

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109328.D
 Acq On : 26 Sep 2018 10:26
 Operator : JU/SJ
 Sample : PB113191BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Manual Integrations
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Sohil
 9/26/2018 3:43:12 PM

Quant Time: Sep 26 12:15:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	119589	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450150	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	202034	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	326443	20.00	ng	0.00
75) Chrysene-d12	13.84	240	239722	20.00	ng	0.00
86) Perylene-d12	15.24	264	187720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	497937	68.58	ng	0.00
7) Phenol-d6	6.35	99	637984	68.86	ng	-0.01
23) Nitrobenzene-d5	7.27	82	572578	75.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	129881	65.21	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1005208	75.04	ng	0.00
78) Terphenyl-d14	12.80	244	808197	82.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	97126	29.045	ng	94
3) Pyridine	3.14	79	277114	32.198	ng	90
4) n-Nitrosodimethylamine	3.08	42	130529	35.638	ng	# 98
6) Aniline	6.37	93	241301	20.357	ng	99
8) 2-Chlorophenol	6.49	128	276410	34.234	ng	97
9) Benzaldehyde	6.25	77	160657	26.993	ng	98
10) Phenol	6.36	94	338023	32.217	ng	84
11) bis(2-Chloroethyl)ether	6.45	93	259342	31.588	ng	95
12) 1,3-Dichlorobenzene	6.65	146	298642	32.125	ng	99
13) 1,4-Dichlorobenzene	6.73	146	297755	31.793	ng	97
14) 1,2-Dichlorobenzene	6.88	146	278081	32.187	ng	98
15) Benzyl Alcohol	6.85	79	232071	32.724	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	363193	31.188	ng	94
17) 2-Methylphenol	6.97	107	217529	33.297	ng	96
18) Hexachloroethane	7.22	117	95488	28.940	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	188210	31.002	ng	97
20) 3+4-Methylphenols	7.12	107	268876	34.088	ng	# 73
22) Acetophenone	7.12	105	372349	35.777	ng	# 95
24) Nitrobenzene	7.29	77	286867	35.381	ng	97
25) Isophorone	7.53	82	518838	37.784	ng	99
26) 2-Nitrophenol	7.60	139	128874	40.192	ng	96
27) 2,4-Dimethylphenol	7.65	122	241076	40.292	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	323178	35.554	ng	99
29) 2,4-Dichlorophenol	7.85	162	223857	35.610	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	235868	33.578	ng	98
31) Naphthalene	8.01	128	764728	36.354	ng	99
32) Benzoic acid	7.77	122	133580	34.998	ng	100
33) 4-Chloroaniline	8.06	127	107724	11.723	ng	97
34) Hexachlorobutadiene	8.14	225	139393	32.917	ng	100
35) Caprolactam	8.43	113	71972	35.860	ng	88
36) 4-Chloro-3-methylphenol	8.55	107	229829	34.743	ng	99
37) 2-Methylnaphthalene	8.70	142	508303	37.484	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	233118	36.256	ng	98
40) Hexachlorocyclopentadiene	8.86	237	53616	19.118	ng	96

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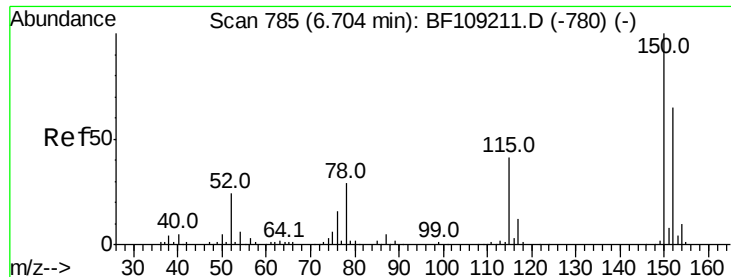
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	149288	36.176	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	158736	36.421	nq	96
45) 1,1'-Biphenyl	9.17	154	607705	36.918	nq	97
46) 2-Chloronaphthalene	9.19	162	457956	34.825	nq	96
47) 2-Nitroaniline	9.28	65	139813	37.500	nq	93
48) Acenaphthylene	9.60	152	719444	36.265	nq	99
49) Dimethylphthalate	9.47	163	530111	36.075	nq	99
50) 2,6-Dinitrotoluene	9.53	165	111427	38.287	nq	93
51) Acenaphthene	9.77	154	404432	33.719	nq	99
52) 3-Nitroaniline	9.69	138	88054	26.126	nq	92
53) 2,4-Dinitrophenol	9.80	184	21242	26.898	nq #	19
54) Dibenzofuran	9.95	168	602590	33.782	nq	99
55) 4-Nitrophenol	9.86	139	153038	60.276	nq	95
56) 2,4-Dinitrotoluene	9.93	165	136049	36.946	nq #	98
57) Fluorene	10.29	166	437311	34.361	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	121105	35.094	nq #	87
59) Diethylphthalate	10.16	149	513786	34.527	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	217222	32.677	nq	94
61) 4-Nitroaniline	10.30	138	99636	30.313	nq	98
62) Azobenzene	10.44	77	494194	31.965	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	19012	19.094	nq	88
65) n-Nitrosodiphenylamine	10.40	169	417339	38.694	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	138134	38.106	nq	94
67) Hexachlorobenzene	10.84	284	136103	35.352	nq #	84
68) Atrazine	10.93	200	134473	40.539	nq	97
69) Pentachlorophenol	11.03	266	125213	54.340	nq	98
70) Phenanthrene	11.24	178	595291	36.523	nq	100
71) Anthracene	11.29	178	604506	36.566	nq	99
72) Carbazole	11.45	167	526206	31.992	nq	100
73) Di-n-butylphthalate	11.79	149	709764	37.483	nq	98
74) Fluoranthene	12.42	202	594409	34.125	nq	96
76) Benzidine	12.55	184	322919	37.361	nq	98
77) Pyrene	12.65	202	600434	34.949	nq	98
79) Butylbenzylphthalate	13.27	149	267377	36.580	nq #	95
80) Benzo(a)anthracene	13.83	228	517626	35.849	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	200510	36.539	nq #	96
82) Chrysene	13.87	228	500676	34.984	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	339759	36.857	nq	99
84) Di-n-octyl phthalate	14.44	149	615250	39.035	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	349642	30.141	nq #	93
87) Benzo(b)fluoranthene	14.84	252	428834	41.574	nq	99
88) Benzo(k)fluoranthene	14.87	252	354712m	36.239	nq	
89) Benzo(a)pyrene	15.19	252	346109	37.237	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	291928	38.284	nq #	96
91) Benzo(g,h,i)perylene	17.00	276	290552	38.770	nq #	91

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



#1

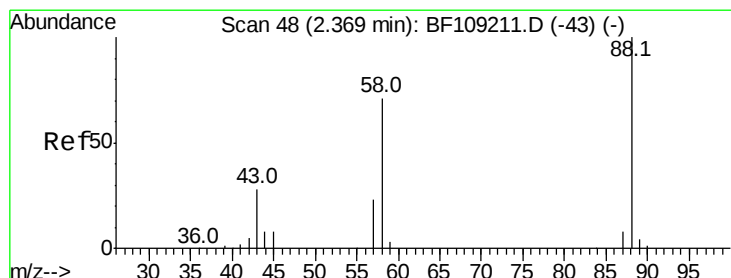
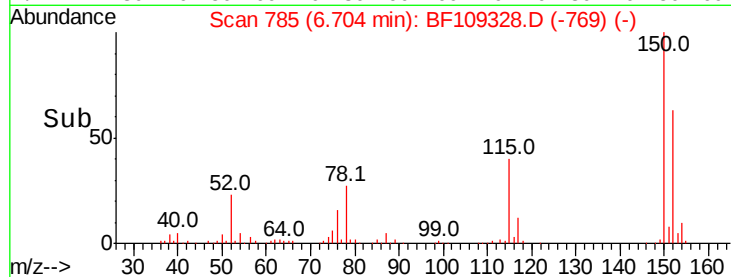
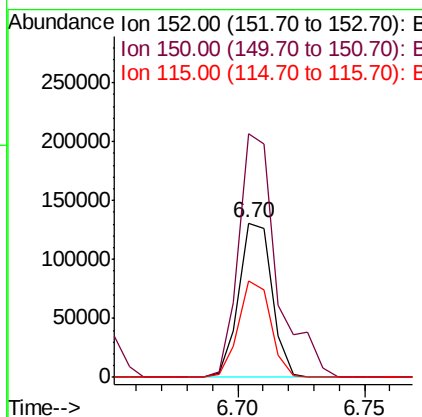
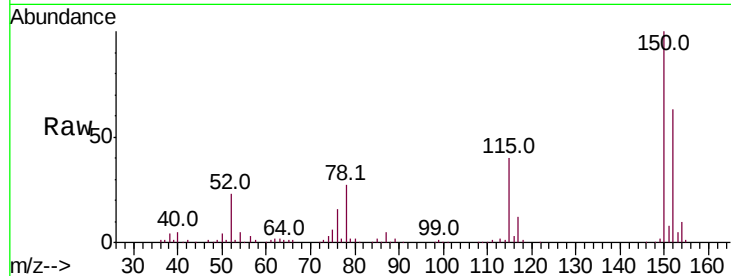
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	62.6	50.1	75.1

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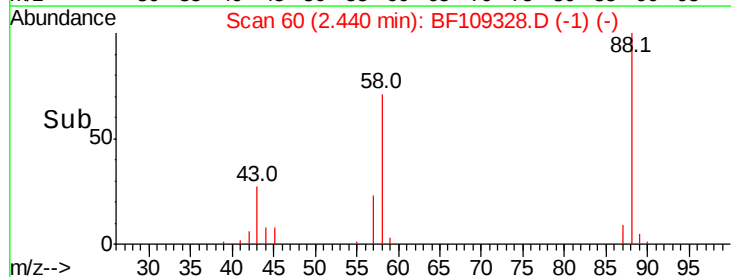
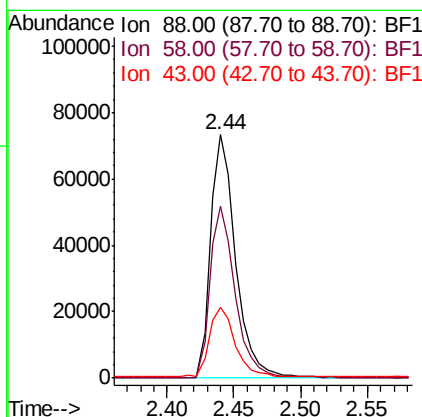
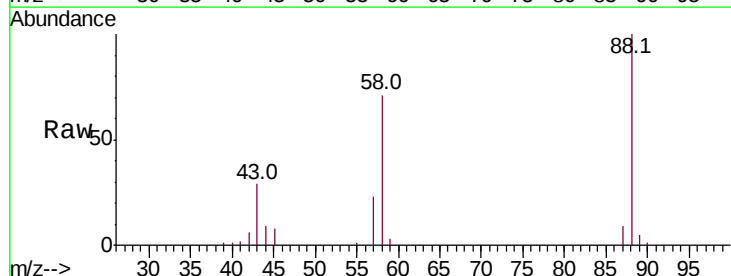
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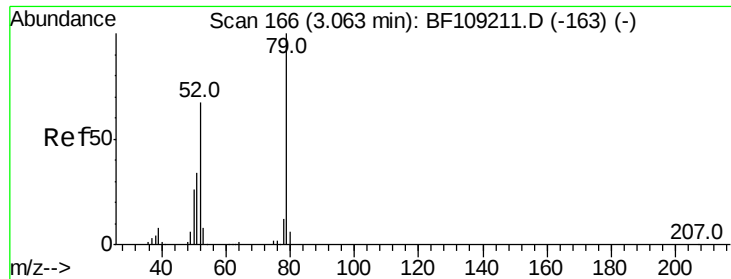


#2

1,4-Dioxane
Concen: 29.045 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.07 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	62.6	93.8
43	29.6	24.6	37.0





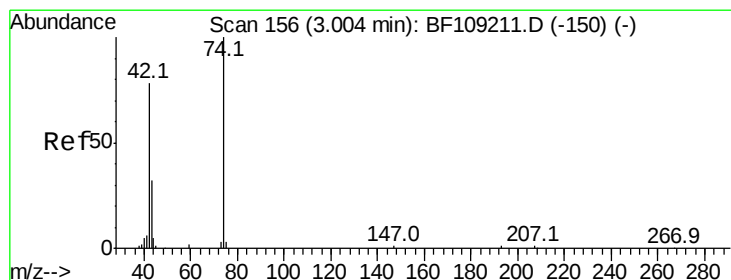
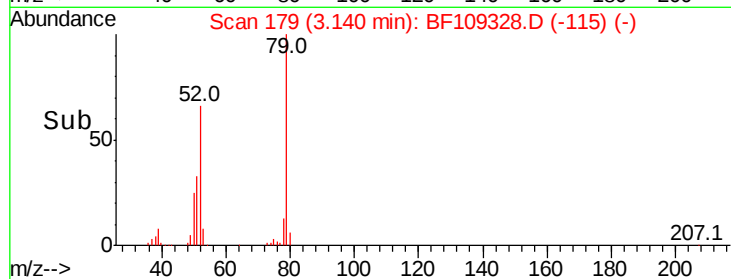
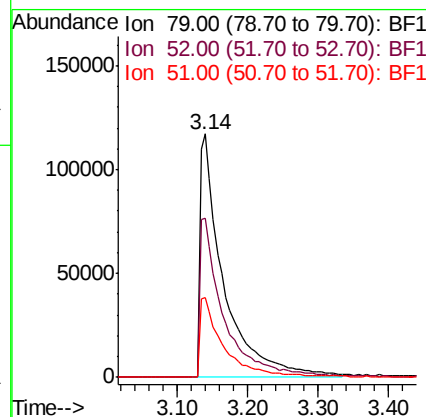
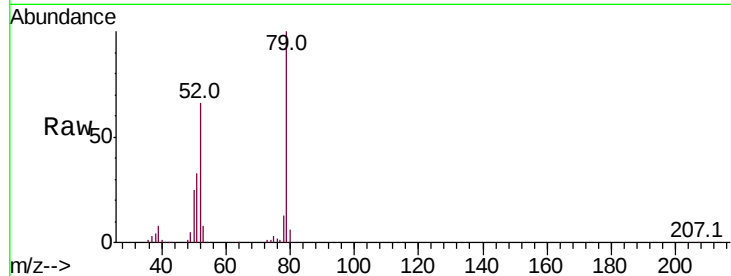
#3
 Pvridine
 Concen: 32.198 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.08 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	277114		
52	65.5	59.8	89.6	
51	32.6	29.8	44.8	

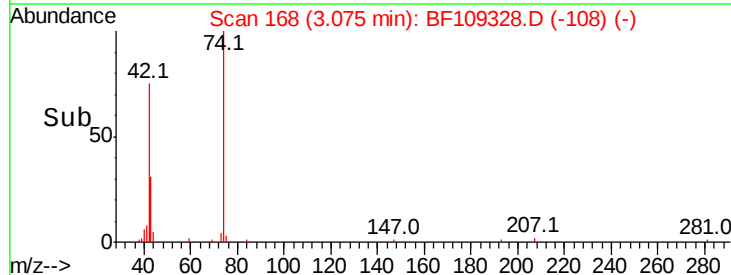
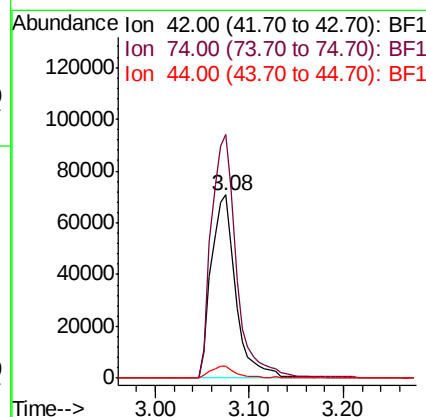
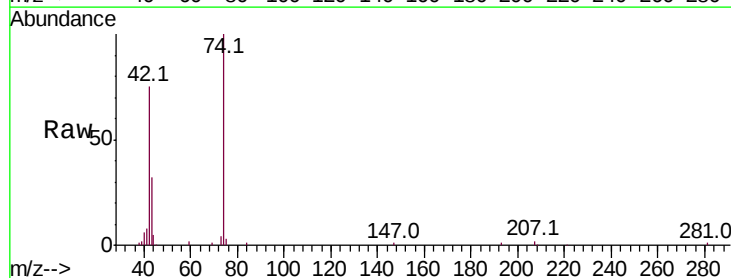
Manual Integrations
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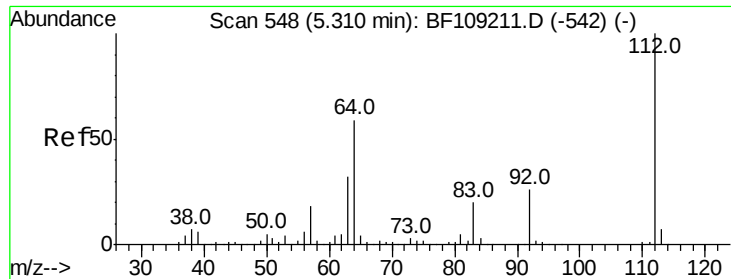
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#4
 n-Nitrosodimethylamine
 Concen: 35.638 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.05 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	130529		
74	132.8	104.9	157.3	
44	6.7	6.9	10.3#	





#5

2-Fluorophenol

Concen: 68.580 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

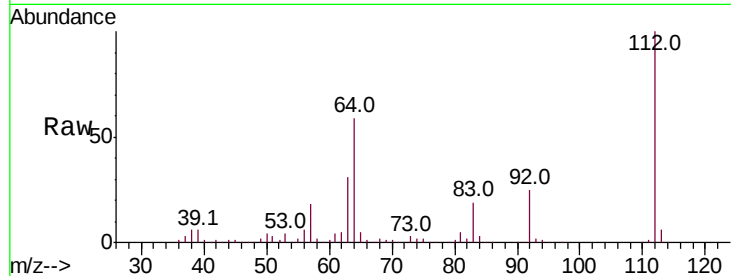
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PB113191BSD

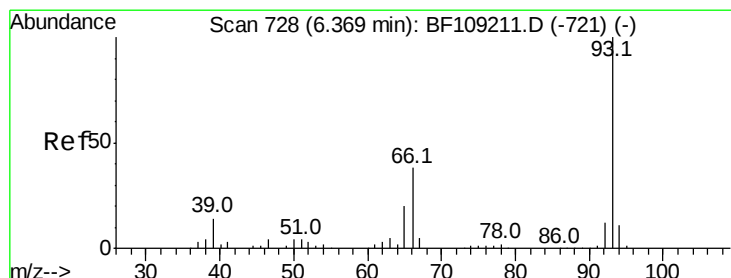
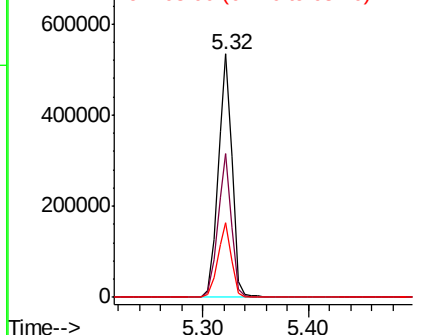
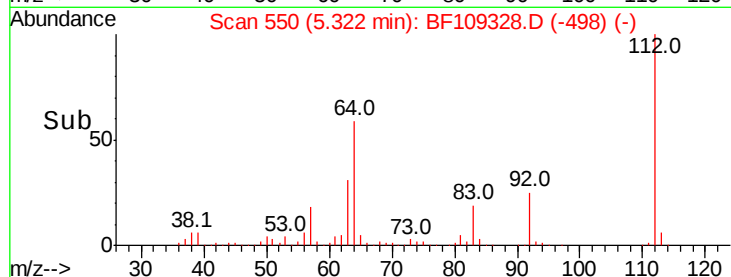
Tot Ion:	112	Resp:	497937
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.9	71.9
63	30.9	23.7	35.5

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



#6

Aniline

Concen: 20.357 ng

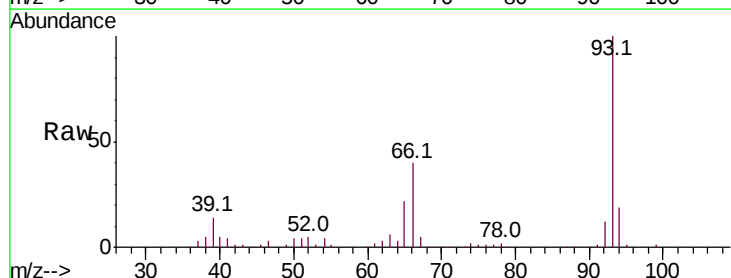
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

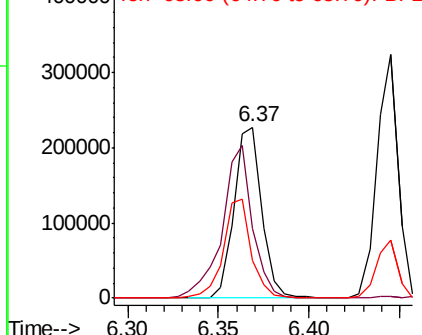
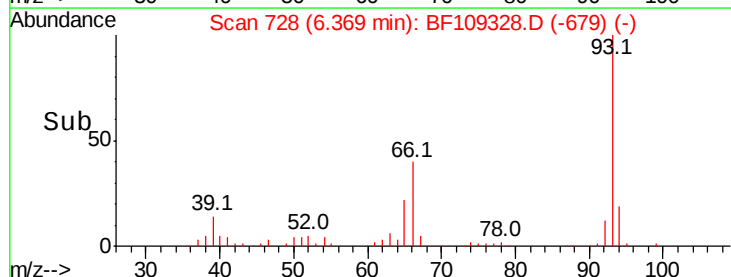
Lab File: BF109328.D

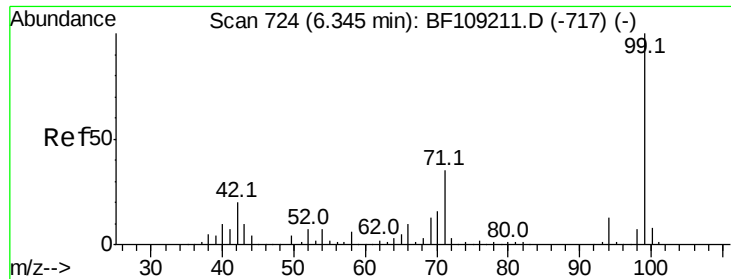
Acq: 26 Sep 2018 10:26

Tgt Ion:	93	Resp:	241301
Ion Ratio	Lower	Upper	
93	100		
66	40.4	32.2	48.2
65	21.7	16.4	24.6



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





#7

Phenol-d6

Concen: 68.860 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

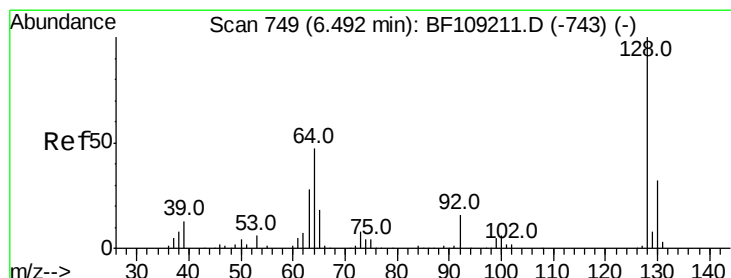
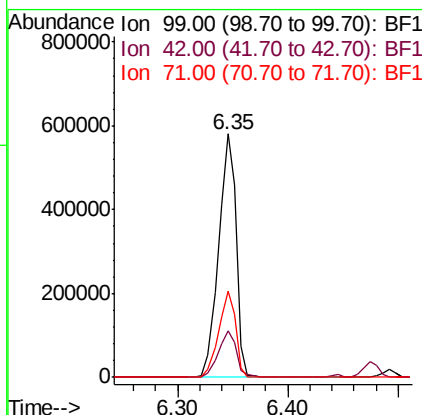
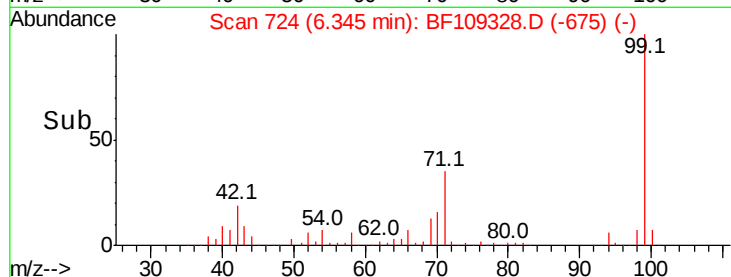
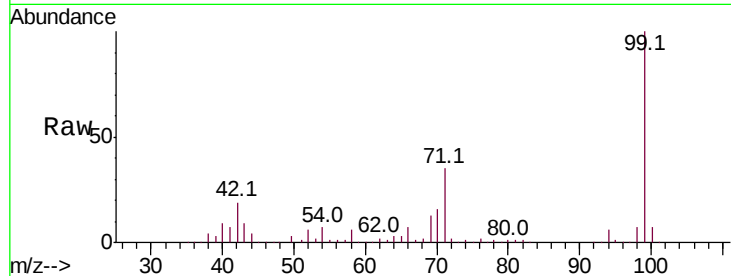
ClientSampleId :

PB113191BSD

Tot Ion:	99	Resp:	637984
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	35.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 34.234 ng

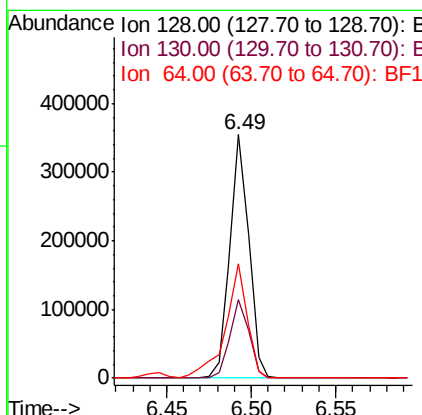
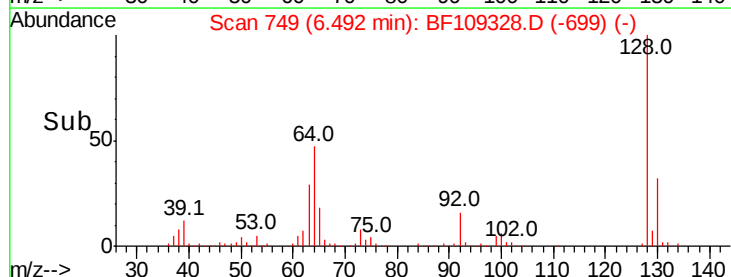
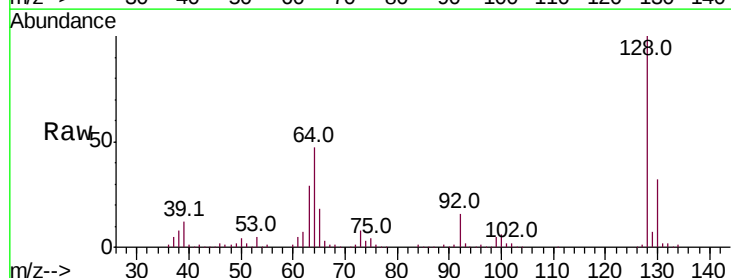
RT: 6.49 min Scan# 749

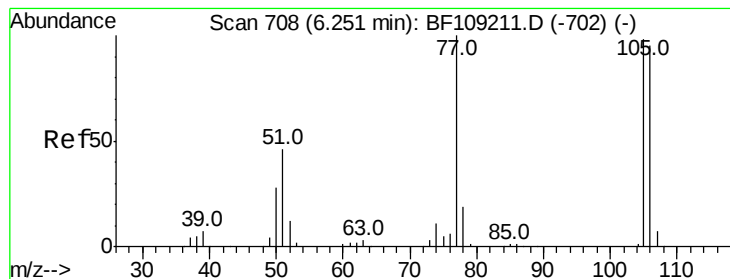
Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:	128	Resp:	276410
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	46.7	29.4	69.4





#9

Benzaldehyde

Concen: 26.993 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

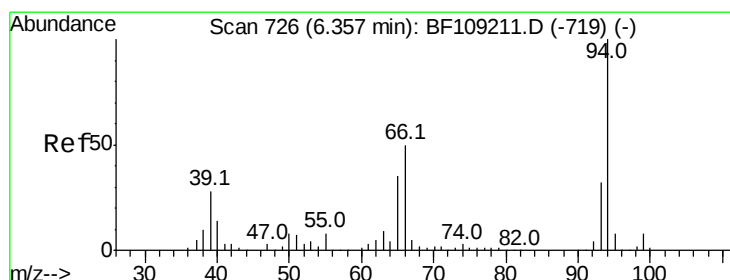
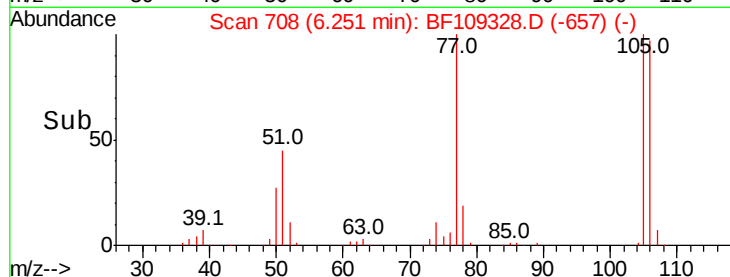
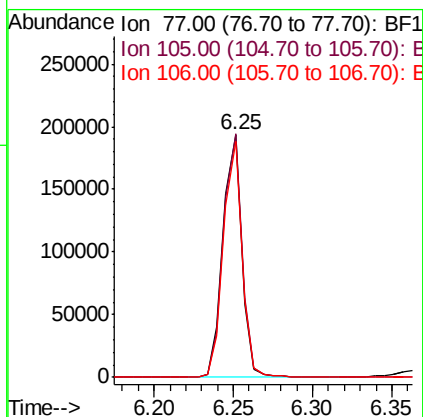
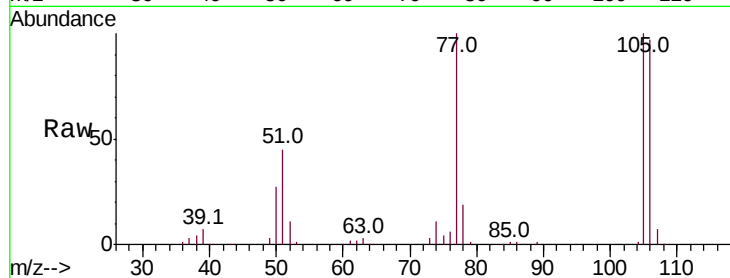
ClientSampleID :

PB113191BSD

Tot Ion:	77	Resp:	160657
Ion Ratio	Lower	Upper	
77	100		
105	100.3	81.1	121.1
106	97.3	74.5	114.5

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#10

Phenol

Concen: 32.217 ng

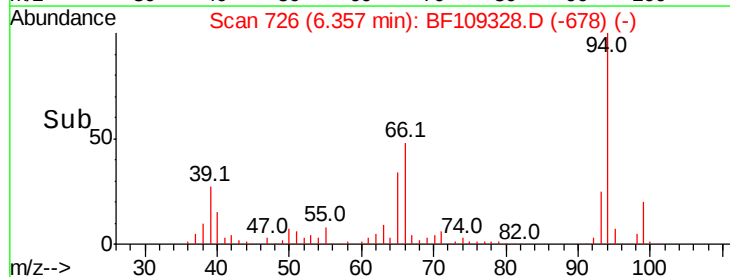
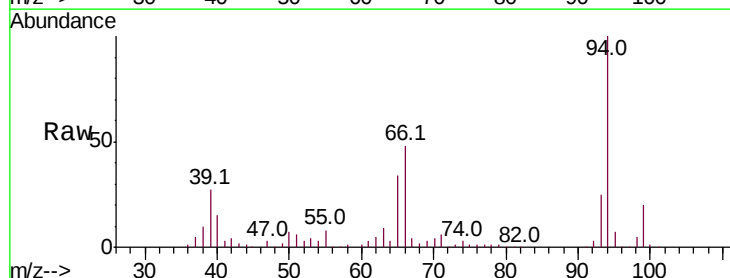
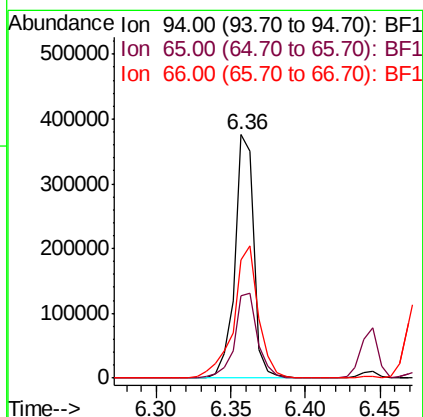
RT: 6.36 min Scan# 726

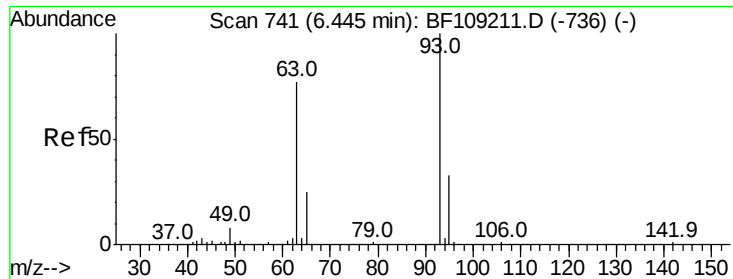
Delta R.T. -0.02 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:	94	Resp:	338023
Ion Ratio	Lower	Upper	
94	100		
65	33.7	7.9	47.9
66	48.3	16.2	56.2





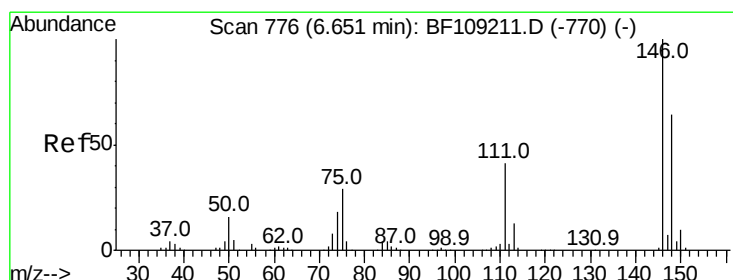
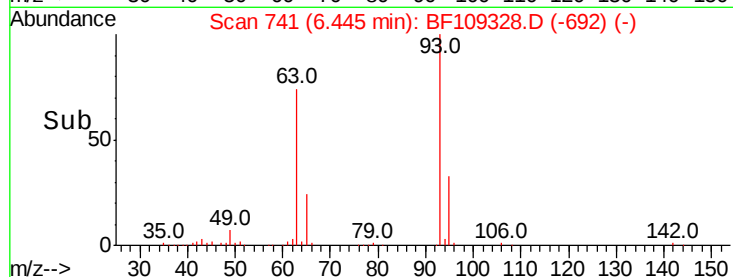
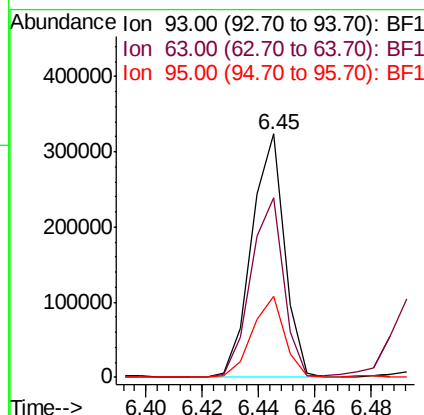
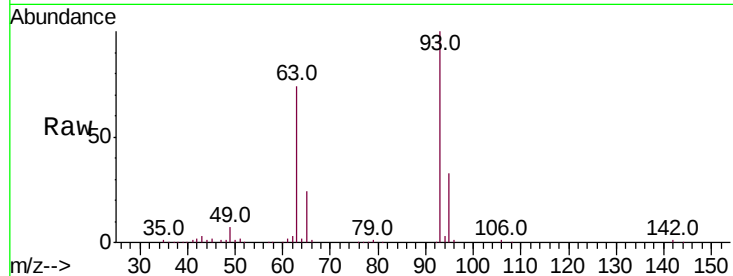
#11
bis(2-Chloroethyl)ether
Concen: 31.588 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.8	58.6	98.6	
95	33.2	11.8	51.8	

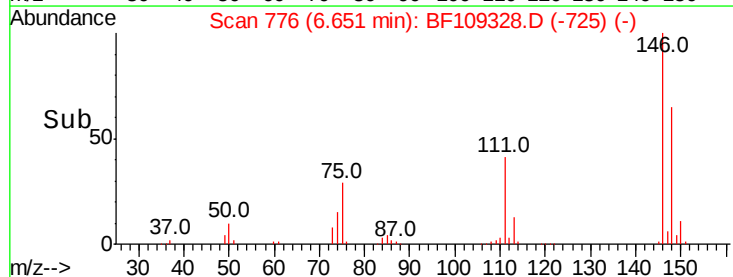
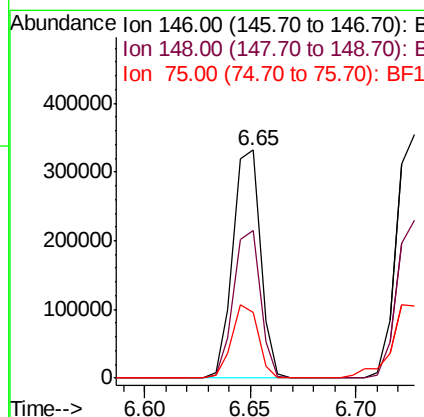
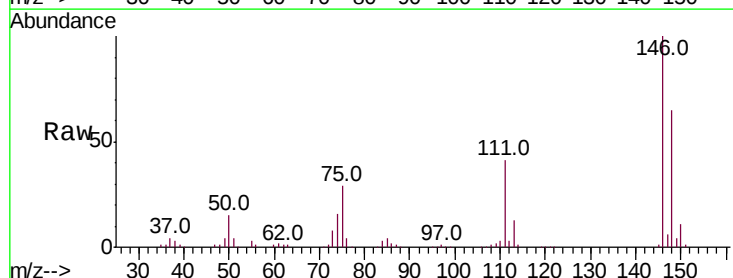
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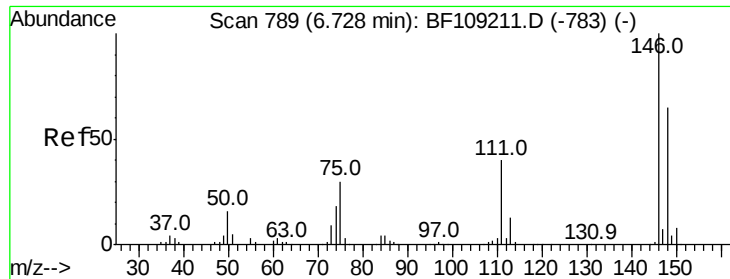
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#12
1,3-Dichlorobenzene
Concen: 32.125 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	51.8	77.8	
75	29.1	24.2	36.4	





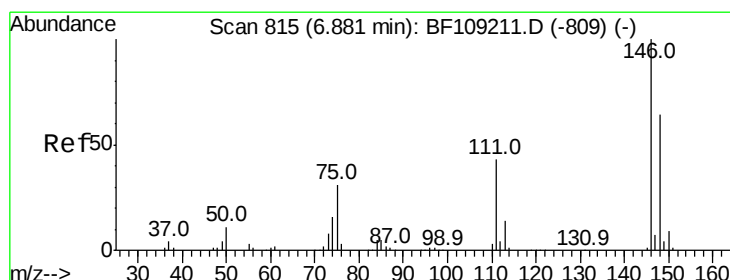
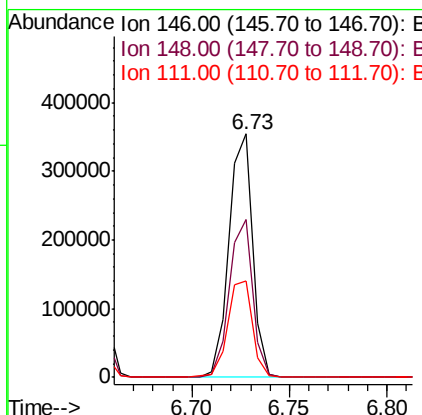
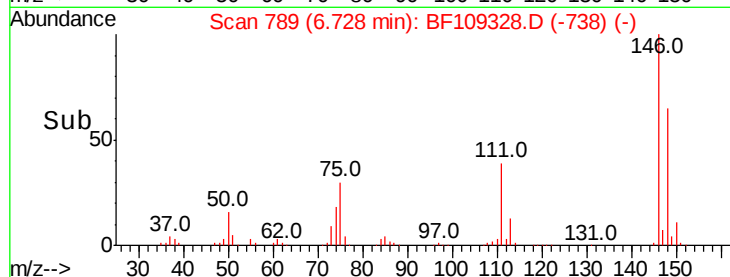
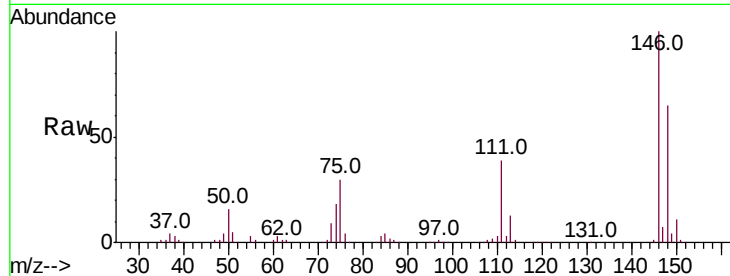
#13
 1,4-Dichlorobenzene
 Concen: 31.793 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	297755		
148	65.0		50.8	76.2
111	39.5		34.2	51.2

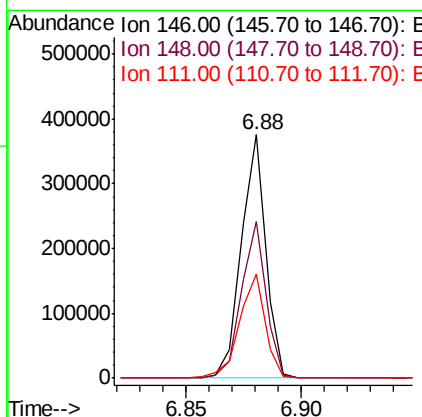
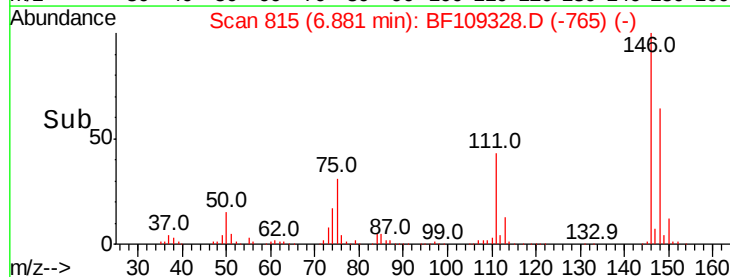
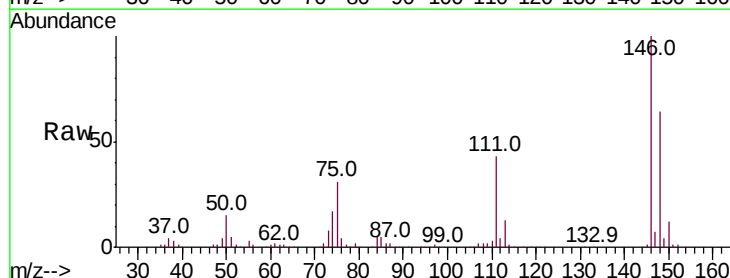
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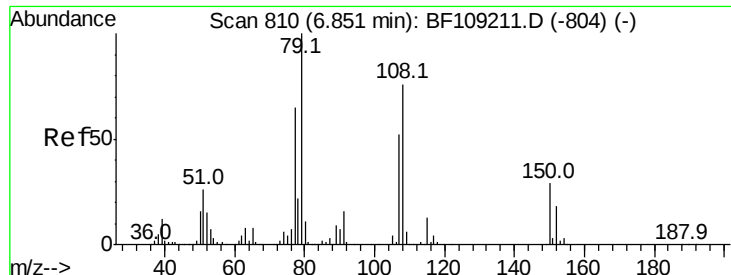
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#14
 1,2-Dichlorobenzene
 Concen: 32.187 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	278081		
148	64.2		50.6	75.8
111	42.6		36.0	54.0





#15

Benzyl Alcohol

Concen: 32.724 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

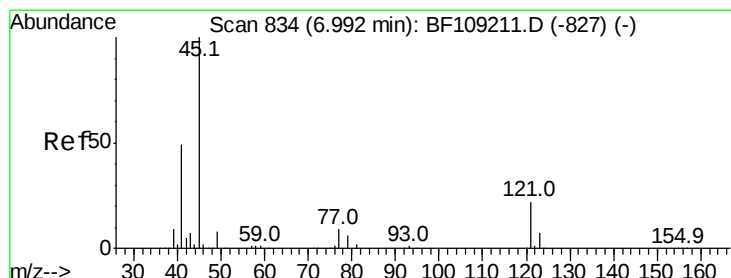
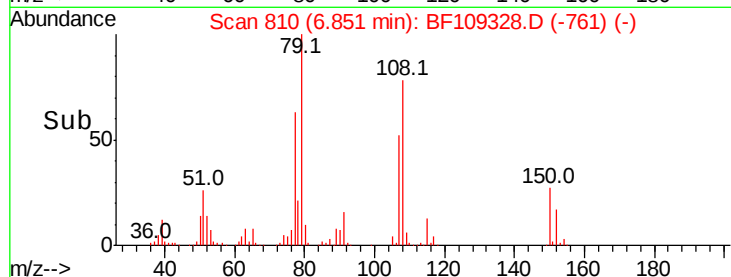
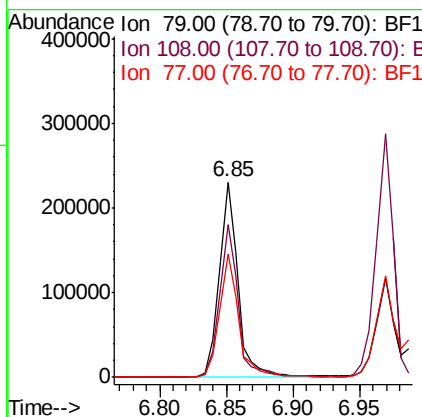
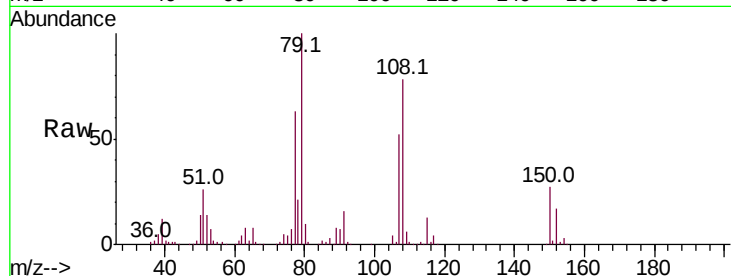
ClientSampleId :

PB113191BSD

Tot Ion:	79	Resp:	232071
Ion Ratio	Lower	Upper	
79	100		
108	77.8	65.1	97.7
77	63.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.188 ng

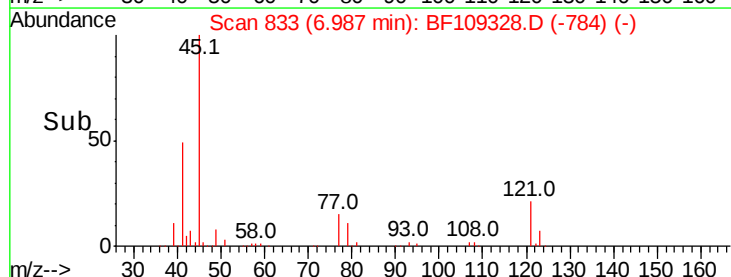
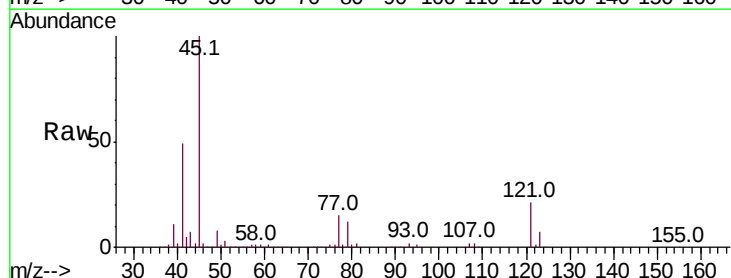
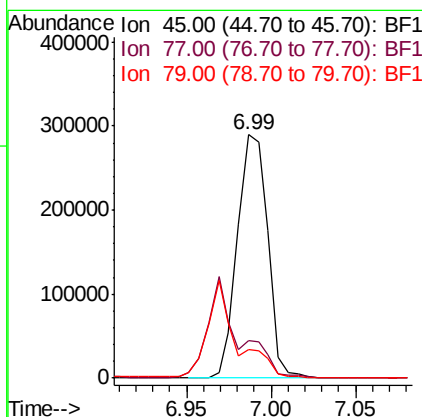
RT: 6.99 min Scan# 833

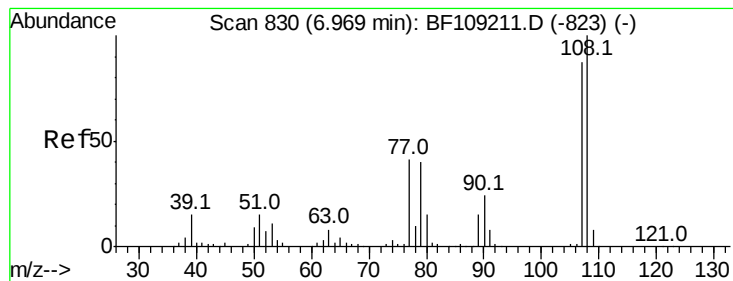
Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:	45	Resp:	363193
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	32.9
79	11.6	0.0	29.6





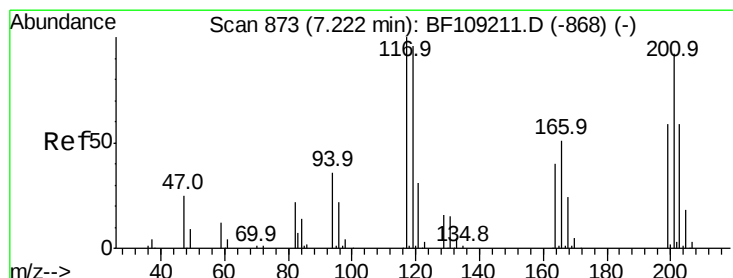
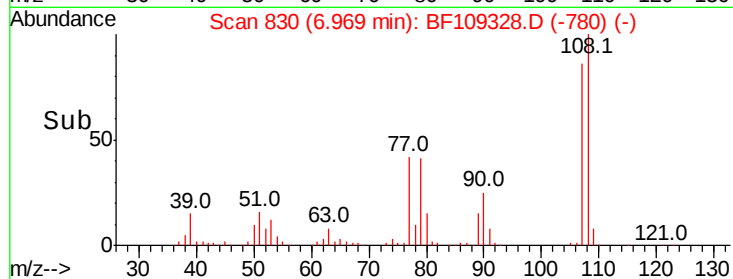
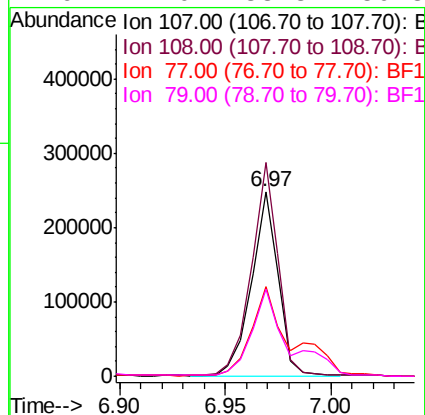
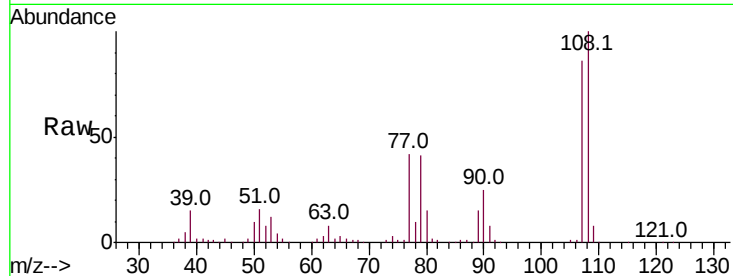
#17
2-Methylphenol
Concen: 33.297 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	91.7	137.5	
77	48.4	33.8	50.8	
79	47.0	33.8	50.8	

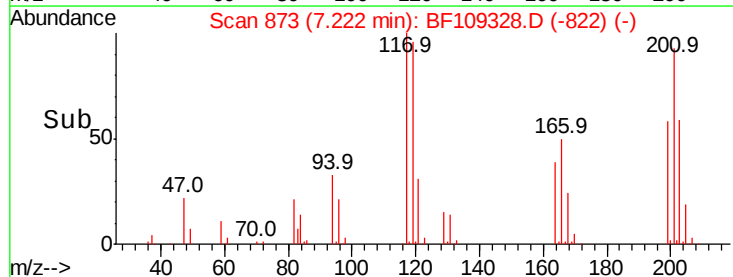
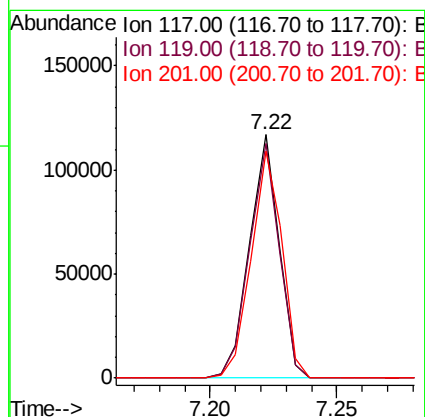
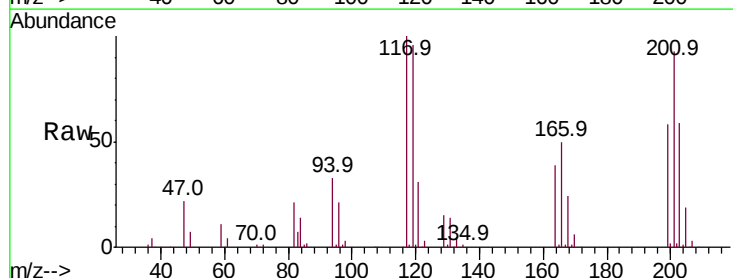
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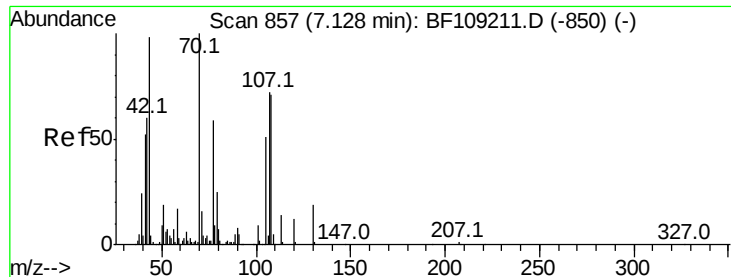
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#18
Hexachloroethane
Concen: 28.940 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	93.3	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 31.002 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

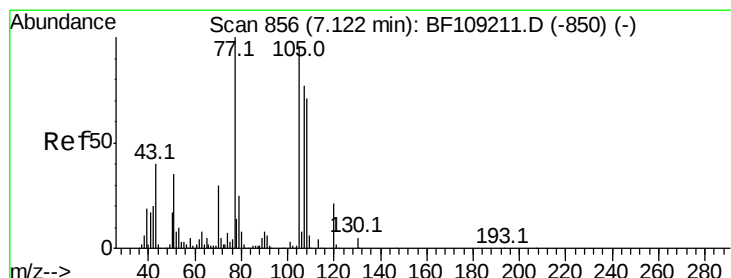
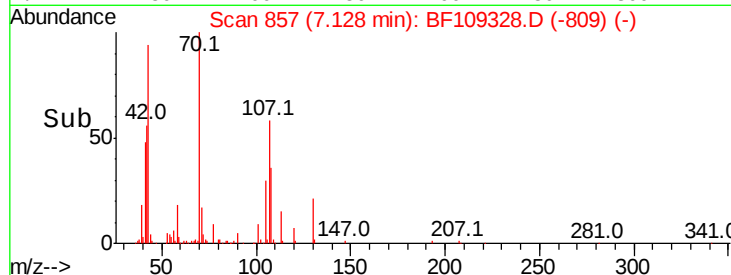
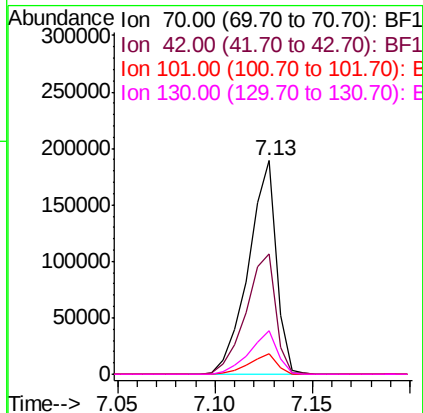
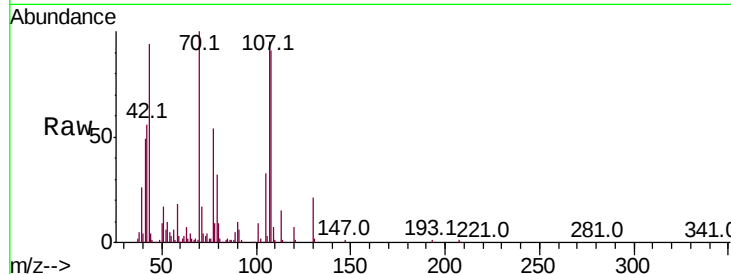
PB113191BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.5	71.3
101	9.3	7.4	11.2
130	20.6	16.6	25.0

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#20

3+4-Methylphenols

Concen: 34.088 ng

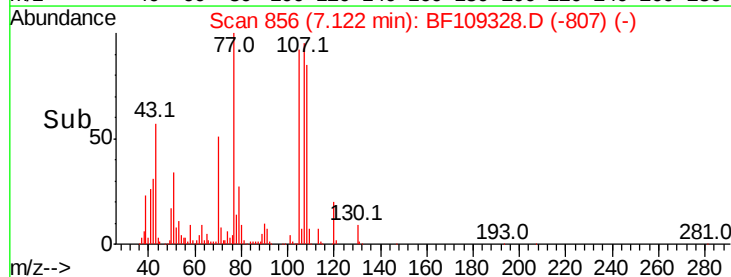
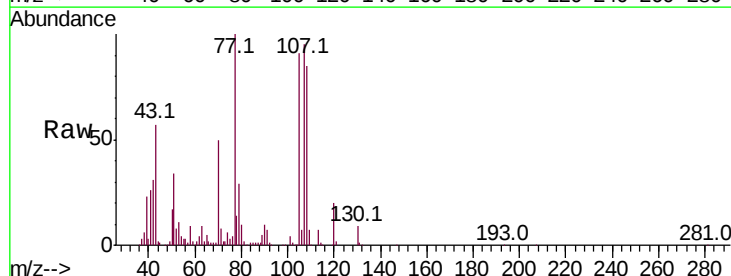
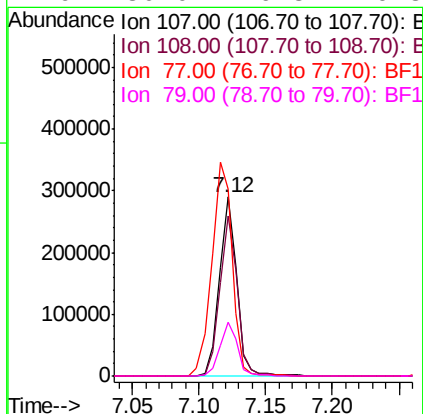
RT: 7.12 min Scan# 856

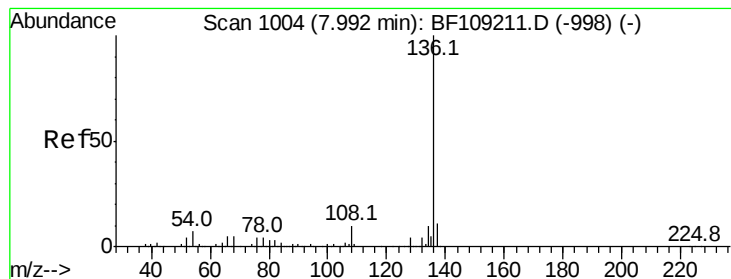
Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	104.9	26.7	66.7#
79	30.0	6.3	46.3





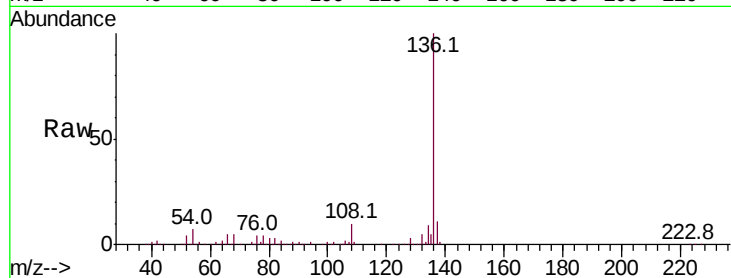
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.5	6.6	9.8	
68	5.5	5.0	7.4	

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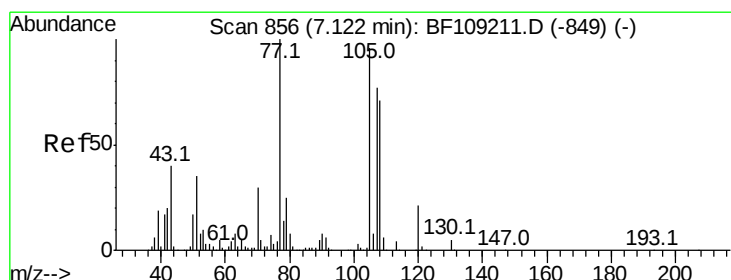
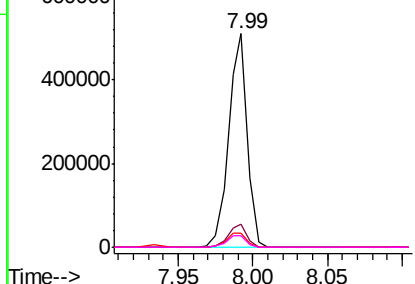
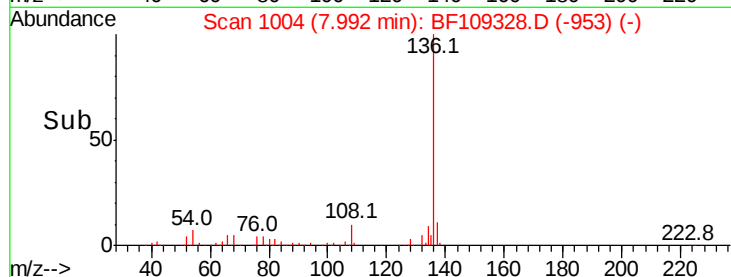
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

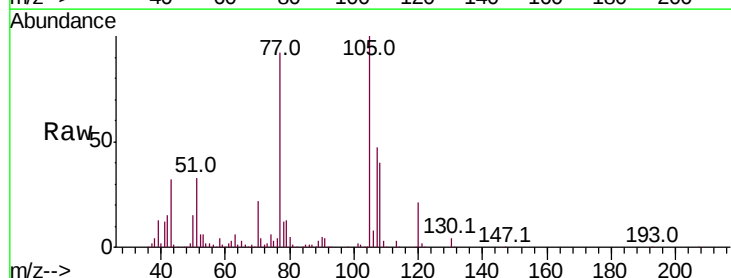
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 35.777 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	4.4	6.6	
51	32.6	22.3	33.5	
120	21.0	16.9	25.3	



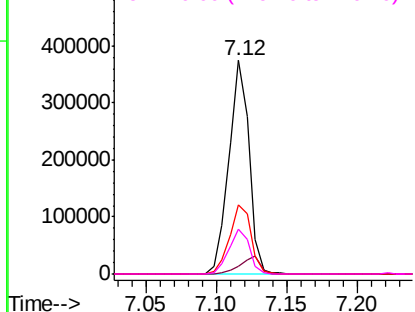
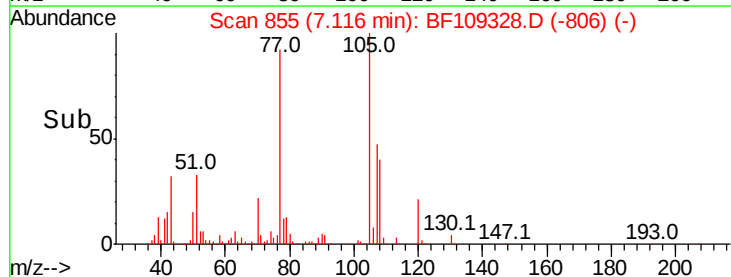
Abundance

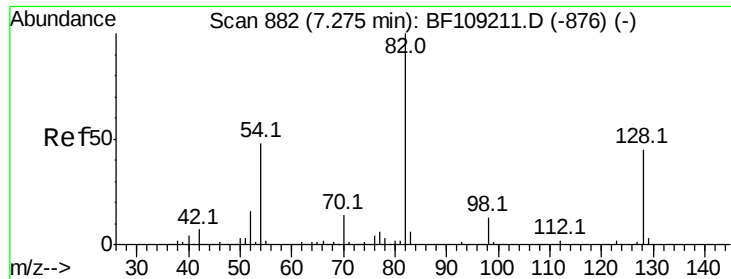
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





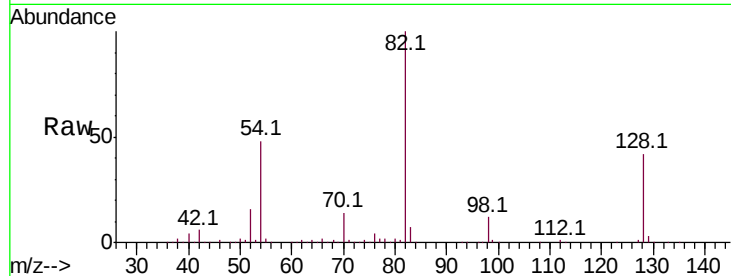
#23
 Nitrobenzene-d5
 Concen: 75.086 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

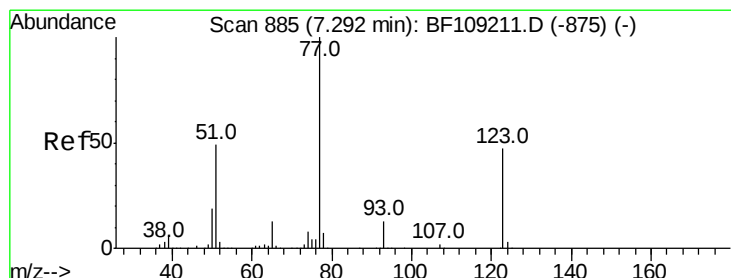
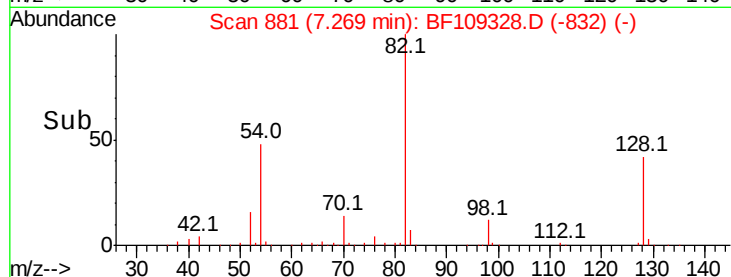
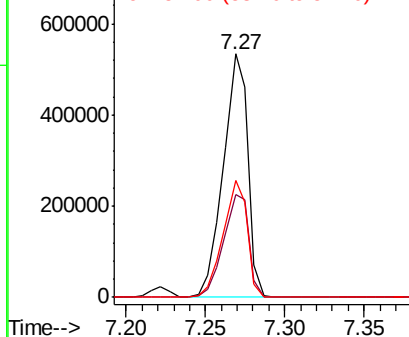
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	36.1	54.1	
54	48.2	41.4	62.2	

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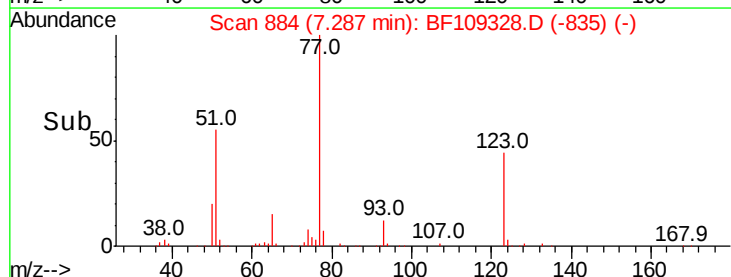
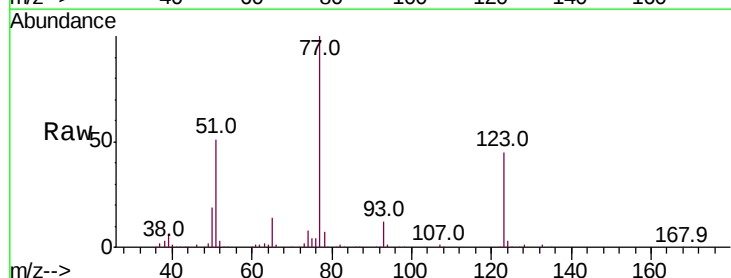
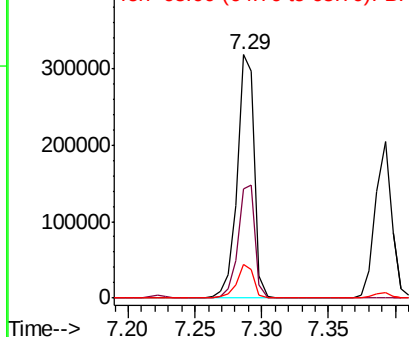
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 35.381 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.9	37.9	56.9	
65	14.1	11.0	16.4	

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





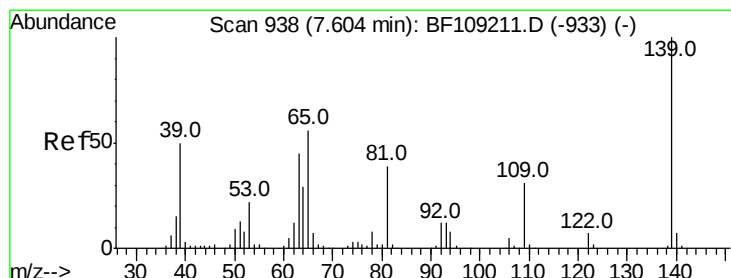
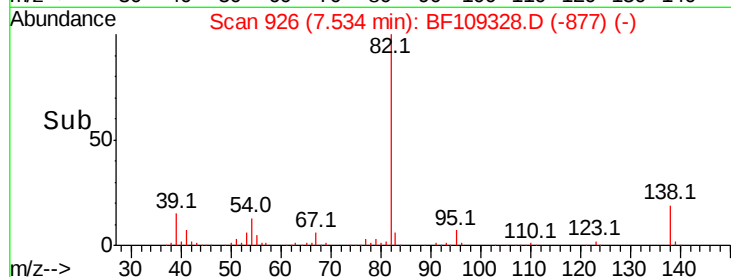
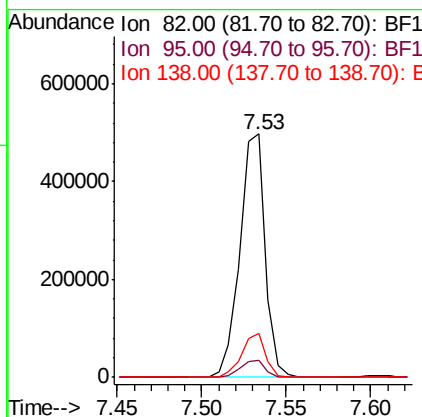
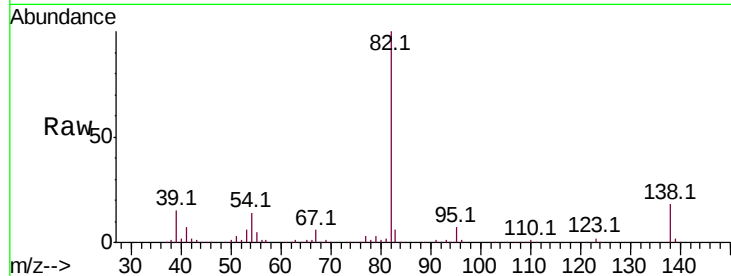
#25
Isophorone
Concen: 37.784 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.2	7.8	
138	18.3	14.9	22.3	

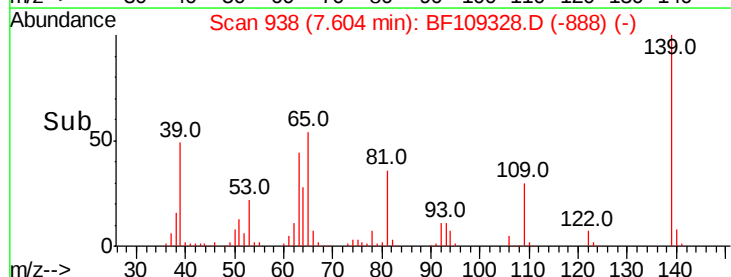
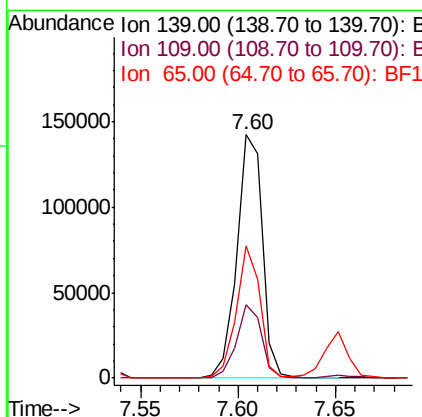
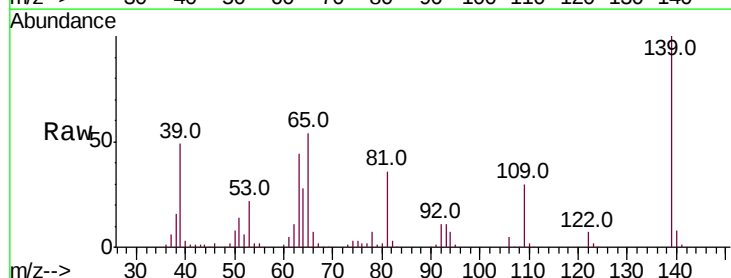
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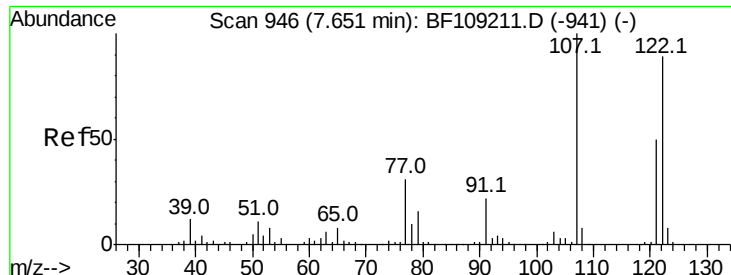
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#26
2-Nitrophenol
Concen: 40.192 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.9	22.7	34.1	
65	54.3	40.5	60.7	





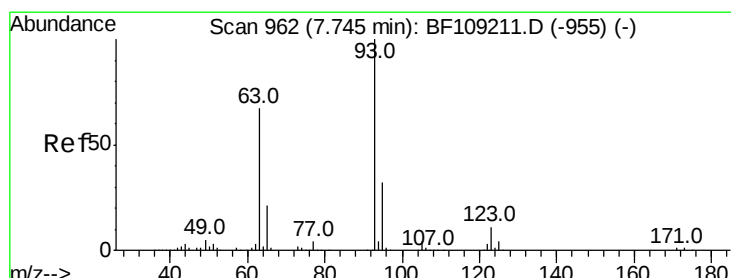
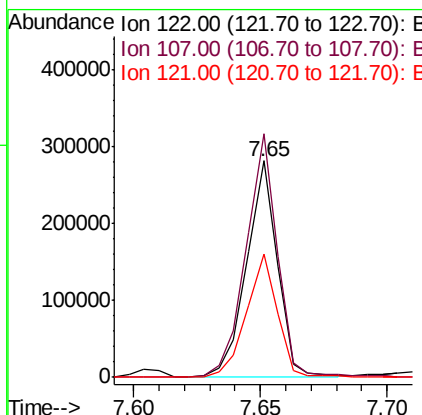
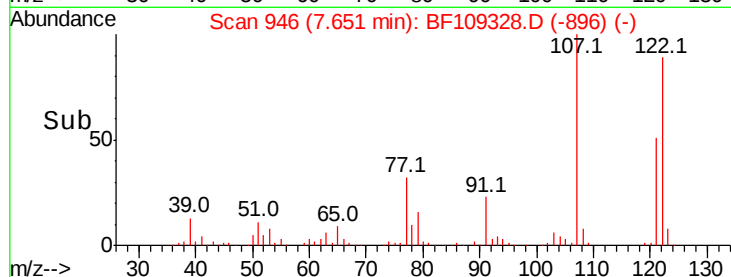
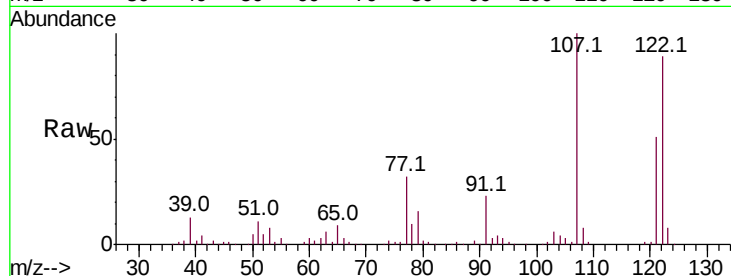
#27
 2,4-Dimethylphenol
 Concen: 40.292 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.2	136.8
121	56.8	47.2	70.8

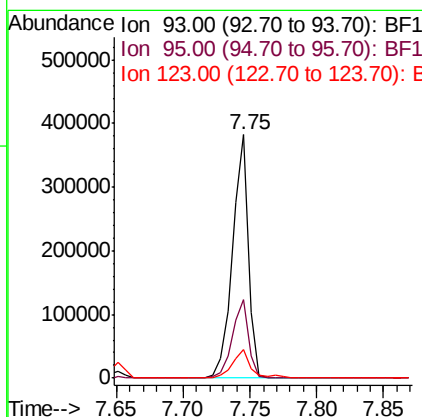
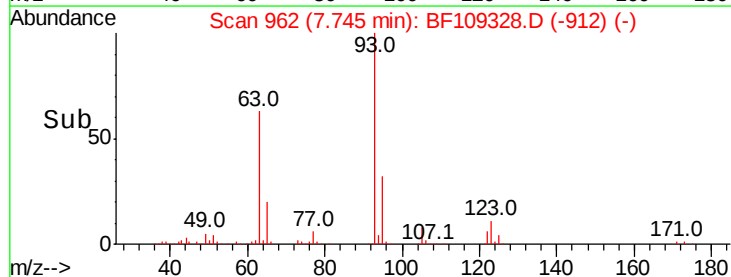
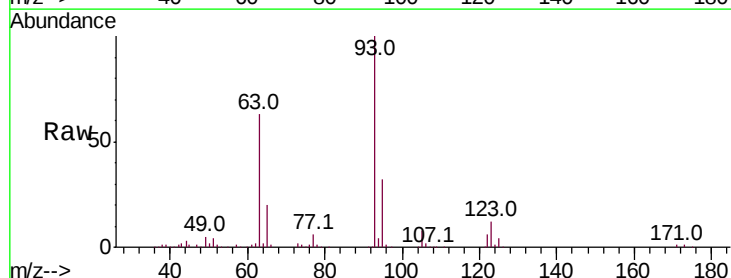
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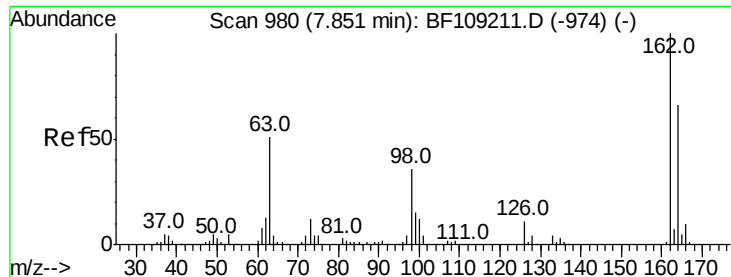
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.554 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.5	9.8	14.6





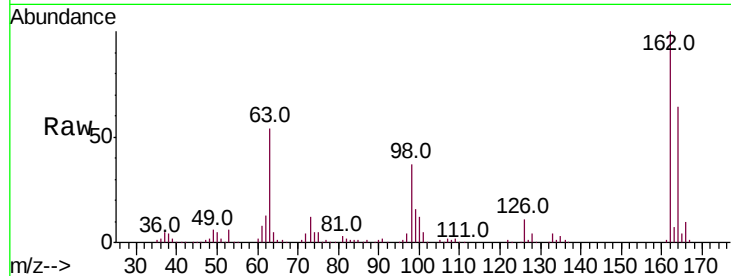
#29
 2,4-Dichlorophenol
 Concen: 35.610 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

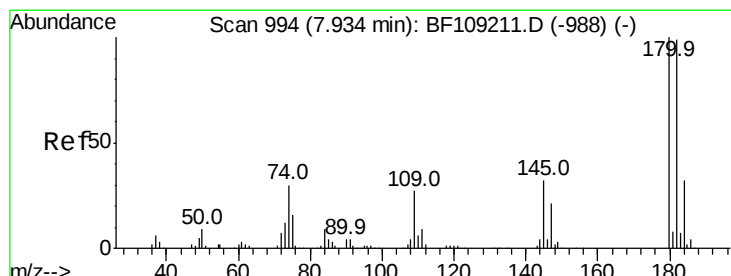
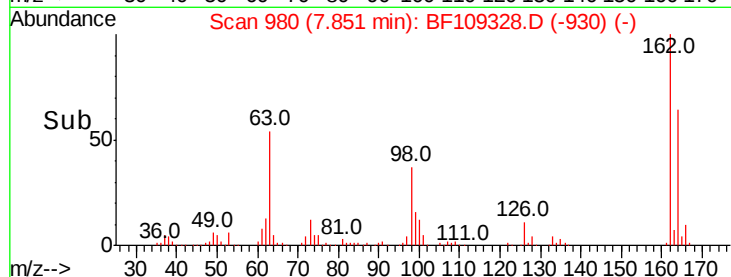
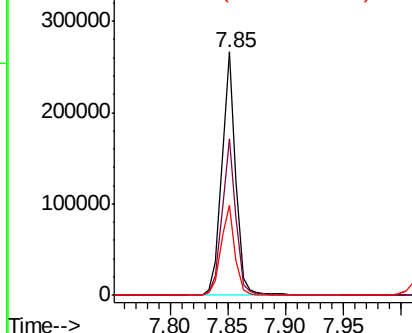
Tot Ion:	162	Resp:	223857
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.7	82.7
98	37.0	18.1	58.1

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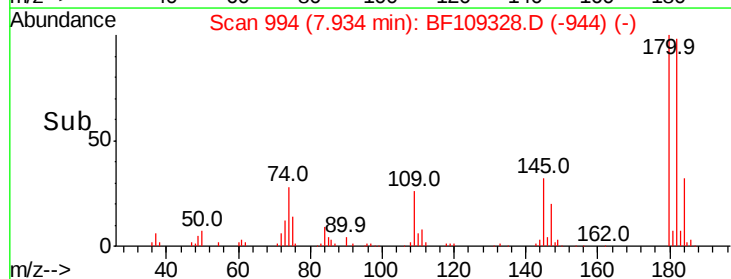
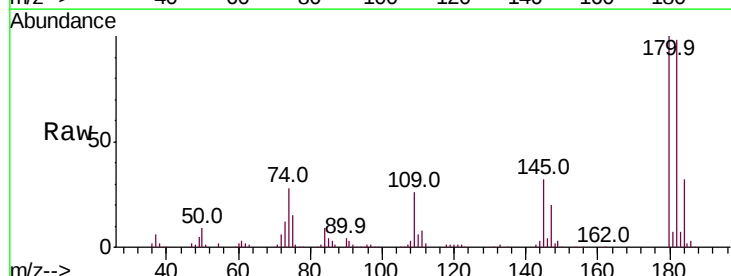
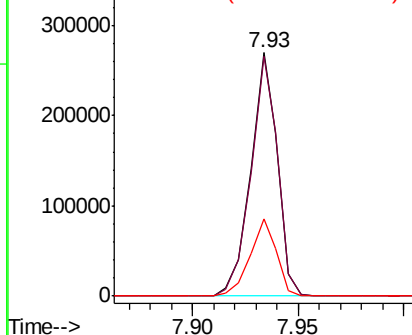
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

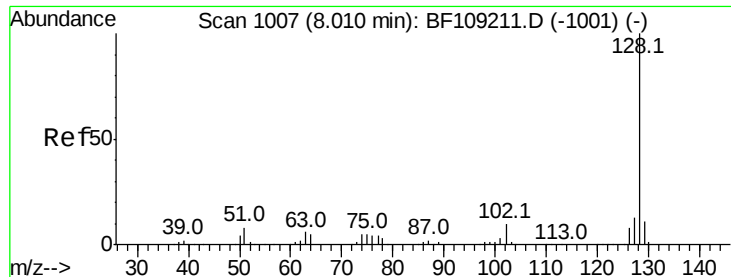


#30
 1,2,4-Trichlorobenzene
 Concen: 33.578 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion:	180	Resp:	235868
Ion Ratio	Lower	Upper	
180	100		
182	98.4	76.8	115.2
145	32.0	26.5	39.7

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





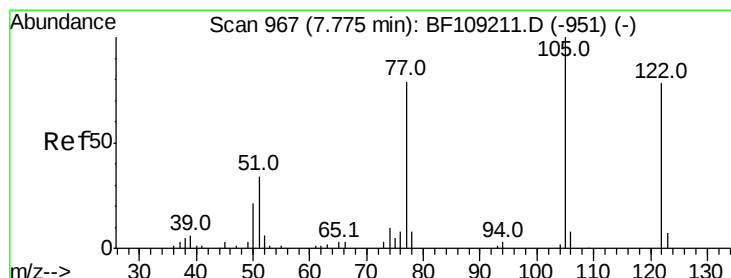
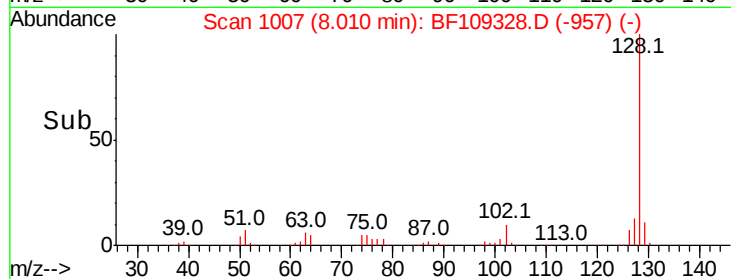
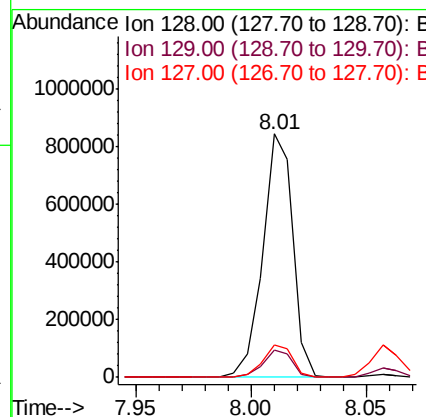
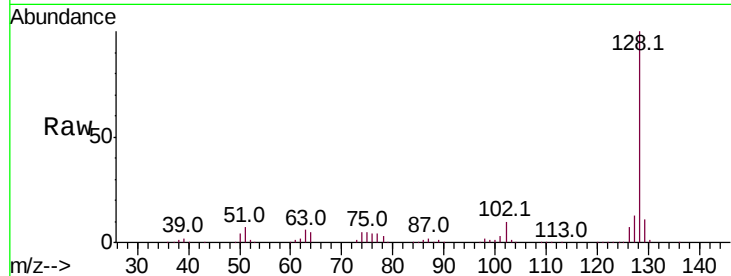
#31
Naphthalene
Concen: 36.354 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	764728		
129	11.2	8.8	13.2	
127	13.3	10.9	16.3	

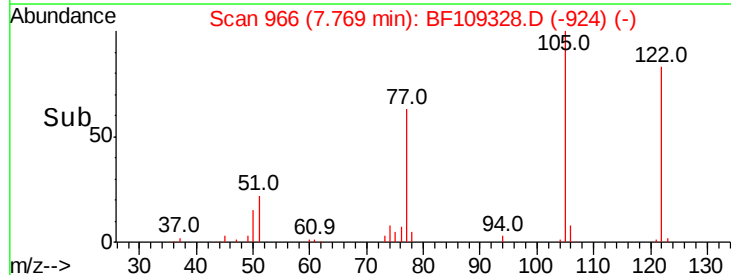
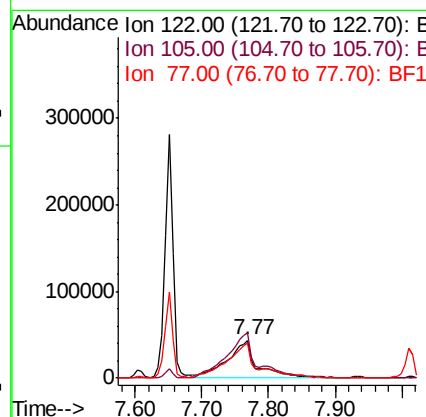
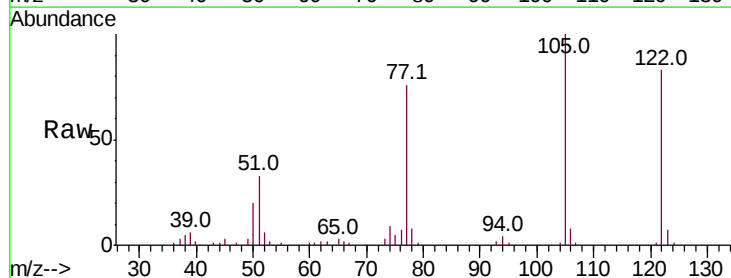
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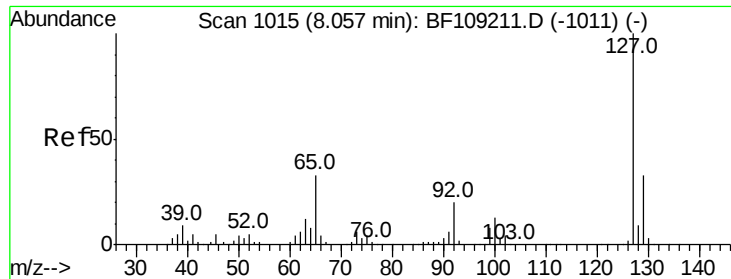
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#32
Benzoic acid
Concen: 34.998 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	133580		
105	121.0	101.1	141.1	
77	91.7	70.7	110.7	





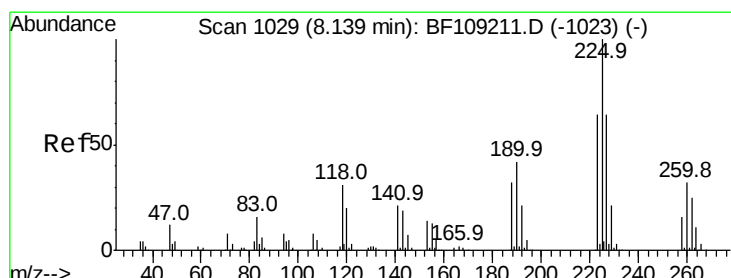
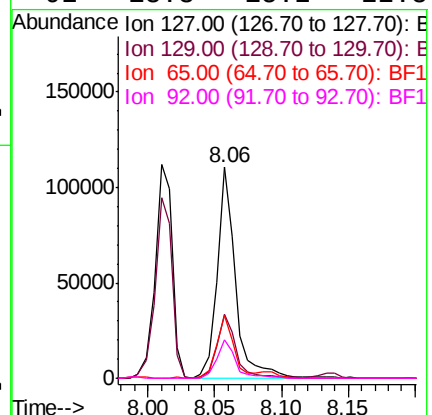
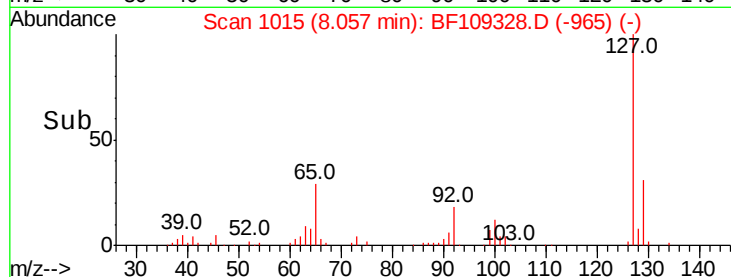
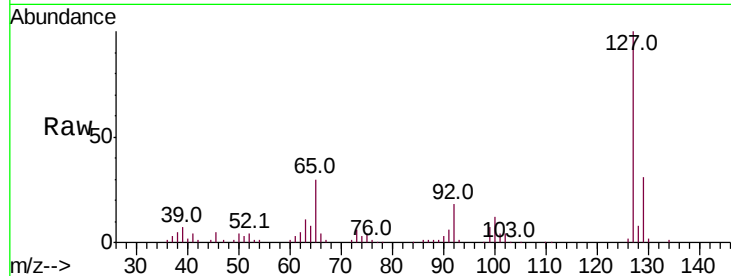
#33
4-Chloroaniline
Concen: 11.723 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.6	25.9	38.9	
65	29.9	25.0	37.4	
92	18.3	15.2	22.8	

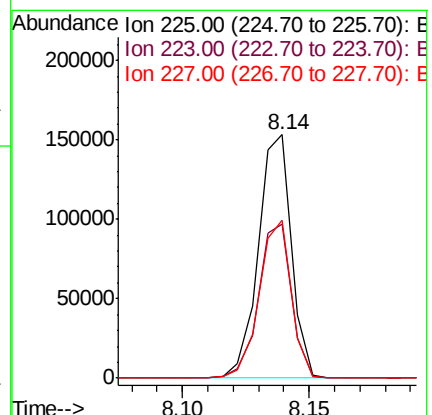
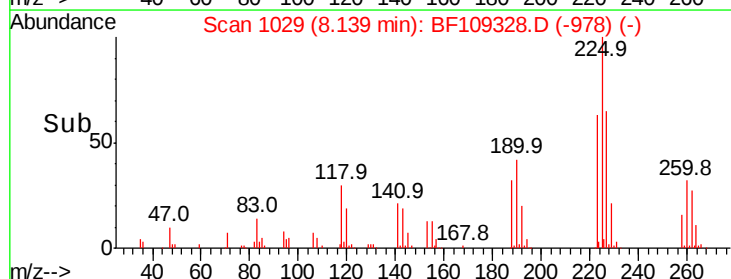
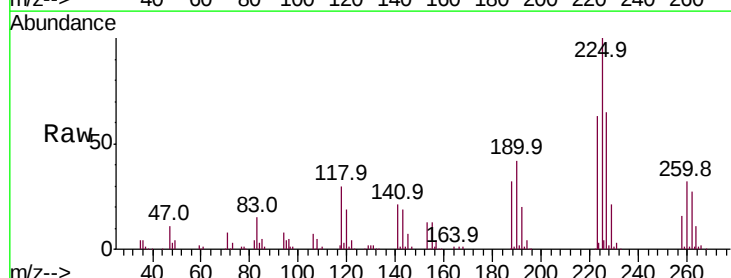
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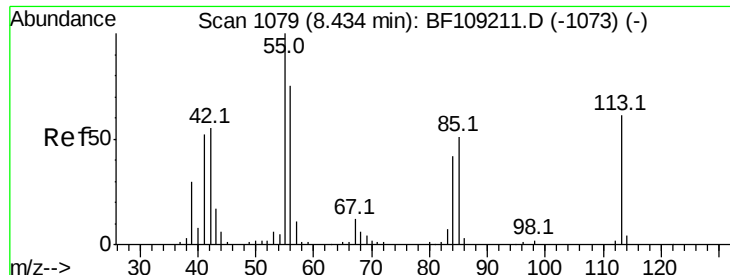
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#34
Hexachlorobutadiene
Concen: 32.917 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	64.6	51.9	77.9	





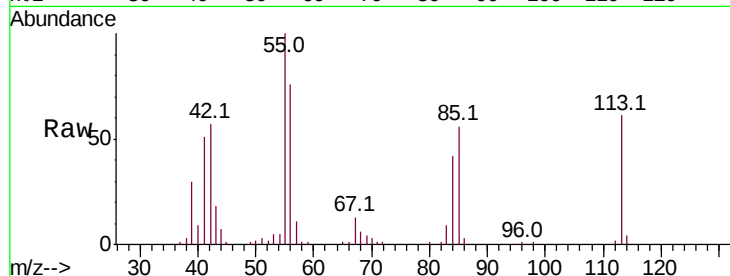
#35
 Caprolactam
 Concen: 35.860 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleID :
 PB113191BSD

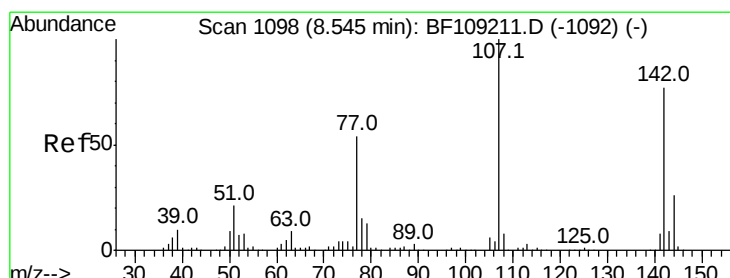
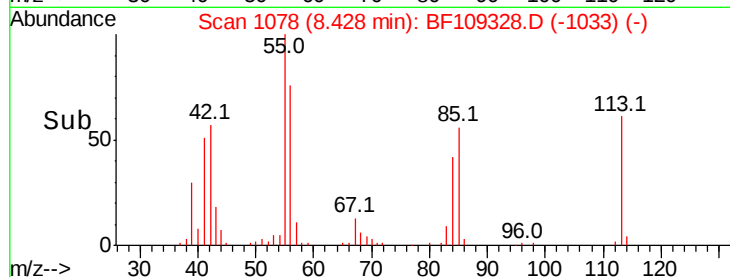
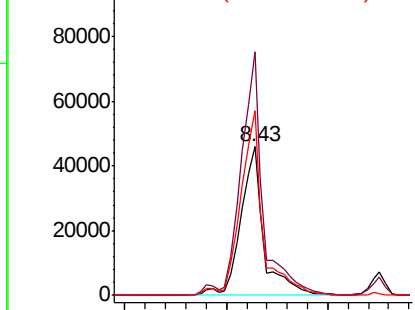
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	164.2	163.3	203.3	
56	124.3	115.7	155.7	

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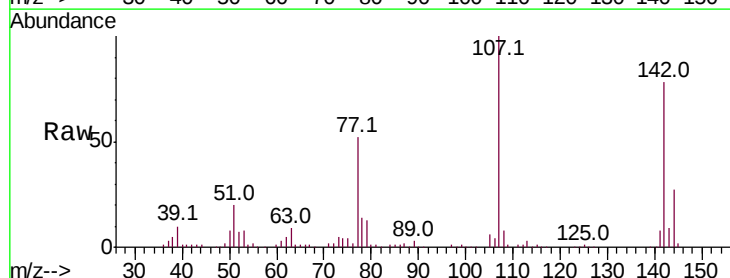


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

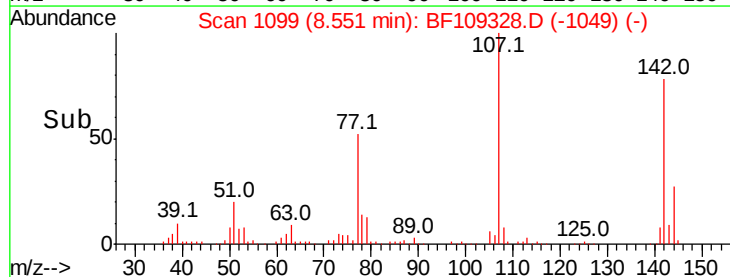
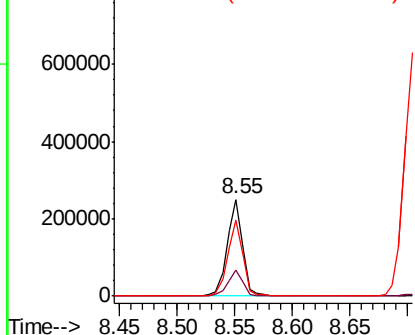


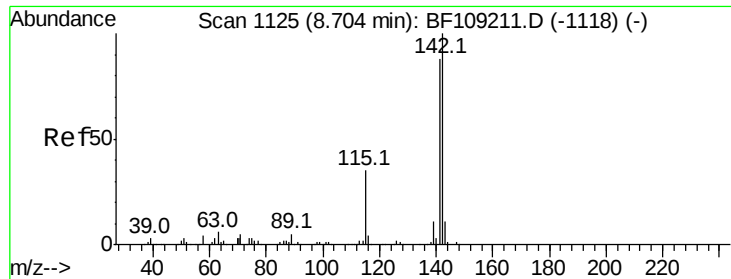
#36
 4-Chloro-3-methylphenol
 Concen: 34.743 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.9	20.5	30.7	
142	78.4	62.0	93.0	



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





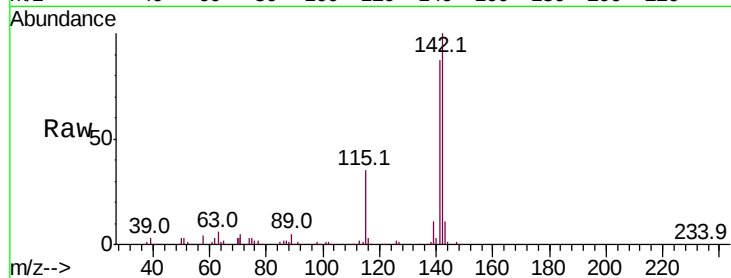
#37
2-Methylnaphthalene
Concen: 37.484 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	34.9	26.1	39.1

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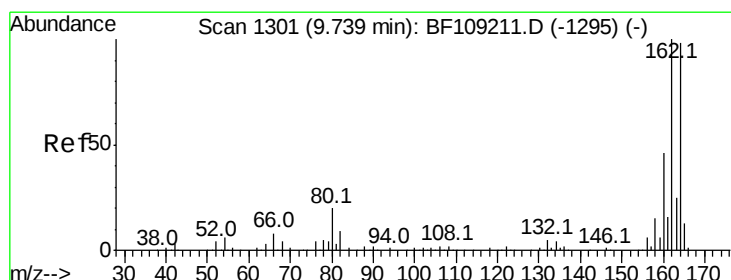
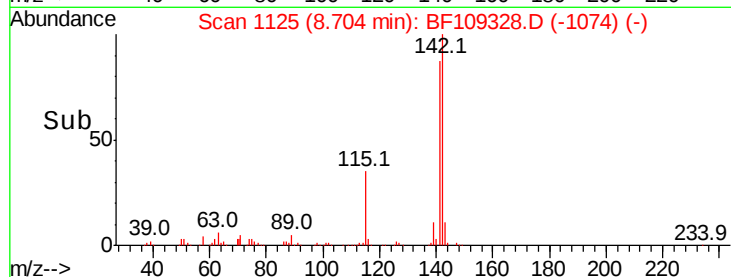
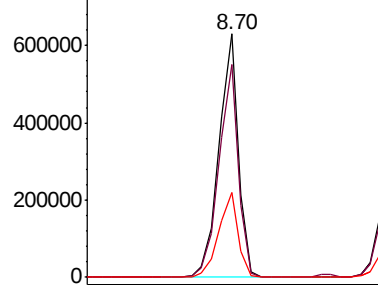


Abundance

Ion 142.00 (141.70 to 142.70): E

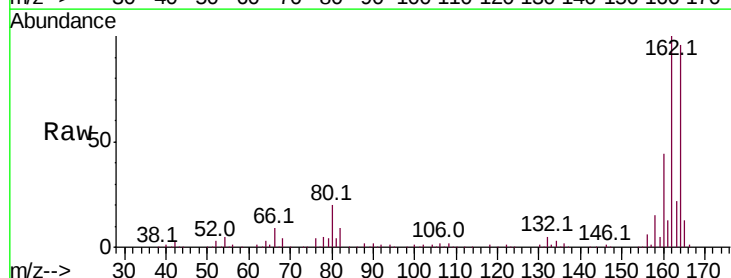
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.0	38.3	57.5

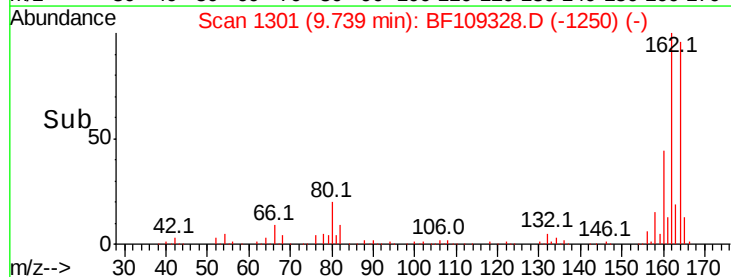
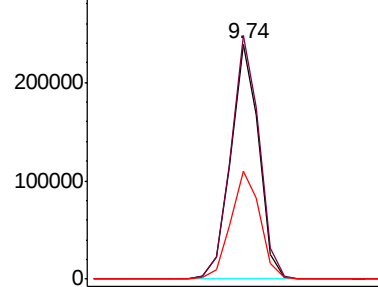


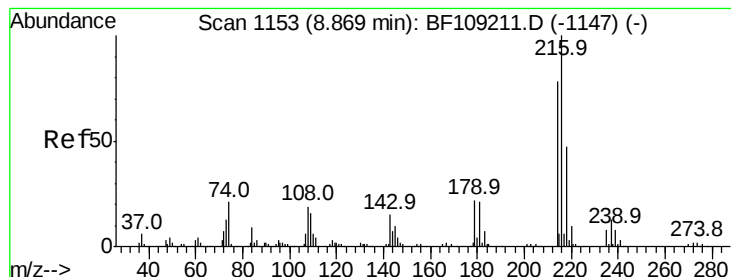
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.256 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

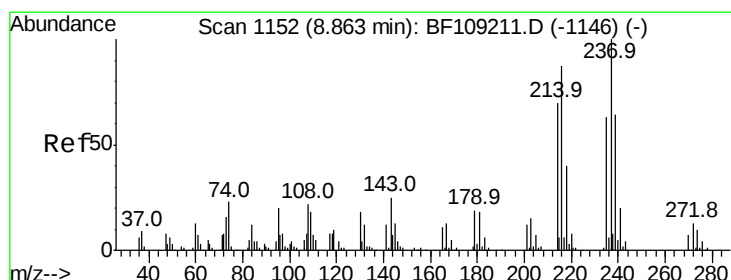
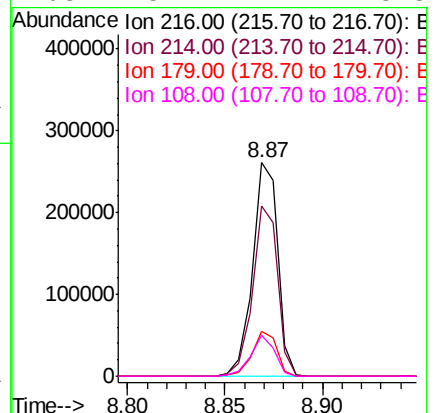
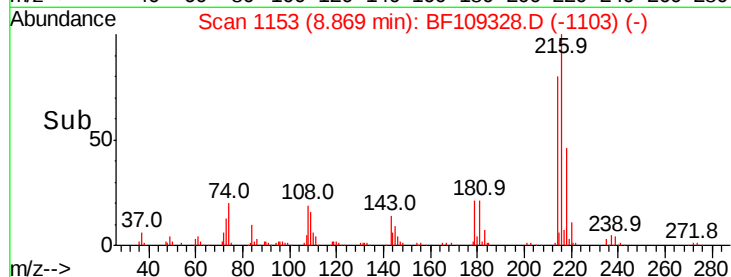
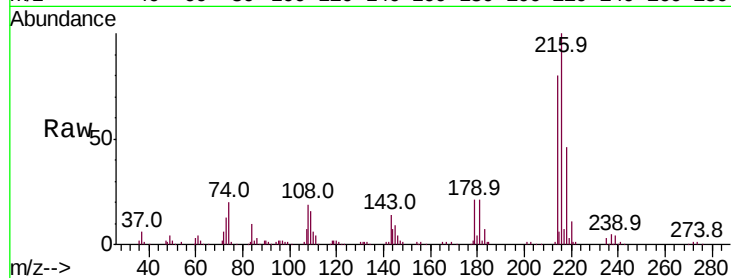
ClientSampleId :

PB113191BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.7	18.1	27.1
108	18.1	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 19.118 ng

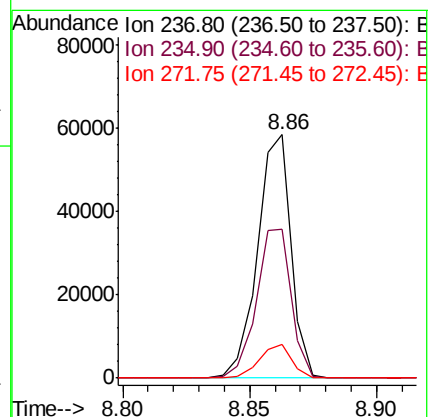
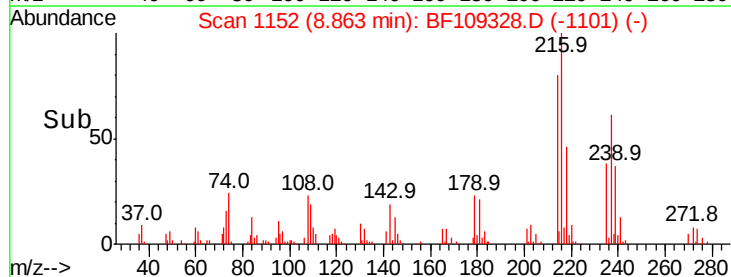
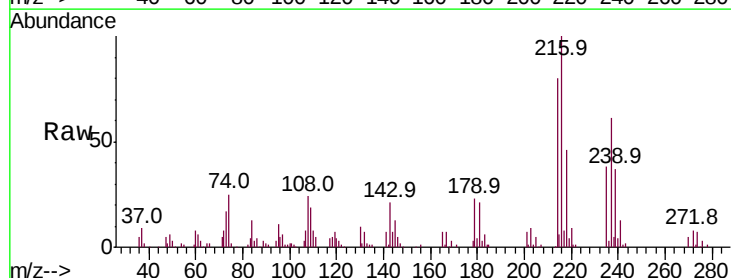
RT: 8.86 min Scan# 1152

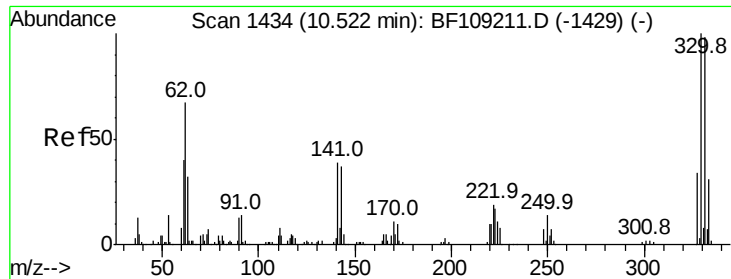
Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.2	44.8	84.8
272	13.8	0.0	33.3





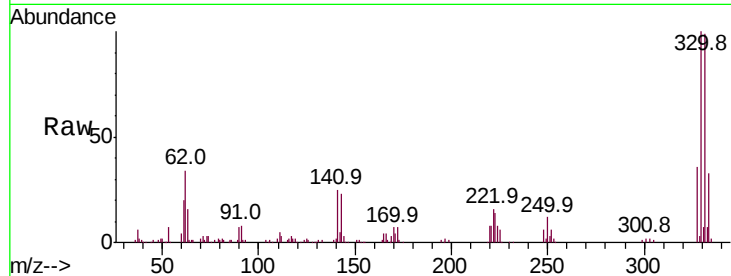
#41
 2,4,6-Tribromophenol
 Concen: 65.213 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

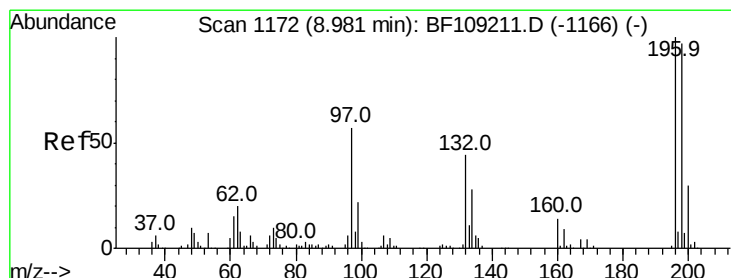
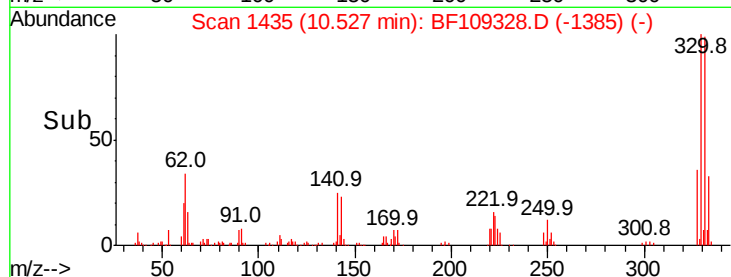
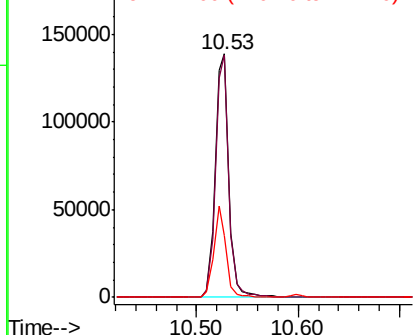
Tot Ion	Ratio	Resp	Lower	Upper
330	100	129881		
332	96.6	77.0	115.6	
141	33.3	29.9	44.9	

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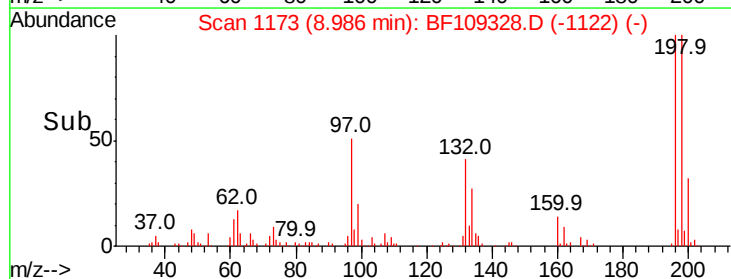
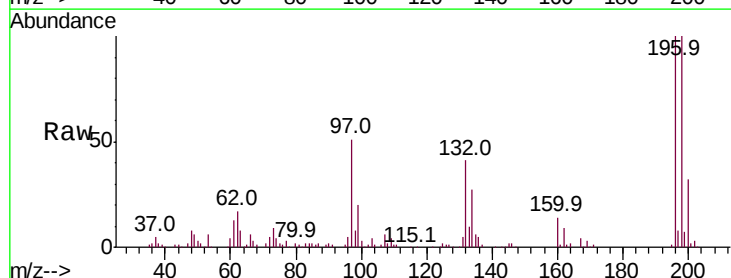
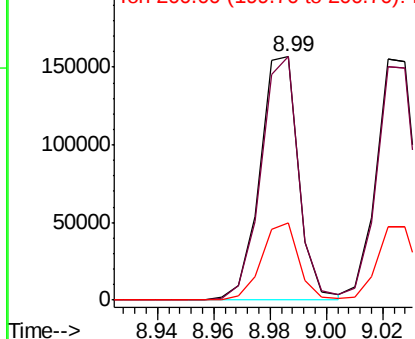
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.176 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149288		
198	100.0	75.7	113.5	
200	31.8	24.5	36.7	

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





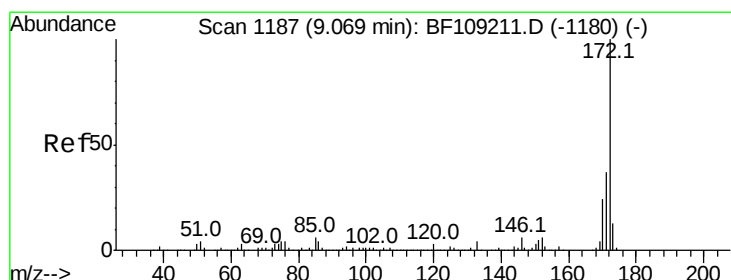
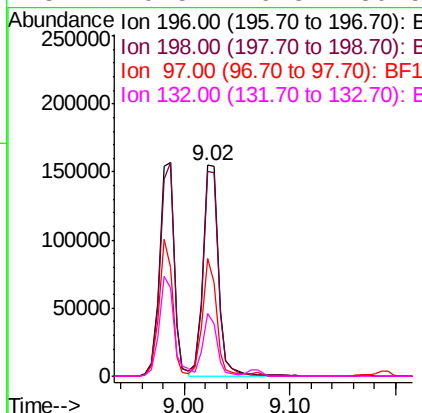
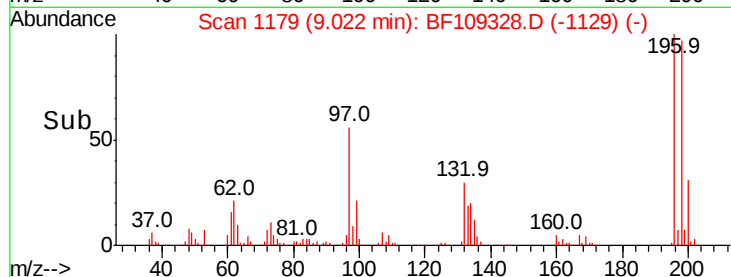
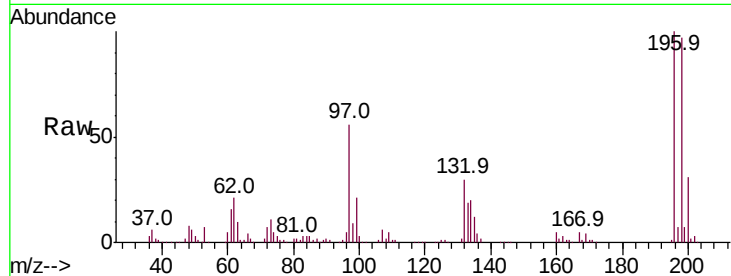
#43
 2,4,5-Trichlorophenol
 Concen: 36.421 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158736		
198	96.8	74.6	112.0	
97	55.8	42.9	64.3	
132	29.5	26.3	39.5	

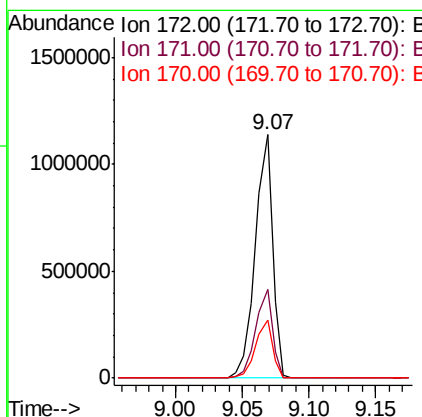
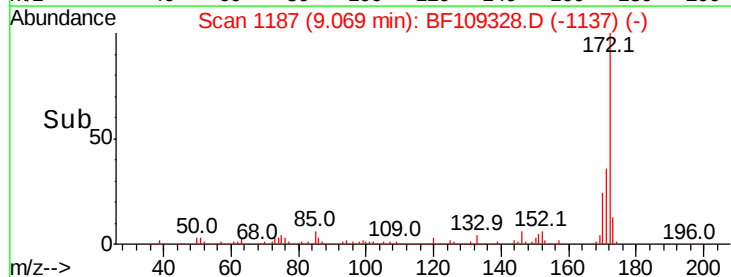
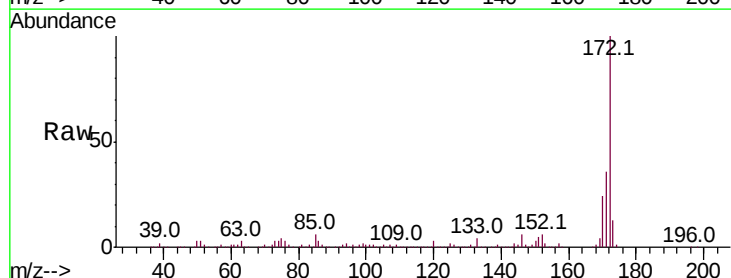
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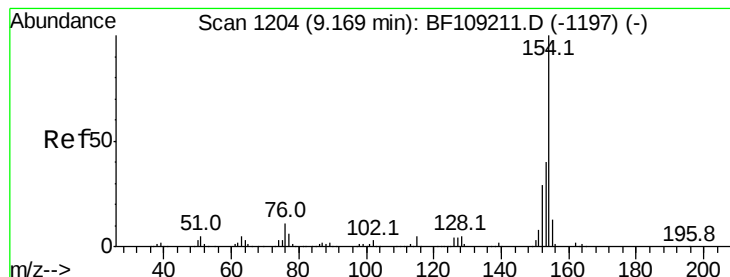
Sohil
 9/26/2018 3:43:12 PM



#44
 2-Fluorobiphenyl
 Concen: 75.039 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1005208		
171	36.2	29.7	44.5	
170	23.8	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 36.918 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

ClientSampleId :

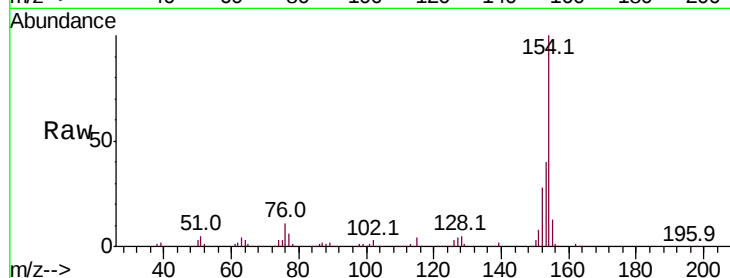
PB113191BSD

Tot Ion:	154	Resp:	607705
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.3	61.3
76	11.3	0.0	34.0

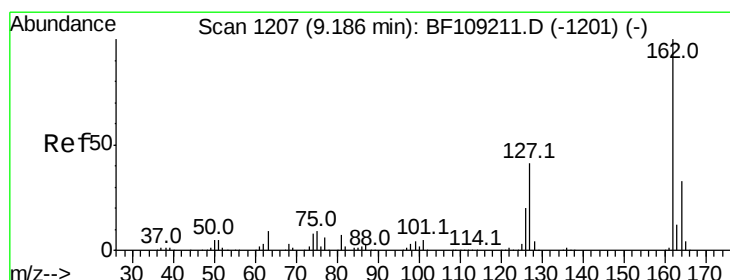
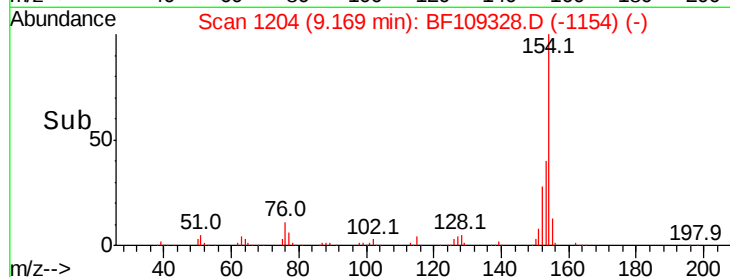
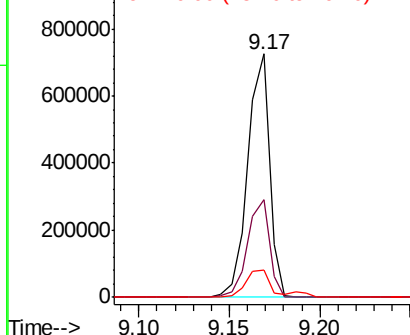
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 34.825 ng

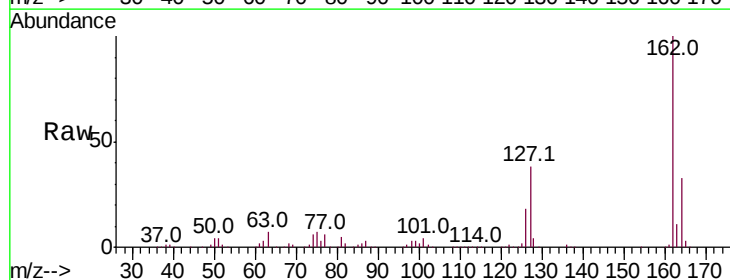
RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

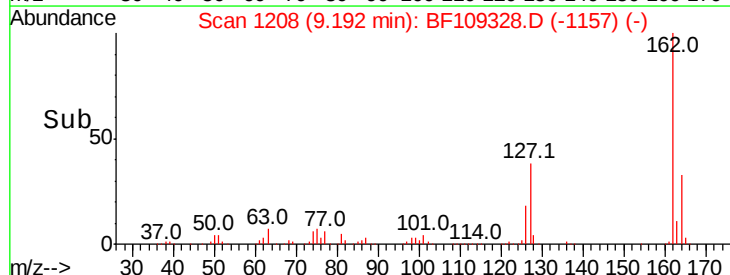
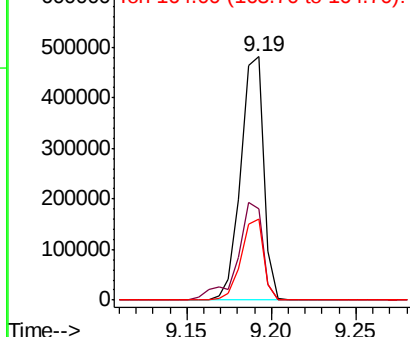
Lab File: BF109328.D

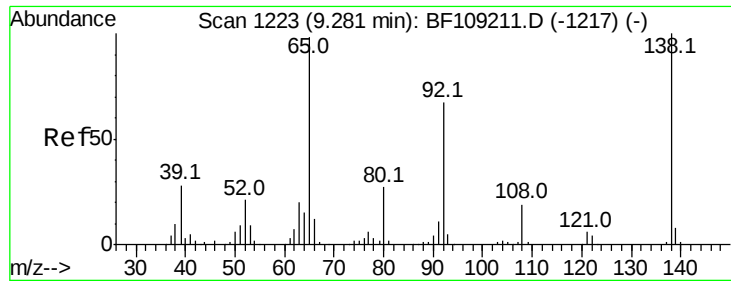
Acq: 26 Sep 2018 10:26

Tgt Ion:	162	Resp:	457956
Ion Ratio	Lower	Upper	
162	100		
127	37.7	33.9	50.9
164	33.1	26.5	39.7



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





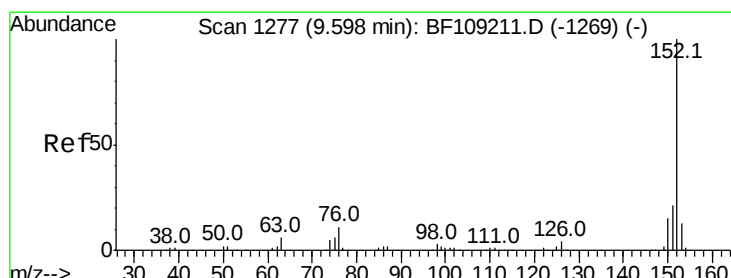
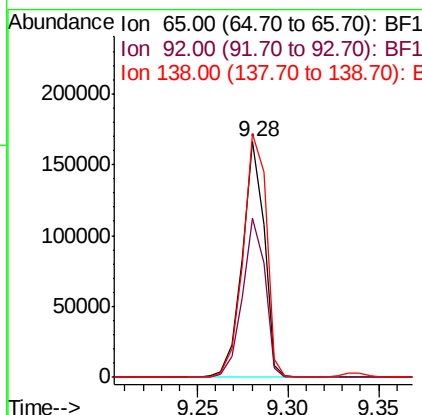
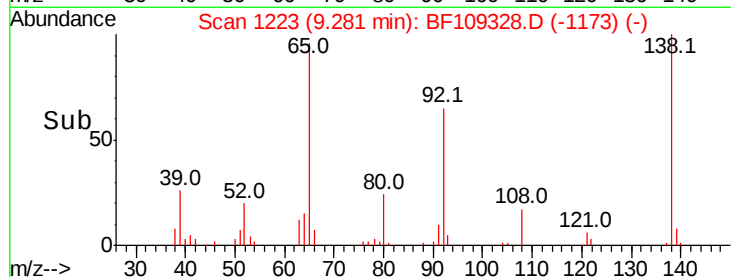
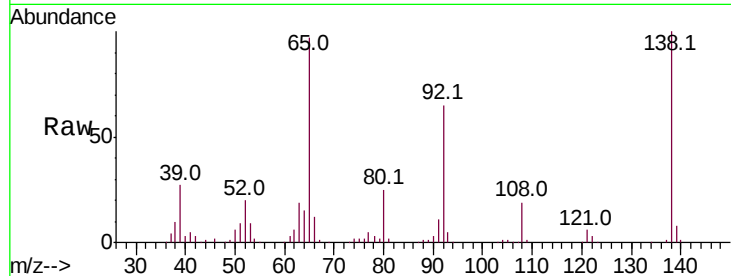
#47
 2-Nitroaniline
 Concen: 37.500 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion:	65	Resp:	139813
Ion Ratio	Lower	Upper	
65	100		
92	67.5	55.8	83.6
138	103.4	91.2	136.8

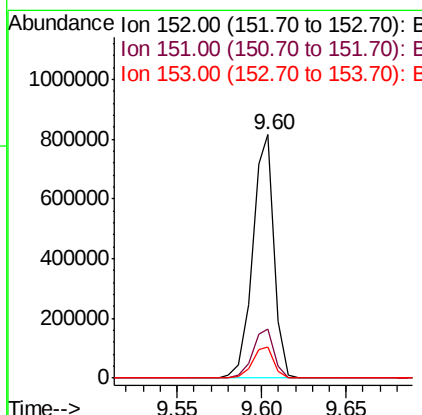
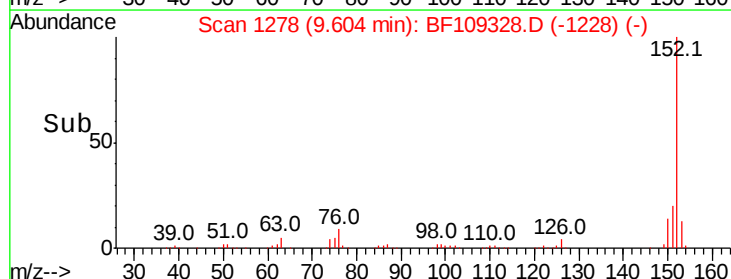
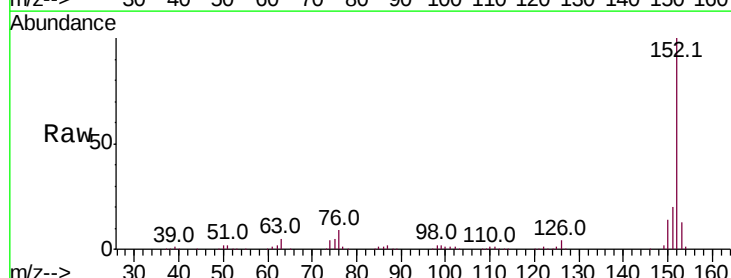
Manual Integrations
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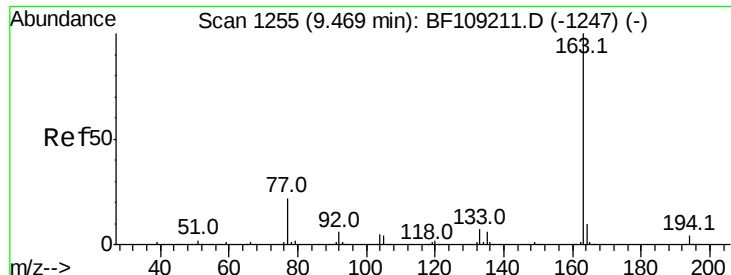
Sohil
 9/26/2018 3:43:12 PM



#48
 Acenaphthylene
 Concen: 36.265 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion:	152	Resp:	719444
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	12.6	10.7	16.1





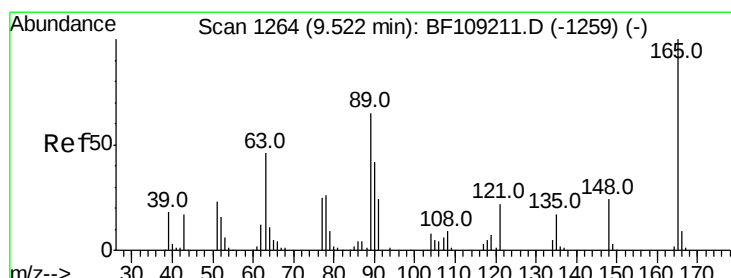
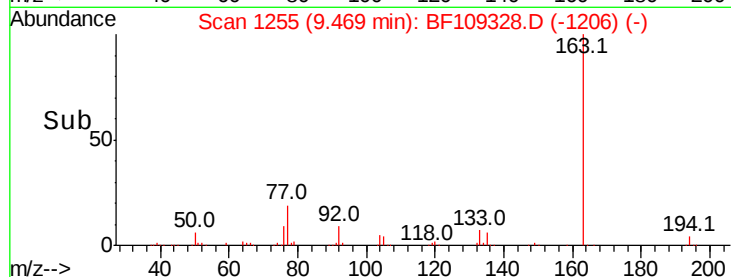
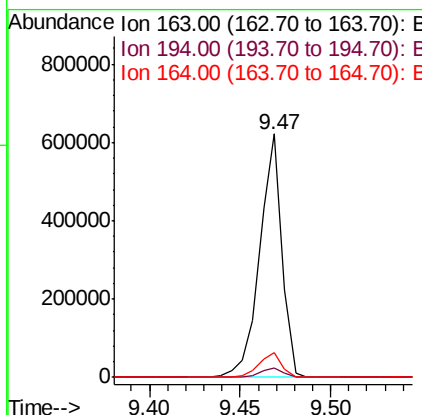
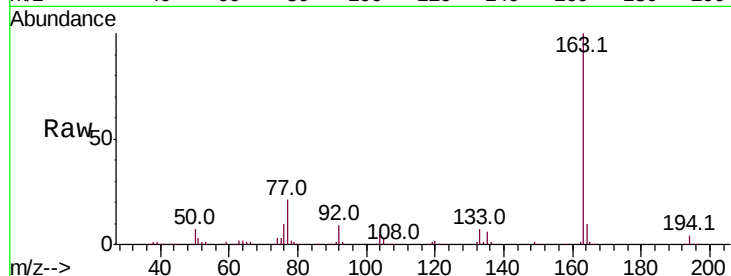
#49
Dimethylphthalate
Concen: 36.075 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.1	8.2	12.2	

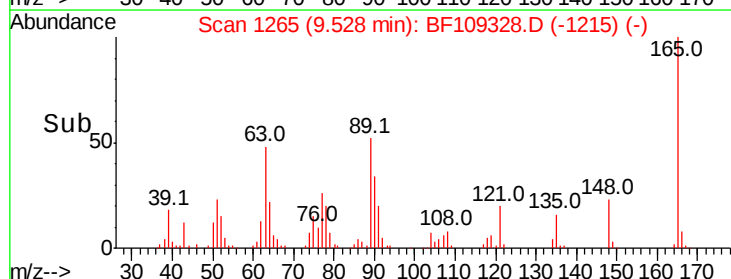
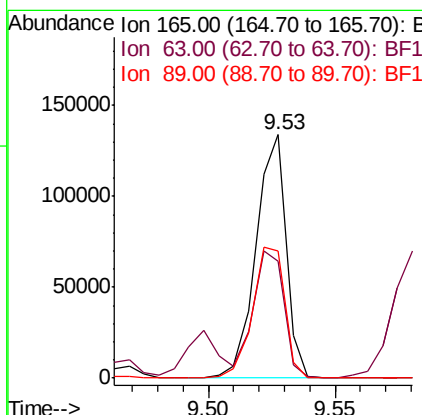
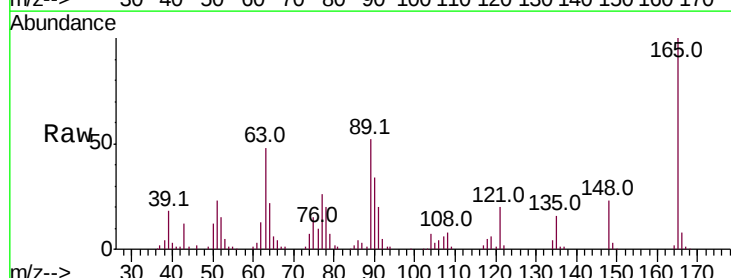
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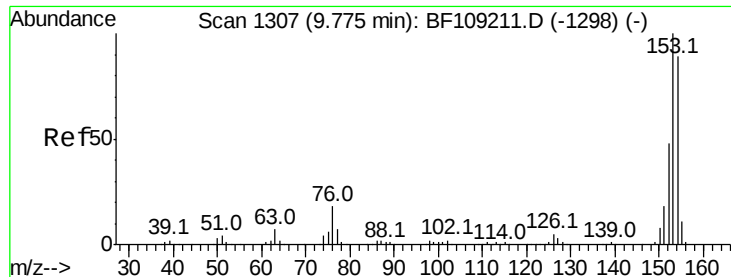
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.287 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.2	44.7	67.1	
89	52.3	44.0	66.0	





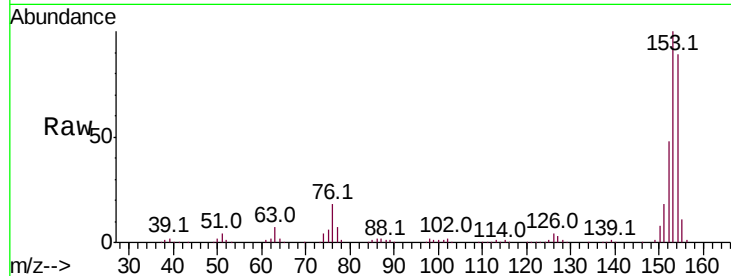
#51
Acenaphthene
Concen: 33.719 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

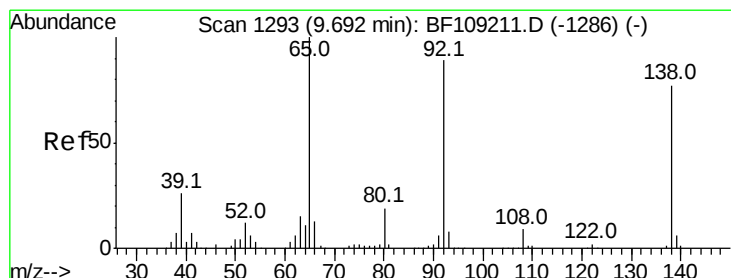
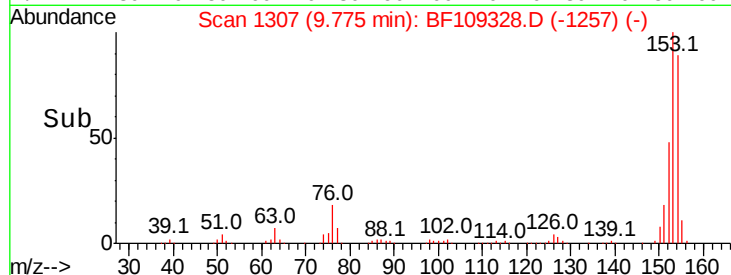
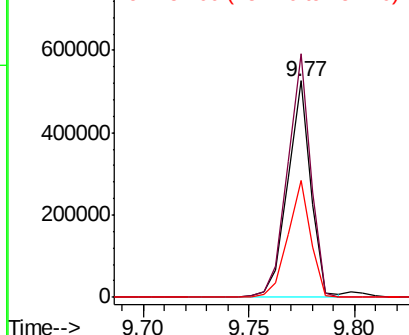
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	53.8	43.8	65.8

Manual Integrations
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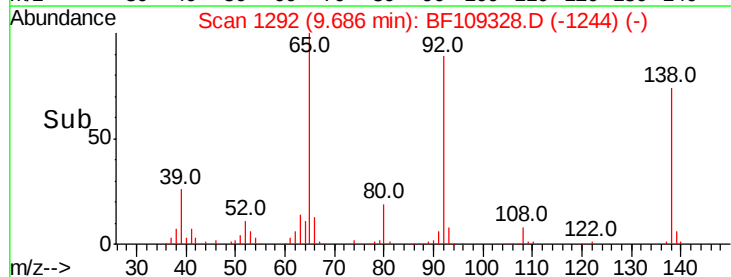
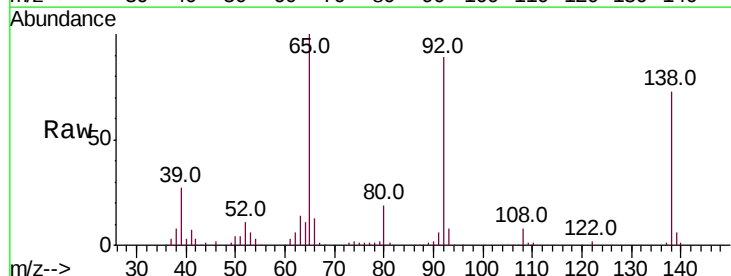
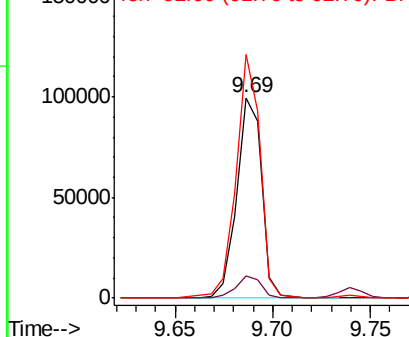
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

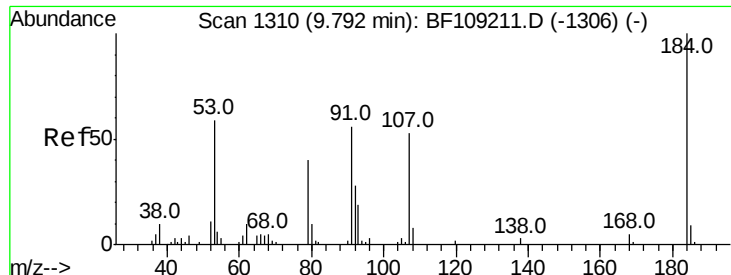


#52
3-Nitroaniline
Concen: 26.126 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.0
92	121.3	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





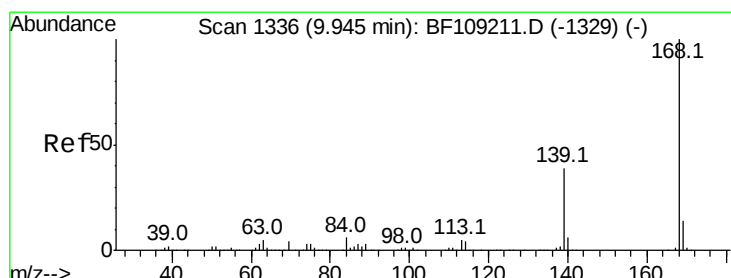
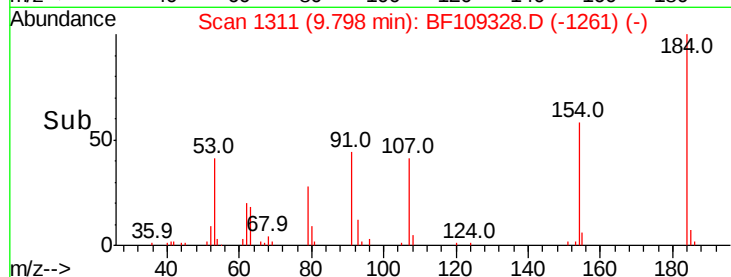
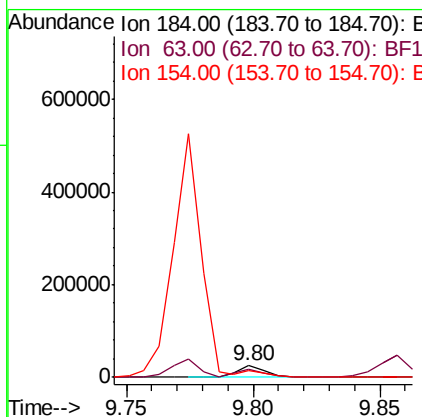
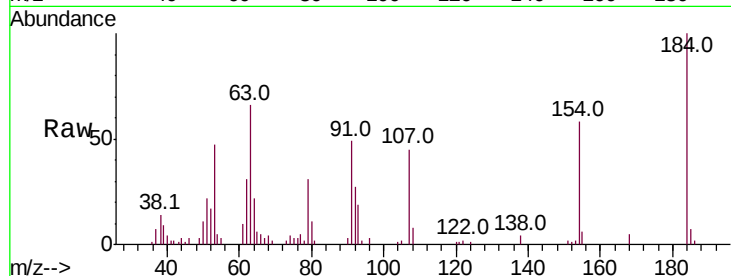
#53
2,4-Dinitrophenol
Concen: 26.898 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.9	54.2	81.2
154	57.9	184.0	276.0#

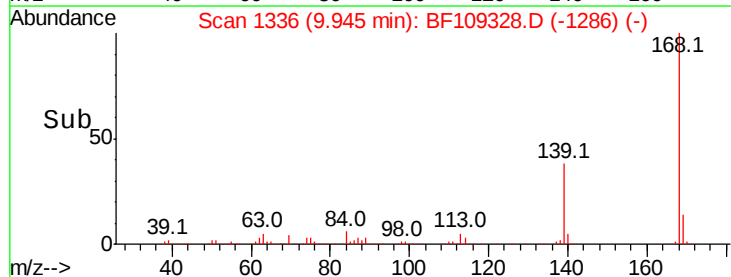
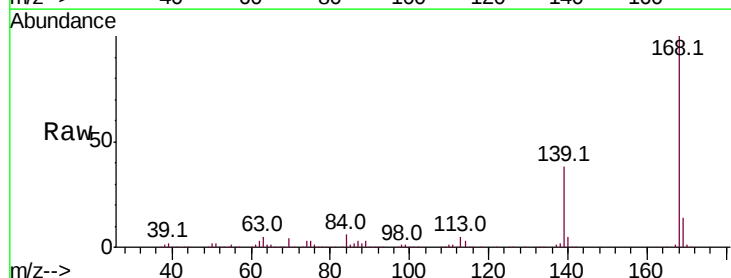
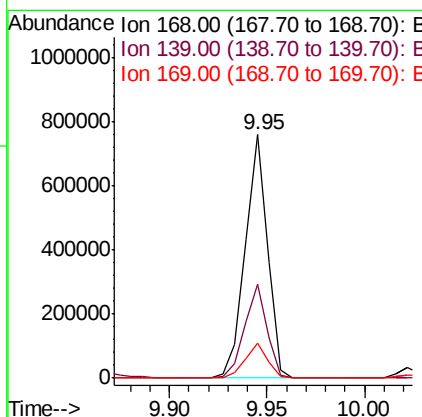
Manual Integrations
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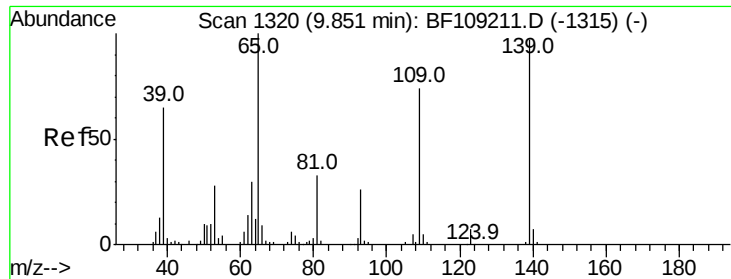
Sohil
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#54
Dibenzofuran
Concen: 33.782 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.2	10.9	16.3





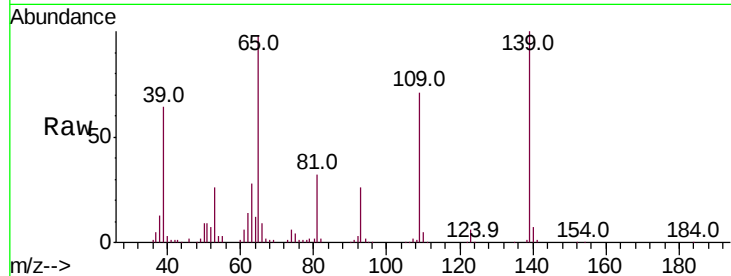
#55
4-Nitrophenol
Concen: 60.276 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.7	48.4	88.4	
65	98.3	72.6	112.6	

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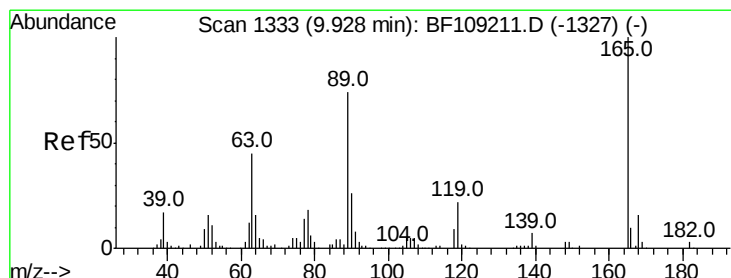
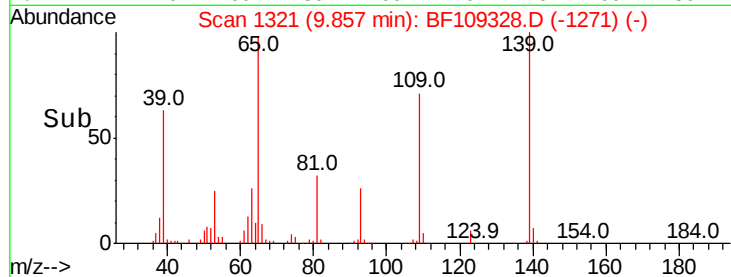
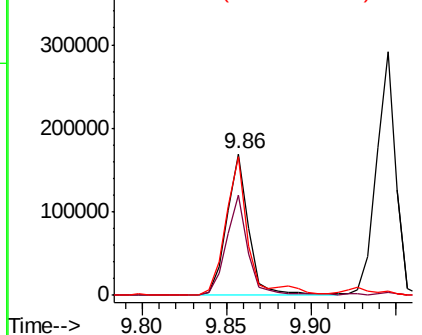


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 36.946 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.5	36.4	54.6	
89	74.0	57.8	86.6	
182	2.5	1.6	2.4	#

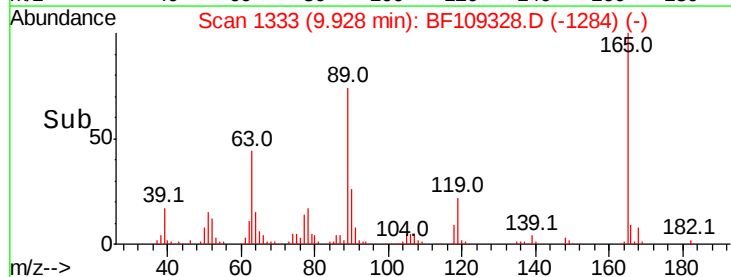
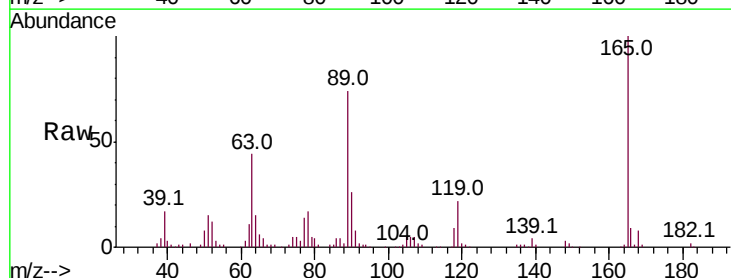
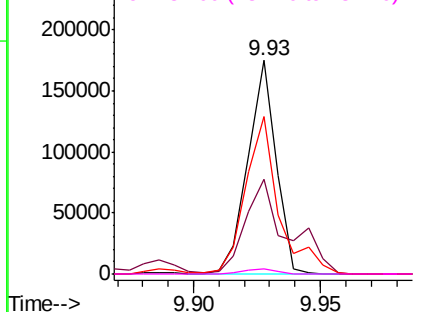
Abundance

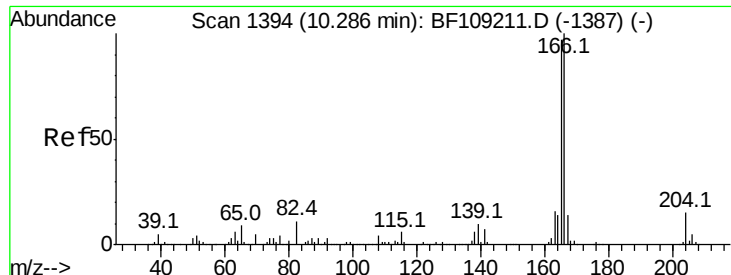
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





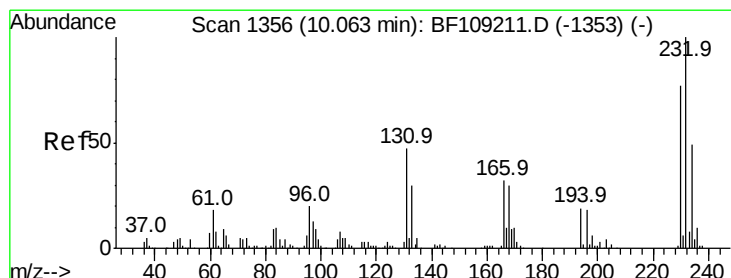
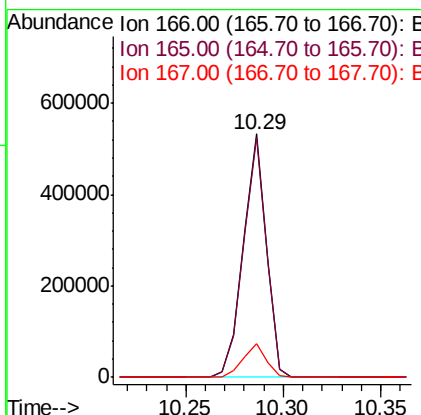
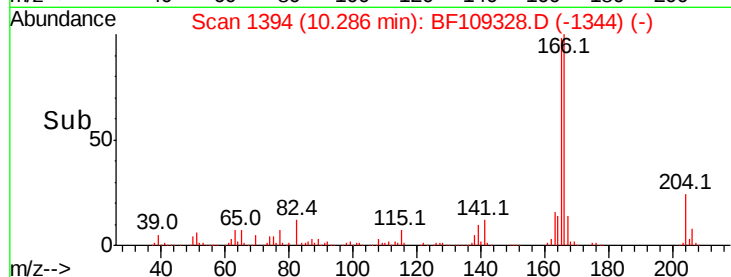
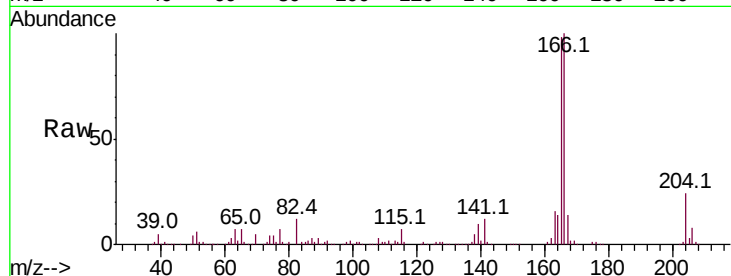
#57
Fluorene
 Concen: 34.361 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	79.8	119.8	
167	13.7	10.6	16.0	

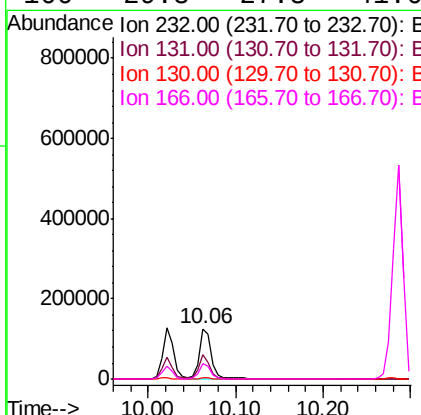
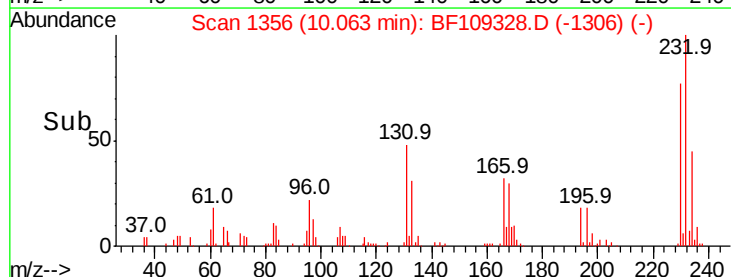
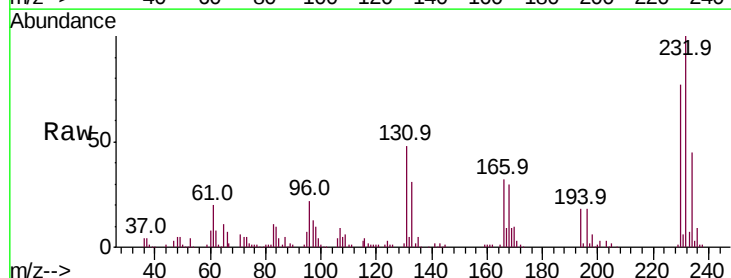
Manual Integrations
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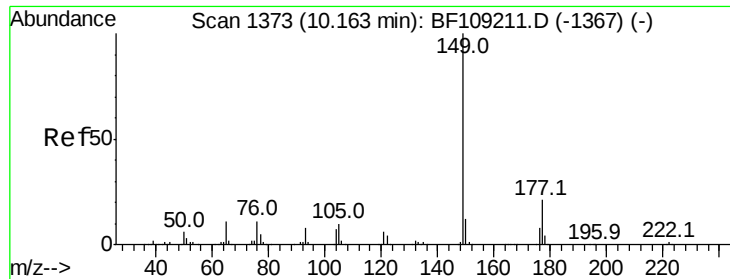
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.094 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.1	43.8	65.8#	
130	2.1	2.1	3.1#	
166	29.8	27.8	41.6	





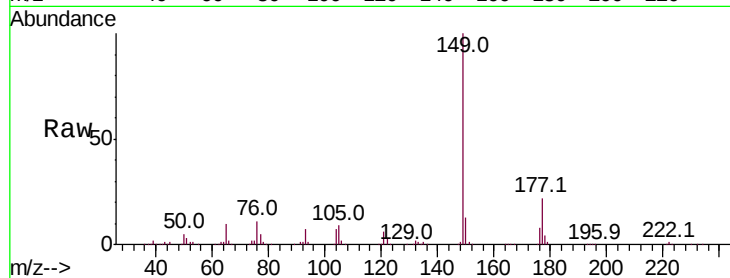
#59
Diethylphthalate
Concen: 34.527 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

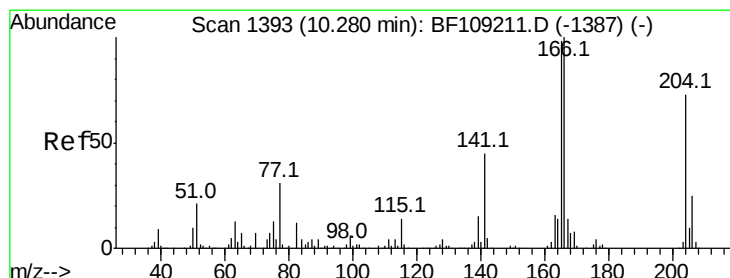
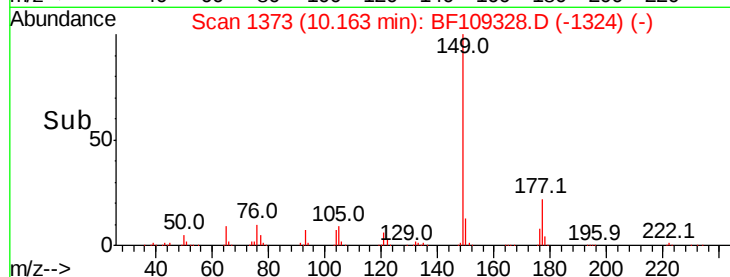
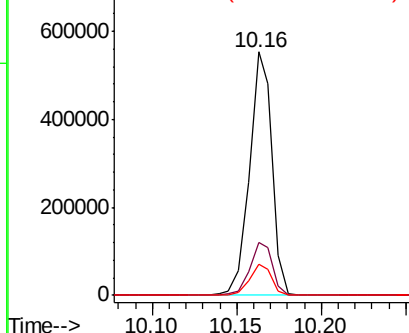
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.6	16.1	24.1	
150	12.6	10.1	15.1	

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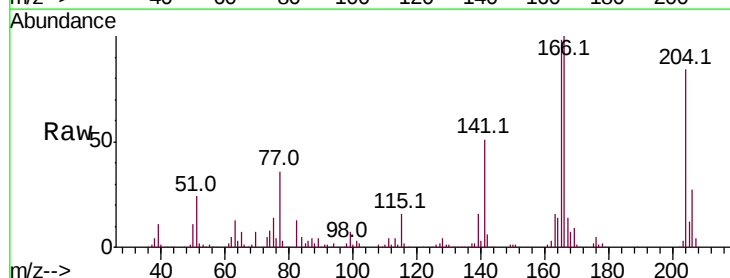


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

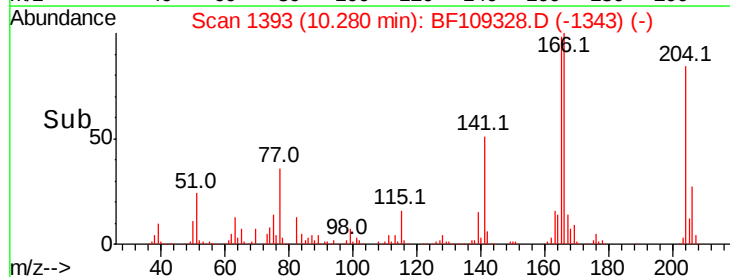
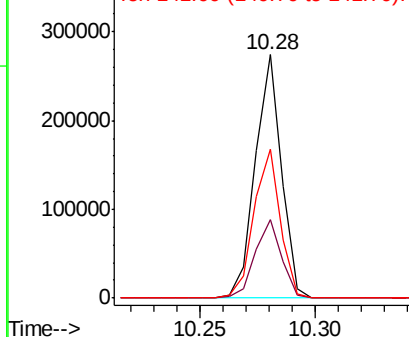


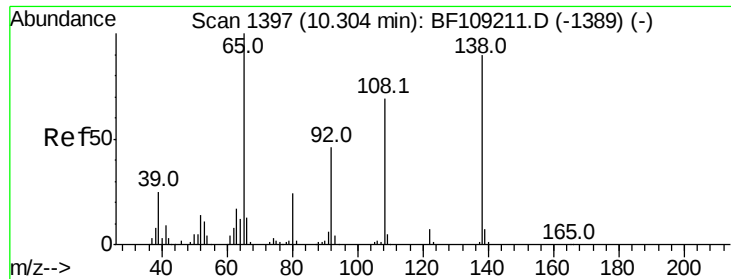
#60
4-Chlorophenyl-phenylether
Concen: 32.677 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.4	26.5	39.7	
141	61.0	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





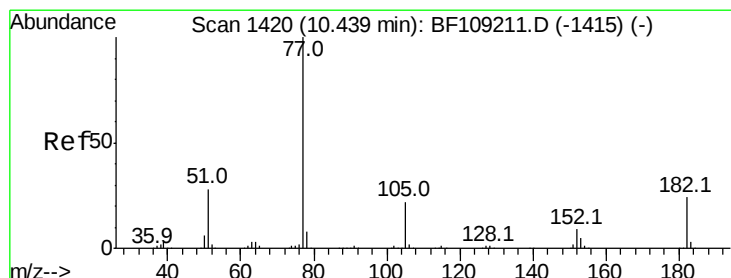
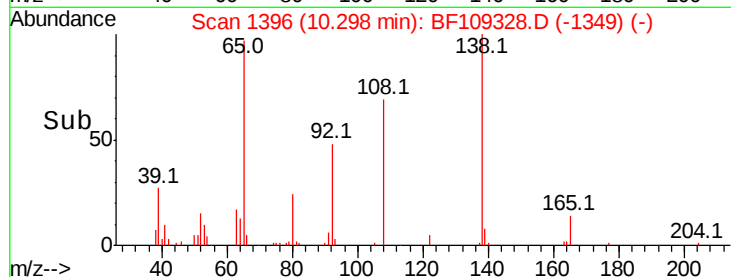
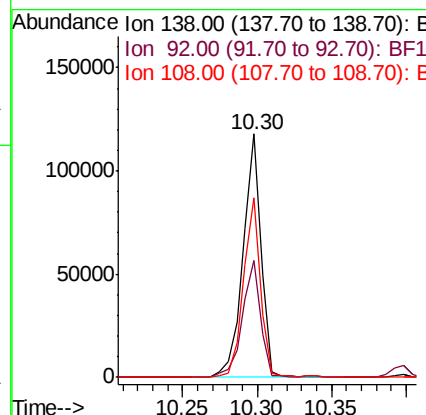
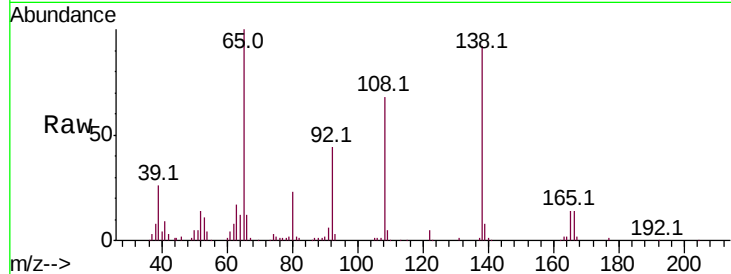
#61
4-Nitroaniline
Concen: 30.313 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.2	70.2
108	73.7	52.5	92.5

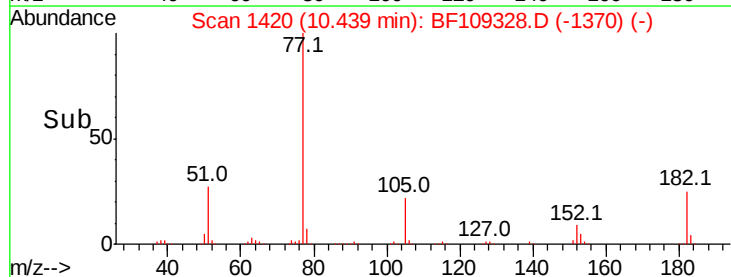
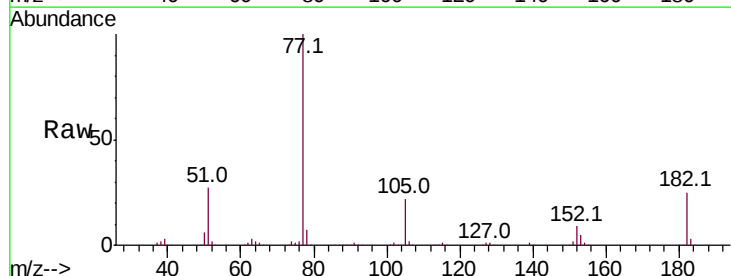
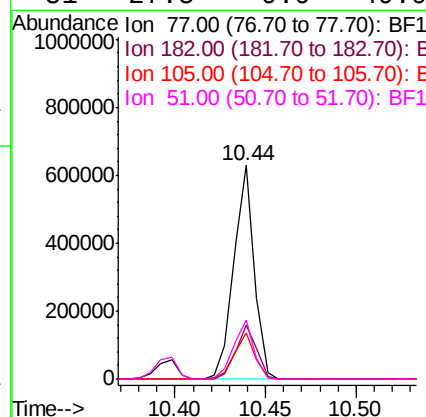
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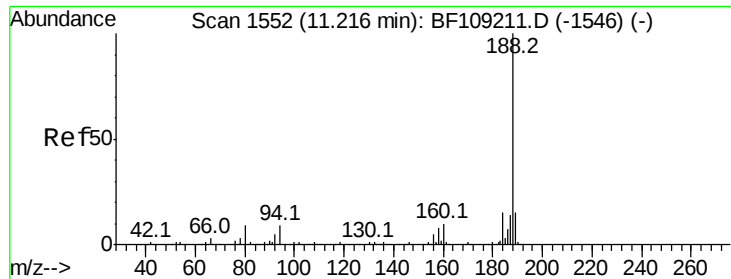
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#62
Azobenzene
Concen: 31.965 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	1.7	41.7
105	21.8	3.0	43.0
51	27.5	9.9	49.9





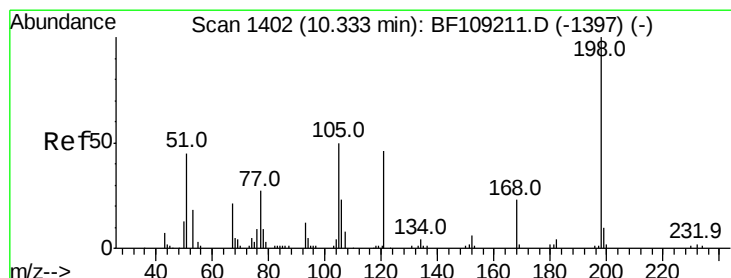
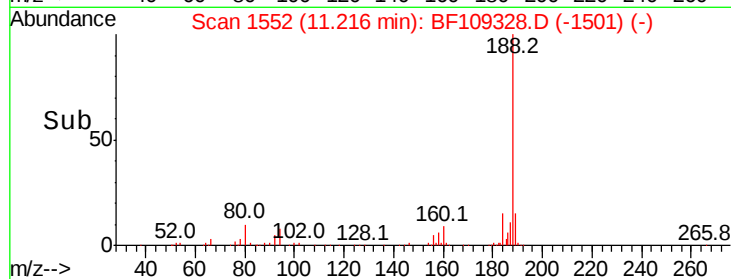
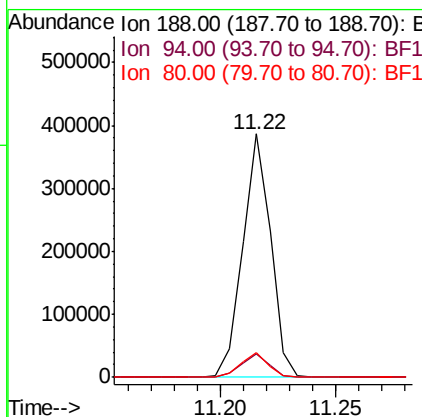
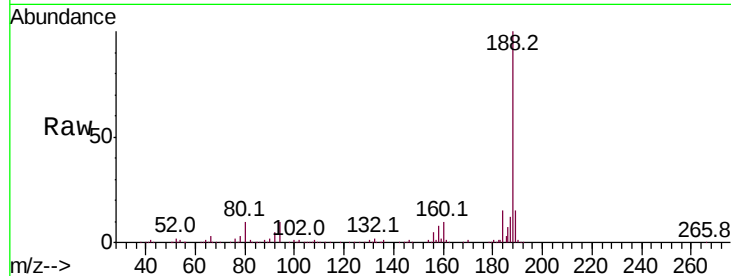
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	326443		
94	9.6		8.5	12.7
80	10.1		9.2	13.8

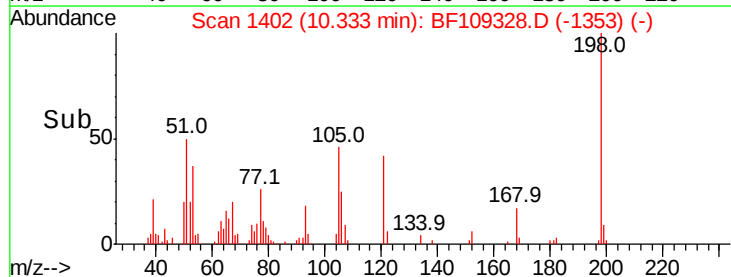
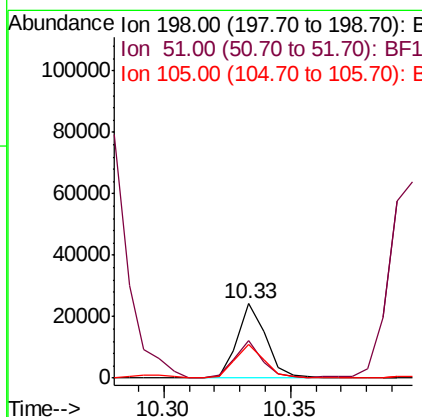
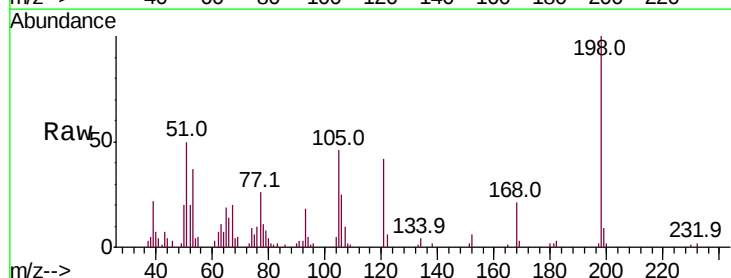
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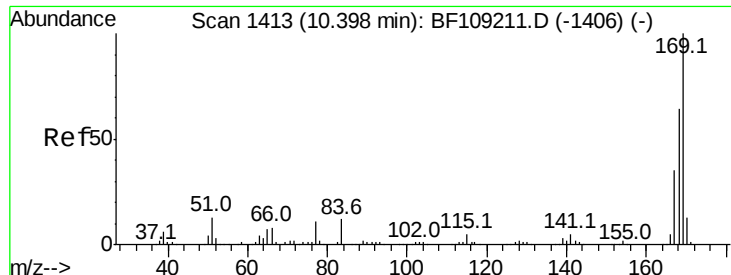
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 19.094 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	19012		
51	50.3		37.7	77.7
105	46.0		36.3	76.3





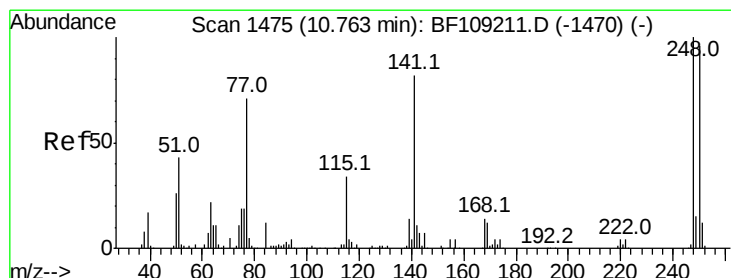
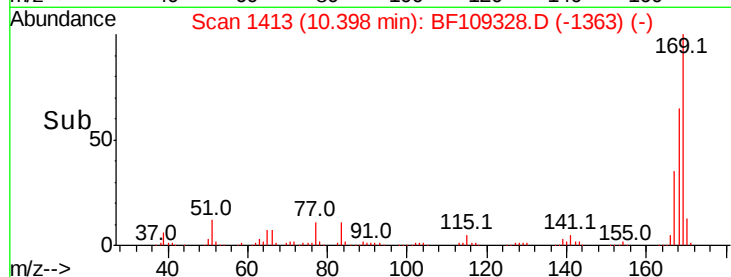
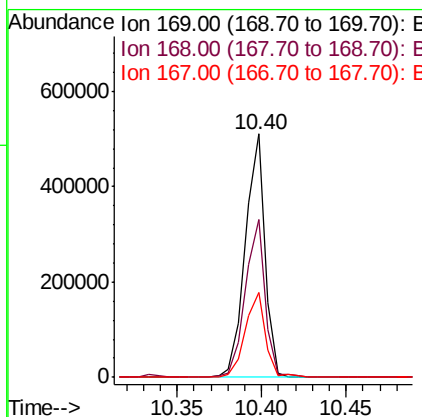
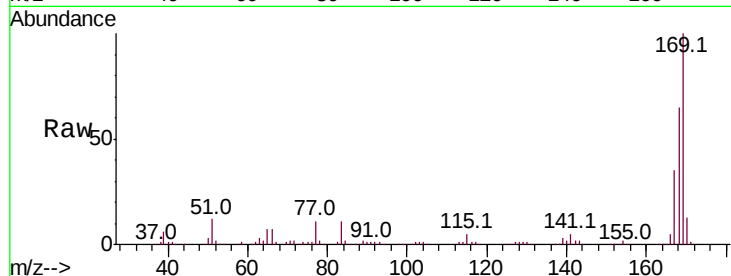
#65
 n-Nitrosodiphenylamine
 Concen: 38.694 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	417339		
168	64.7		54.4	81.6
167	35.0		29.8	44.6

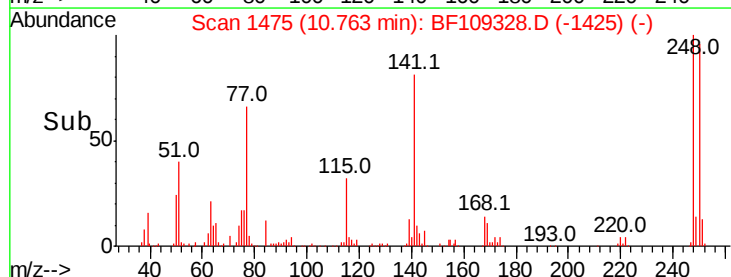
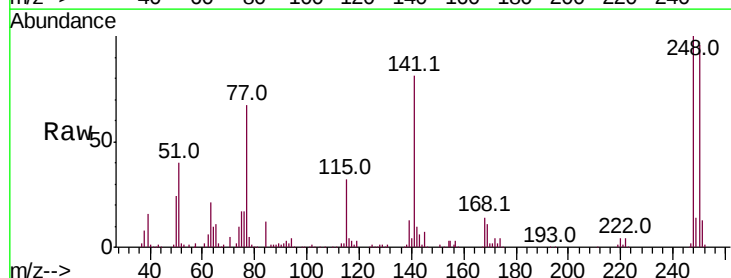
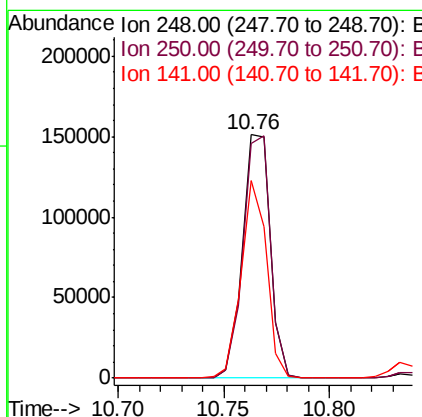
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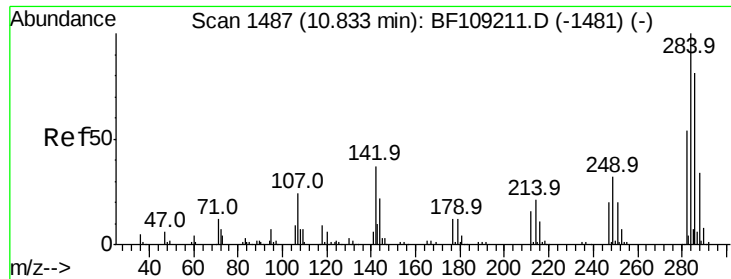
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#66
 4-Bromophenyl-phenylether
 Concen: 38.106 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	138134		
250	96.2		76.9	115.3
141	81.2		74.4	111.6





#67

Hexachlorobenzene

Concen: 35.352 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

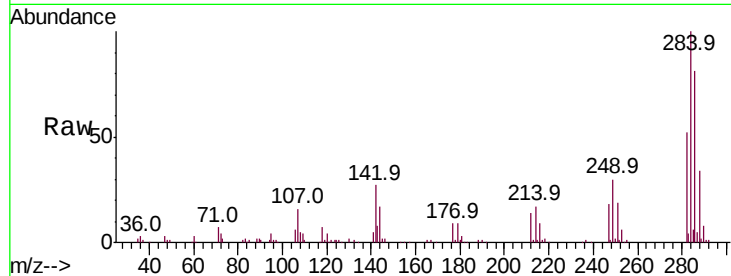
ClientSampleId :

PB113191BSD

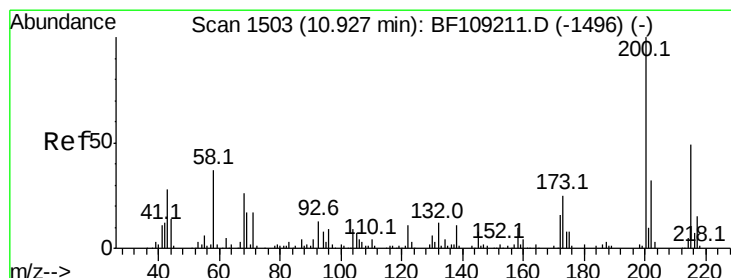
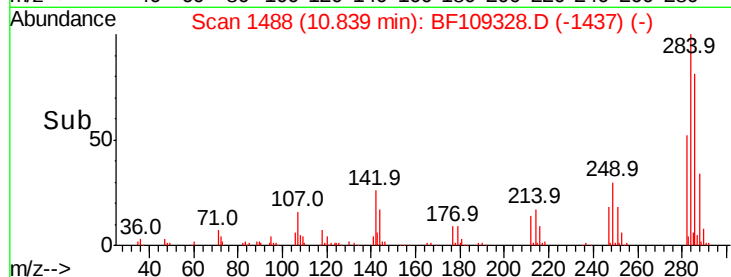
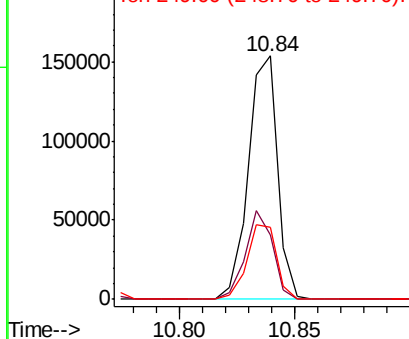
Tot Ion:	284	Resp:	136103
Ion Ratio	Lower	Upper	
284	100		
142	26.5	34.6	52.0#
249	29.7	24.8	37.2

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



#68

Atrazine

Concen: 40.539 ng

RT: 10.93 min Scan# 1503

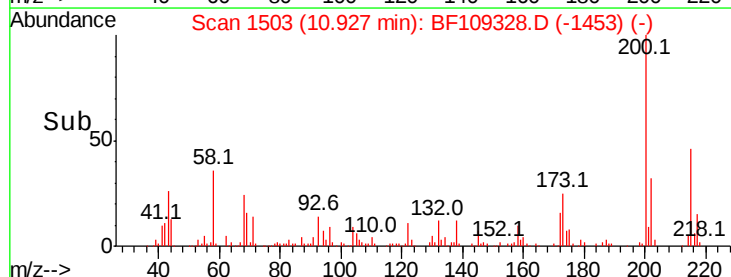
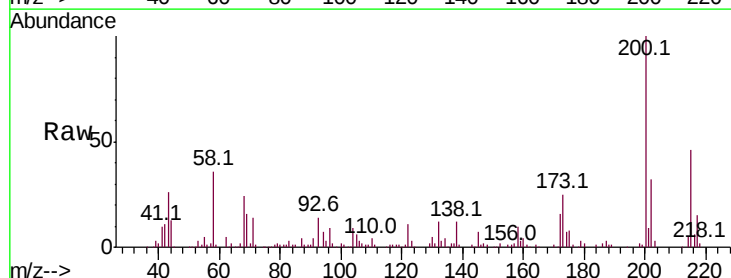
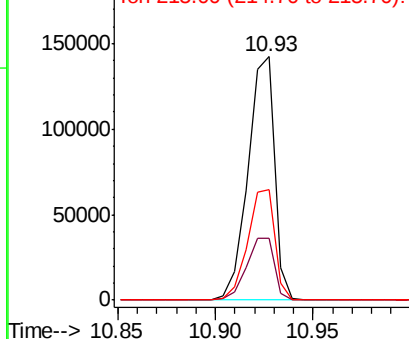
Delta R.T. -0.01 min

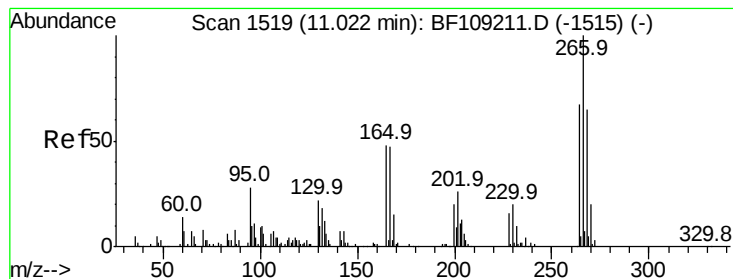
Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:	200	Resp:	134473
Ion Ratio	Lower	Upper	
200	100		
173	25.3	8.6	48.6
215	45.6	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: 54.340 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

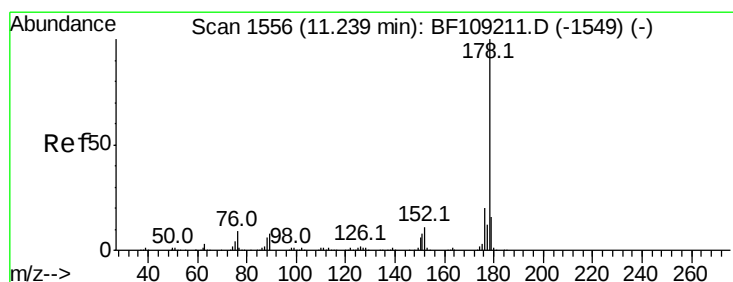
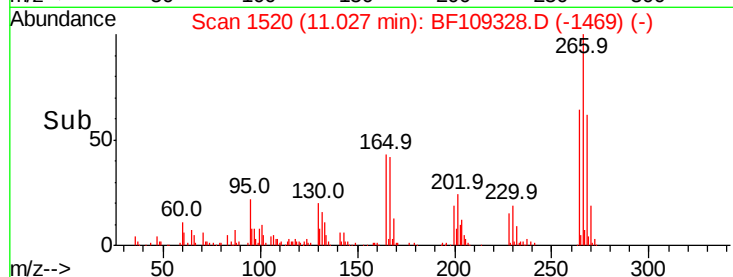
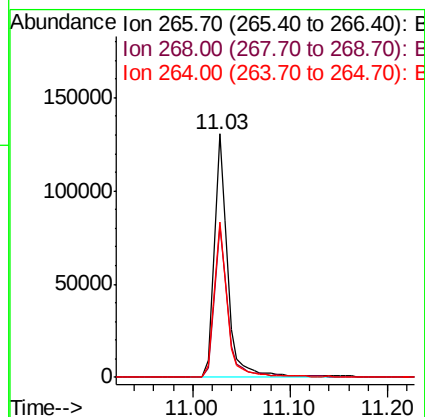
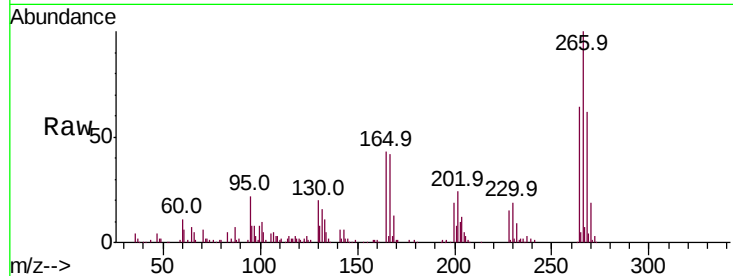
ClientSampleId :

PB113191BSD

Tot Ion:	266	Resp:	125213
Ion Ratio	Lower	Upper	
266	100		
268	62.3	51.1	76.7
264	63.6	49.5	74.3

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#70

Phenanthrene

Concen: 36.523 ng

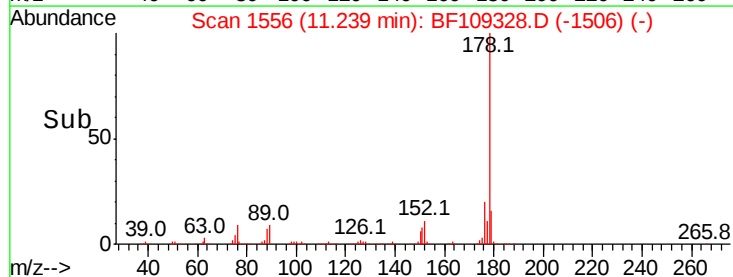
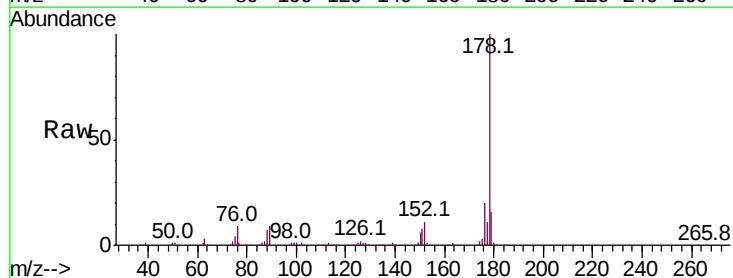
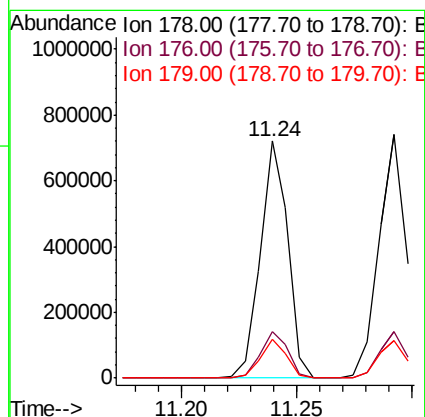
RT: 11.24 min Scan# 1556

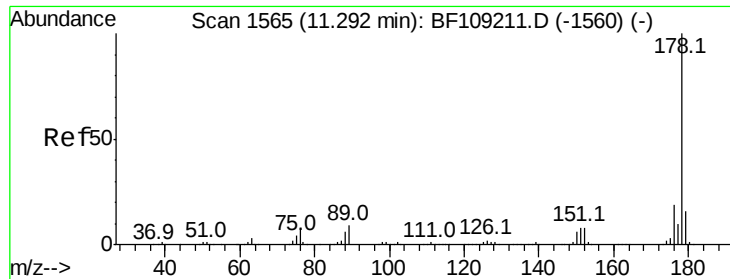
Delta R.T. -0.01 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:	178	Resp:	595291
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.8
179	16.1	13.0	19.6





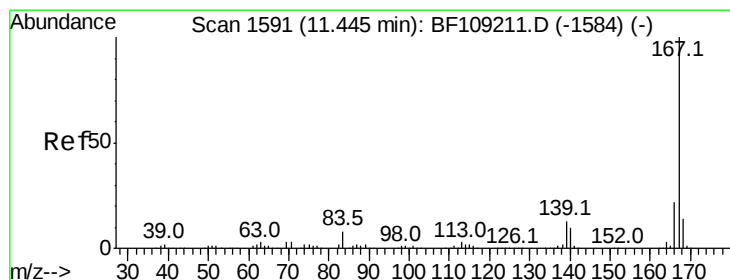
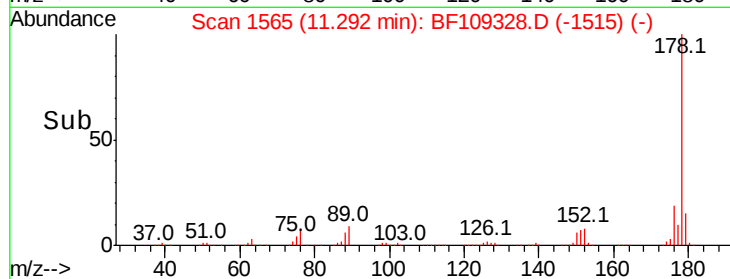
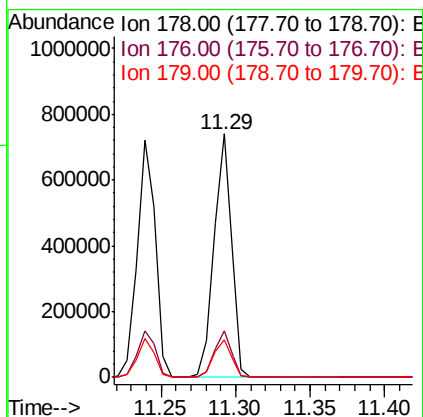
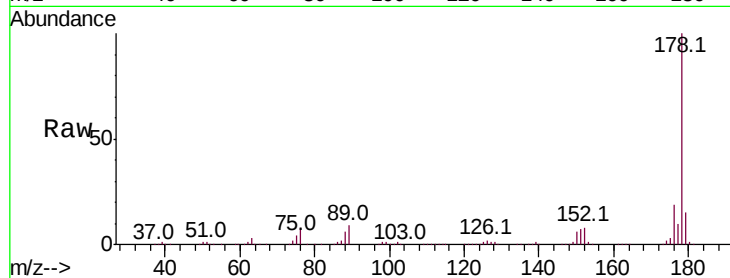
#71
 Anthracene
 Concen: 36.566 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.6	19.0

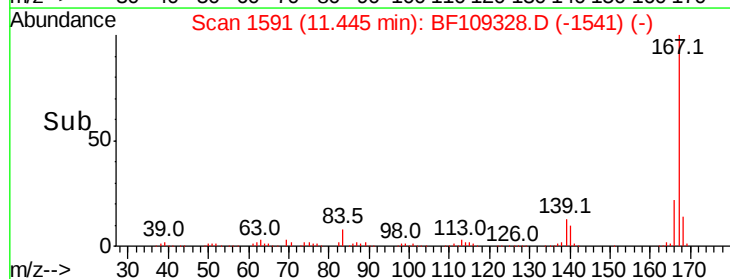
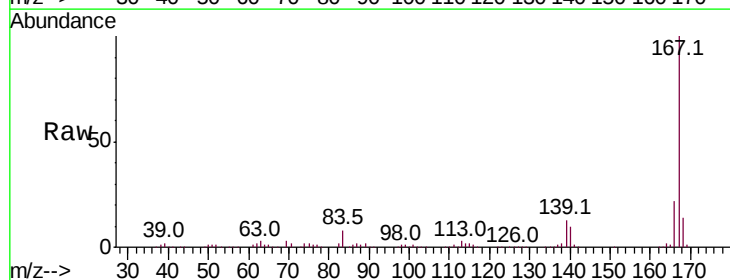
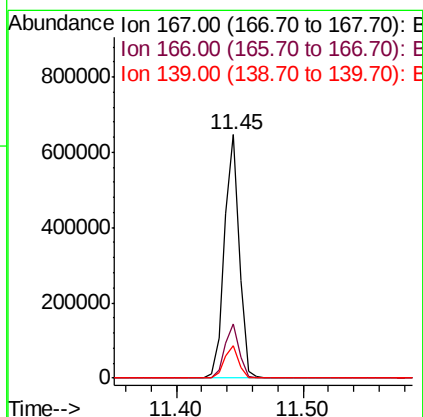
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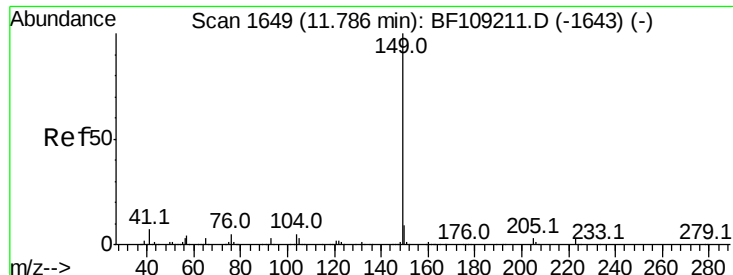
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#72
 Carbazole
 Concen: 31.992 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.3	10.9	16.3





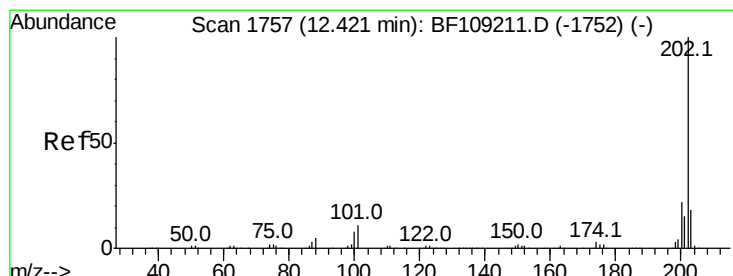
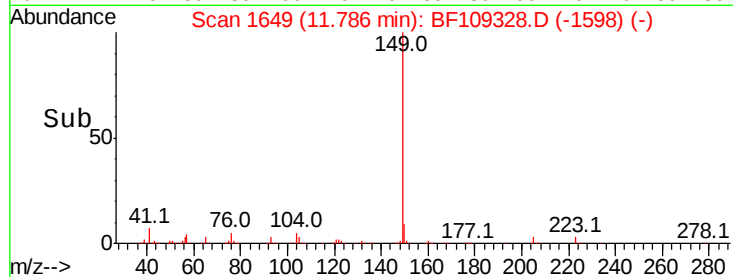
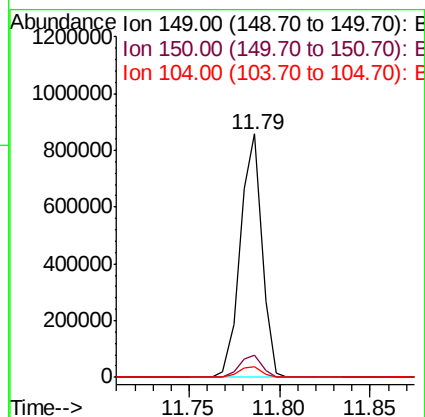
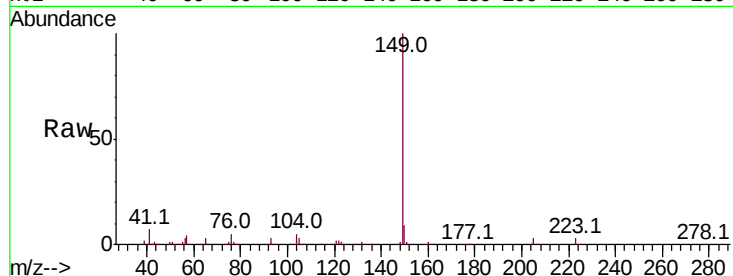
#73
Di-n-butylphthalate
Concen: 37.483 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	709764		
150	9.0		7.8	11.6
104	4.6		3.8	5.8

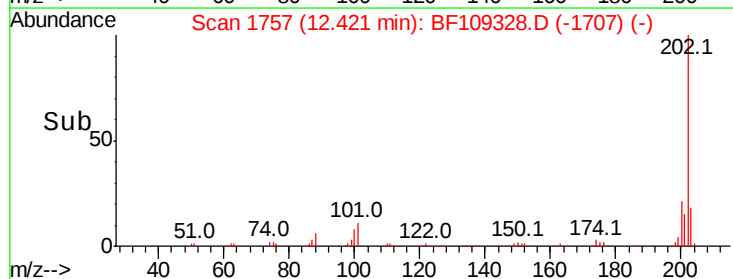
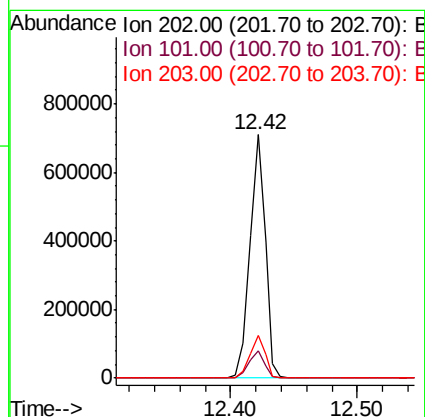
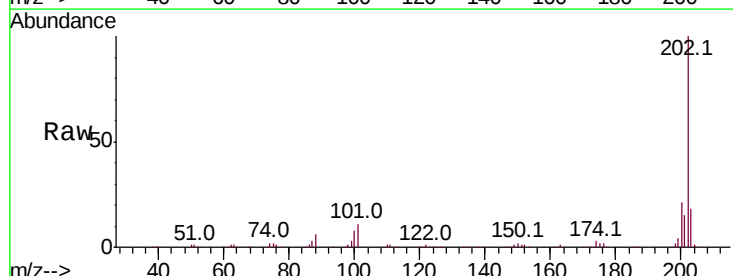
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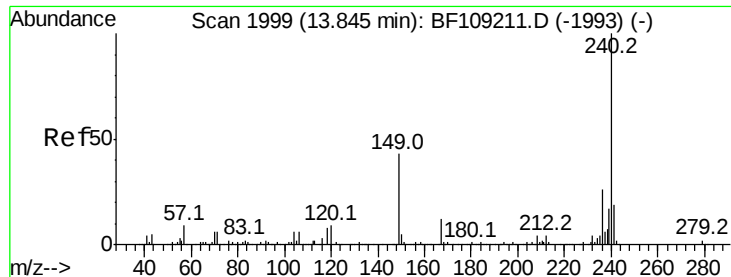
Sohil
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#74
Fluoranthene
Concen: 34.125 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	594409		
101	11.3		0.0	34.1
203	17.6		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

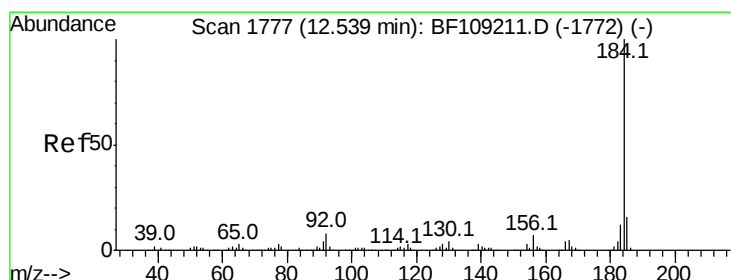
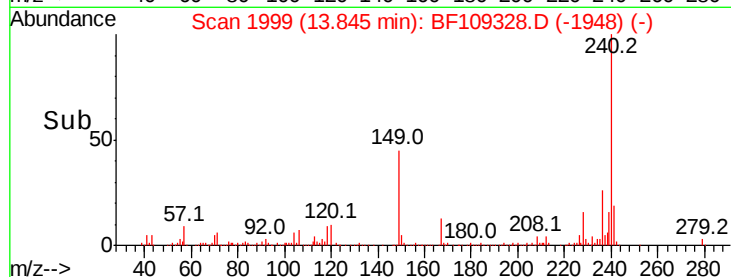
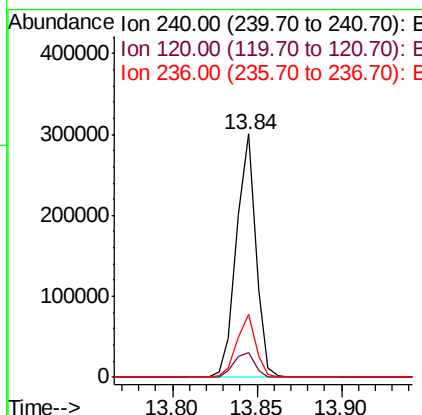
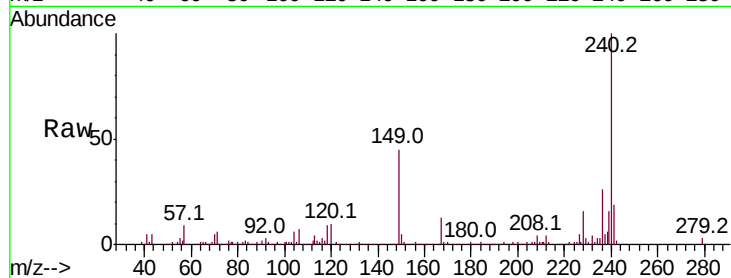
ClientSampleId :

PB113191BSD

Tot Ion:	240	Resp:	239722
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 37.361 ng

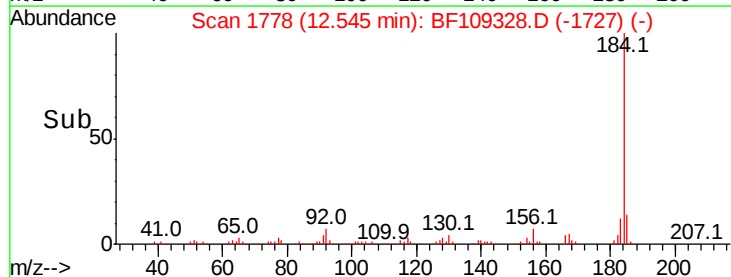
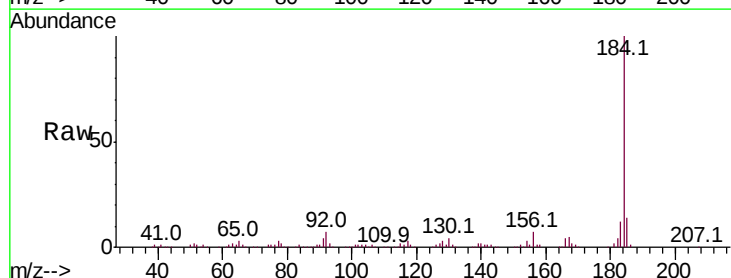
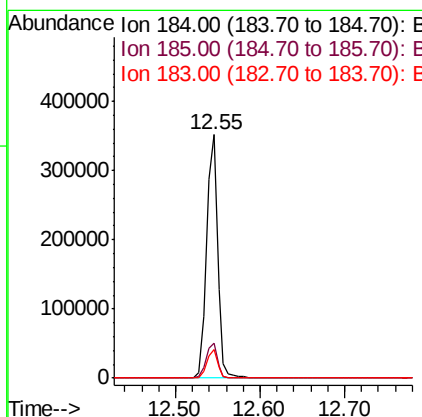
RT: 12.55 min Scan# 1778

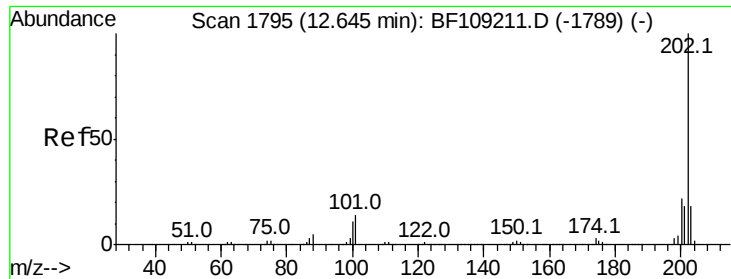
Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:	184	Resp:	322919
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.7	9.3	13.9





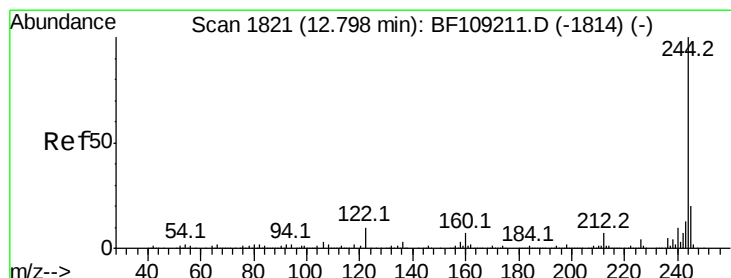
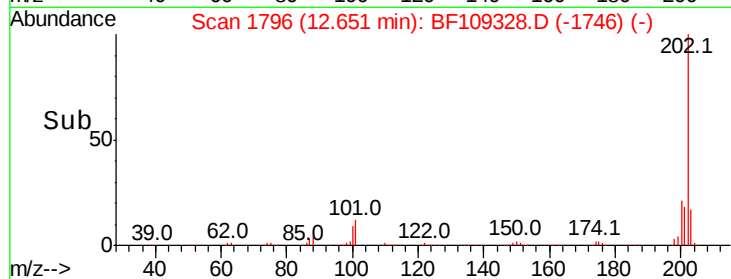
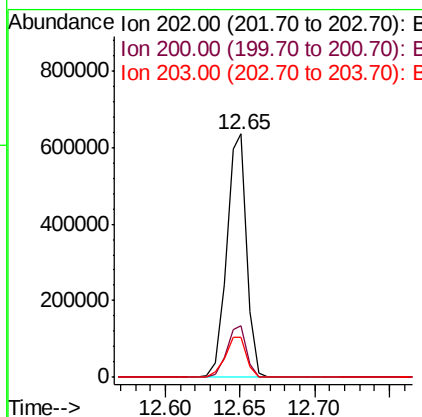
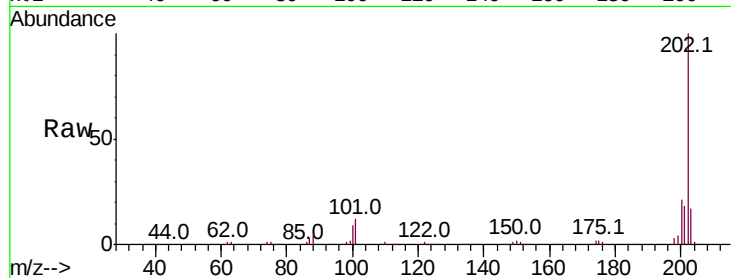
#77
Pvrene
Concen: 34.949 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.7	14.3	21.5

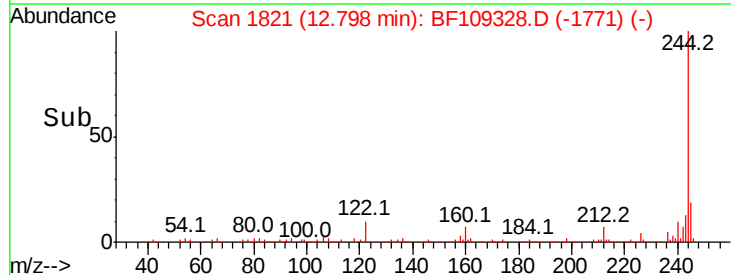
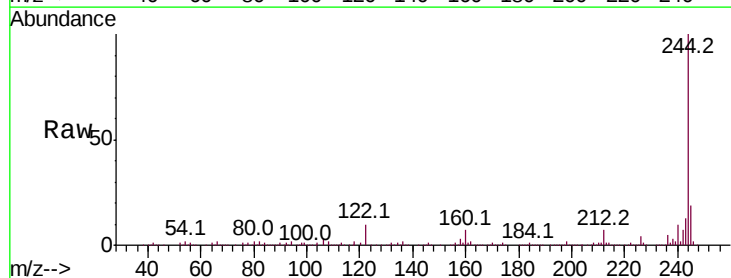
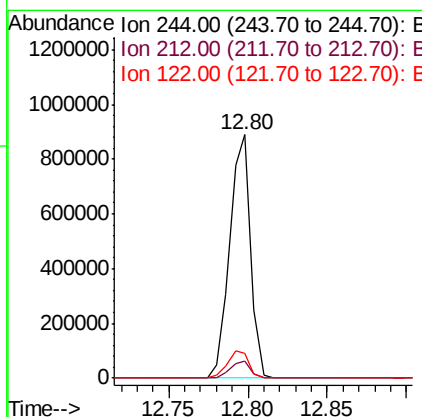
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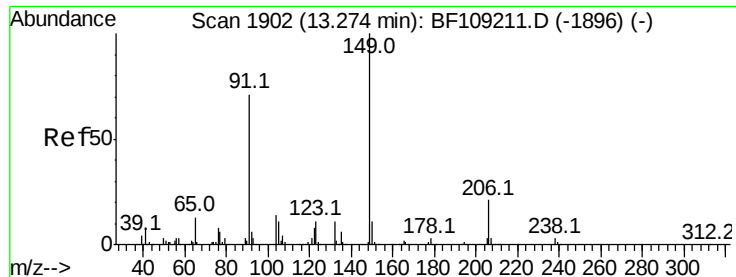
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#78
Terphenyl-d14
Concen: 82.740 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4#





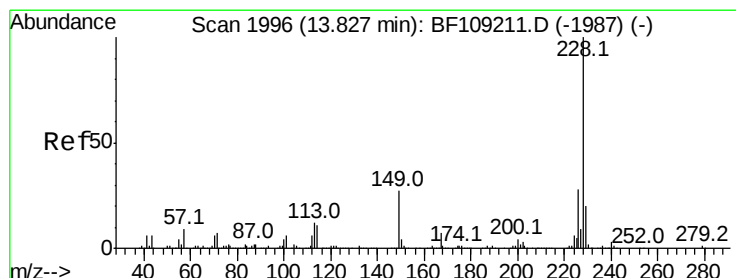
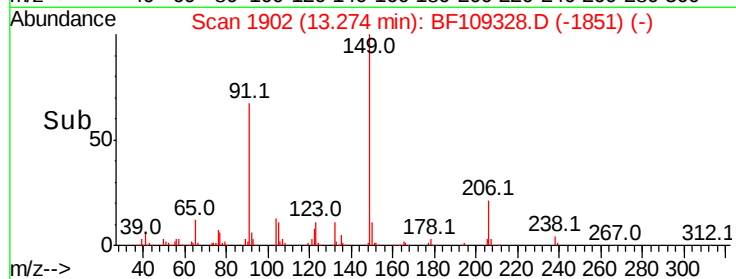
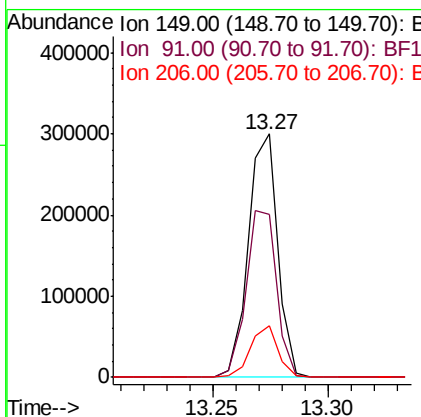
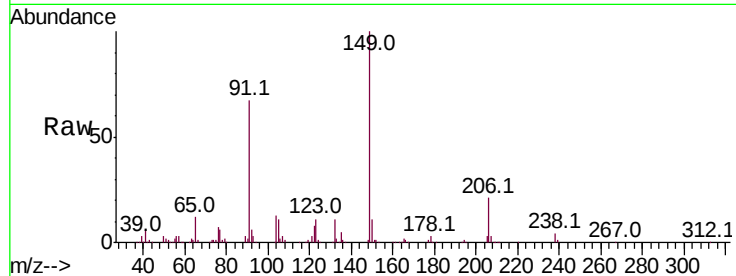
#79
Butylbenzylphthalate
Concen: 36.580 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.1	56.8	85.2
206	21.1	14.1	21.1

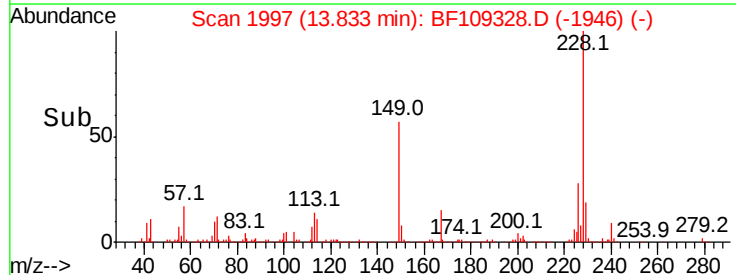
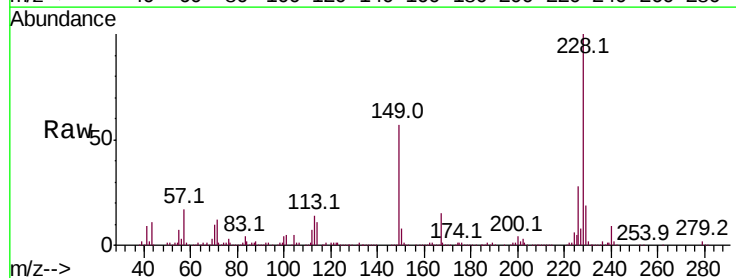
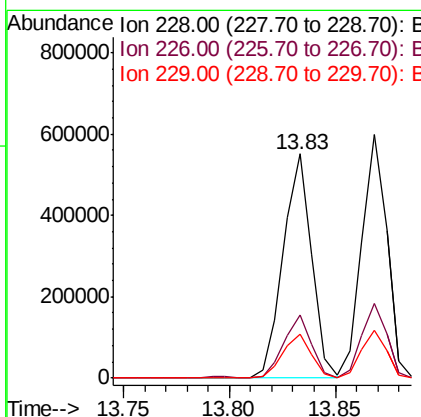
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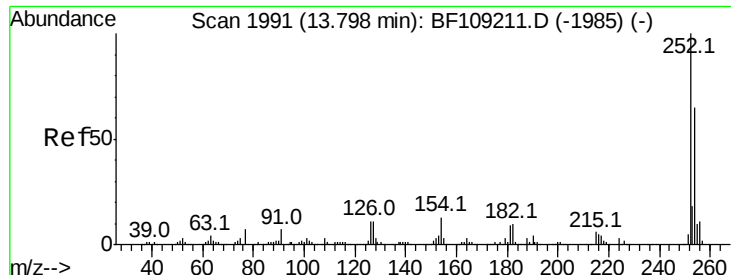
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#80
Benzo(a)anthracene
Concen: 35.849 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.6	33.8
229	19.4	15.8	23.6





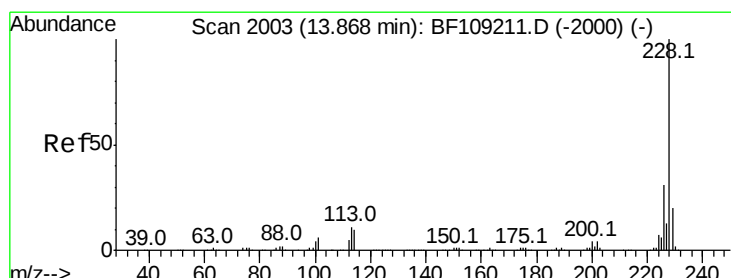
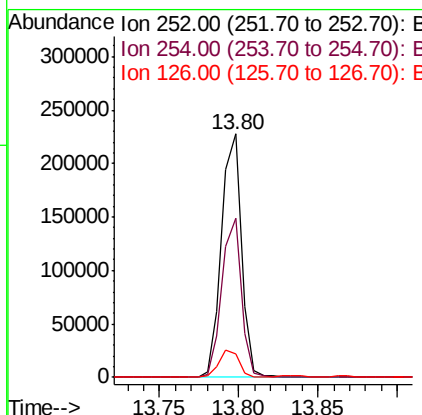
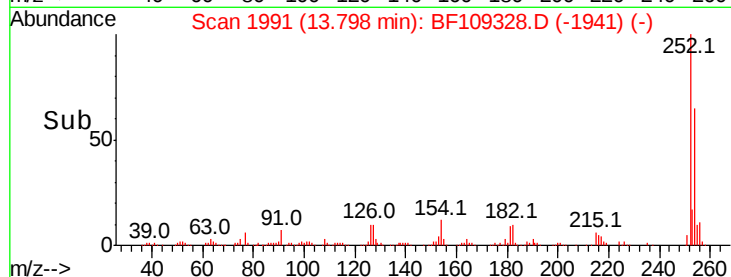
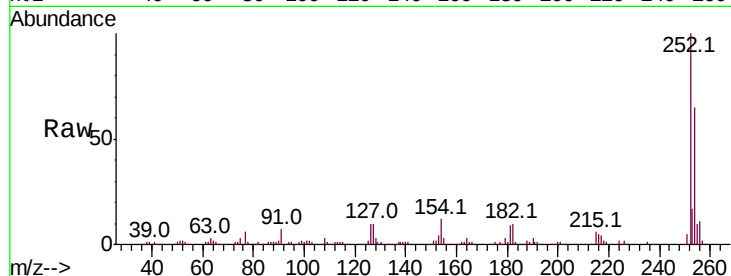
#81
 3,3'-Dichlorobenzidine
 Concen: 36.539 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	50.4	75.6
126	9.8	11.3	16.9

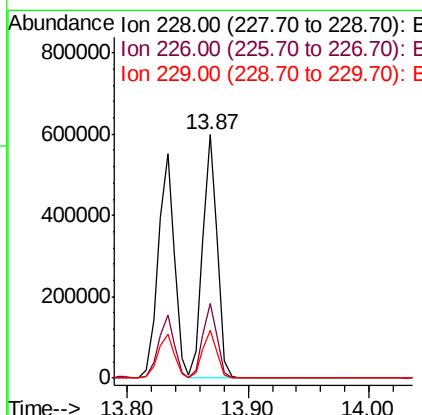
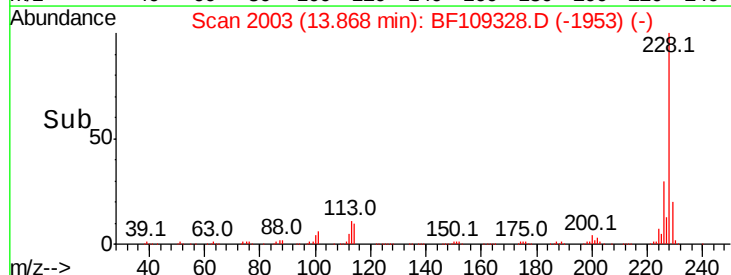
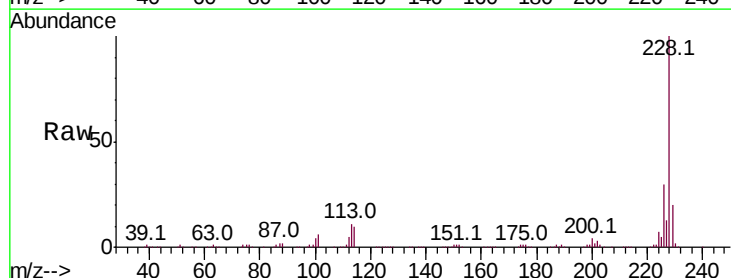
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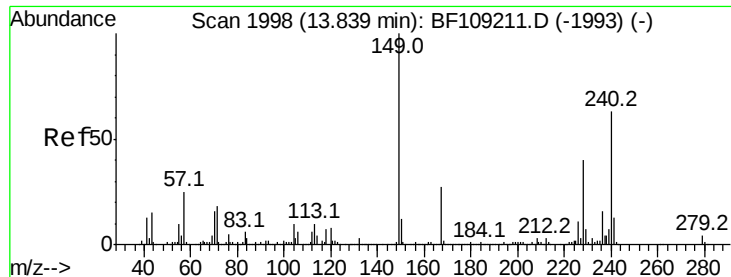
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#82
 Chrysene
 Concen: 34.984 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.857 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Instrument :

BNA_F

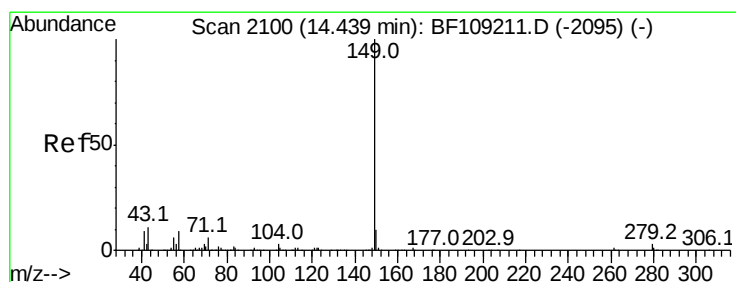
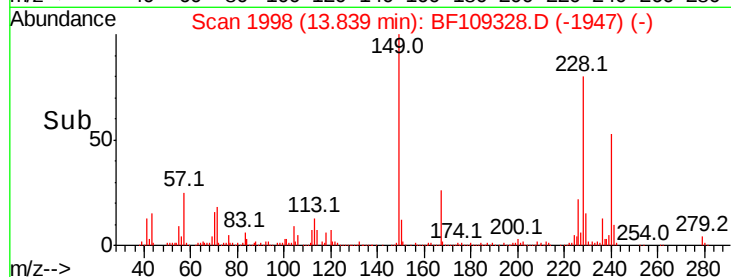
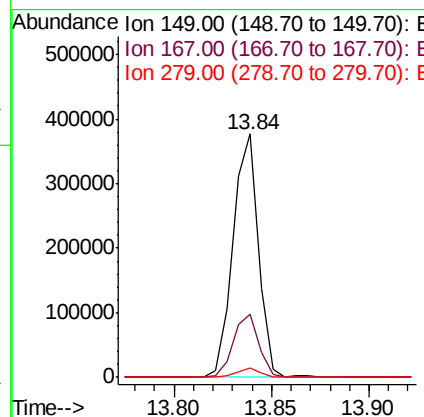
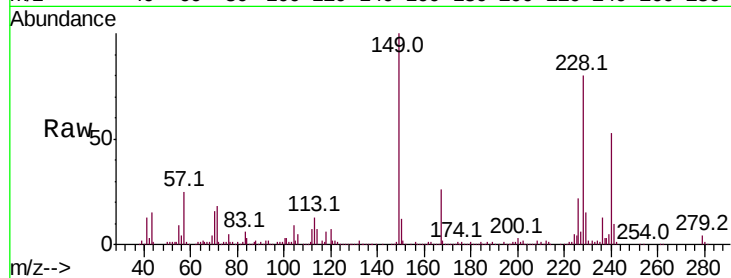
ClientSampleId :

PB113191BSD

Tot Ion:	149	Resp:	339759
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.9	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 39.035 ng

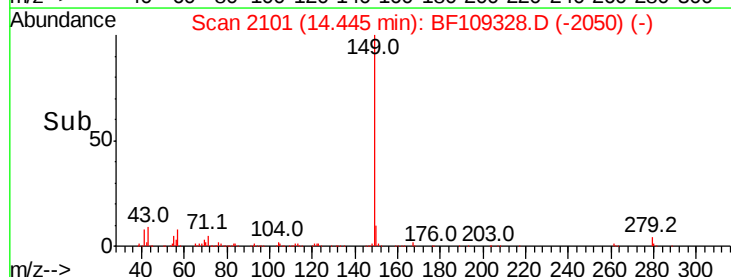
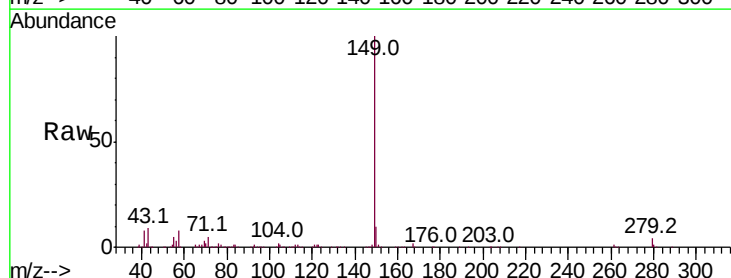
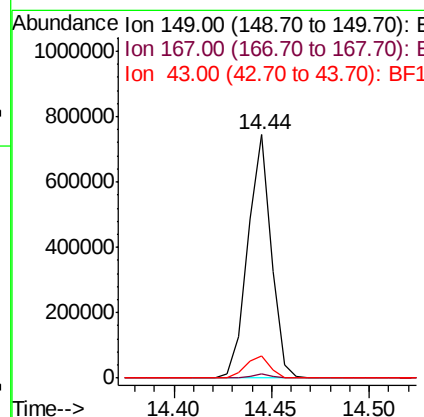
RT: 14.44 min Scan# 2101

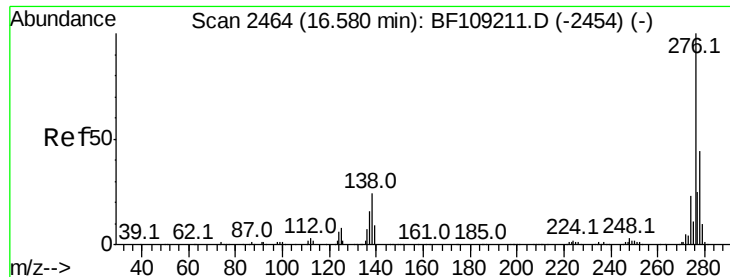
Delta R.T. 0.00 min

Lab File: BF109328.D

Acq: 26 Sep 2018 10:26

Tgt Ion:	149	Resp:	615250
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6





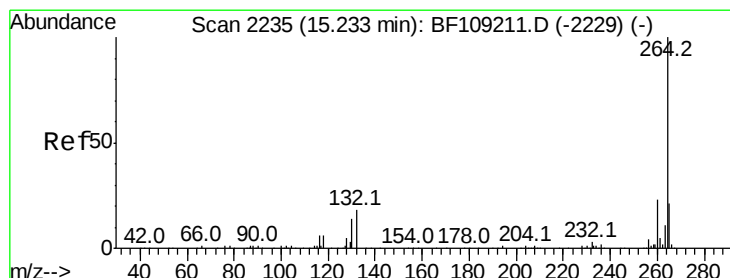
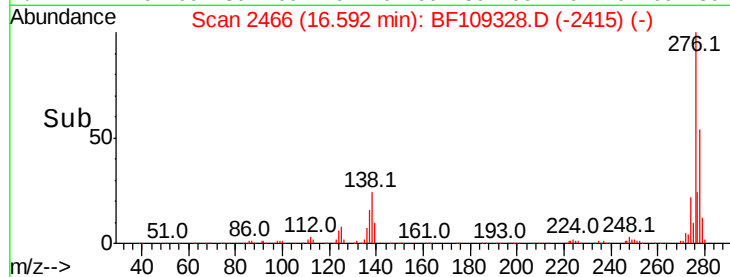
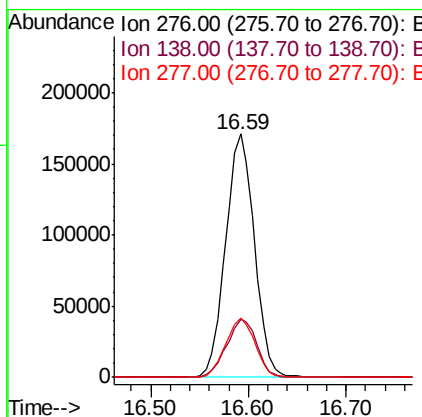
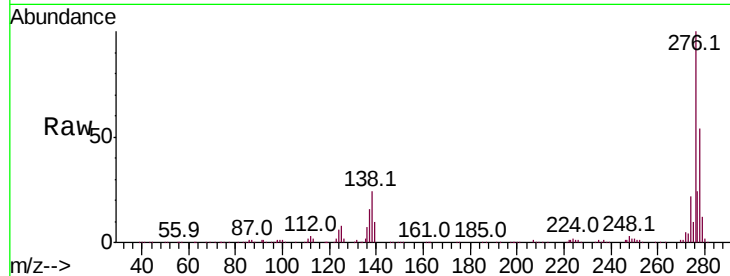
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.141 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

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

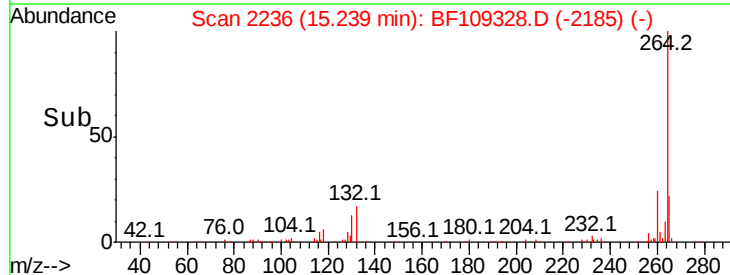
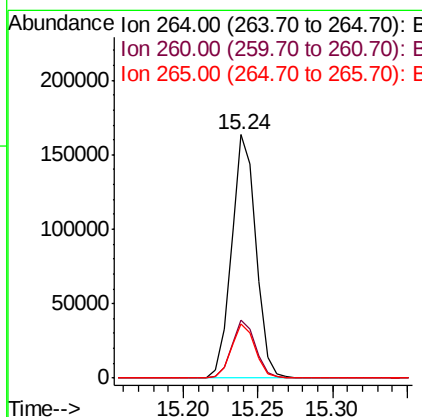
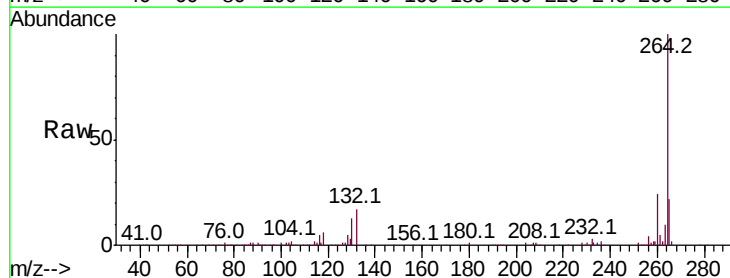
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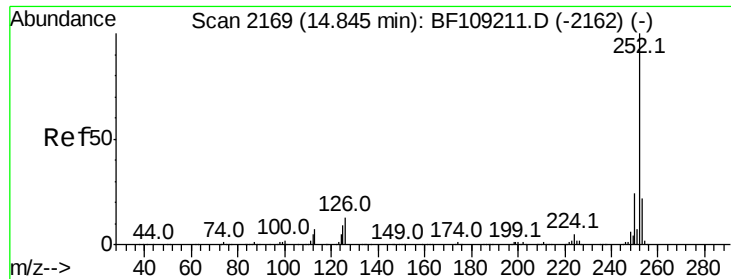
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3





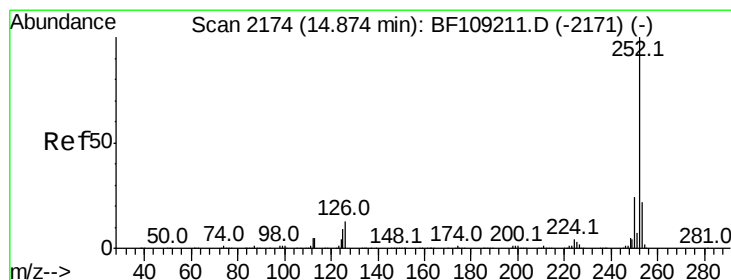
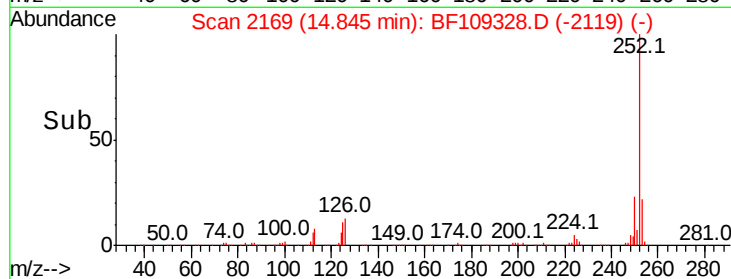
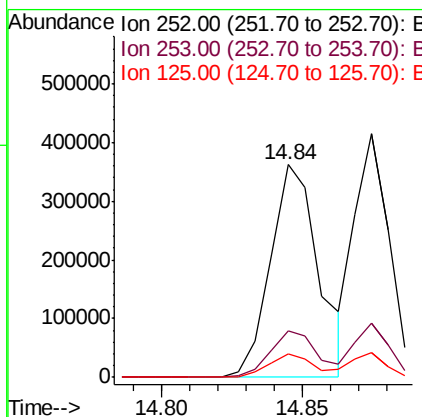
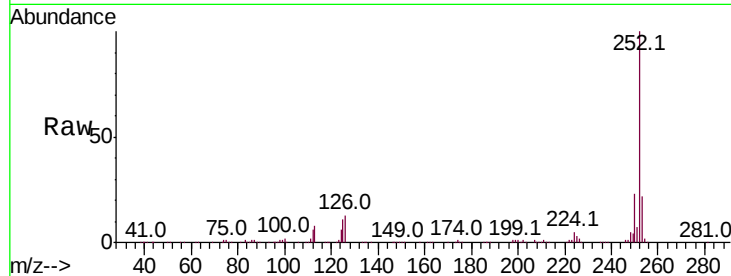
#87
Benzo(b)fluoranthene
Concen: 41.574 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.3	9.0	13.6

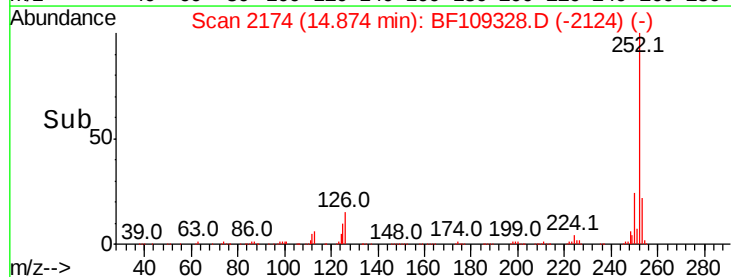
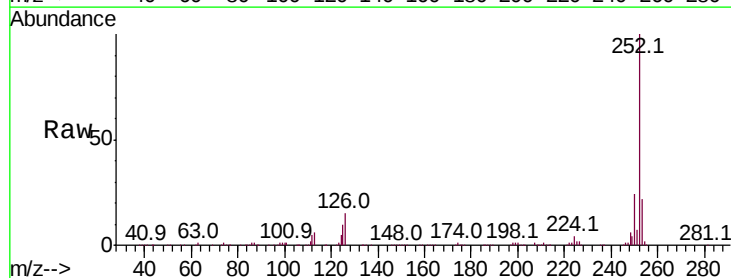
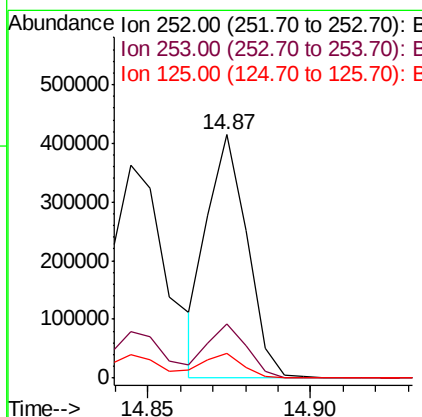
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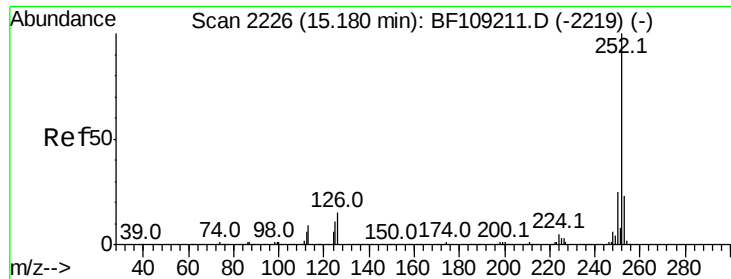
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#88
Benzo(k)fluoranthene
Concen: 36.239 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.0	10.2	15.2#





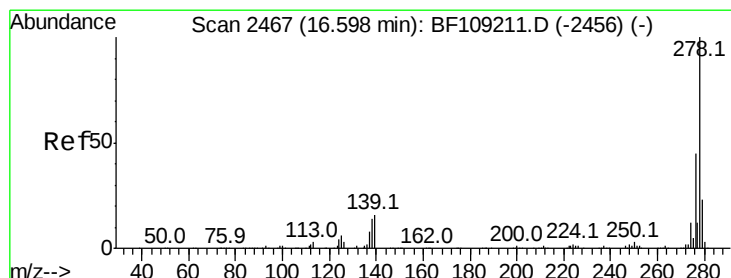
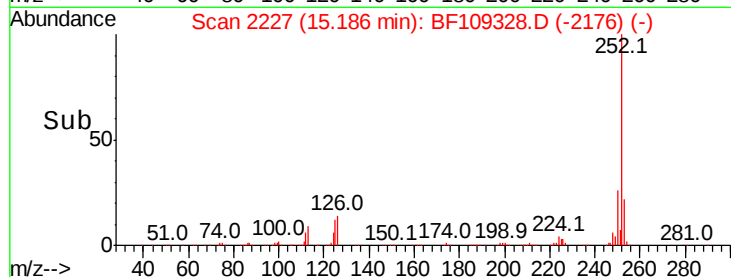
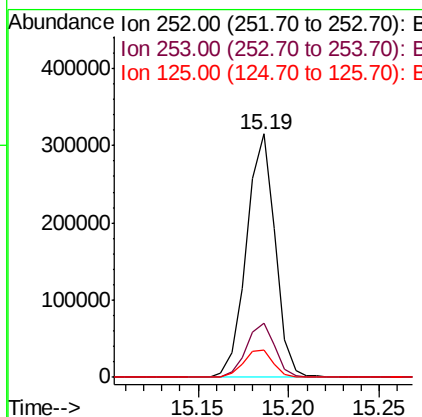
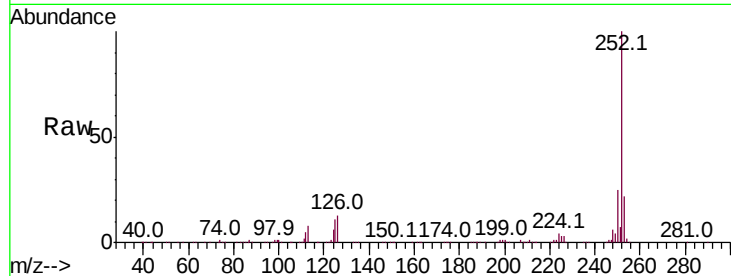
#89
Benzo(a)pyrene
Concen: 37.237 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Instrument :
BNA_F
ClientSampleId :
PB113191BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.0	9.8	14.6

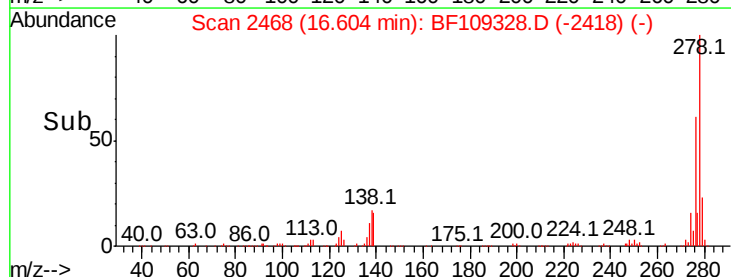
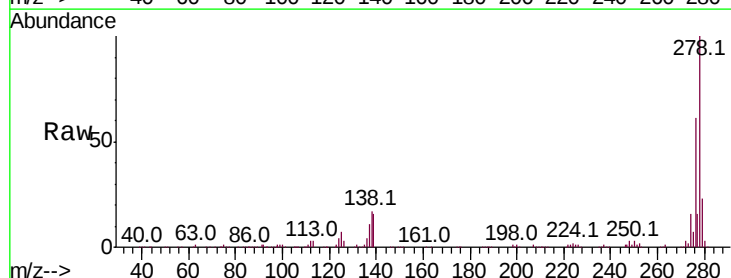
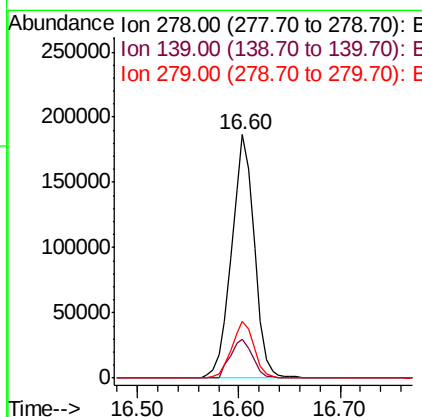
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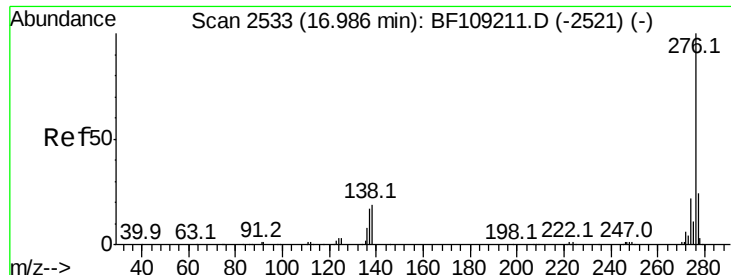
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 38.284 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF109328.D
Acq: 26 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.9	23.9#
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.770 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109328.D
 Acq: 26 Sep 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB113191BSD

Tot Ion:	276	Resp:	290552
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	19.0	21.8	32.8

Manual Integrations
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