

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109174.D
 Acq On : 20 Sep 2018 5:05
 Operator : JU/SJ
 Sample : PB112951BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Manual Integrations
 APPROVED

Sohil
 9/20/2018 10:06:56 AM

Quant Time: Sep 20 08:38:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152937	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	550648	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	241231	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	402957	20.00	ng	0.00
75) Chrysene-d12	13.86	240	305580	20.00	ng	0.00
86) Perylene-d12	15.26	264	318656	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	764840	83.06	ng	0.02
7) Phenol-d6	6.37	99	974282	82.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	889834	90.64	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	197904	75.59	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1530705	99.42	ng	0.00
78) Terphenyl-d14	12.81	244	1245445	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	139968	31.933	ng	93
3) Pyridine	3.18	79	405234	34.875	ng	90
4) n-Nitrosodimethylamine	3.13	42	192527	43.872	ng	# 98
6) Aniline	6.38	93	311215	20.279	ng	# 76
8) 2-Chlorophenol	6.51	128	399160	38.735	ng	99
9) Benzaldehyde	6.27	77	161775	21.333	ng	99
10) Phenol	6.38	94	478472	35.814	ng	79
11) bis(2-Chloroethyl)ether	6.46	93	390848	37.186	ng	97
12) 1,3-Dichlorobenzene	6.67	146	439453	37.290	ng	99
13) 1,4-Dichlorobenzene	6.74	146	438324	37.075	ng	97
14) 1,2-Dichlorobenzene	6.90	146	405364	36.984	ng	99
15) Benzyl Alcohol	6.87	79	350560	38.890	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	545253	36.207	ng	94
17) 2-Methylphenol	6.98	107	326415	38.826	ng	96
18) Hexachloroethane	7.24	117	153120	35.660	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	289967	36.946	ng	100
20) 3+4-Methylphenols	7.14	107	385704	38.093	ng	# 71
22) Acetophenone	7.13	105	545125	43.592	ng	# 95
24) Nitrobenzene	7.31	77	418642	41.359	ng	99
25) Isophorone	7.54	82	782034	46.340	ng	96
26) 2-Nitrophenol	7.62	139	153305	32.436	ng	97
27) 2,4-Dimethylphenol	7.67	122	350117	47.224	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	494331	43.528	ng	99
29) 2,4-Dichlorophenol	7.87	162	319014	40.379	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	346154	40.532	ng	96
31) Naphthalene	8.02	128	1115031	43.628	ng	99
32) Benzoic acid	7.75	122	95344m	19.681	ng	
33) 4-Chloroaniline	8.07	127	123674	10.883	ng	98
34) Hexachlorobutadiene	8.15	225	212067	40.674	ng	98
35) Caprolactam	8.45	113	95174m	36.949	ng	
36) 4-Chloro-3-methylphenol	8.57	107	323759	38.928	ng	99
37) 2-Methylnaphthalene	8.72	142	736675	44.218	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	332120	43.743	ng	98
40) Hexachlorocyclopentadiene	8.88	237	195169	51.019	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	207207	40.603	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	216420	40.581	ng	97
45) 1,1'-Biphenyl	9.18	154	865078	44.824	ng	97
46) 2-Chloronaphthalene	9.20	162	660797	42.753	ng	99
47) 2-Nitroaniline	9.30	65	204568	43.053	ng	96
48) Acenaphthylene	9.62	152	1040511	44.650	ng	100
49) Dimethylphthalate	9.48	163	790074	45.824	ng	99
50) 2,6-Dinitrotoluene	9.54	165	153795	40.222	ng	92
51) Acenaphthene	9.79	154	606613	41.804	ng	98
52) 3-Nitroaniline	9.70	138	149973	33.310	ng	92
53) 2,4-Dinitrophenol	9.81	184	22892	15.535	ng	# 23
54) Dibenzofuran	9.96	168	875252	41.740	ng	98
55) 4-Nitrophenol	9.87	139	180067	54.282	ng	92
56) 2,4-Dinitrotoluene	9.94	165	190211	38.038	ng	# 91
57) Fluorene	10.30	166	628868	45.002	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	157381	35.640	ng	88
59) Diethylphthalate	10.18	149	762898	43.817	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	314200	41.990	ng	92
61) 4-Nitroaniline	10.31	138	154879	36.207	ng	96
62) Azobenzene	10.45	77	722101	40.516	ng	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	22846	11.850	ng	79
65) n-Nitrosodiphenylamine	10.41	169	613899	46.575	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	205105	45.149	ng	# 84
67) Hexachlorobenzene	10.85	284	212411	43.713	ng	92
68) Atrazine	10.94	200	195313	46.289	ng	97
69) Pentachlorophenol	11.04	266	150896	48.537	ng	98
70) Phenanthrene	11.25	178	896009	45.361	ng	99
71) Anthracene	11.31	178	915967	45.745	ng	100
72) Carbazole	11.46	167	797450	40.232	ng	99
73) Di-n-butylphthalate	11.80	149	1017772	43.865	ng	100
74) Fluoranthene	12.44	202	884573	42.419	ng	97
76) Benzidine	12.55	184	279503	25.839	ng	98
77) Pyrene	12.66	202	892368	39.315	ng	100
79) Butylbenzylphthalate	13.28	149	397134	39.173	ng	93
80) Benzo(a)anthracene	13.85	228	818091	44.219	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	163337	21.878	ng	97
82) Chrysene	13.88	228	802235	43.340	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	499271	40.673	ng	100
84) Di-n-octyl phthalate	14.46	149	972576	46.718	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	713105	48.187	ng	# 93
87) Benzo(b)fluoranthene	14.86	252	850755	48.260	ng	98
88) Benzo(k)fluoranthene	14.89	252	728582m	44.249	ng	
89) Benzo(a)pyrene	15.20	252	740793	47.318	ng	98
90) Dibenzo(a,h)anthracene	16.63	278	596829	45.376	ng	# 95
91) Benzo(g,h,i)perylene	17.02	276	575804	43.788	ng	# 92

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

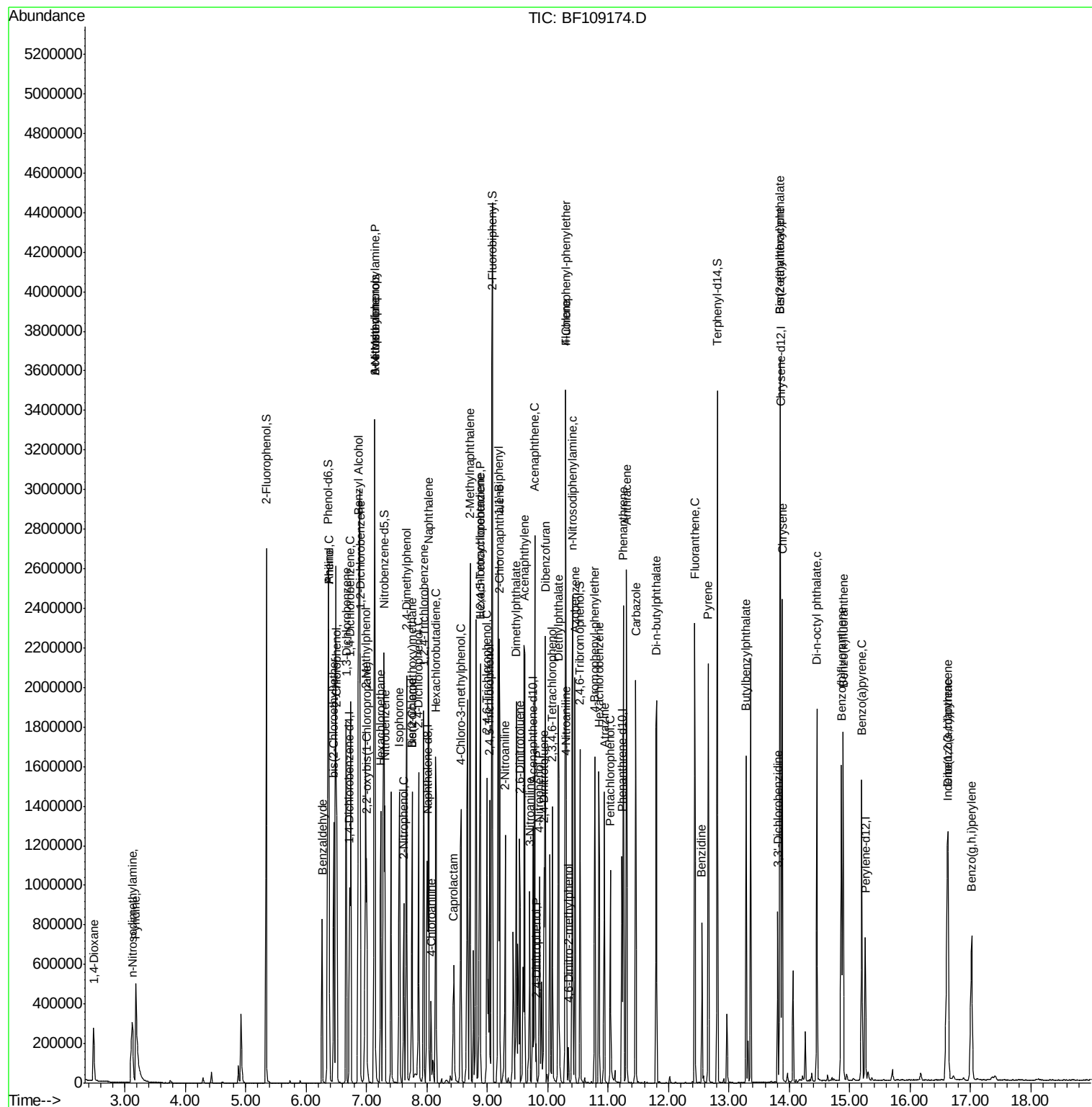
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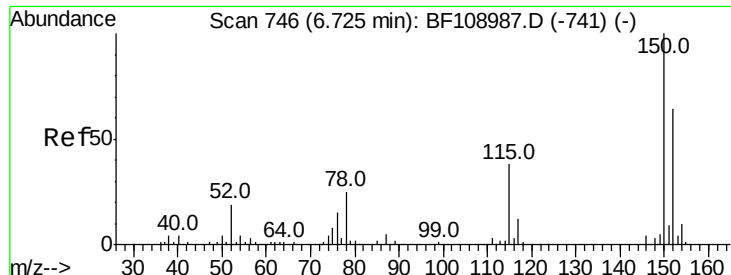
Instrument :
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#1

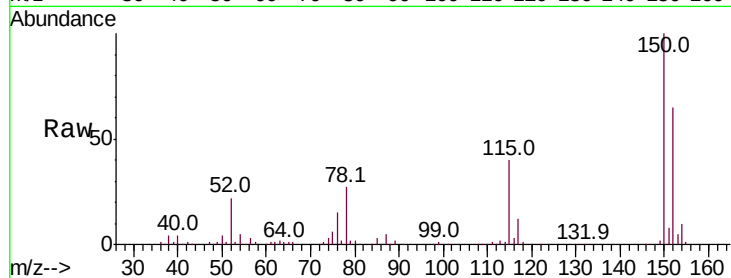
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	61.8	50.1	75.1

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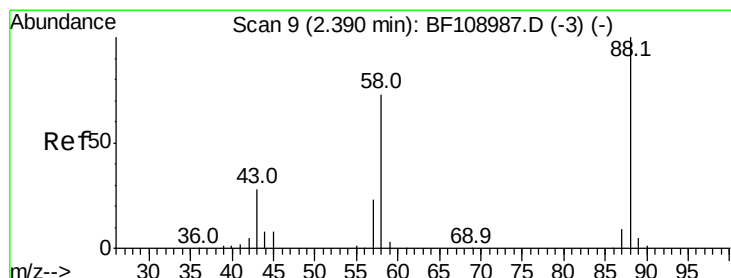
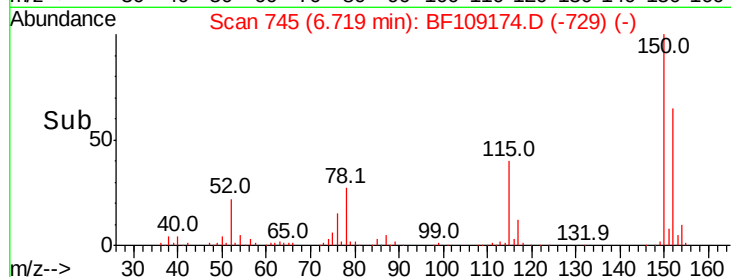
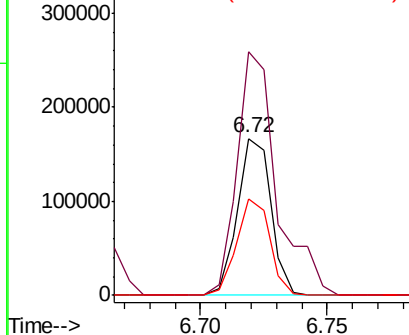


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

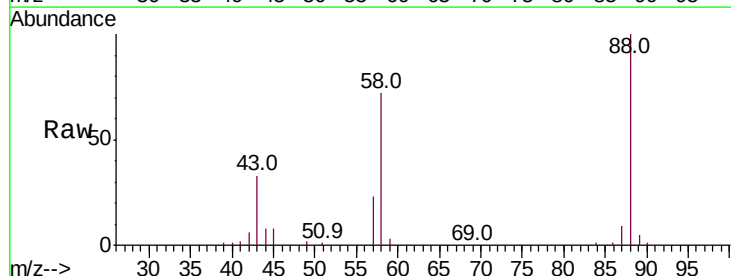
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.933 ng
RT: 2.48 min Scan# 25
Delta R.T. 0.09 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	62.6	93.8
43	30.2	24.6	37.0

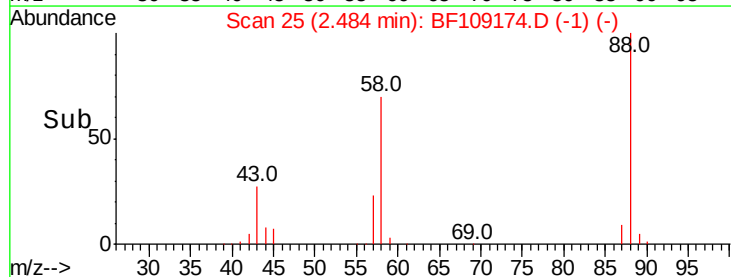
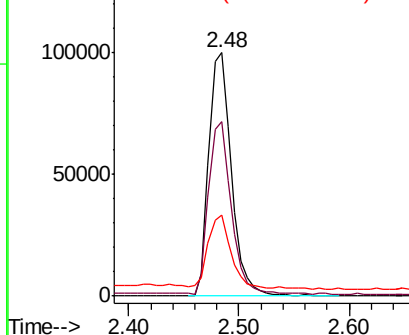


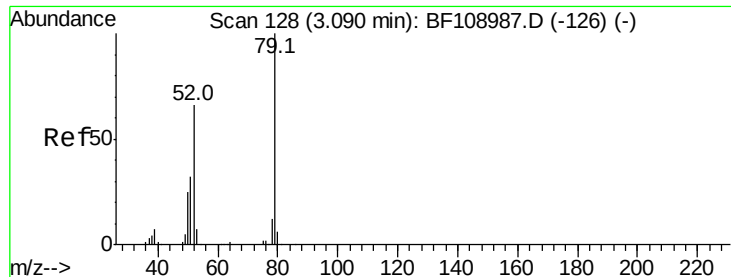
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





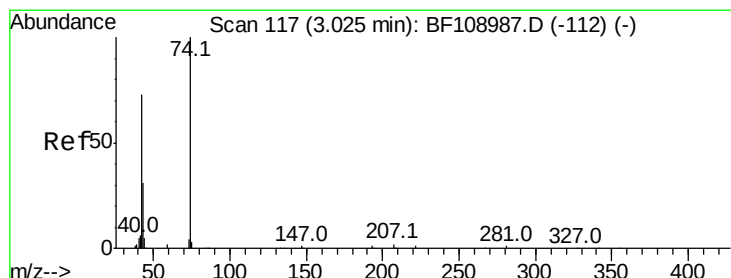
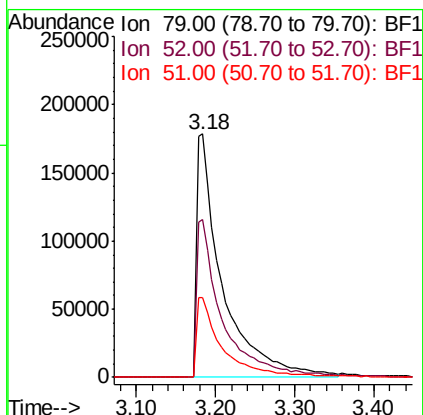
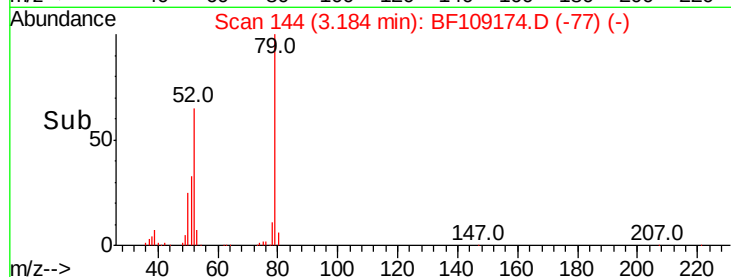
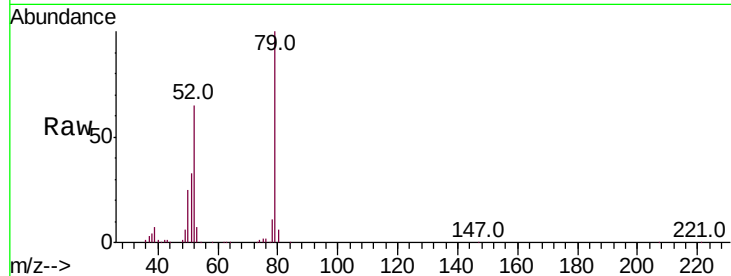
#3
 Pvridine
 Concen: 34.875 ng
 RT: 3.18 min Scan# 144
 Delta R.T. 0.09 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	59.8	89.6
51	32.7	29.8	44.8

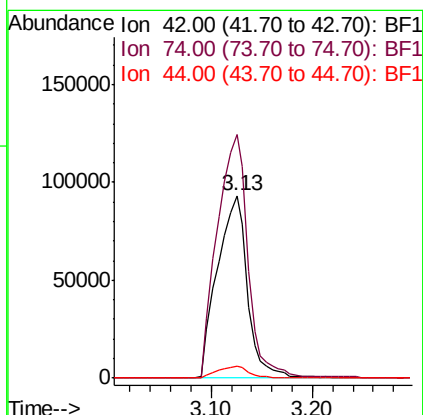
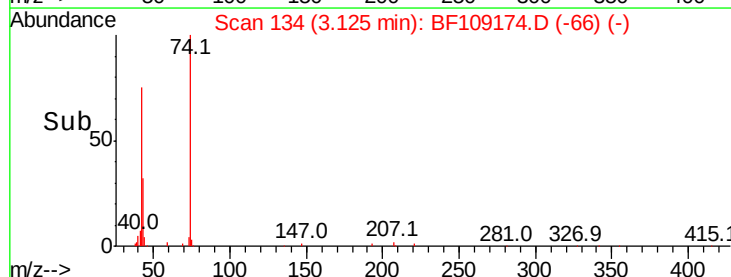
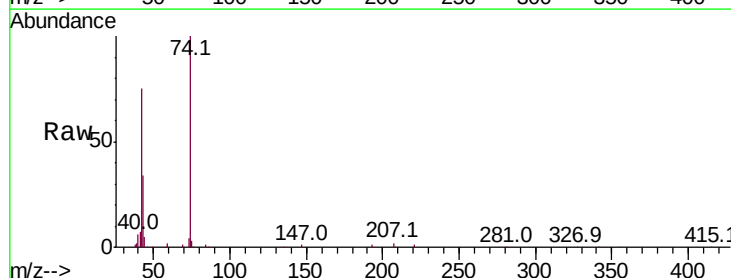
Manual Integrations
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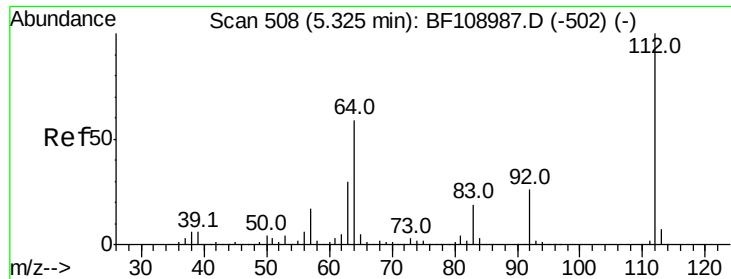
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#4
 n-Nitrosodimethylamine
 Concen: 43.872 ng
 RT: 3.13 min Scan# 134
 Delta R.T. 0.10 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.5	104.9	157.3
44	6.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 83.061 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

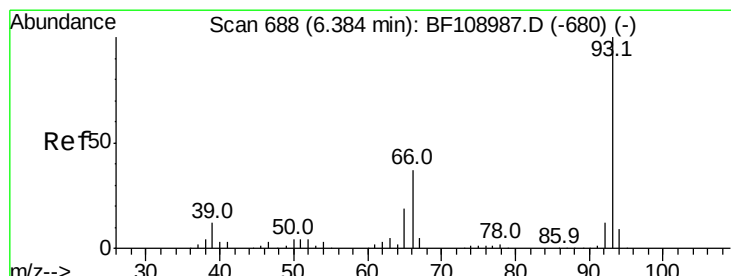
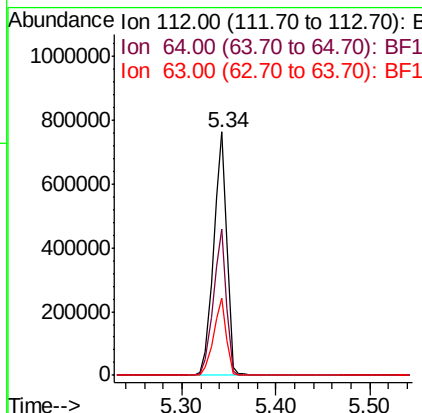
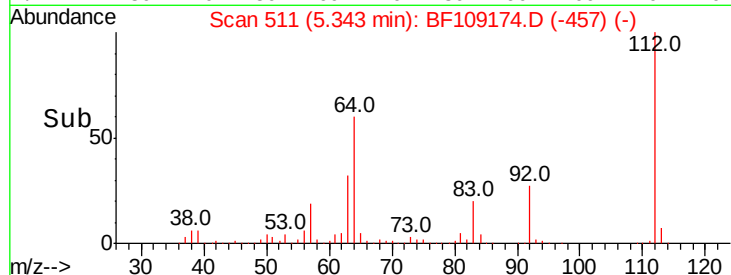
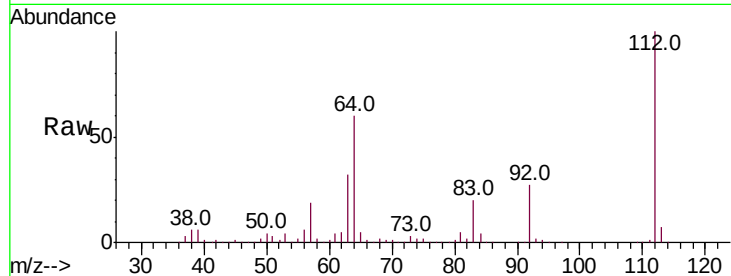
ClientSampleId :

PB112951BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.0	47.9	71.9
63	31.7	23.7	35.5

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#6

Aniline

Concen: 20.279 ng

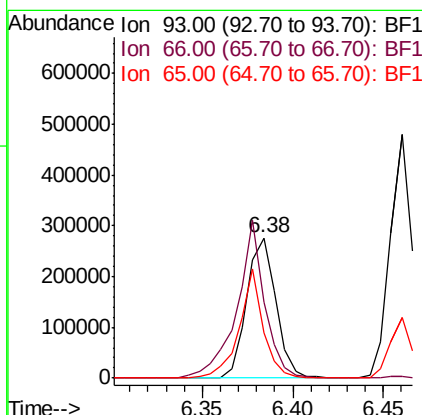
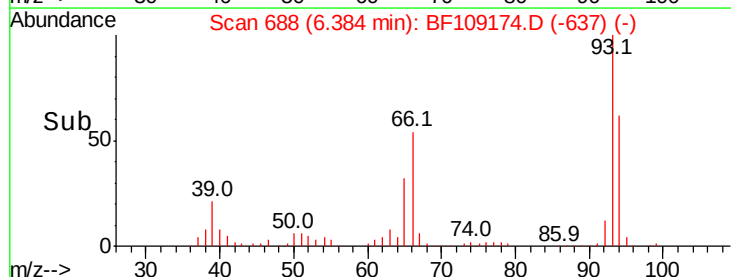
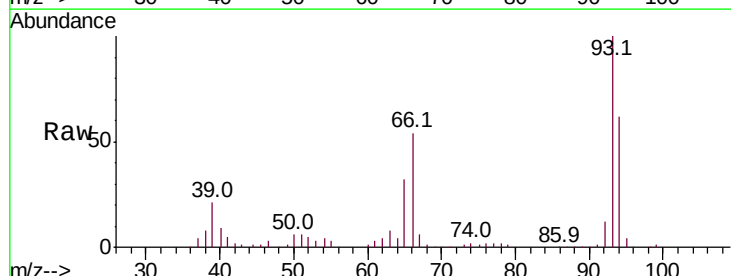
RT: 6.38 min Scan# 688

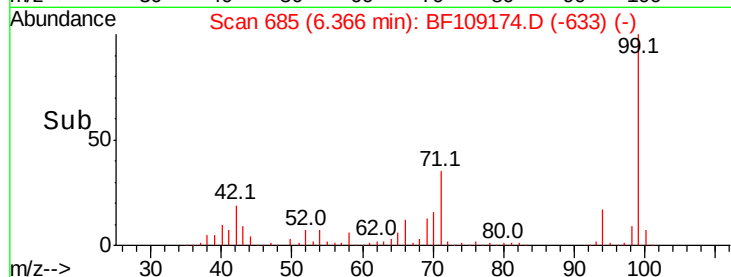
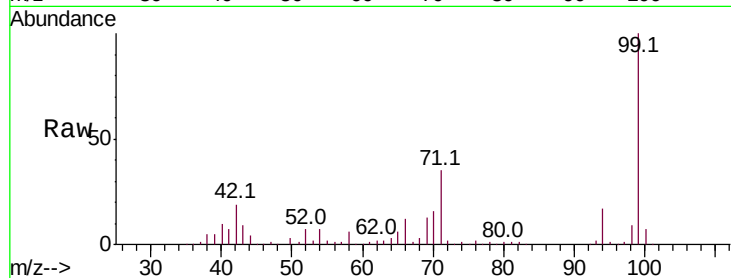
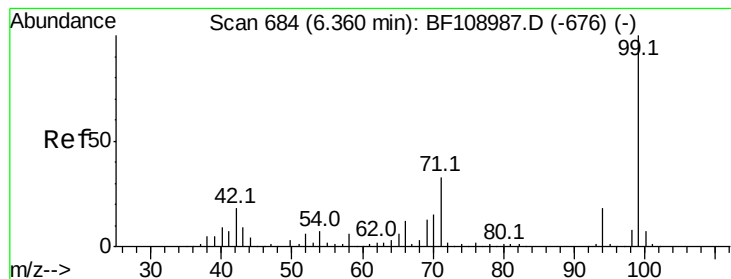
Delta R.T. 0.00 min

Lab File: BF109174.D

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Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	54.5	32.2	48.2#
65	32.1	16.4	24.6#





#7

Phenol-d6

Concen: 82.055 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		974282		
42	19.2	14.5	21.7		
71	34.8	25.4	38.0		

Instrument :

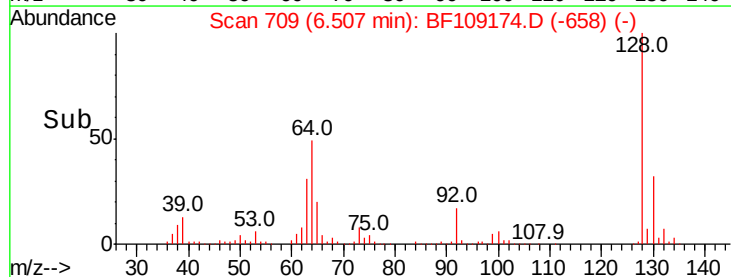
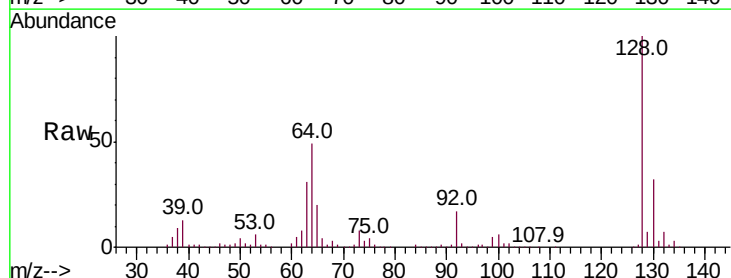
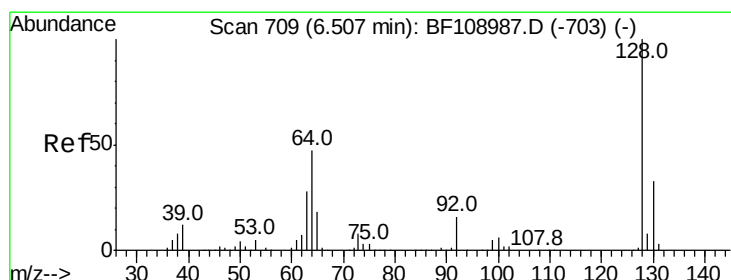
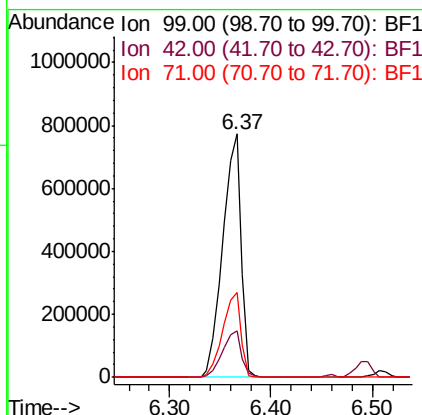
BNA_F

ClientSampled :

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#8

2-Chlorophenol

Concen: 38.735 ng

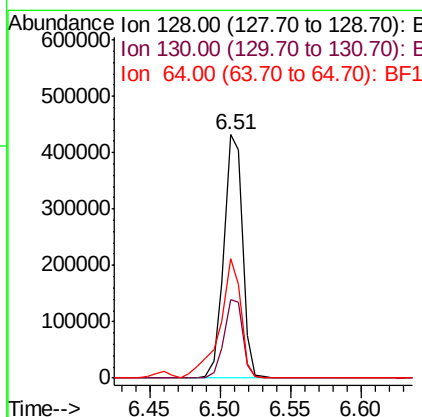
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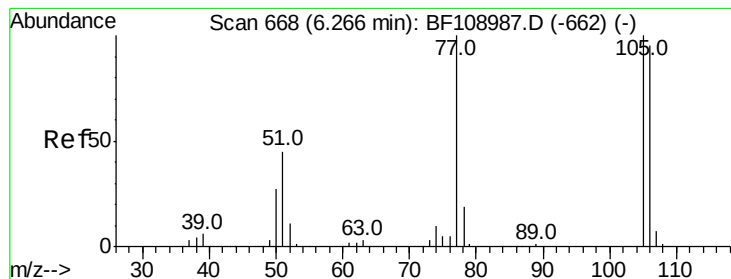
Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		399160		
130	32.4	13.0	53.0		
64	48.8	29.4	69.4		





#9

Benzaldehyde

Concen: 21.333 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

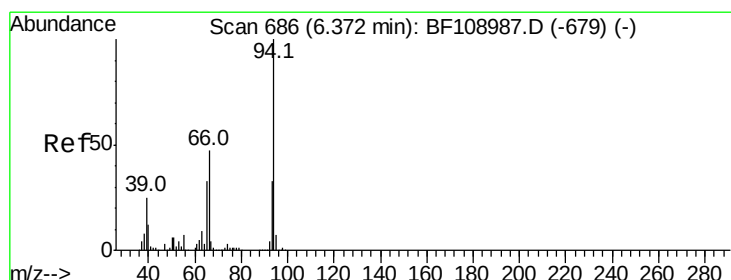
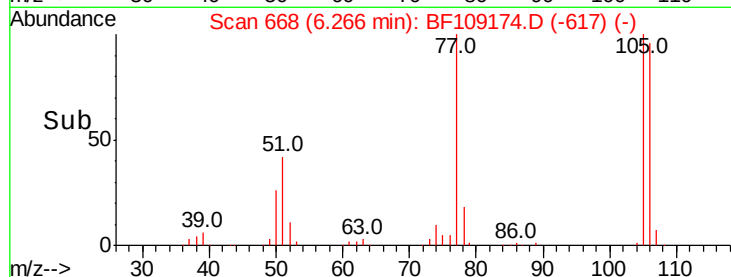
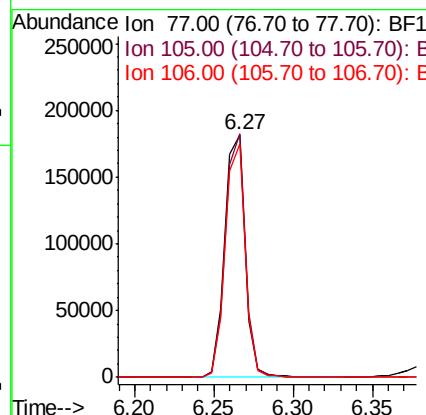
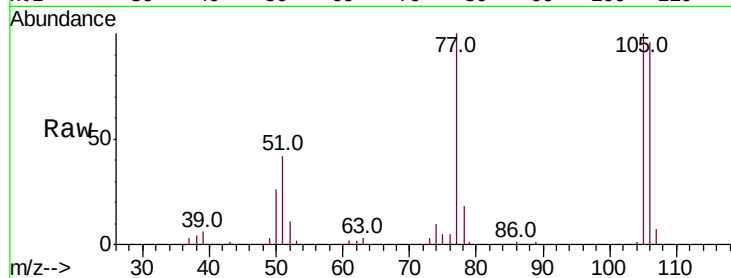
ClientSampleId :

PB112951BSD

Tot Ion:	77	Resp:	161775
Ion Ratio	Lower	Upper	
77	100		
105	100.4	81.1	121.1
106	96.1	74.5	114.5

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#10

Phenol

Concen: 35.814 ng

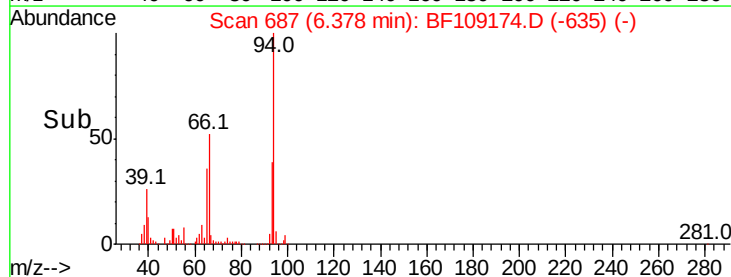
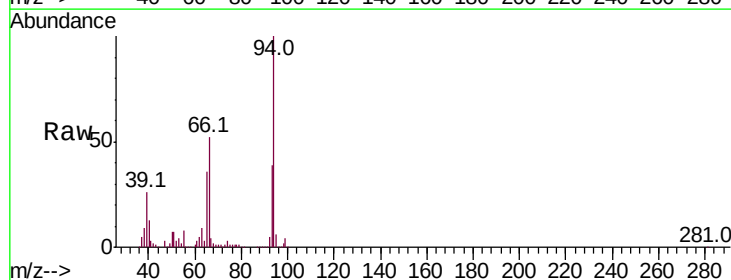
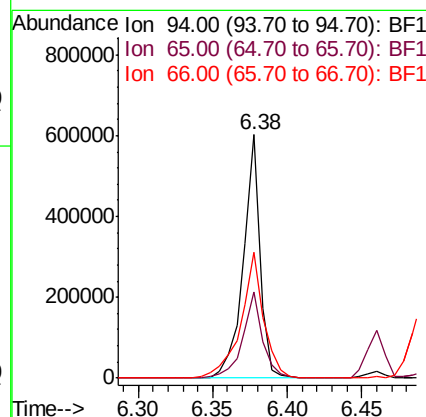
RT: 6.38 min Scan# 687

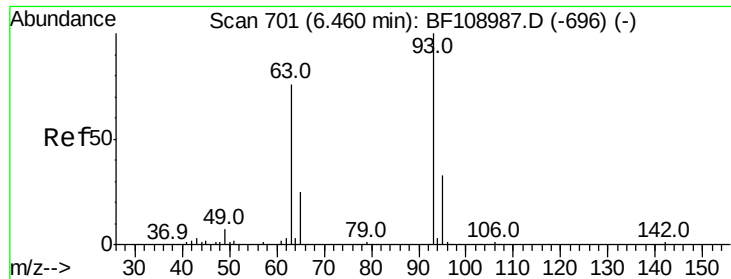
Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion:	94	Resp:	478472
Ion Ratio	Lower	Upper	
94	100		
65	35.6	7.9	47.9
66	51.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.186 ng

RT: 6.46 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

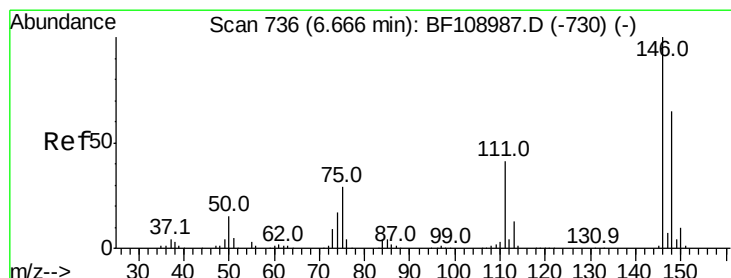
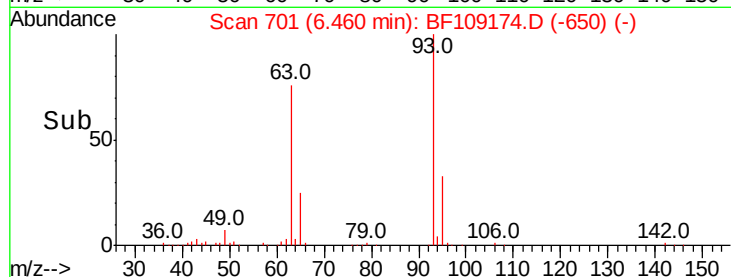
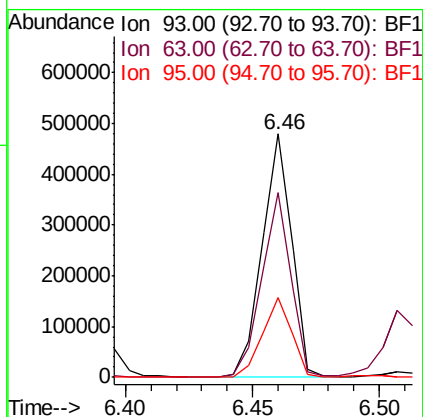
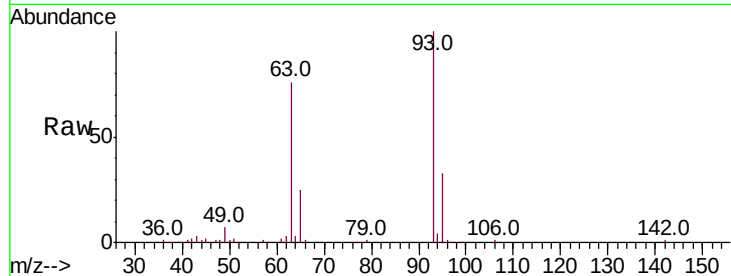
ClientSampleId :

PB112951BSD

Tot Ion:	93	Resp:	390848
Ion Ratio	Lower	Upper	
93	100		
63	76.0	58.6	98.6
95	32.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.290 ng

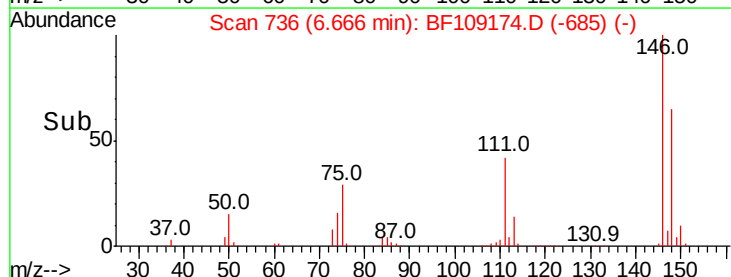
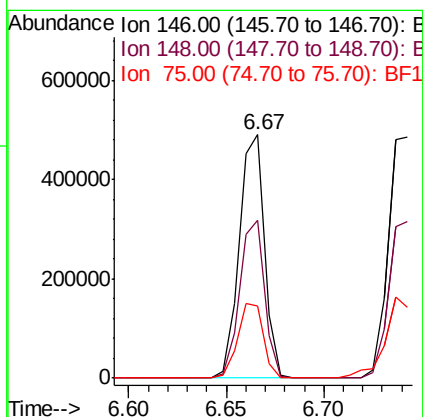
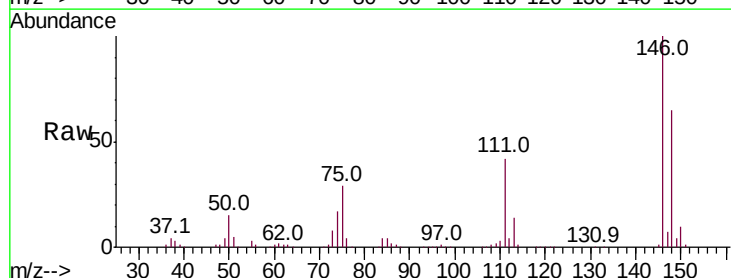
RT: 6.67 min Scan# 736

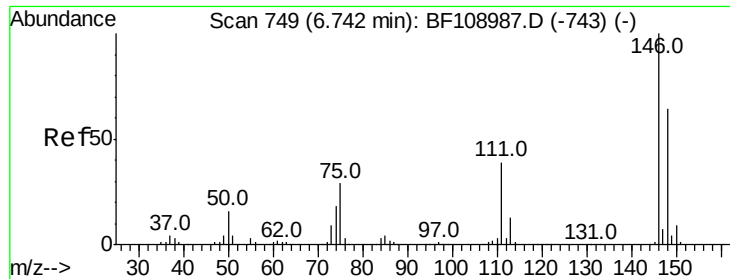
Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion:	146	Resp:	439453
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.8
75	29.4	24.2	36.4





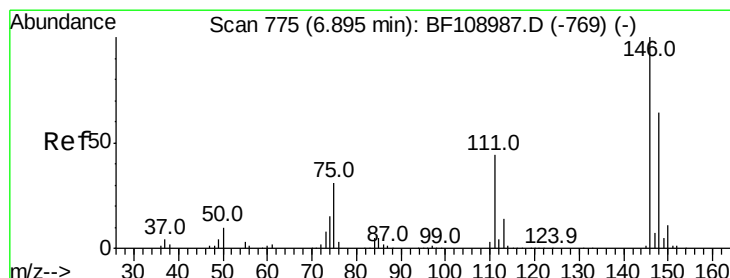
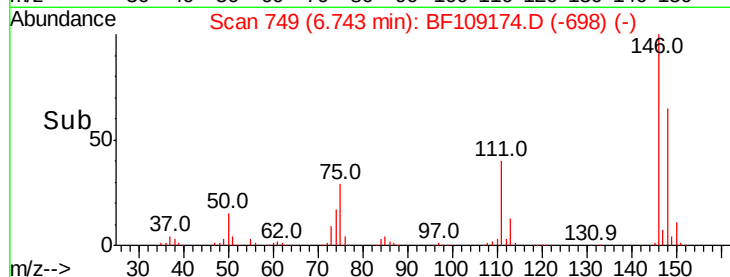
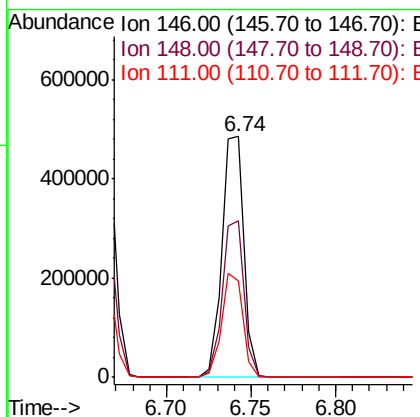
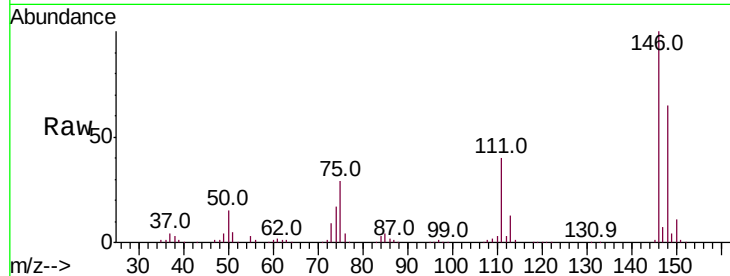
#13
 1,4-Dichlorobenzene
 Concen: 37.075 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	39.9	34.2	51.2

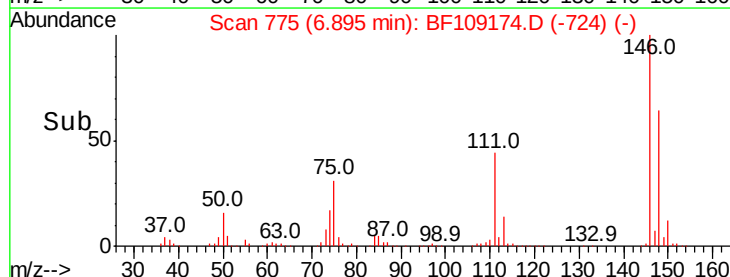
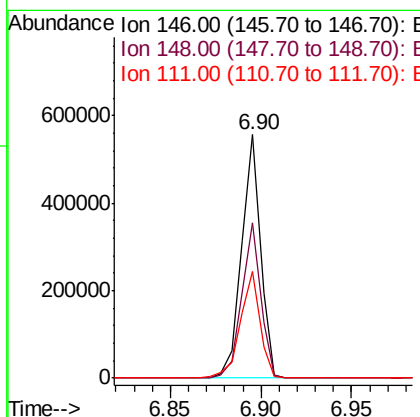
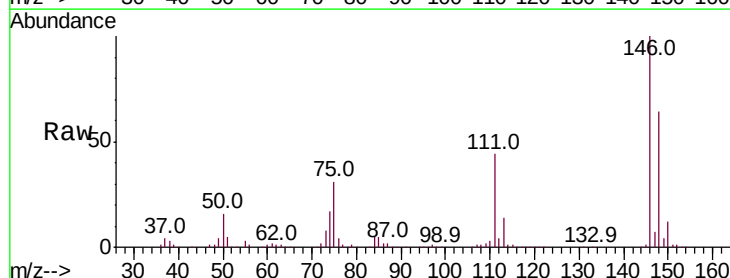
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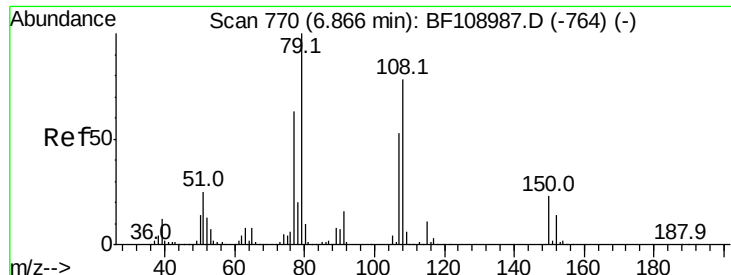
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#14
 1,2-Dichlorobenzene
 Concen: 36.984 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	44.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.890 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

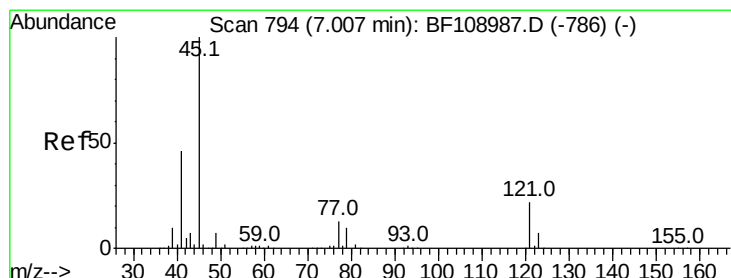
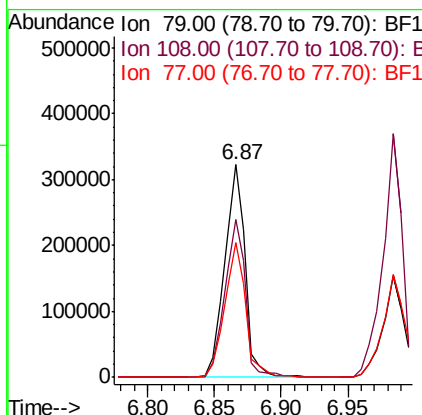
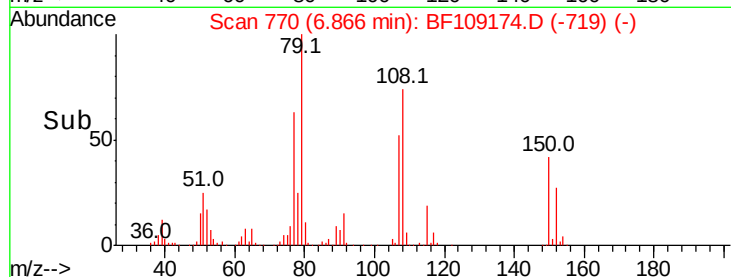
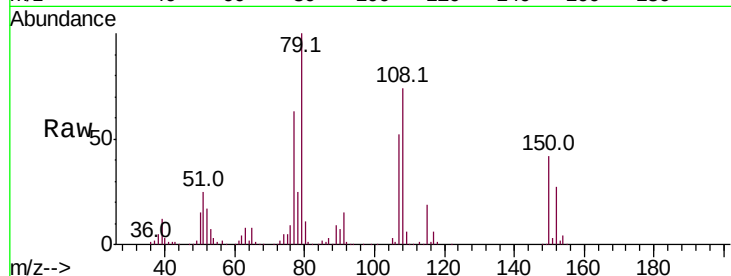
ClientSampleId :

PB112951BSD

Tot Ion:	79	Resp:	350560
Ion Ratio	Lower	Upper	
79	100		
108	74.2	65.1	97.7
77	63.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.207 ng

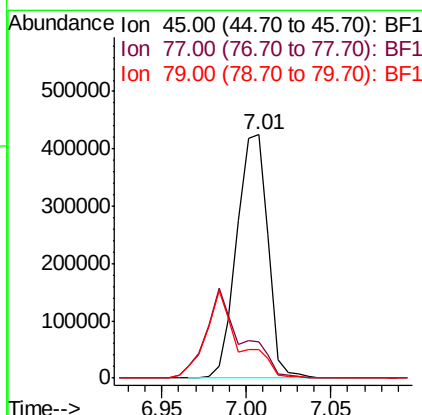
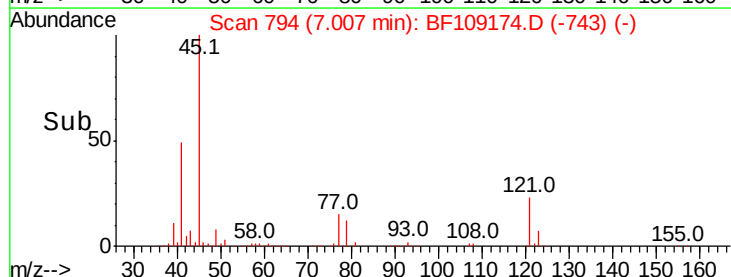
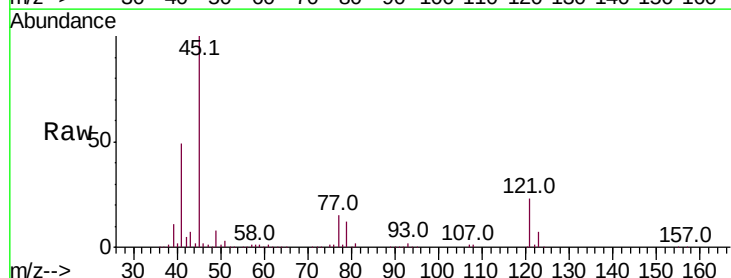
RT: 7.01 min Scan# 794

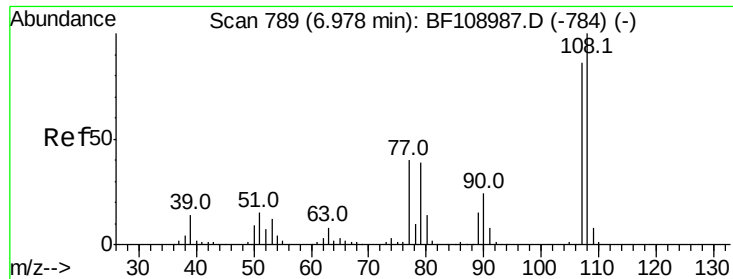
Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion:	45	Resp:	545253
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	32.9
79	11.9	0.0	29.6





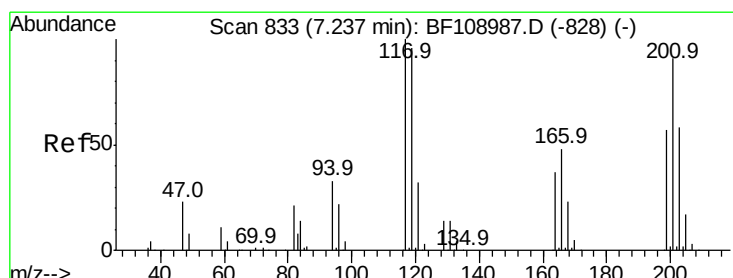
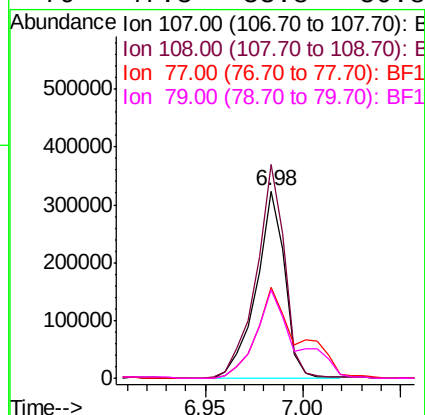
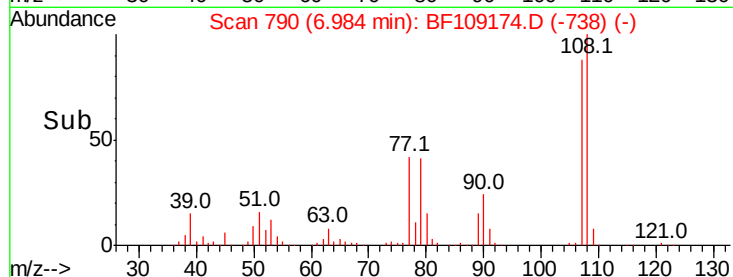
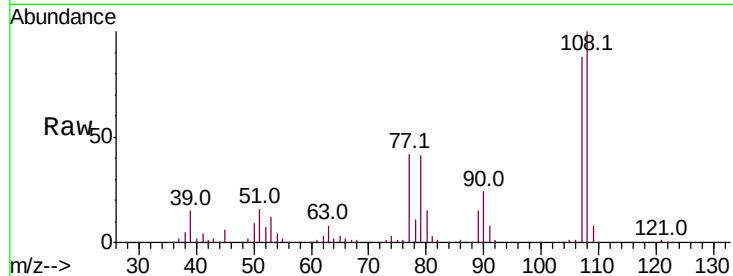
#17
2-Methylphenol
Concen: 38.826 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.7	137.5	
77	48.3	33.8	50.8	
79	47.3	33.8	50.8	

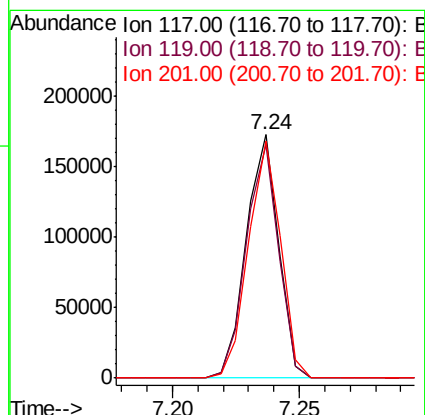
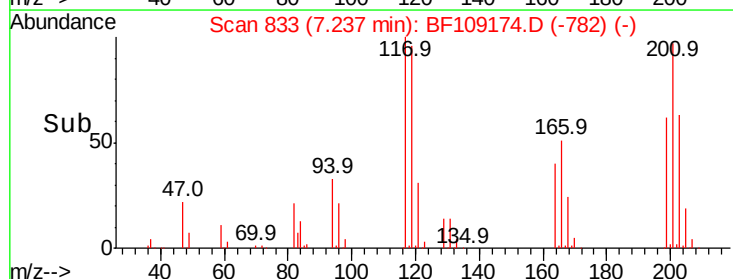
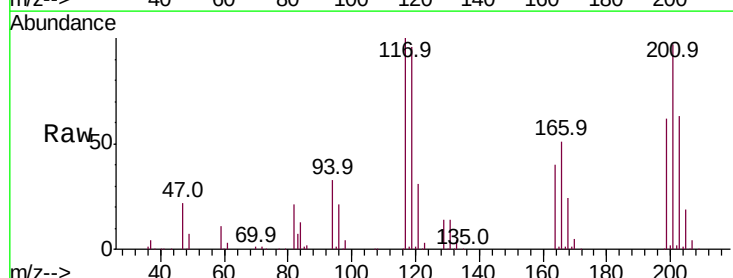
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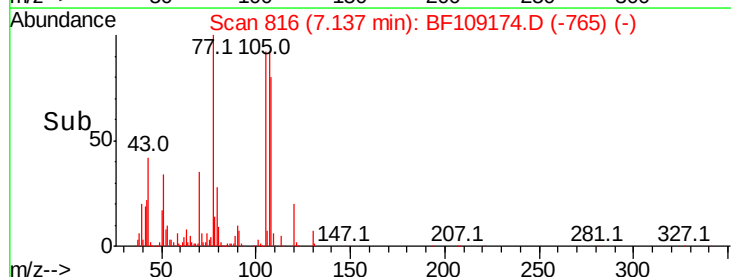
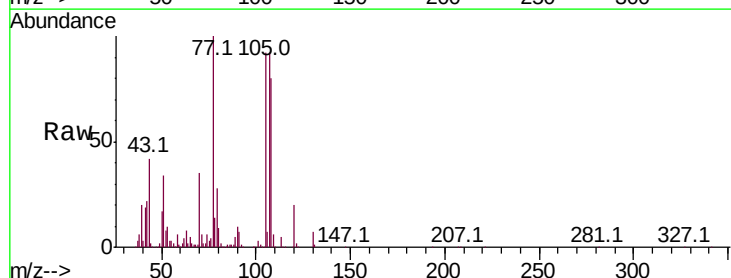
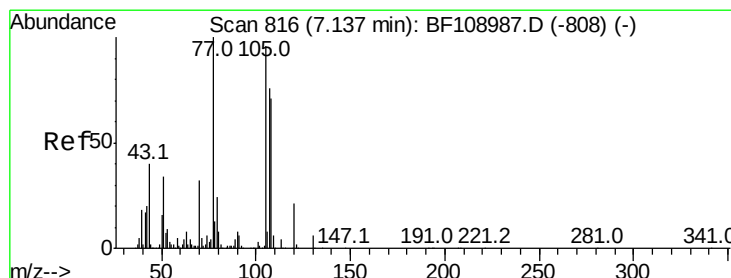
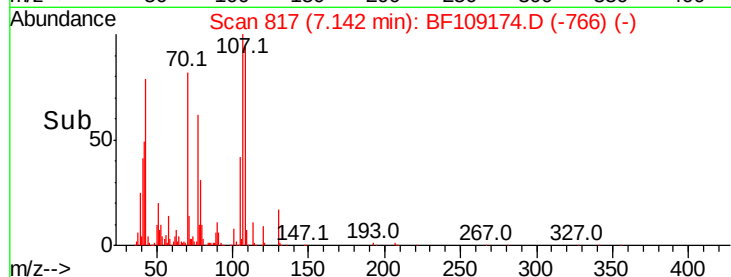
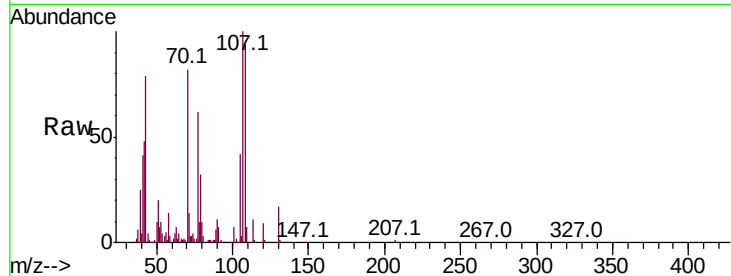
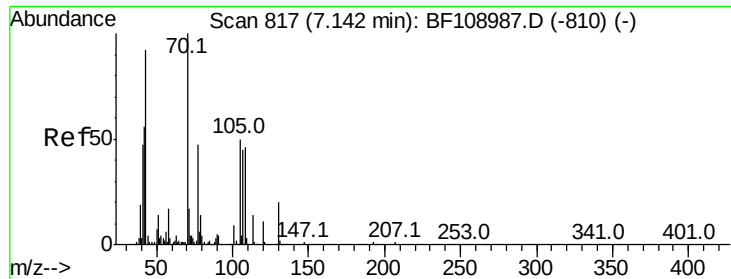
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#18
Hexachloroethane
Concen: 35.660 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.8	113.8	
201	97.5	75.7	113.5	





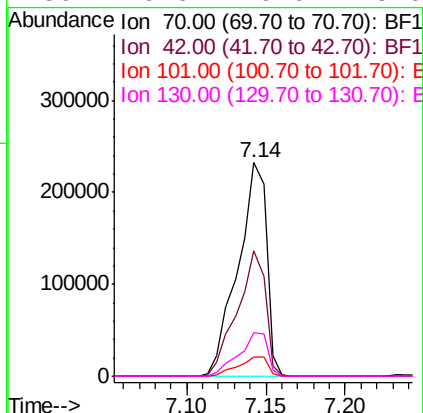
#19
n-Nitroso-di-n-propylamine
Concen: 36.946 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.5	71.3
101	9.1	7.4	11.2
130	20.6	16.6	25.0

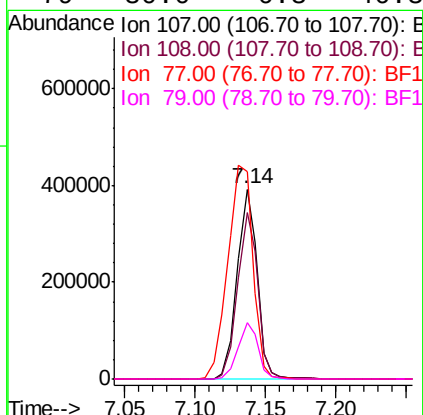
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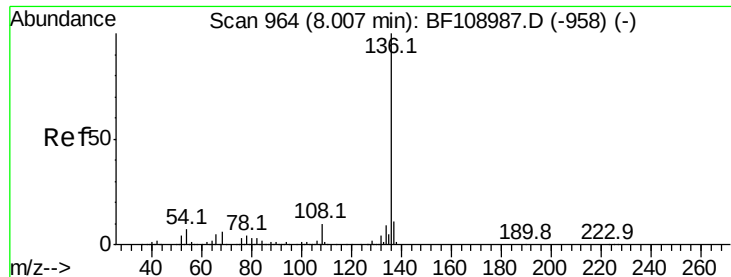
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#20
3+4-Methylphenols
Concen: 38.093 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	109.1	26.7	66.7#
79	30.0	6.3	46.3





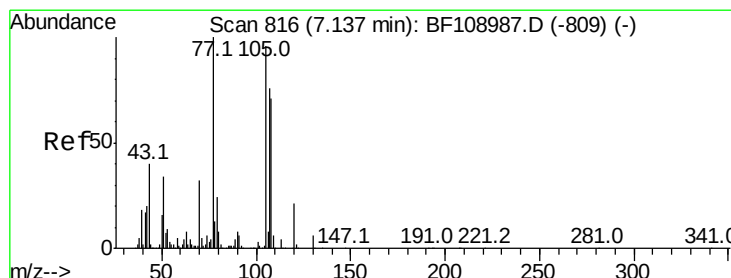
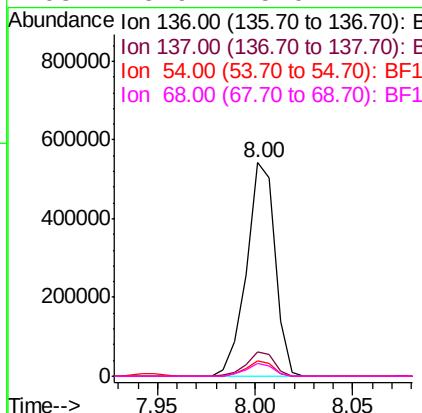
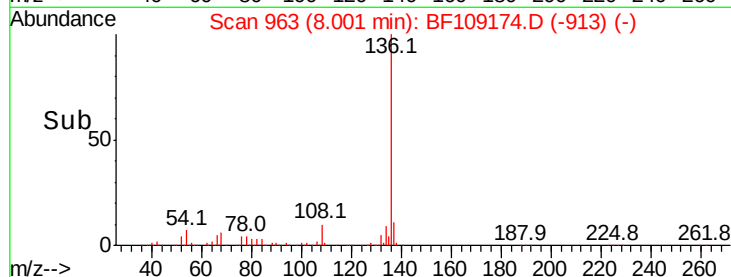
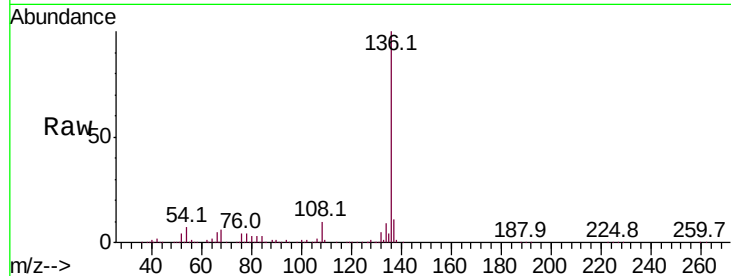
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.3	6.6	9.8	
68	5.9	5.0	7.4	

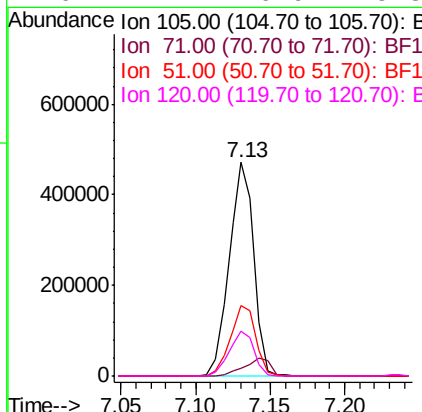
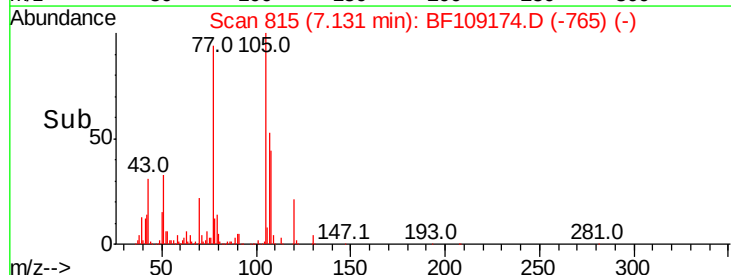
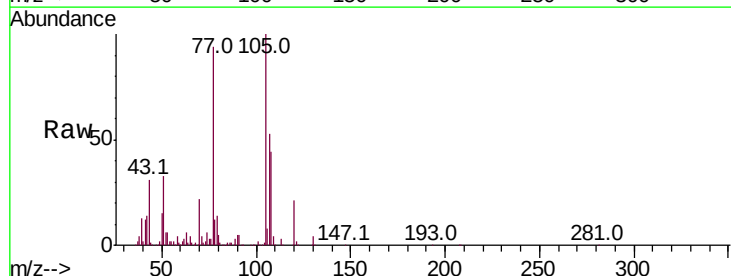
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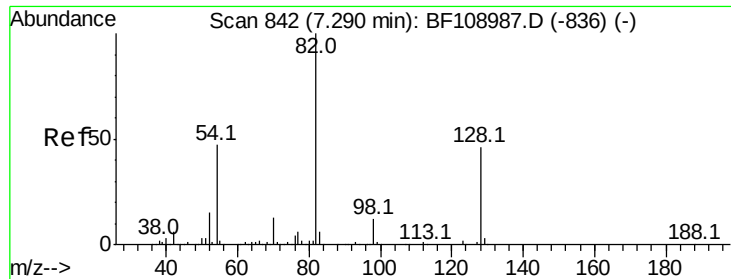
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#22
Acetophenone
Concen: 43.592 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.7	4.4	6.6#	
51	32.7	22.3	33.5	
120	21.2	16.9	25.3	





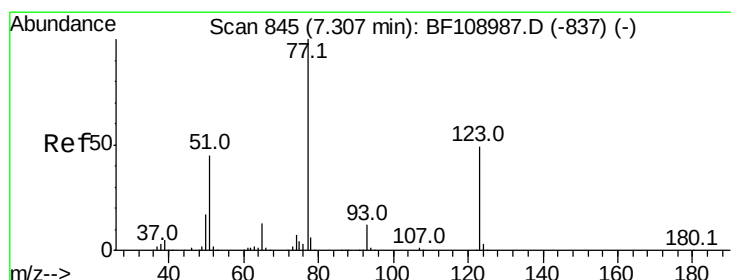
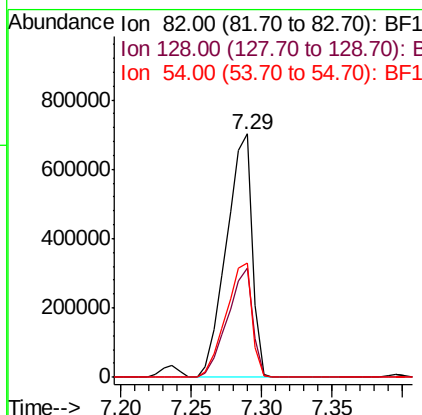
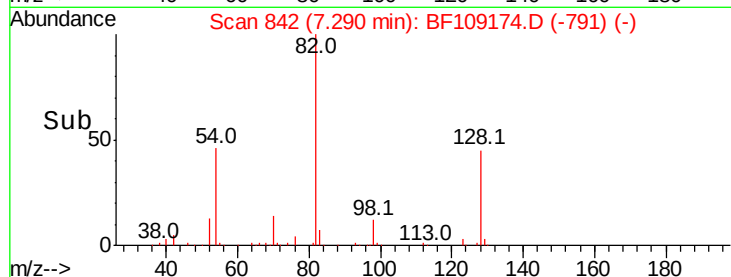
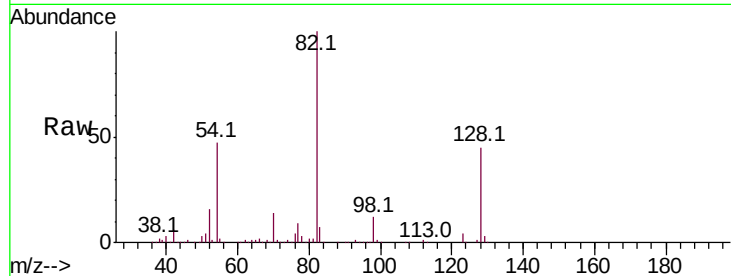
#23
Nitrobenzene-d5
Concen: 90.637 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	36.1	54.1	
54	47.1	41.4	62.2	

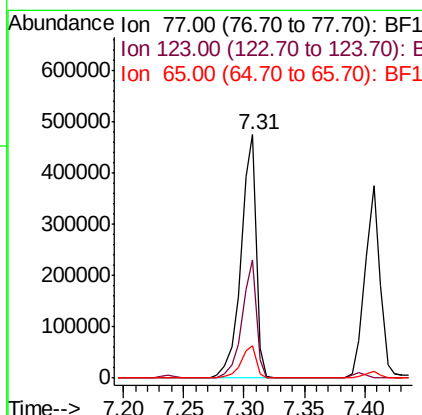
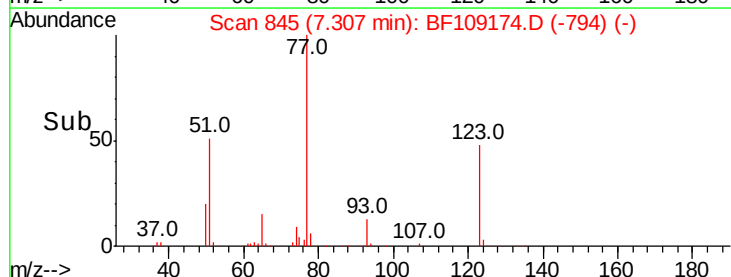
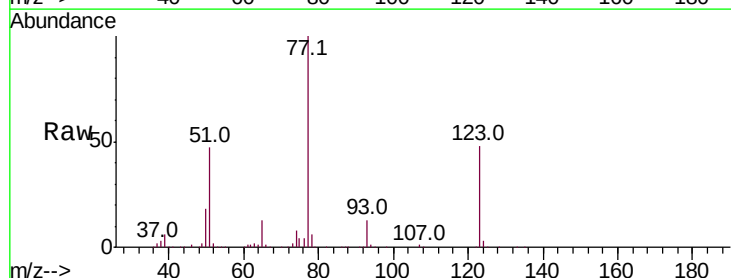
Manual Integrations
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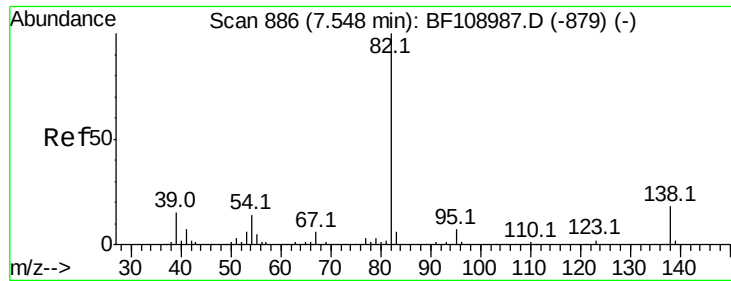
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#24
Nitrobenzene
Concen: 41.359 ng
RT: 7.31 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.4	37.9	56.9	
65	13.3	11.0	16.4	





#25

Isophorone

Concen: 46.340 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

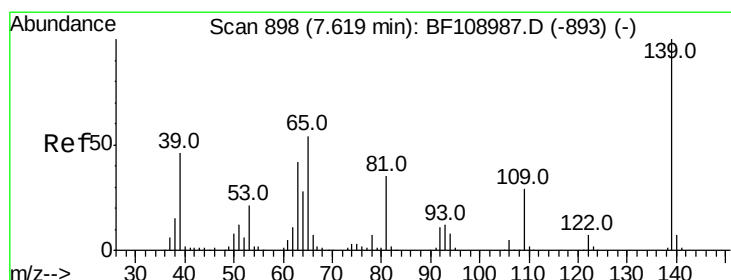
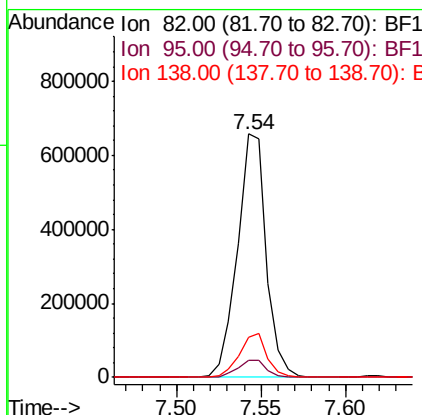
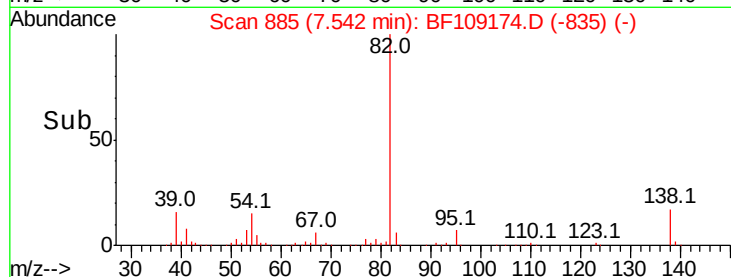
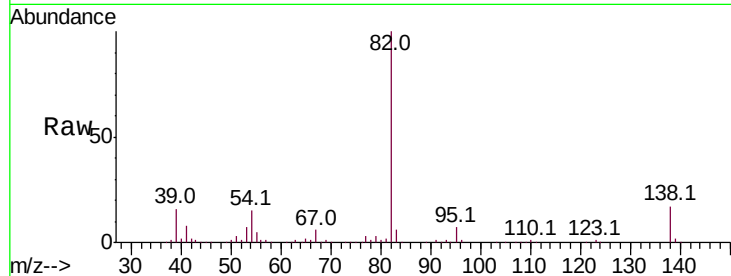
ClientSampleId :

PB112951BSD

Tot Ion:	82	Resp:	782034
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.436 ng

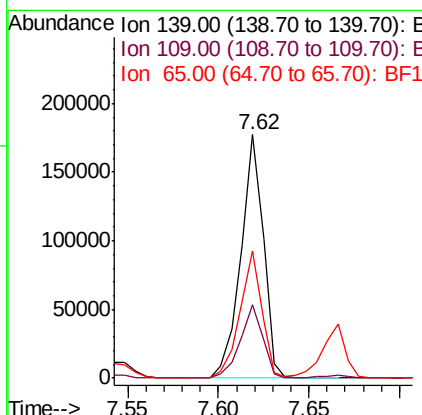
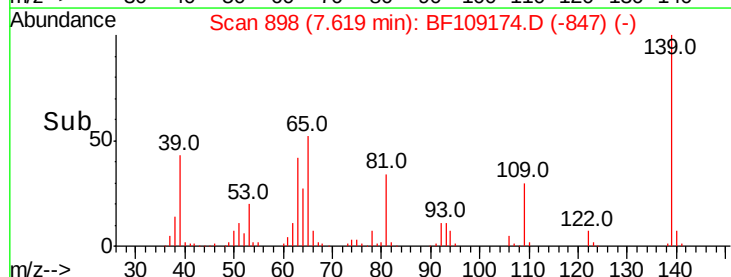
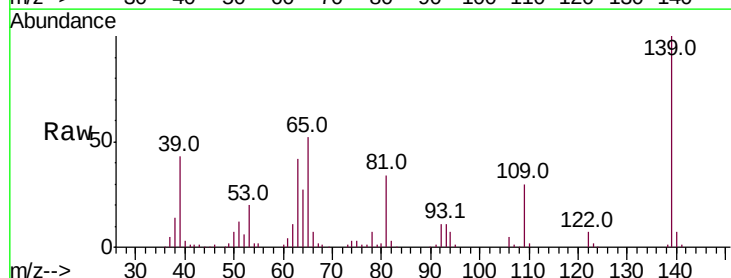
RT: 7.62 min Scan# 898

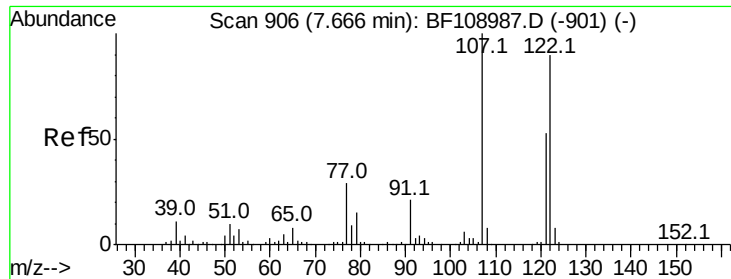
Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion:	139	Resp:	153305
Ion Ratio	Lower	Upper	
139	100		
109	30.1	22.7	34.1
65	52.4	40.5	60.7





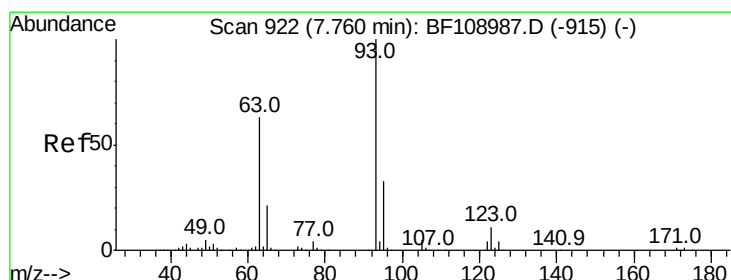
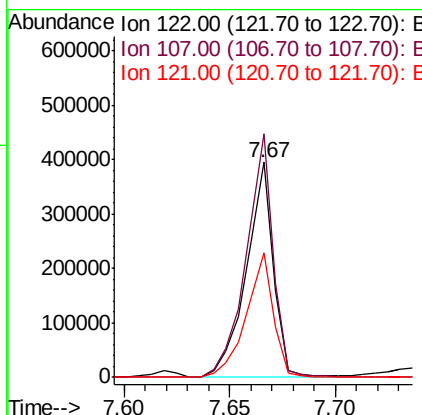
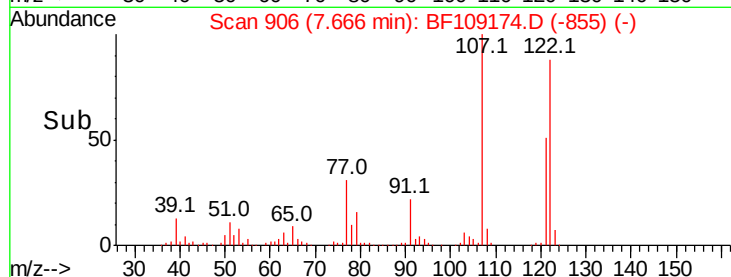
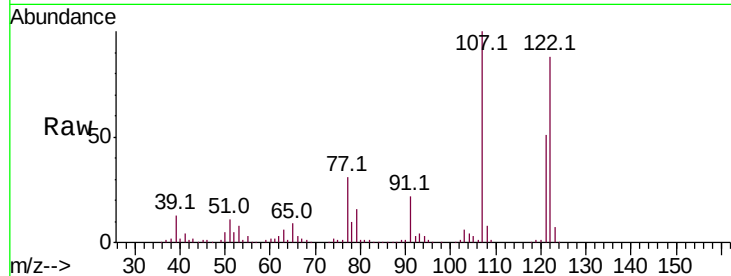
#27
2,4-Dimethylphenol
Concen: 47.224 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	350117		
107	113.3	91.2	136.8	
121	58.0	47.2	70.8	

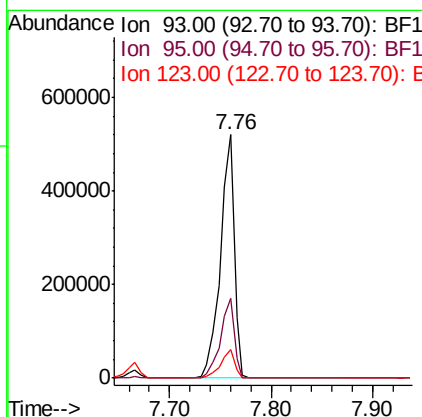
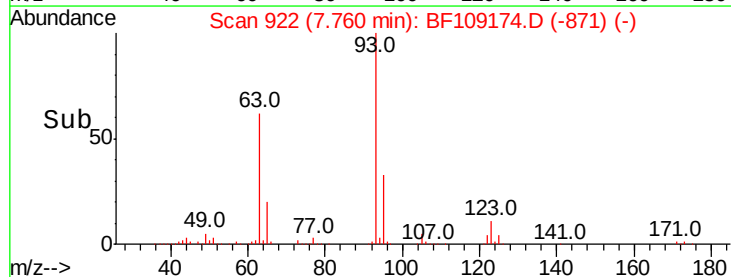
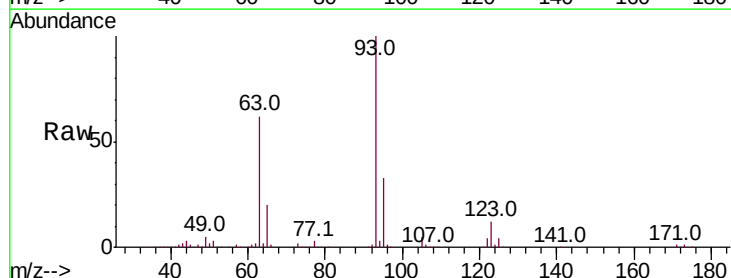
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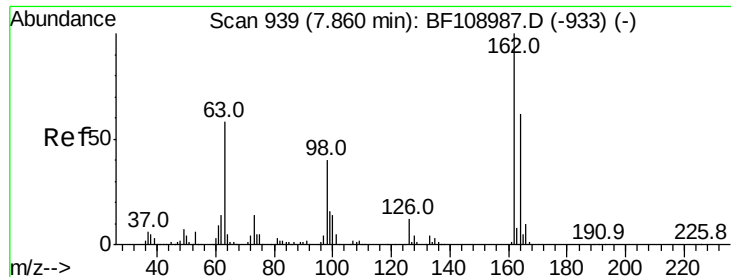
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#28
bis(2-Chloroethoxy)methane
Concen: 43.528 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	494331		
95	32.7	26.3	39.5	
123	11.6	9.8	14.6	





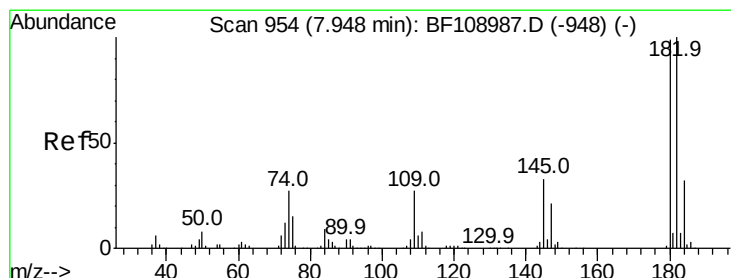
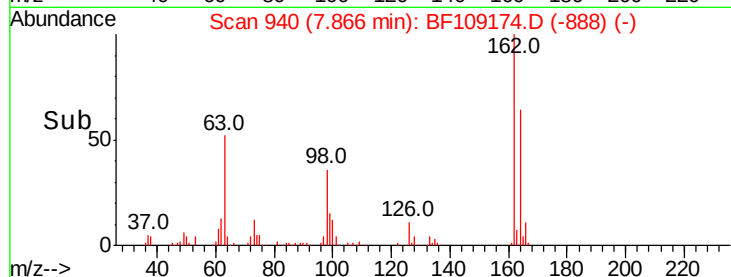
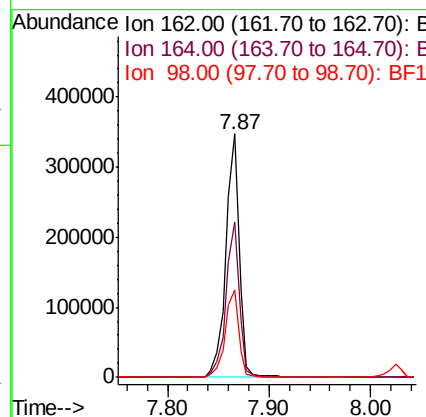
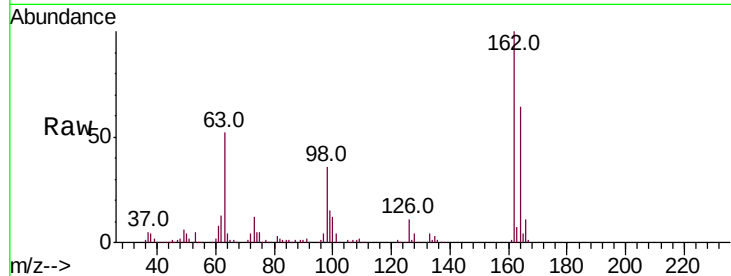
#29
 2,4-Dichlorophenol
 Concen: 40.379 ng
 RT: 7.87 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	319014		
164	63.9	42.7	82.7	
98	35.9	18.1	58.1	

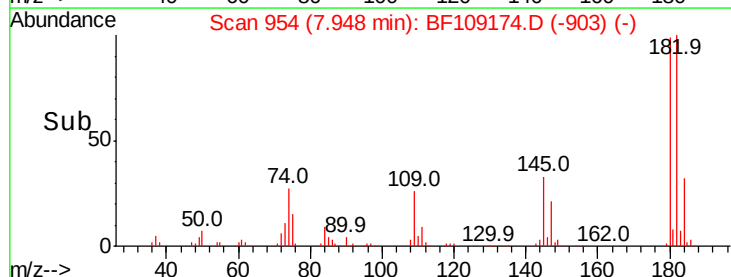
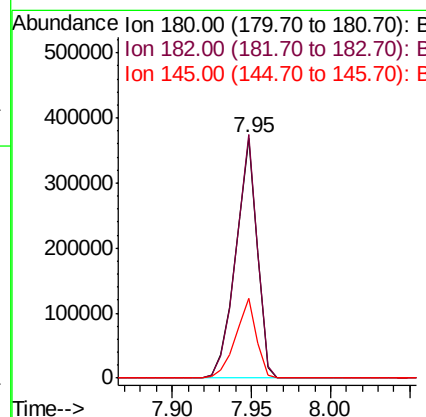
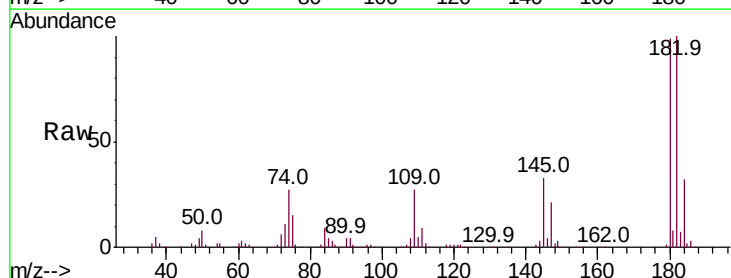
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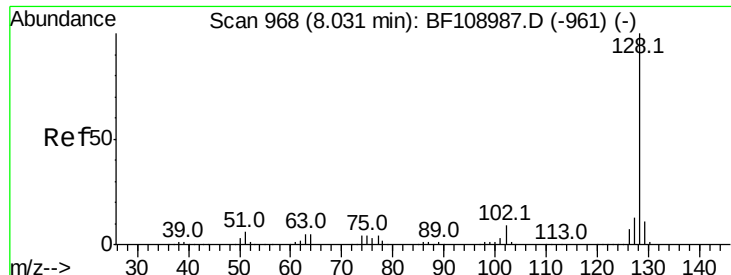
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.532 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	346154		
182	101.4	76.8	115.2	
145	33.1	26.5	39.7	





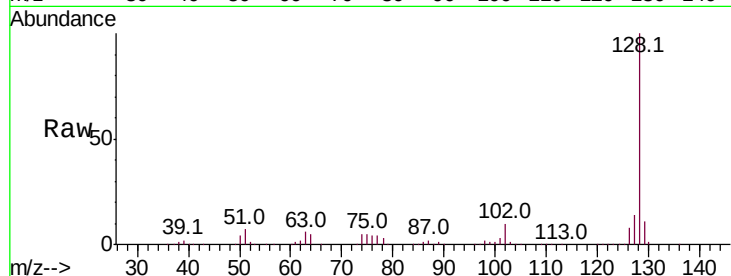
#31
Naphthalene
Concen: 43.628 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

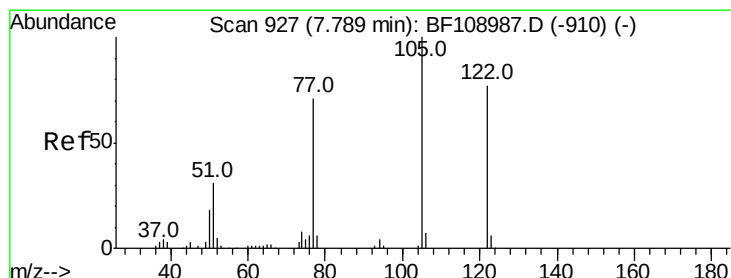
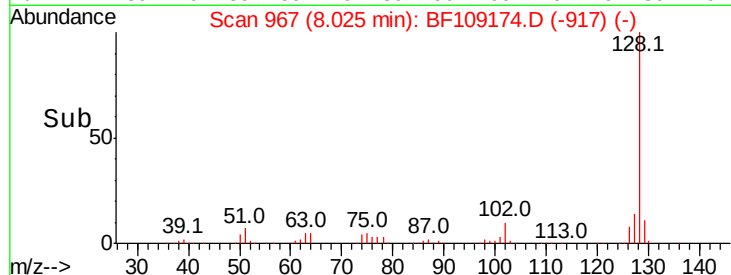
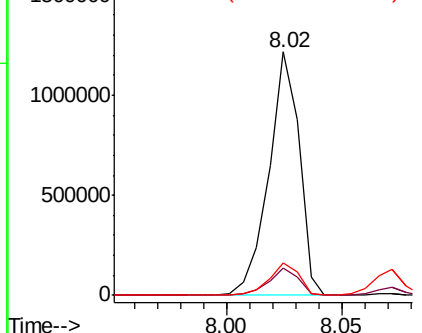
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3

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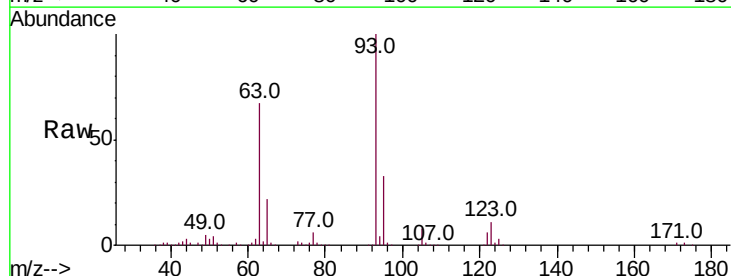


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

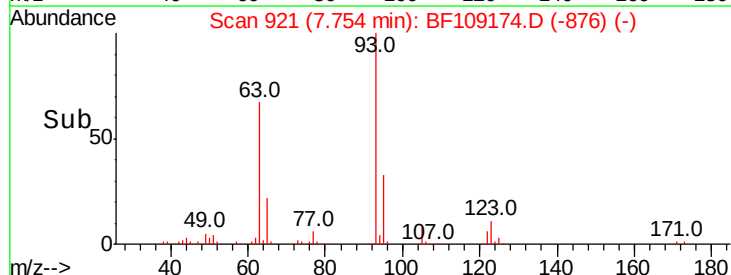
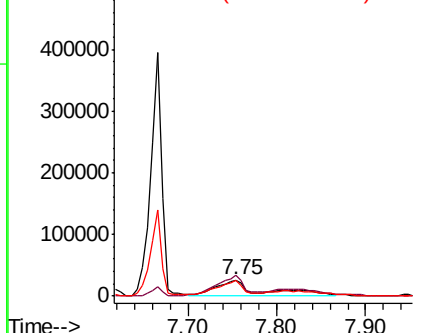


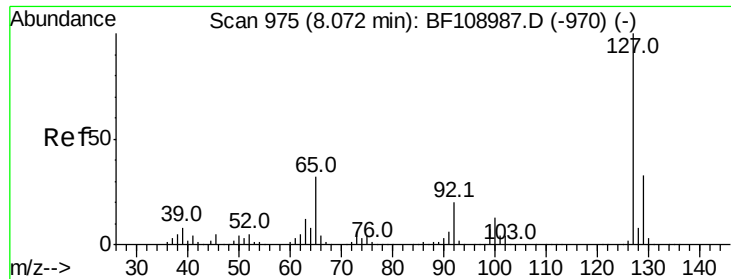
#32
Benzoic acid
Concen: 19.681 ng m
RT: 7.75 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	101.1	141.1
77	99.3	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





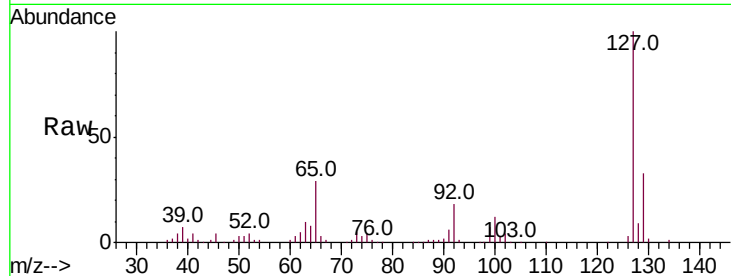
#33
4-Chloroaniline
Concen: 10.883 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	123674		
129	32.6	25.9	38.9	
65	29.3	25.0	37.4	
92	18.1	15.2	22.8	

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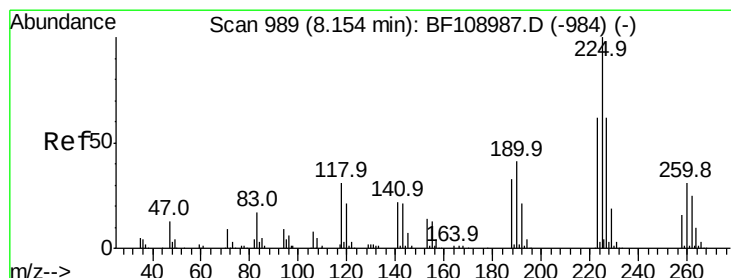
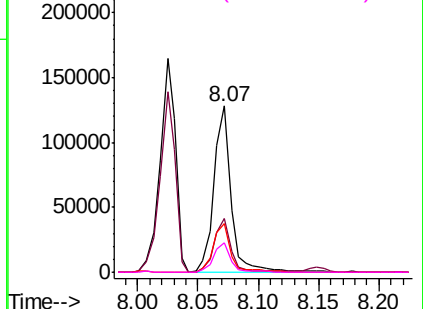
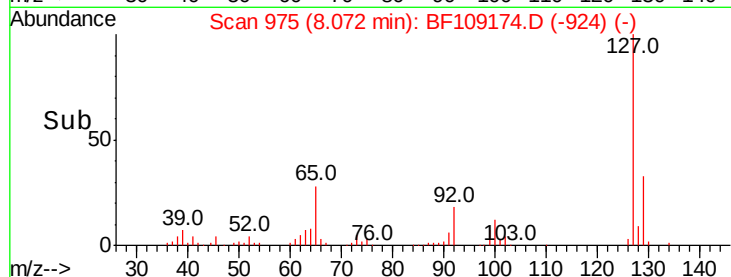
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

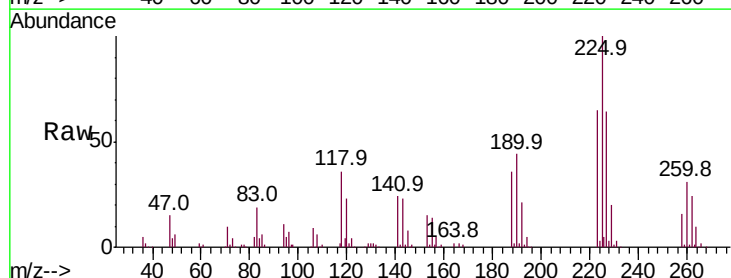
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.674 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212067		
223	64.8	50.6	76.0	
227	63.9	51.9	77.9	

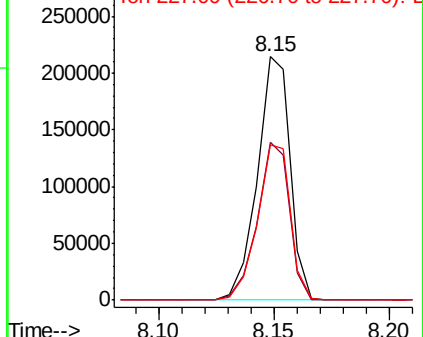
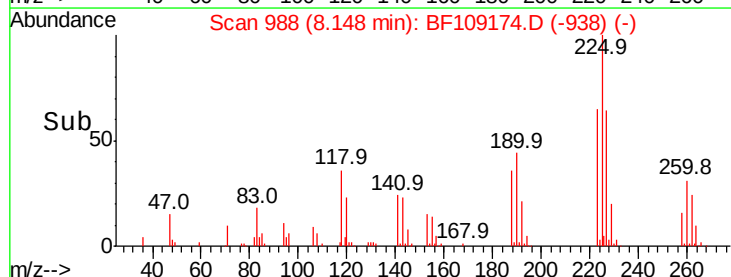


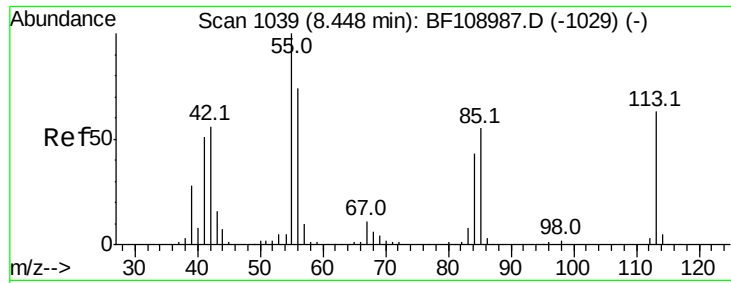
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.949 ng/mL

RT: 8.45 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

Tot Ion:113 Resp: 95174

Ion Ratio Lower Upper

113 100

55 166.1 163.3 203.3

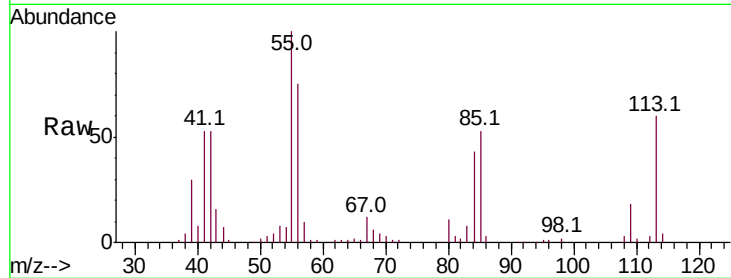
56 124.4 115.7 155.7

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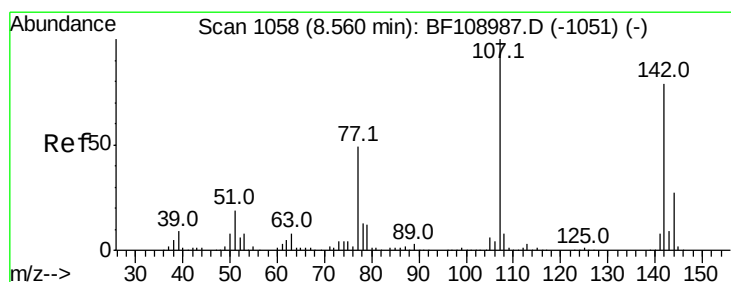
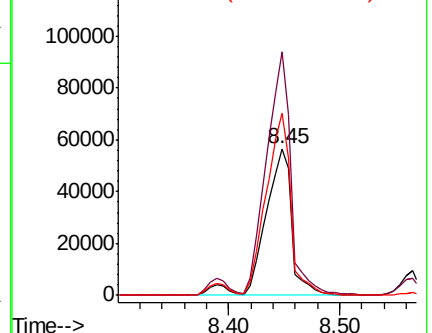
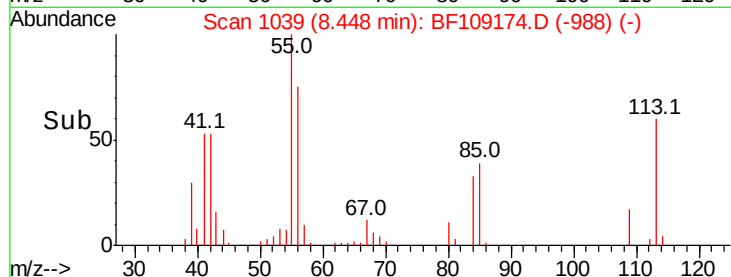
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.928 ng/mL

RT: 8.57 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

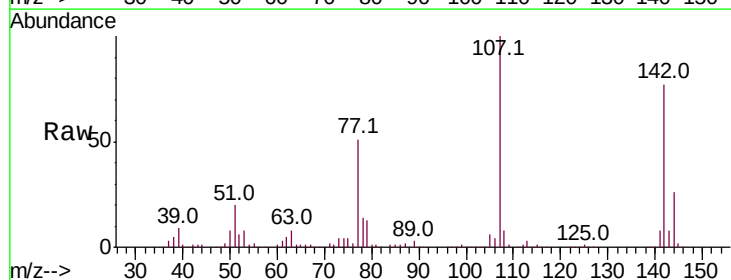
Tgt Ion:107 Resp: 323759

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

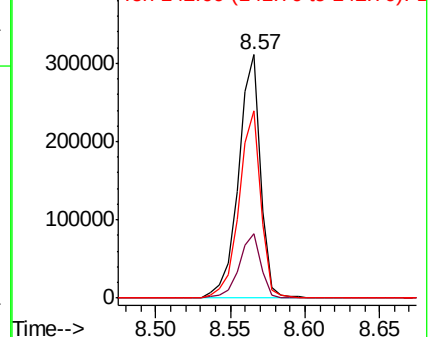
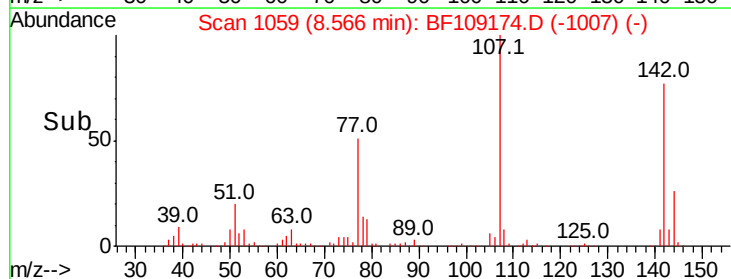
142 76.9 62.0 93.0

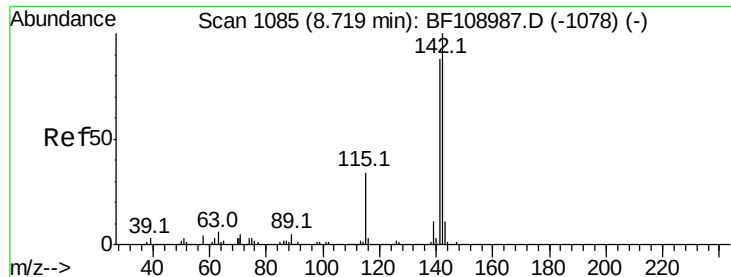


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





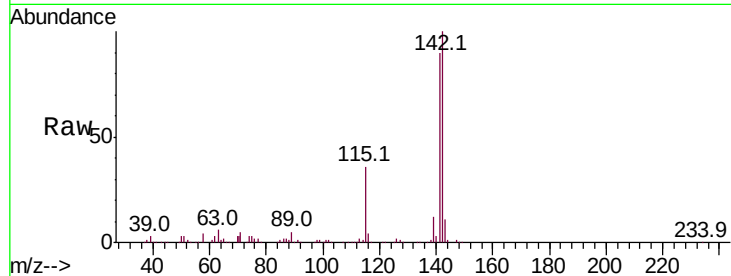
#37
2-Methylnaphthalene
Concen: 44.218 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampled :
PB112951BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	35.7	26.1	39.1

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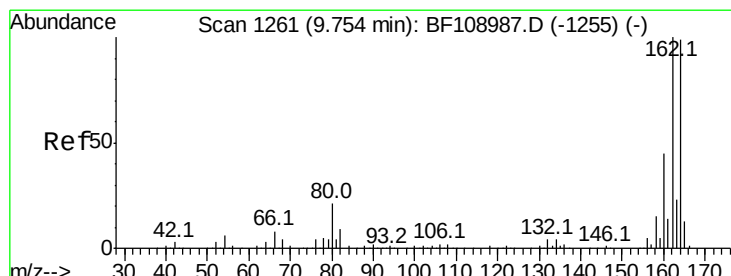
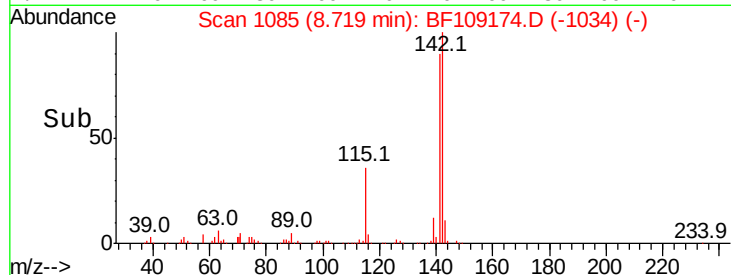
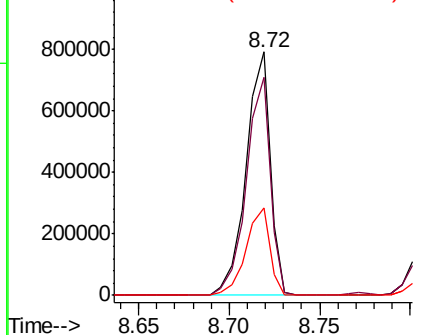


Abundance

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: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

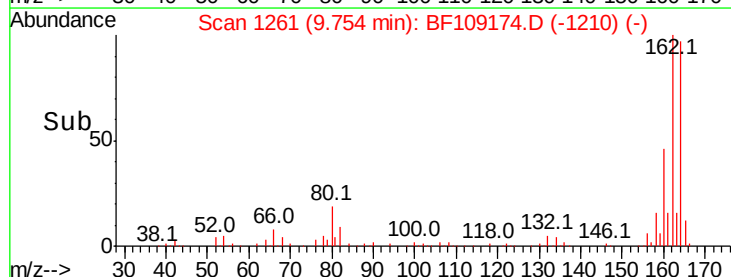
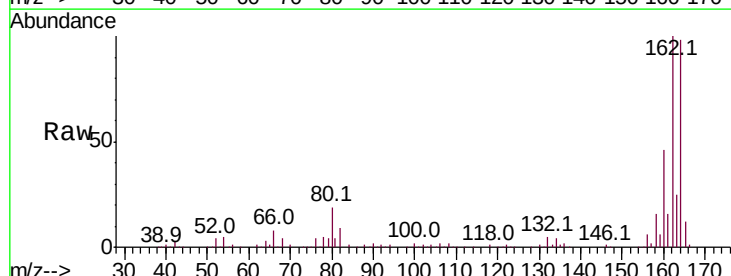
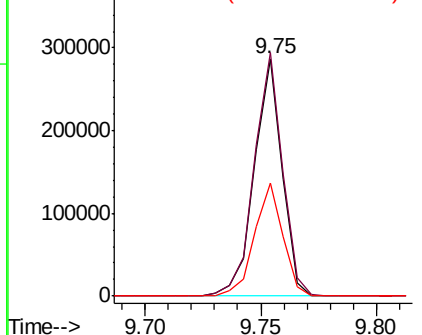
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	47.4	38.3	57.5

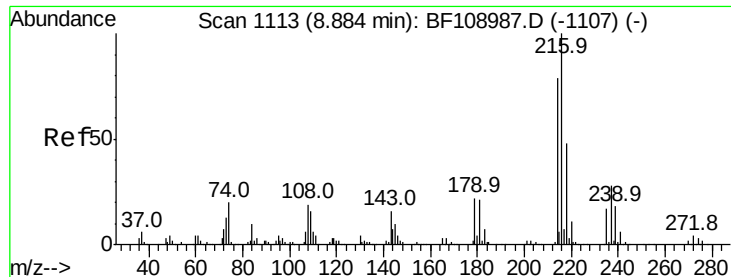
Abundance

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





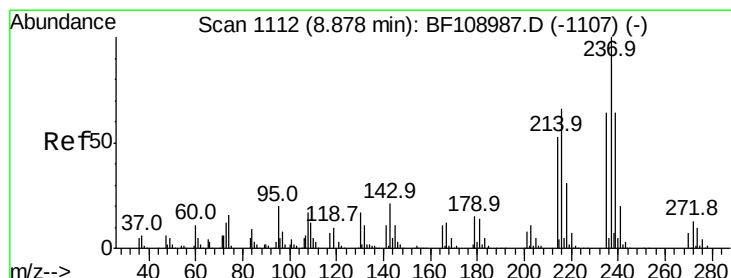
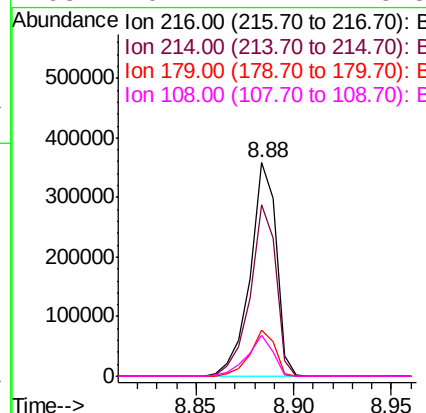
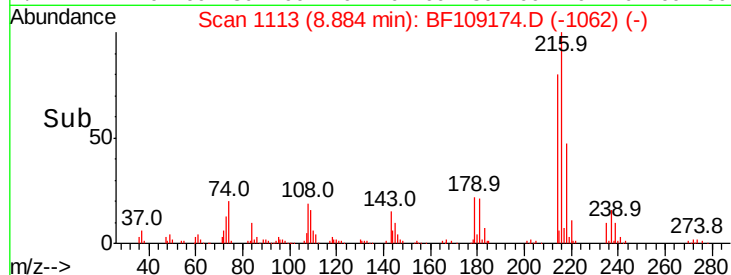
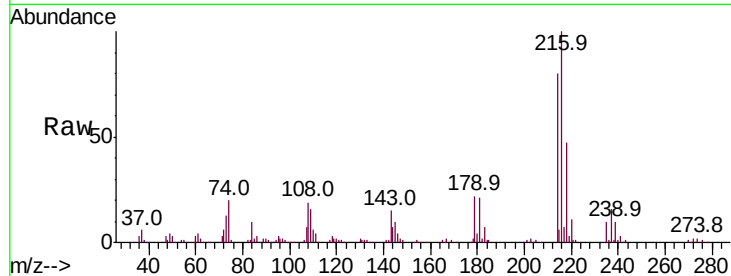
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.743 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.9	18.1	27.1
108	19.4	17.2	25.8

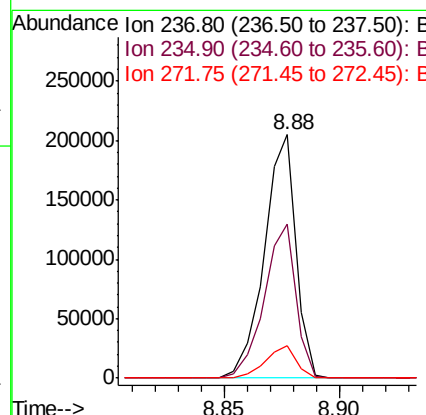
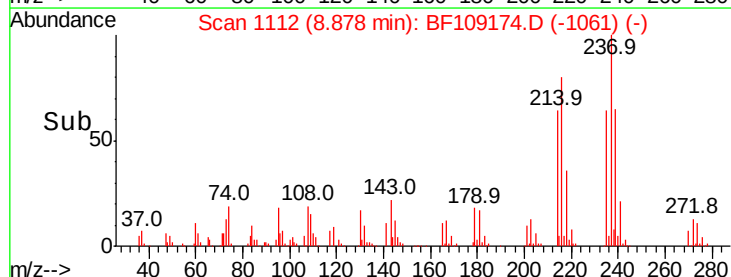
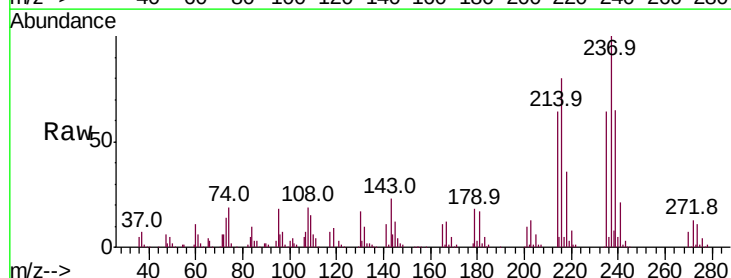
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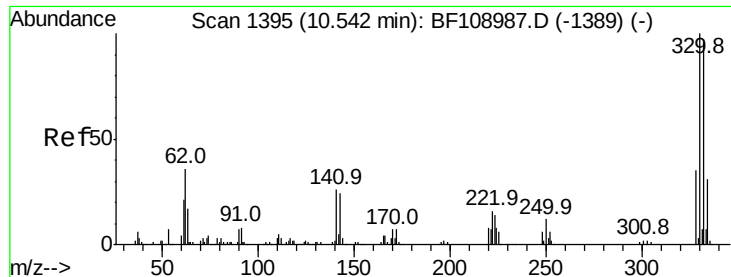
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#40
 Hexachlorocyclopentadiene
 Concen: 51.019 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.8	84.8
272	13.4	0.0	33.3





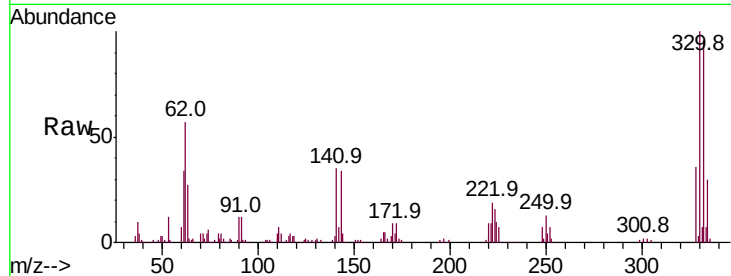
#41
 2,4,6-Tribromophenol
 Concen: 75.594 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	197904		
332	95.9	77.0	115.6	
141	32.4	29.9	44.9	

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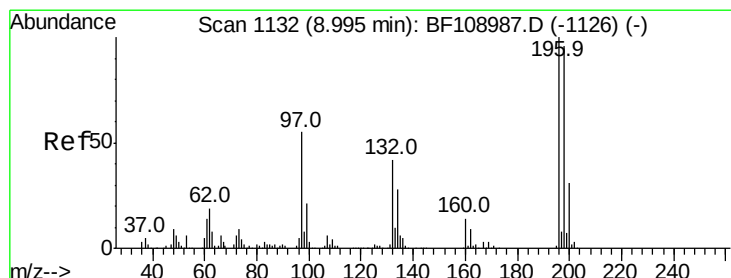
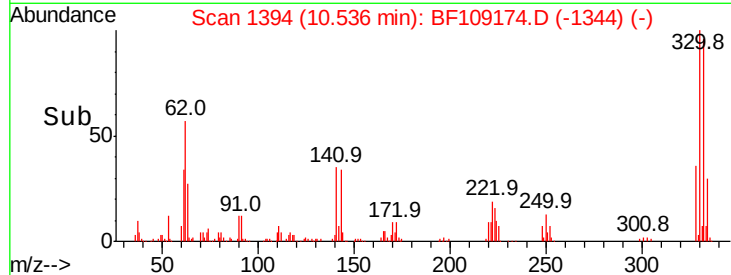
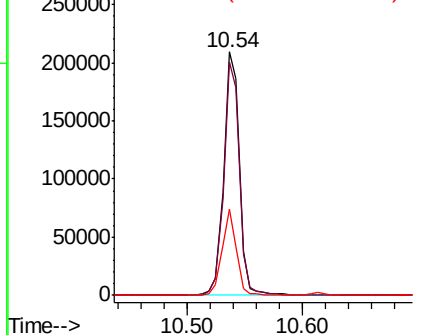


Abundance

Ion 329.80 (329.50 to 330.50): E

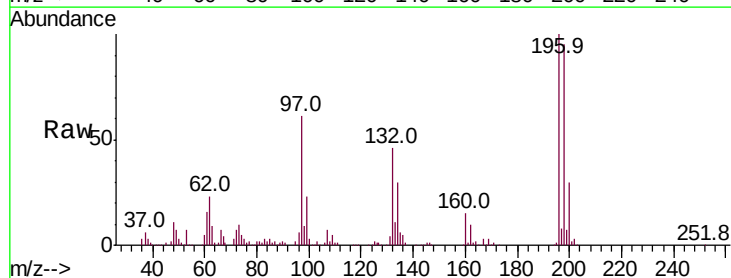
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.603 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207207		
198	95.1	75.7	113.5	
200	30.2	24.5	36.7	

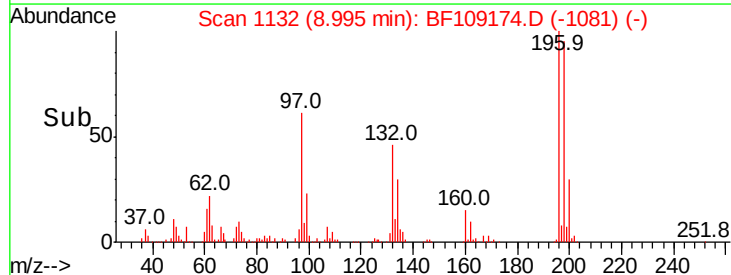
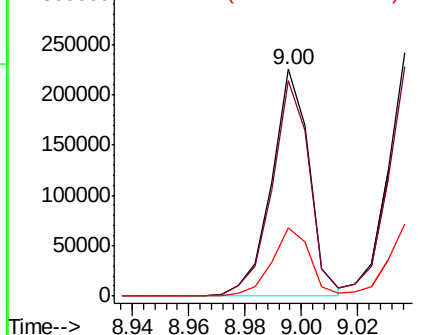


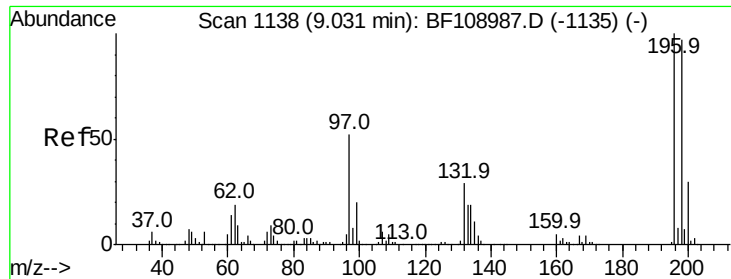
Abundance

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





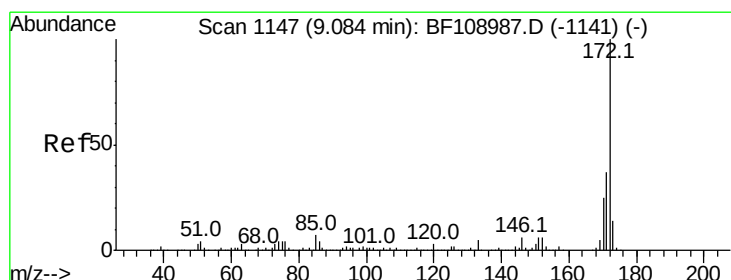
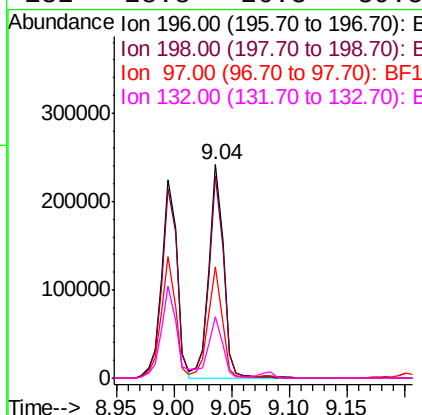
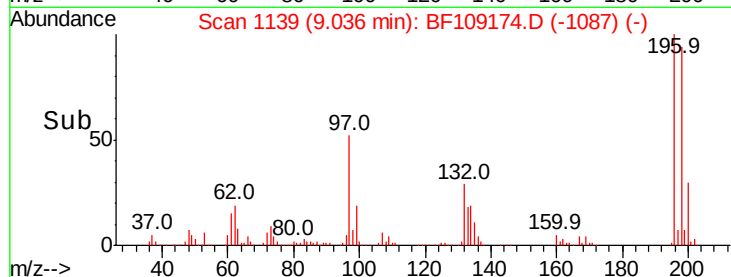
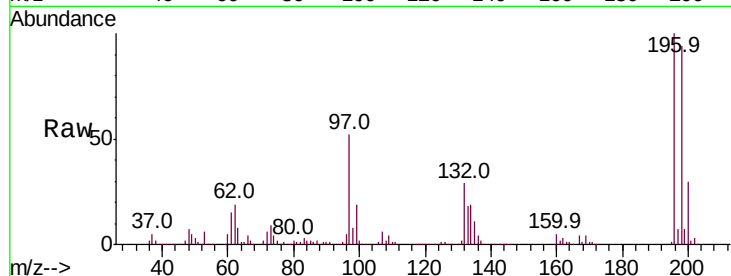
#43
 2,4,5-Trichlorophenol
 Concen: 40.581 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion:	196	Resp:	216420
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.6	112.0
97	51.9	42.9	64.3
132	28.8	26.3	39.5

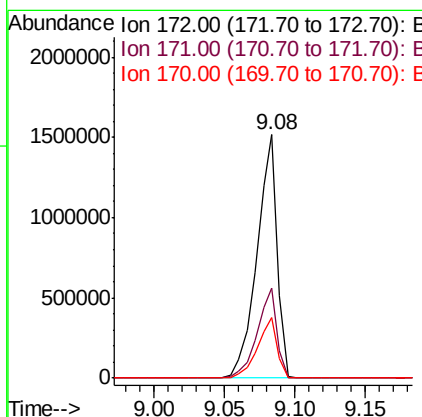
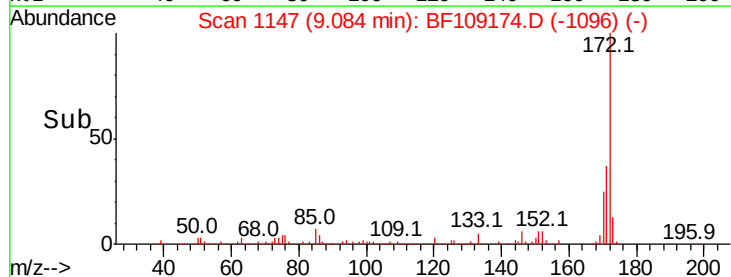
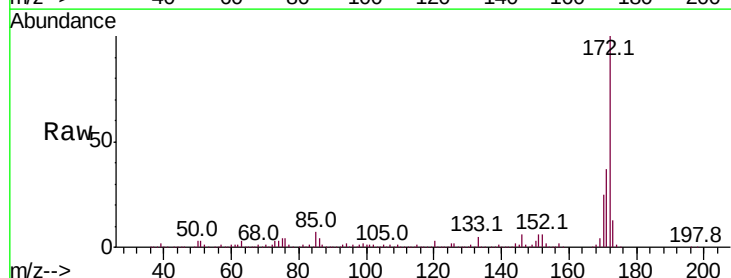
Manual Integrations
 APPROVED

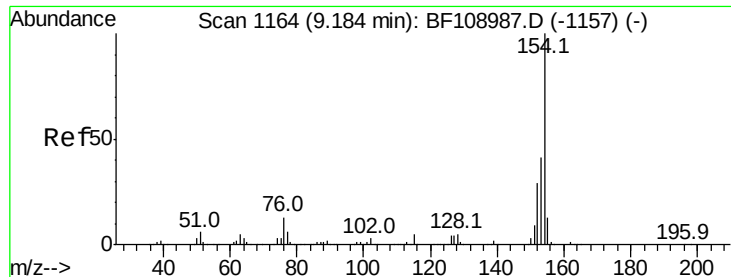
Sohil
 9/20/2018 10:06:56 AM



#44
 2-Fluorobiphenyl
 Concen: 99.415 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:	172	Resp:	1530705
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4





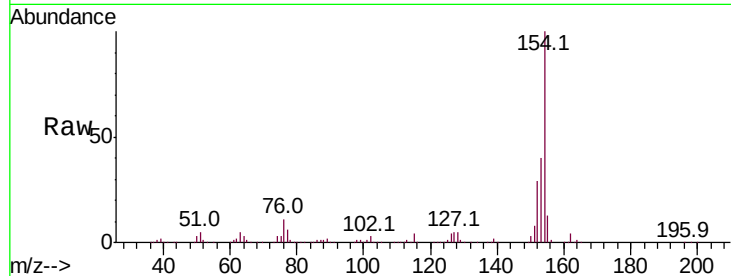
#45
 1,1'-Biphenyl
 Concen: 44.824 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.3	61.3	
76	11.5	0.0	34.0	

Manual Integrations
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Sohil
 9/20/2018 10:06:56 AM

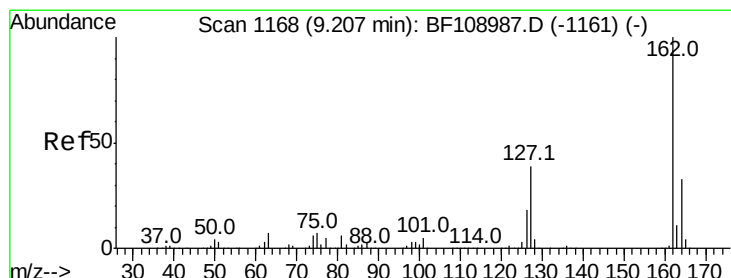
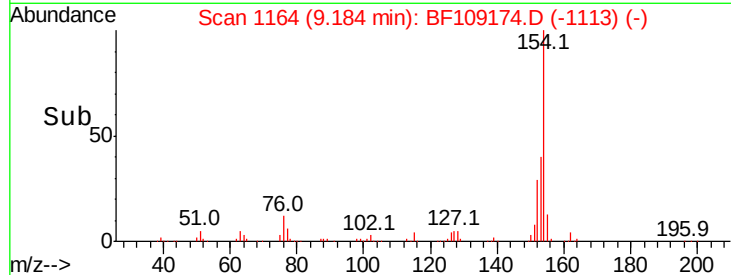
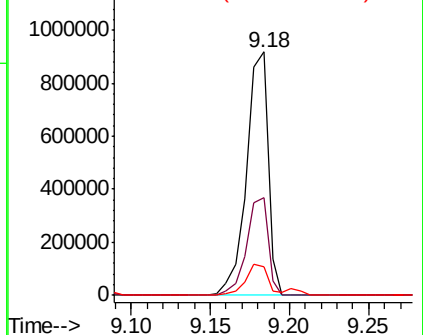


Abundance

Ion 154.00 (153.70 to 154.70): E

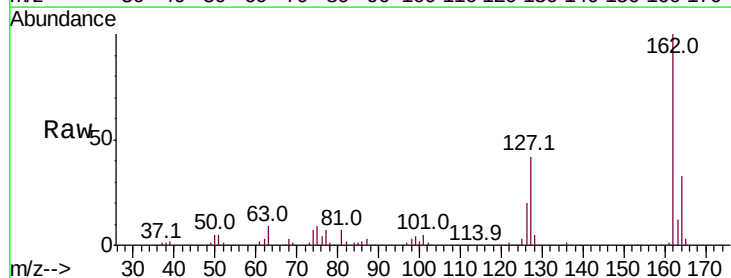
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 42.753 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.8	33.9	50.9	
164	32.6	26.5	39.7	

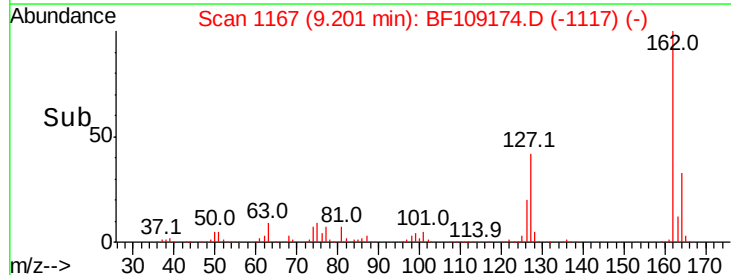
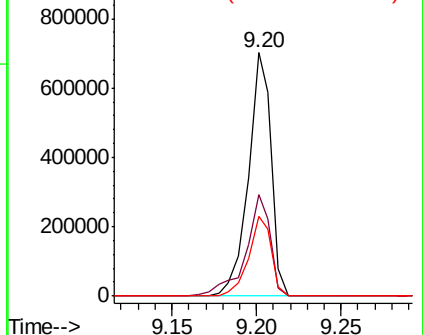


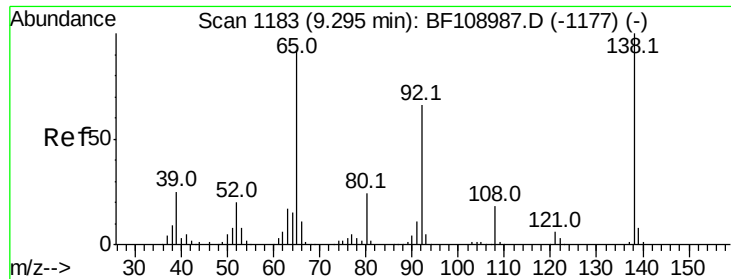
Abundance

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





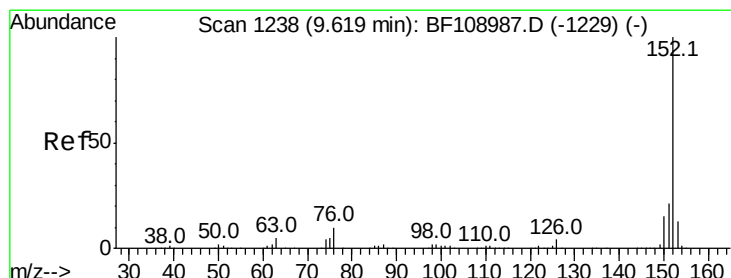
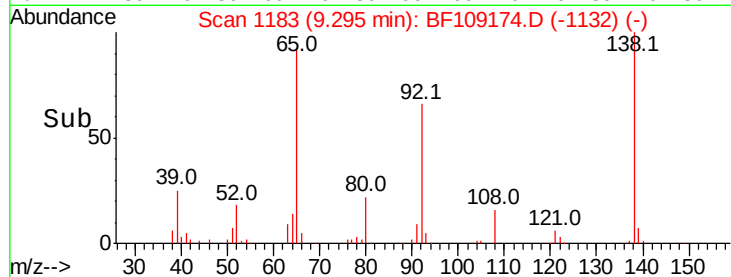
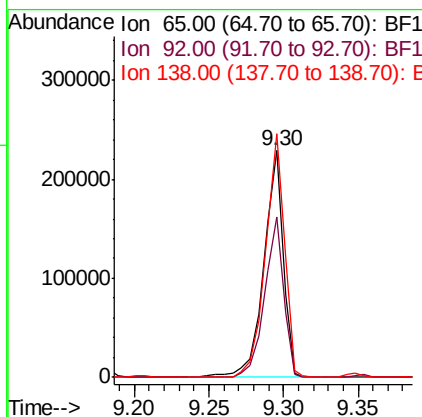
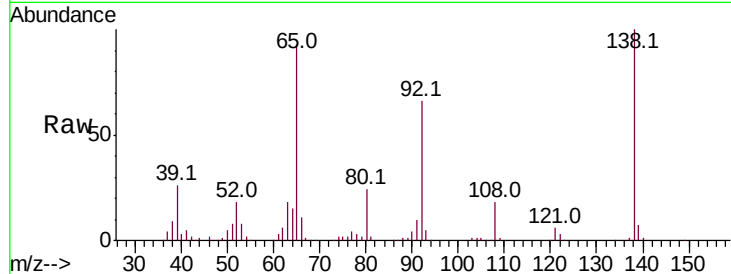
#47
2-Nitroaniline
Concen: 43.053 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	55.8	83.6
138	107.5	91.2	136.8

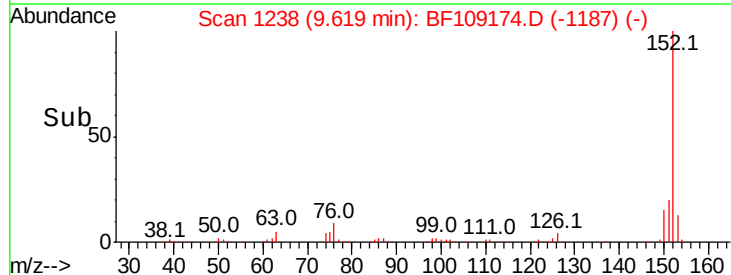
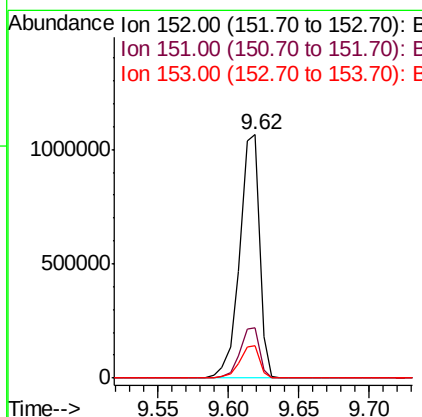
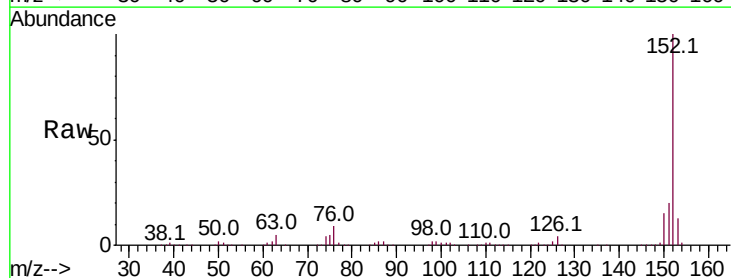
Manual Integrations
APPROVED

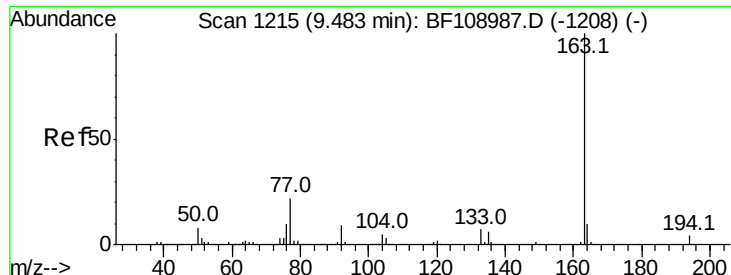
Sohil
9/20/2018 10:06:56 AM



#48
Acenaphthylene
Concen: 44.650 ng
RT: 9.62 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





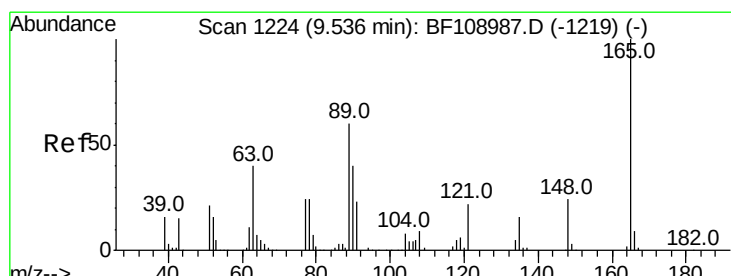
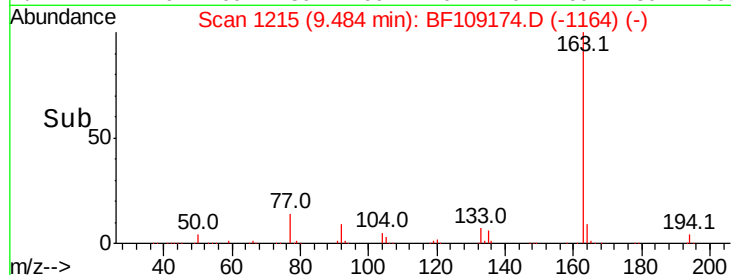
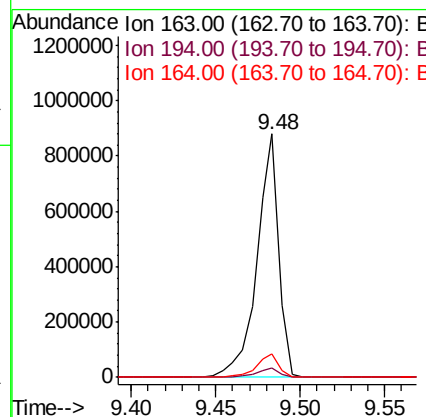
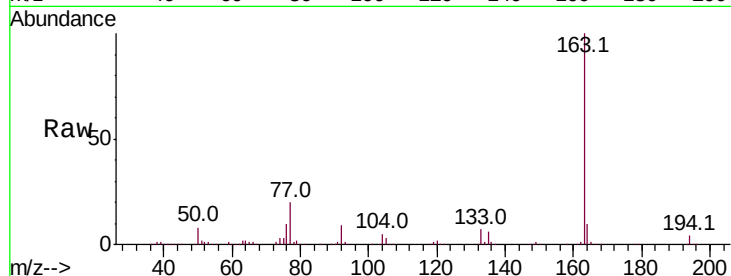
#49
Dimethylphthalate
Concen: 45.824 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	790074		
194	4.0		2.7	4.1
164	9.9		8.2	12.2

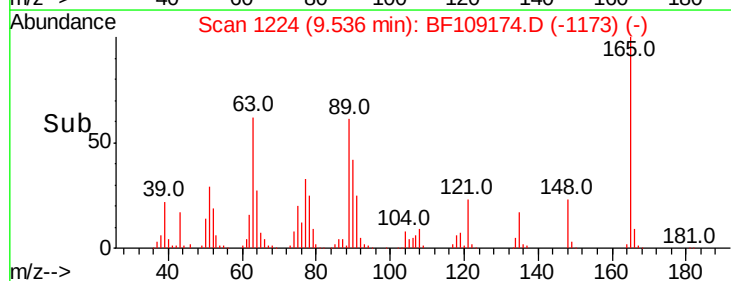
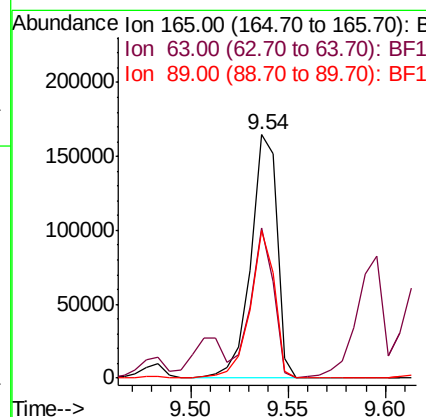
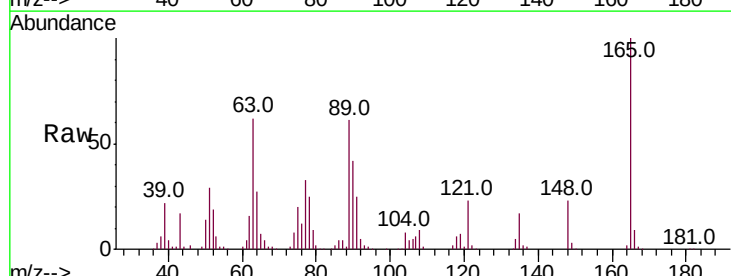
Manual Integrations
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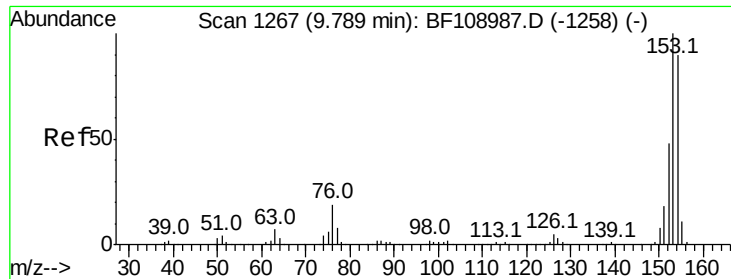
Sohil
9/20/2018 10:06:56 AM



#50
2,6-Dinitrotoluene
Concen: 40.222 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153795		
63	61.8		44.7	67.1
89	60.9		44.0	66.0





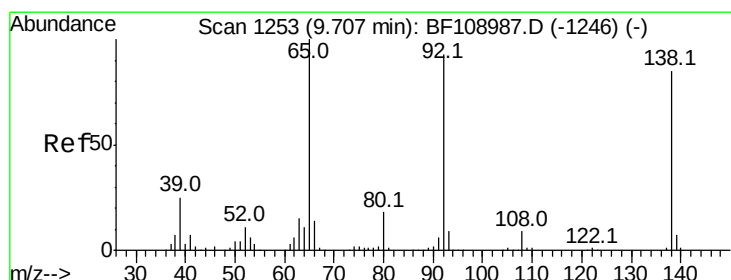
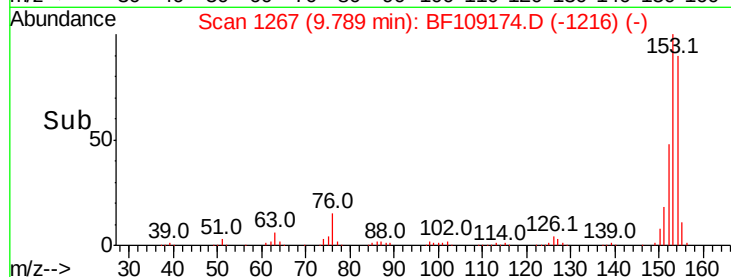
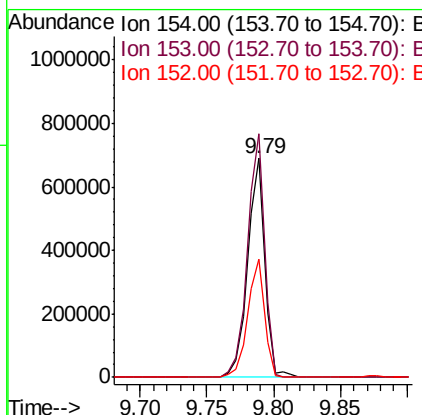
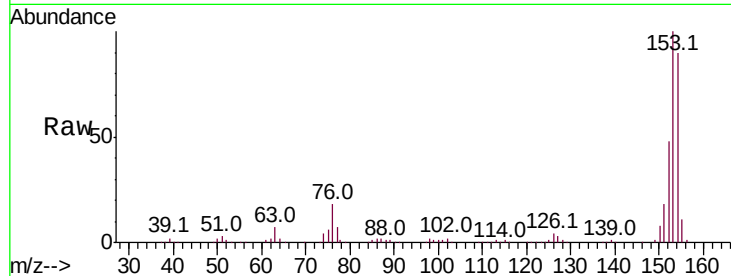
#51
Acenaphthene
Concen: 41.804 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampled :
PB112951BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	53.8	43.8	65.8

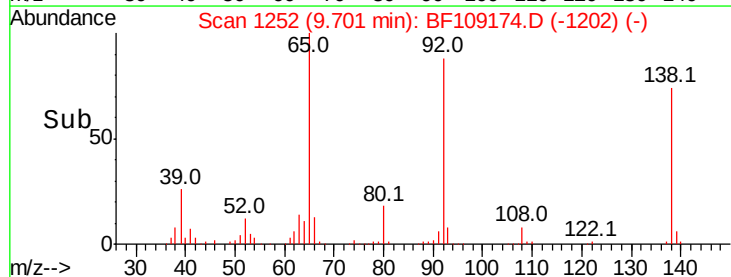
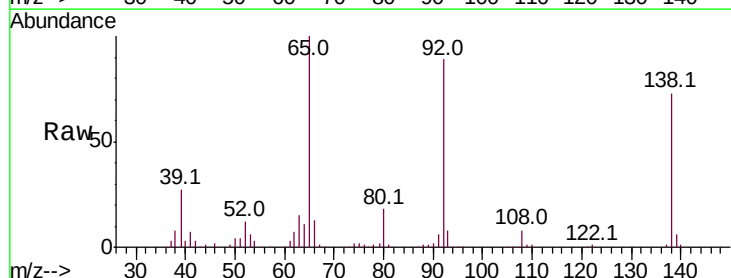
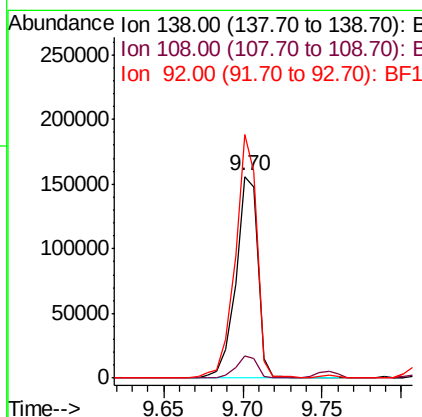
Manual Integrations
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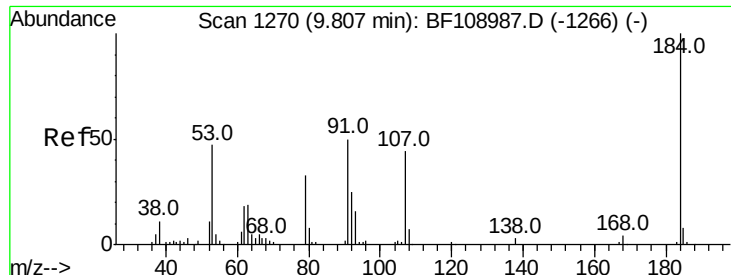
Sohil
9/20/2018 10:06:56 AM



#52
3-Nitroaniline
Concen: 33.310 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	120.9	89.4	134.2





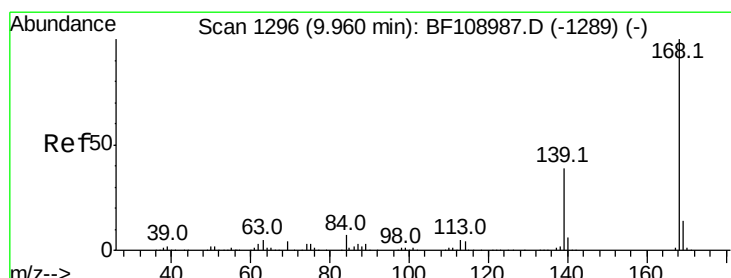
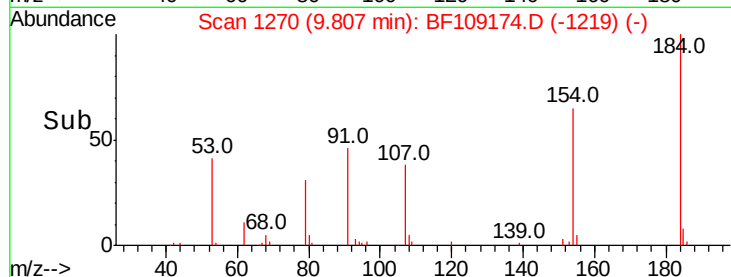
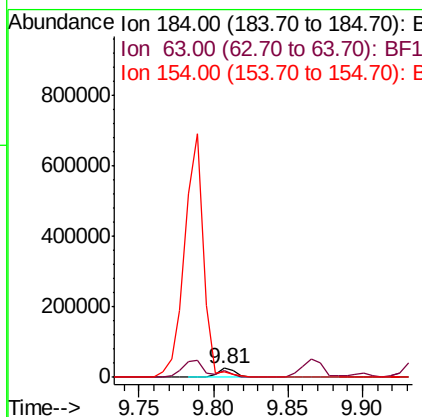
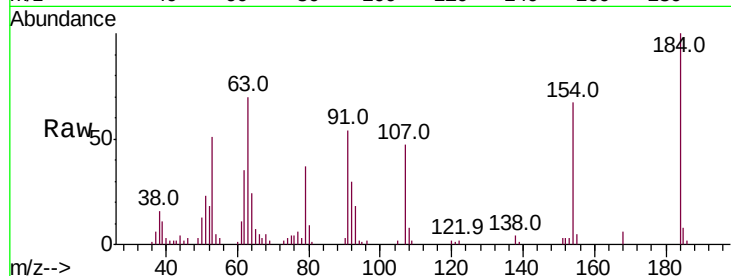
#53
 2,4-Dinitrophenol
 Concen: 15.535 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleID :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	70.2	54.2	81.2	
154	66.9	184.0	276.0	

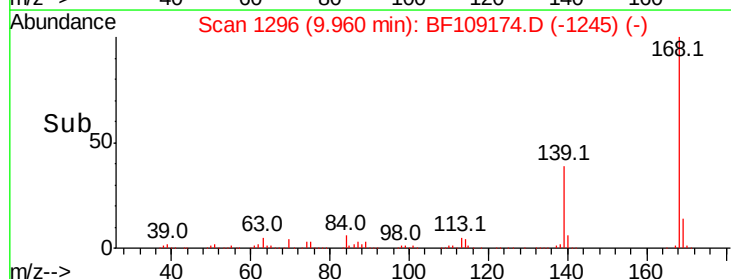
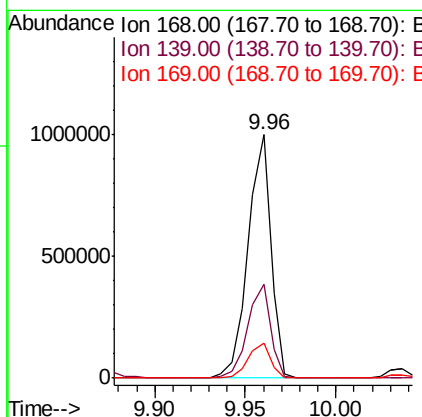
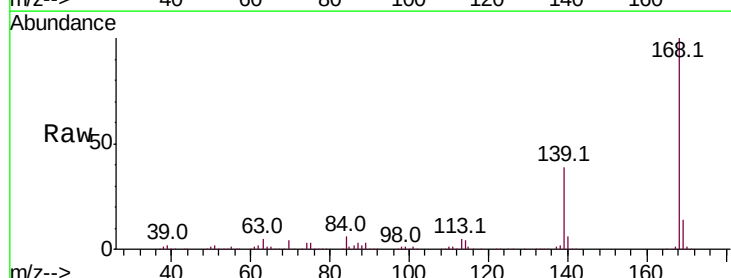
Manual Integrations
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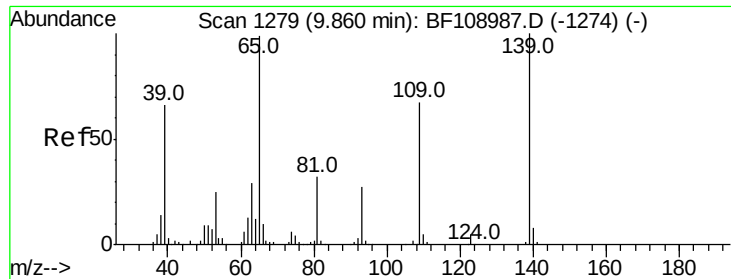
Sohil
 9/20/2018 10:06:56 AM



#54
 Dibenzofuran
 Concen: 41.740 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.6	30.1	45.1	
169	14.3	10.9	16.3	





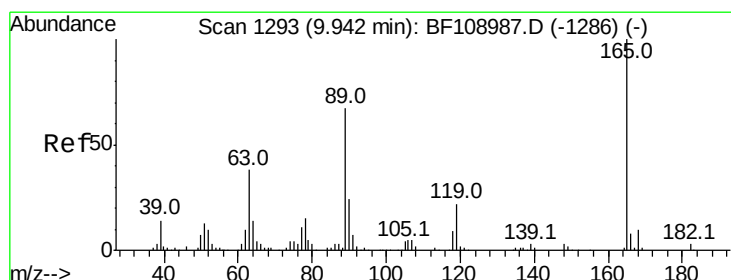
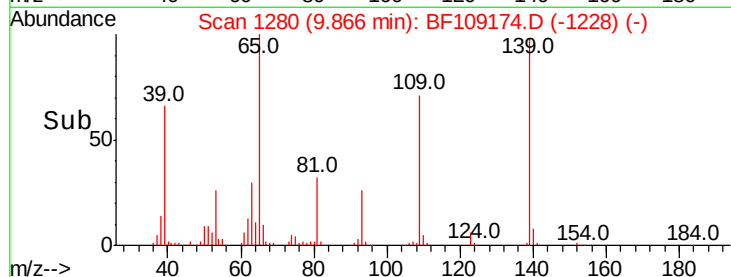
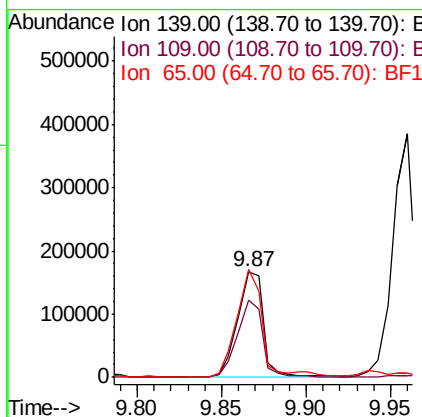
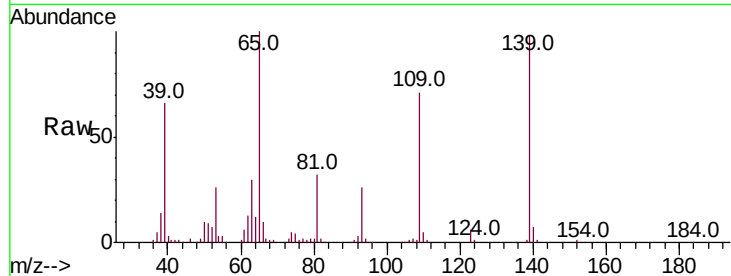
#55
4-Nitrophenol
Concen: 54.282 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.5	48.4	88.4	
65	102.1	72.6	112.6	

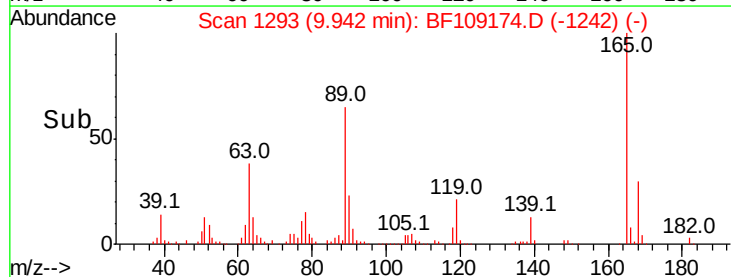
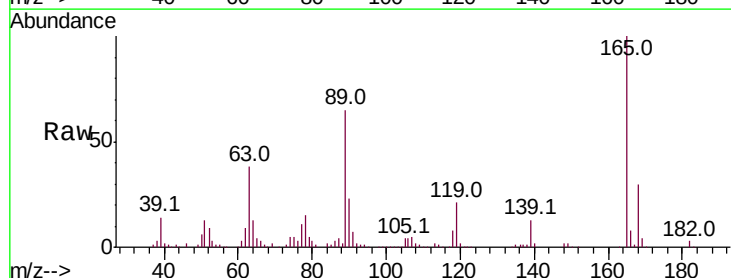
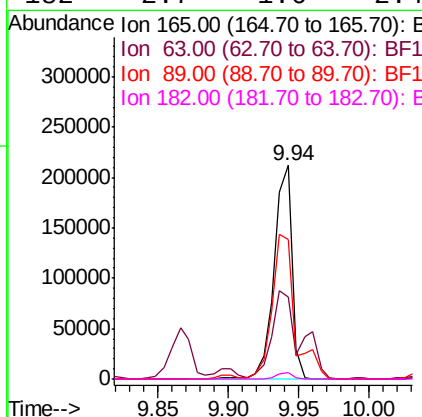
Manual Integrations
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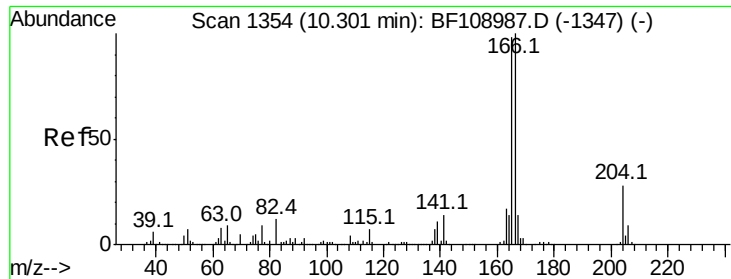
Sohil
9/20/2018 10:06:56 AM



#56
2,4-Dinitrotoluene
Concen: 38.038 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.4	36.4	54.6	
89	65.1	57.8	86.6	
182	2.7	1.6	2.4	





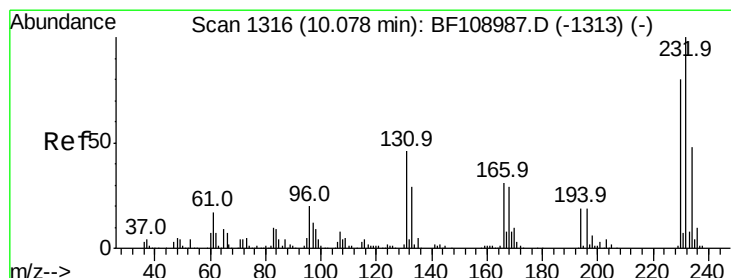
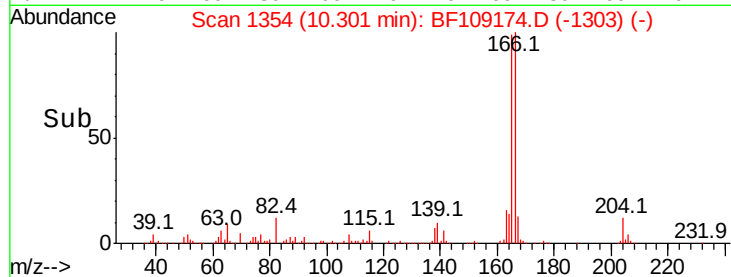
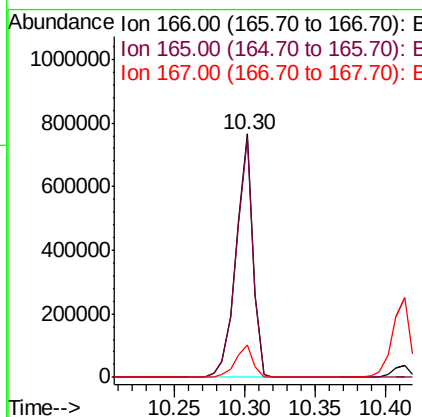
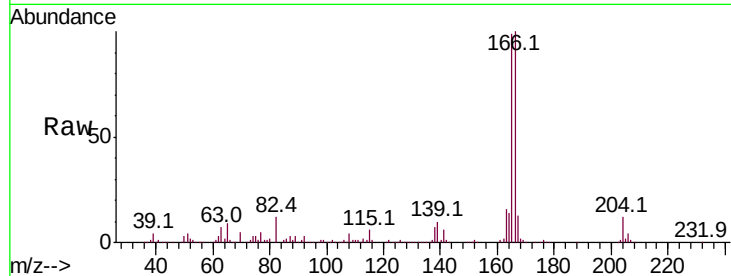
#57
 Fluorene
 Concen: 45.002 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	79.8	119.8	
167	13.4	10.6	16.0	

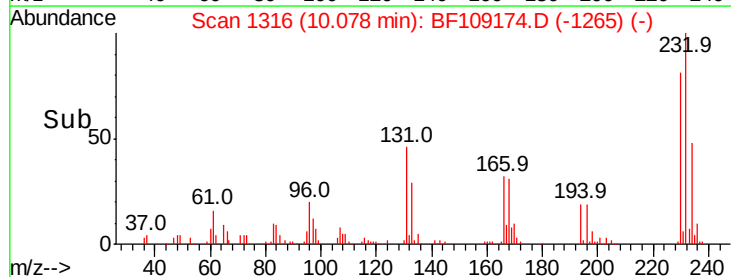
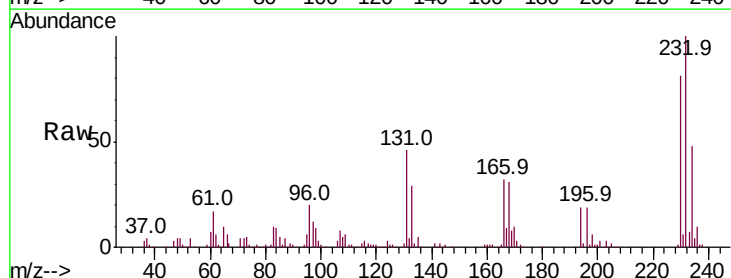
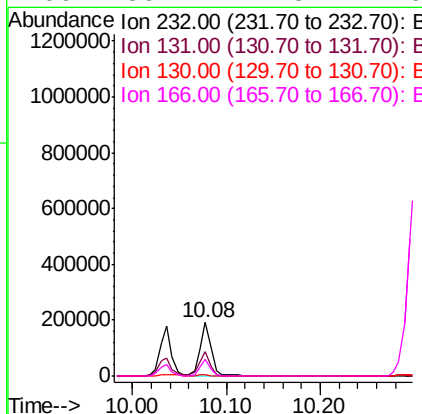
Manual Integrations
 APPROVED

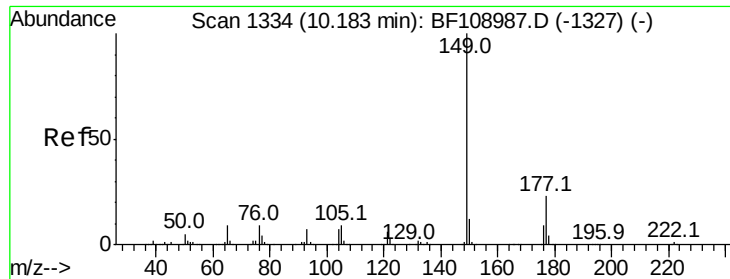
Sohil
 9/20/2018 10:06:56 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.640 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.9	43.8	65.8	
130	2.2	2.1	3.1	
166	30.7	27.8	41.6	





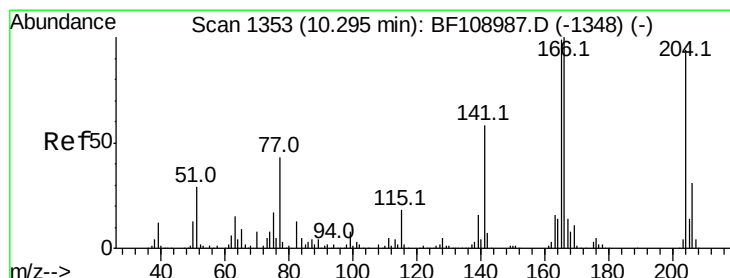
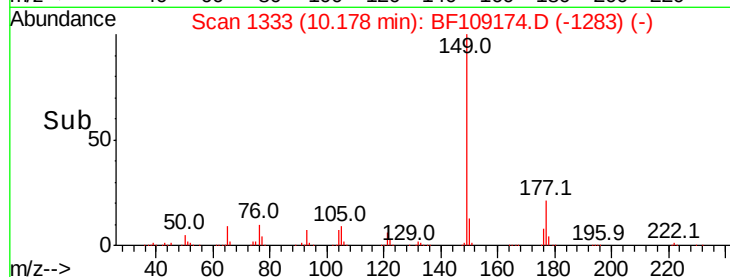
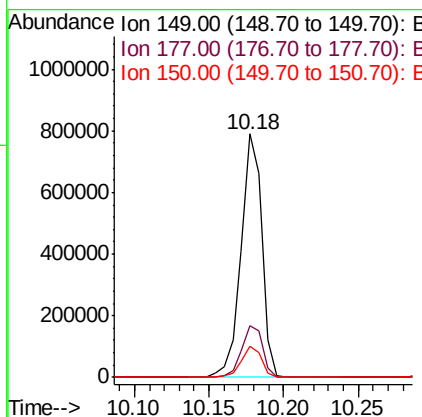
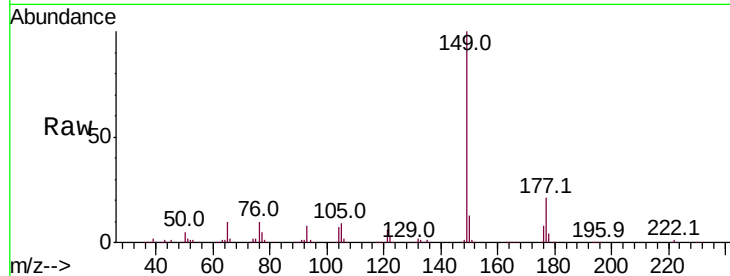
#59
Diethylphthalate
Concen: 43.817 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.9	10.1	15.1

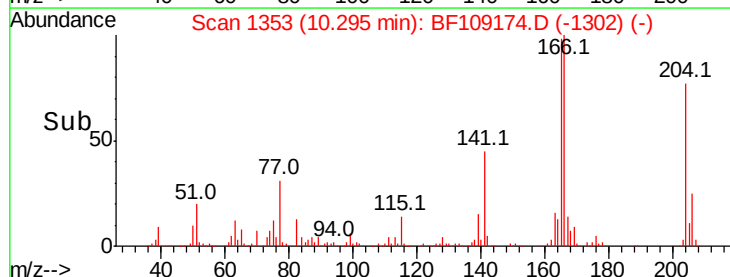
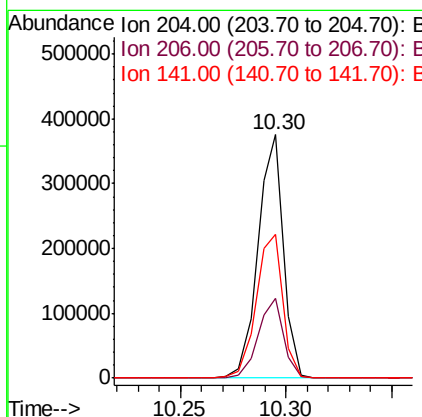
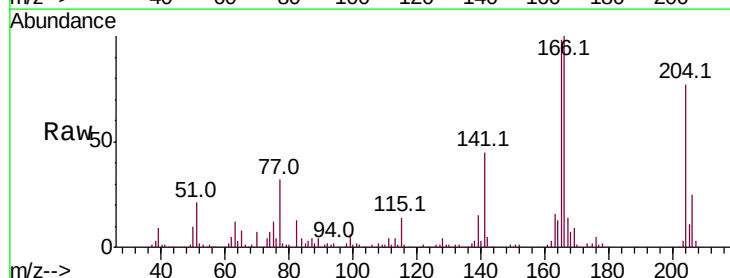
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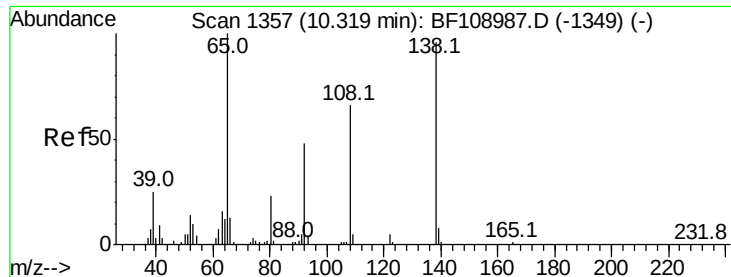
Sohil
9/20/2018 10:06:56 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.990 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	33.0	26.5	39.7
141	59.2	54.6	81.8





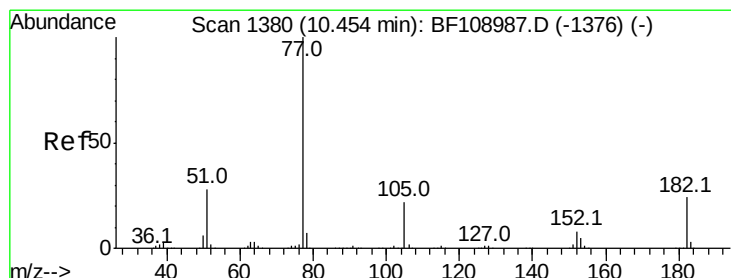
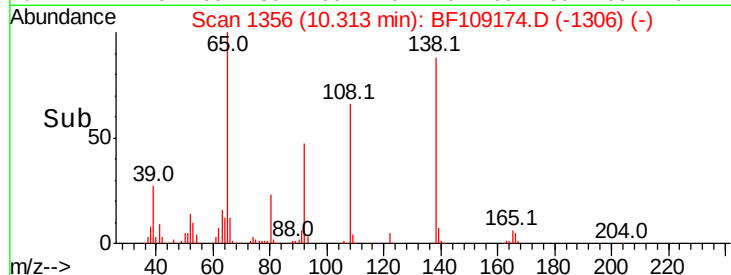
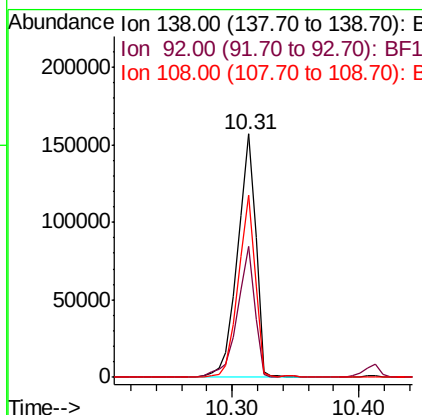
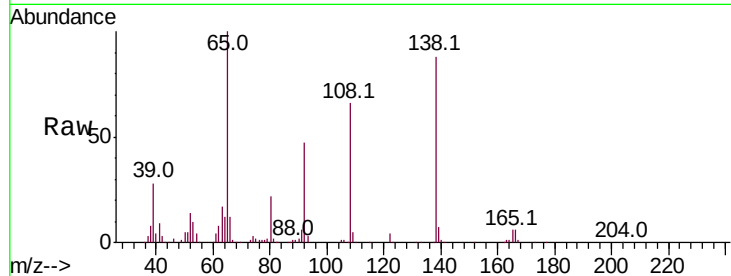
#61
4-Nitroaniline
Concen: 36.207 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.6	30.2	70.2
108	75.0	52.5	92.5

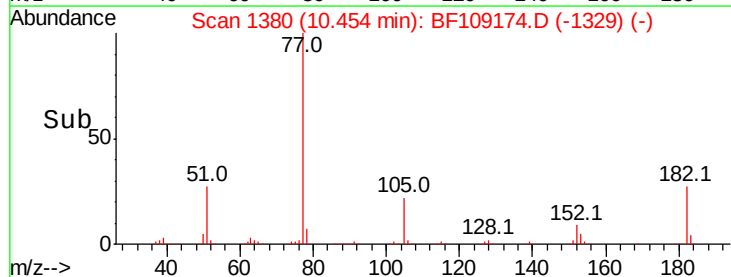
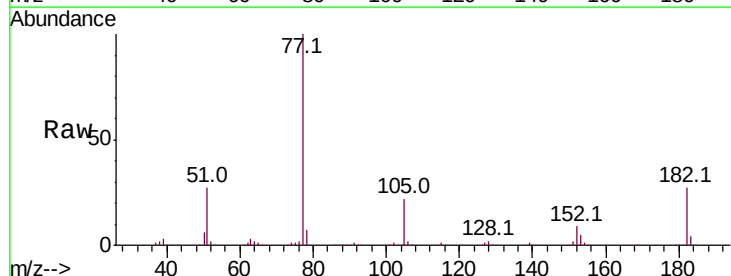
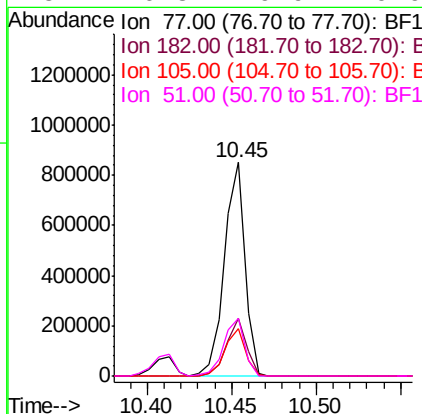
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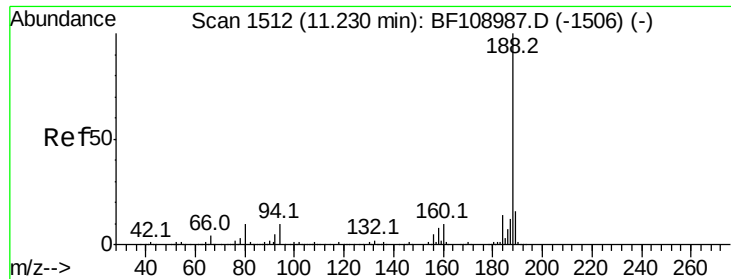
Sohil
9/20/2018 10:06:56 AM



#62
Azobenzene
Concen: 40.516 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.7	41.7
105	22.2	3.0	43.0
51	26.8	9.9	49.9





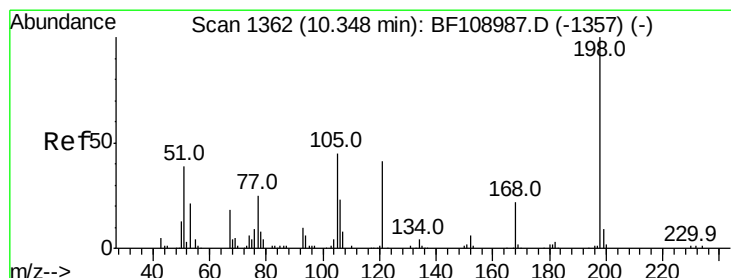
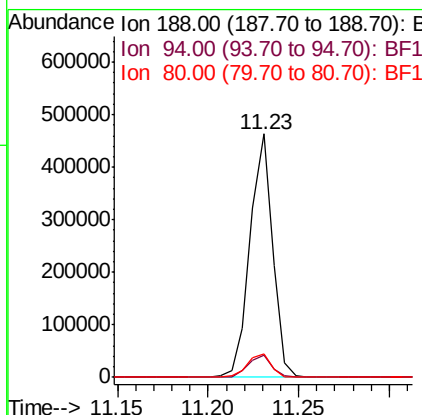
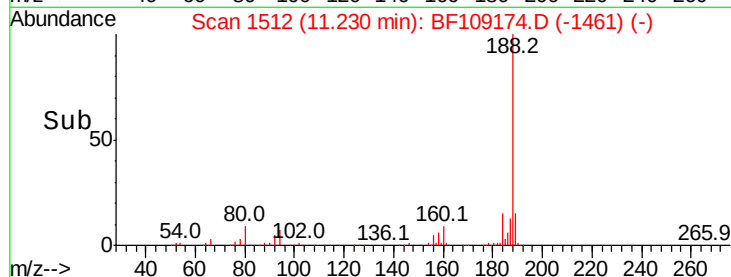
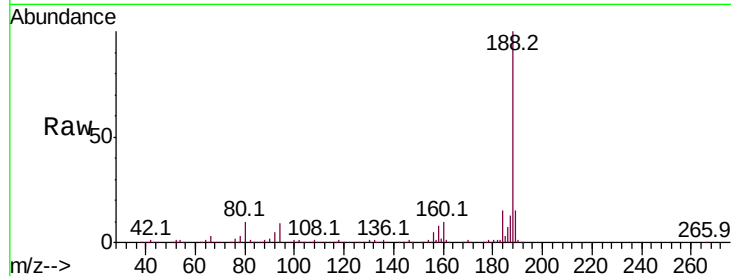
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	402957		
94	9.2		8.5	12.7
80	9.7		9.2	13.8

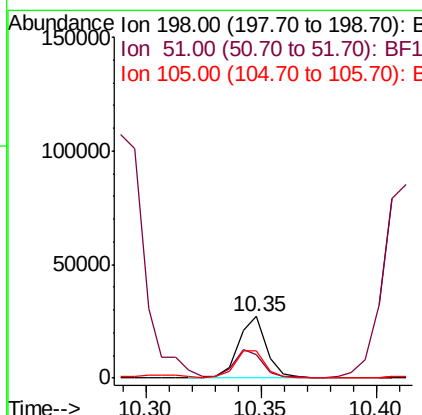
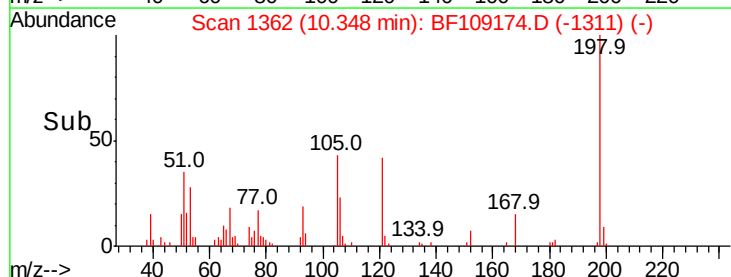
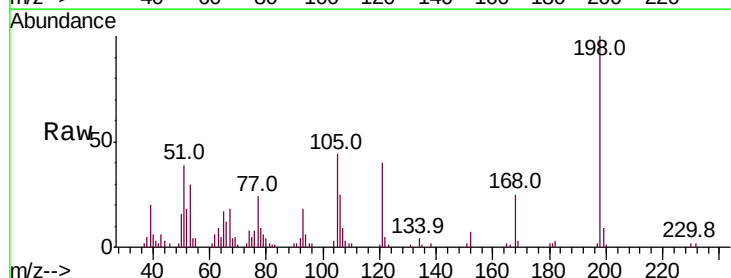
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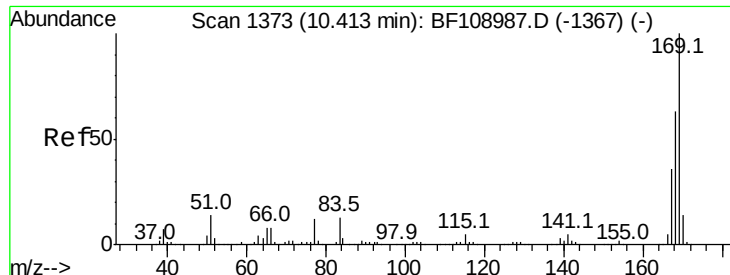
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 11.850 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	22846		
51	39.0		37.7	77.7
105	43.7		36.3	76.3





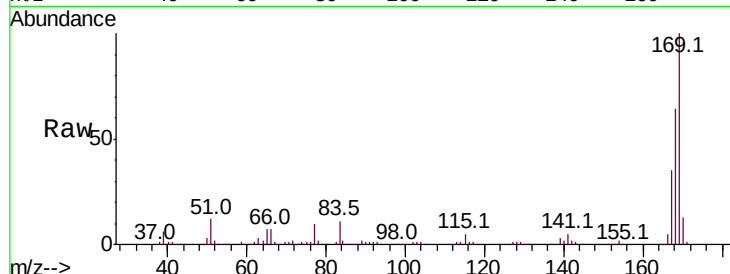
#65
n-Nitrosodiphenylamine
Concen: 46.575 ng
RT: 10.41 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.8	54.4	81.6	
167	34.9	29.8	44.6	

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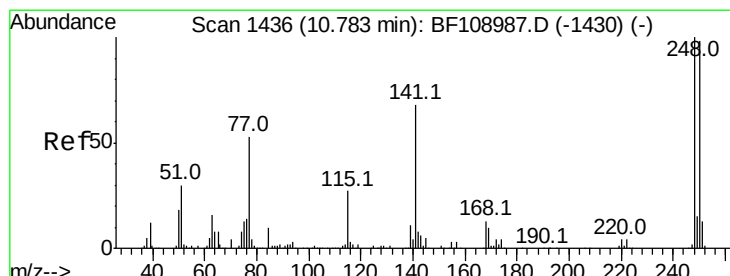
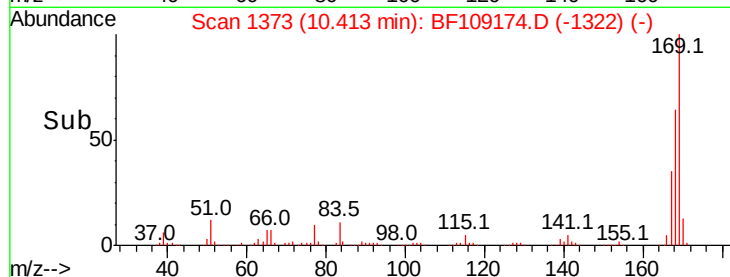
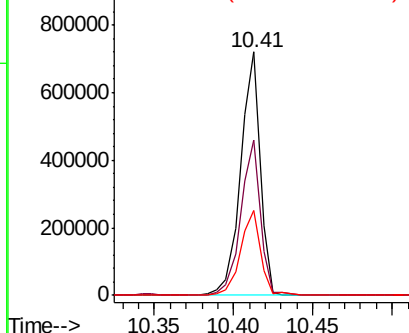


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 45.149 ng
RT: 10.78 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

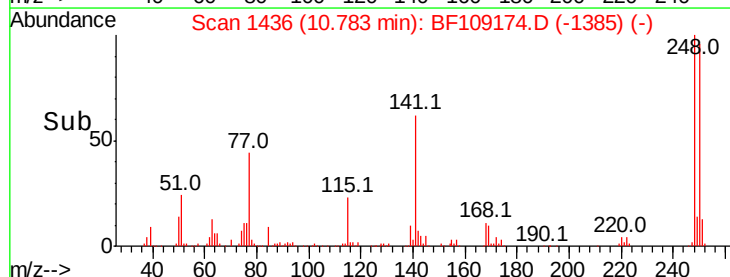
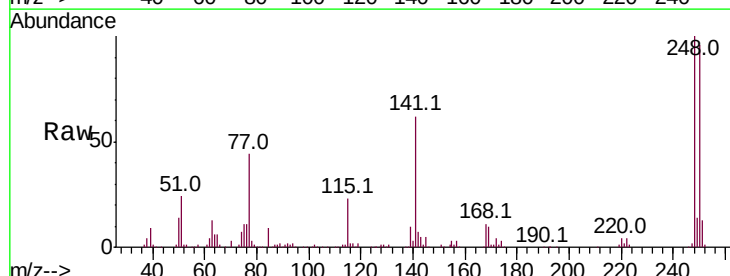
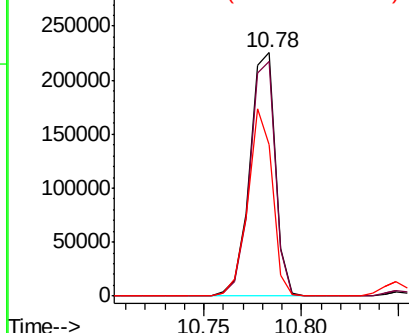
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.1	76.9	115.3	
141	62.0	74.4	111.6	

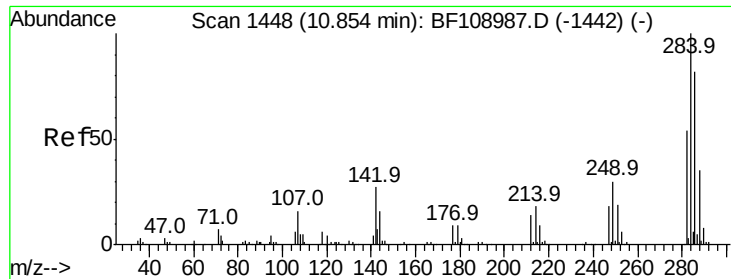
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.713 ng

RT: 10.85 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

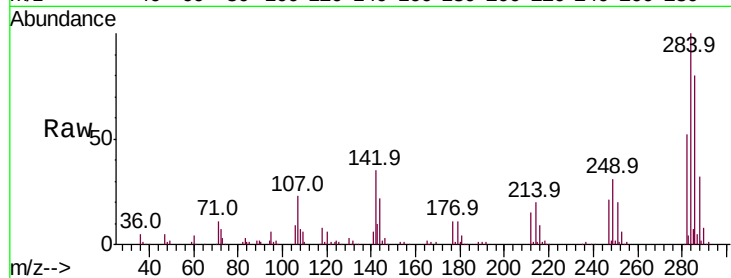
ClientSampleId :

PB112951BSD

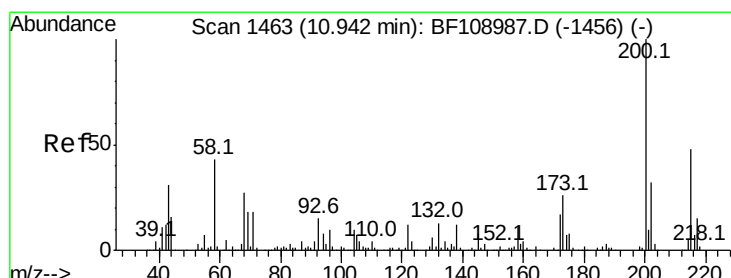
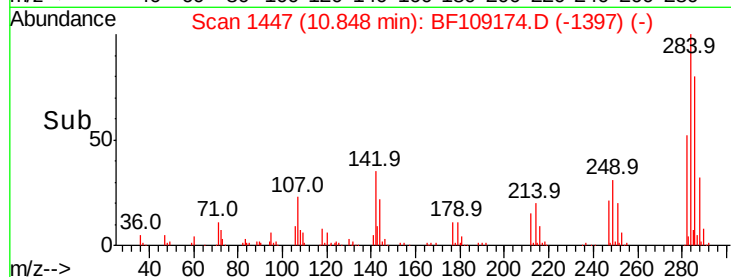
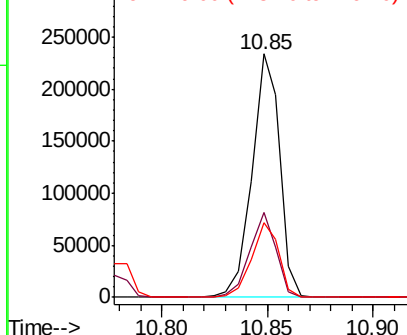
Tot Ion:	284	Resp:	212411
Ion Ratio	Lower	Upper	
284	100		
142	34.7	34.6	52.0
249	30.9	24.8	37.2

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



#68

Atrazine

Concen: 46.289 ng

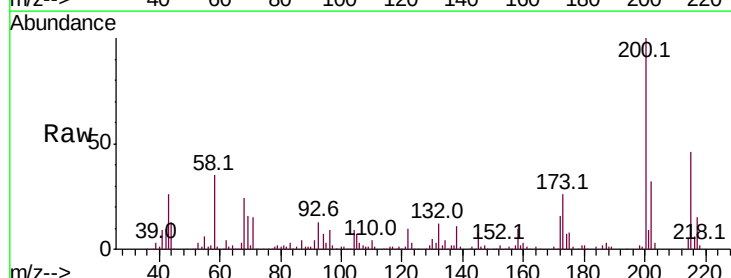
RT: 10.94 min Scan# 1463

Delta R.T. 0.00 min

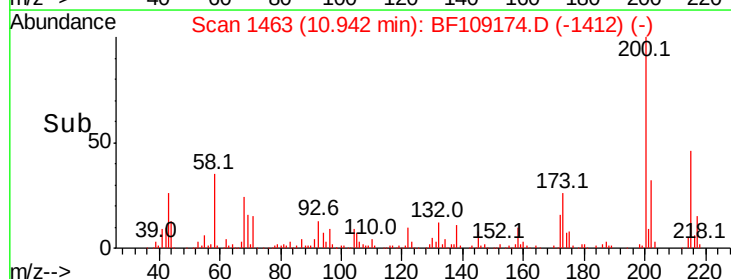
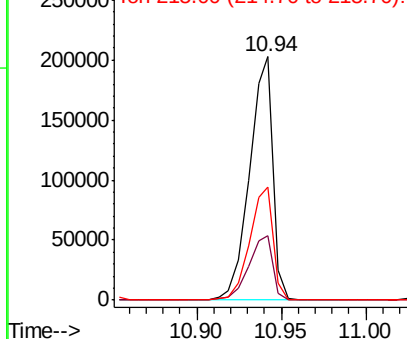
Lab File: BF109174.D

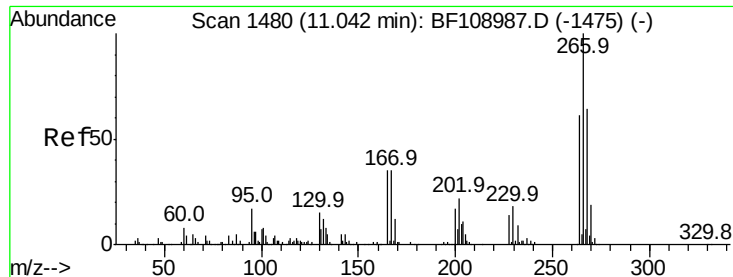
Acq: 20 Sep 2018 5:05

Tgt Ion:	200	Resp:	195313
Ion Ratio	Lower	Upper	
200	100		
173	26.4	8.6	48.6
215	46.3	25.1	65.1



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





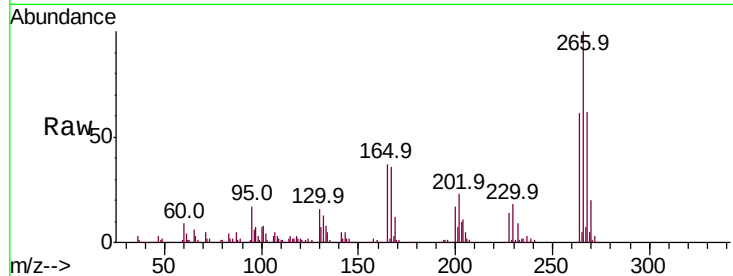
#69
 Pentachlorophenol
 Concen: 48.537 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	150896		
268	61.7	51.1	76.7	
264	61.4	49.5	74.3	

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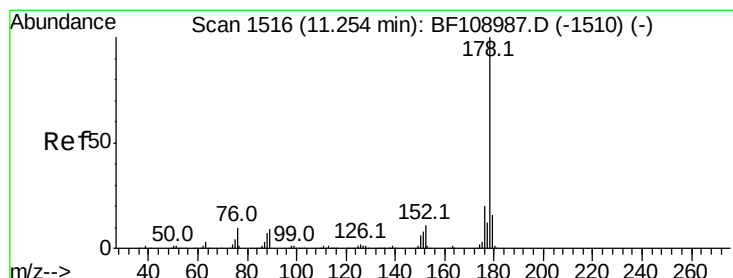
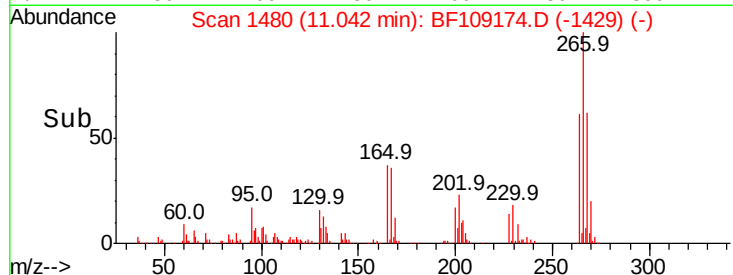
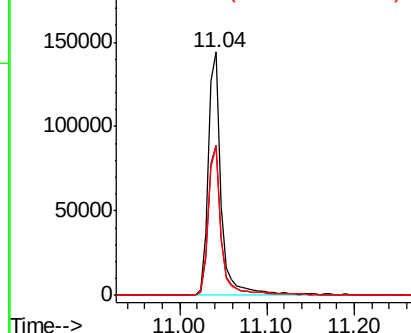


Abundance

Ion 265.70 (265.40 to 266.40): E

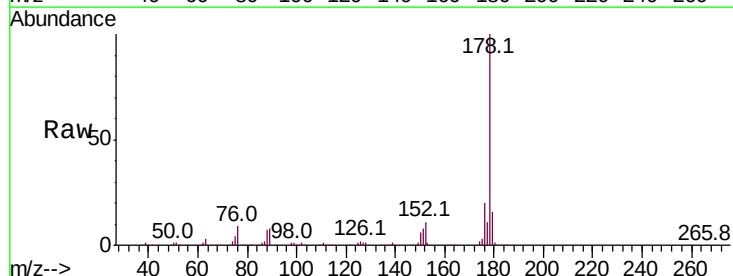
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.361 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	896009		
176	19.7	15.8	23.8	
179	15.6	13.0	19.6	

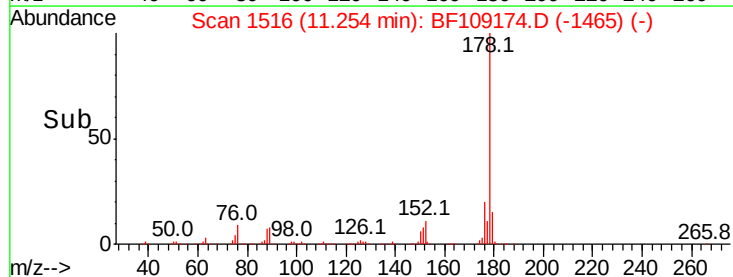
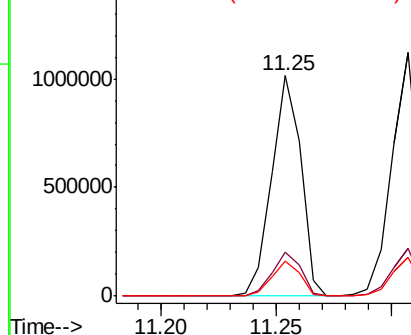


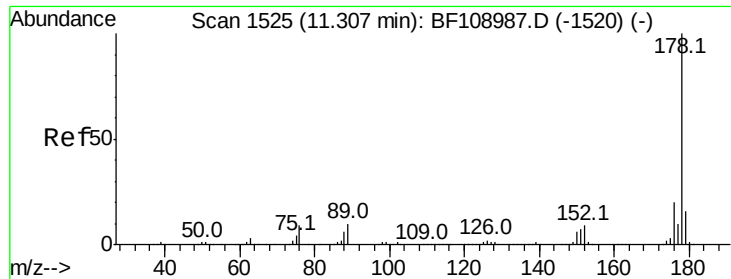
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





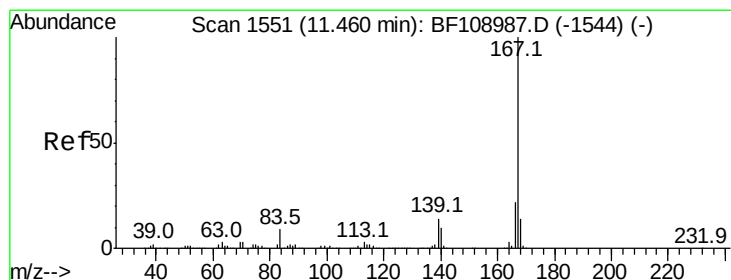
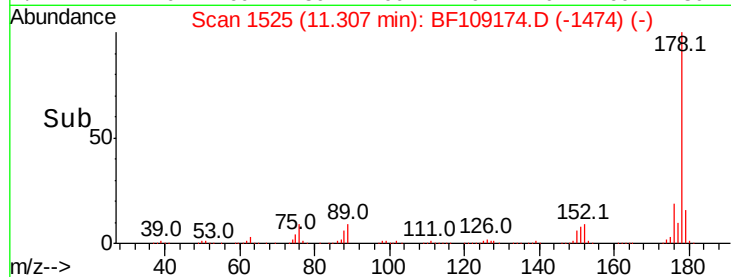
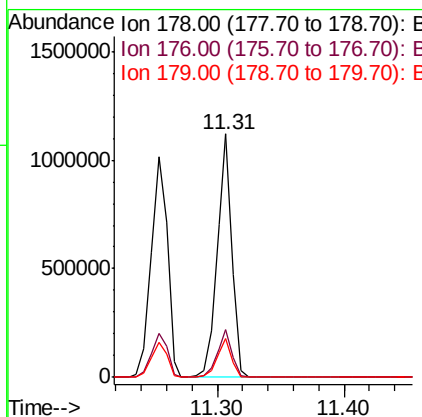
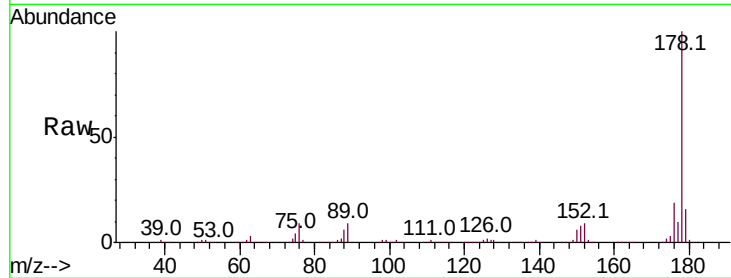
#71
 Anthracene
 Concen: 45.745 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	15.4	23.2	
179	15.9	12.6	19.0	

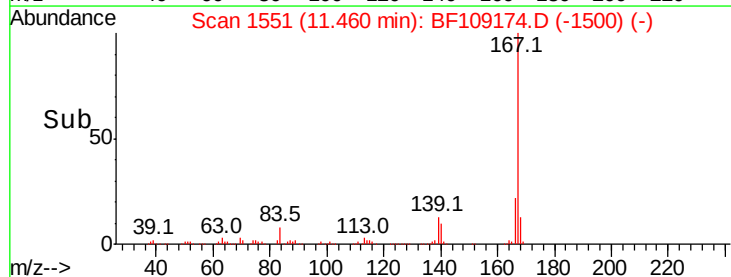
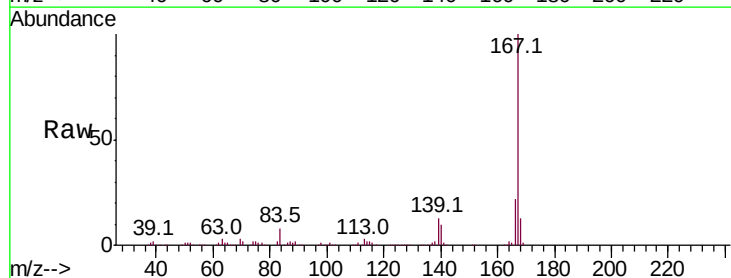
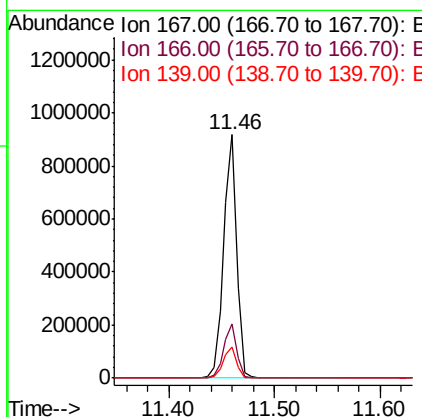
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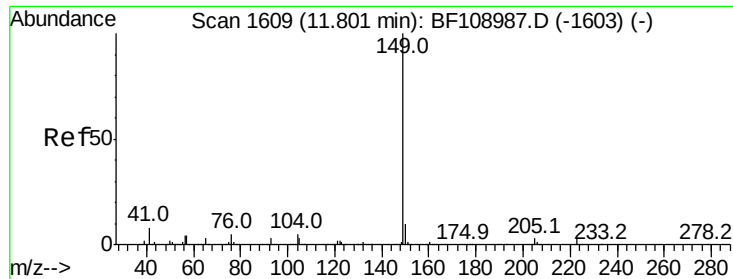
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#72
 Carbazole
 Concen: 40.232 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.1	17.6	26.4	
139	13.0	10.9	16.3	





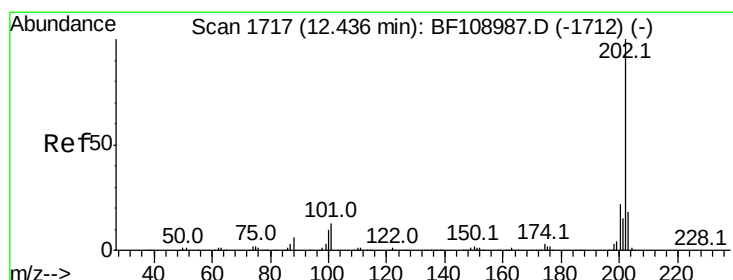
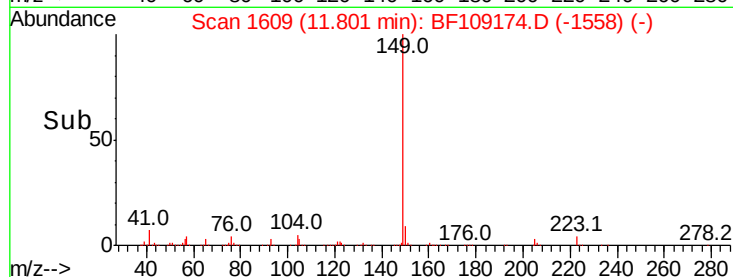
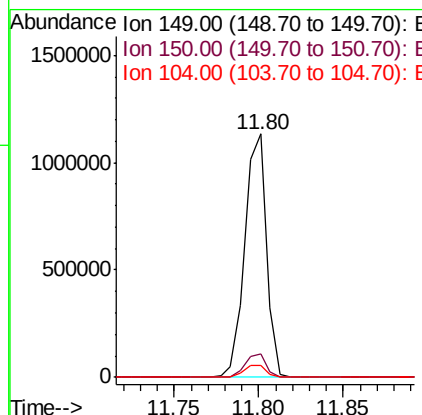
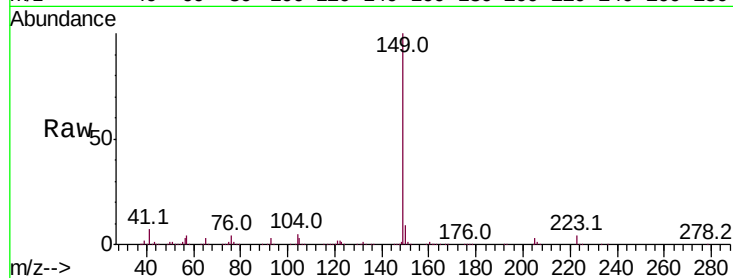
#73
Di-n-butylphthalate
Concen: 43.865 ng
RT: 11.80 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion:149 Resp: 1017772
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.8 3.8 5.8

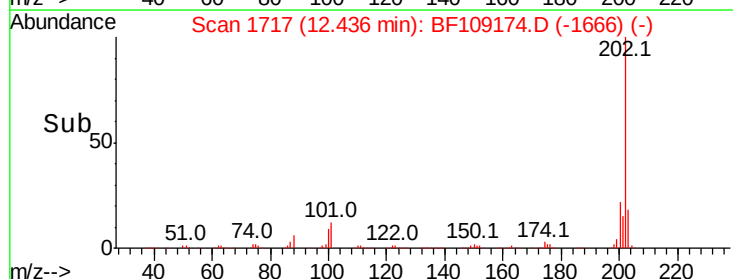
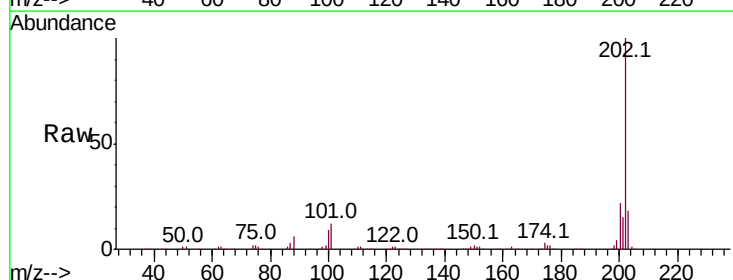
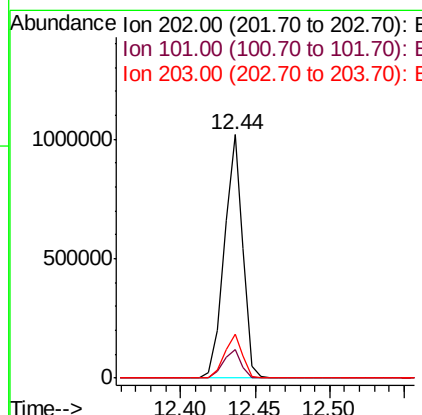
Manual Integrations
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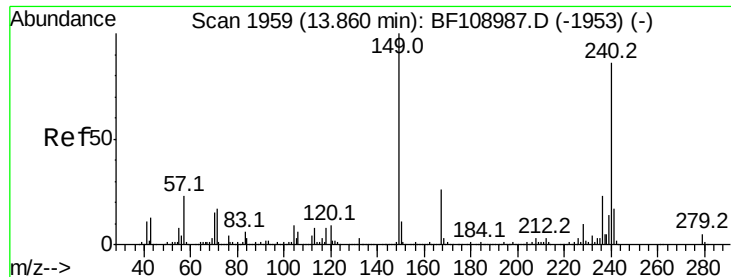
Sohil
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#74
Fluoranthene
Concen: 42.419 ng
RT: 12.44 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion:202 Resp: 884573
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

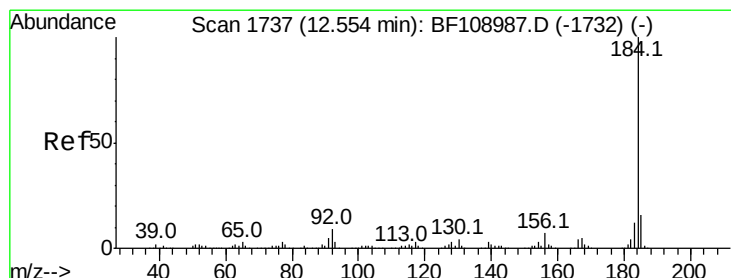
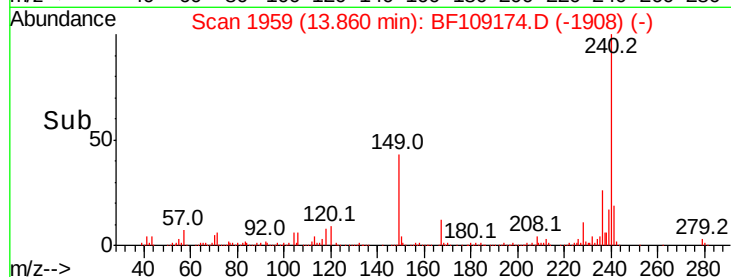
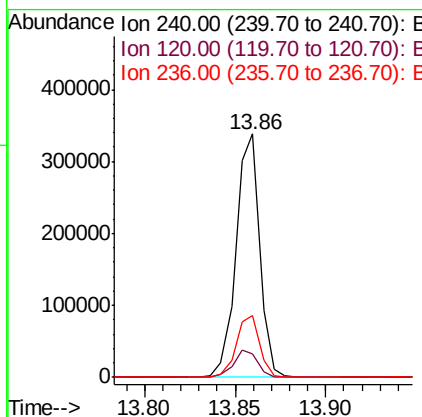
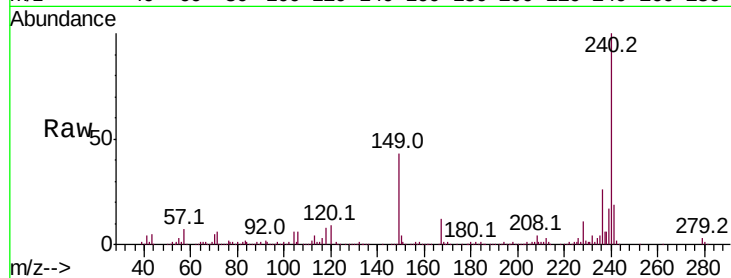
ClientSampleId :

PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.4	9.5	14.3	
236	25.6	20.7	31.1	

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#76

Benzidine

Concen: 25.839 ng

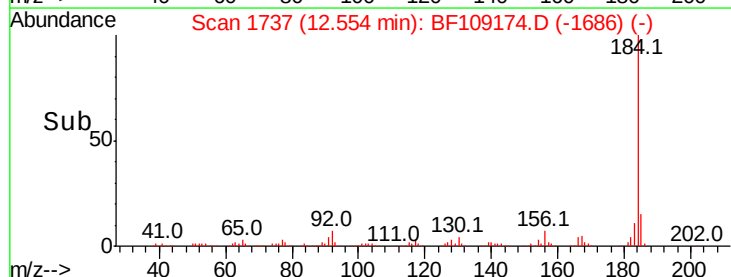
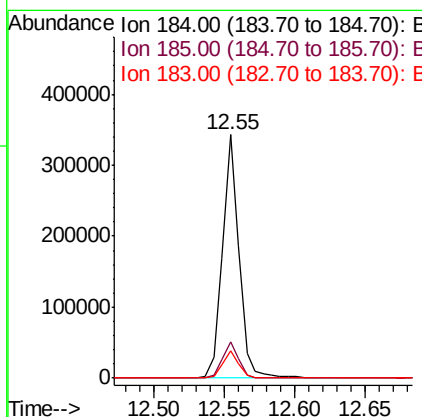
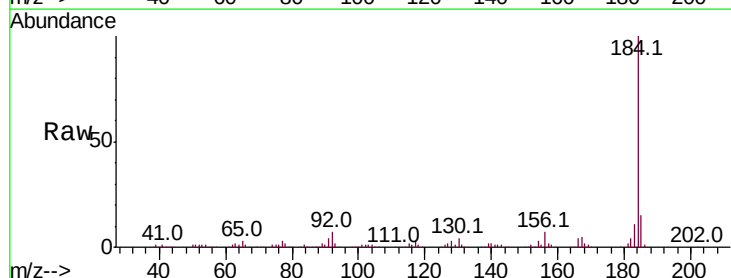
RT: 12.55 min Scan# 1737

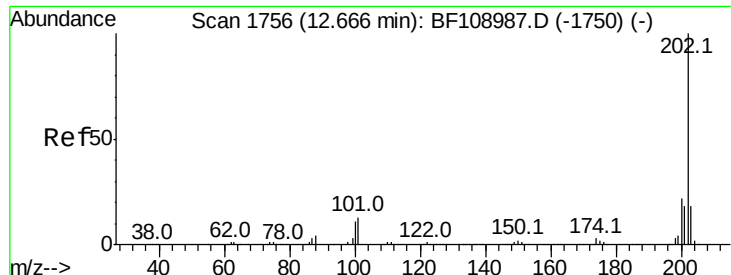
Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	12.6	18.8	
183	11.2	9.3	13.9	





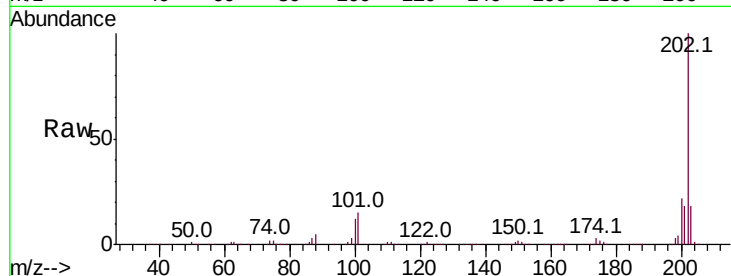
#77
Pvrene
Concen: 39.315 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.9	17.4	26.2	
203	17.6	14.3	21.5	

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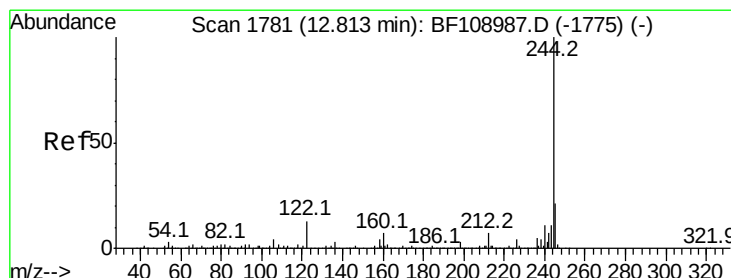
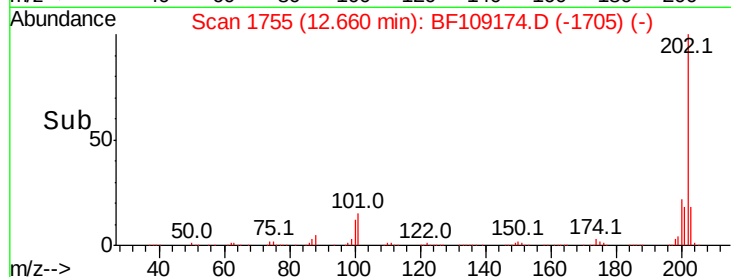
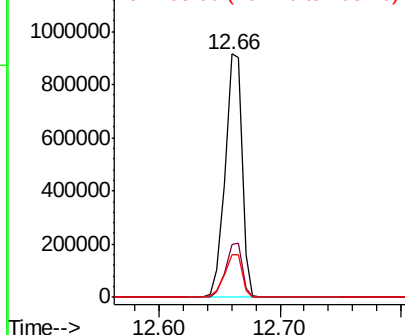


Abundance

Ion 202.00 (201.70 to 202.70): E

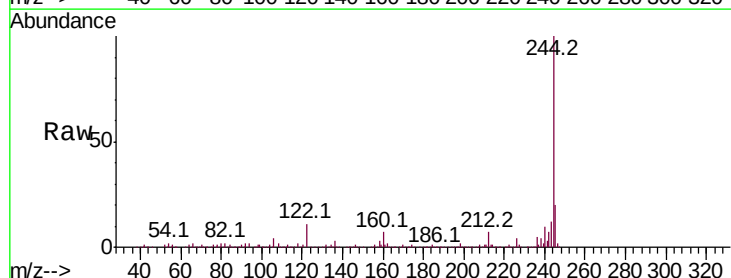
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 96.604 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	5.4	8.0	
122	11.2	11.0	16.4	

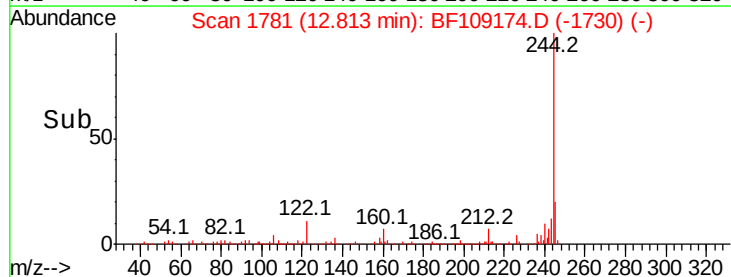
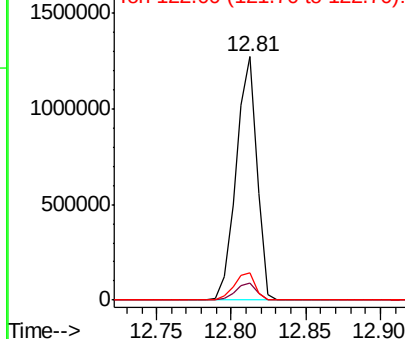


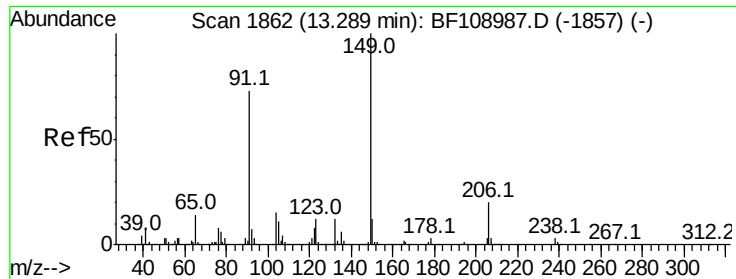
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





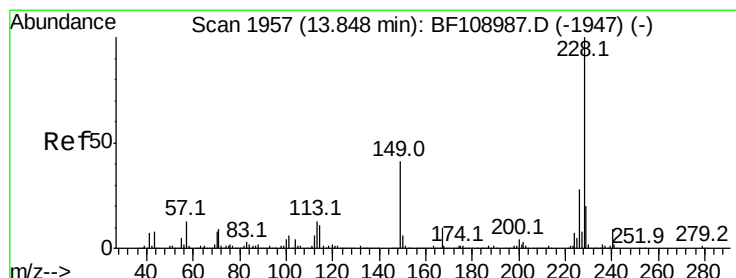
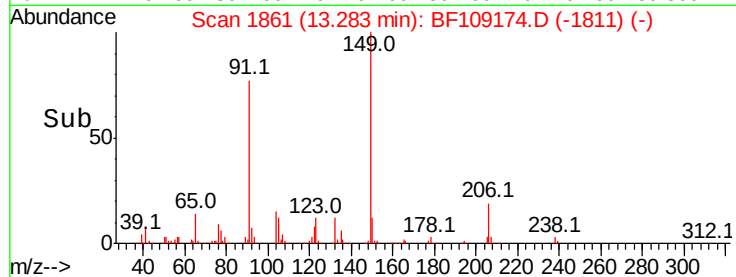
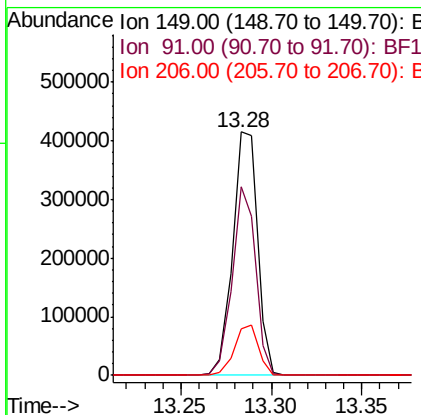
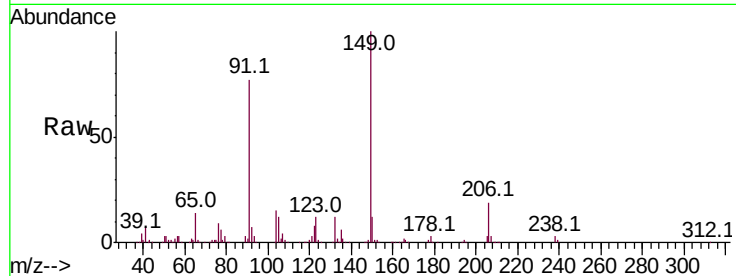
#79
 Butylbenzylphthalate
 Concen: 39.173 ng
 RT: 13.28 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	397134		
91	77.5	56.8	85.2	
206	19.0	14.1	21.1	

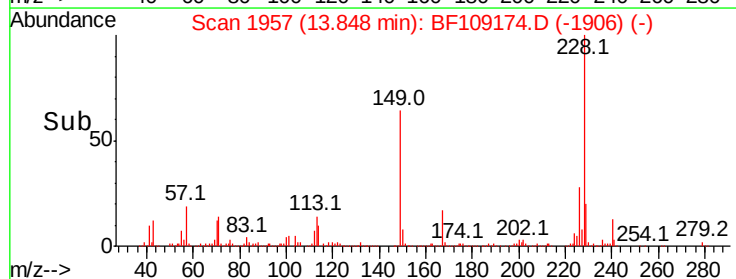
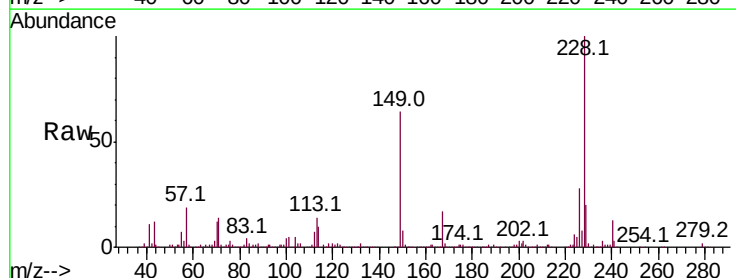
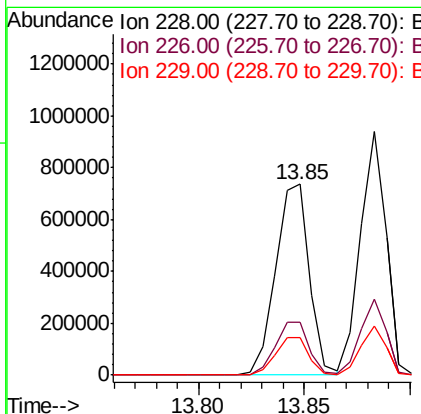
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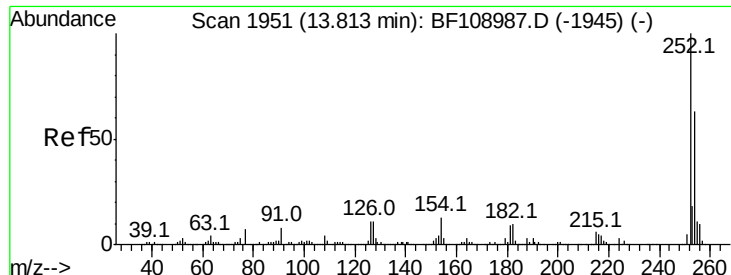
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#80
 Benzo(a)anthracene
 Concen: 44.219 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	818091		
226	27.8	22.6	33.8	
229	19.7	15.8	23.6	





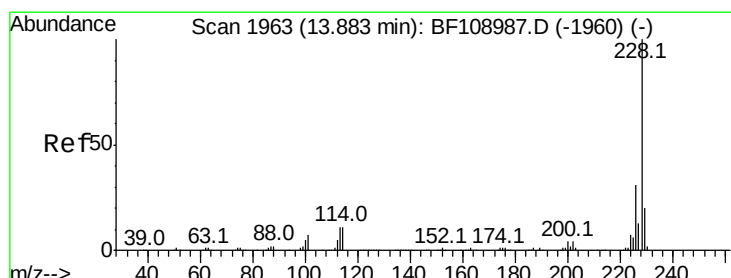
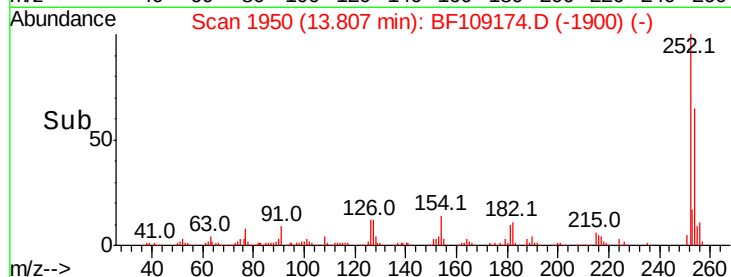
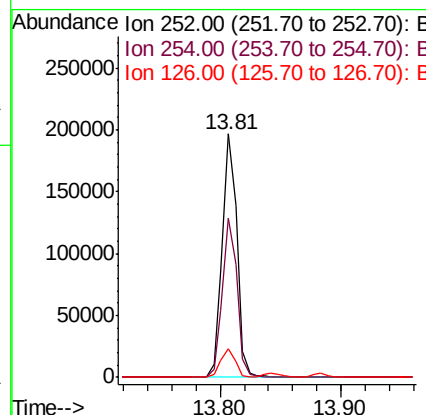
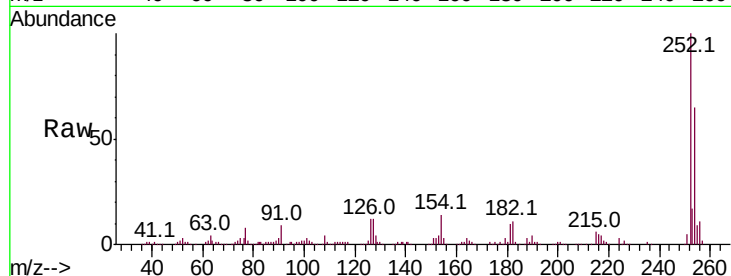
#81
 3,3'-Dichlorobenzidine
 Concen: 21.878 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	163337		
254	65.3	50.4	75.6	
126	11.9	11.3	16.9	

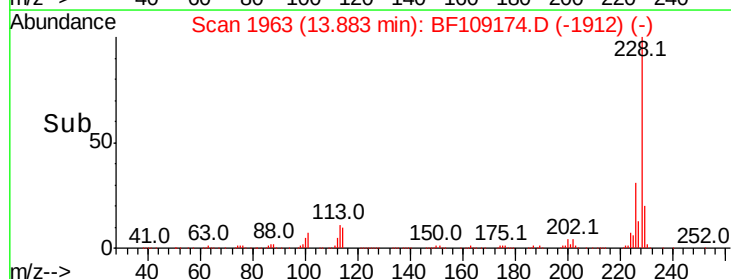
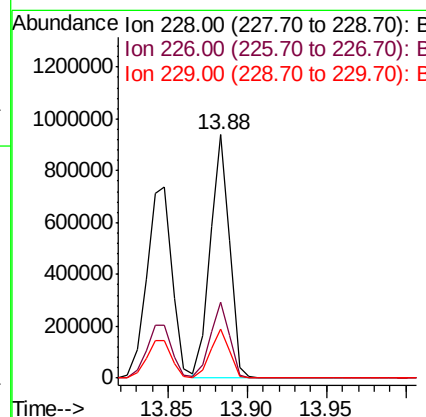
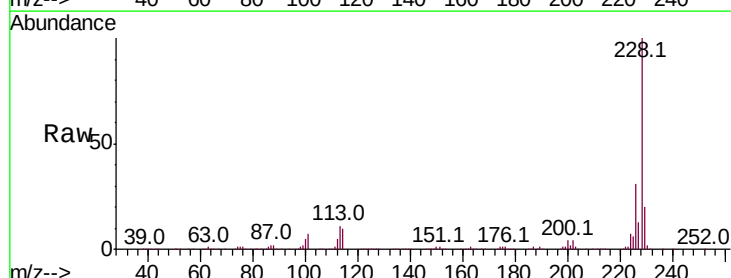
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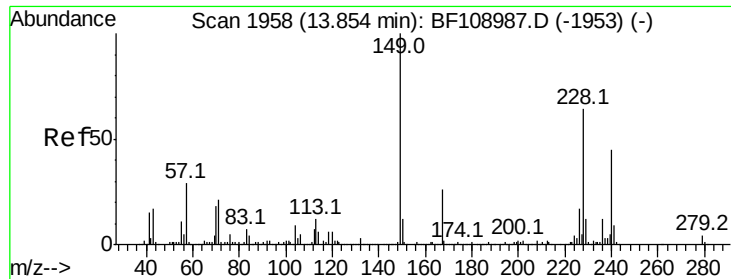
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#82
 Chrysene
 Concen: 43.340 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	802235		
226	31.1	25.0	37.6	
229	20.2	16.2	24.4	





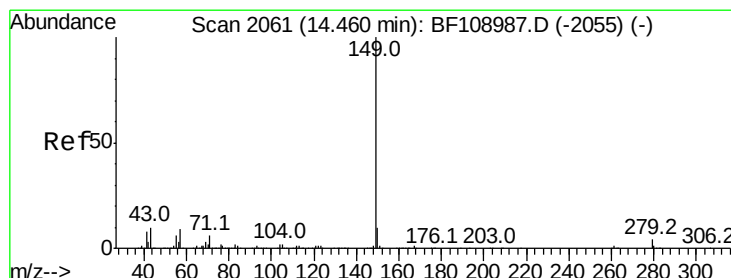
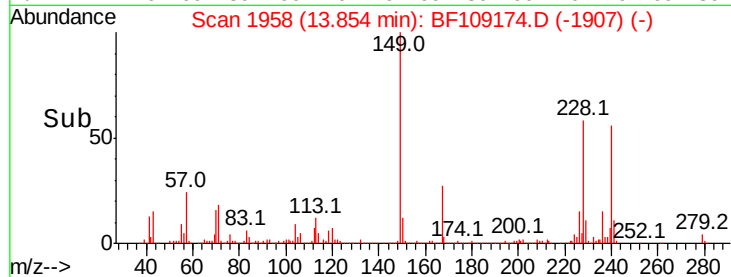
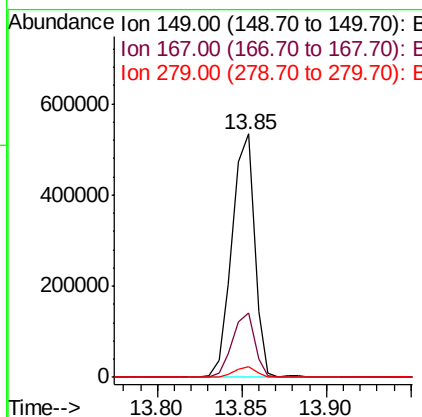
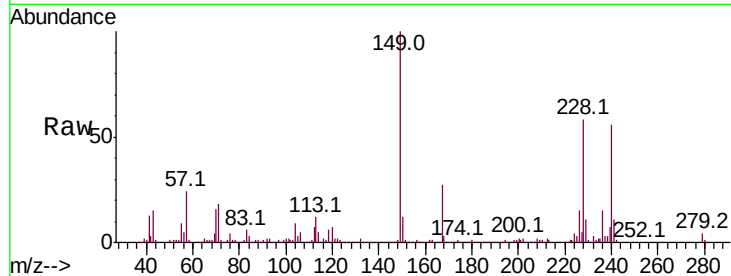
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.673 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion:	149	Resp:	499271
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.3	31.9
279	4.2	3.0	4.4

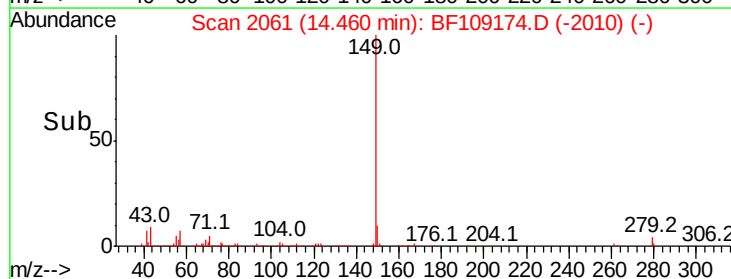
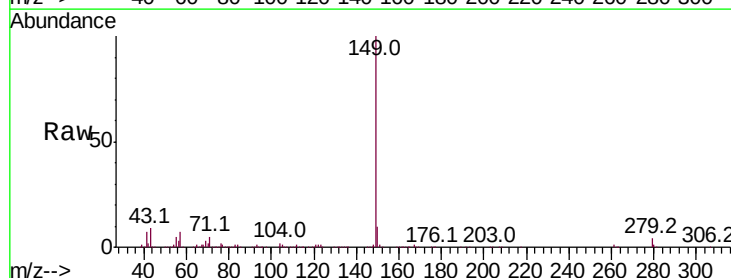
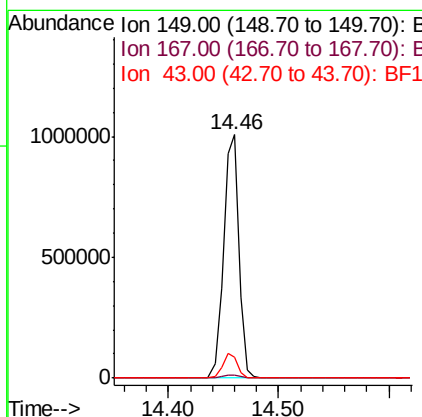
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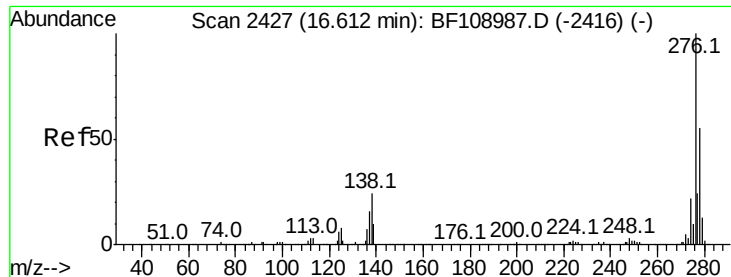
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#84
 Di-n-octyl phthalate
 Concen: 46.718 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:	149	Resp:	972576
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





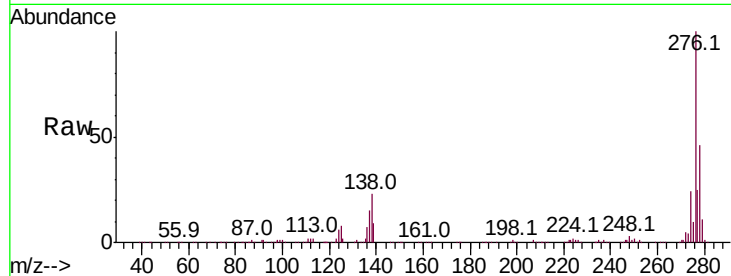
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.187 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

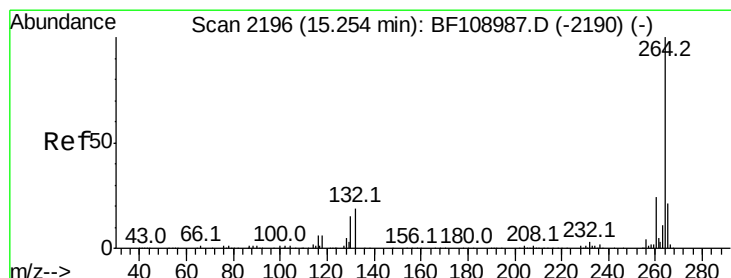
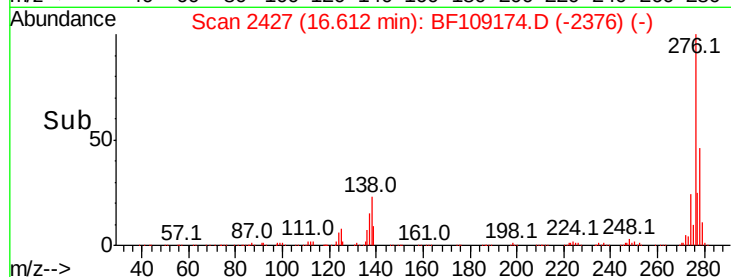
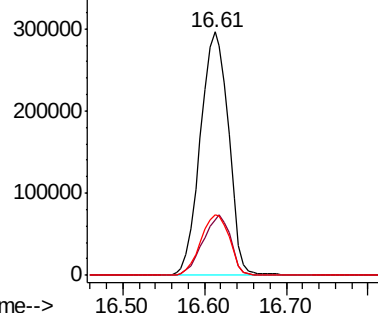
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	25.3	20.1	30.1

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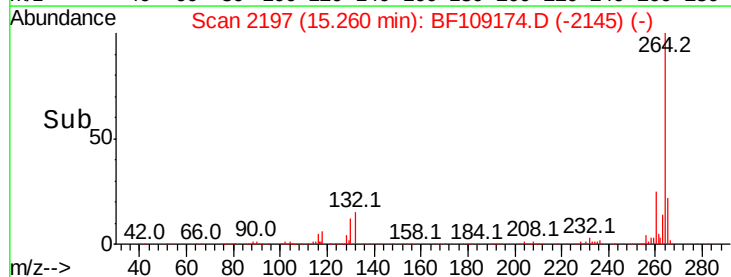
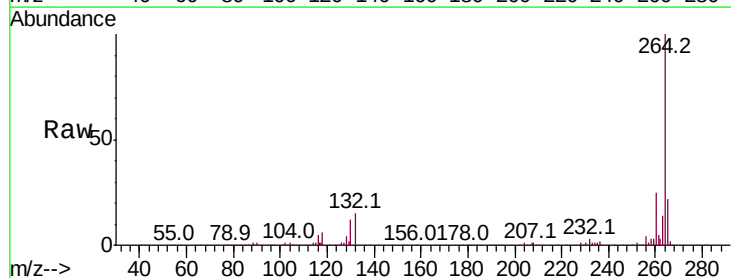
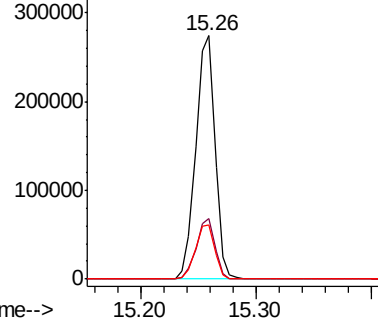
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

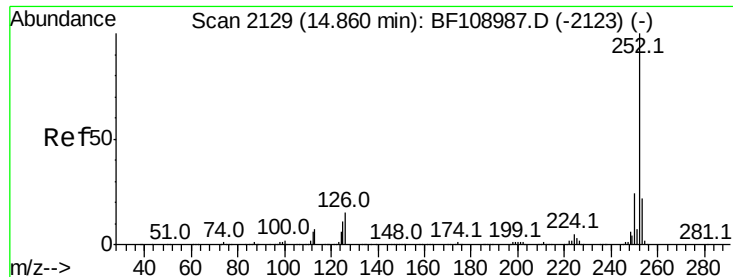


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.1	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.260 ng

RT: 14.86 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

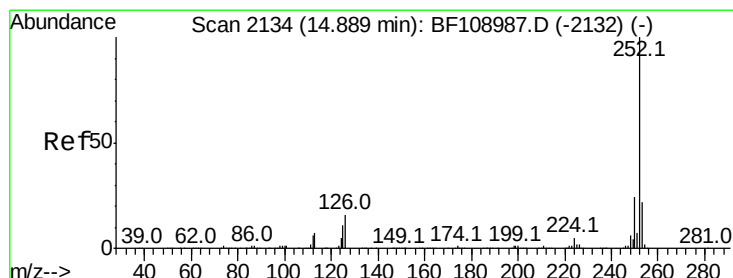
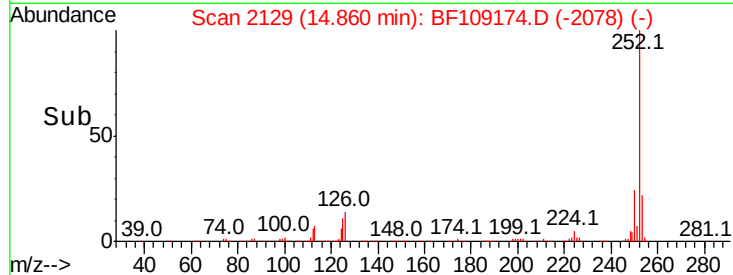
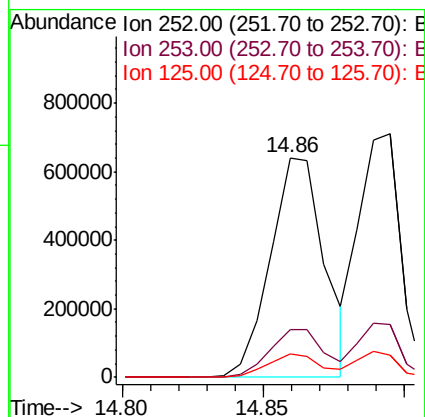
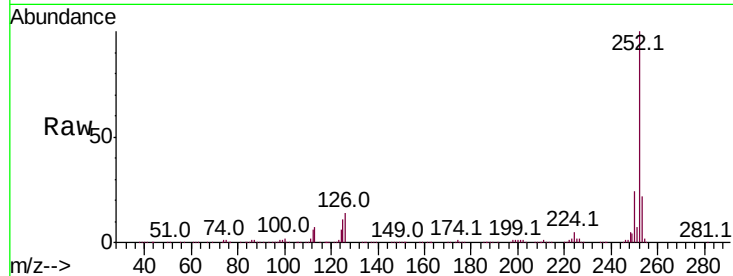
Instrument :
BNA_F

ClientSampleId :
PB112951BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.6	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 44.249 ng m

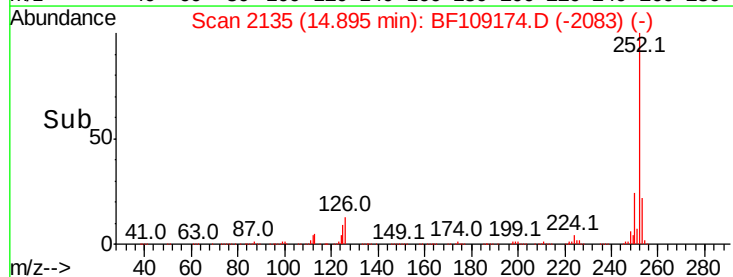
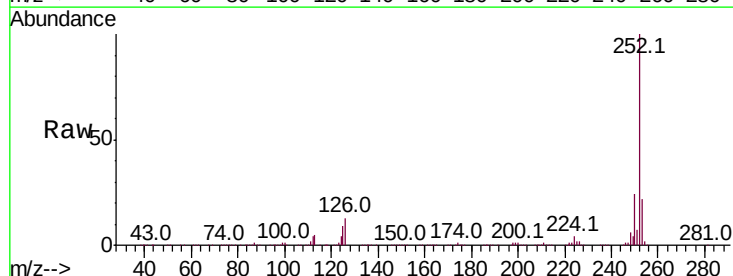
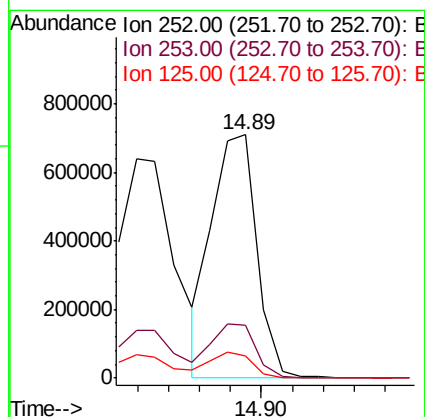
RT: 14.89 min Scan# 2135

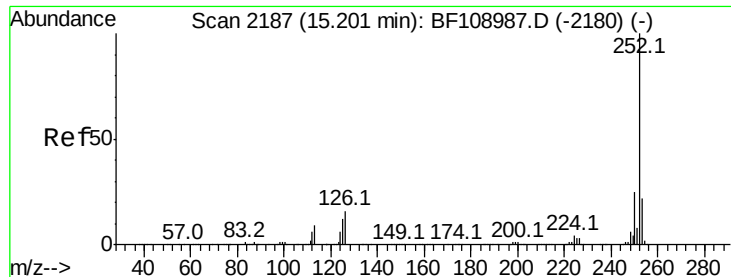
Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.9	26.9
125	8.9	10.2	15.2#





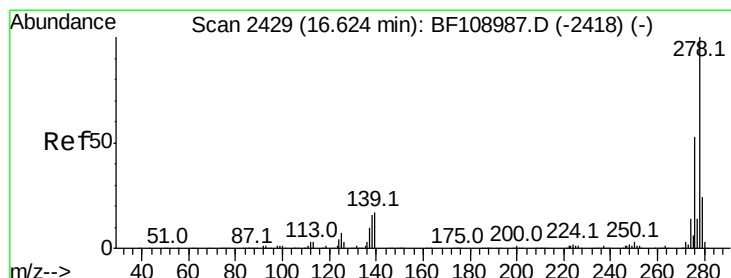
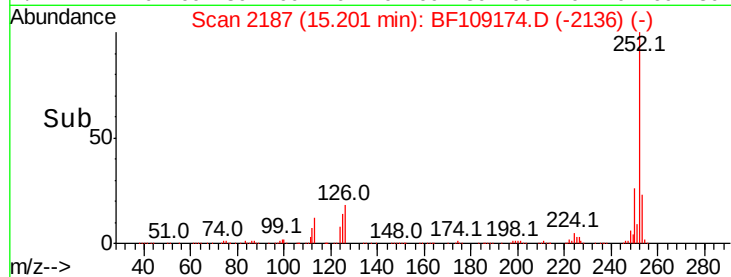
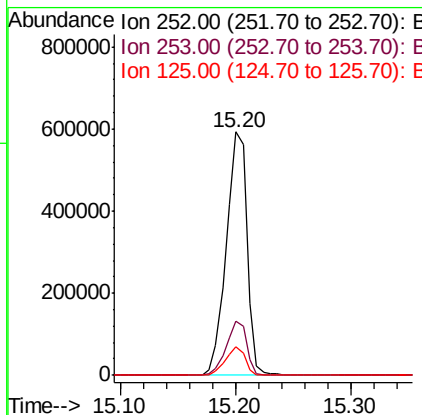
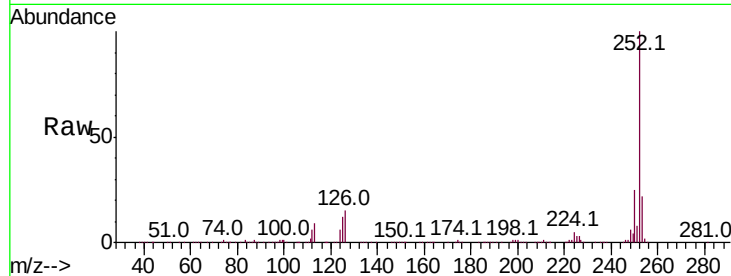
#89
Benzo(a)pyrene
Concen: 47.318 ng
RT: 15.20 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

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

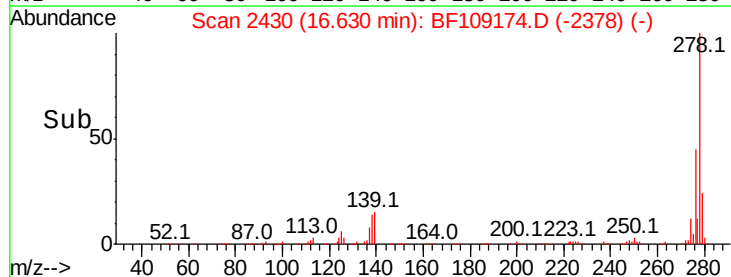
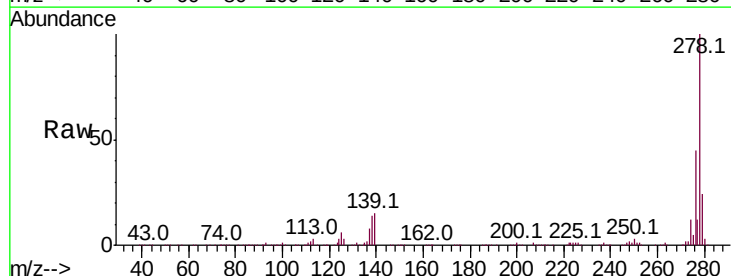
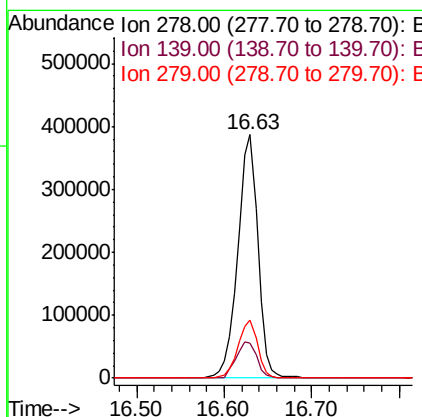
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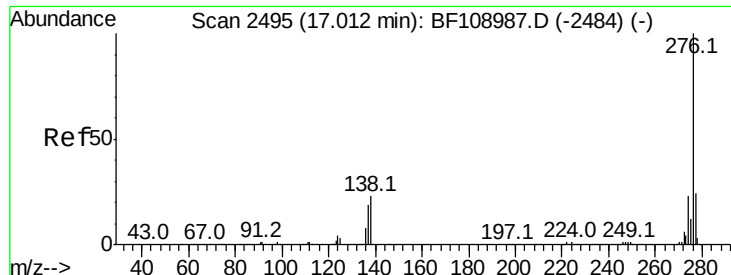
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#90
Dibenzo(a,h)anthracene
Concen: 45.376 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.9	23.9#
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.788 ng
 RT: 17.02 min Scan# 2496
 Delta R.T. 0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tot Ion:	276	Resp:	575804
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	20.6	21.8	32.8

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