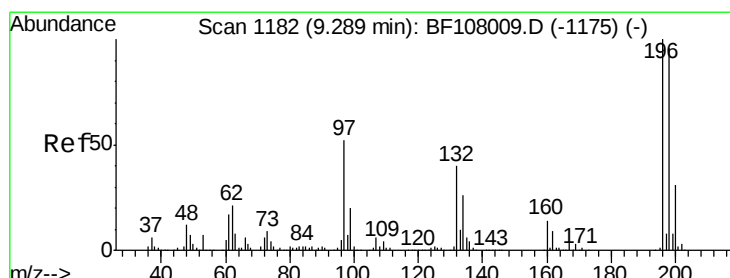
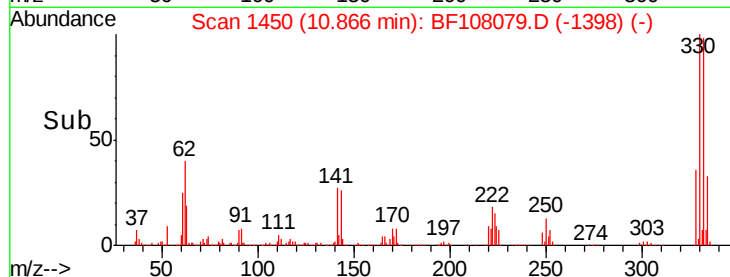
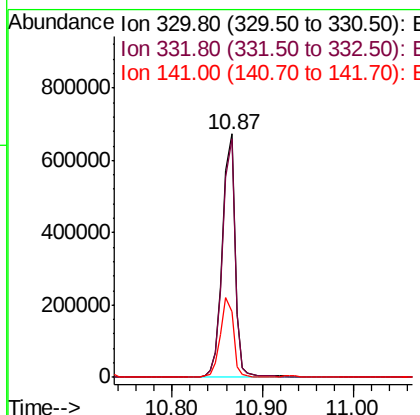
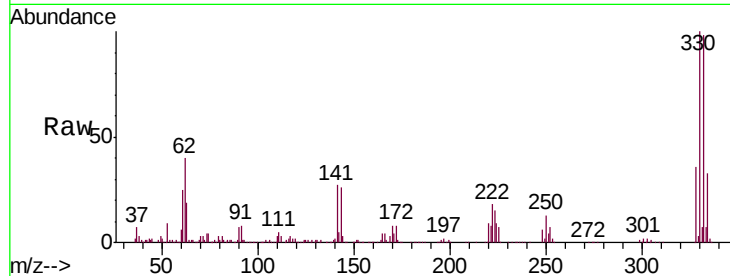
#41
 2,4,6-Tribromophenol
 Concen: 142.014 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	653737		
332	97.7	77.0	115.6	
141	33.6	29.9	44.9	

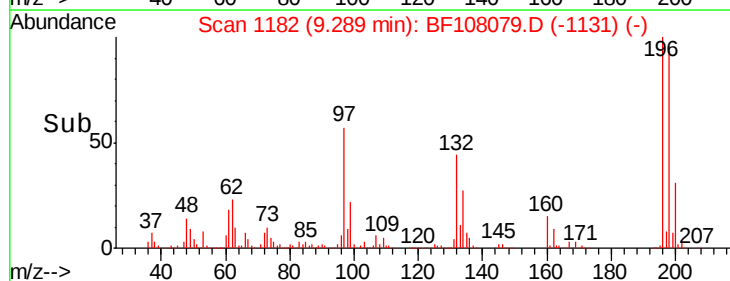
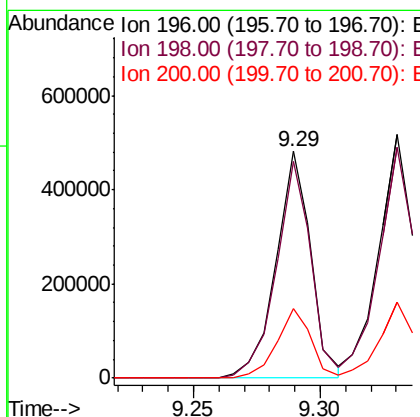
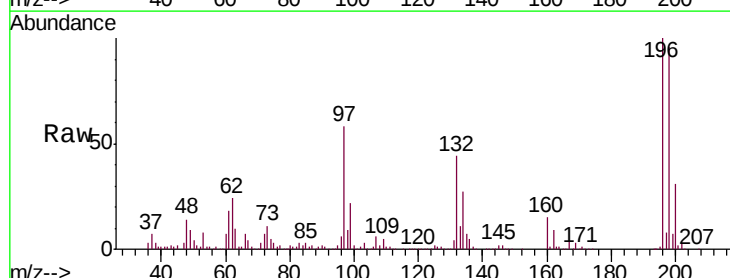
Manual Integrations
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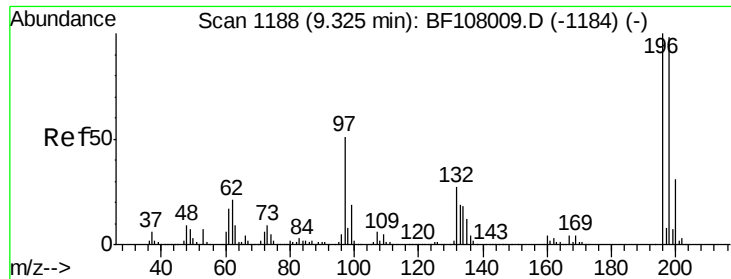
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#42
 2,4,6-Trichlorophenol
 Concen: 52.508 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	461780		
198	95.9	75.7	113.5	
200	30.6	24.5	36.7	





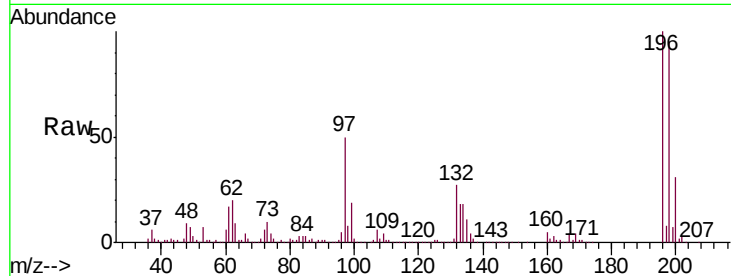
#43
 2,4,5-Trichlorophenol
 Concen: 51.079 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampled :
 PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	494504		
198	94.9	74.6	112.0	
97	49.6	42.9	64.3	
132	26.6	26.3	39.5	

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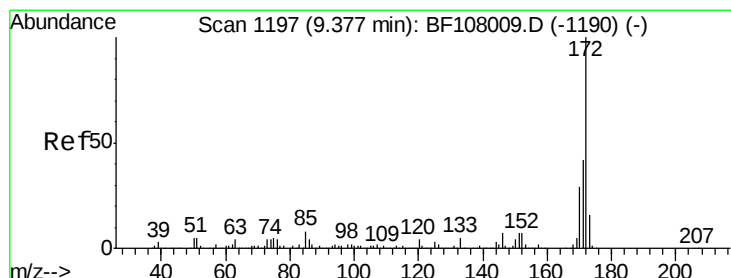
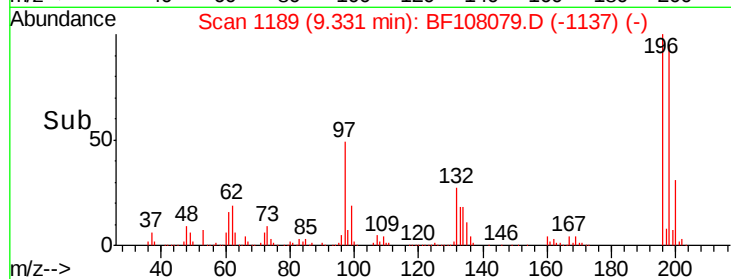
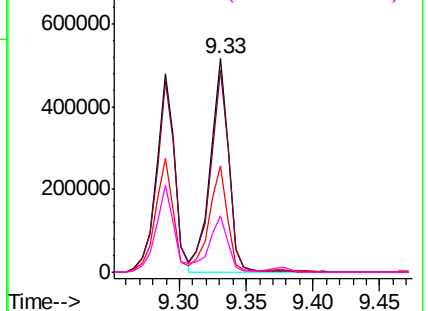
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

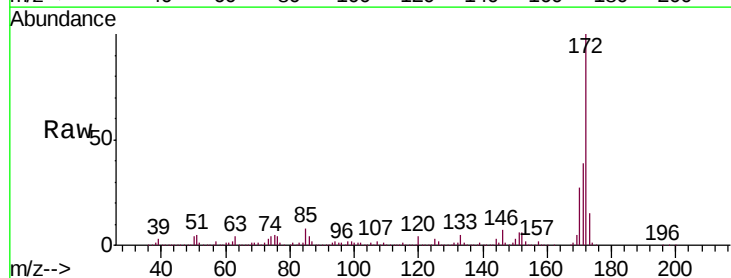
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.876 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2669766		
171	39.3	29.7	44.5	
170	27.1	19.6	29.4	

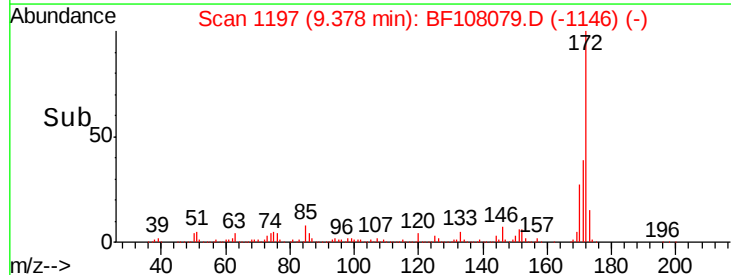
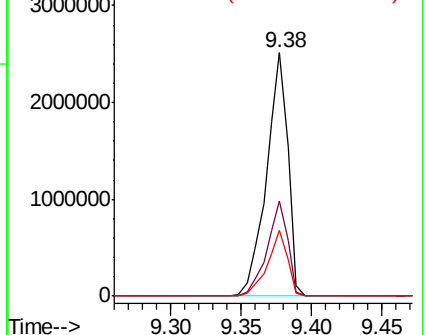


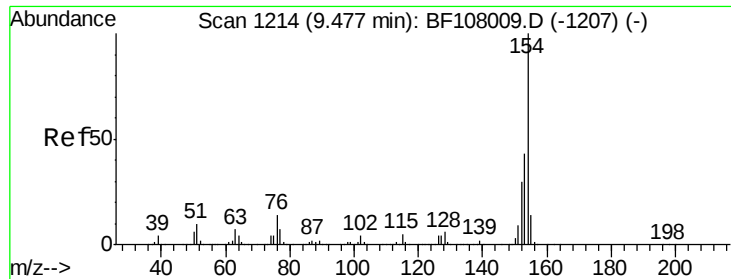
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





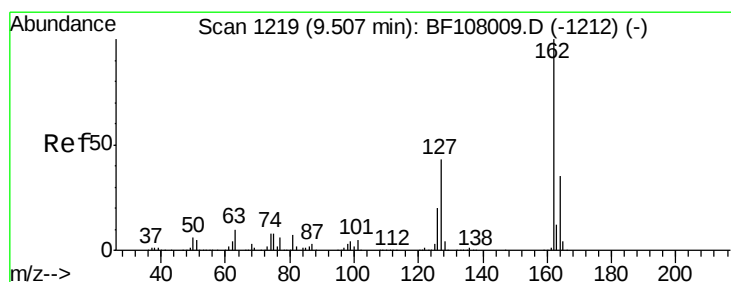
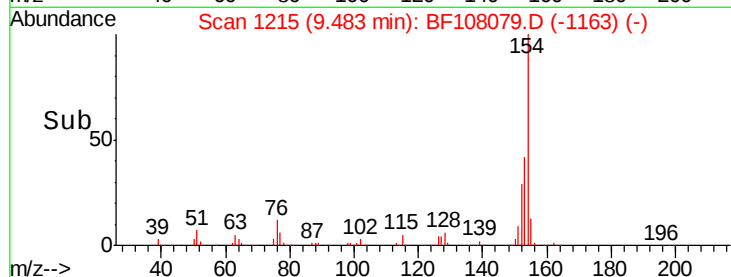
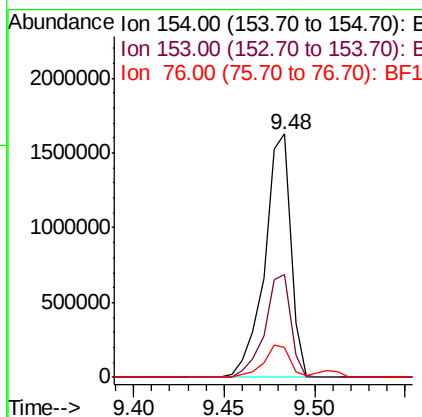
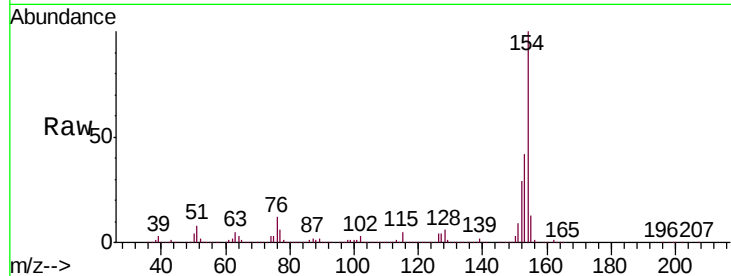
#45
 1,1'-Biphenyl
 Concen: 48.001 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.3	61.3
76	12.2	0.0	34.0

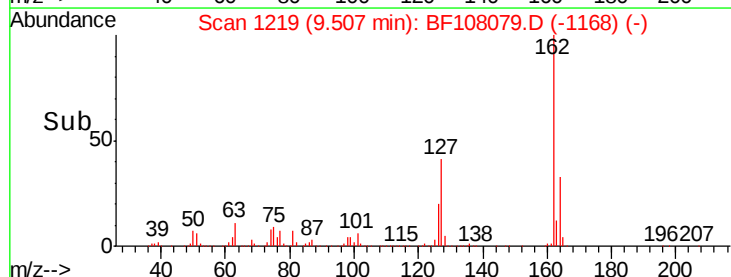
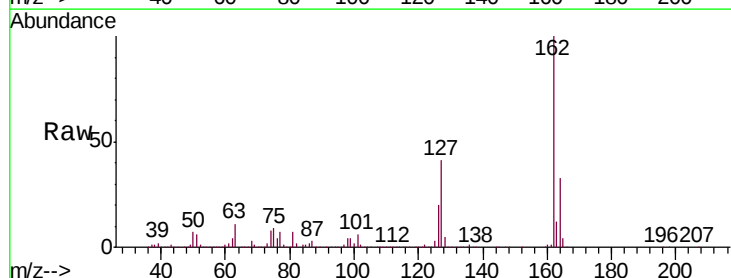
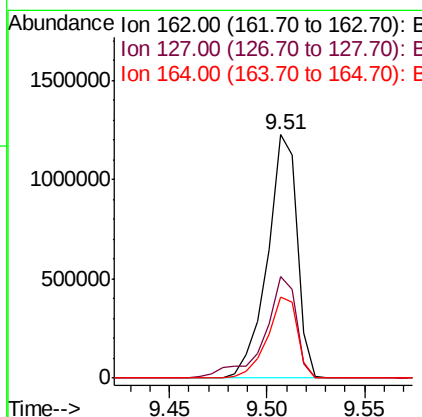
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 48.109 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.2	26.5	39.7





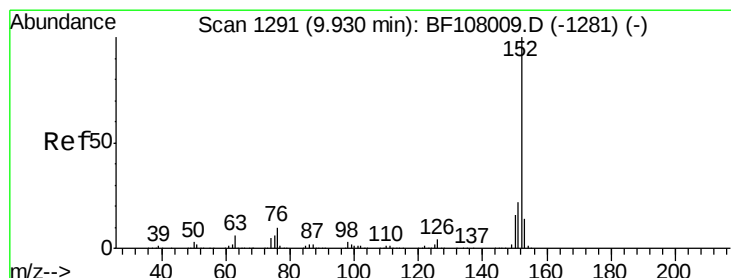
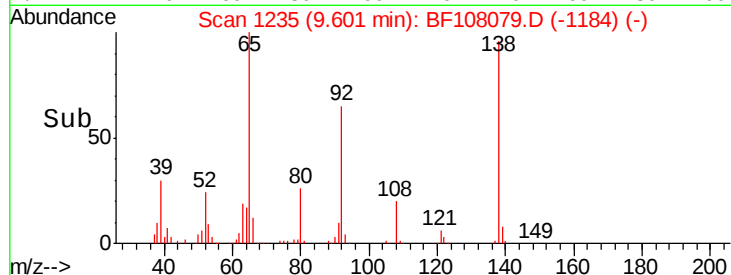
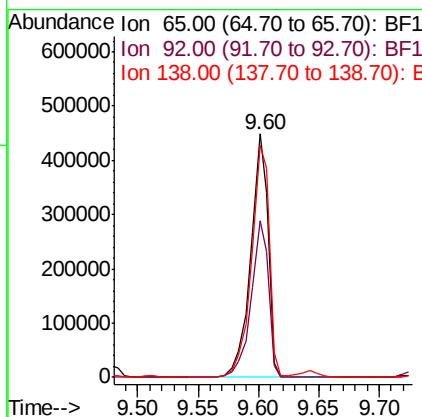
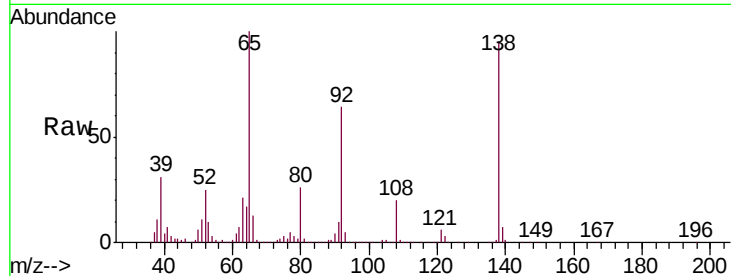
#47
2-Nitroaniline
Concen: 51.857 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	55.8	83.6
138	95.5	91.2	136.8

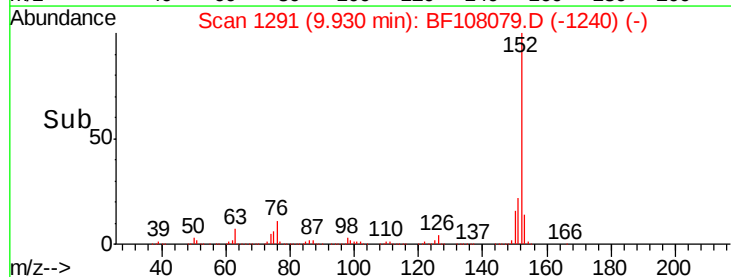
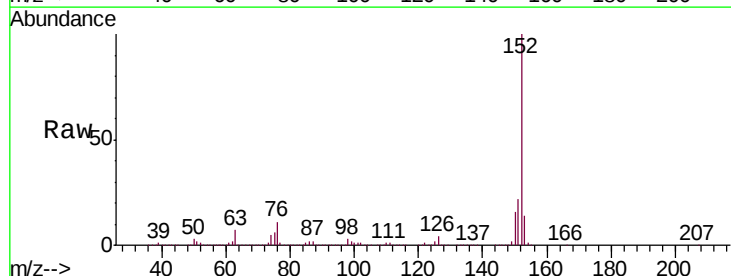
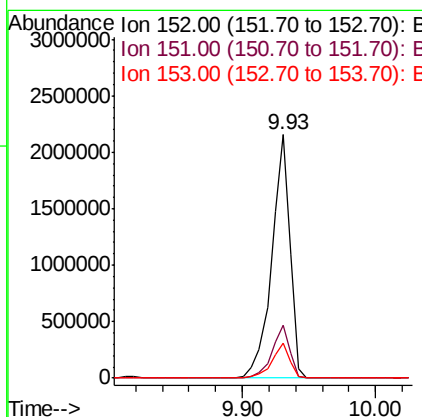
Manual Integrations
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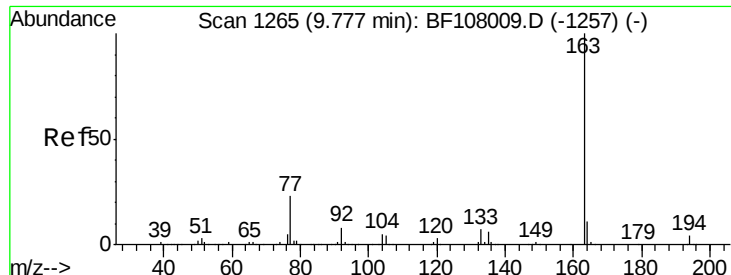
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#48
Acenaphthylene
Concen: 48.262 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	14.4	10.7	16.1





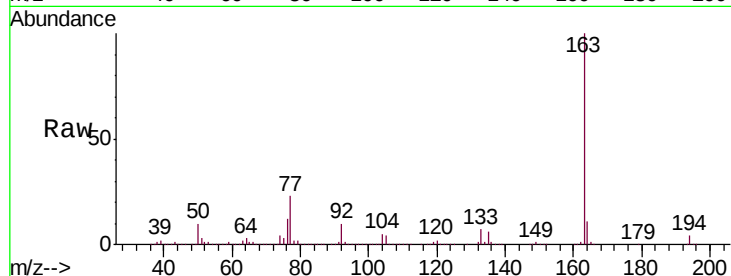
#49
Dimethylphthalate
Concen: 48.574 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.9	8.2	12.2

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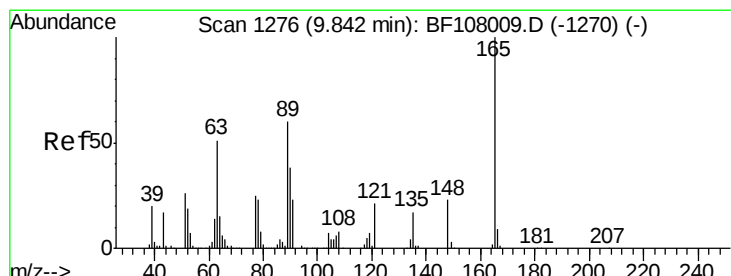
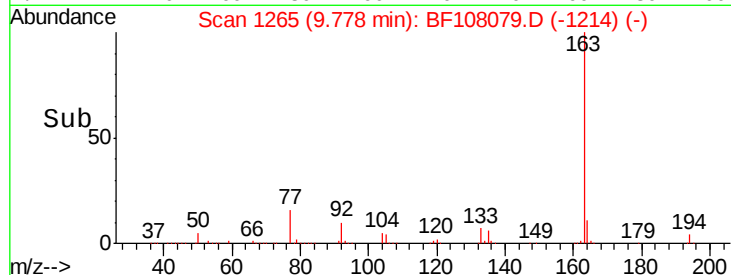
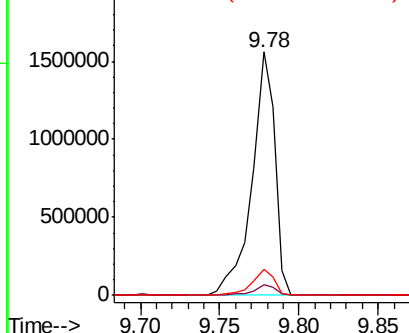


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 51.807 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

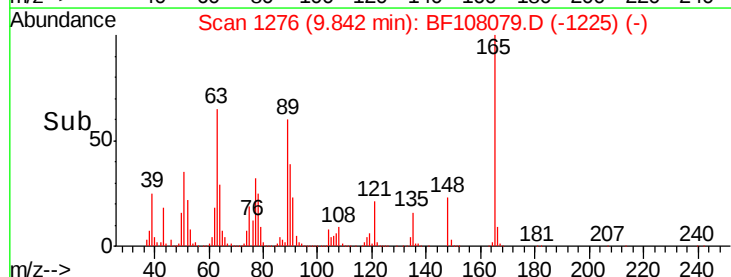
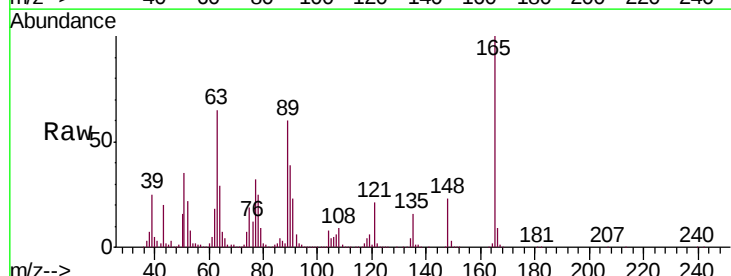
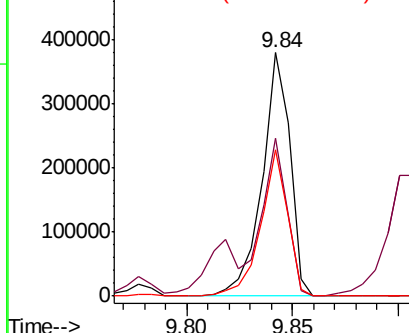
Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.7	44.7	67.1
89	60.3	44.0	66.0

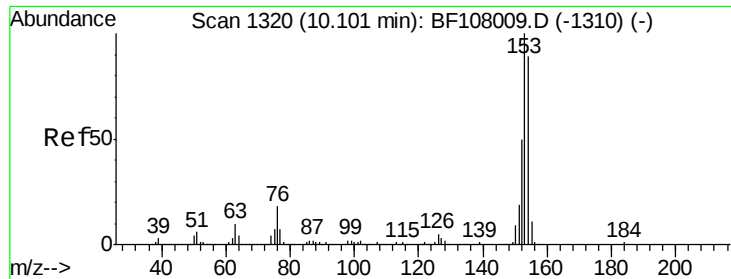
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 49.922 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion:154 Resp: 1300021

Ion Ratio Lower Upper

154 100

153 109.6 91.2 136.8

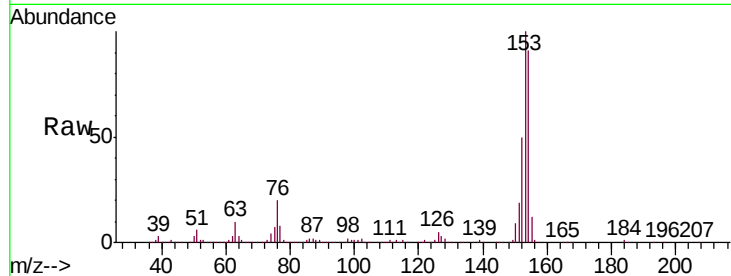
152 54.4 43.8 65.8

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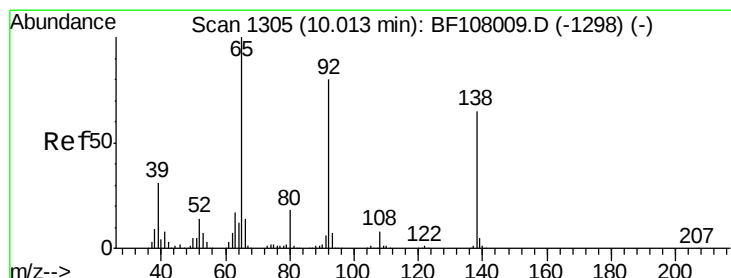
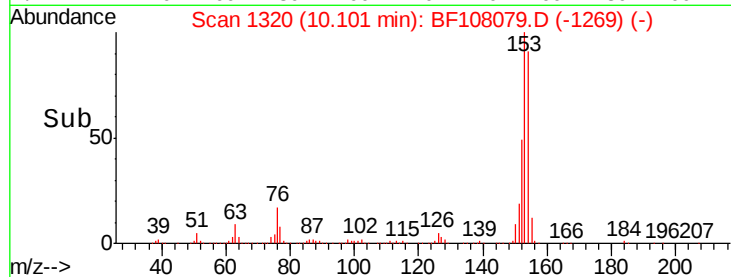
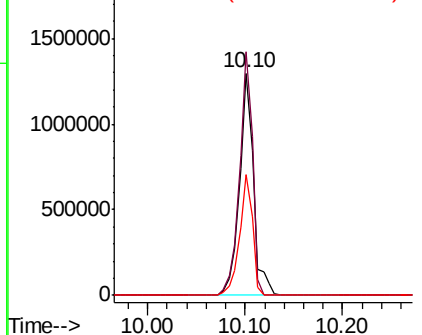
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.582 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

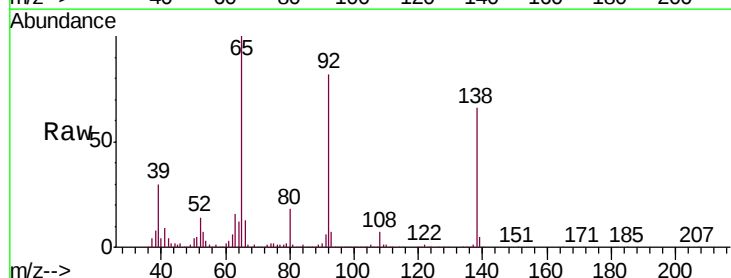
Tgt Ion:138 Resp: 283918

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

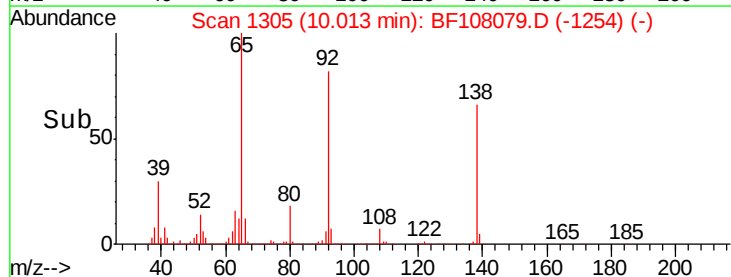
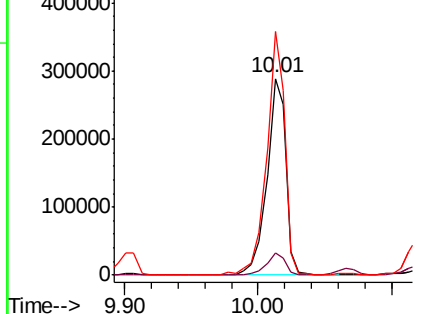
92 124.0 89.4 134.2

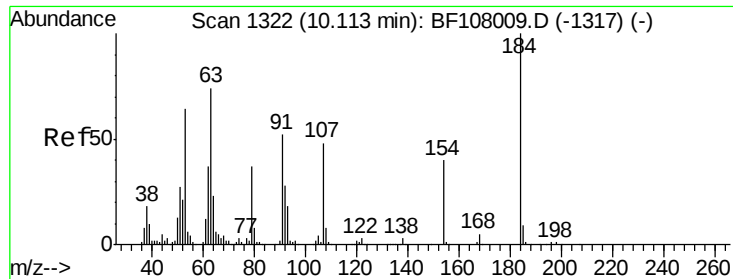


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





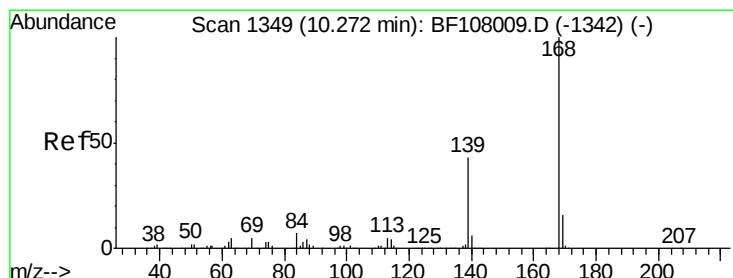
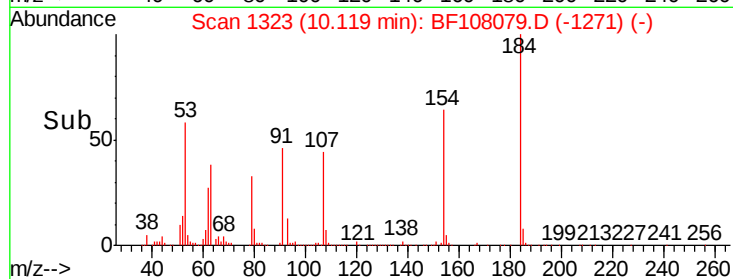
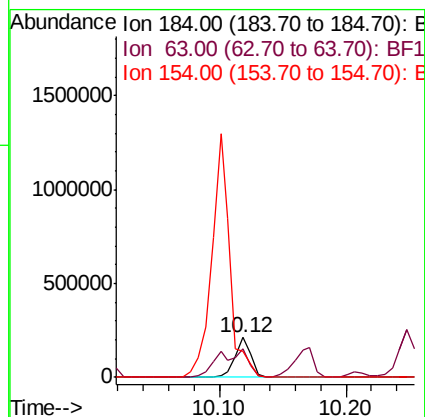
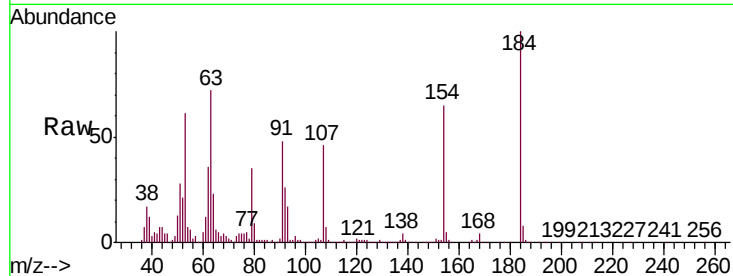
#53
2,4-Dinitrophenol
Concen: 72.958 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.8	54.2	81.2
154	64.6	184.0	276.0#

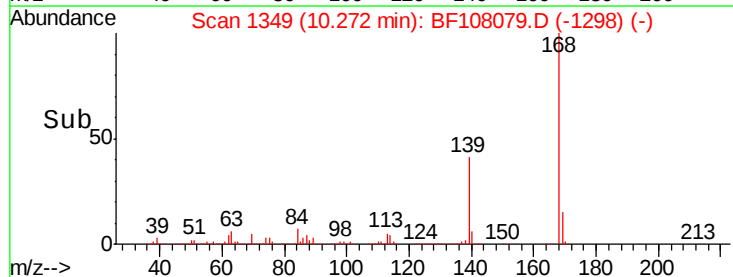
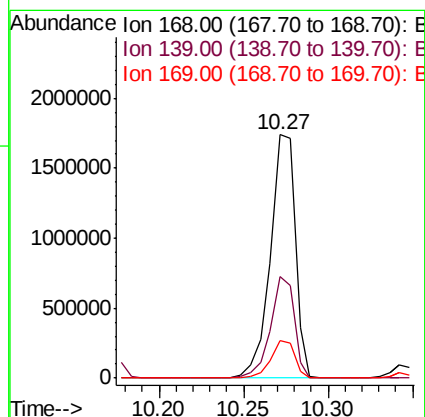
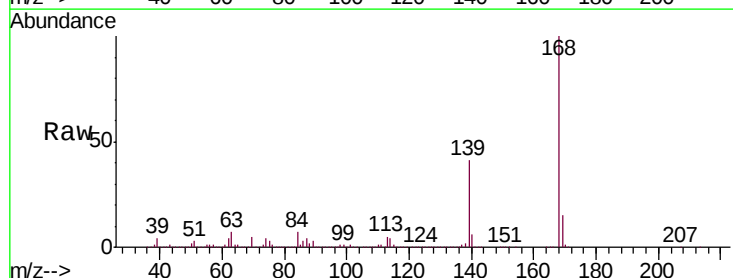
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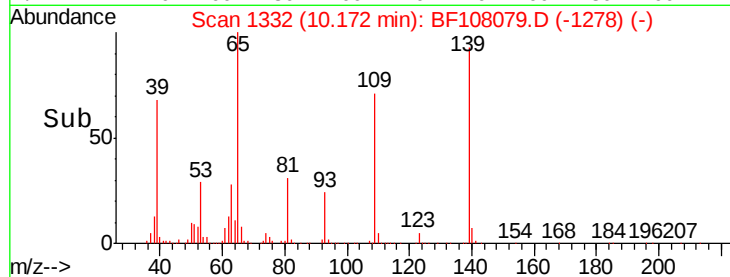
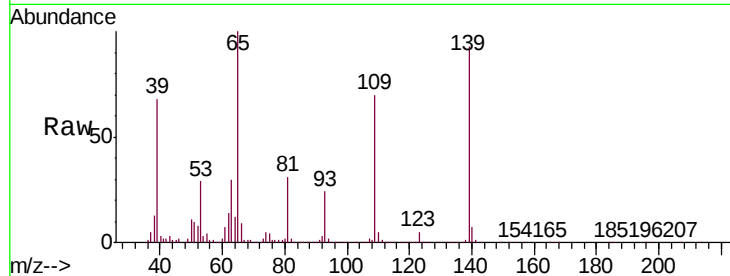
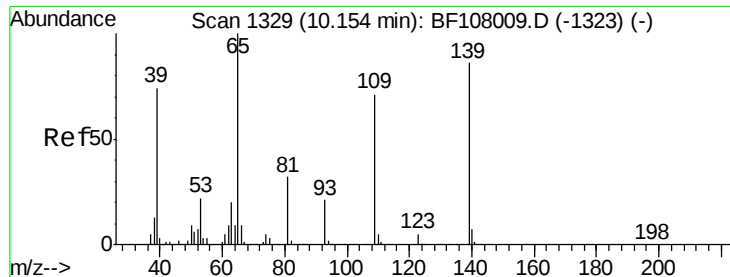
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#54
Dibenzofuran
Concen: 47.090 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	30.1	45.1
169	15.3	10.9	16.3





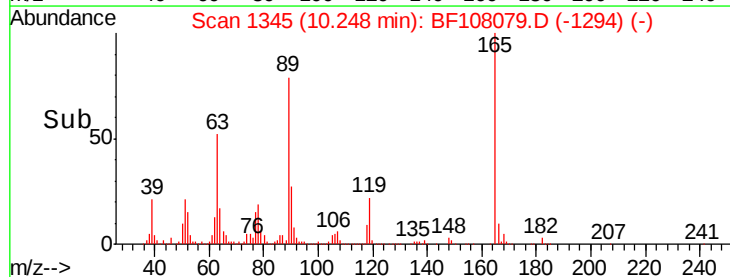
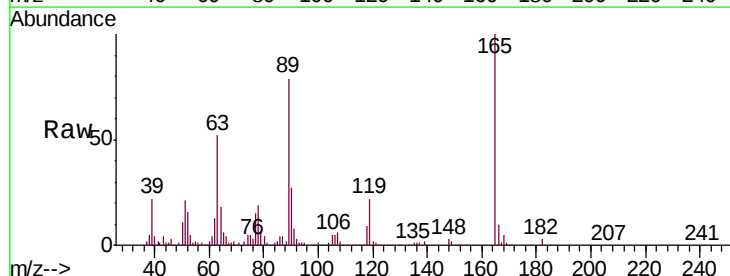
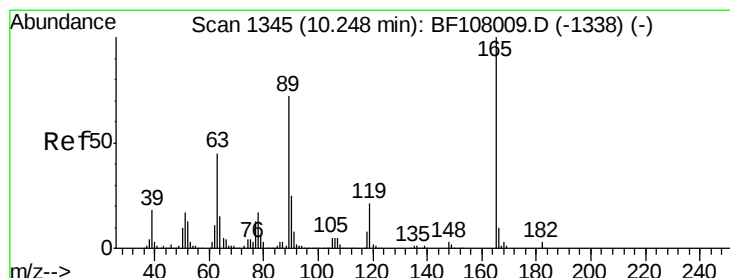
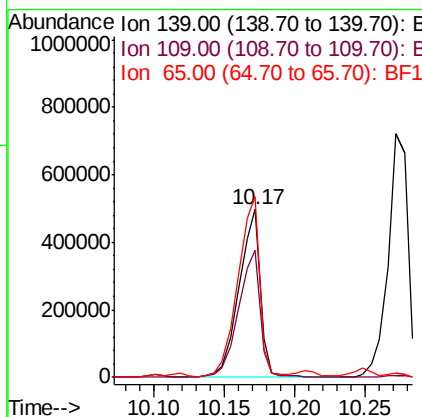
#55
4-Nitrophenol
Concen: 93.298 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	519909		
109	76.0	48.4	88.4	
65	107.9	72.6	112.6	

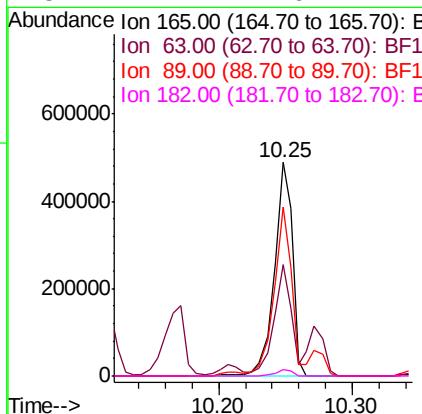
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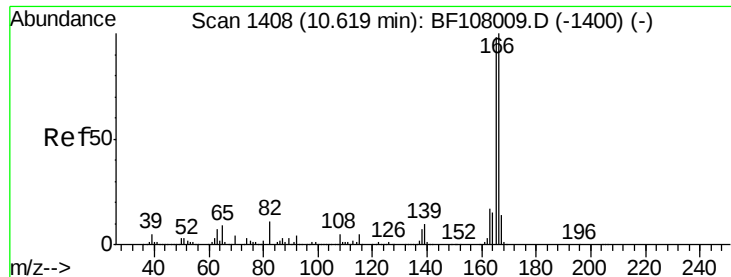
Sohil
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#56
2,4-Dinitrotoluene
Concen: 53.353 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	461898		
63	51.9	36.4	54.6	
89	79.1	57.8	86.6	
182	2.7	1.6	2.4	#





#57

Fluorene

Concen: 47.623 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion:166 Resp: 1422289

Ion Ratio Lower Upper

166 100

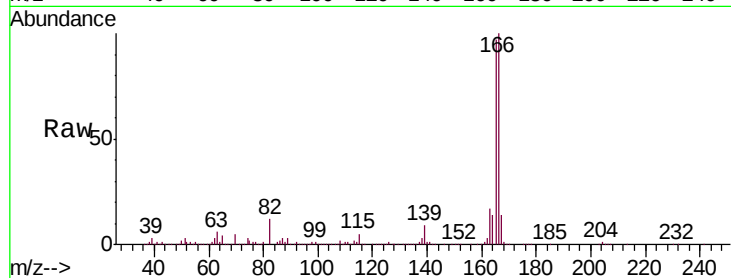
165 97.2 79.8 119.8

167 14.4 10.6 16.0

Manual Integrations
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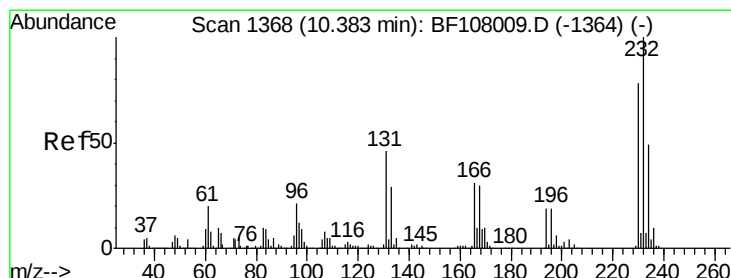
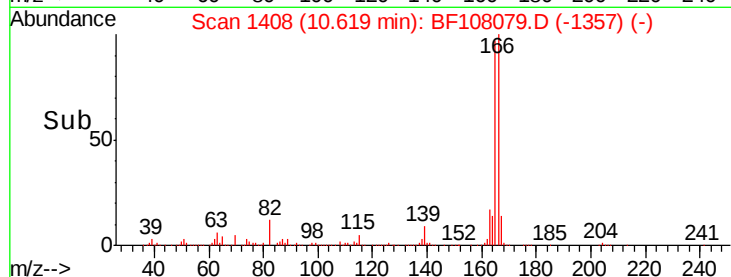
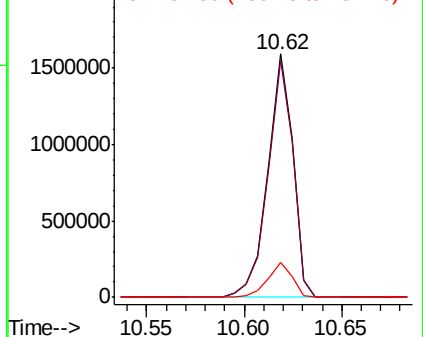


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.606 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion:232 Resp: 409488

Ion Ratio Lower Upper

232 100

131 42.5 43.8 65.8#

130 2.0 2.1 3.1#

166 28.7 27.8 41.6

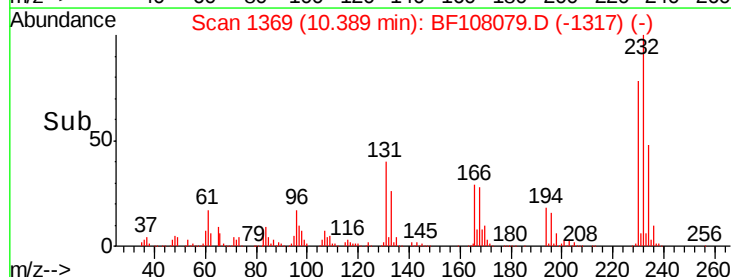
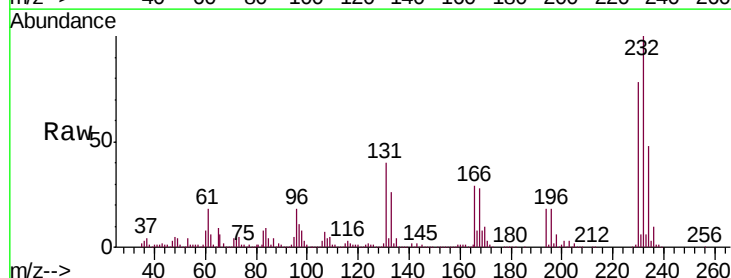
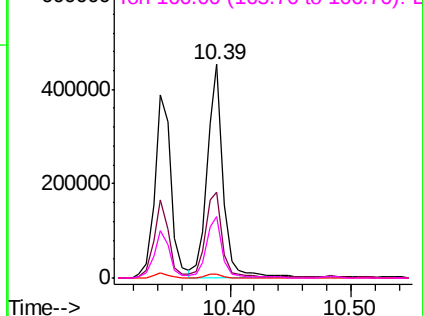
Abundance

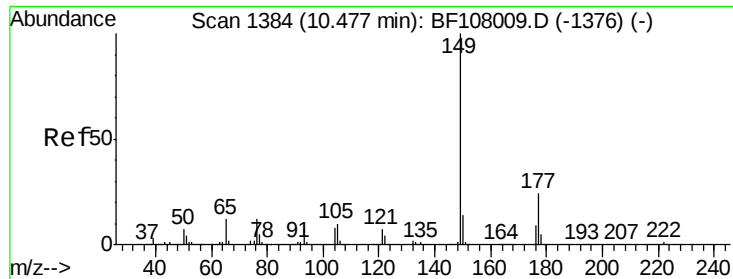
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.498 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion:149 Resp: 1540847

Ion Ratio Lower Upper

149 100

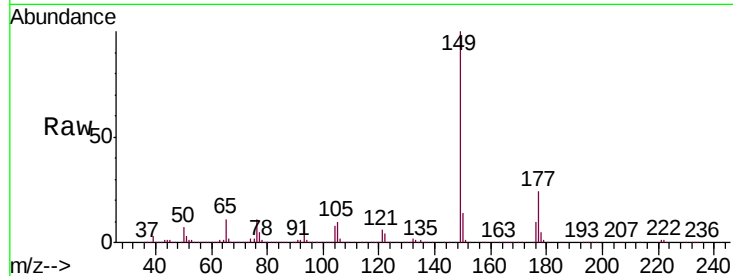
177 24.3 16.1 24.1#

150 13.5 10.1 15.1

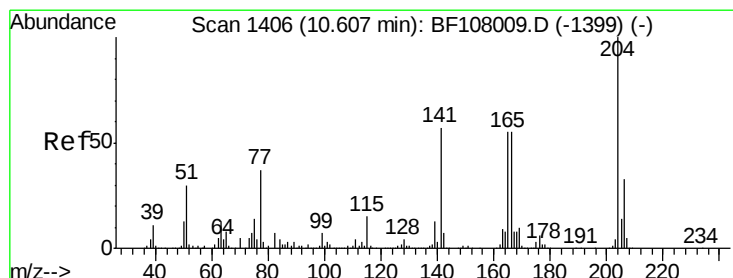
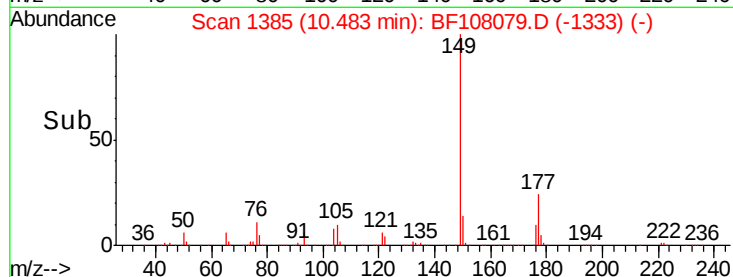
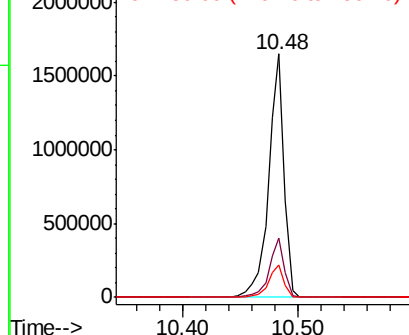
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.330 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

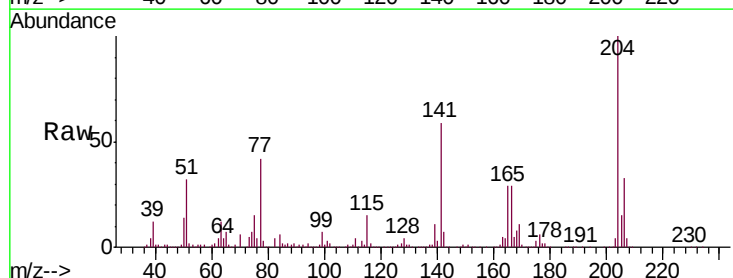
Tgt Ion:204 Resp: 736564

Ion Ratio Lower Upper

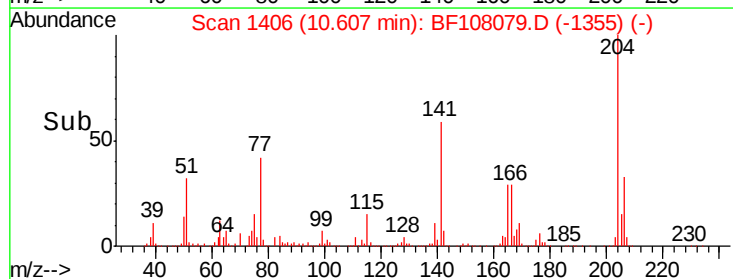
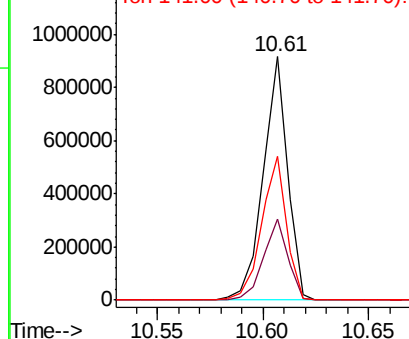
204 100

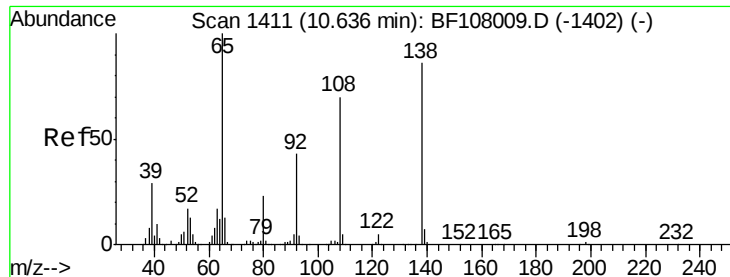
206 33.1 26.5 39.7

141 59.0 54.6 81.8



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





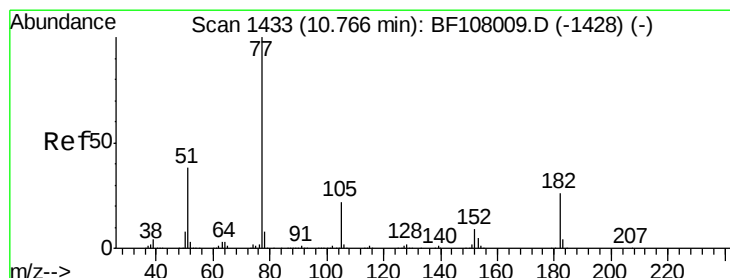
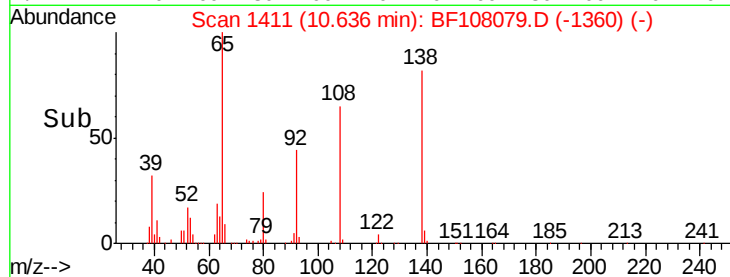
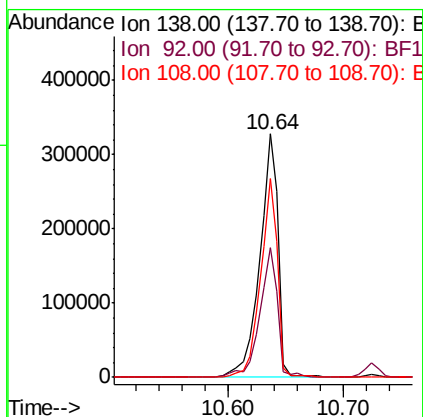
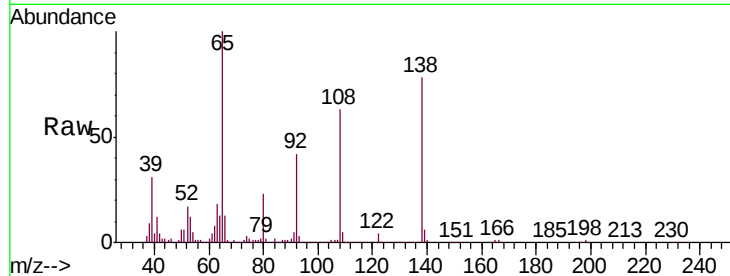
#61
4-Nitroaniline
Concen: 50.183 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.2	70.2
108	81.7	52.5	92.5

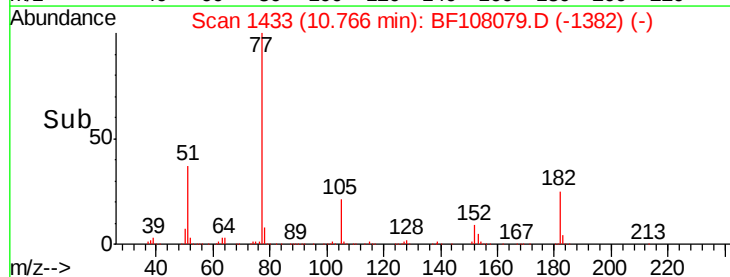
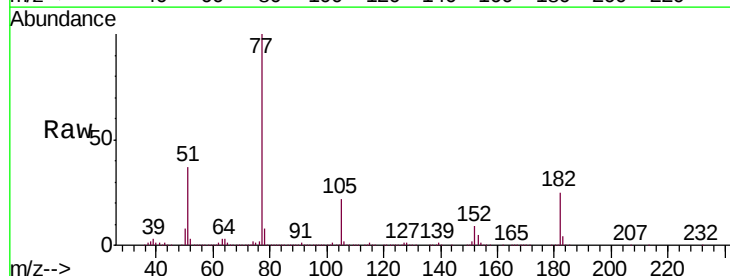
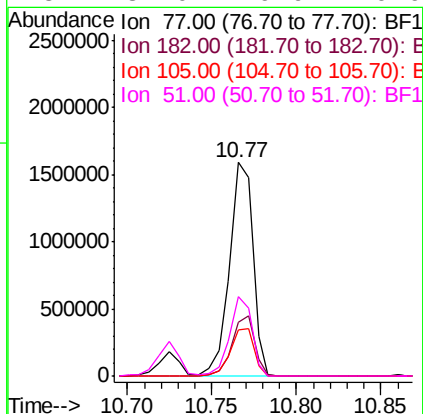
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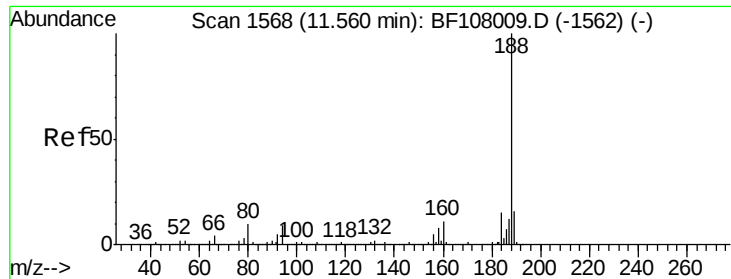
Sohil
8/13/2018 3:51:40 PM



#62
Azobenzene
Concen: 47.547 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	1.7	41.7
105	21.6	3.0	43.0
51	37.0	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.57 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

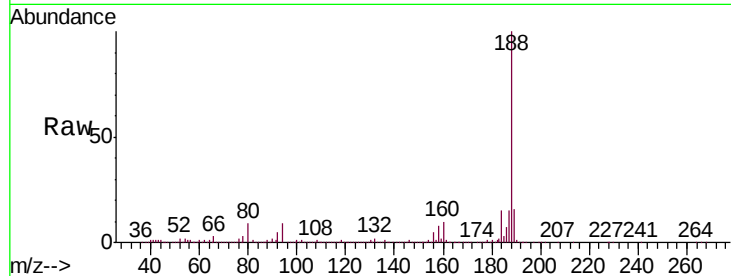
ClientSampleId :

PB111926BS

Tgt Ion:	188	Resp:	926809
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.5	12.7
80	9.5	9.2	13.8

Manual Integrations
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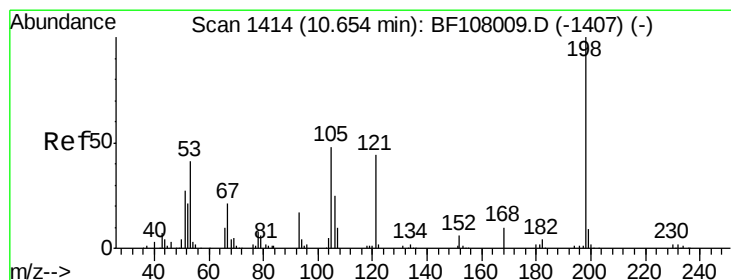
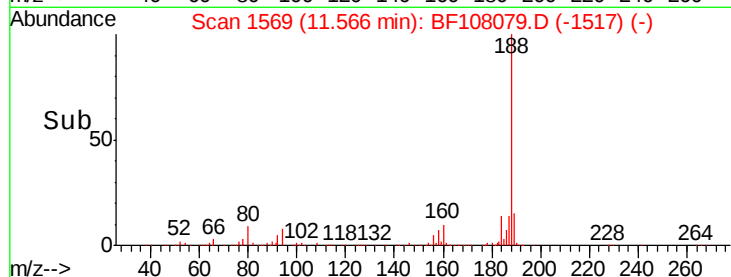
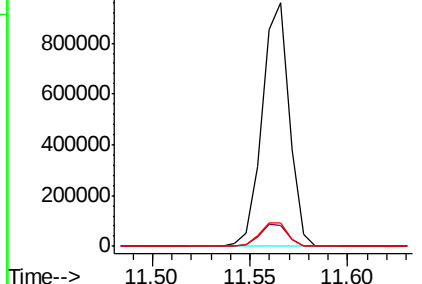
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 42.708 ng

RT: 10.66 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF108079.D

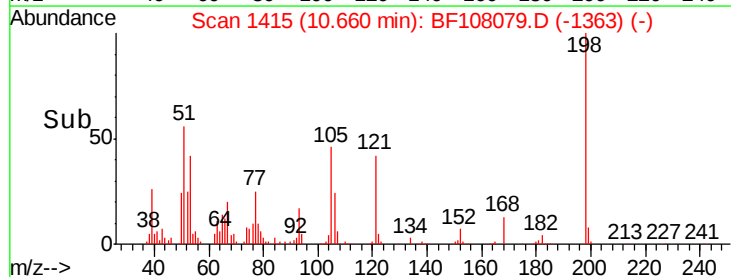
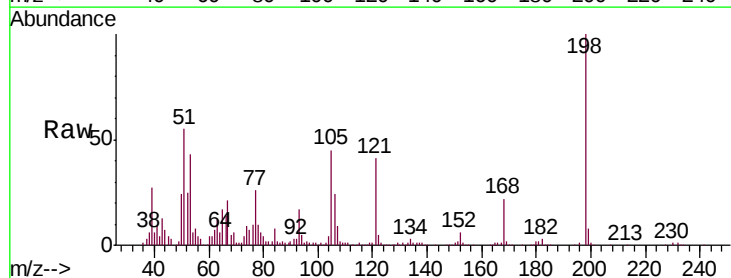
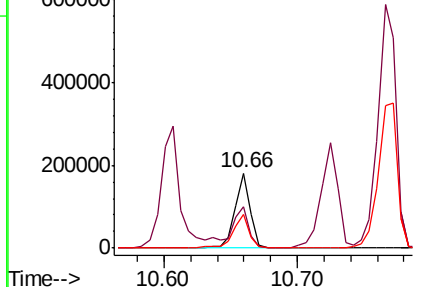
Acq: 10 Aug 2018 13:07

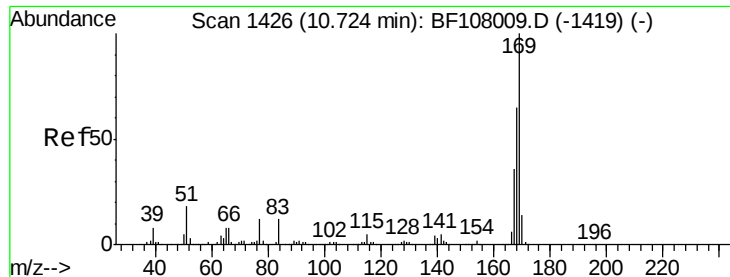
Tgt Ion:	198	Resp:	146291
Ion Ratio	Lower	Upper	
198	100		
51	54.8	37.7	77.7
105	44.8	36.3	76.3

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





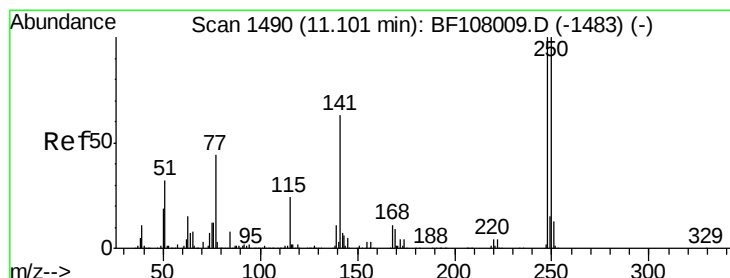
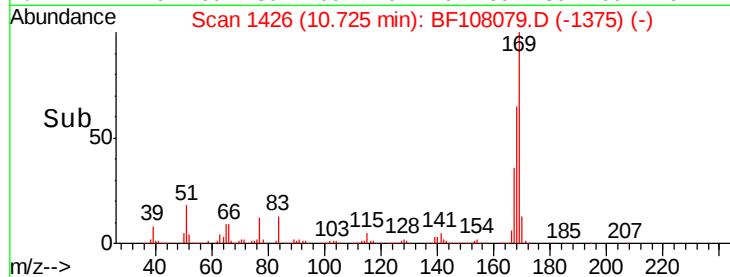
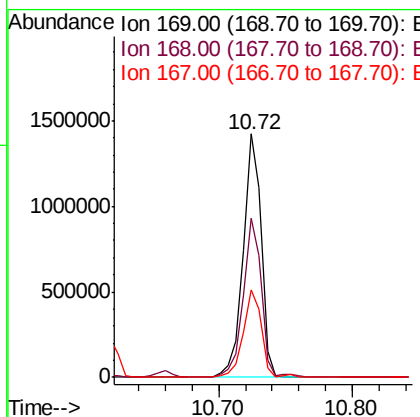
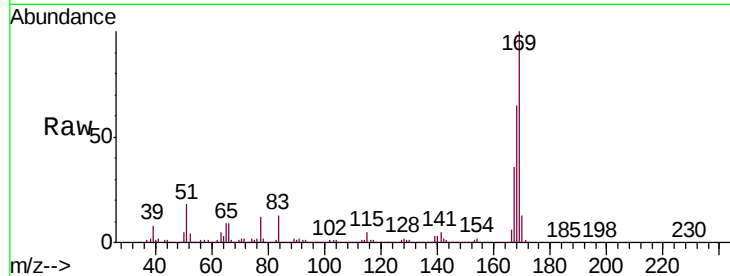
#65
n-Nitrosodiphenylamine
Concen: 48.332 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	54.4	81.6
167	35.7	29.8	44.6

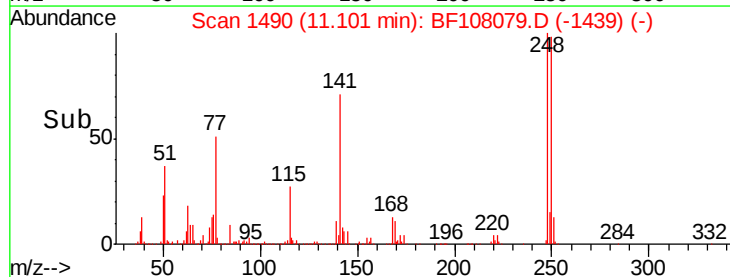
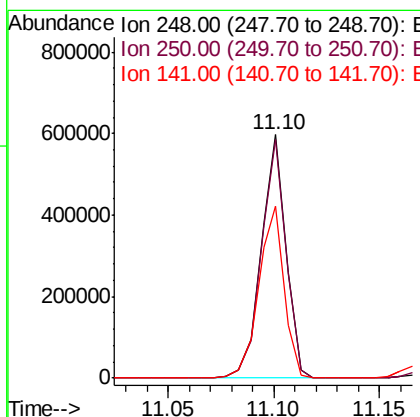
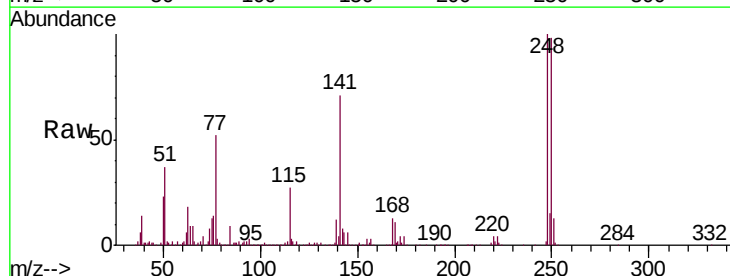
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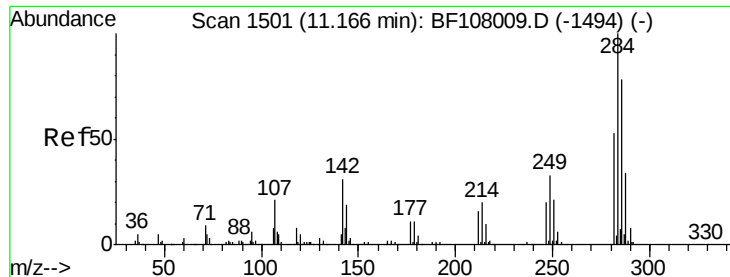
Sohil
8/13/2018 3:51:40 PM



#66
4-Bromophenyl-phenylether
Concen: 48.262 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	70.7	74.4	111.6#





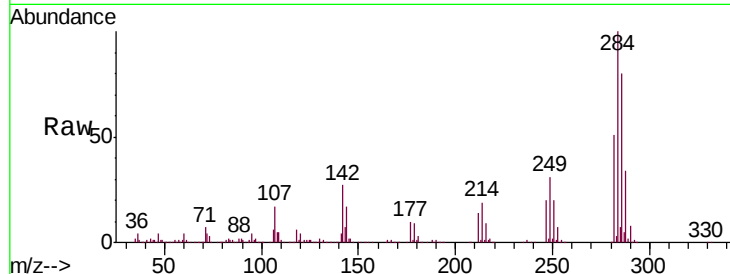
#67
Hexachlorobenzene
Concen: 48.110 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	509832		
142	26.9	34.6	52.0	
249	31.3	24.8	37.2	

Manual Integrations
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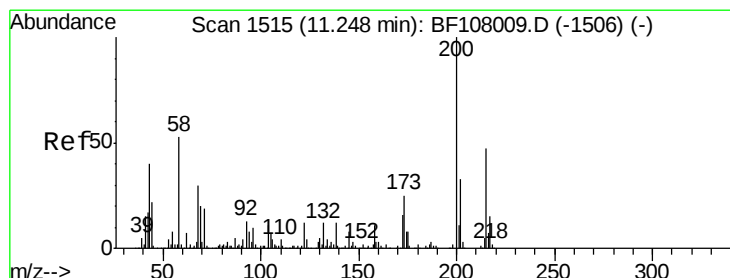
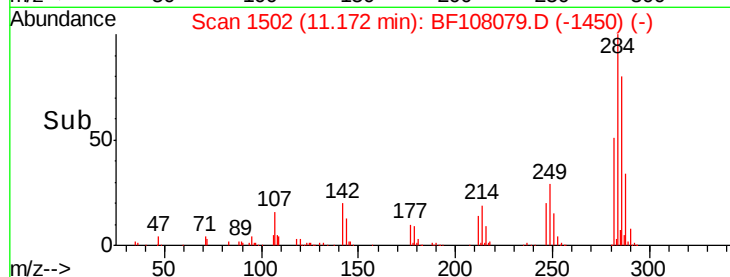
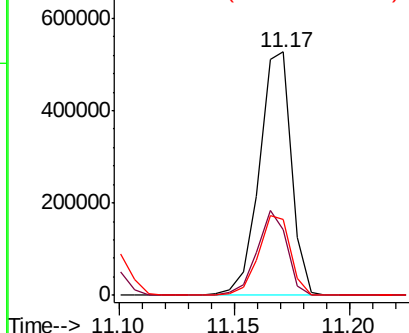


Abundance

Ion 283.80 (283.50 to 284.50): E

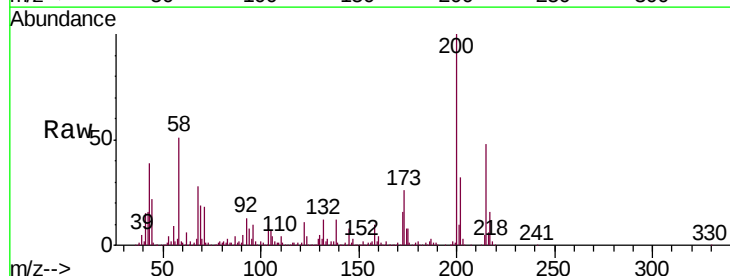
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 48.745 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	447777		
173	25.8	8.6	48.6	
215	47.6	25.1	65.1	

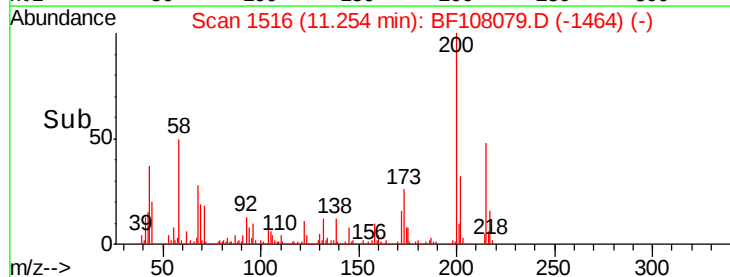
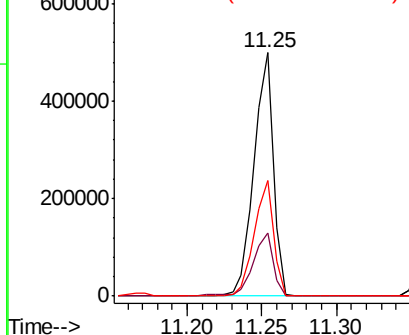


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





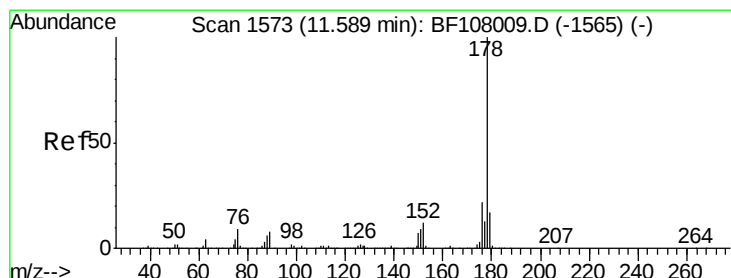
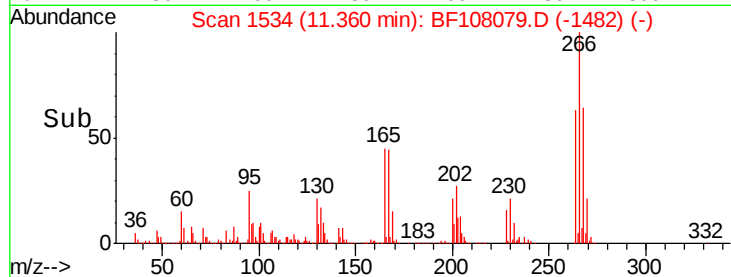
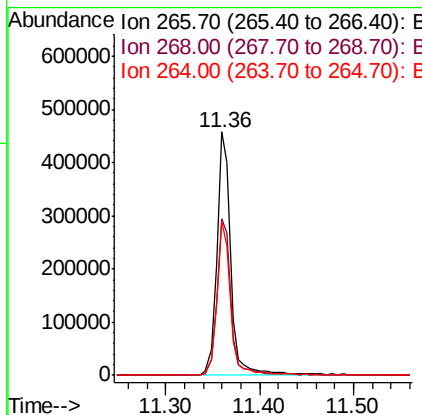
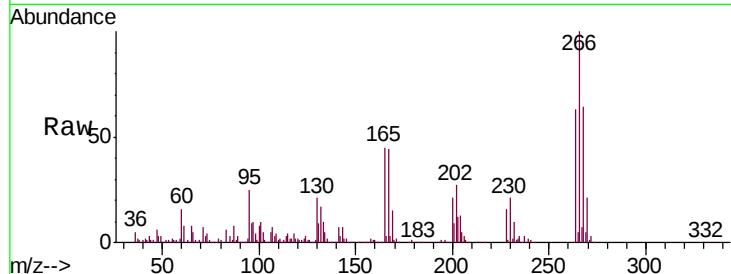
#69
 Pentachlorophenol
 Concen: 94.865 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	481187		
268	64.3	51.1	76.7	
264	63.5	49.5	74.3	

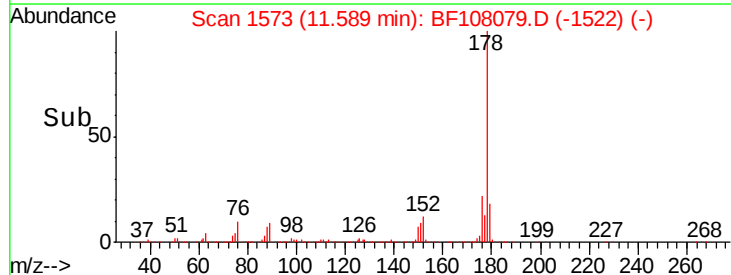
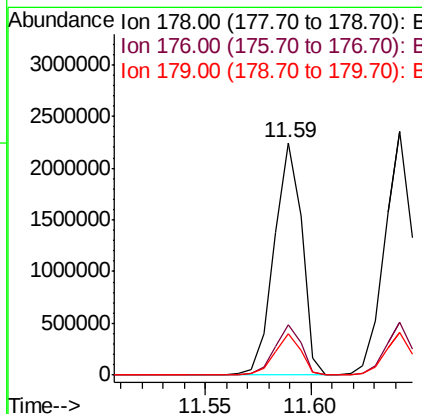
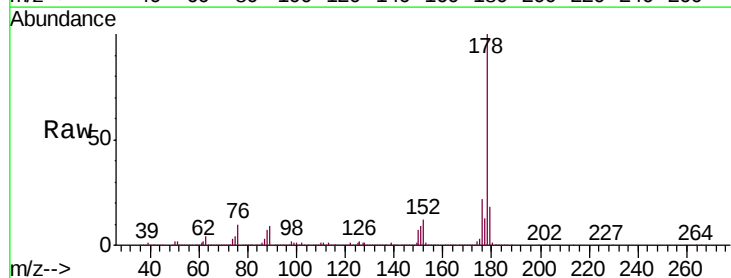
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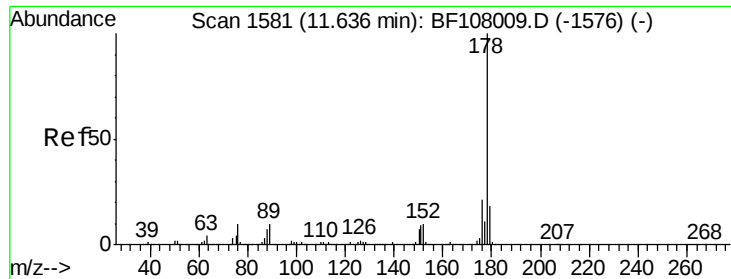
Sohil
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#70
 Phenanthrene
 Concen: 46.846 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2047856		
176	21.9	15.8	23.8	
179	17.6	13.0	19.6	





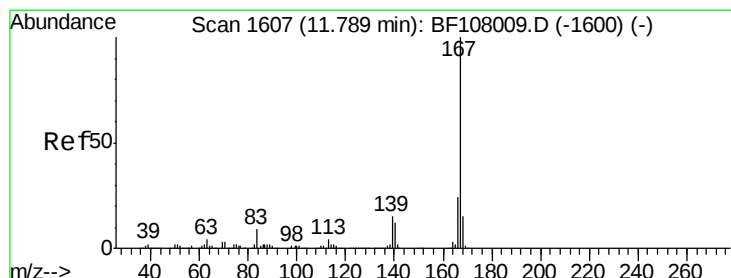
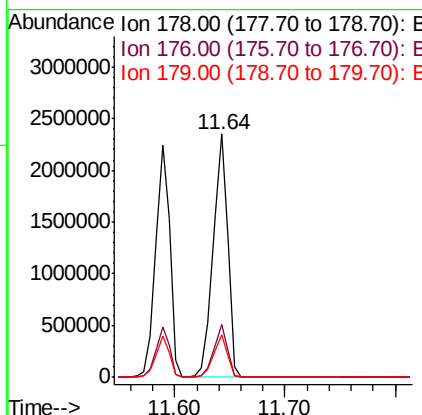
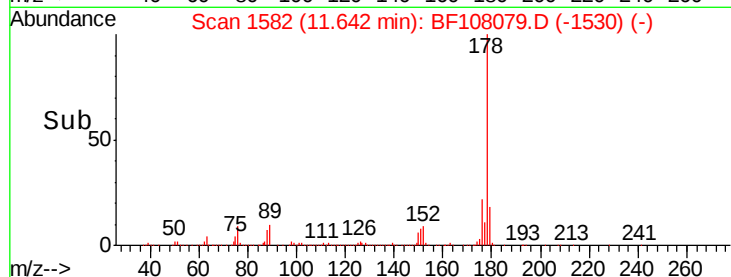
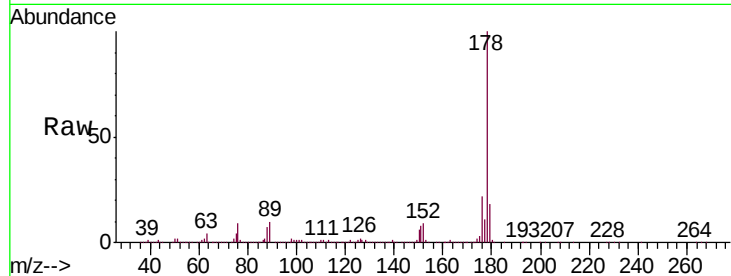
#71
 Anthracene
 Concen: 47.206 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion:178 Resp: 2115029
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.4 23.2
 179 17.6 12.6 19.0

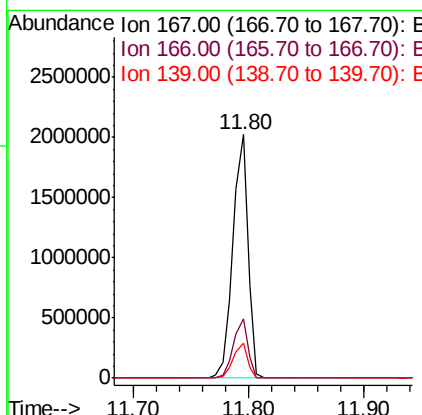
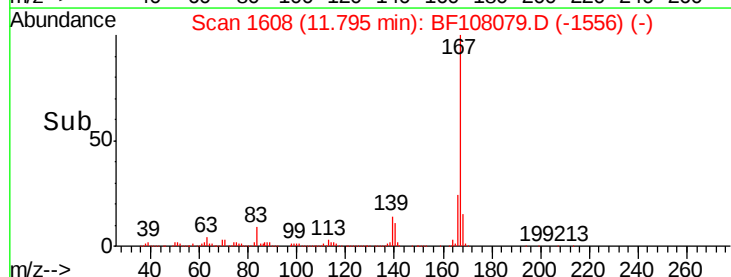
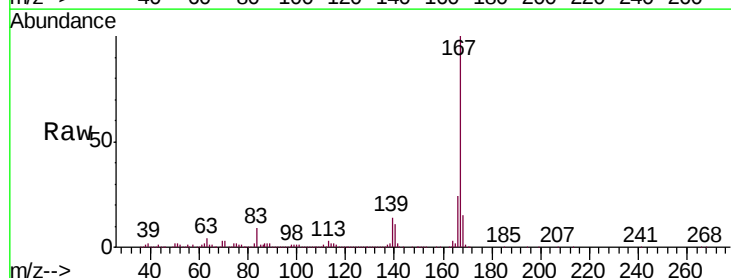
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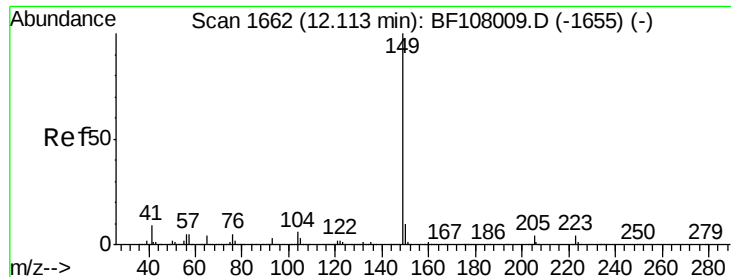
Sohil
 8/13/2018 3:51:40 PM



#72
 Carbazole
 Concen: 46.223 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion:167 Resp: 1840021
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 50.737 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

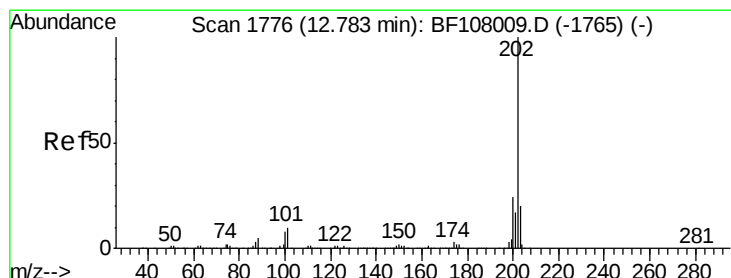
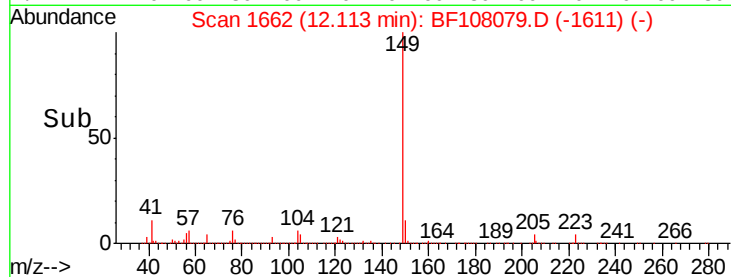
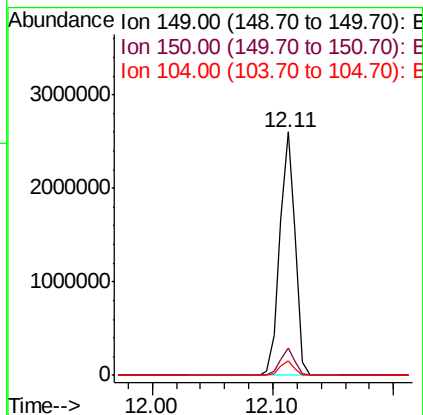
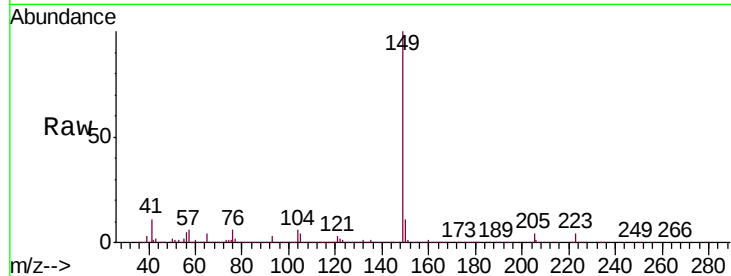
ClientSampleId :

PB111926BS

Tgt Ion:	149	Resp:	2287689
Ion Ratio	Lower	Upper	
149	100		
150	11.0	7.8	11.6
104	6.0	3.8	5.8

Manual Integrations
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Sohil
8/13/2018 3:51:40 PM



#74

Fluoranthene

Concen: 45.586 ng

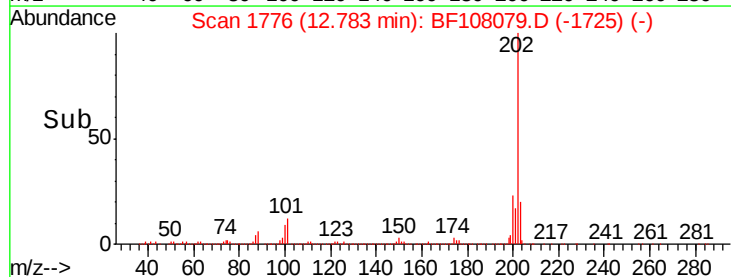
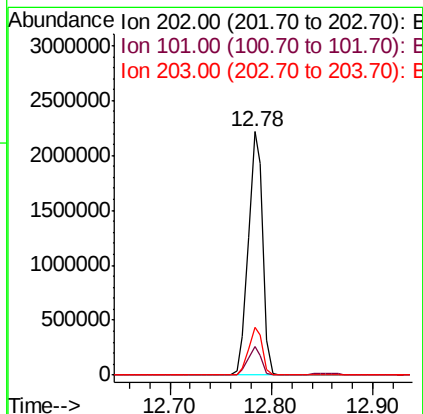
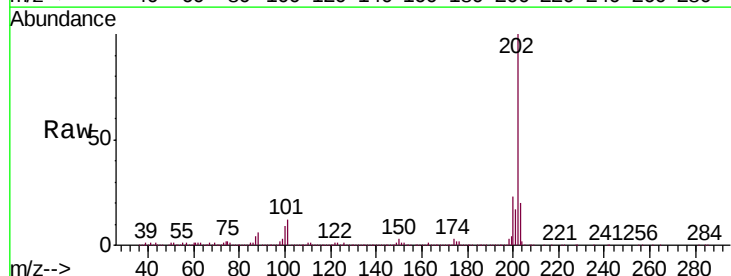
RT: 12.78 min Scan# 1776

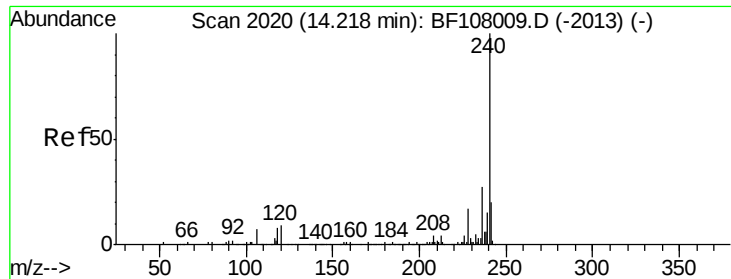
Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion:	202	Resp:	2174861
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	19.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

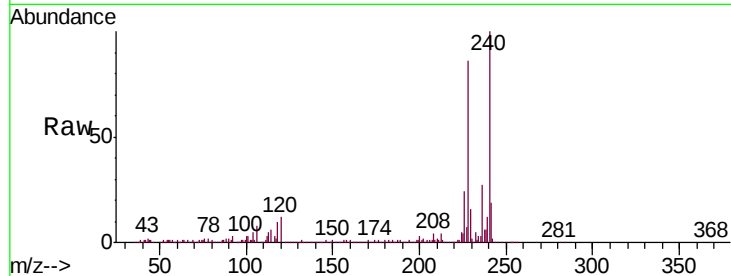
ClientSampleId :

PB111926BS

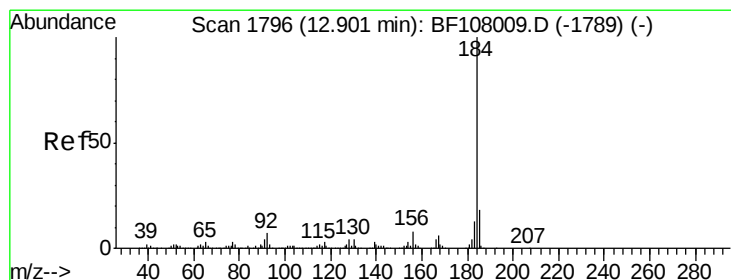
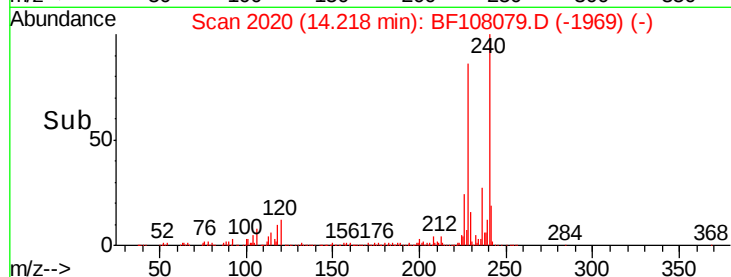
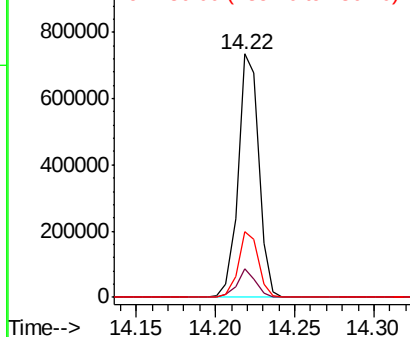
Tgt Ion:	240	Resp:	661907
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	26.7	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.266 ng

RT: 12.90 min Scan# 1796

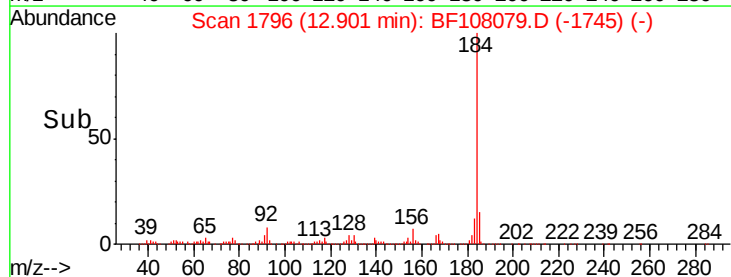
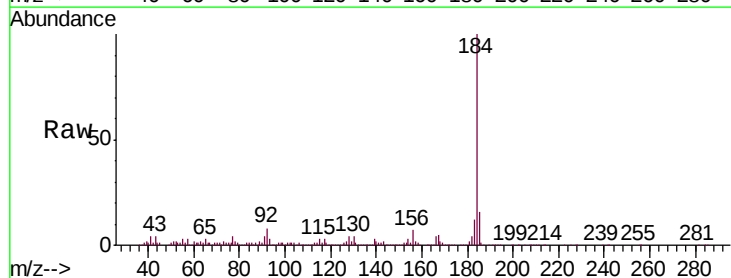
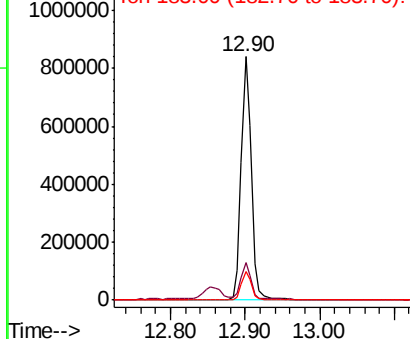
Delta R.T. 0.00 min

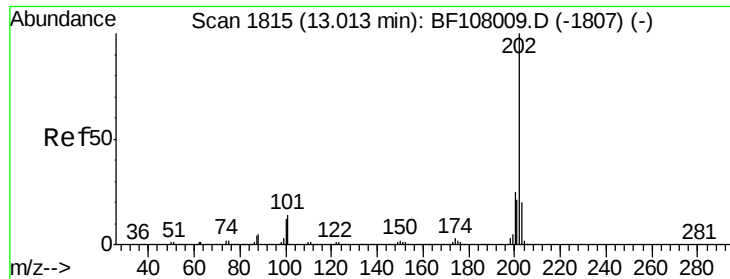
Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Tgt Ion:	184	Resp:	797942
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	11.7	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
1000000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





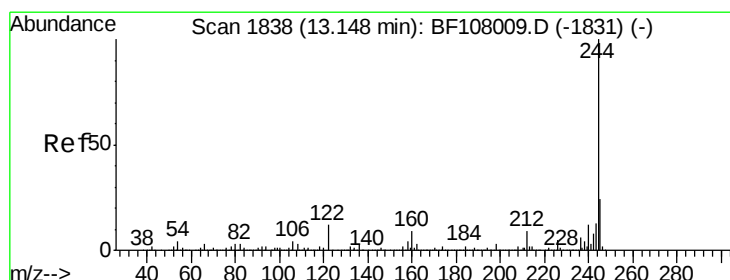
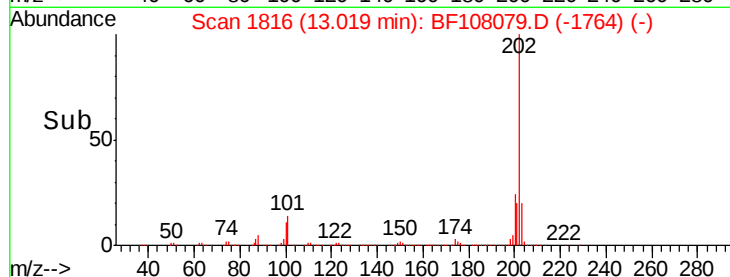
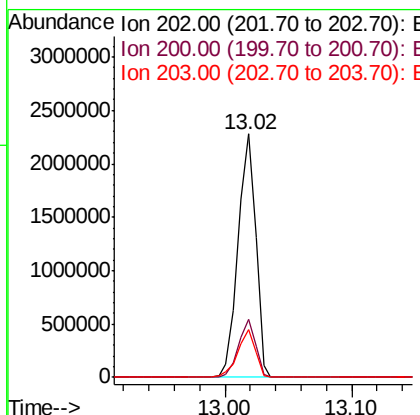
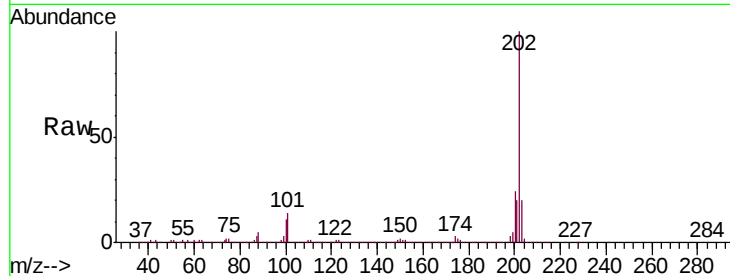
#77
 Pyrene
 Concen: 51.815 ng
 RT: 13.02 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.4	26.2
203	19.6	14.3	21.5

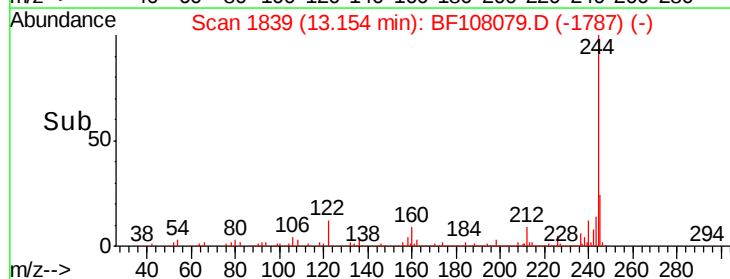
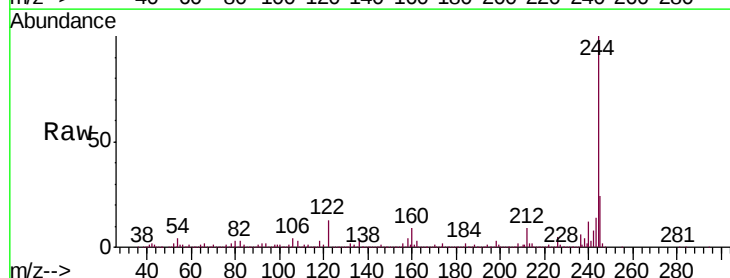
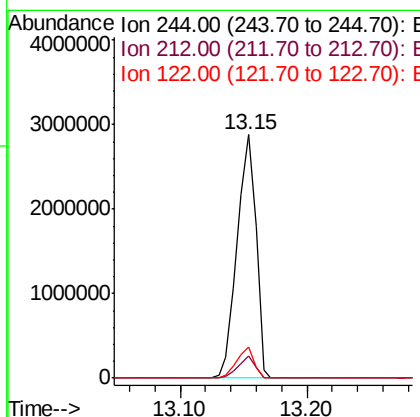
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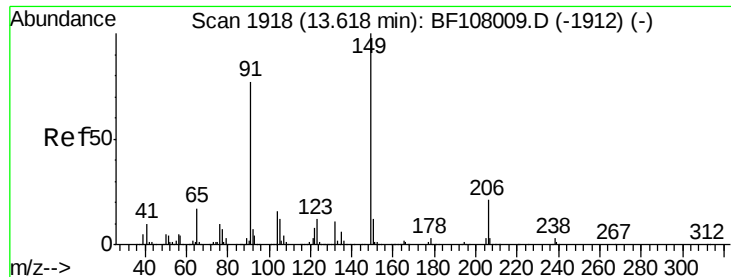
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#78
 Terphenyl-d14
 Concen: 112.752 ng
 RT: 13.15 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.4	8.0#
122	12.5	11.0	16.4





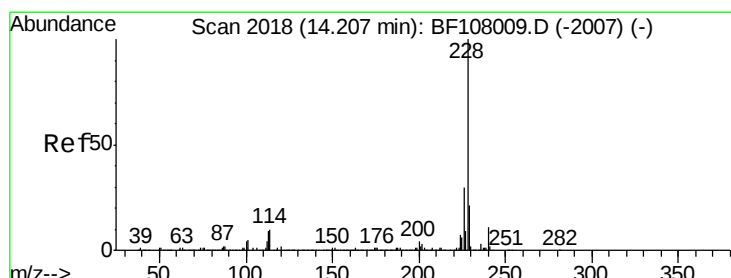
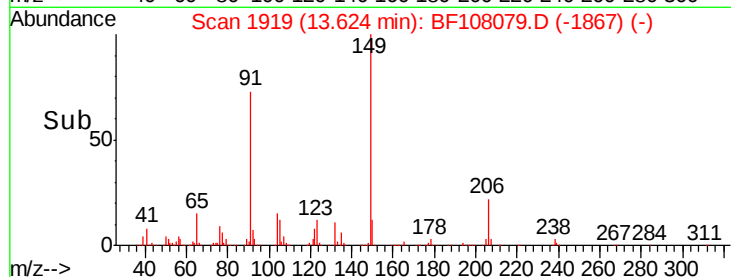
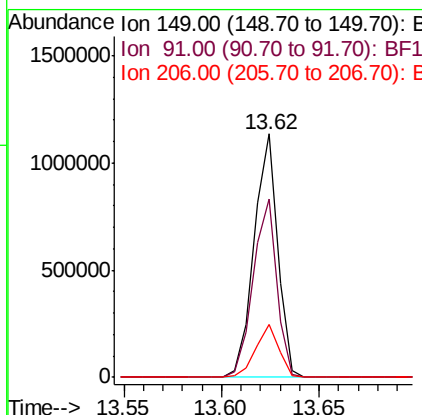
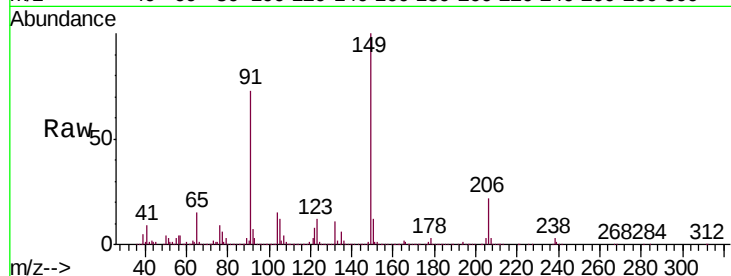
#79
Butylbenzylphthalate
Concen: 57.218 ng
RT: 13.62 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.1	56.8	85.2
206	21.6	14.1	21.1

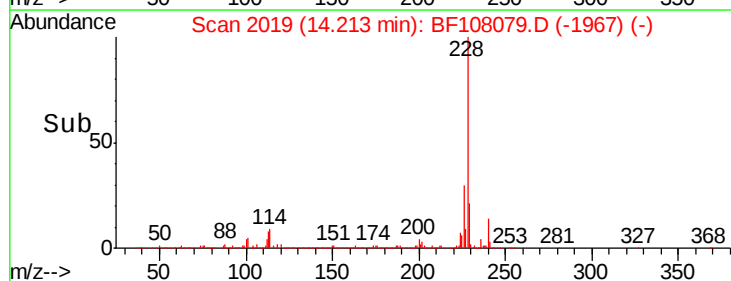
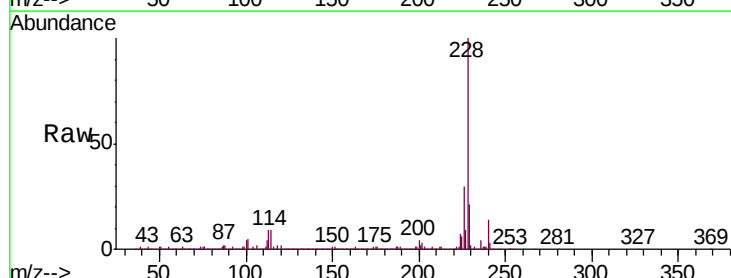
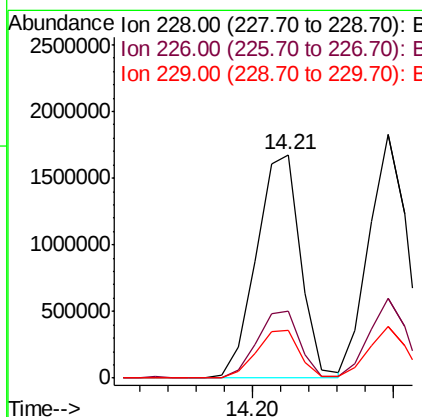
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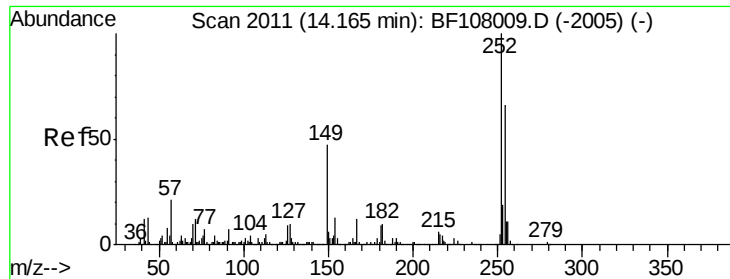
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#80
Benzo(a)anthracene
Concen: 47.907 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	22.6	33.8
229	21.2	15.8	23.6





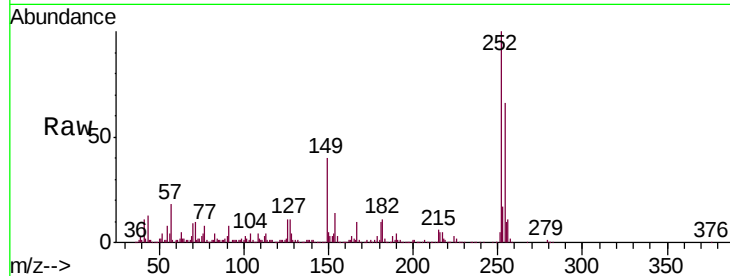
#81
3,3'-Dichlorobenzidine
Concen: 37.637 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.4	75.6
126	10.7	11.3	16.9

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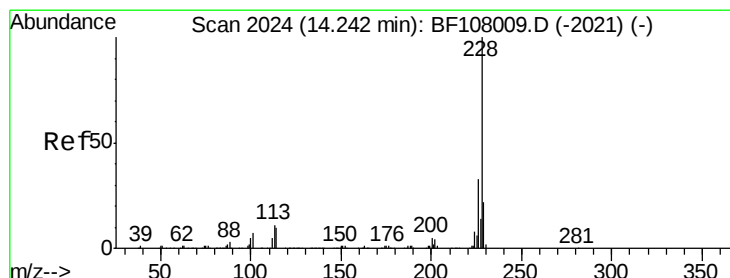
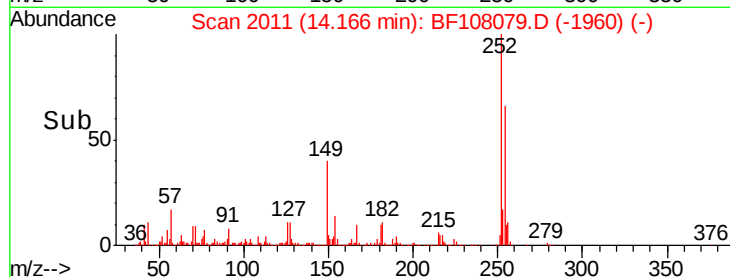
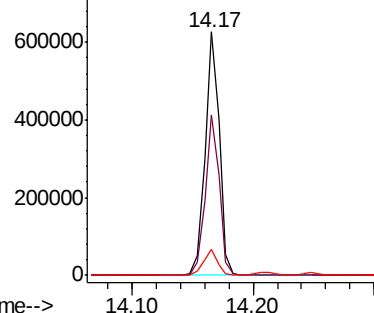


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
Chrysene
Concen: 48.090 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

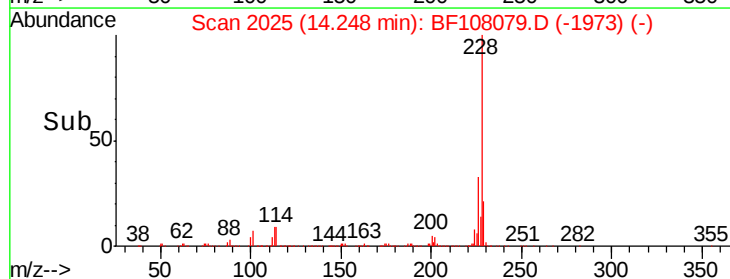
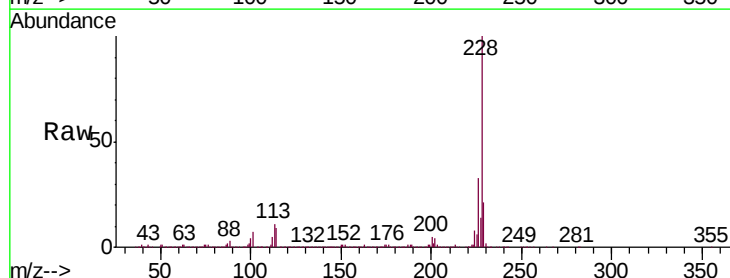
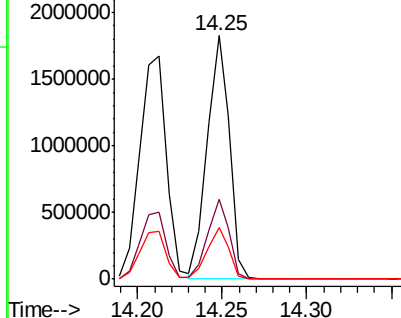
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	21.4	16.2	24.4

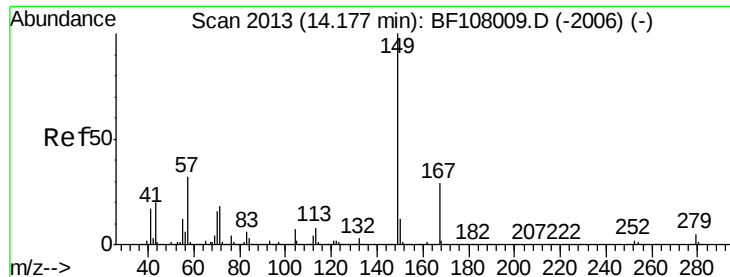
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





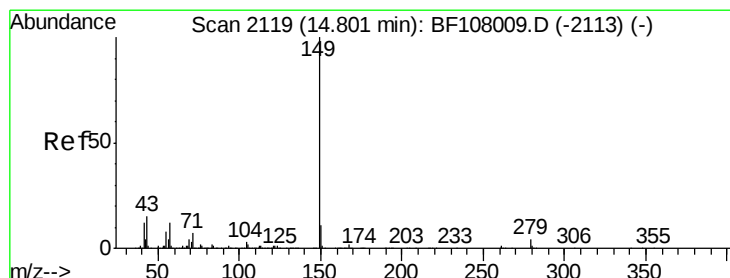
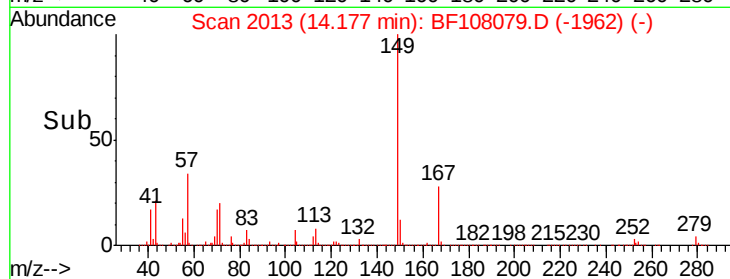
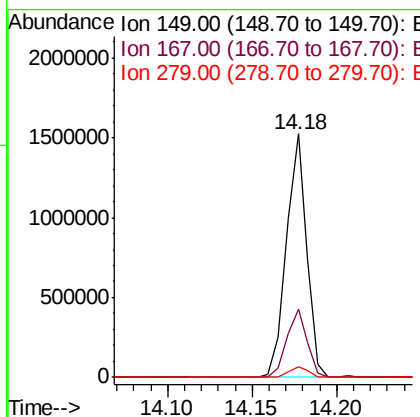
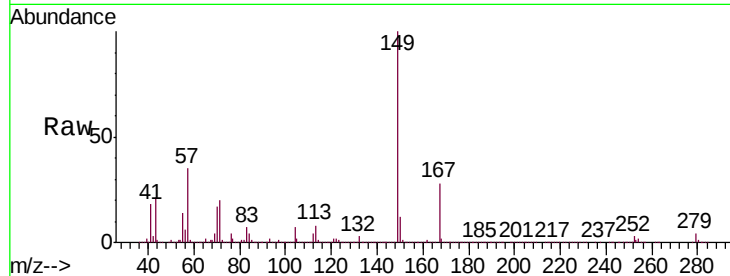
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.774 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	4.2	3.0	4.4

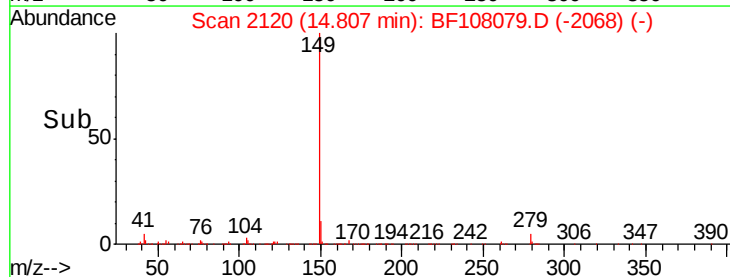
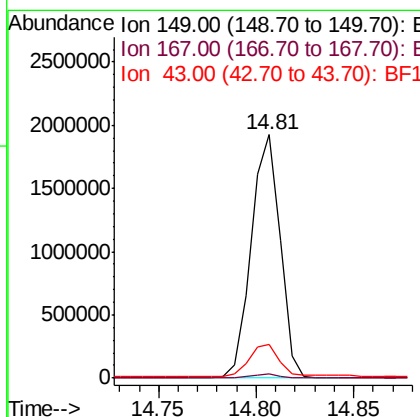
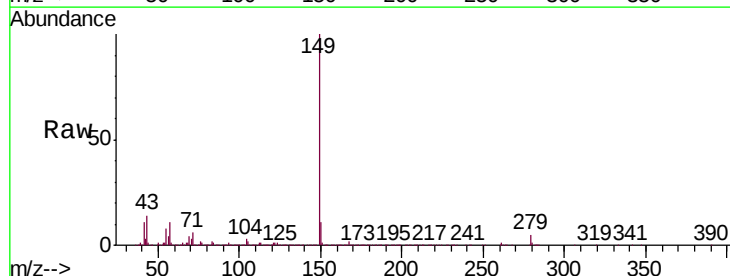
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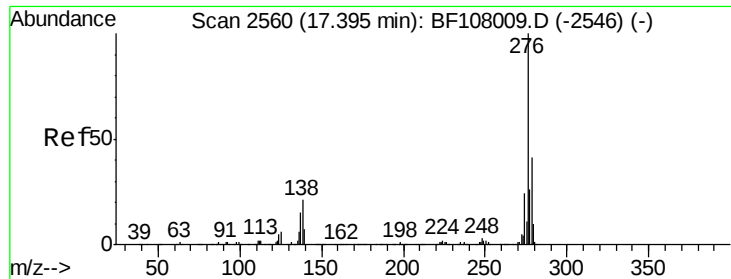
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#84
 Di-n-octyl phthalate
 Concen: 57.434 ng
 RT: 14.81 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.8	8.4	12.6





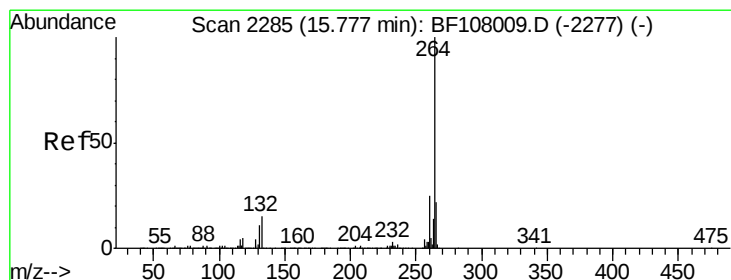
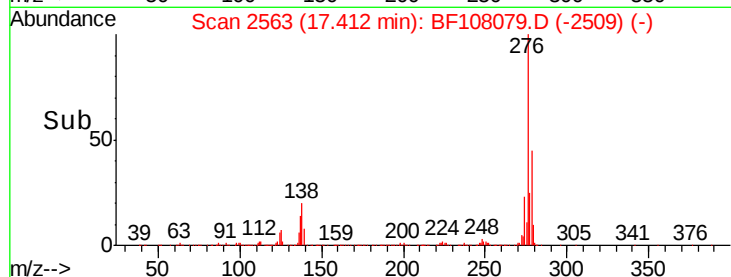
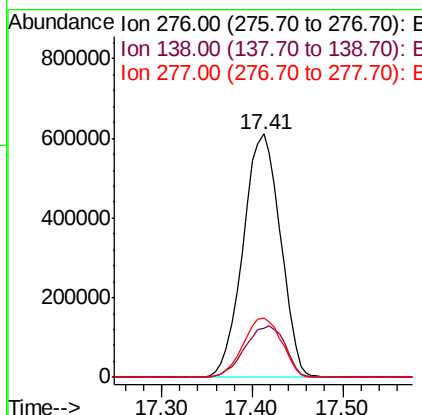
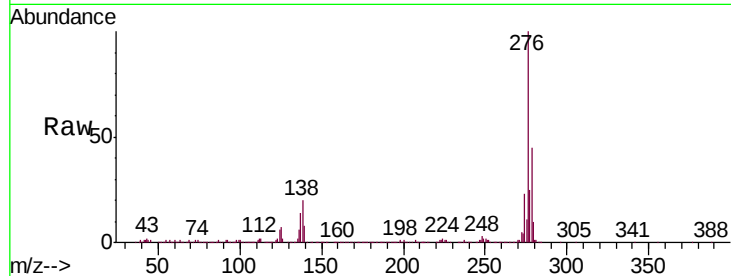
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.941 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	25.2	20.1	30.1

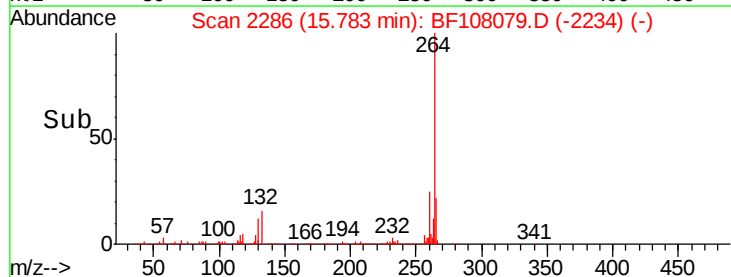
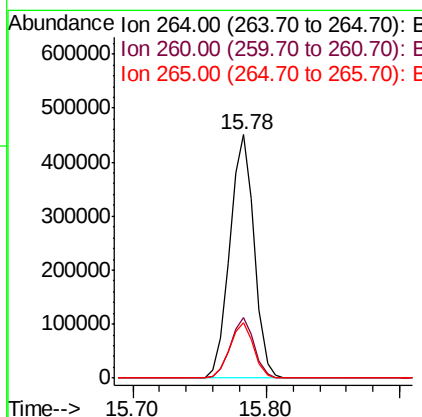
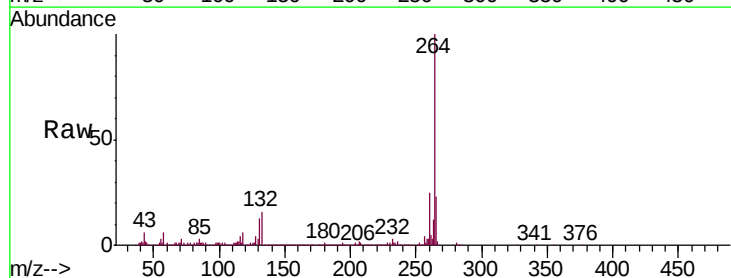
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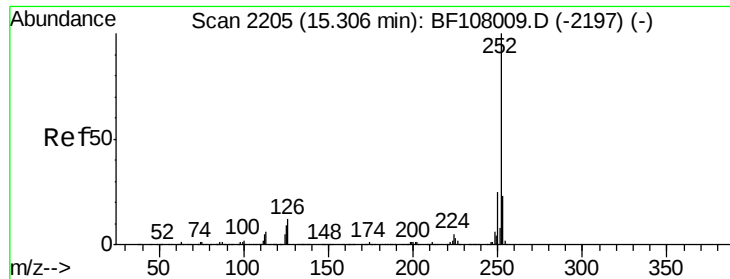
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108079.D
 Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3





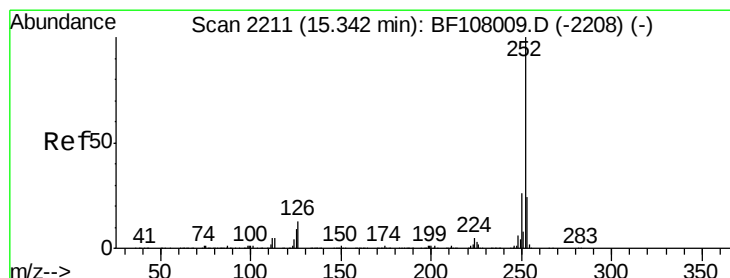
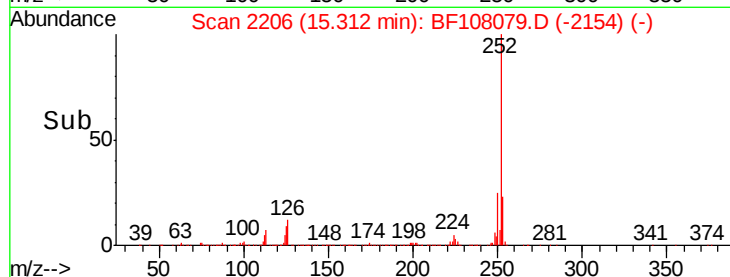
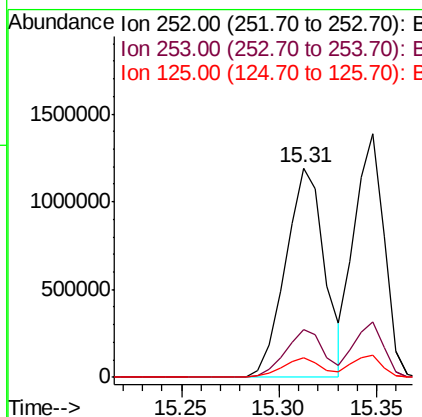
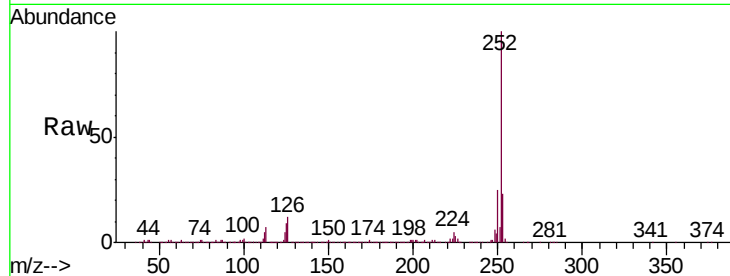
#87
Benzo(b)fluoranthene
Concen: 48.240 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.3	9.0	13.6

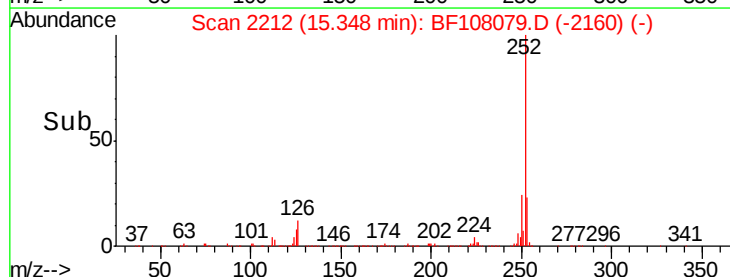
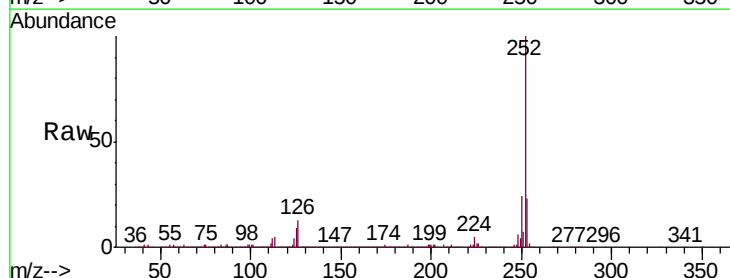
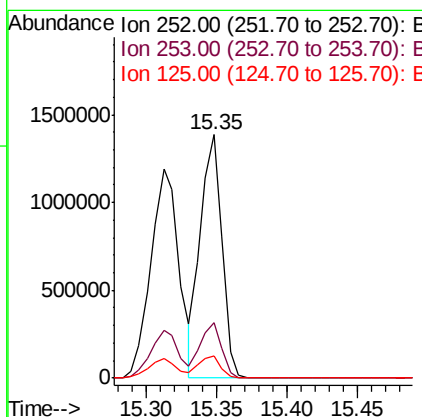
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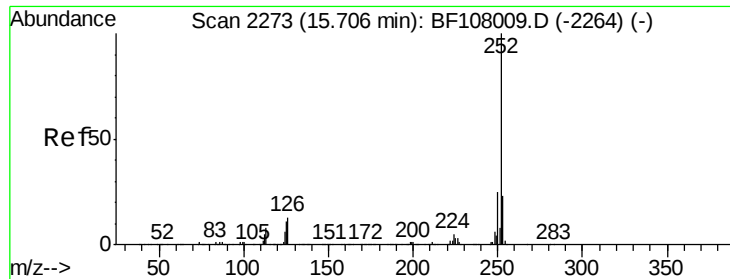
Sohil
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#88
Benzo(k)fluoranthene
Concen: 46.568 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.9	10.2	15.2#





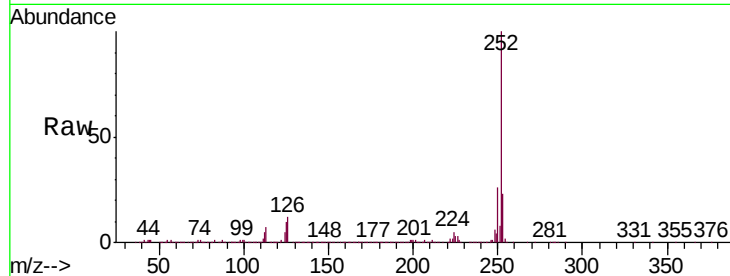
#89
Benzo(a)pyrene
Concen: 48.518 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB111926BS

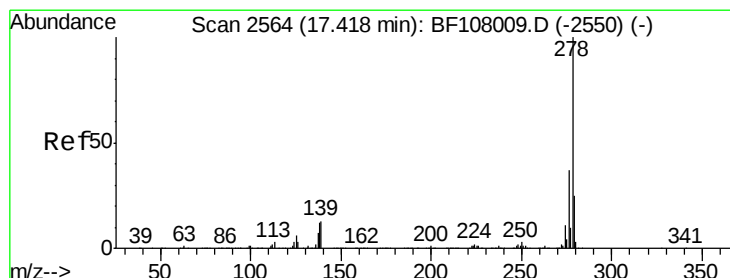
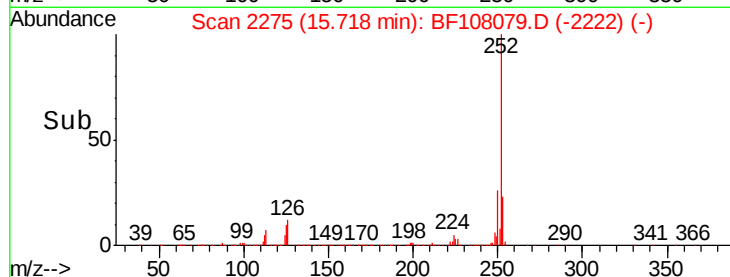
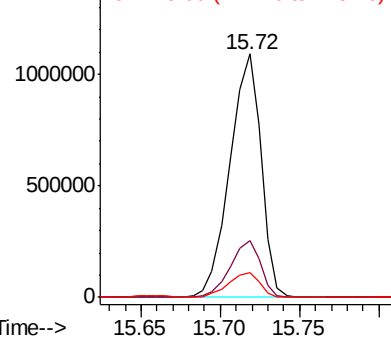
Tgt Ion: 252 Resp: 1492653
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 9.9 9.8 14.6

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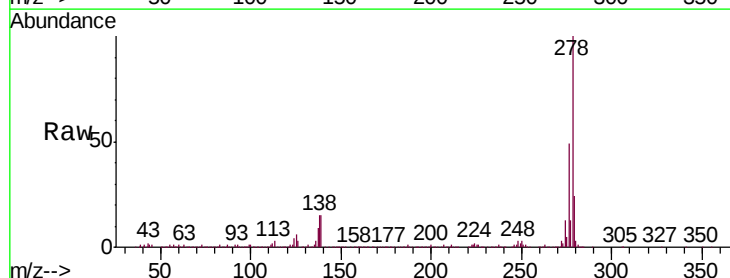


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

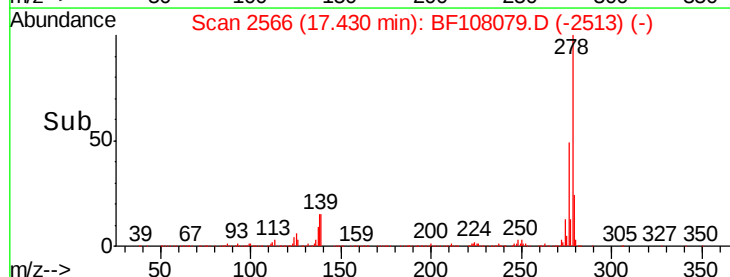
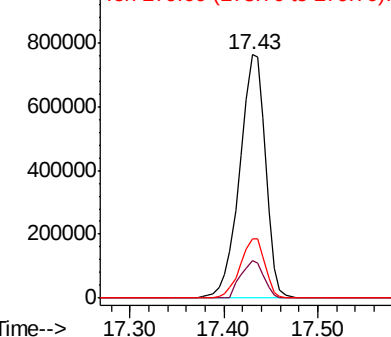


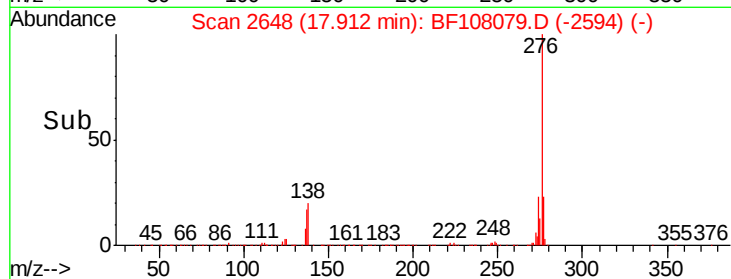
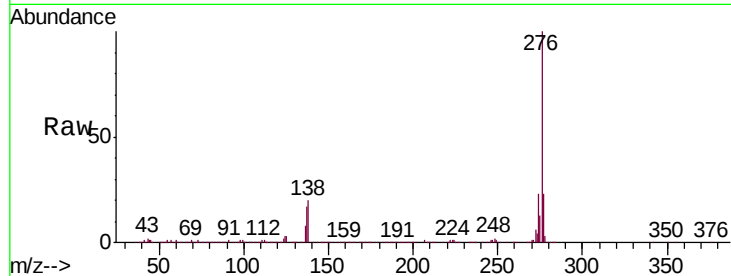
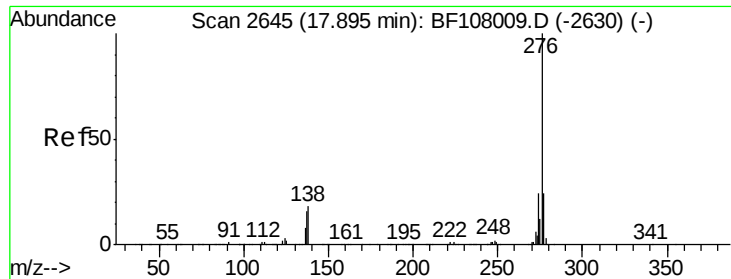
#90
Dibenzo(a,h)anthracene
Concen: 57.259 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108079.D
Acq: 10 Aug 2018 13:07

Tgt Ion: 278 Resp: 1457517
Ion Ratio Lower Upper
278 100
139 15.5 15.9 23.9#
279 24.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 59.149 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108079.D

Acq: 10 Aug 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tgt Ion: 276 Resp: 1482583

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 19.6 21.8 32.8#

Manual Integrations

APPROVED

Sohil

8/13/2018 3:51:40 PM

