

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109093.D
 Acq On : 18 Sep 2018 14:12
 Operator : JU/SJ
 Sample : PB112950BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Manual Integrations
 APPROVED

Sohil
 9/18/2018 6:19:09 PM

Quant Time: Sep 18 14:43:03 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	146853	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	608514	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287320	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	548969	20.00	ng	0.00
75) Chrysene-d12	13.86	240	338459	20.00	ng	0.00
86) Perylene-d12	15.26	264	361436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	924237	104.53	ng	0.02
7) Phenol-d6	6.37	99	1182100	103.68	ng	0.00
23) Nitrobenzene-d5	7.28	82	740819	68.28	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	299191	95.95	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1357261	74.01	ng	0.00
78) Terphenyl-d14	12.81	244	1216210	85.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	150855	35.842	ng	92
3) Pyridine	3.19	79	395545	35.452	ng	90
4) n-Nitrosodimethylamine	3.11	42	194496	46.157	ng	93
6) Aniline	6.38	93	436387	29.613	ng	# 84
8) 2-Chlorophenol	6.51	128	412939	41.733	ng	100
9) Benzaldehyde	6.27	77	208226	28.596	ng	96
10) Phenol	6.38	94	495543	38.628	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	404811	40.110	ng	97
12) 1,3-Dichlorobenzene	6.67	146	436859	38.606	ng	98
13) 1,4-Dichlorobenzene	6.74	146	440348	38.790	ng	100
14) 1,2-Dichlorobenzene	6.90	146	411703	39.119	ng	97
15) Benzyl Alcohol	6.87	79	362797	41.915	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	578483	40.005	ng	96
17) 2-Methylphenol	6.98	107	340616	42.193	ng	97
18) Hexachloroethane	7.24	117	163973	39.770	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	294241	39.044	ng	98
20) 3+4-Methylphenols	7.14	107	394907	40.618	ng	# 70
22) Acetophenone	7.13	105	556820	40.293	ng	# 93
24) Nitrobenzene	7.30	77	441405	39.461	ng	97
25) Isophorone	7.55	82	815029	43.703	ng	97
26) 2-Nitrophenol	7.62	139	209623	40.134	ng	97
27) 2,4-Dimethylphenol	7.67	122	370815	45.260	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	512678	40.851	ng	99
29) 2,4-Dichlorophenol	7.87	162	345500	39.572	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	357056	37.833	ng	96
31) Naphthalene	8.02	128	1165815	41.277	ng	99
32) Benzoic acid	7.77	122	35958	6.717	ng	98
33) 4-Chloroaniline	8.07	127	327920	26.113	ng	99
34) Hexachlorobutadiene	8.15	225	213195	37.002	ng	100
35) Caprolactam	8.46	113	106360m	37.366	ng	
36) 4-Chloro-3-methylphenol	8.56	107	359197	39.082	ng	100
37) 2-Methylnaphthalene	8.72	142	781939	42.472	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	334606	37.001	ng	98
40) Hexachlorocyclopentadiene	8.88	237	359295	78.857	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246042	40.479	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	260428	41.000	nq	97
45) 1,1'-Biphenyl	9.18	154	920690	40.053	nq	98
46) 2-Chloronaphthalene	9.20	162	726012	39.438	nq	98
47) 2-Nitroaniline	9.30	65	232133	41.017	nq	95
48) Acenaphthylene	9.62	152	1152769	41.532	nq	100
49) Dimethylphthalate	9.48	163	820343	39.947	nq	99
50) 2,6-Dinitrotoluene	9.54	165	184965	40.615	nq	90
51) Acenaphthene	9.79	154	679130	39.294	nq	100
52) 3-Nitroaniline	9.71	138	173618	32.376	nq	97
53) 2,4-Dinitrophenol	9.81	184	45332	25.828	nq	# 21
54) Dibenzofuran	9.96	168	973119	38.963	nq	98
55) 4-Nitrophenol	9.87	139	286878	72.608	nq	94
56) 2,4-Dinitrotoluene	9.94	165	242019	40.635	nq	# 98
57) Fluorene	10.30	166	719343	43.219	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	194113	36.907	nq	91
59) Diethylphthalate	10.18	149	819548	39.520	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	345340	38.749	nq	94
61) 4-Nitroaniline	10.32	138	190649	37.420	nq	100
62) Azobenzene	10.45	77	839340	39.540	nq	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	51289	19.527	nq	84
65) n-Nitrosodiphenylamine	10.41	169	698468	38.896	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	233262	37.690	nq	# 87
67) Hexachlorobenzene	10.85	284	249541	37.696	nq	94
68) Atrazine	10.94	200	218233	37.964	nq	99
69) Pentachlorophenol	11.04	266	200631	47.370	nq	100
70) Phenanthrene	11.26	178	1091315	40.554	nq	99
71) Anthracene	11.31	178	1127638	41.337	nq	99
72) Carbazole	11.46	167	980486	36.309	nq	100
73) Di-n-butylphthalate	11.80	149	1168083	36.953	nq	99
74) Fluoranthene	12.44	202	1078816	37.974	nq	98
76) Benzidine	12.55	184	209352	17.474	nq	# 78
77) Pyrene	12.67	202	1054213	41.933	nq	99
79) Butylbenzylphthalate	13.29	149	457385	40.733	nq	98
80) Benzo(a)anthracene	13.85	228	836717	40.833	nq	100
81) 3,3'-Dichlorobenzidine	13.81	252	239574	28.973	nq	99
82) Chrysene	13.88	228	804672	39.249	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	541701	39.843	nq	100
84) Di-n-octyl phthalate	14.46	149	921766	39.976	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.62	276	1004304	61.272	nq	# 93
87) Benzo(b)fluoranthene	14.87	252	843086	42.164	nq	98
88) Benzo(k)fluoranthene	14.89	252	736324	39.426	nq	# 96
89) Benzo(a)pyrene	15.21	252	763650	43.005	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	823966	55.231	nq	# 95
91) Benzo(g,h,i)perylene	17.03	276	868377	58.221	nq	# 93

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

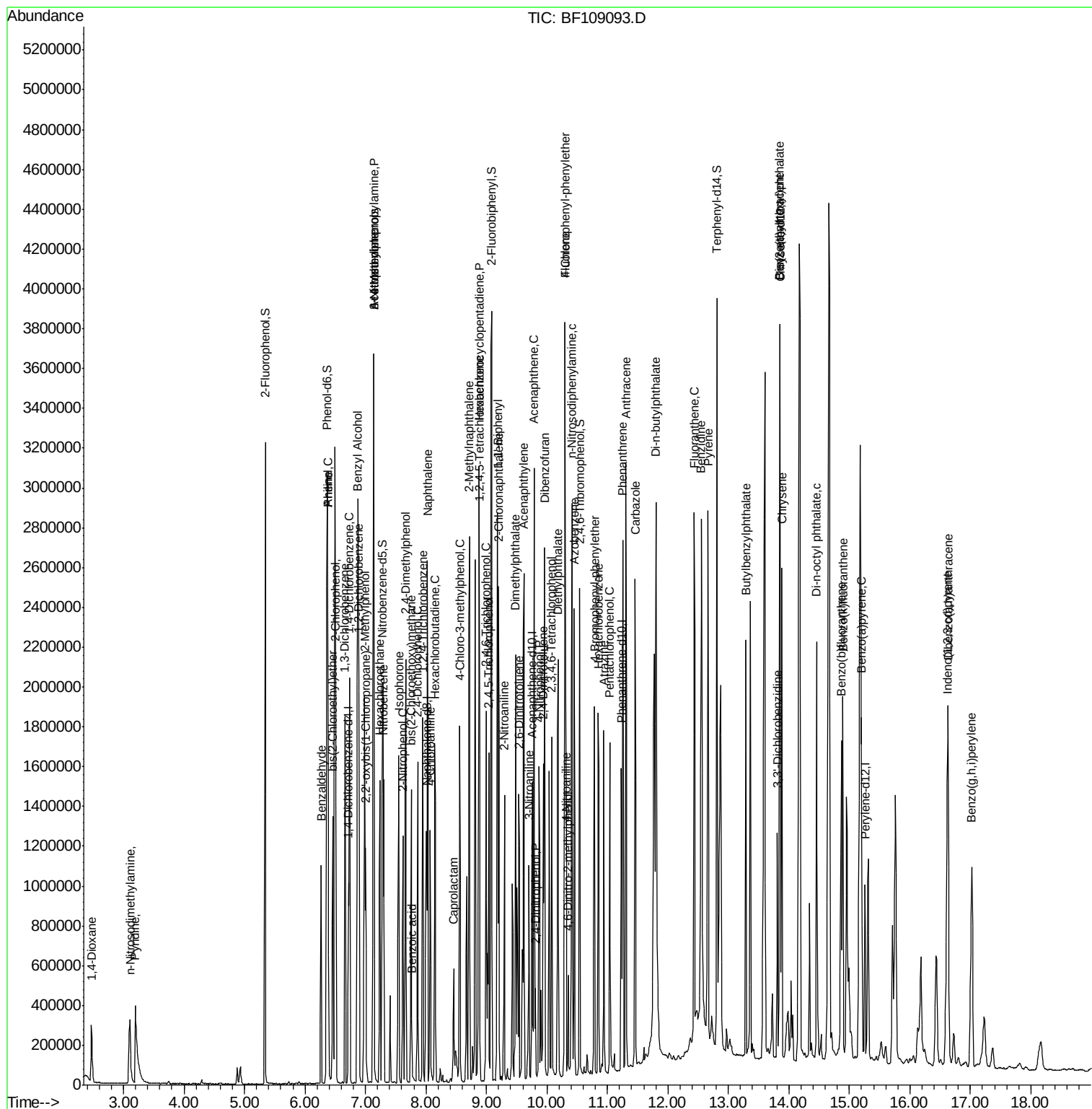
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109093.D
Acq On : 18 Sep 2018 14:12
Operator : JU/SJ
Sample : PB112950BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

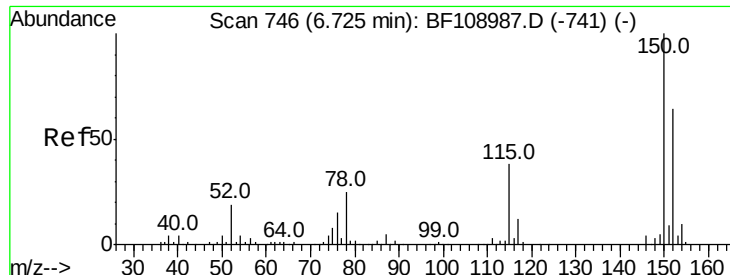
Instrument :
BNA_F
ClientSampleId :
PB112950BS

Manual Integrations
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#1

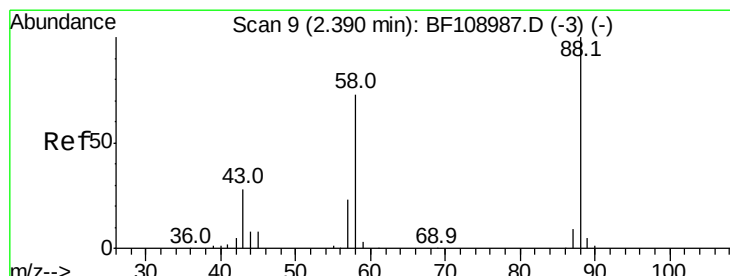
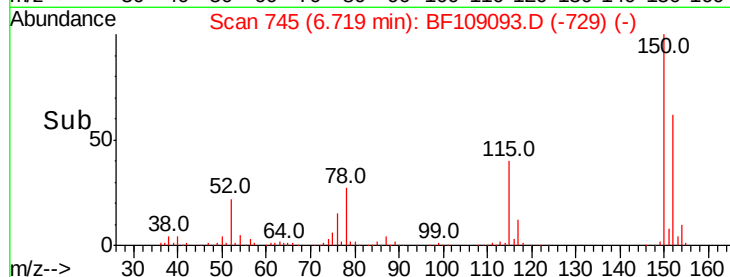
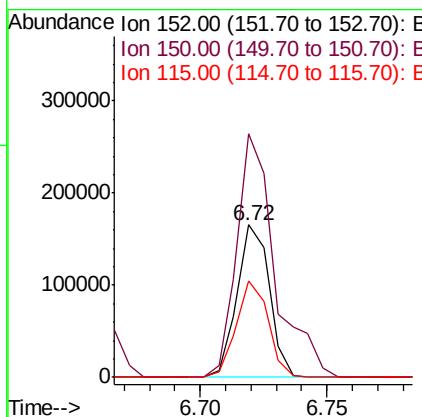
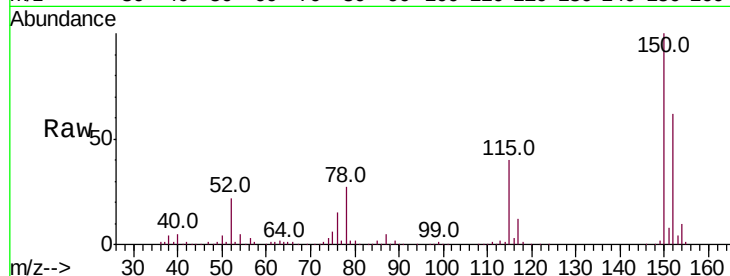
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.7	50.1	75.1

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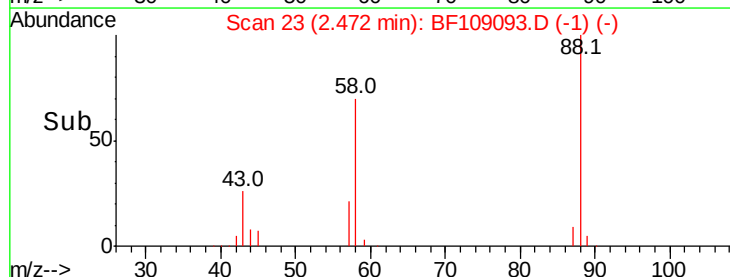
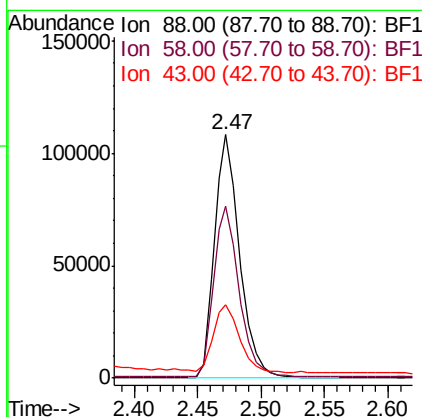
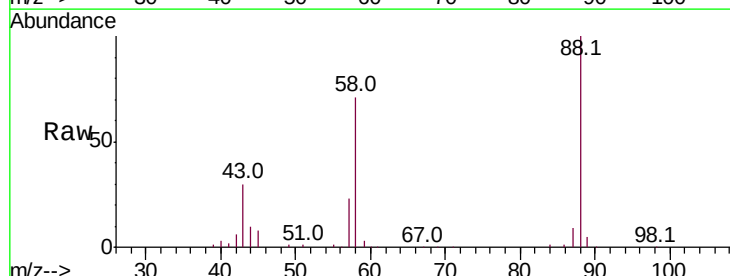
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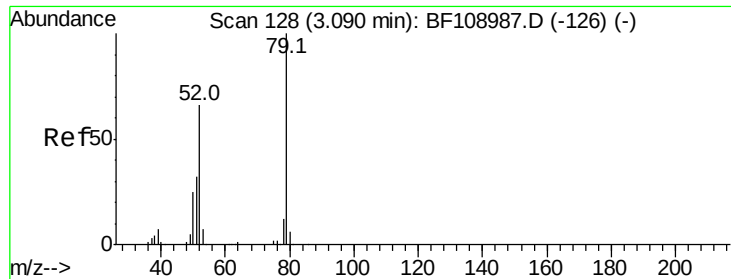


#2

1,4-Dioxane
Concen: 35.842 ng
RT: 2.47 min Scan# 23
Delta R.T. 0.08 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	62.6	93.8
43	28.3	24.6	37.0





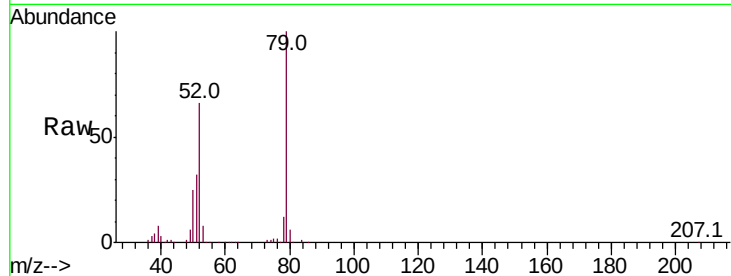
#3
 Pvridine
 Concen: 35.452 ng
 RT: 3.19 min Scan# 145
 Delta R.T. 0.10 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

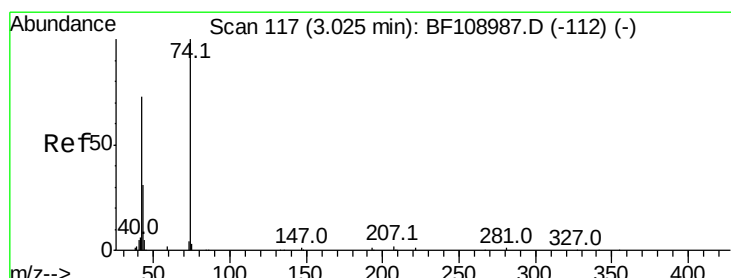
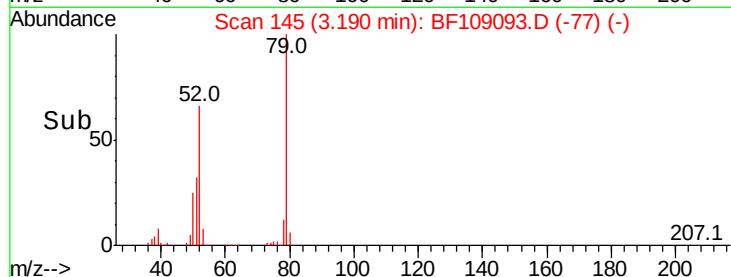
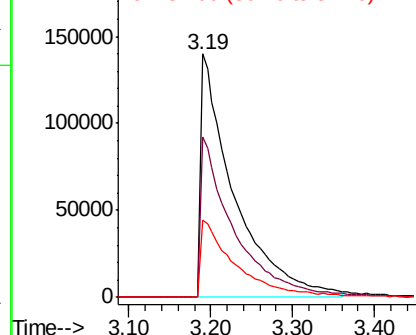
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.8	59.8	89.6
51	32.0	29.8	44.8

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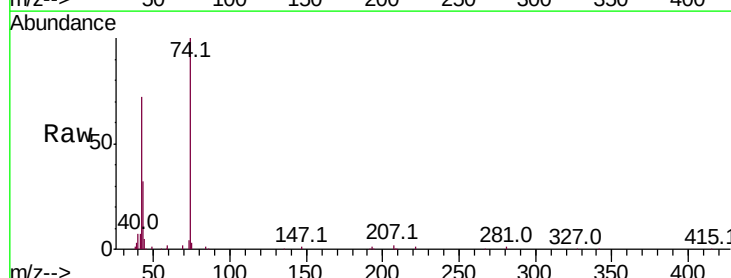


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

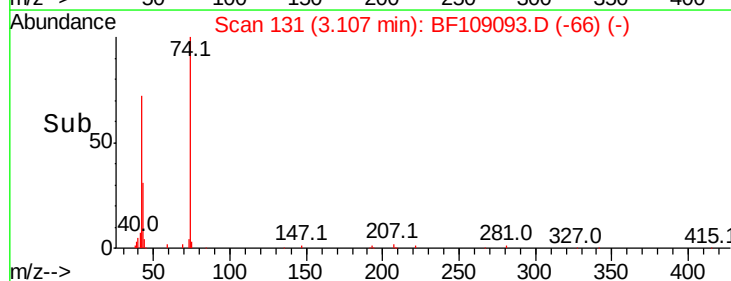
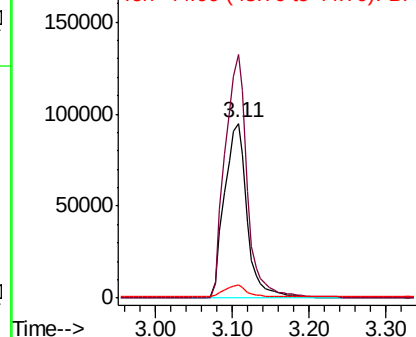


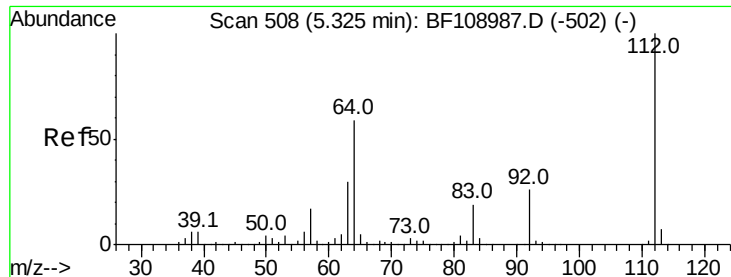
#4
 n-Nitrosodimethylamine
 Concen: 46.157 ng
 RT: 3.11 min Scan# 131
 Delta R.T. 0.08 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.5	104.9	157.3
44	7.4	6.9	10.3



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





#5

2-Fluorophenol

Concen: 104.530 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

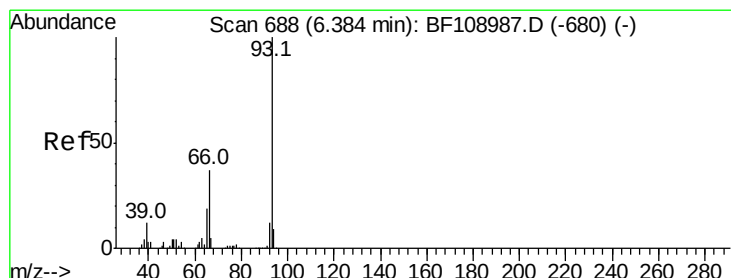
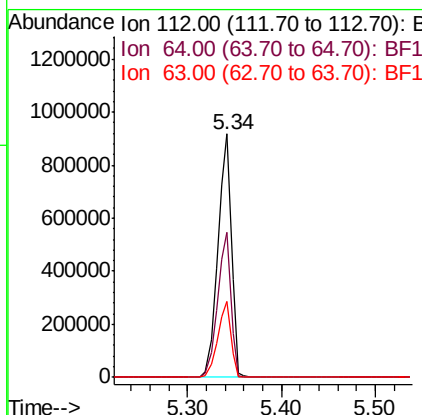
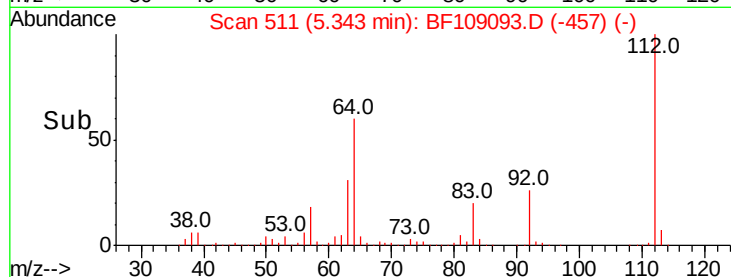
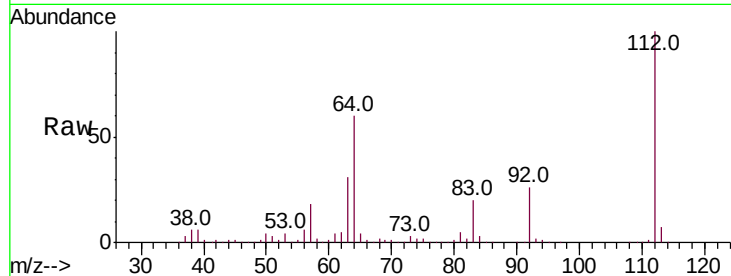
ClientSampleId :

PB112950BS

Tot Ion:	112	Resp:	924237
Ion Ratio	Lower	Upper	
112	100		
64	59.7	47.9	71.9
63	31.4	23.7	35.5

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#6

Aniline

Concen: 29.613 ng

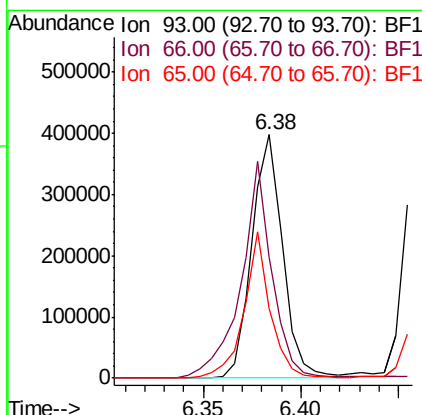
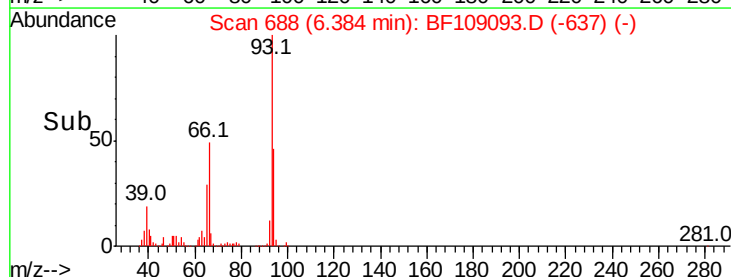
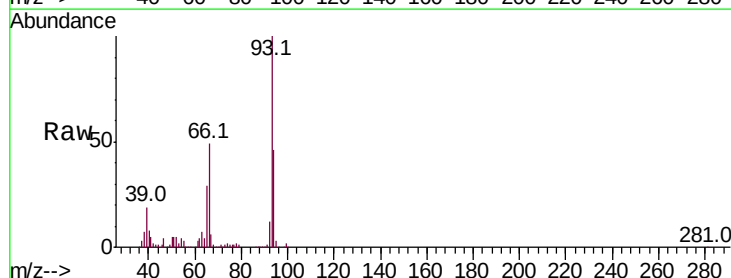
RT: 6.38 min Scan# 688

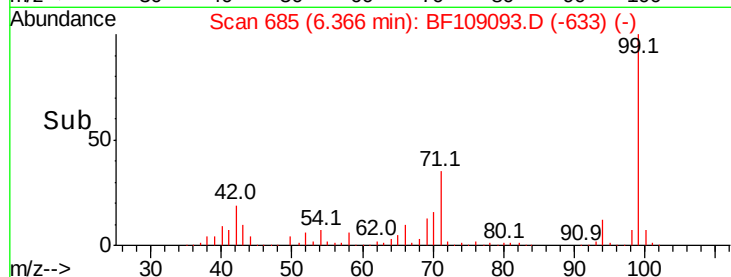
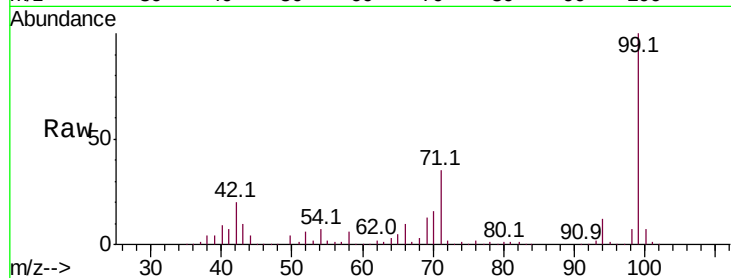
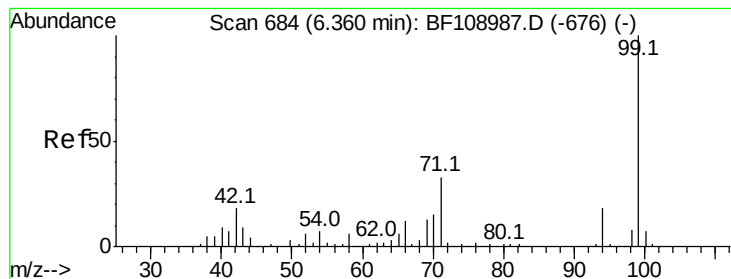
Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:	93	Resp:	436387
Ion Ratio	Lower	Upper	
93	100		
66	49.5	32.2	48.2#
65	28.7	16.4	24.6#





#7

Phenol-d6

Concen: 103.683 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tot Ion: 99 Resp: 1182100

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.7 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

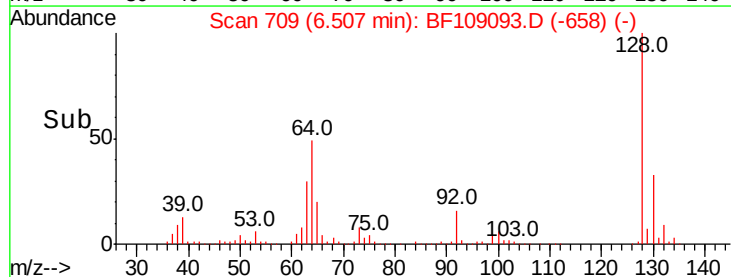
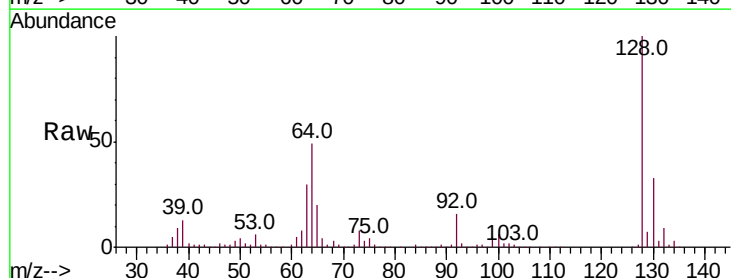
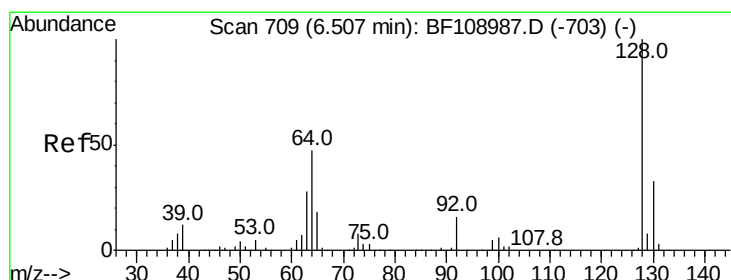
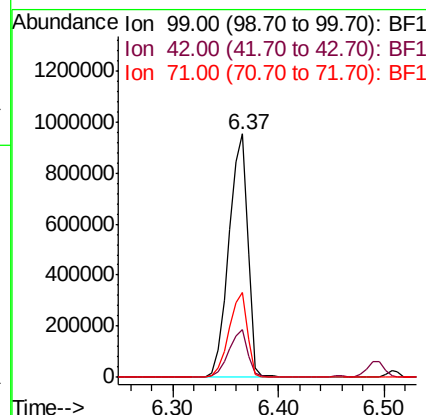
PB112950BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.733 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

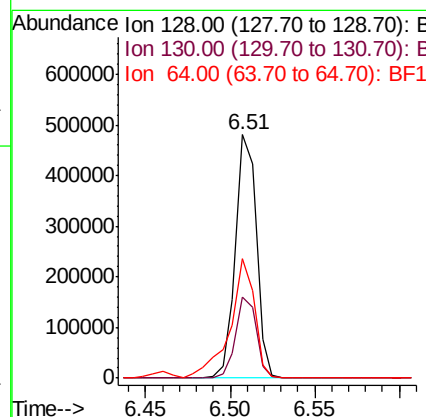
Tgt Ion:128 Resp: 412939

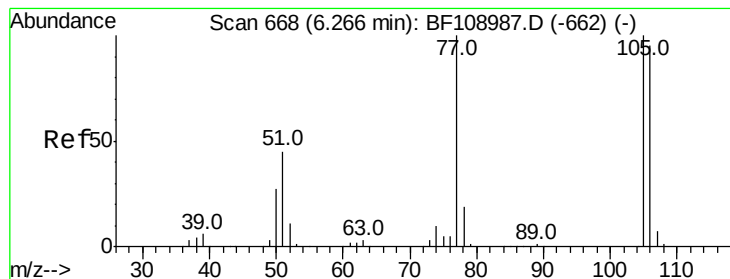
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 49.2 29.4 69.4





#9

Benzaldehyde

Concen: 28.596 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

PB112950BS

Tot Ion: 77 Resp: 208226

Ion Ratio Lower Upper

77 100

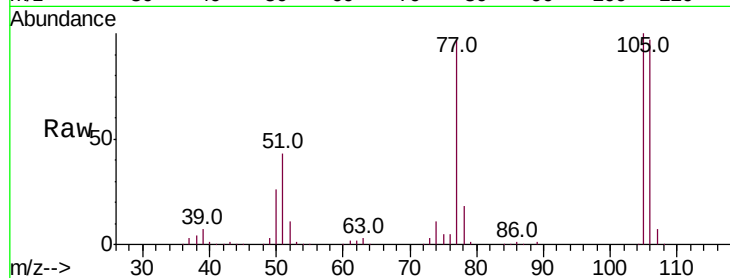
105 103.0 81.1 121.1

106 99.8 74.5 114.5

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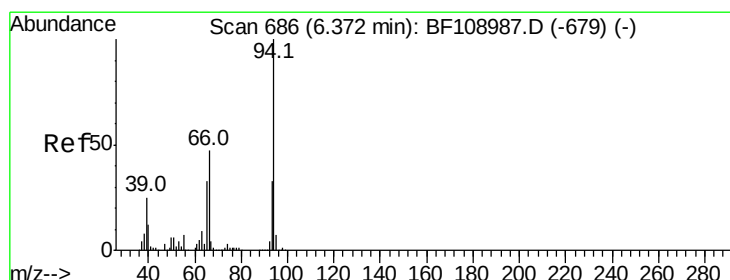
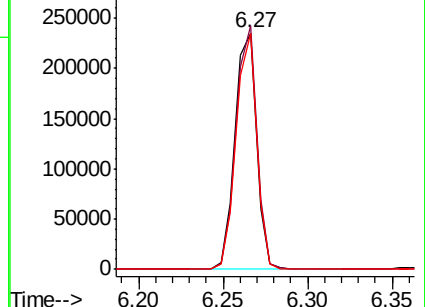
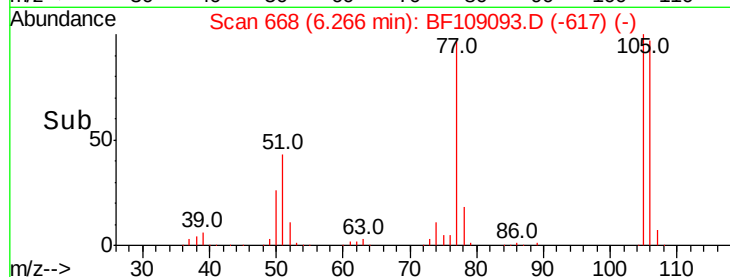
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.628 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

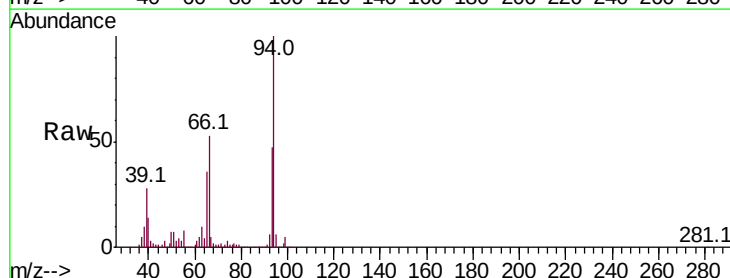
Tgt Ion: 94 Resp: 495543

Ion Ratio Lower Upper

94 100

65 36.0 7.9 47.9

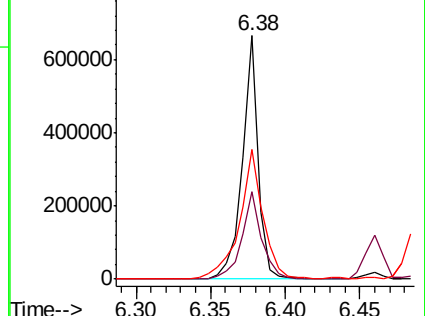
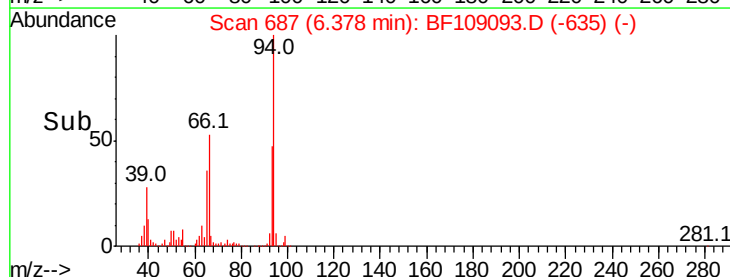
66 53.2 16.2 56.2

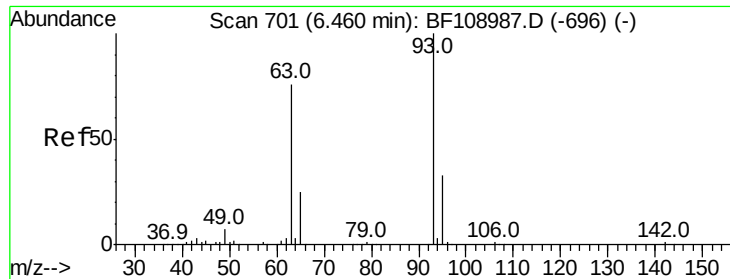


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





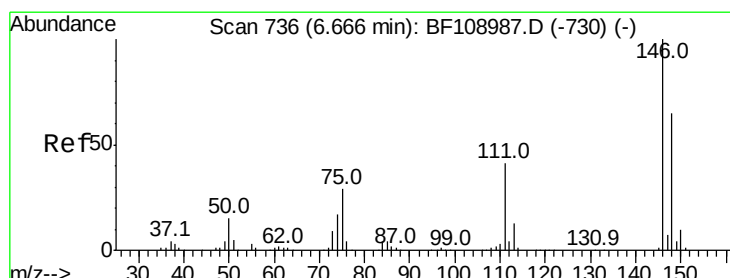
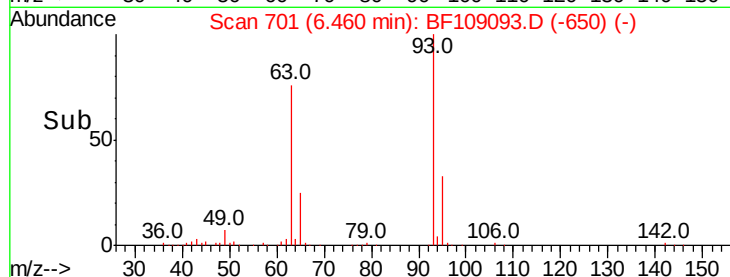
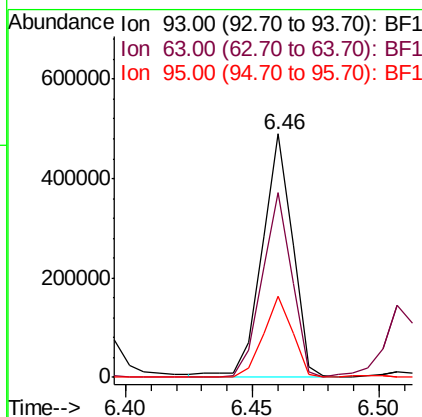
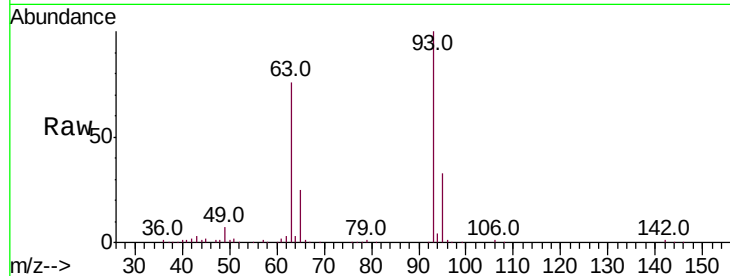
#11
bis(2-Chloroethyl)ether
Concen: 40.110 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion:	93	Resp:	404811
Ion Ratio	Lower	Upper	
93	100		
63	75.9	58.6	98.6
95	33.1	11.8	51.8

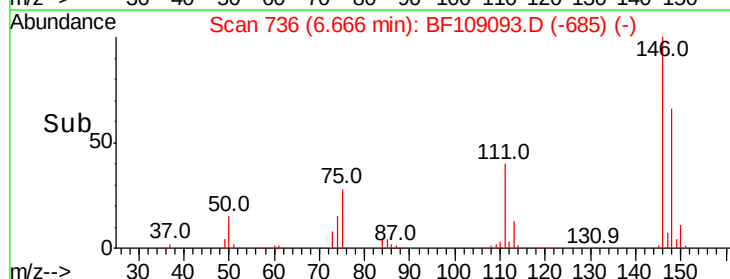
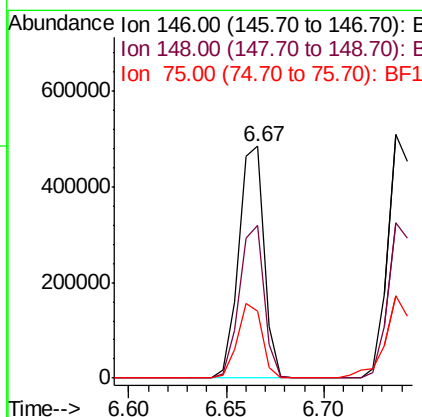
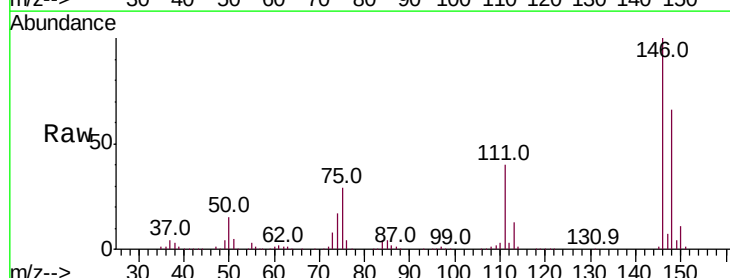
Manual Integrations
APPROVED

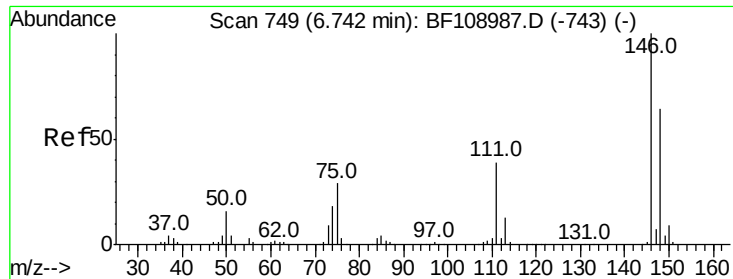
Sohil
9/18/2018 6:19:09 PM



#12
1,3-Dichlorobenzene
Concen: 38.606 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:	146	Resp:	436859
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.8	77.8
75	28.9	24.2	36.4





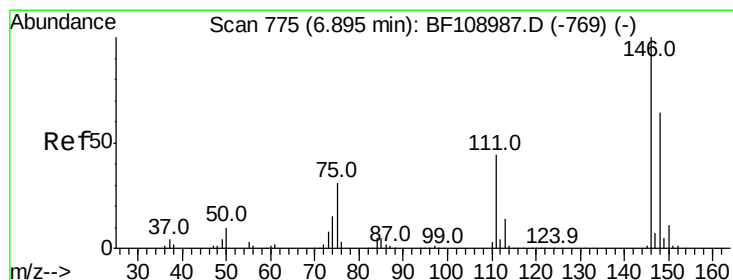
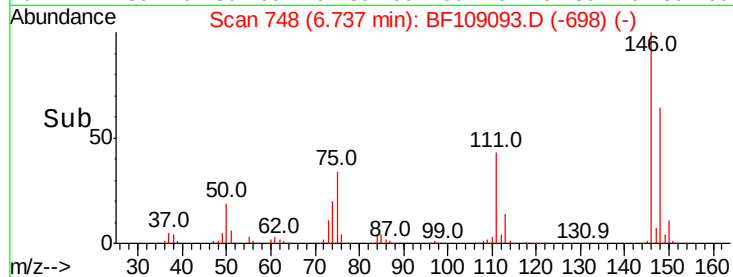
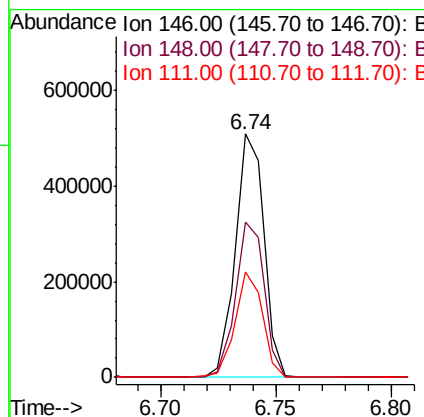
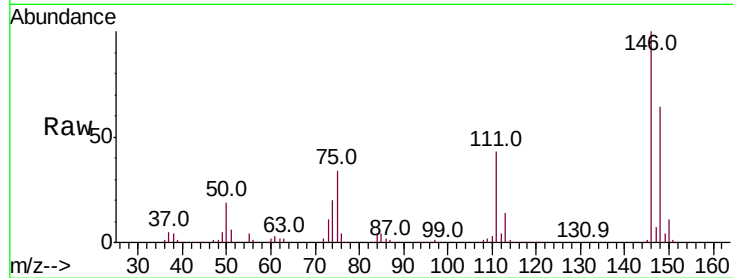
#13
 1,4-Dichlorobenzene
 Concen: 38.790 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	43.3	34.2	51.2

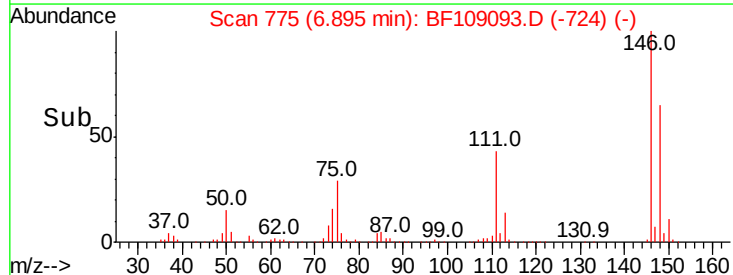
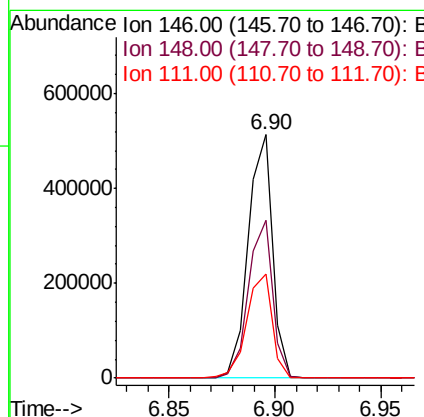
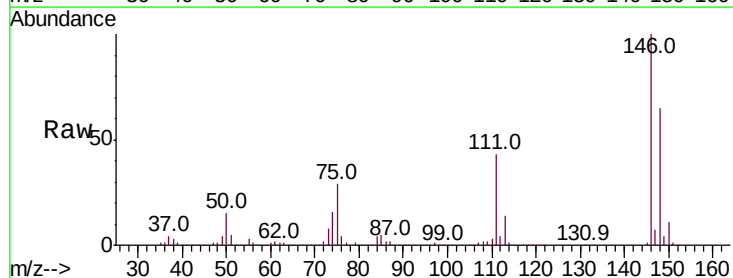
Manual Integrations
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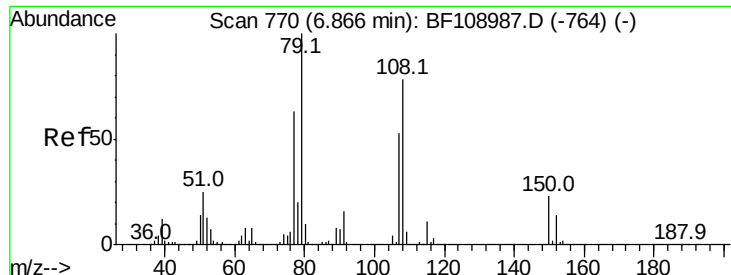
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.119 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	42.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.915 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

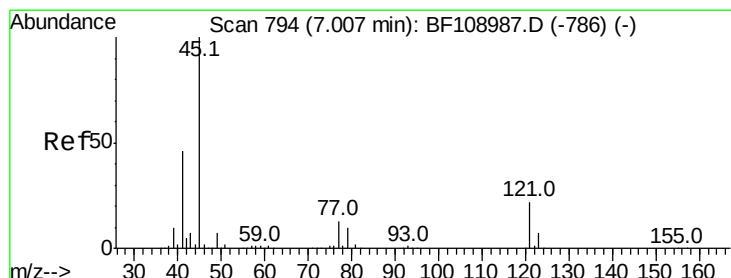
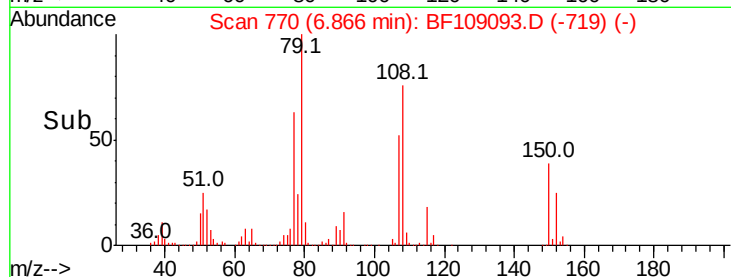
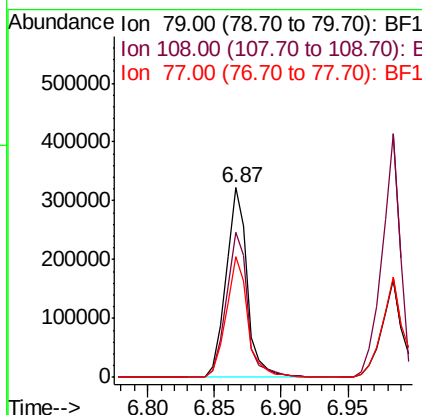
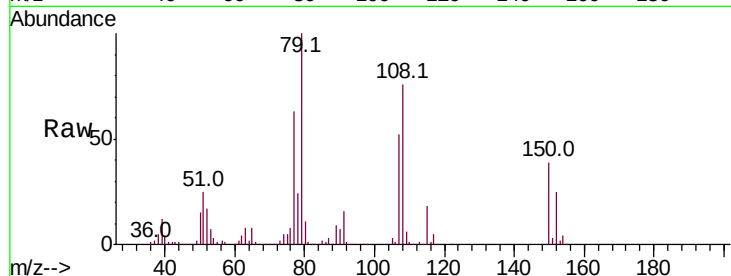
ClientSampled :

PB112950BS

Tot Ion:	79	Resp:	362797
Ion Ratio	Lower	Upper	
79	100		
108	76.4	65.1	97.7
77	63.5	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.005 ng

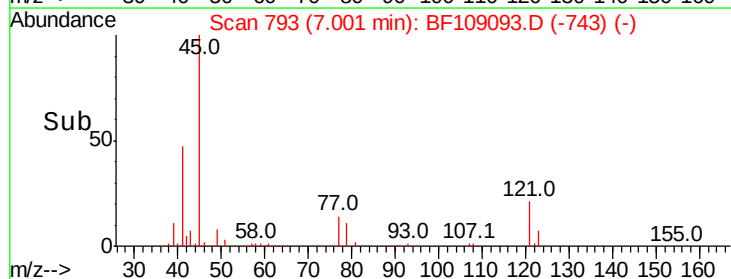
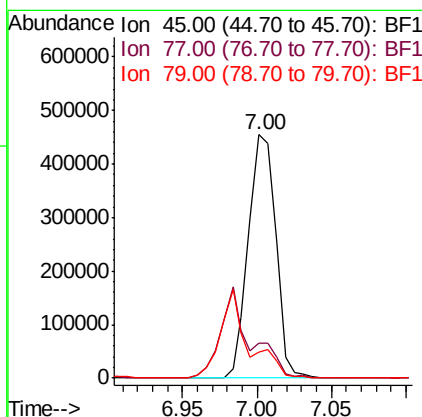
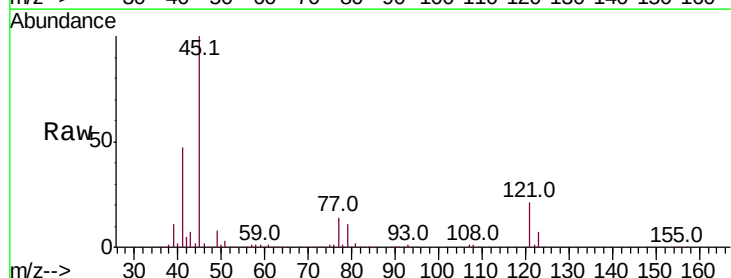
RT: 7.00 min Scan# 793

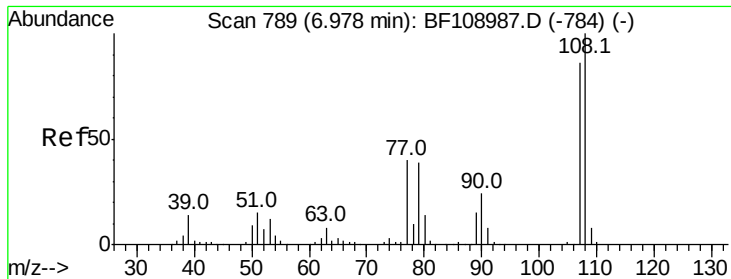
Delta R.T. -0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:	45	Resp:	578483
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	32.9
79	10.9	0.0	29.6





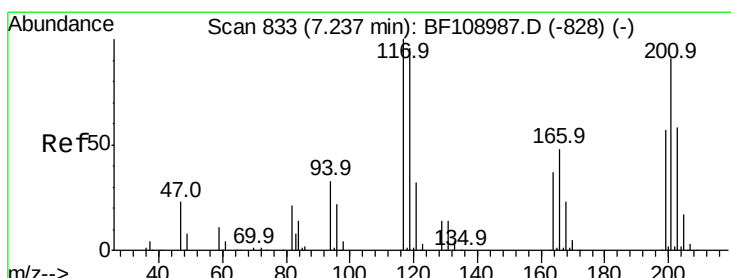
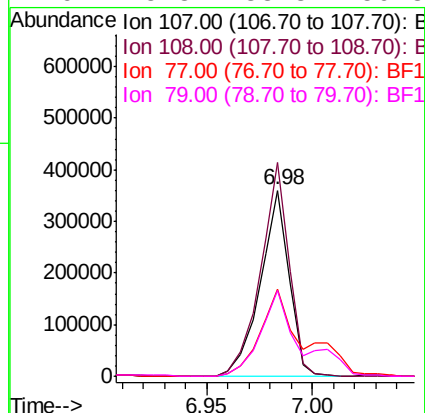
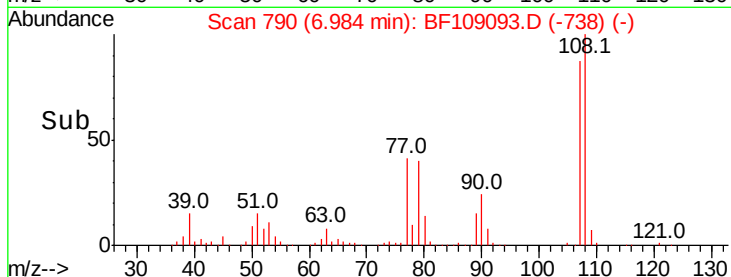
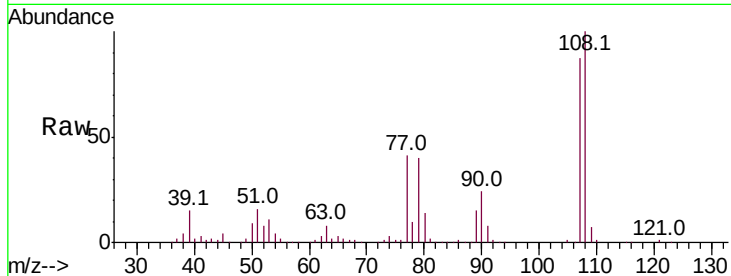
#17
2-Methylphenol
Concen: 42.193 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.7	137.5	
77	47.0	33.8	50.8	
79	45.8	33.8	50.8	

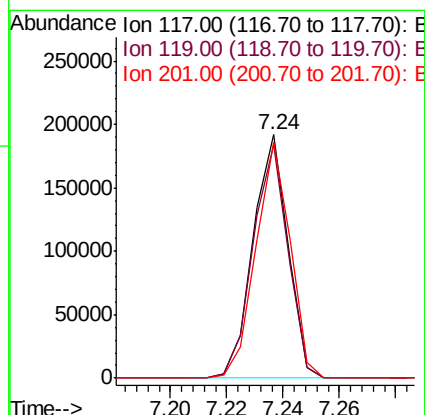
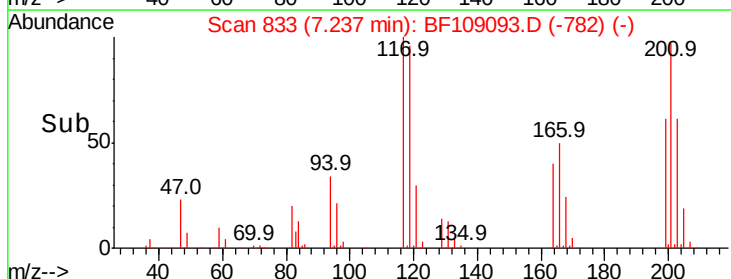
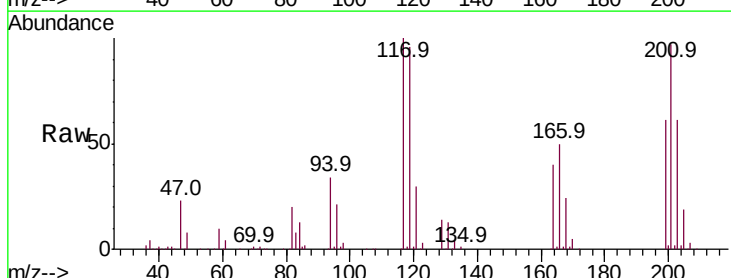
Manual Integrations
APPROVED

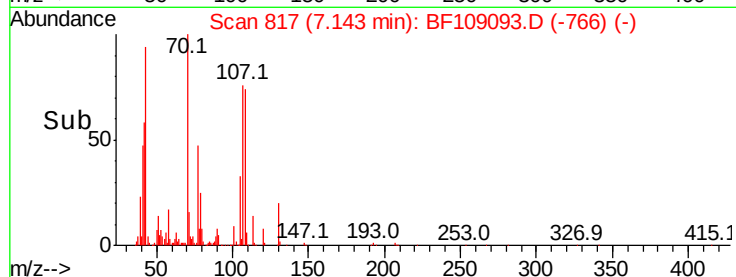
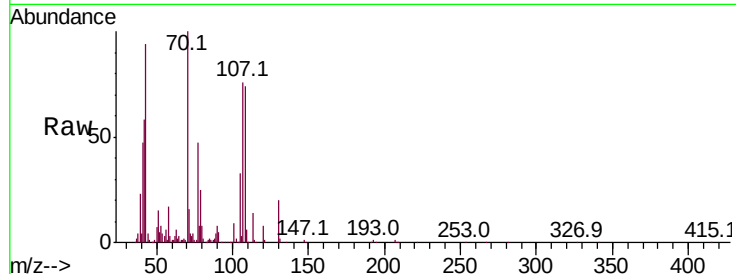
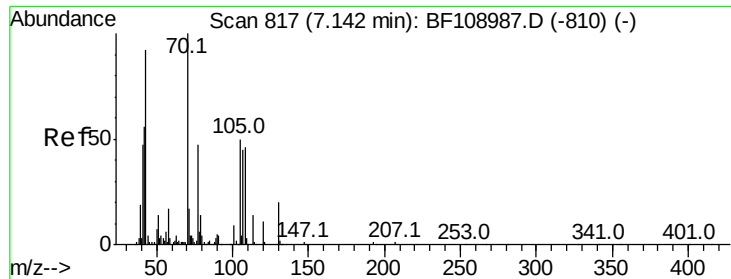
Sohil
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#18
Hexachloroethane
Concen: 39.770 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.8	113.8	
201	96.7	75.7	113.5	





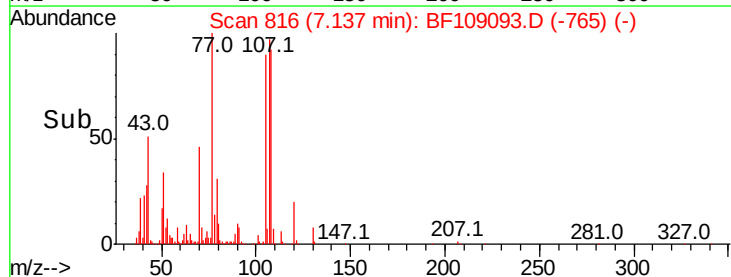
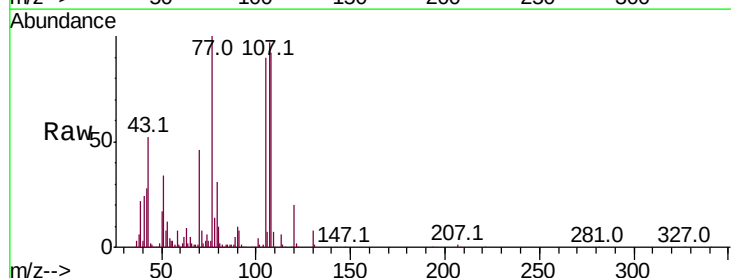
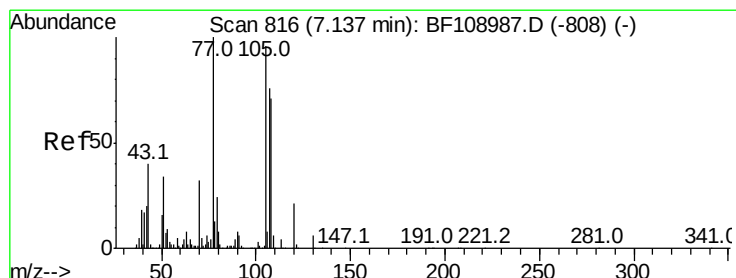
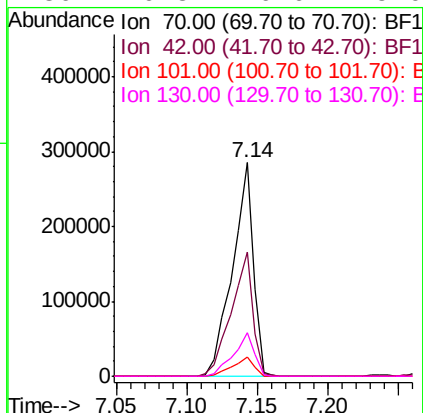
#19
n-Nitroso-di-n-propylamine
Concen: 39.044 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.0	47.5	71.3		
101	8.7	7.4	11.2		
130	20.3	16.6	25.0		

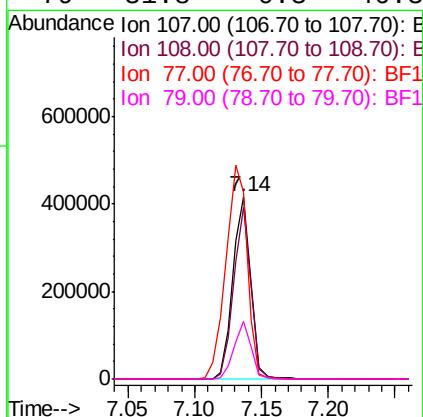
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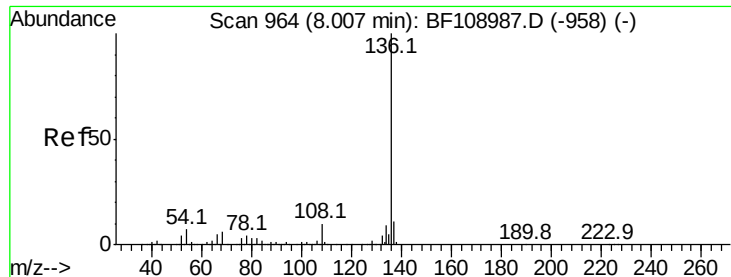
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#20
3+4-Methylphenols
Concen: 40.618 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.2	68.2	108.2		
77	102.7	26.7	66.7#		
79	31.8	6.3	46.3		





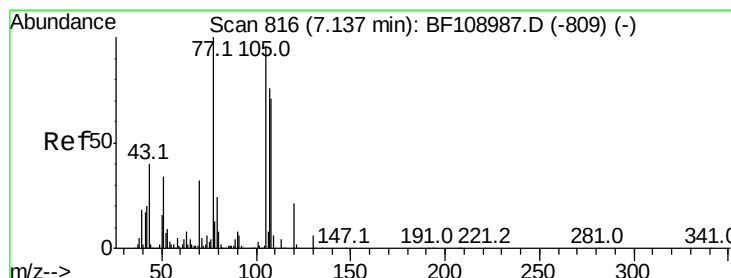
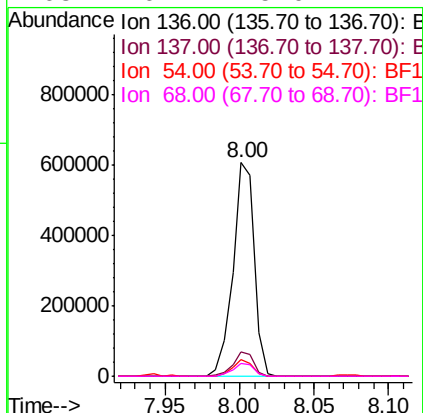
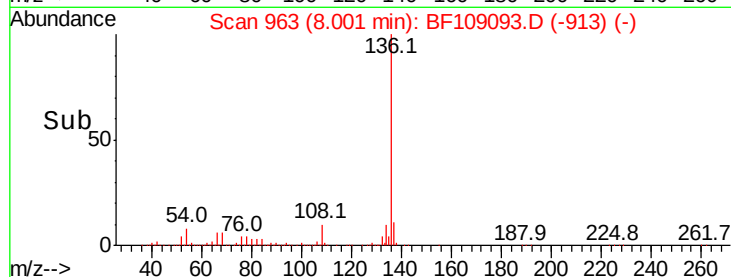
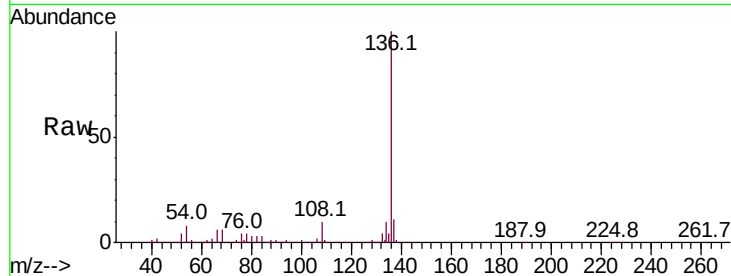
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.7	6.6	9.8	
68	6.2	5.0	7.4	

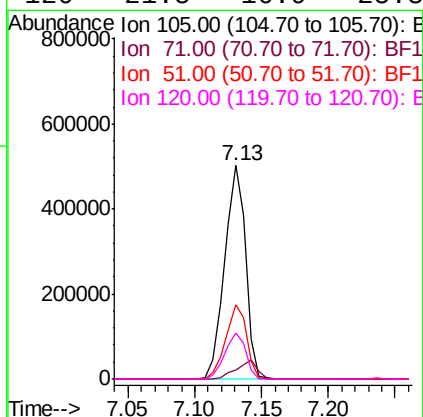
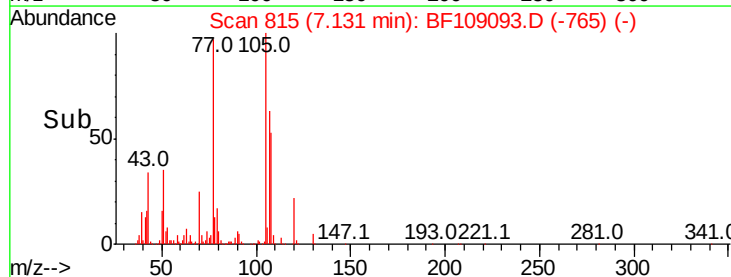
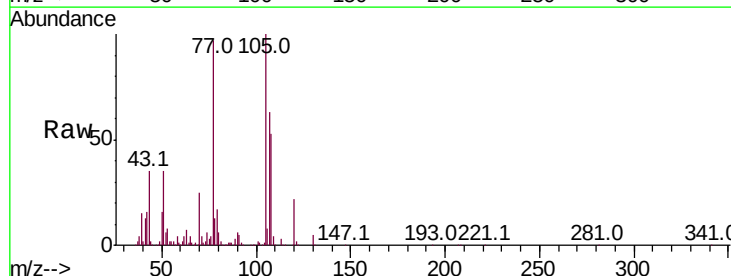
Manual Integrations
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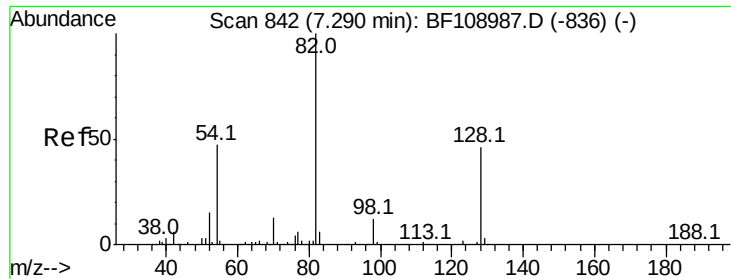
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#22
Acetophenone
Concen: 40.293 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	4.4	6.6#	
51	34.7	22.3	33.5#	
120	21.5	16.9	25.3	





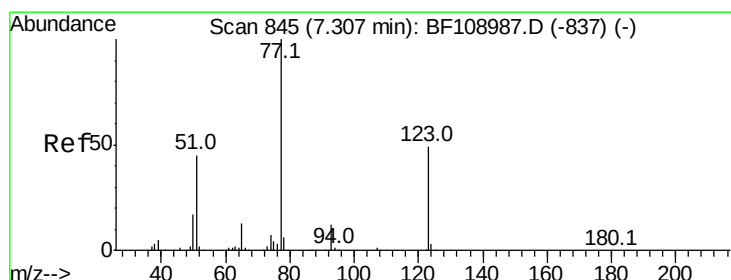
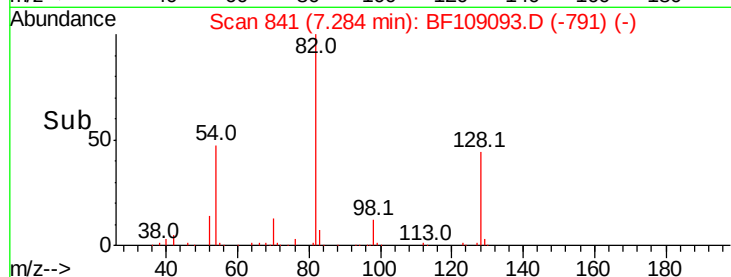
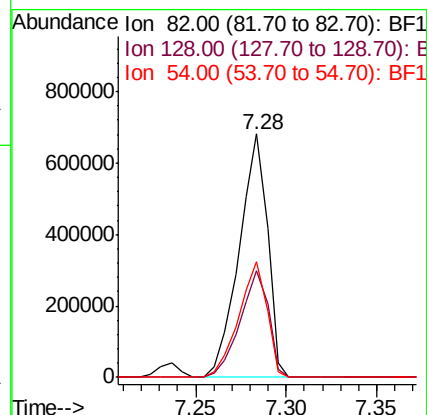
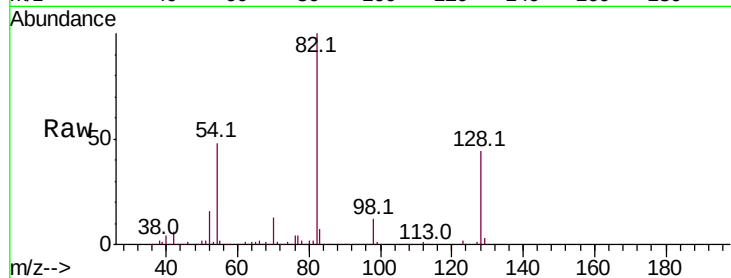
#23
Nitrobenzene-d5
Concen: 68.283 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	47.7	41.4	62.2

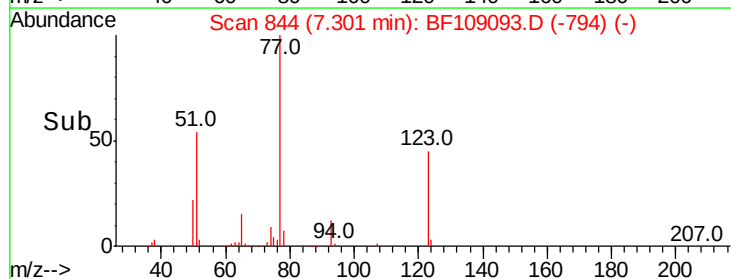
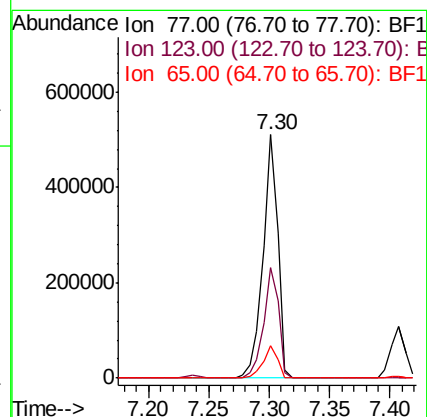
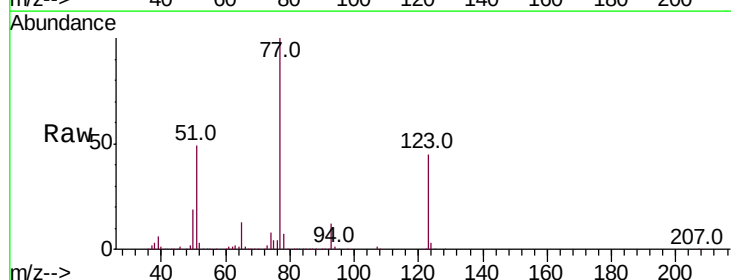
Manual Integrations
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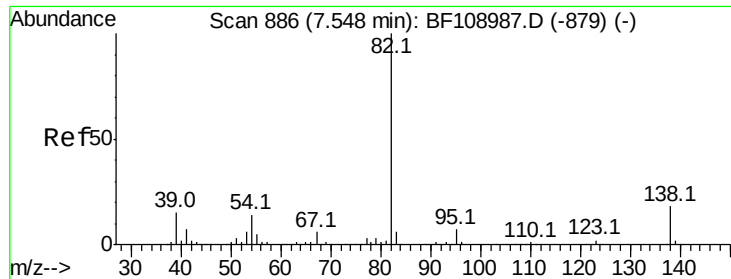
Sohil
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#24
Nitrobenzene
Concen: 39.461 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 43.703 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

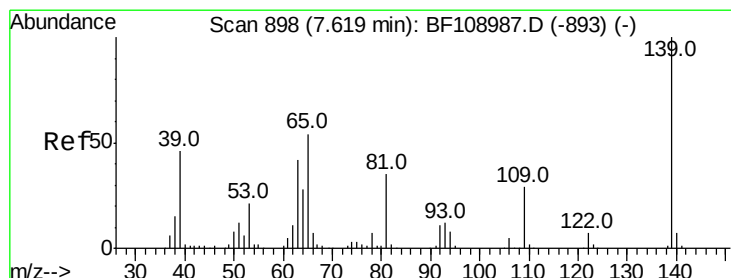
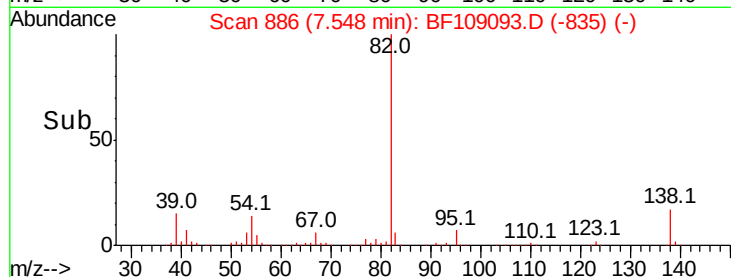
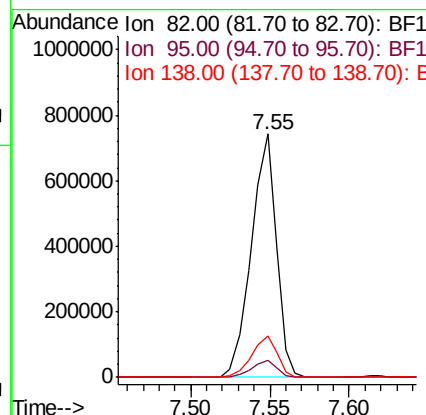
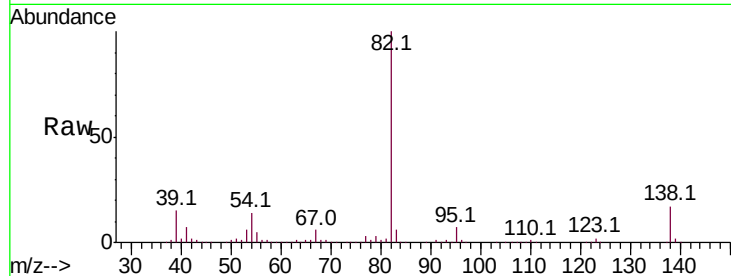
ClientSampleId :

PB112950BS

Tot Ion:	82	Resp:	815029
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.134 ng

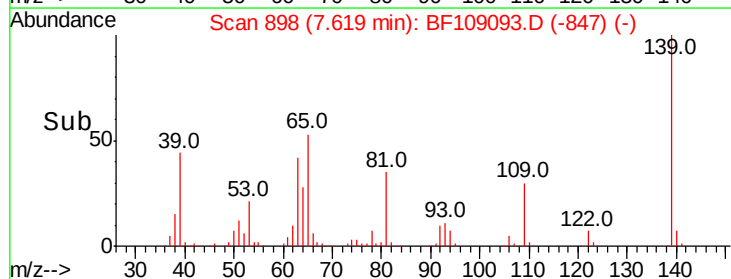
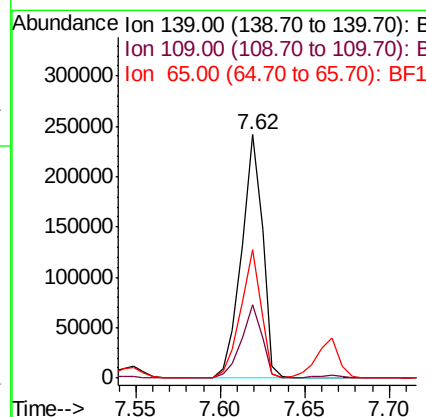
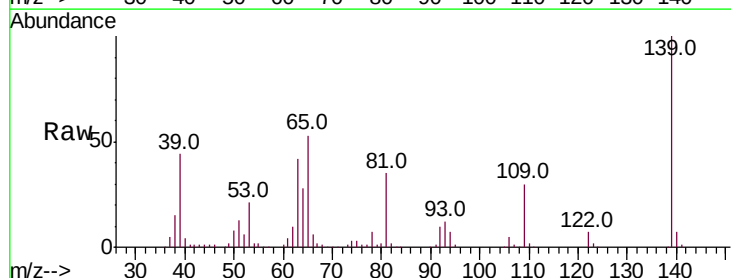
RT: 7.62 min Scan# 898

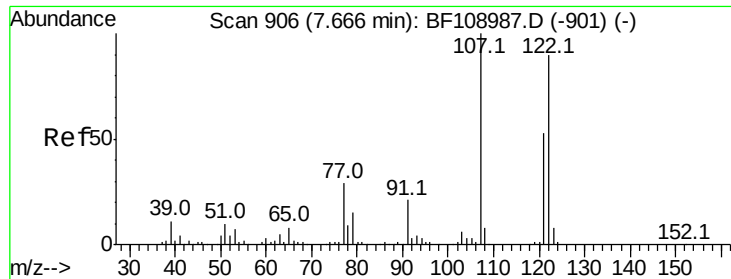
Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:	139	Resp:	209623
Ion Ratio	Lower	Upper	
139	100		
109	29.9	22.7	34.1
65	52.6	40.5	60.7





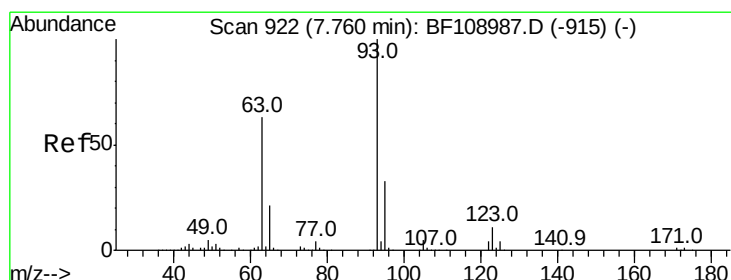
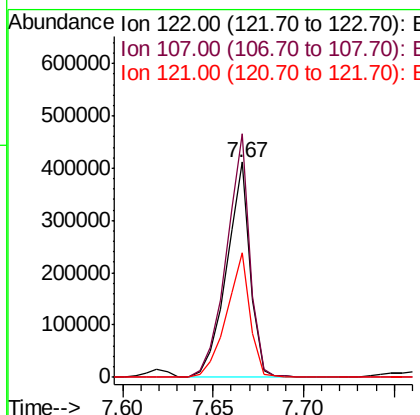
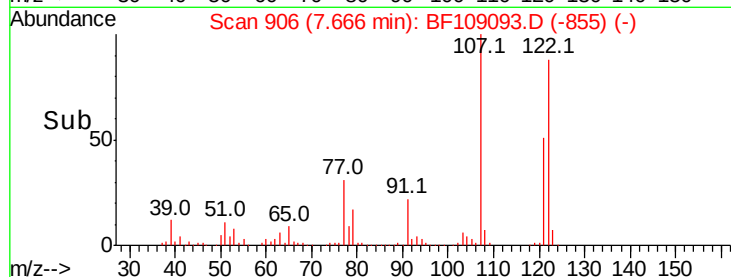
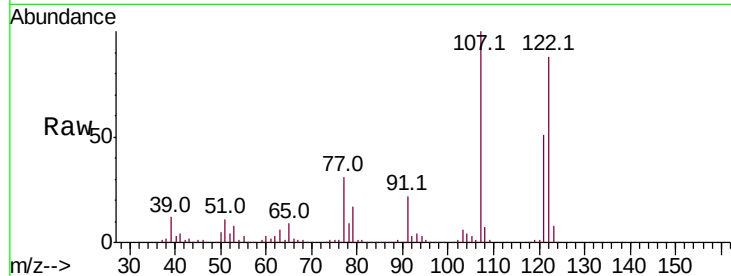
#27
 2,4-Dimethylphenol
 Concen: 45.260 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	58.1	47.2	70.8

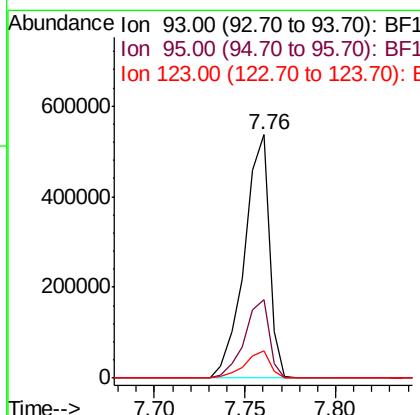
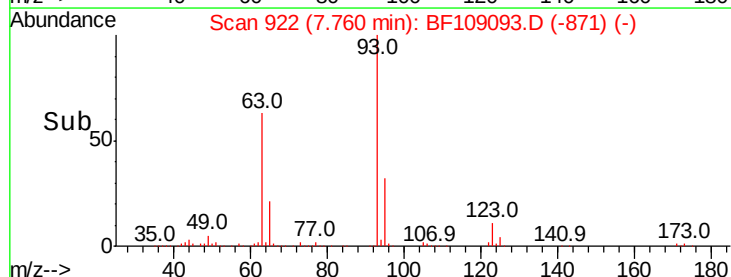
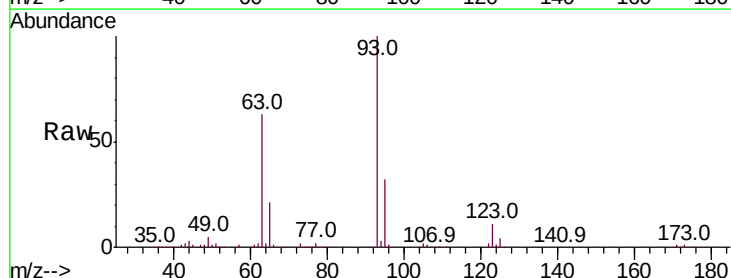
Manual Integrations
 APPROVED

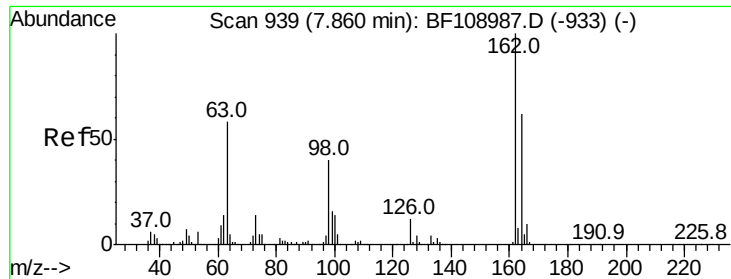
Sohil
 9/18/2018 6:19:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.851 ng
 RT: 7.76 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.5	9.8	14.6





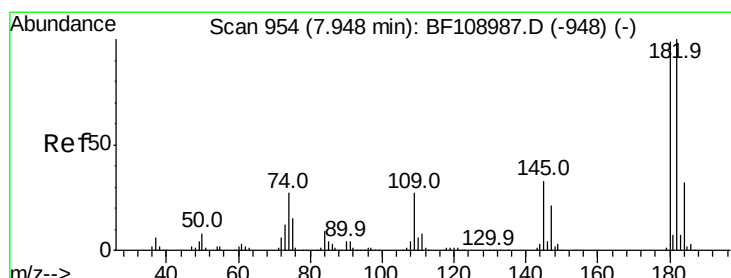
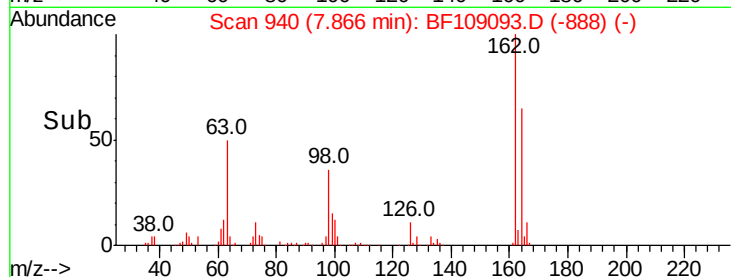
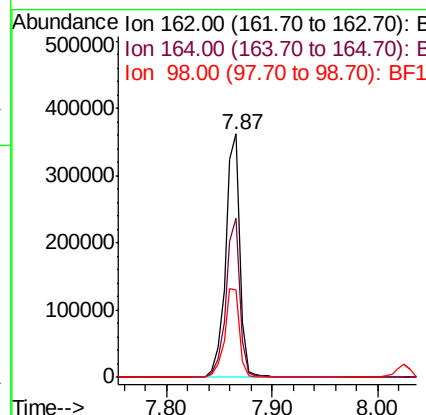
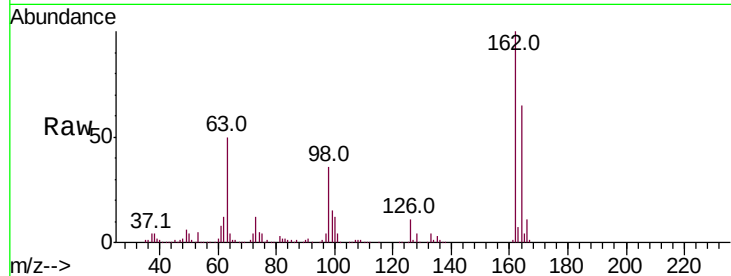
#29
2,4-Dichlorophenol
Concen: 39.572 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion:	162	Resp:	345500
Ion Ratio	Lower	Upper	
162	100		
164	65.4	42.7	82.7
98	36.1	18.1	58.1

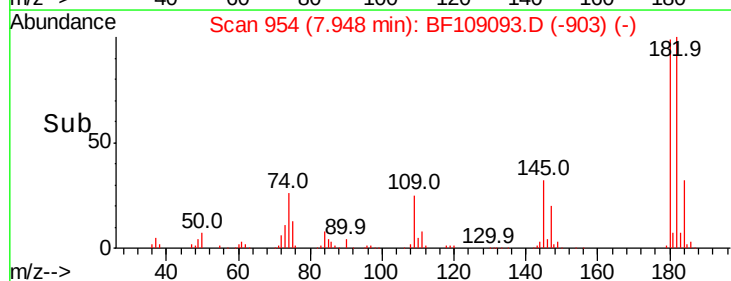
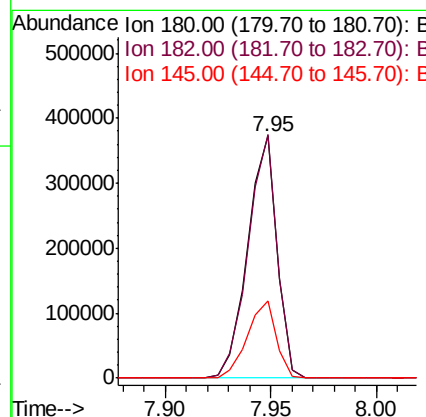
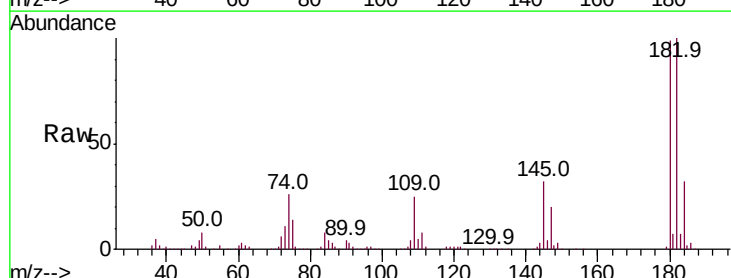
Manual Integrations
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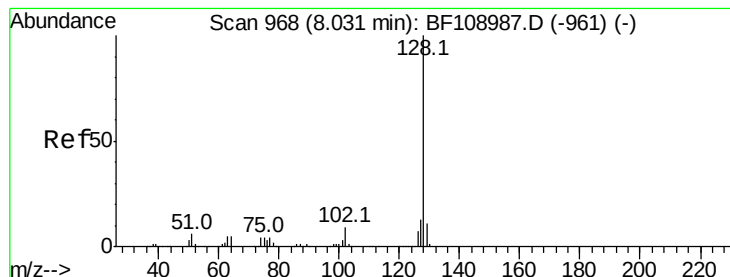
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 37.833 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:	180	Resp:	357056
Ion Ratio	Lower	Upper	
180	100		
182	100.6	76.8	115.2
145	31.7	26.5	39.7





#31

Naphthalene

Concen: 41.277 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

PB112950BS

Tot Ion:128 Resp: 1165815

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

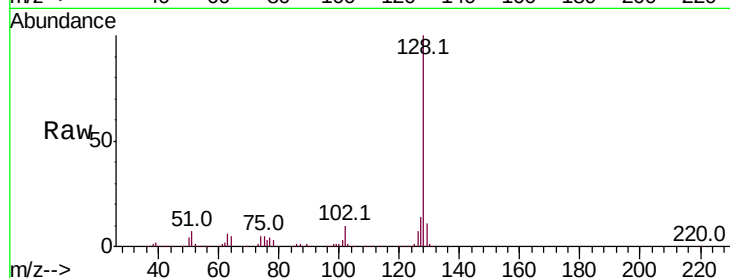
127 13.6 10.9 16.3

Manual Integrations

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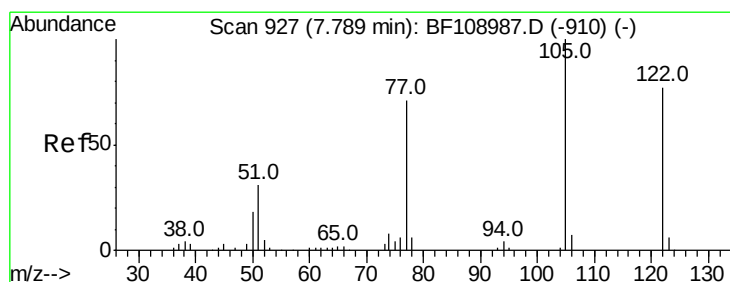
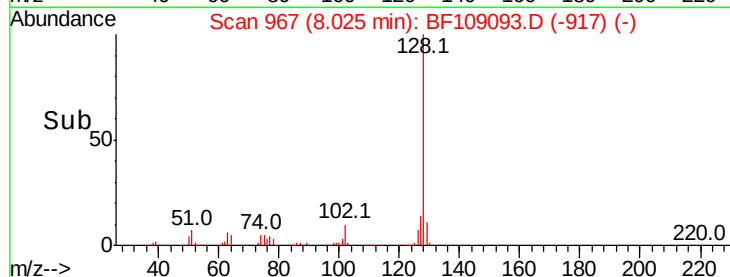
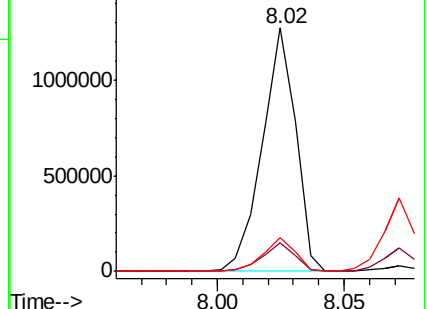
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.717 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

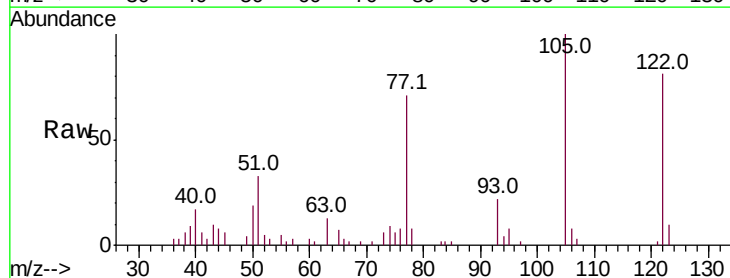
Tgt Ion:122 Resp: 35958

Ion Ratio Lower Upper

122 100

105 124.0 101.1 141.1

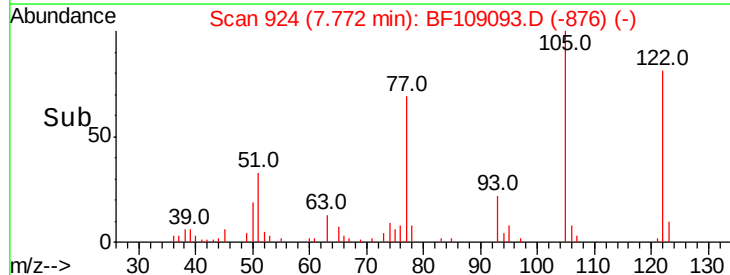
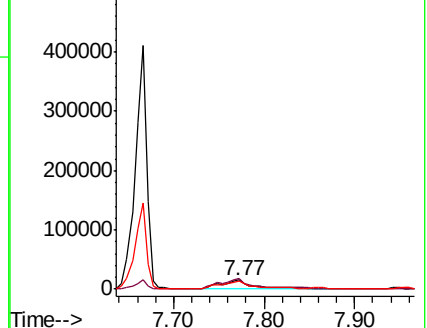
77 88.5 70.7 110.7

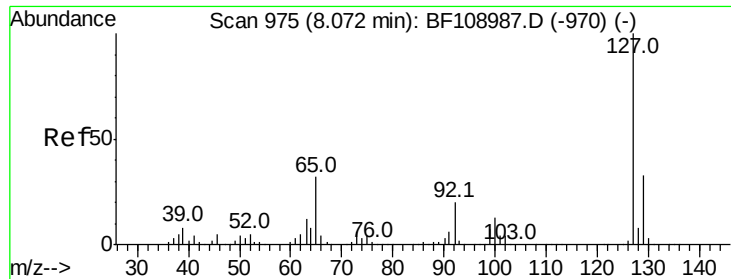


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





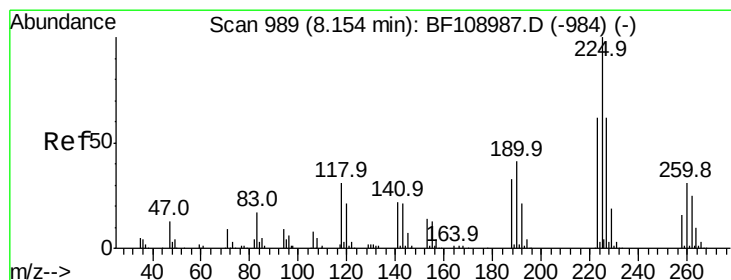
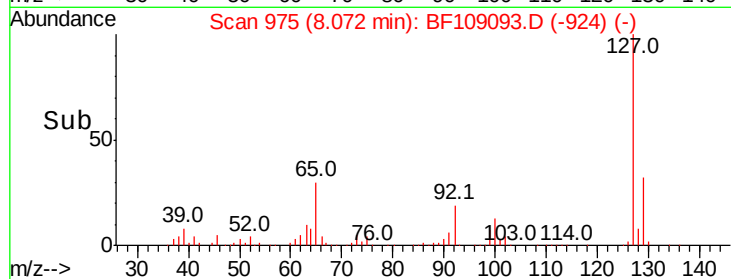
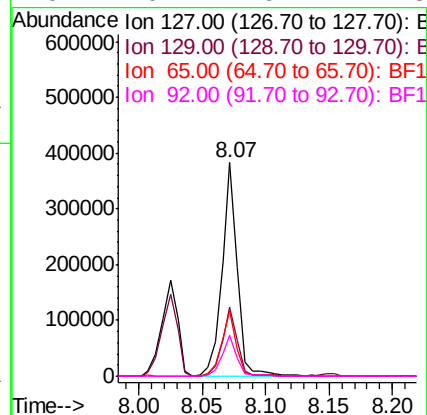
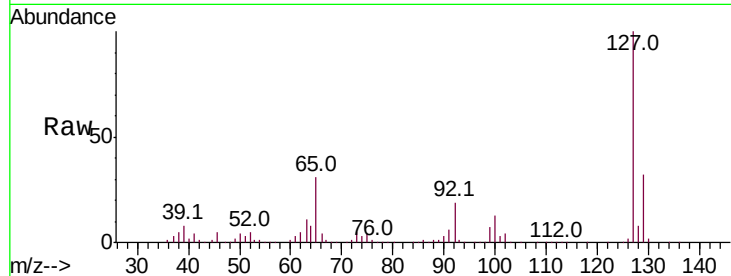
#33
4-Chloroaniline
Concen: 26.113 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	30.7	25.0	37.4		
92	19.4	15.2	22.8		

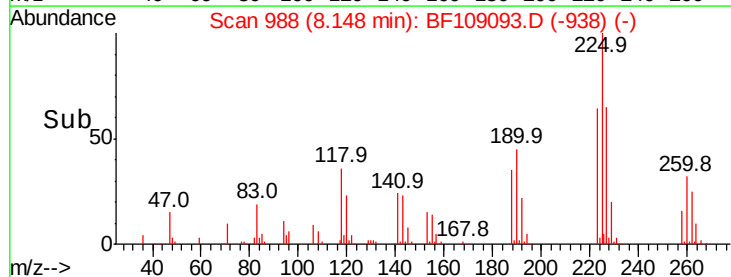
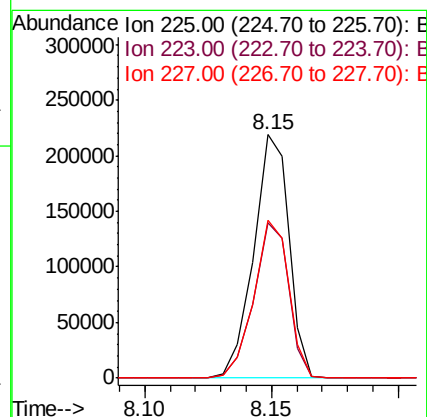
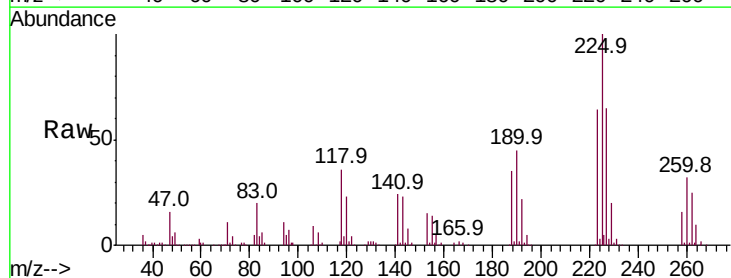
Manual Integrations
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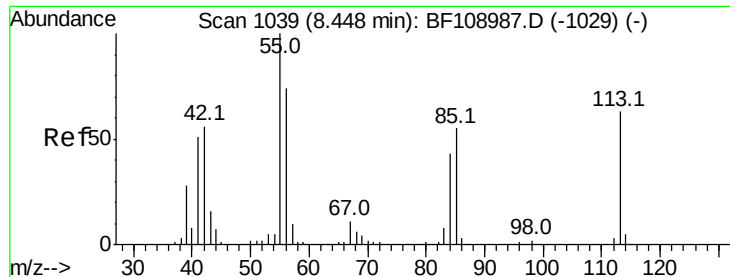
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#34
Hexachlorobutadiene
Concen: 37.002 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.6	76.0		
227	65.0	51.9	77.9		





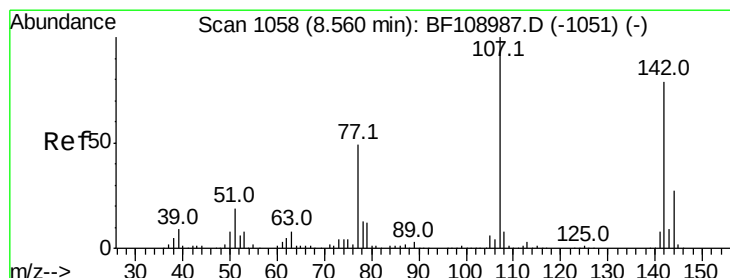
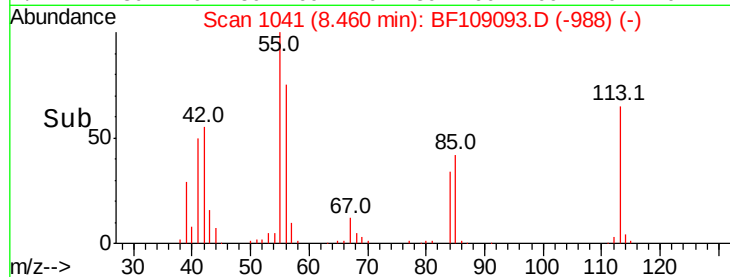
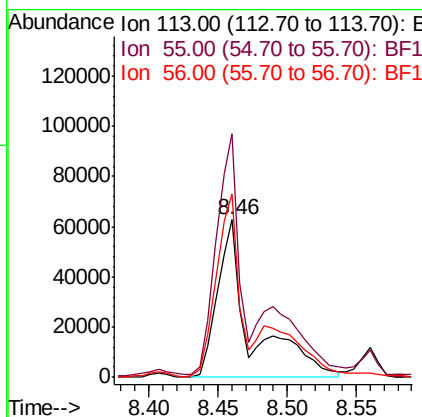
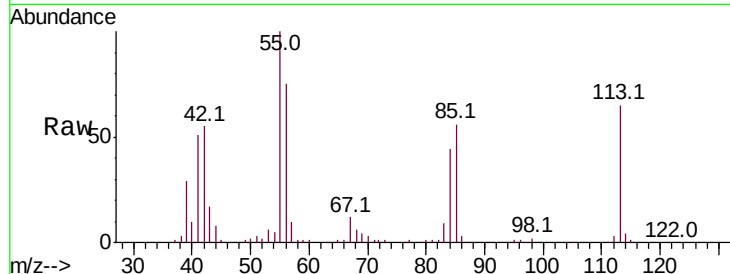
#35
 Caprolactam
 Concen: 37.366 ng/ml
 RT: 8.46 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.8	163.3	203.3#
56	116.3	115.7	155.7

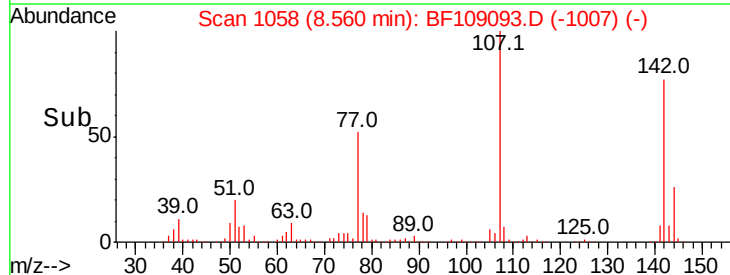
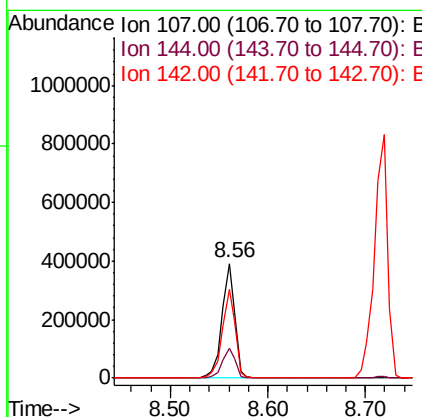
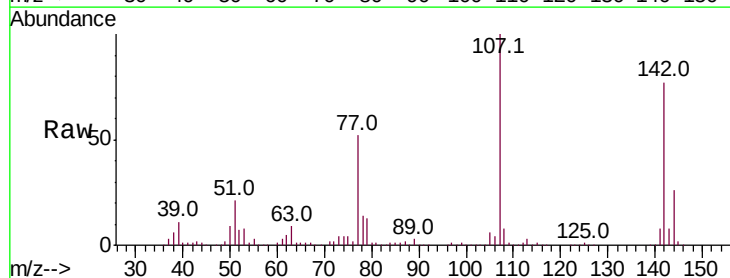
Manual Integrations
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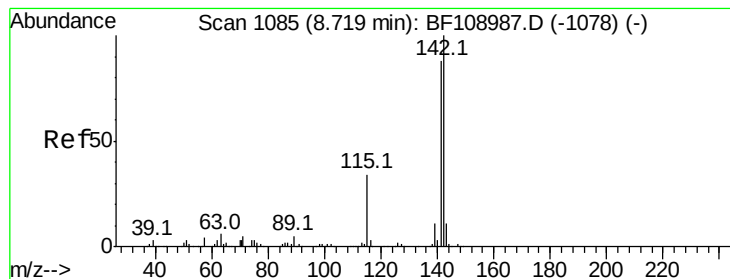
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#36
 4-Chloro-3-methylphenol
 Concen: 39.082 ng/ml
 RT: 8.56 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	77.1	62.0	93.0





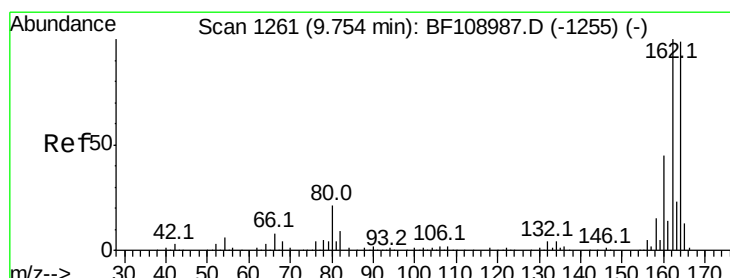
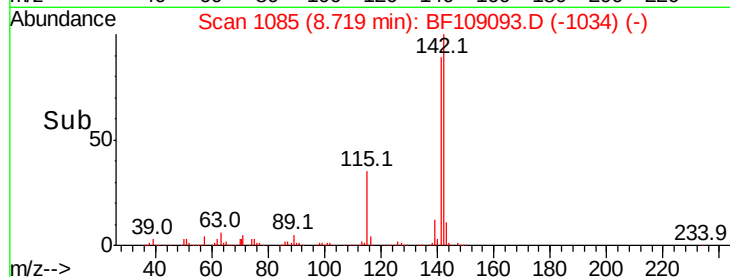
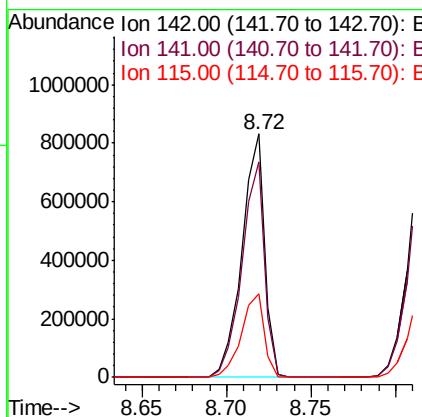
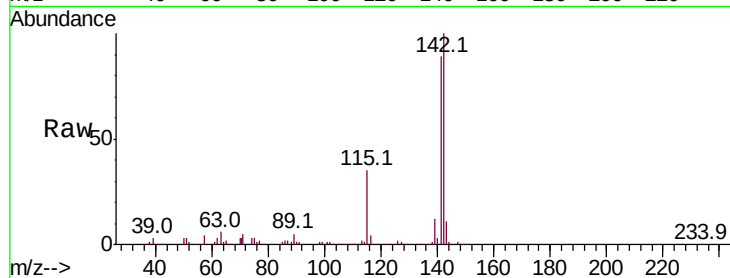
#37
2-Methylnaphthalene
Concen: 42.472 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	34.6	26.1	39.1

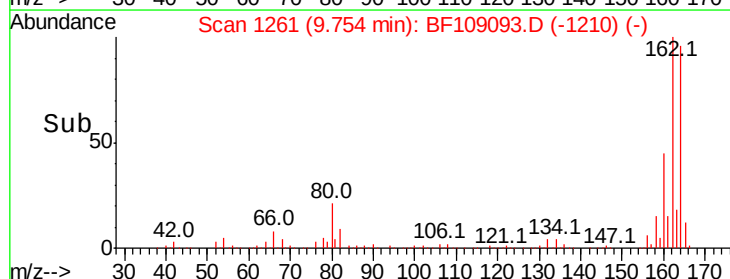
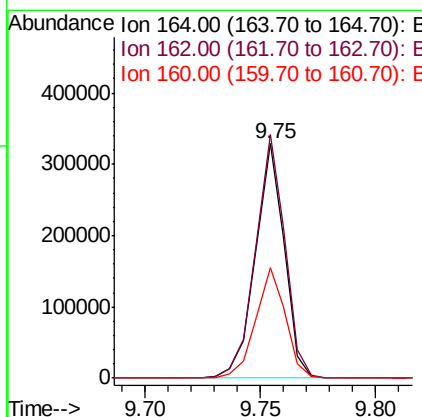
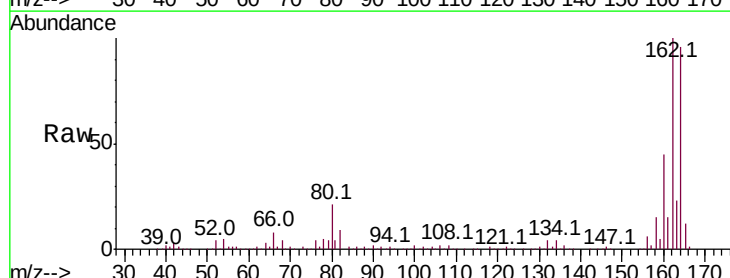
Manual Integrations
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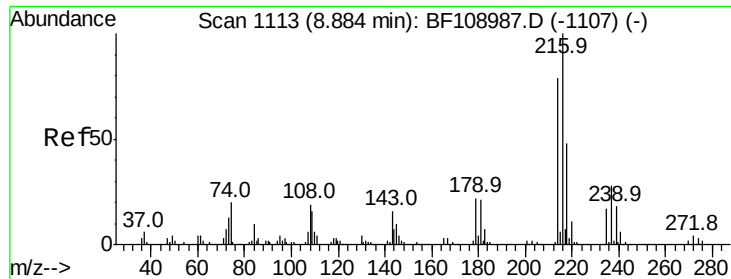
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.1	38.3	57.5





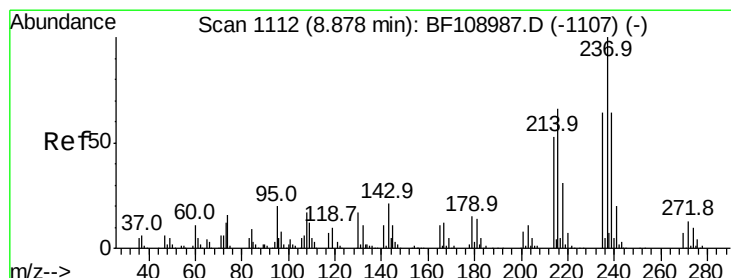
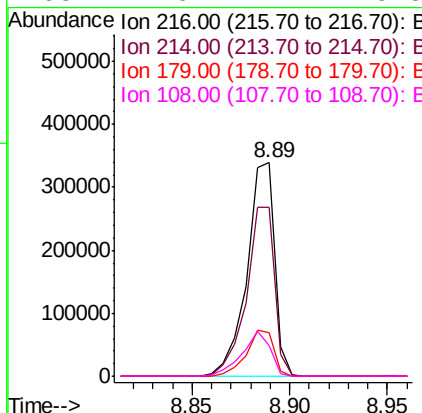
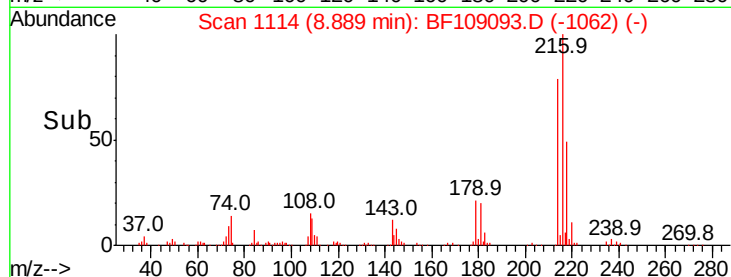
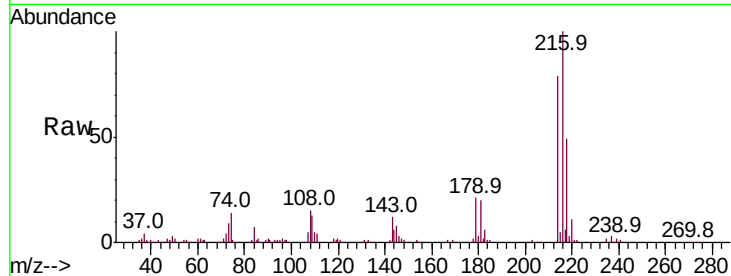
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.001 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.4	63.0	94.4
179	21.3	18.1	27.1
108	21.6	17.2	25.8

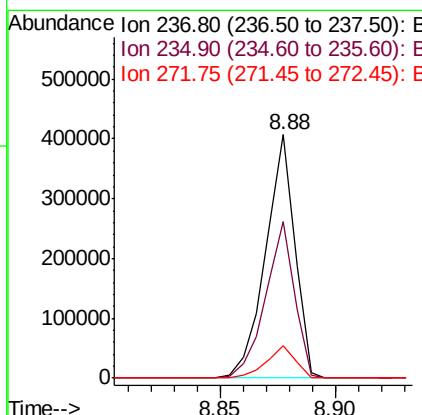
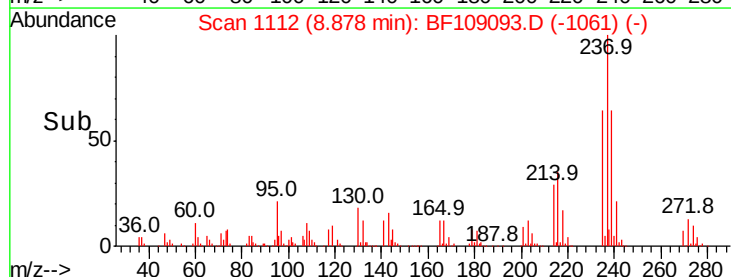
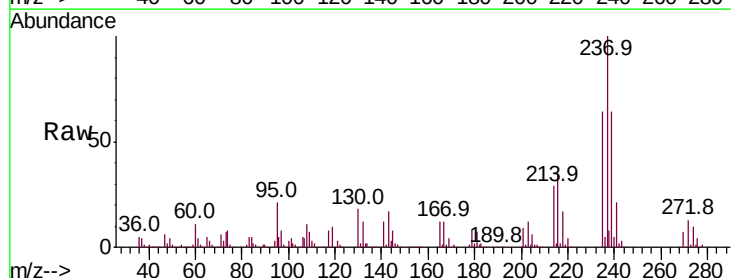
Manual Integrations
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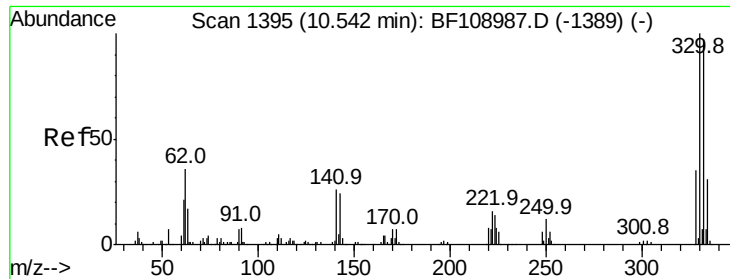
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#40
 Hexachlorocyclopentadiene
 Concen: 78.857 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.2	0.0	33.3





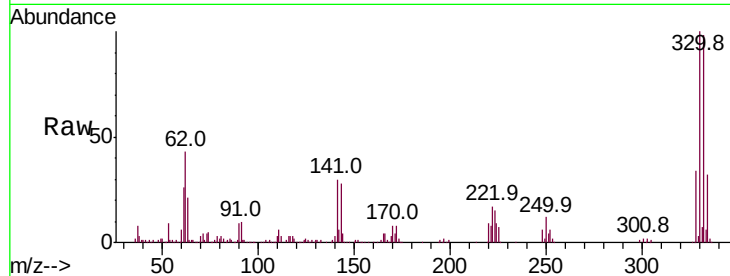
#41
 2,4,6-Tribromophenol
 Concen: 95.950 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	299191		
332	96.6	77.0	115.6	
141	33.0	29.9	44.9	

Manual Integrations
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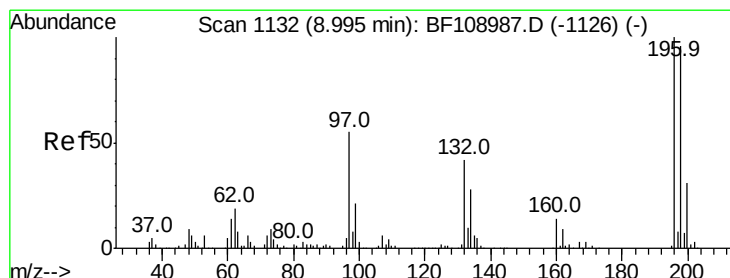
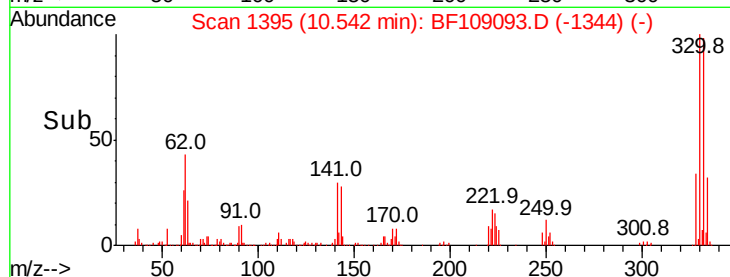
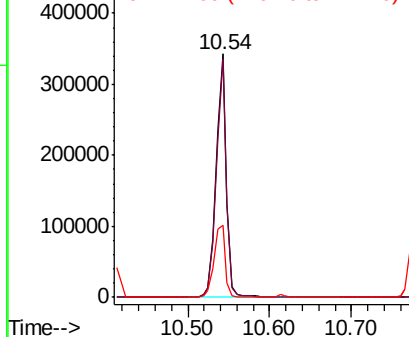


Abundance

Ion 329.80 (329.50 to 330.50): E

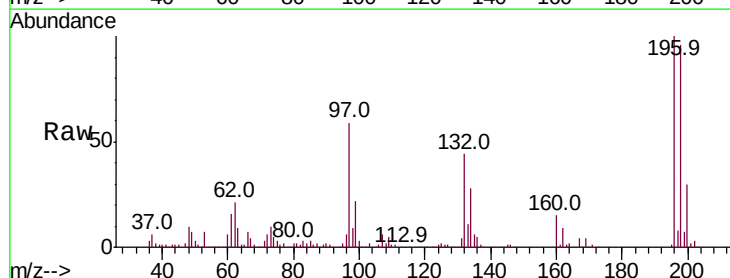
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.479 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246042		
198	95.5	75.7	113.5	
200	30.5	24.5	36.7	

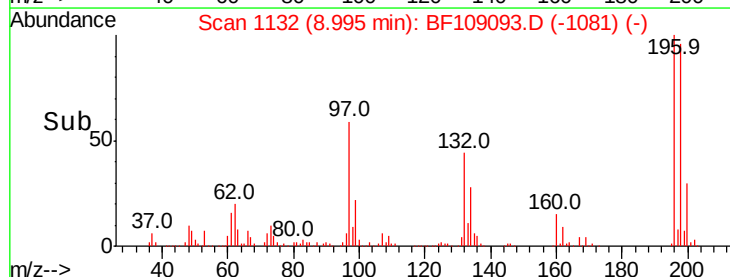
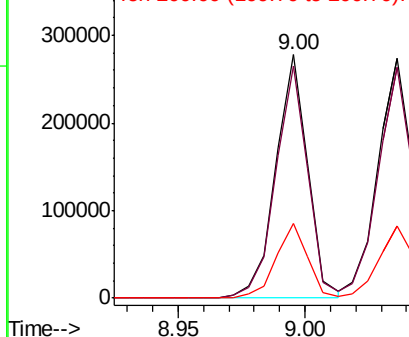


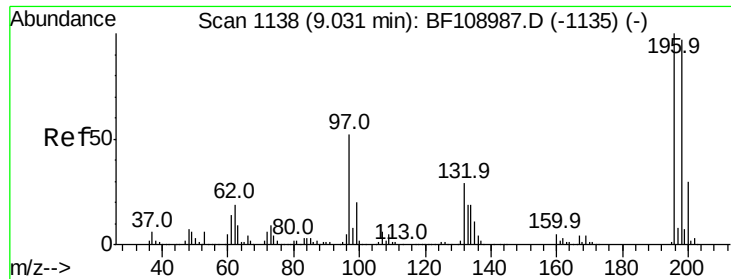
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





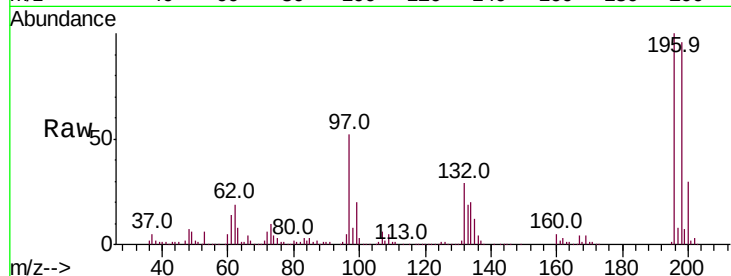
#43
 2,4,5-Trichlorophenol
 Concen: 41.000 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260428		
198	96.1		74.6	112.0
97	52.0		42.9	64.3
132	29.4		26.3	39.5

Manual Integrations
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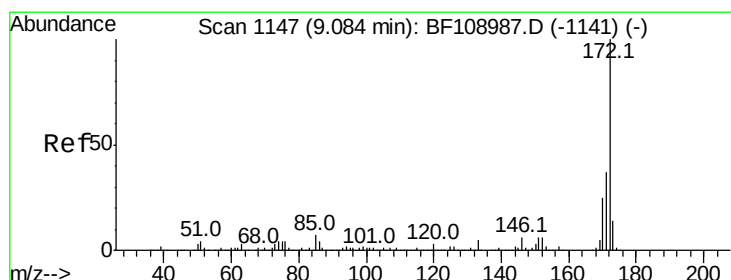
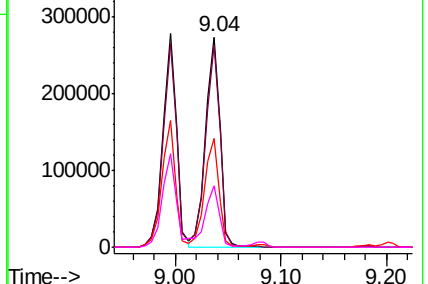
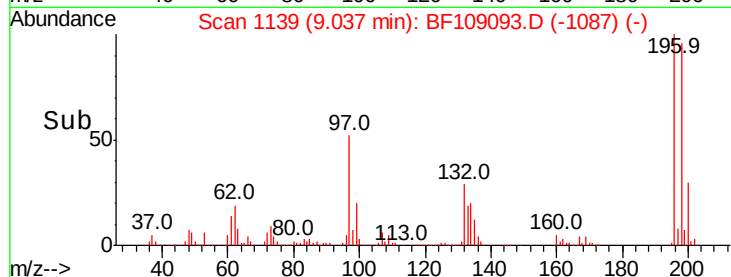
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

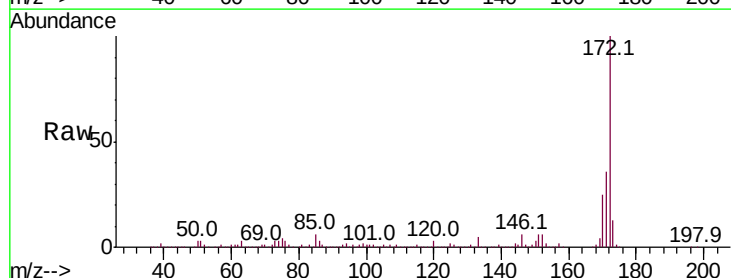
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.010 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1357261		
171	36.1		29.7	44.5
170	24.6		19.6	29.4

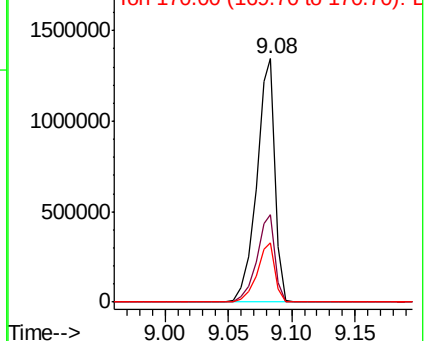
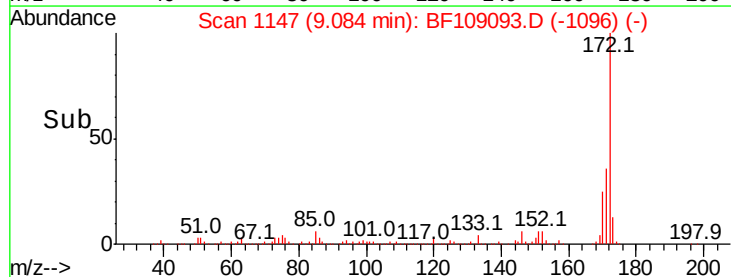


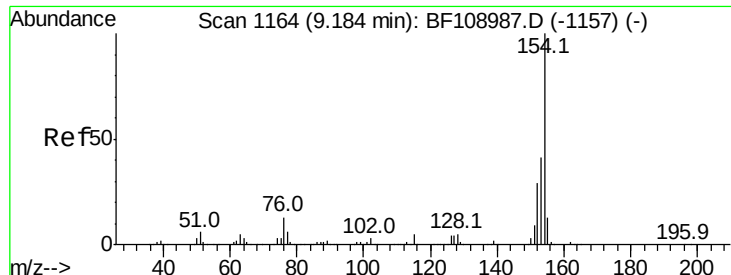
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





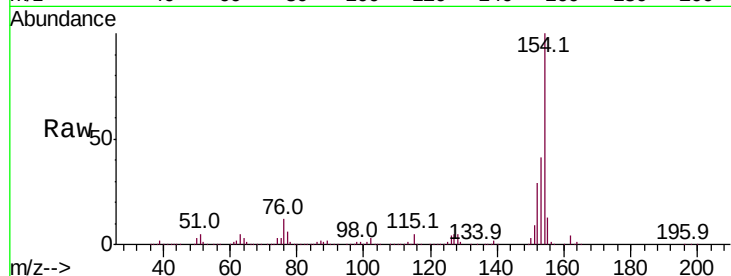
#45
 1,1'-Biphenyl
 Concen: 40.053 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

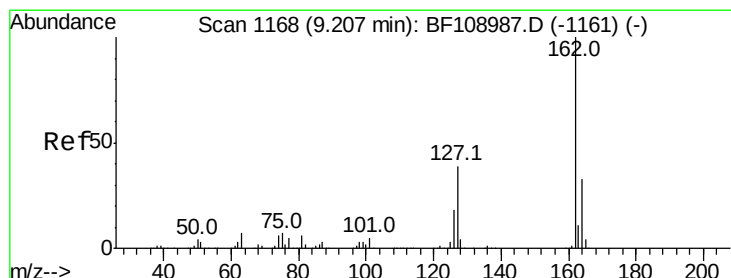
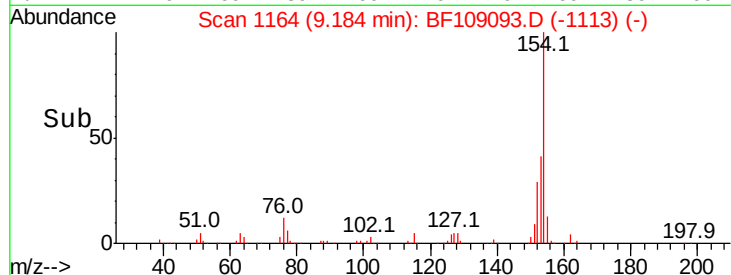
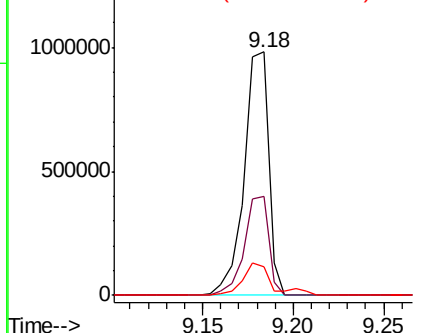
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	11.9	0.0	34.0	

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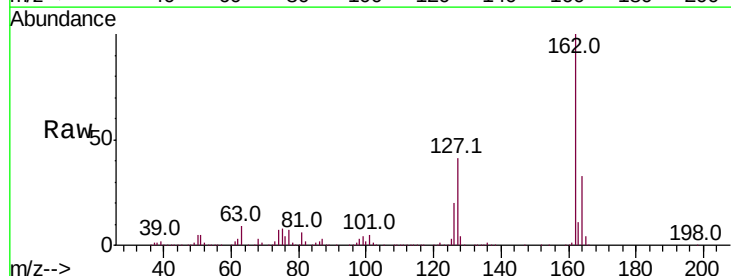


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

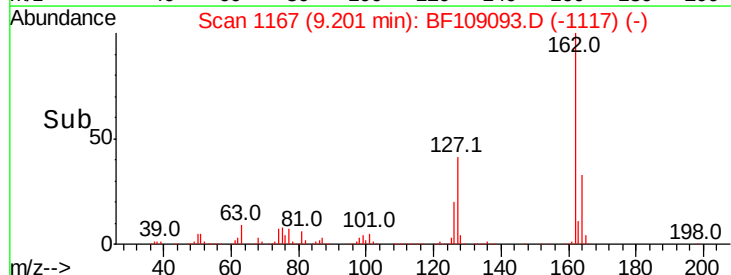
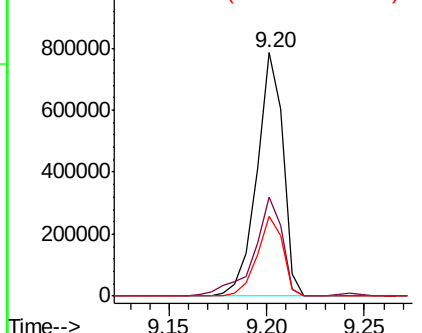


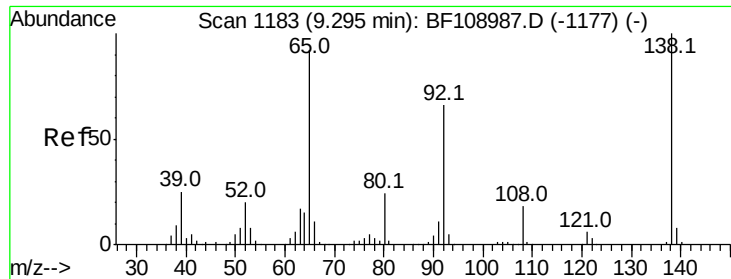
#46
 2-Chloronaphthalene
 Concen: 39.438 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	33.9	50.9	
164	32.8	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





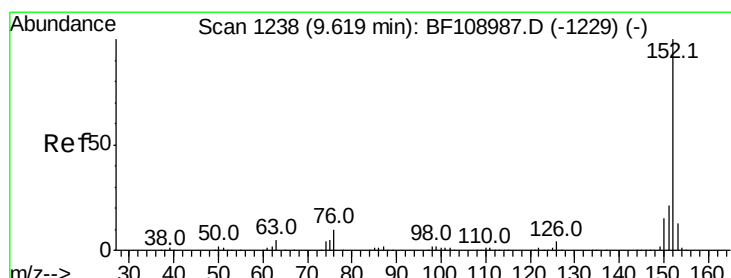
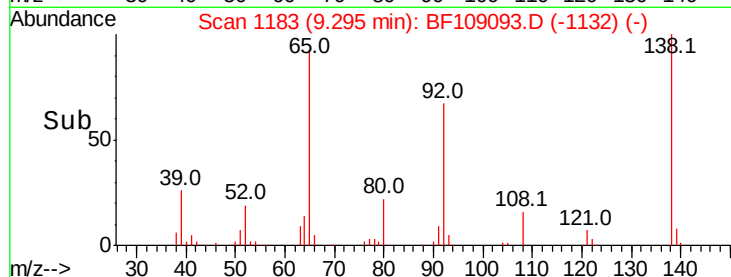
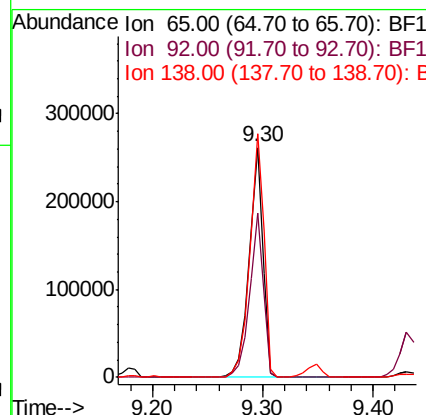
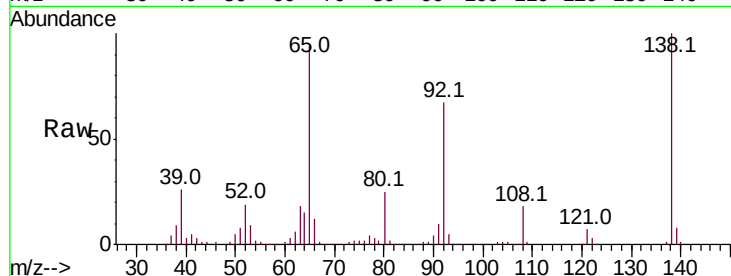
#47
 2-Nitroaniline
 Concen: 41.017 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion:	65	Resp:	232133
Ion Ratio	Lower	Upper	
65	100		
92	71.3	55.8	83.6
138	105.9	91.2	136.8

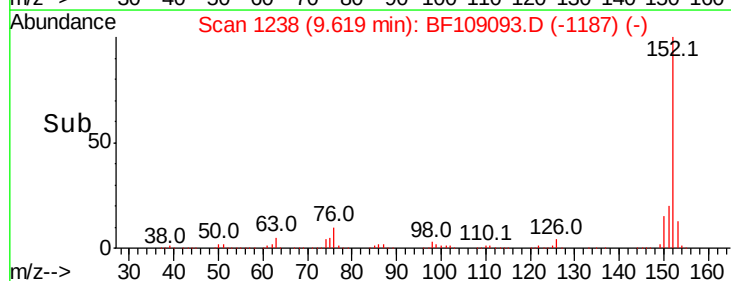
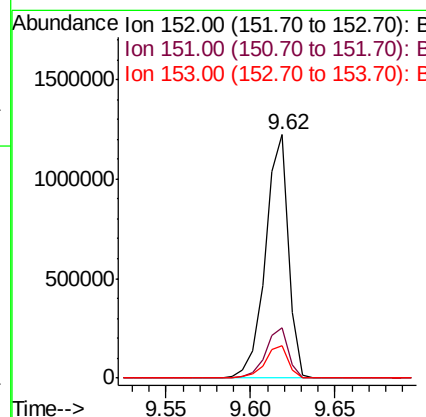
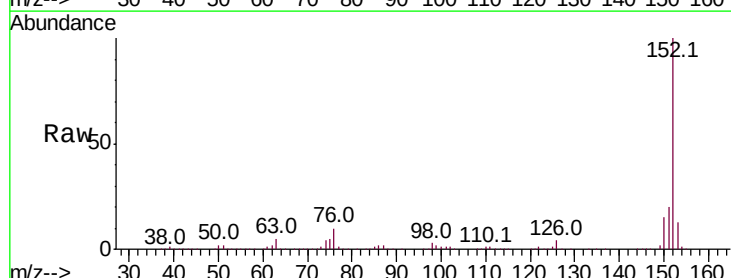
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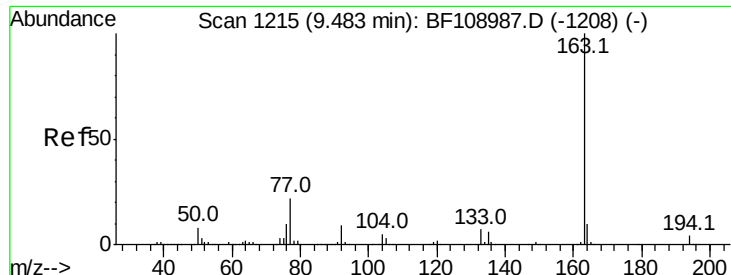
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#48
 Acenaphthylene
 Concen: 41.532 ng
 RT: 9.62 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:	152	Resp:	1152769
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1





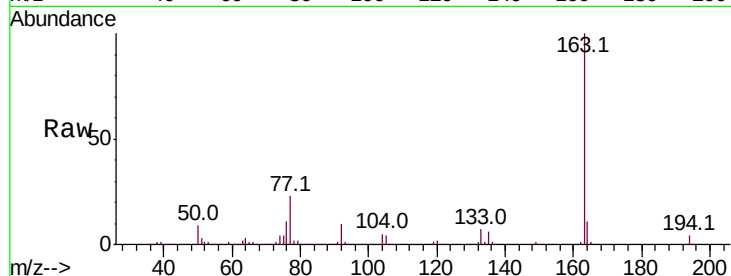
#49
Dimethylphthalate
Concen: 39.947 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

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

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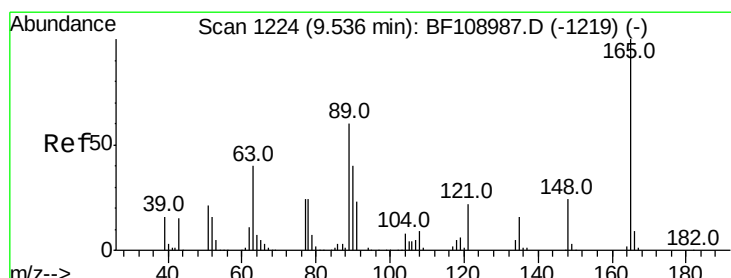
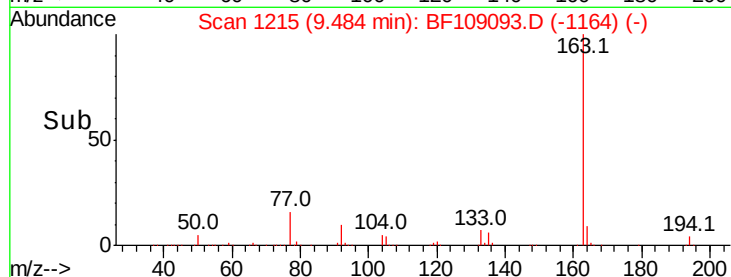
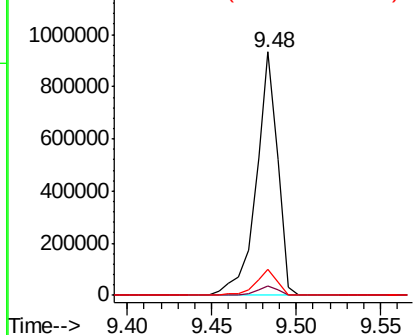


Abundance

Ion 163.00 (162.70 to 163.70): E

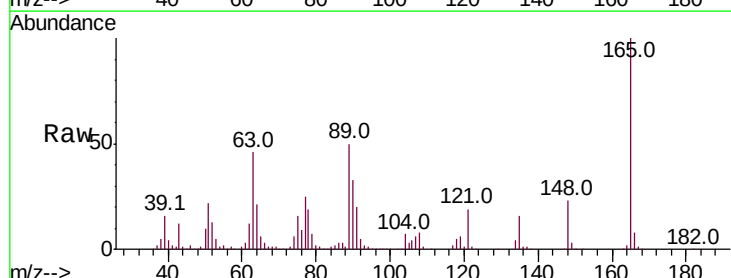
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 40.615 ng
RT: 9.54 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.6	44.7	67.1	
89	50.5	44.0	66.0	

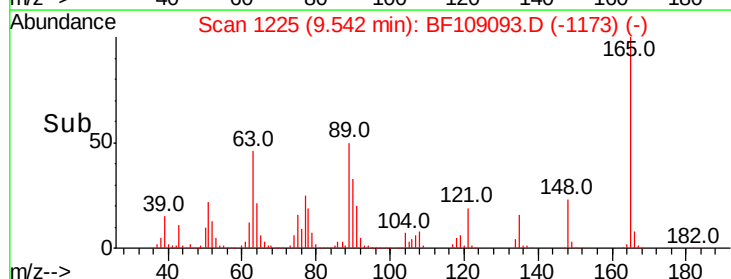
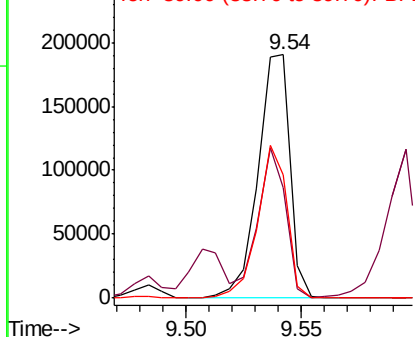


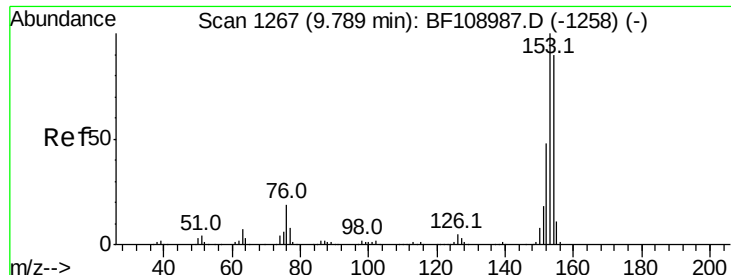
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.294 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

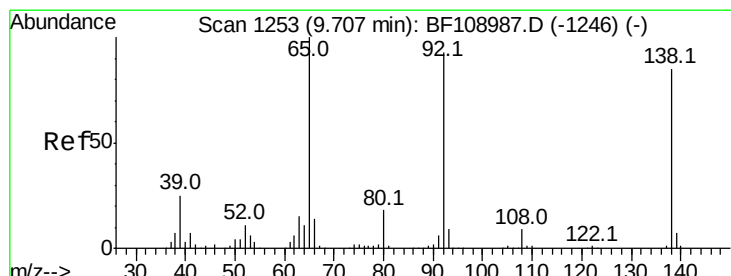
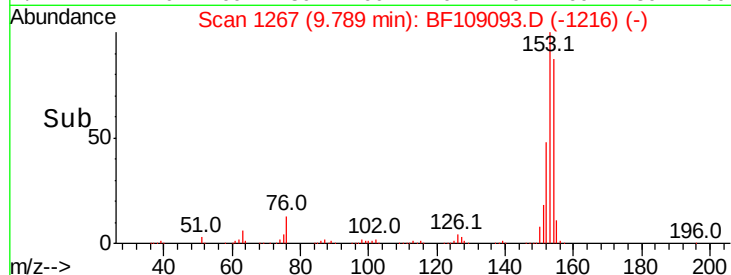
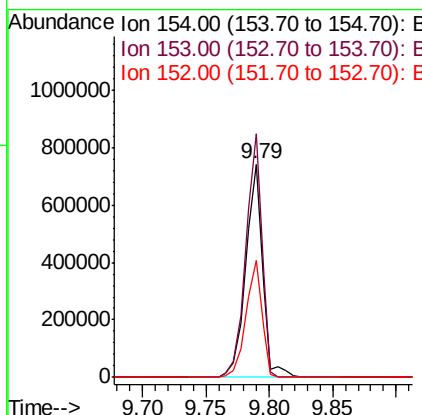
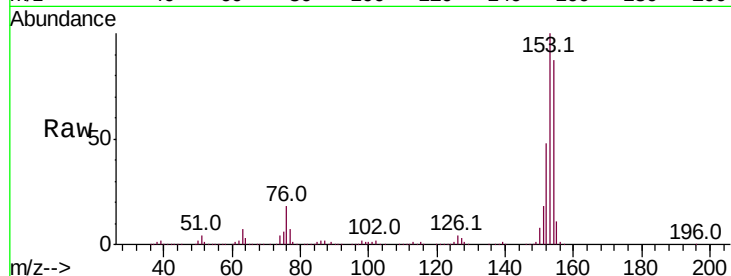
ClientSampleId :

PB112950BS

Tot Ion:	154	Resp:	679130
Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	54.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 32.376 ng

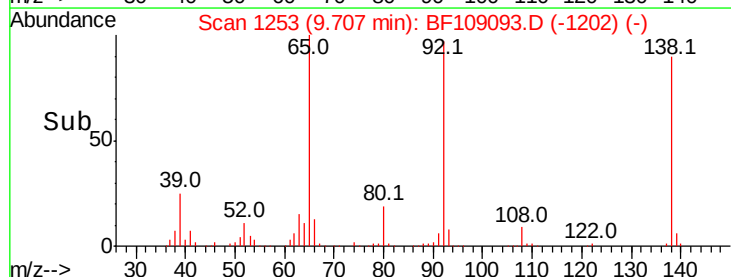
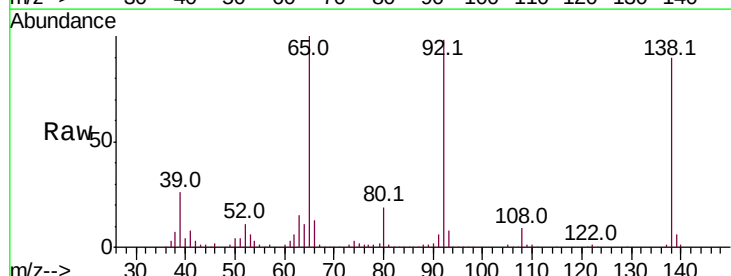
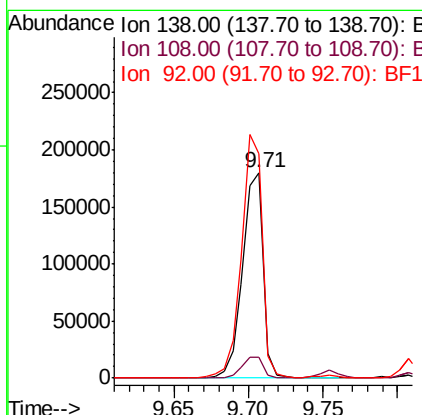
RT: 9.71 min Scan# 1253

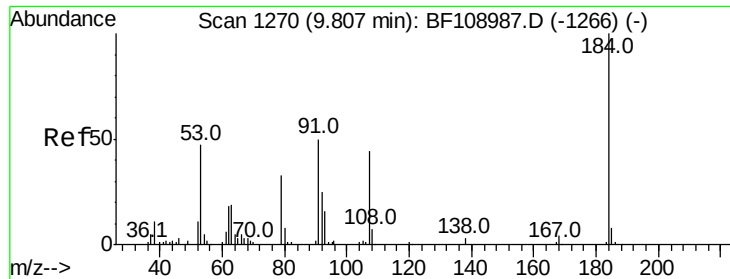
Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:	138	Resp:	173618
Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	108.8	89.4	134.2





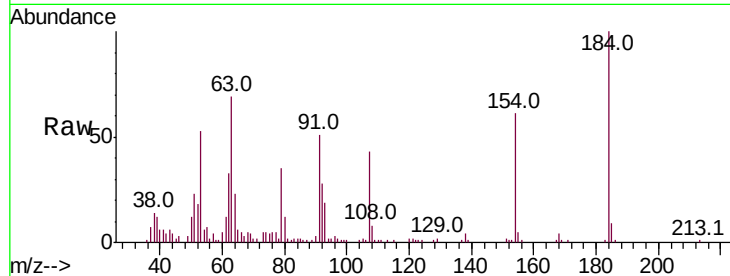
#53
 2,4-Dinitrophenol
 Concen: 25.828 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampled :
 PB112950BS

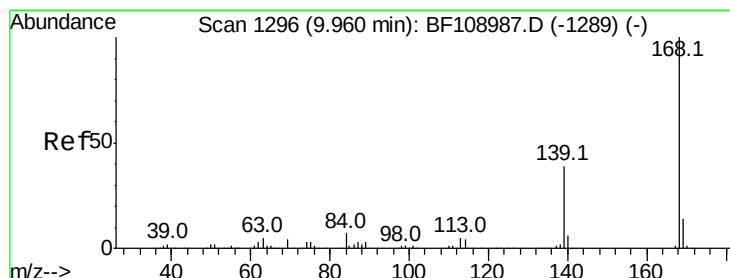
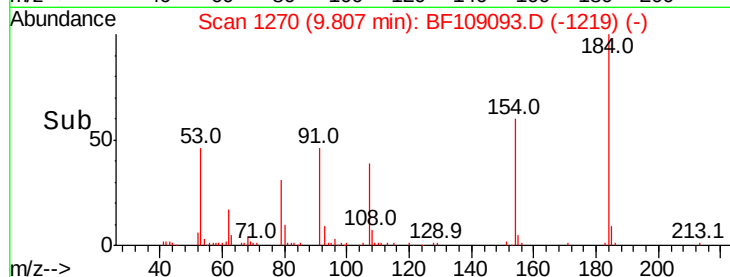
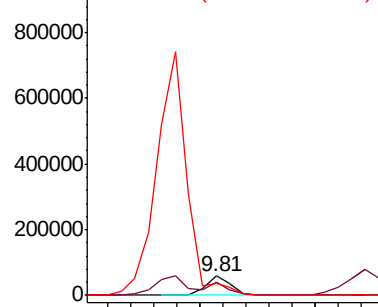
Tot Ion	Ratio	Lower	Upper
184	100		
63	69.5	54.2	81.2
154	61.2	184.0	276.0#

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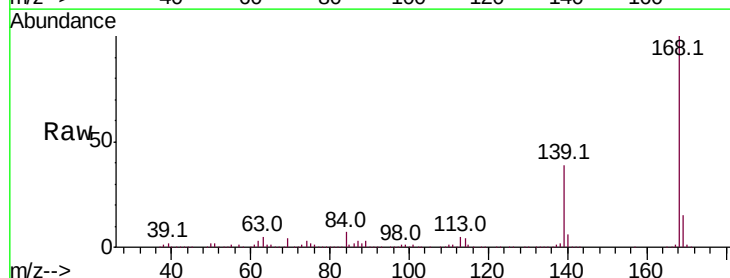


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

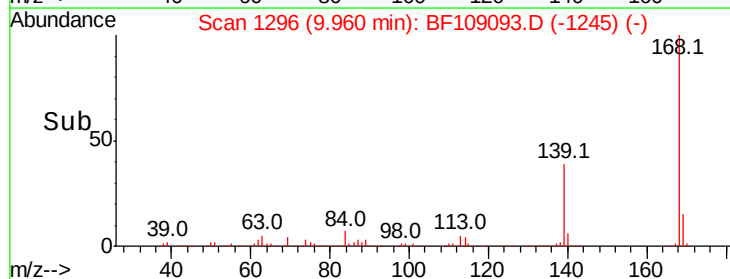
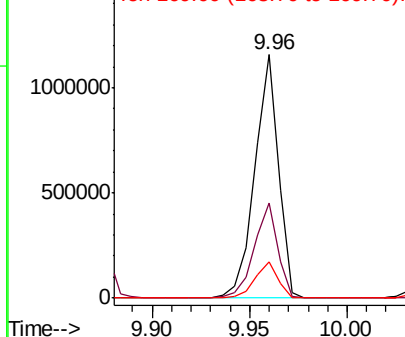


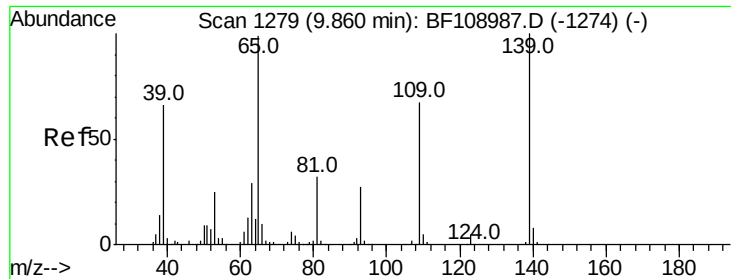
#54
 Dibenzofuran
 Concen: 38.963 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.7	10.9	16.3



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





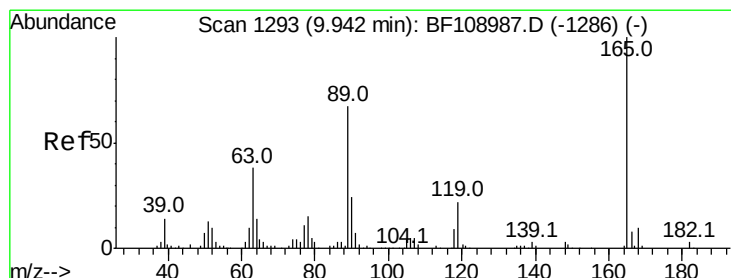
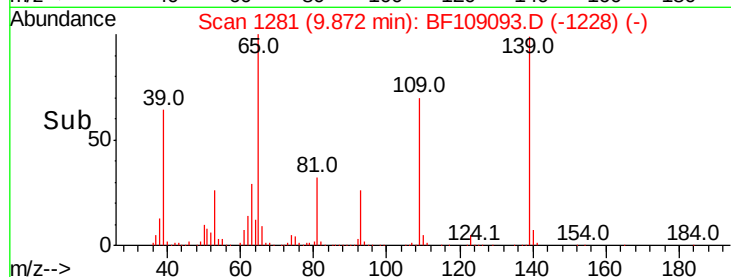
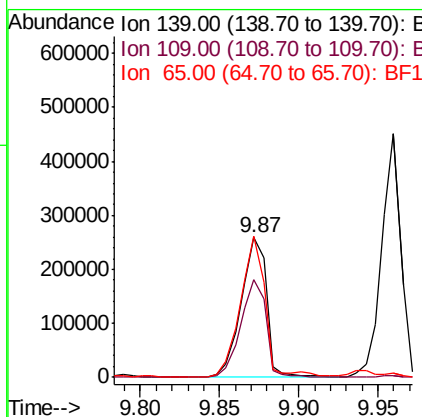
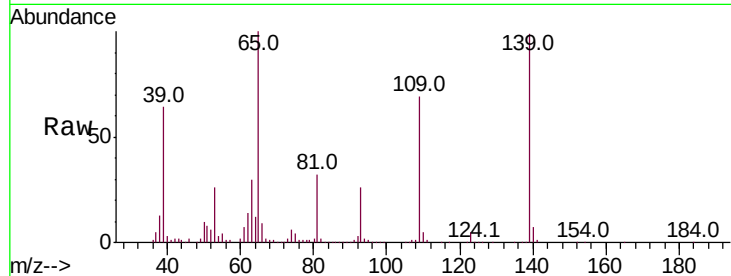
#55
4-Nitrophenol
Concen: 72.608 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.3	48.4	88.4
65	101.3	72.6	112.6

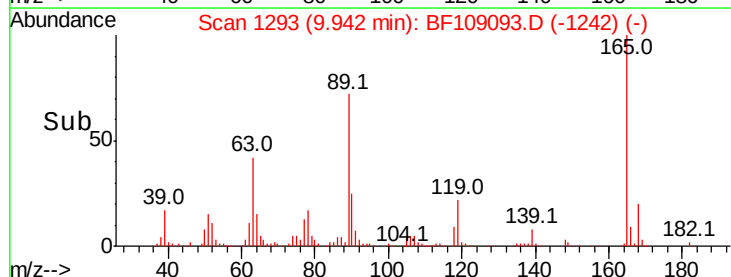
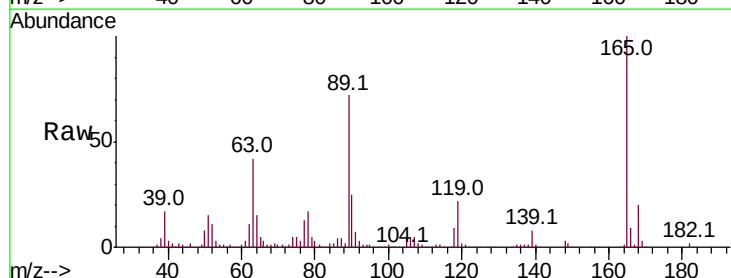
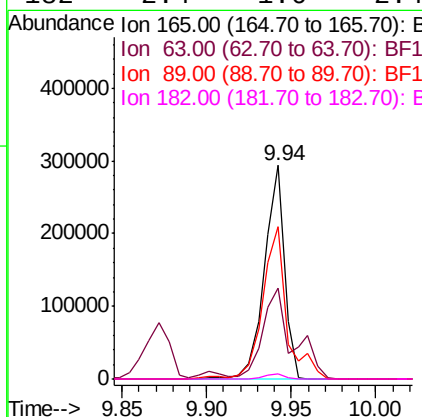
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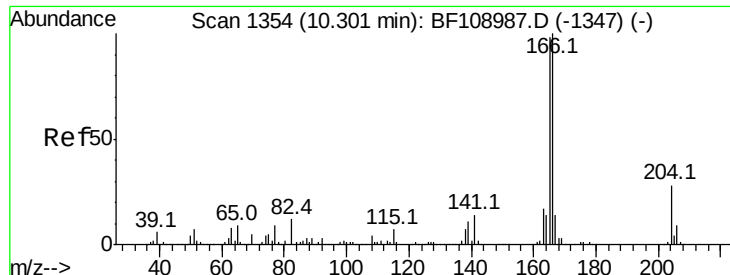
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#56
2,4-Dinitrotoluene
Concen: 40.635 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	36.4	54.6
89	71.5	57.8	86.6
182	2.4	1.6	2.4#





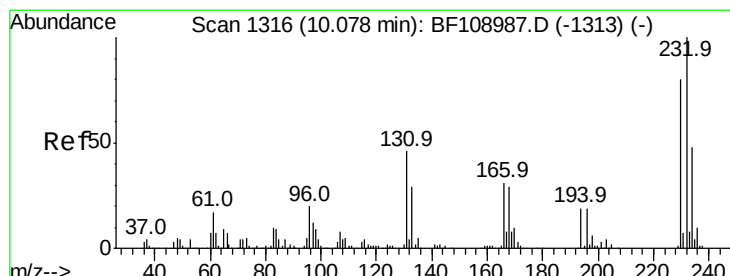
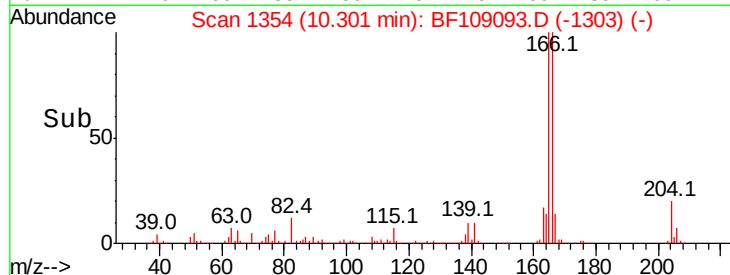
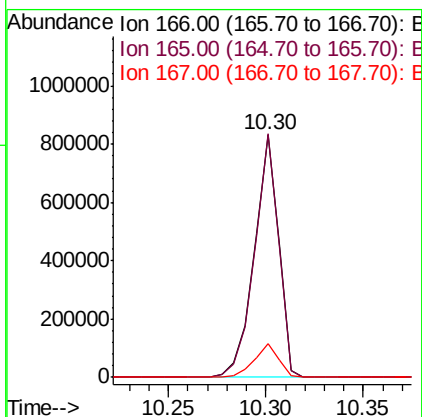
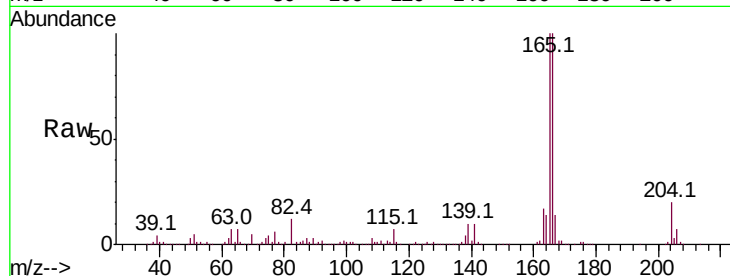
#57
 Fluorene
 Concen: 43.219 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	14.0	10.6	16.0

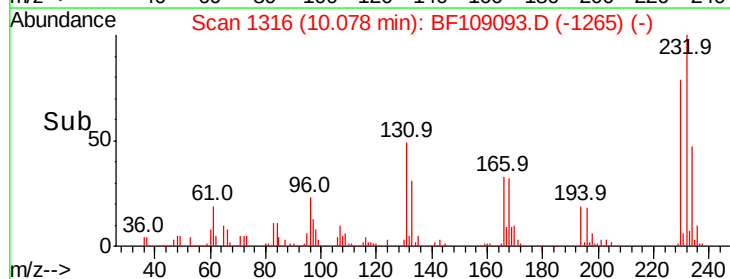
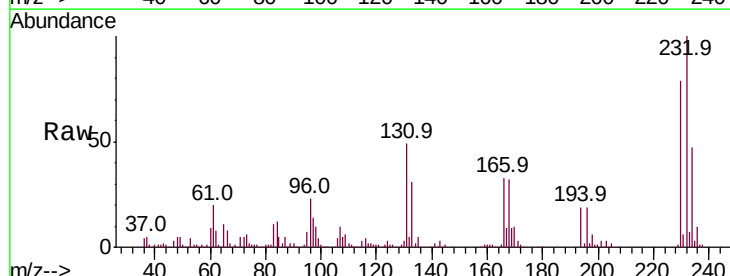
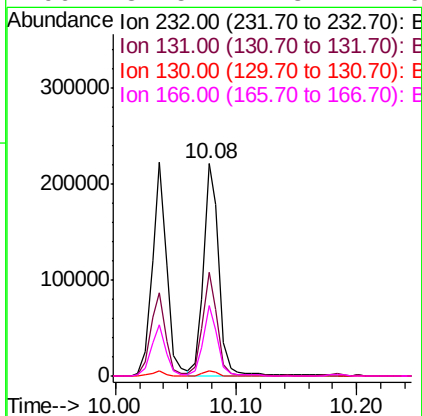
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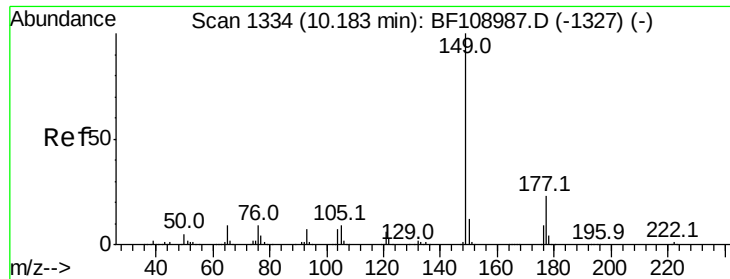
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.907 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.0	43.8	65.8
130	2.3	2.1	3.1
166	31.5	27.8	41.6





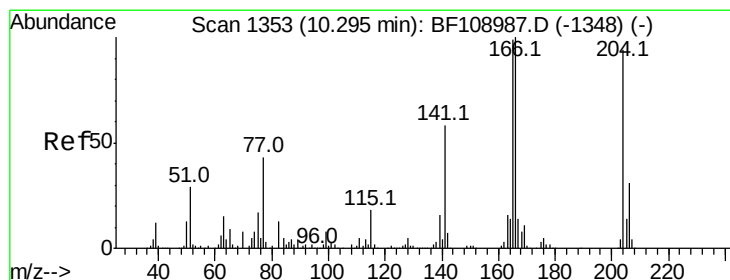
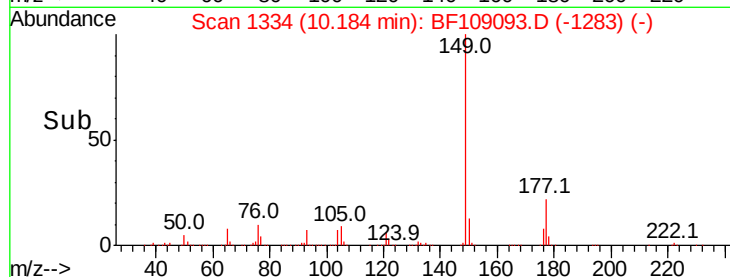
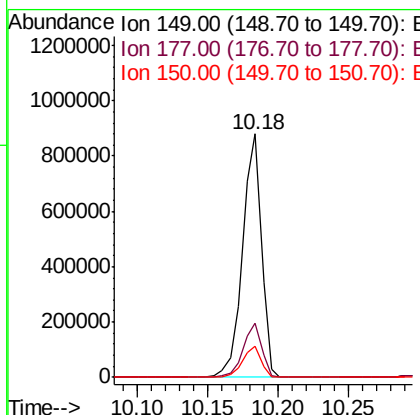
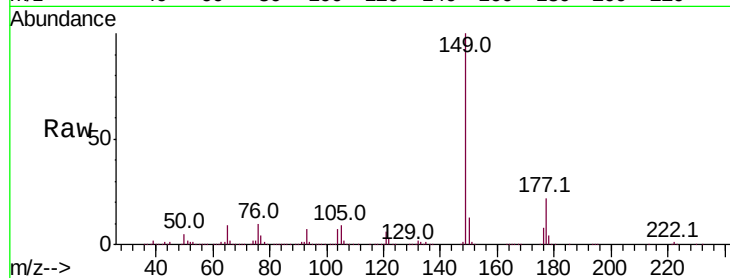
#59
Diethylphthalate
Concen: 39.520 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	819548		
177	22.4	16.1	24.1	
150	12.6	10.1	15.1	

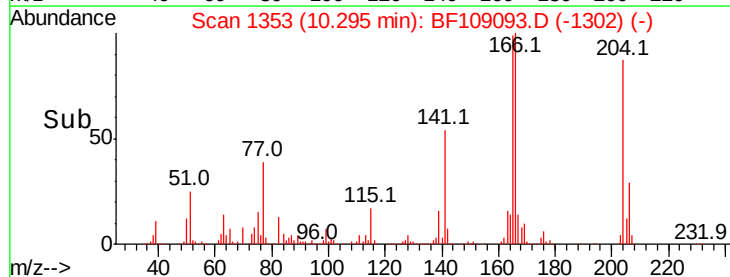
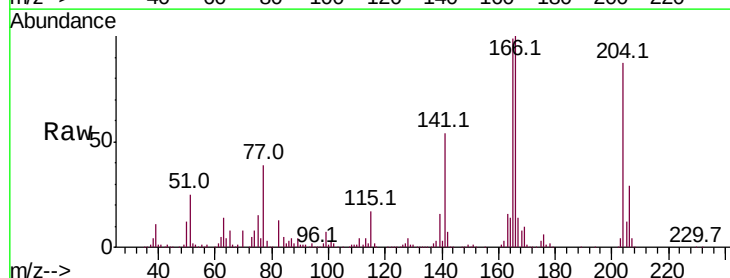
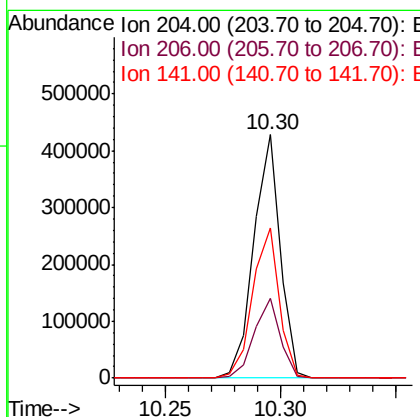
Manual Integrations
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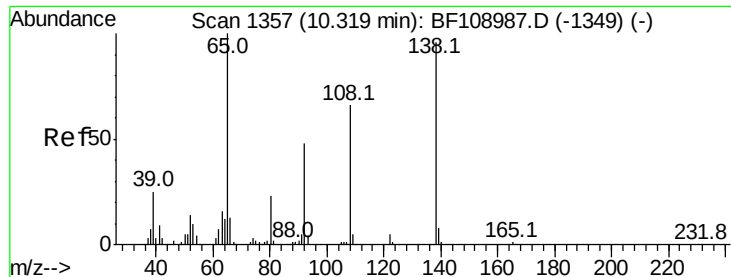
Sohil
9/18/2018 6:19:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.749 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345340		
206	32.9	26.5	39.7	
141	61.5	54.6	81.8	





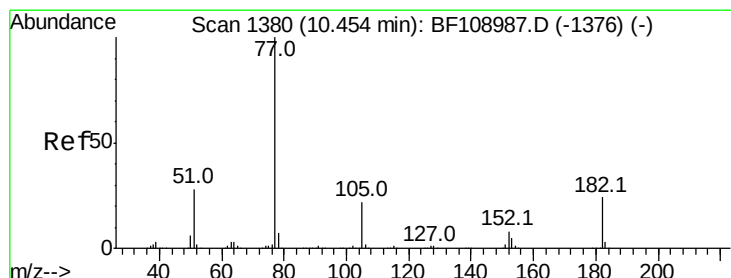
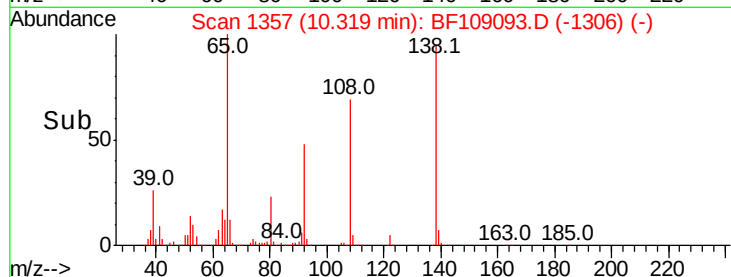
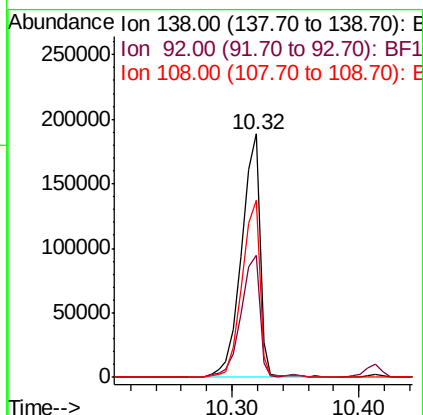
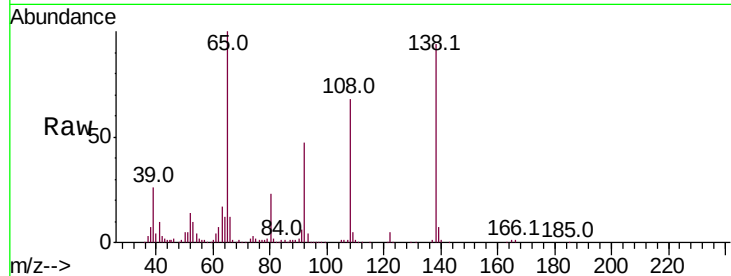
#61
4-Nitroaniline
Concen: 37.420 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampled :
PB112950BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.2	30.2	70.2
108	72.5	52.5	92.5

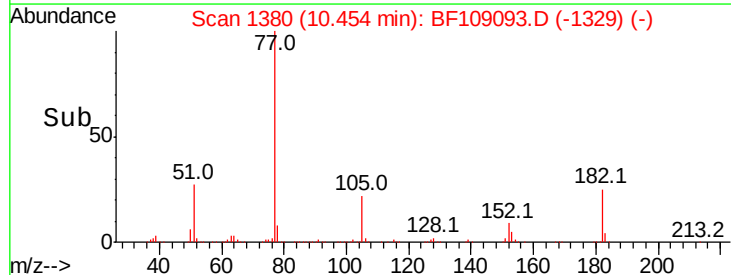
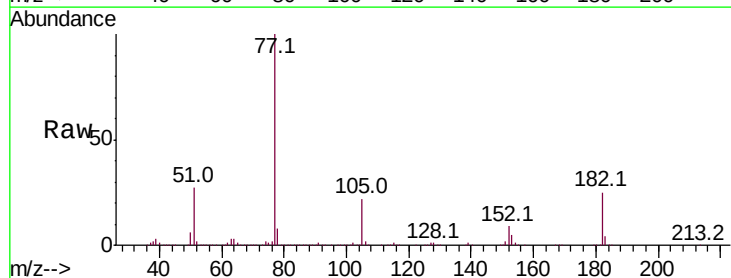
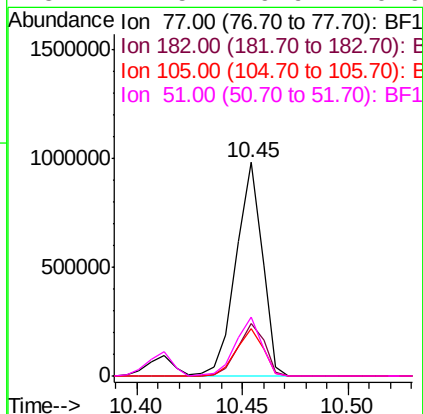
Manual Integrations
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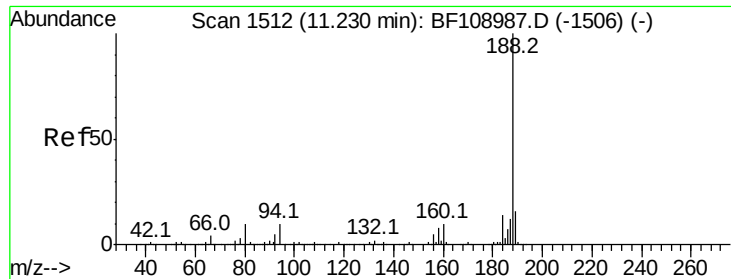
Sohil
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#62
Azobenzene
Concen: 39.540 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	22.3	3.0	43.0
51	27.5	9.9	49.9





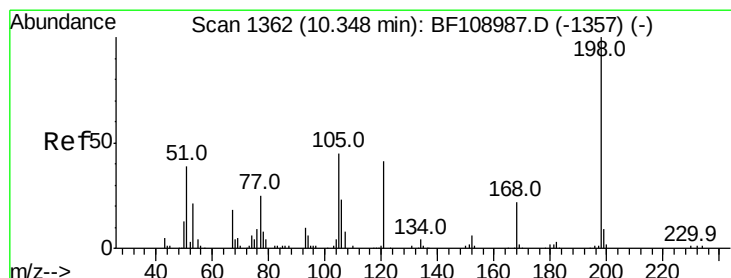
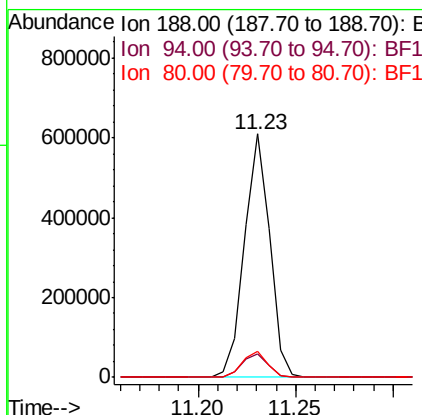
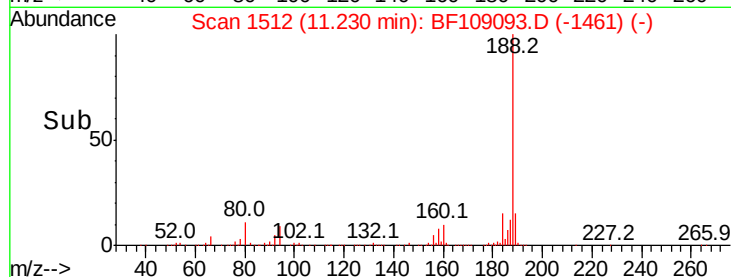
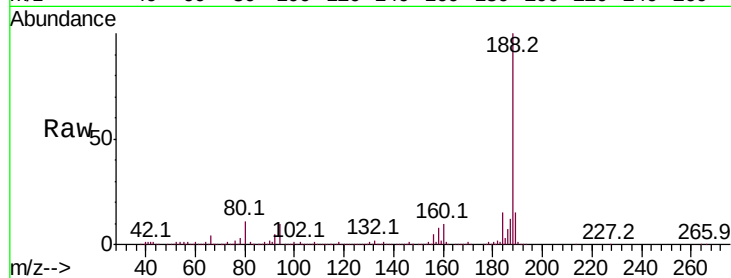
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	8.5	12.7	
80	10.6	9.2	13.8	

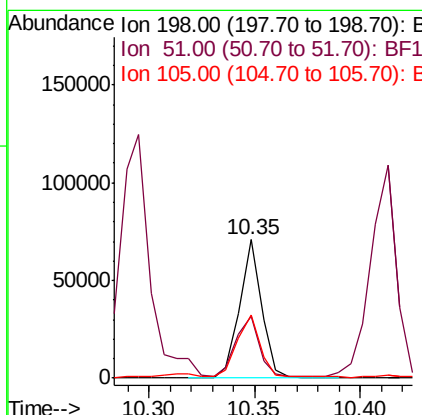
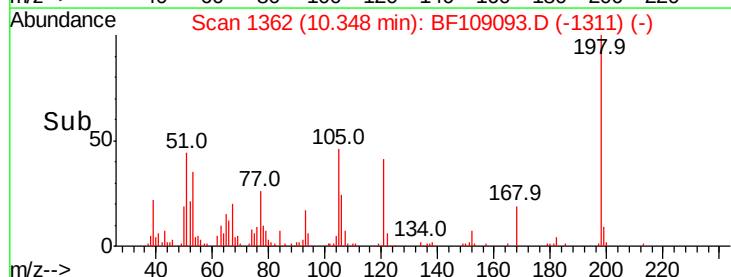
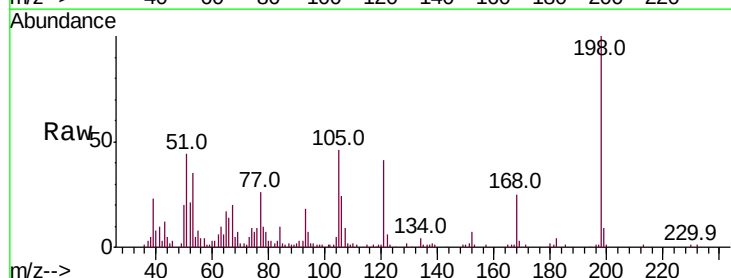
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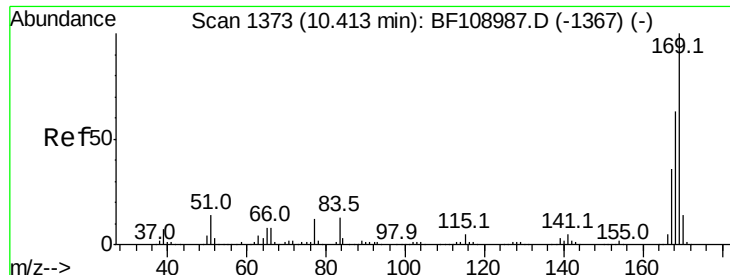
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.527 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.4	37.7	77.7	
105	45.7	36.3	76.3	





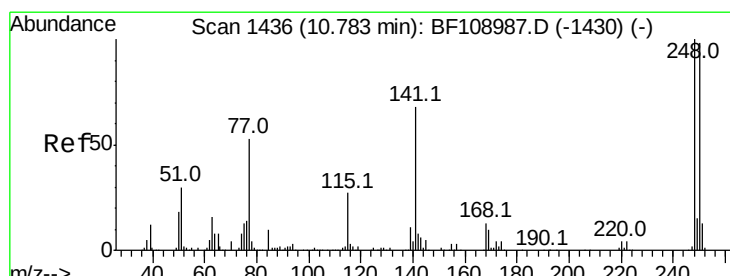
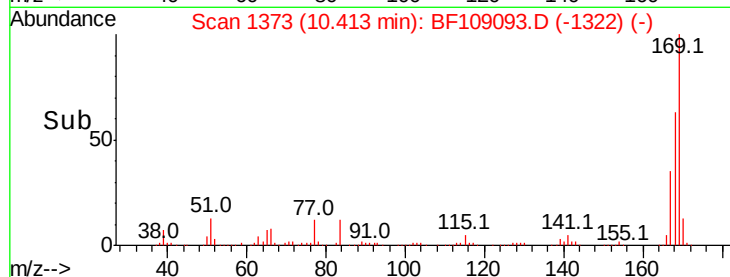
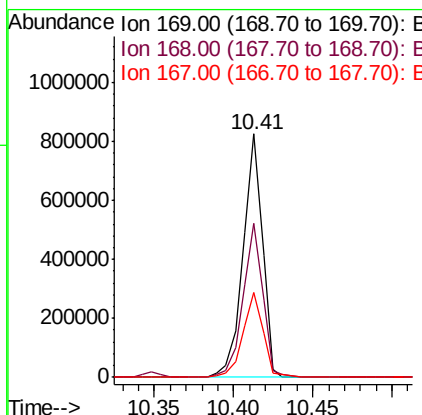
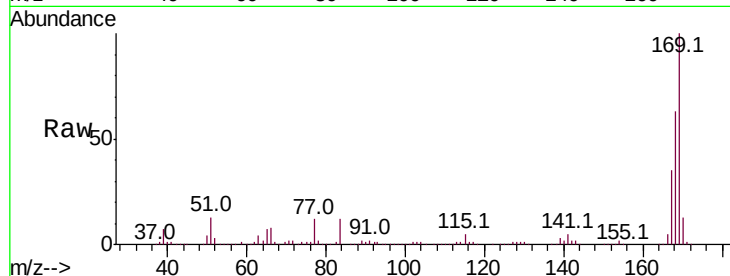
#65
 n-Nitrosodiphenylamine
 Concen: 38.896 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.1	54.4	81.6	
167	35.1	29.8	44.6	

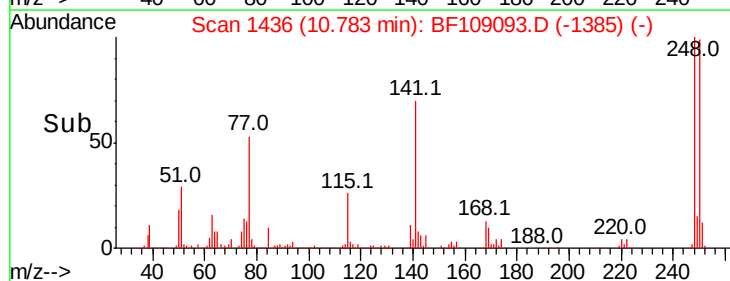
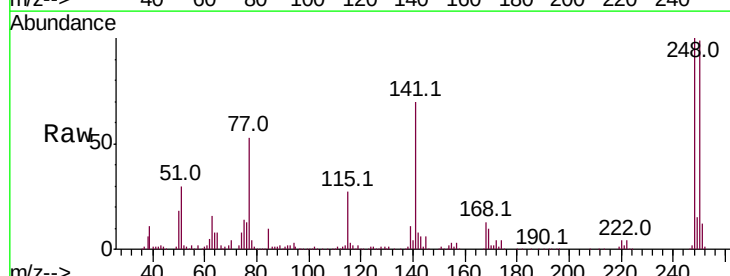
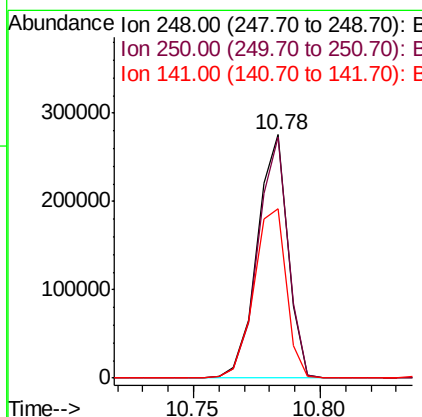
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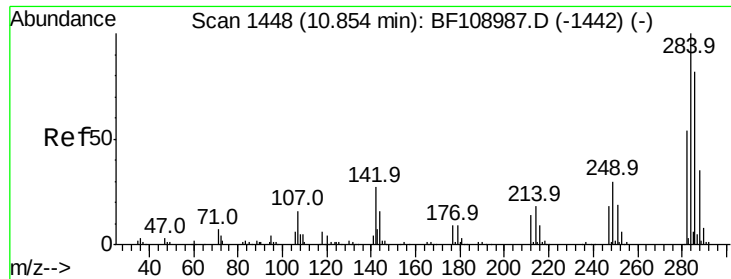
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#66
 4-Bromophenyl-phenylether
 Concen: 37.690 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.9	76.9	115.3	
141	69.6	74.4	111.6	





#67

Hexachlorobenzene

Concen: 37.696 ng

RT: 10.85 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

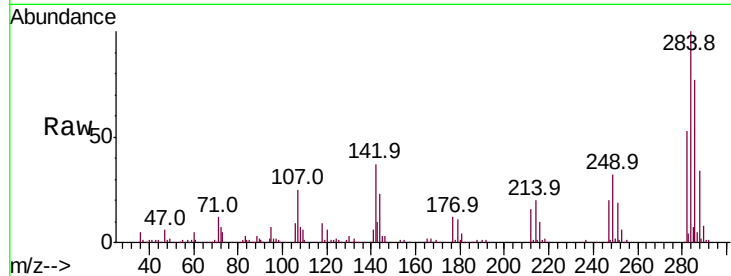
ClientSampleId :

PB112950BS

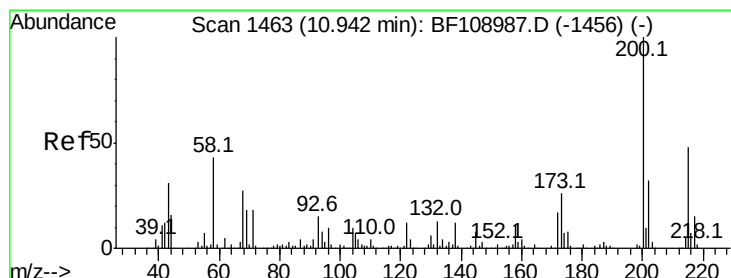
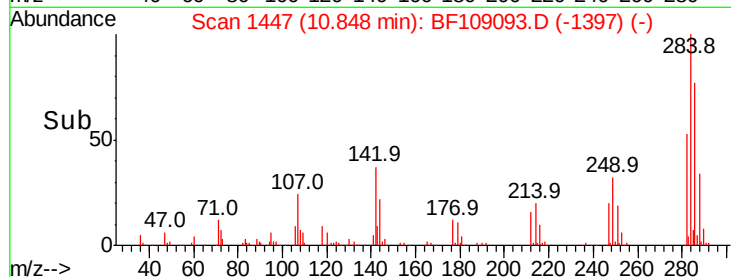
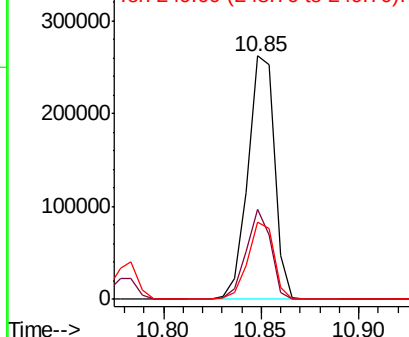
Tot Ion:	284	Resp:	249541
Ion Ratio	Lower	Upper	
284	100		
142	37.0	34.6	52.0
249	31.6	24.8	37.2

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



#68

Atrazine

Concen: 37.964 ng

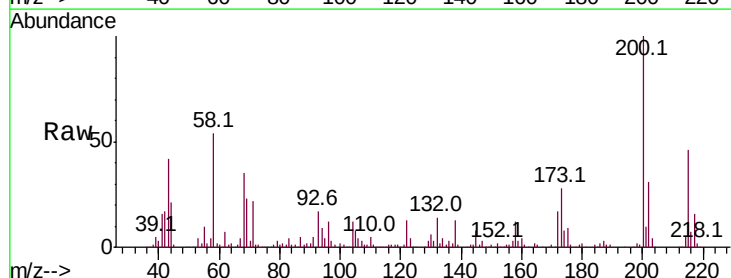
RT: 10.94 min Scan# 1463

Delta R.T. 0.00 min

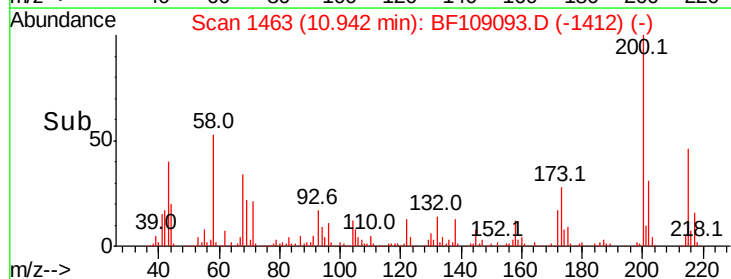
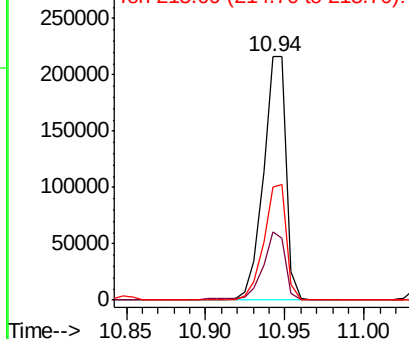
Lab File: BF109093.D

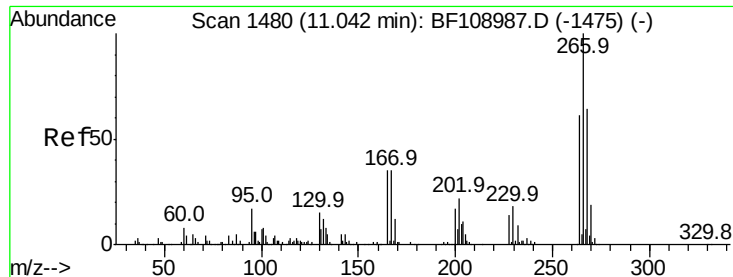
Acq: 18 Sep 2018 14:12

Tgt Ion:	200	Resp:	218233
Ion Ratio	Lower	Upper	
200	100		
173	28.1	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





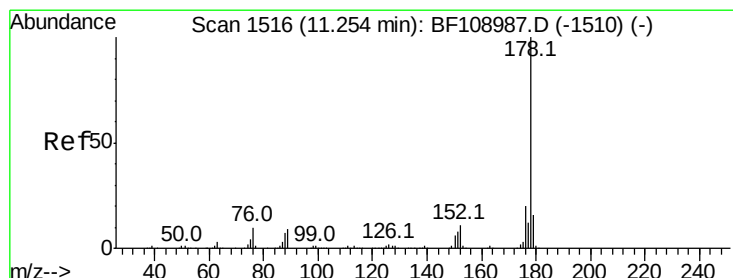
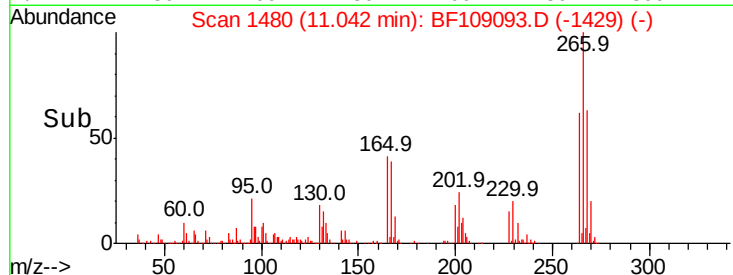
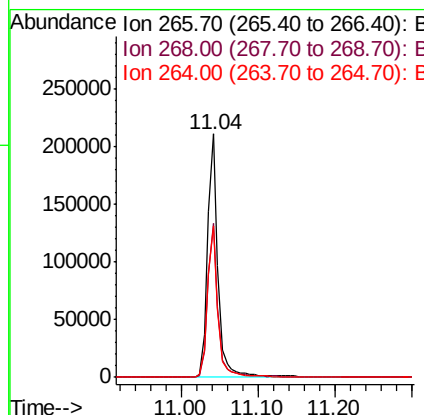
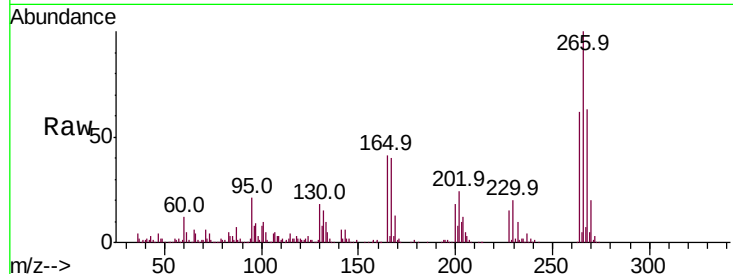
#69
 Pentachlorophenol
 Concen: 47.370 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampled :
 PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	200631		
268	63.5	51.1	76.7	
264	62.2	49.5	74.3	

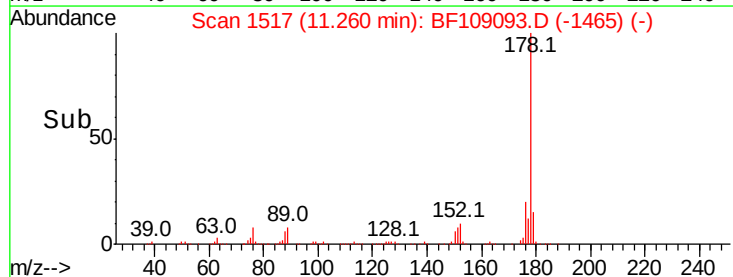
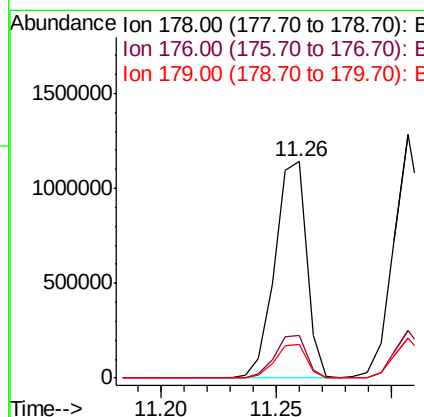
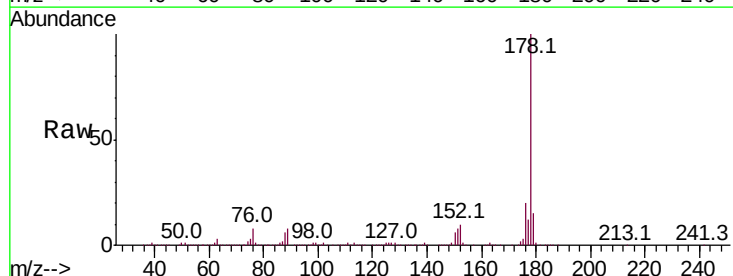
Manual Integrations
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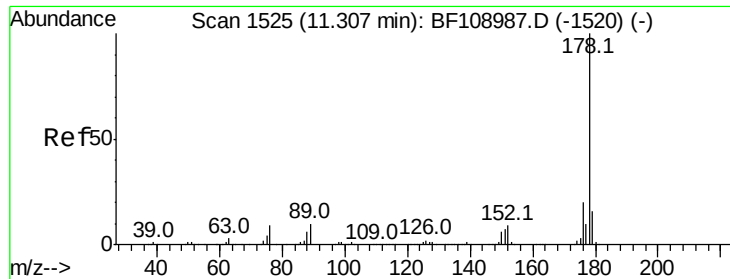
Sohil
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#70
 Phenanthrene
 Concen: 40.554 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1091315		
176	19.9	15.8	23.8	
179	15.4	13.0	19.6	





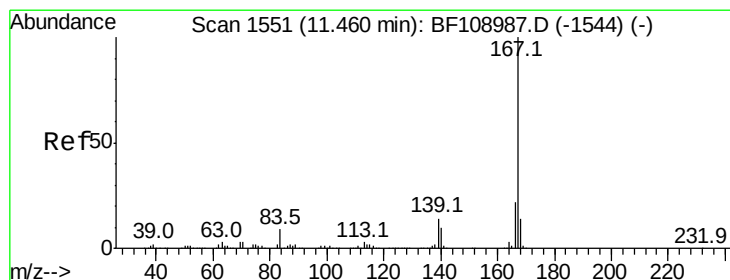
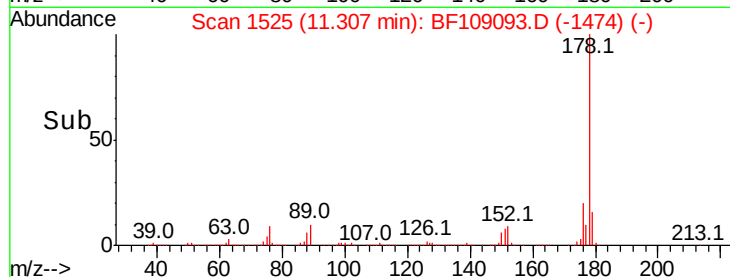
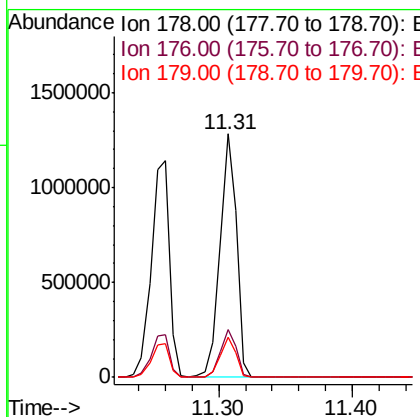
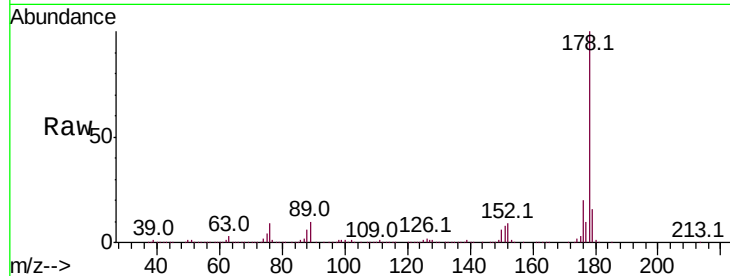
#71
 Anthracene
 Concen: 41.337 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.3	12.6	19.0

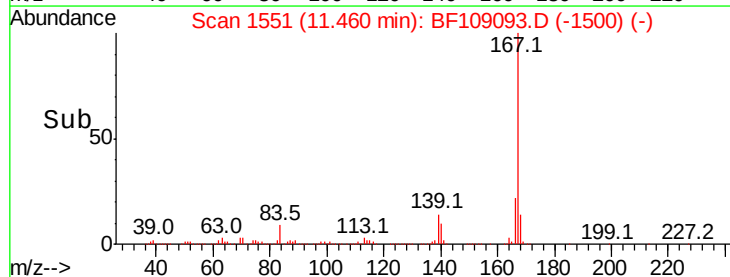
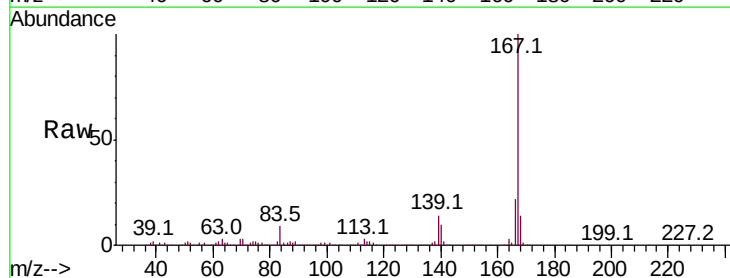
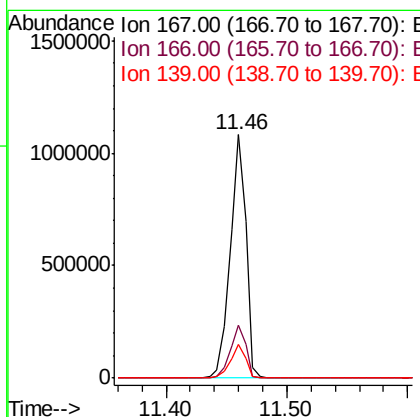
Manual Integrations
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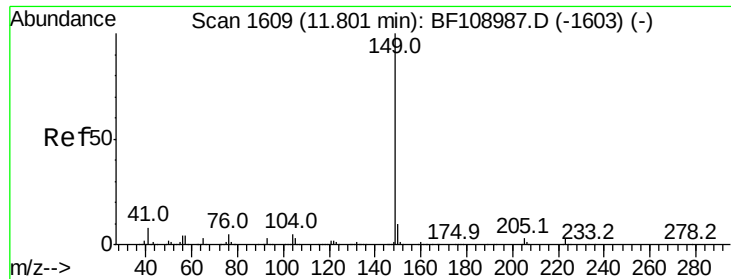
Sohil
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#72
 Carbazole
 Concen: 36.309 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.953 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

PB112950BS

Tot Ion:149 Resp: 1168083

Ion Ratio Lower Upper

149 100

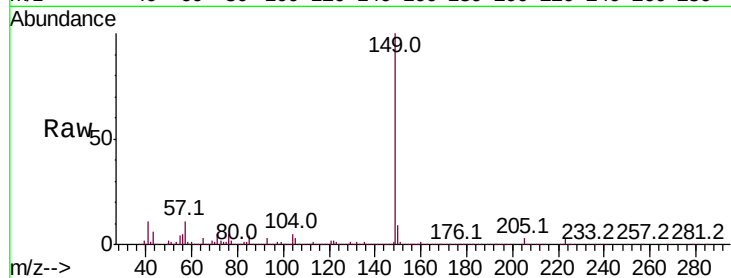
150 9.5 7.8 11.6

104 5.2 3.8 5.8

Manual Integrations
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Sohil

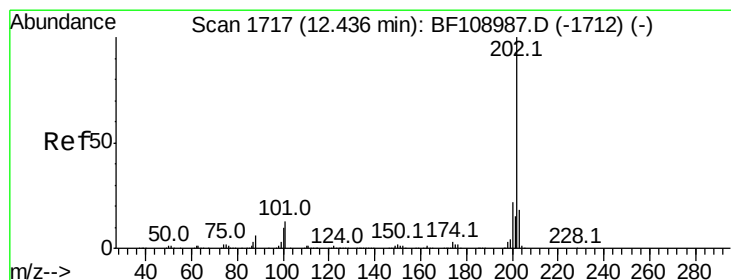
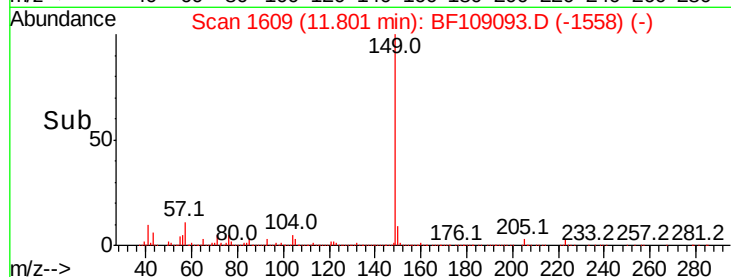
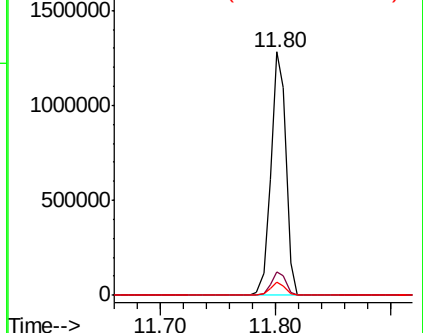
9/18/2018 6:19:09 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.974 ng

RT: 12.44 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

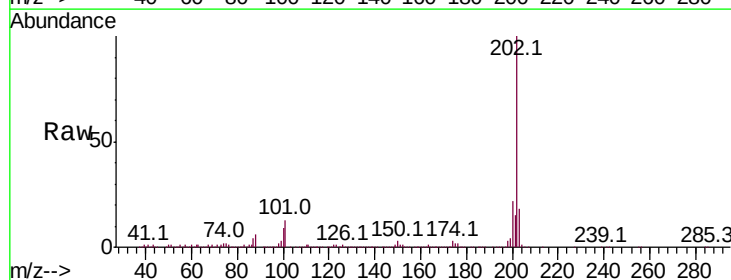
Tgt Ion:202 Resp: 1078816

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

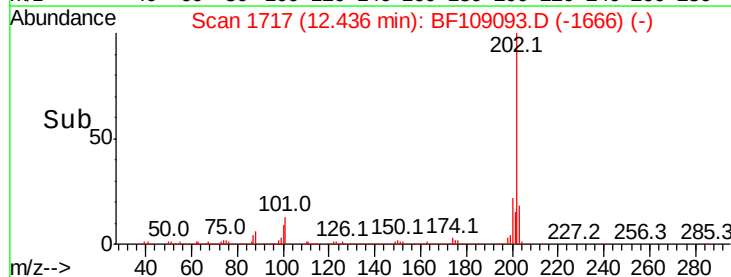
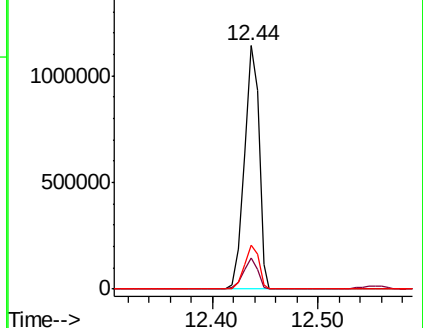
203 17.9 0.0 38.1

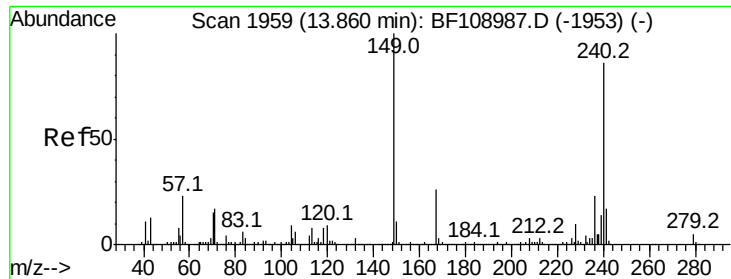


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

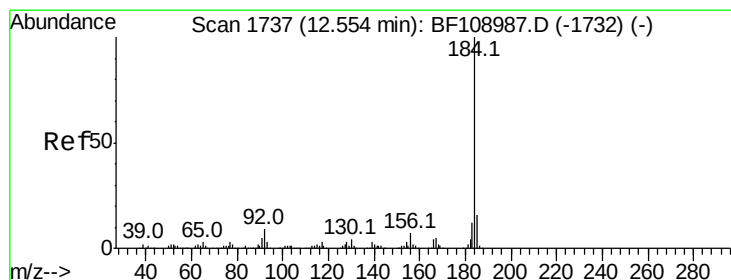
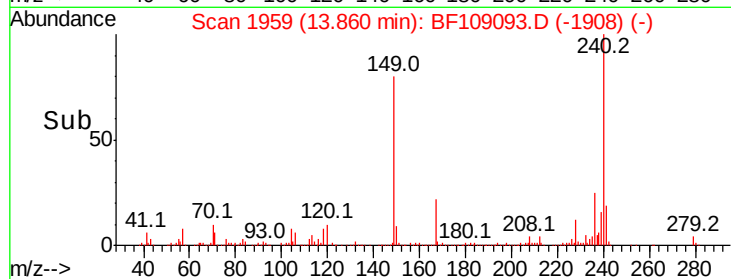
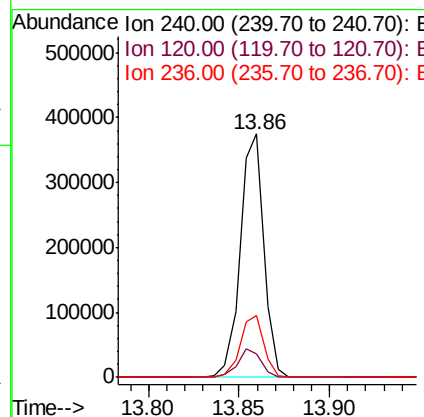
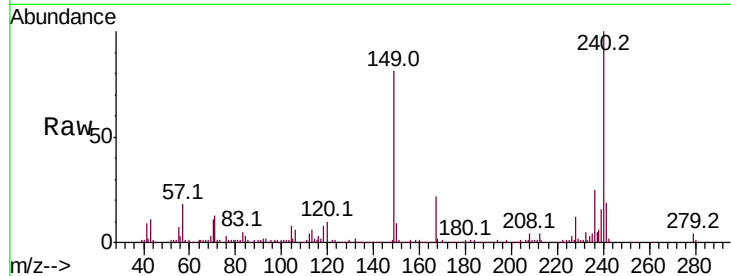
ClientSampleId :

PB112950BS

Tot Ion:	240	Resp:	338459
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	25.4	20.7	31.1

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#76

Benzidine

Concen: 17.474 ng

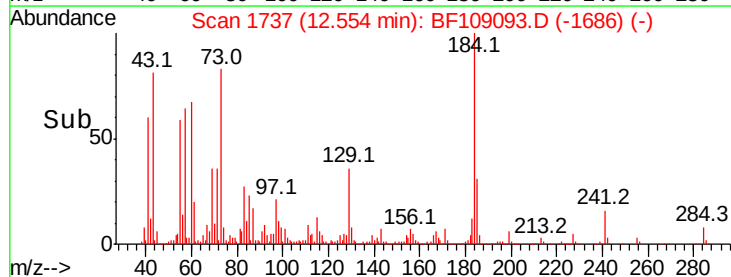
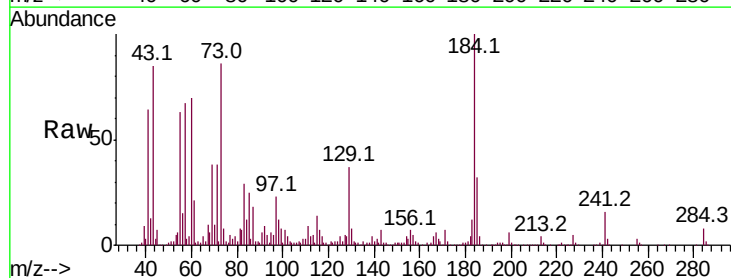
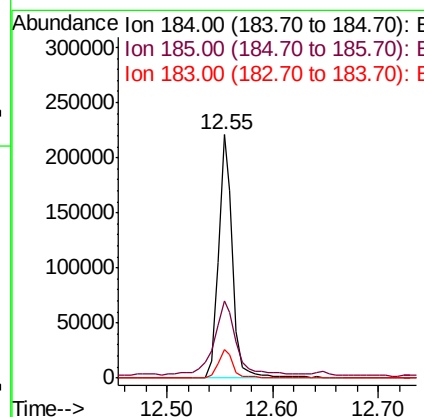
RT: 12.55 min Scan# 1737

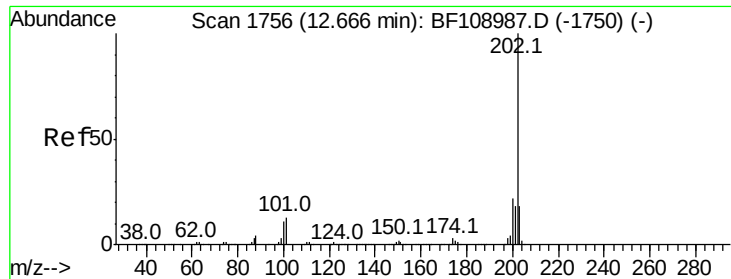
Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:	184	Resp:	209352
Ion Ratio	Lower	Upper	
184	100		
185	31.9	12.6	18.8#
183	11.8	9.3	13.9





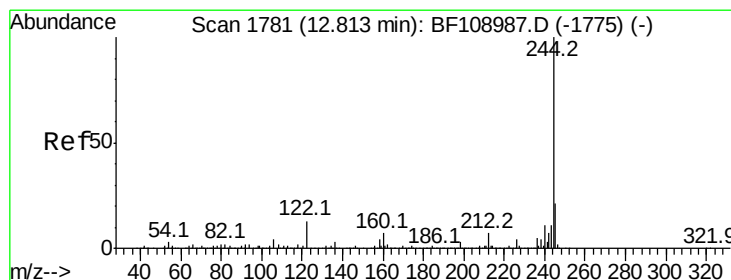
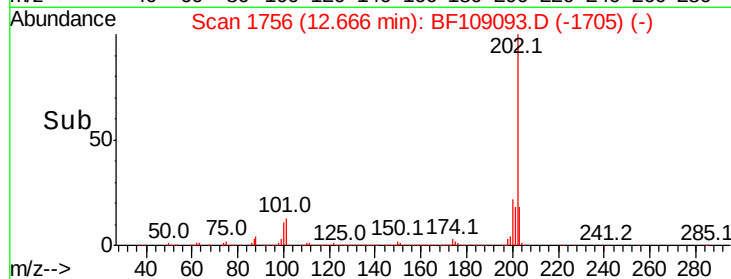
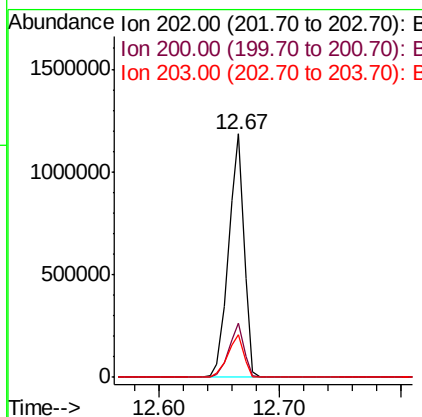
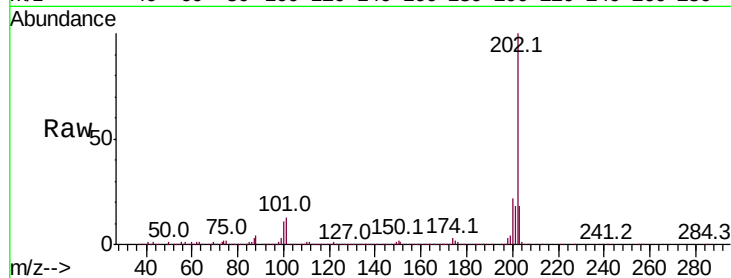
#77
Pvrene
Concen: 41.933 ng
RT: 12.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.6	14.3	21.5

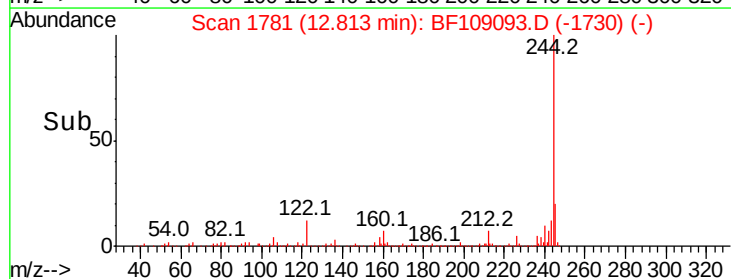
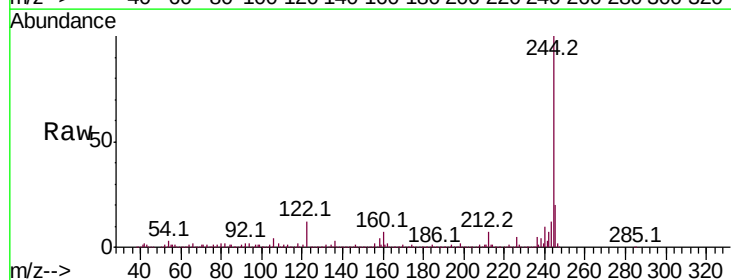
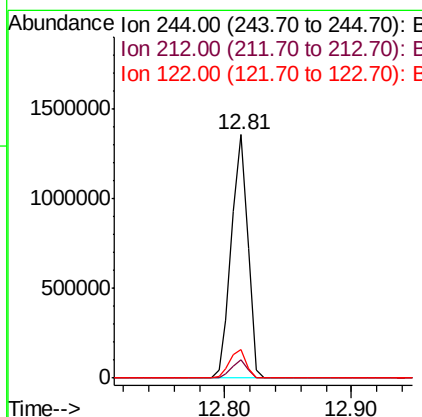
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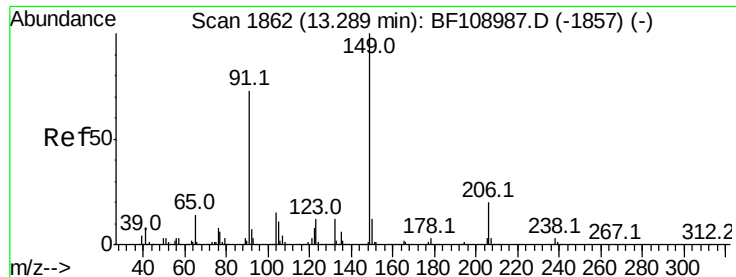
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#78
Terphenyl-d14
Concen: 85.173 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.8	11.0	16.4





#79

Butylbenzylphthalate

Concen: 40.733 ng

RT: 13.29 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

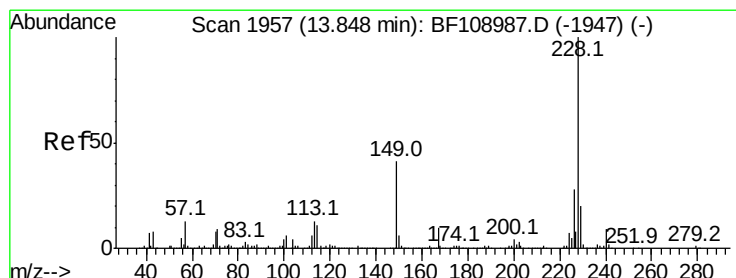
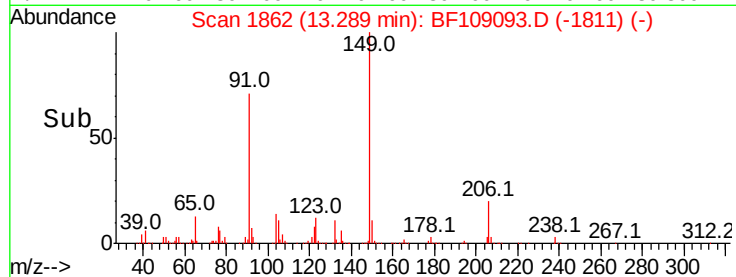
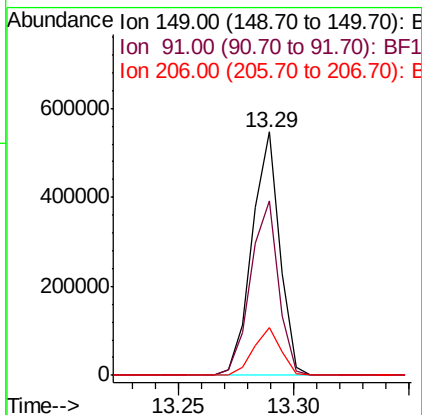
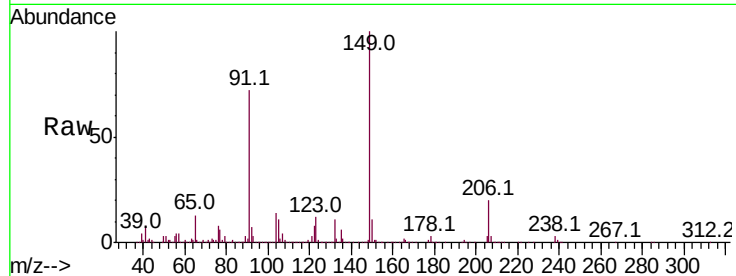
PB112950BS

Tot Ion:	149	Resp:	457385
Ion Ratio	Lower	Upper	
149	100		
91	71.6	56.8	85.2
206	19.7	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 40.833 ng

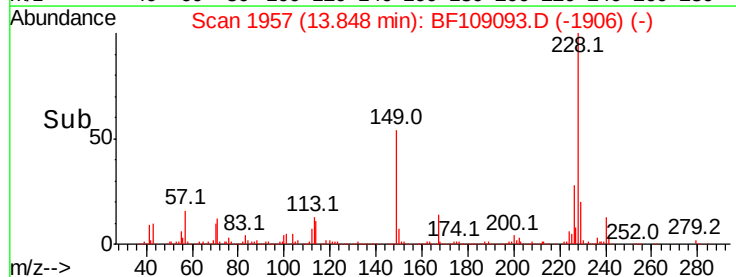
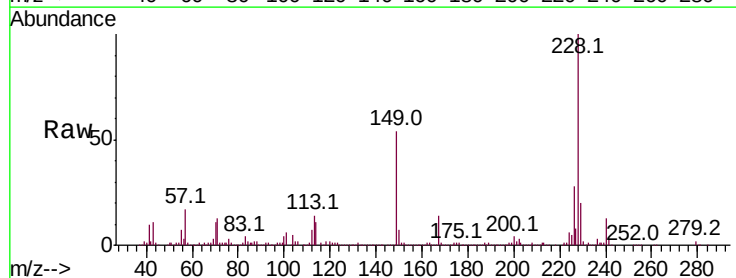
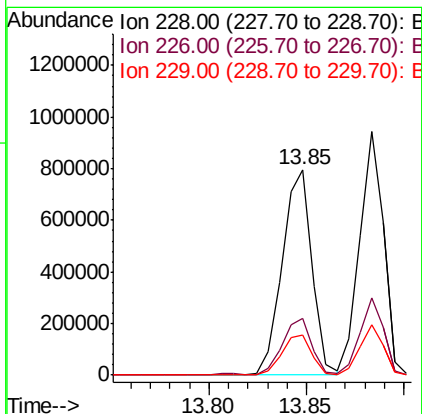
RT: 13.85 min Scan# 1957

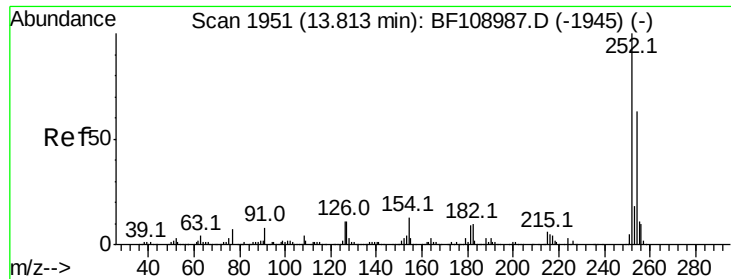
Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:	228	Resp:	836717
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 28.973 ng

RT: 13.81 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

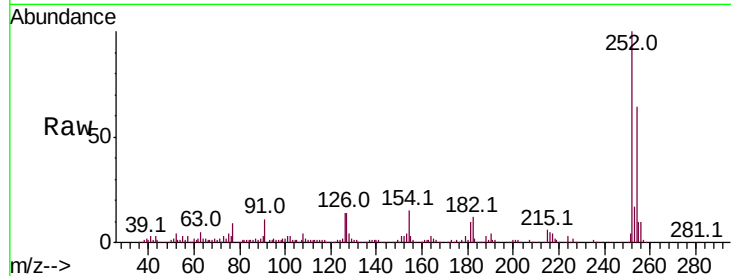
PB112950BS

Tot Ion:	252	Resp:	239574
Ion Ratio	Lower	Upper	
252	100		
254	63.9	50.4	75.6
126	14.0	11.3	16.9

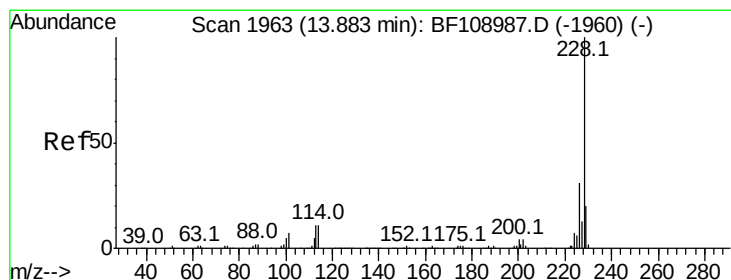
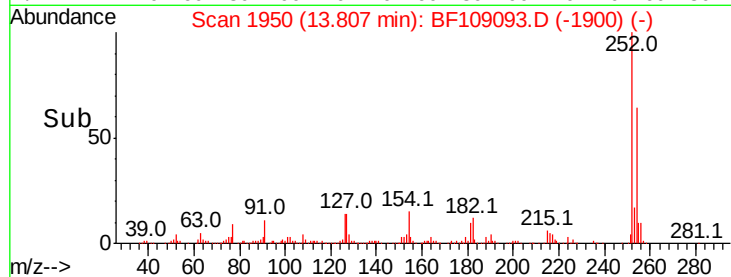
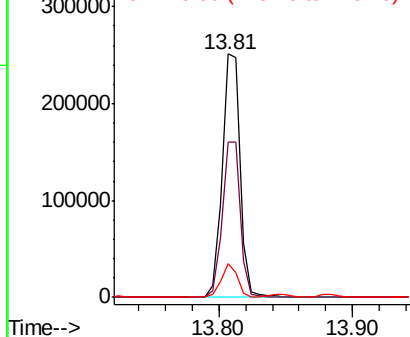
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.249 ng

RT: 13.88 min Scan# 1963

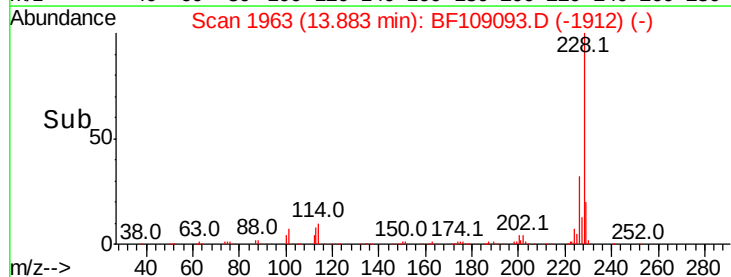
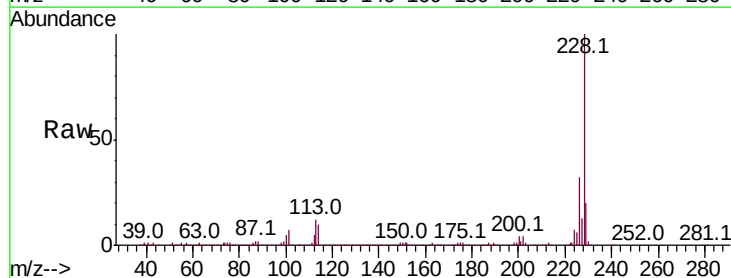
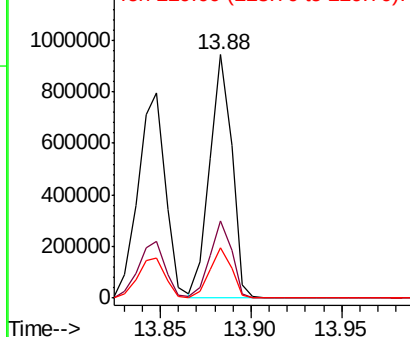
Delta R.T. 0.00 min

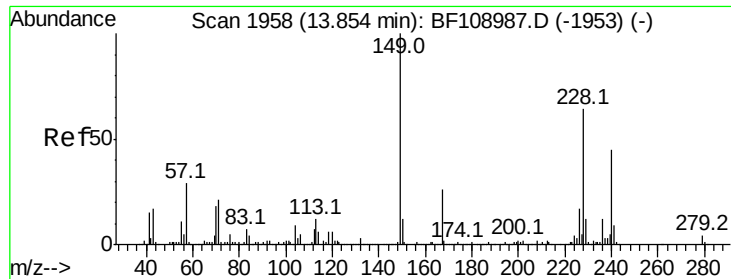
Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:	228	Resp:	804672
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	20.5	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





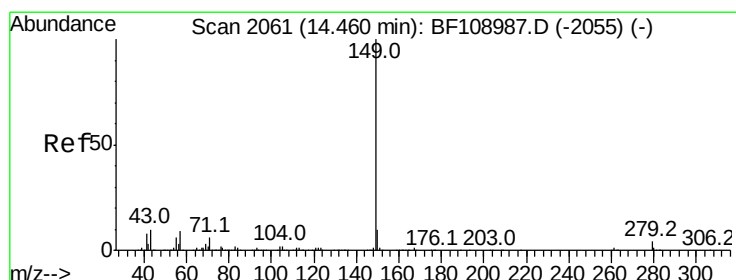
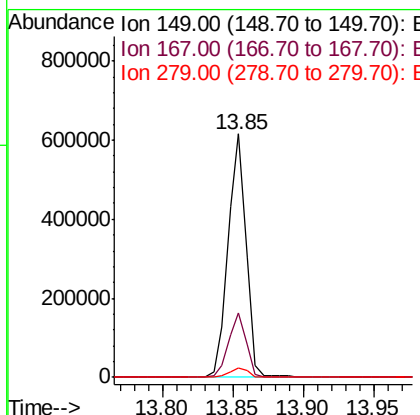
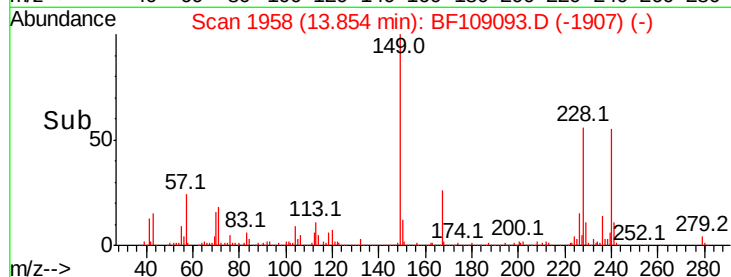
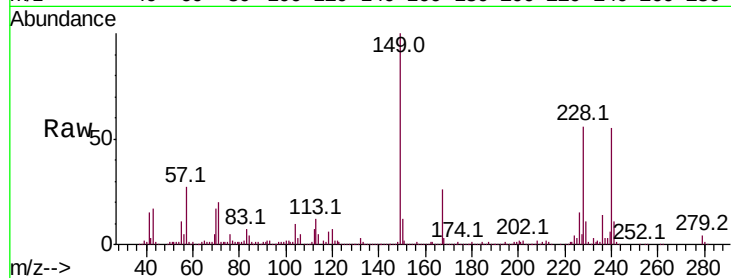
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.843 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	541701		
167	26.4	21.3	31.9	
279	4.1	3.0	4.4	

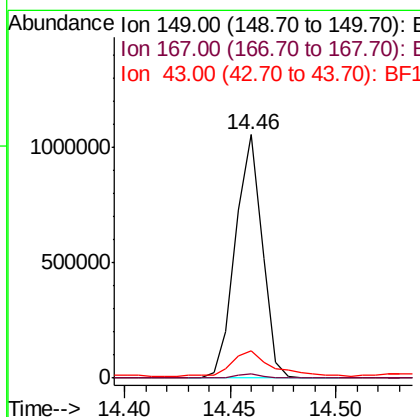
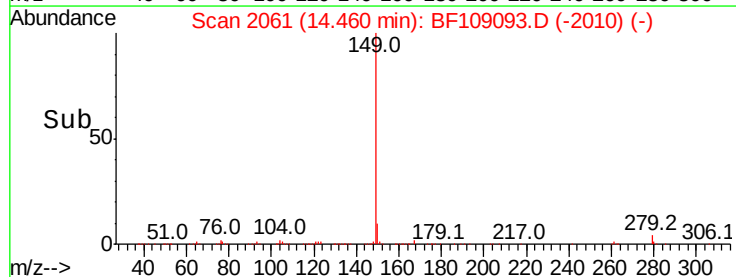
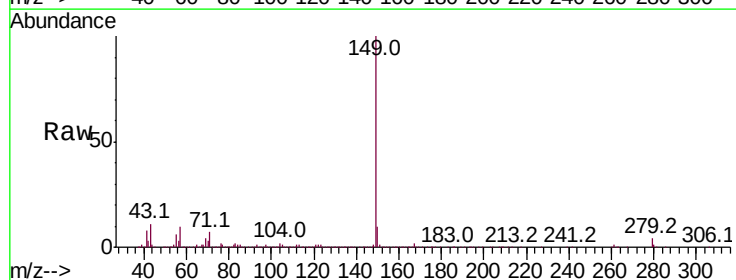
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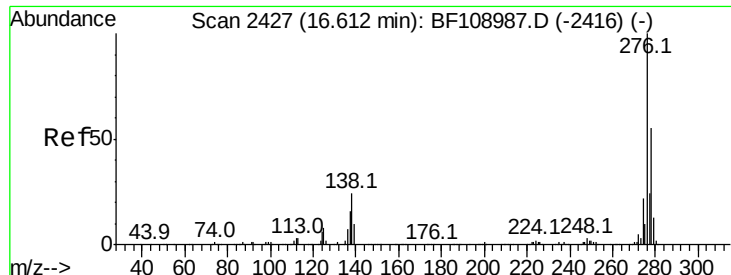
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#84
 Di-n-octyl phthalate
 Concen: 39.976 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	921766		
167	1.6	1.2	1.8	
43	14.8	8.4	12.6	





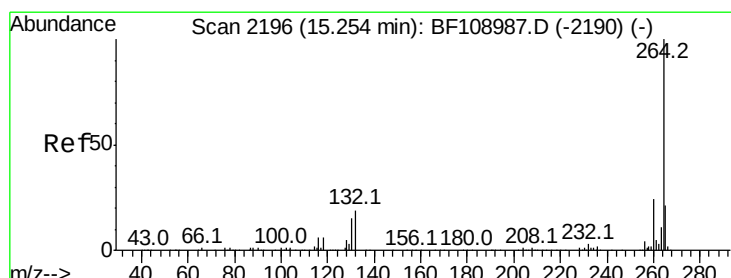
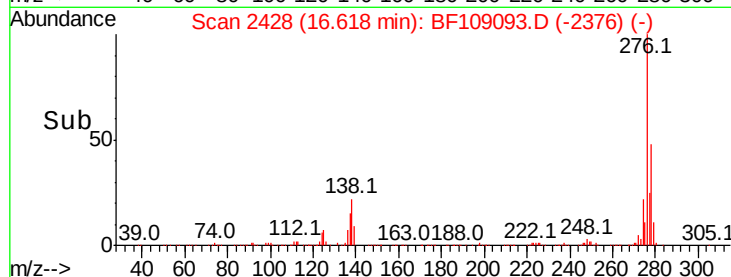
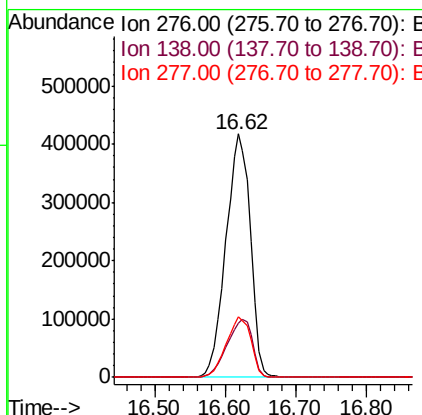
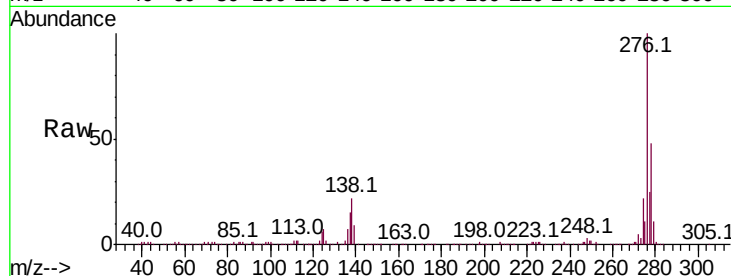
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.272 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	25.1	20.1	30.1

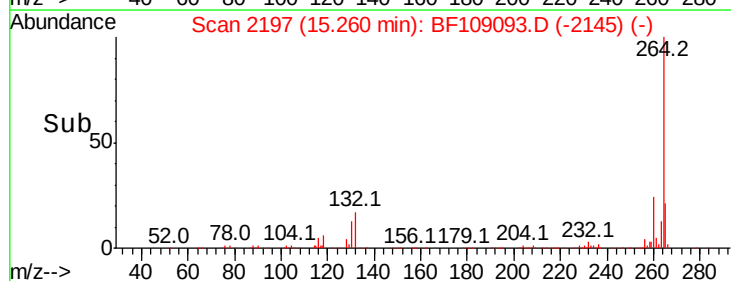
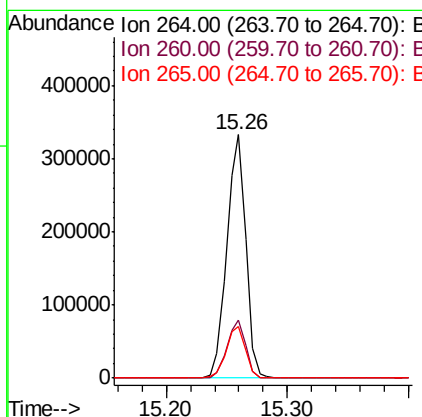
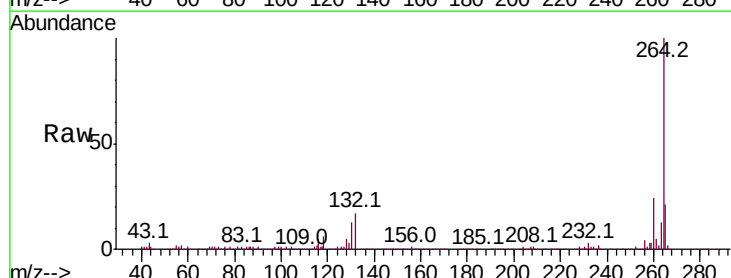
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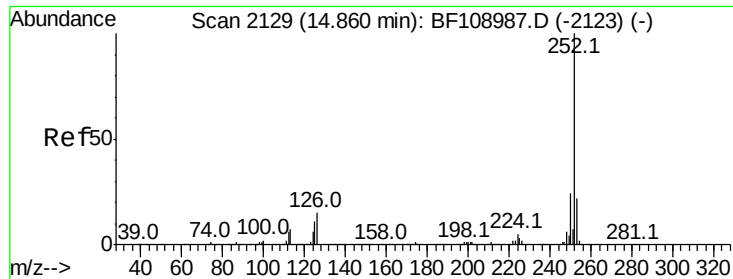
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3





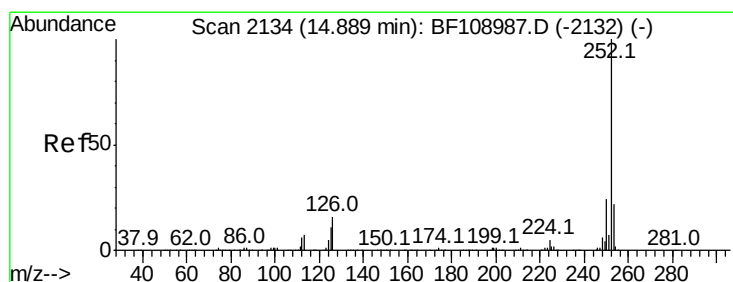
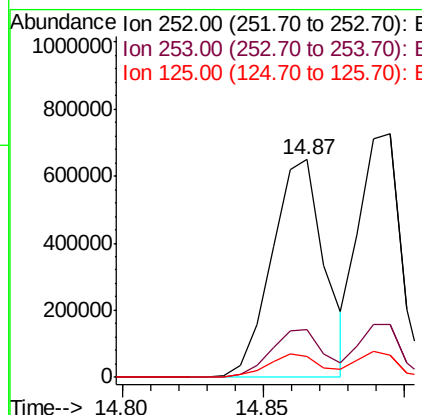
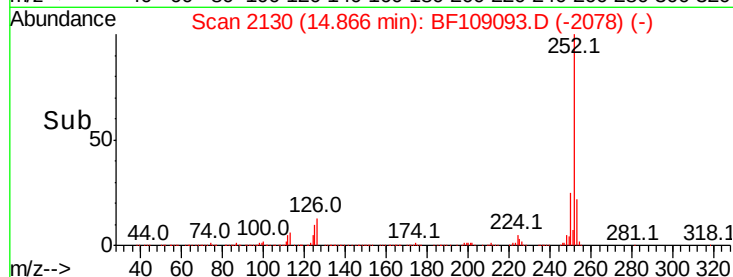
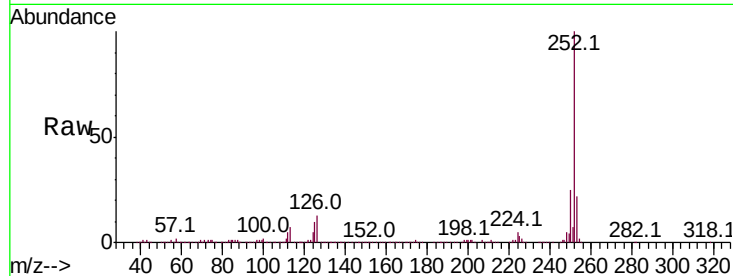
#87
Benzo(b)fluoranthene
Concen: 42.164 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.7	9.0	13.6

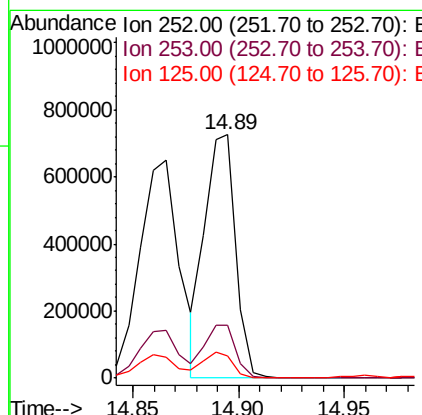
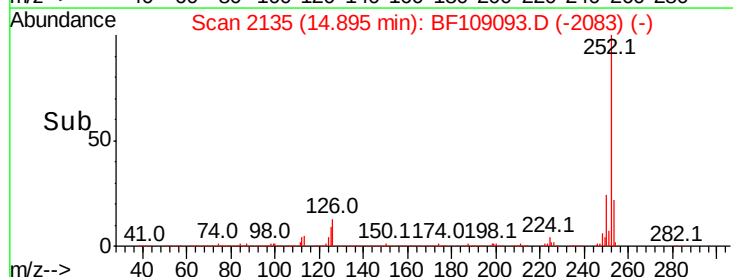
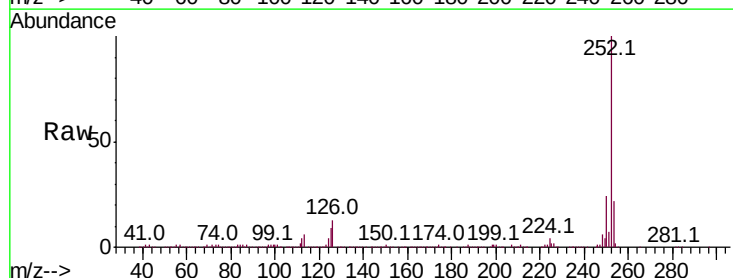
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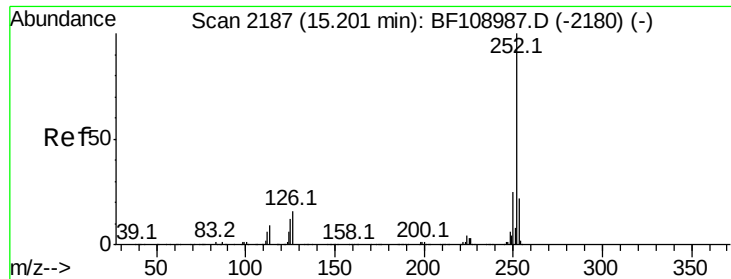
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#88
Benzo(k)fluoranthene
Concen: 39.426 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.0	10.2	15.2#





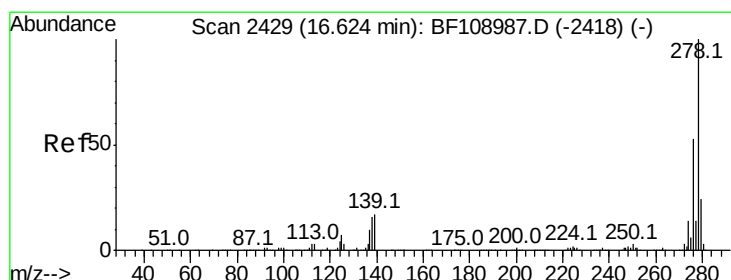
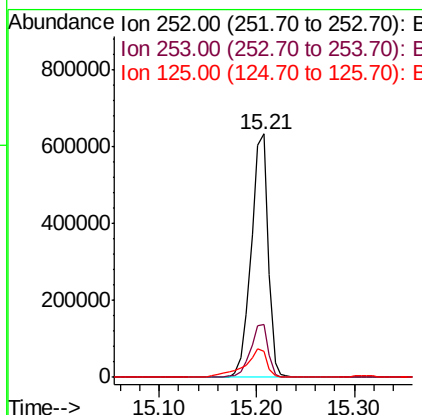
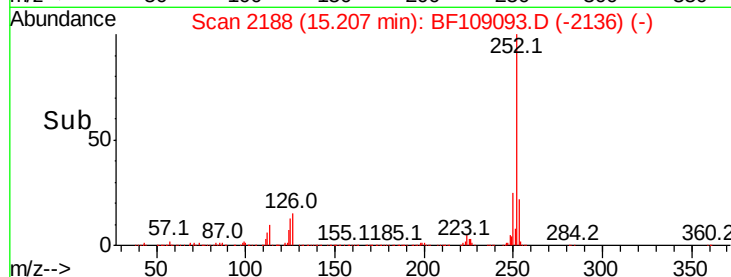
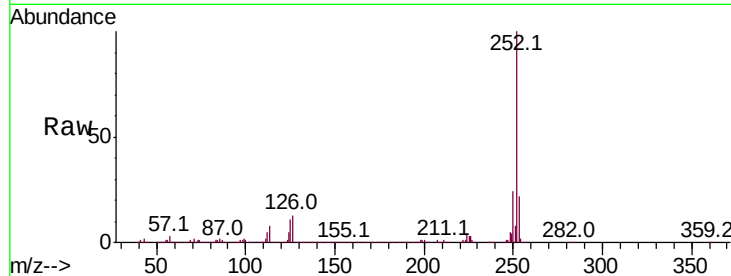
#89
Benzo(a)pyrene
Concen: 43.005 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.7	9.8	14.6

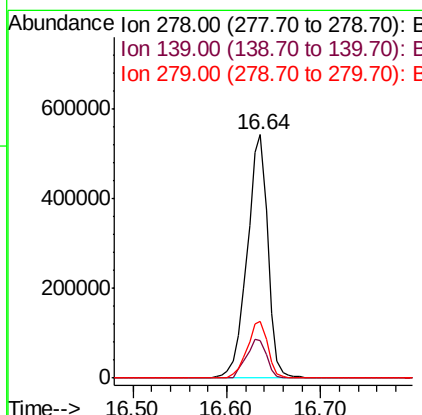
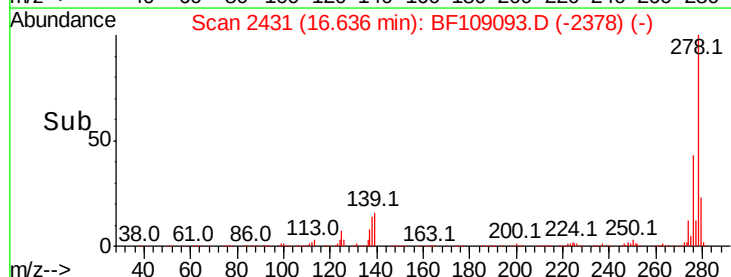
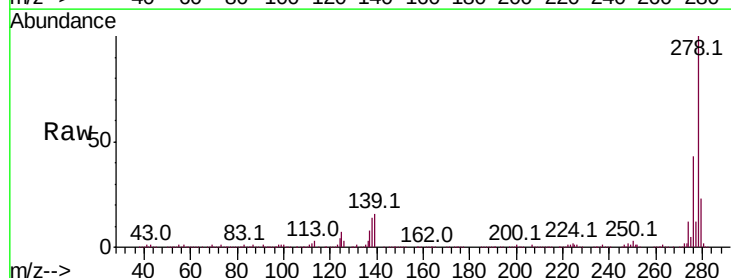
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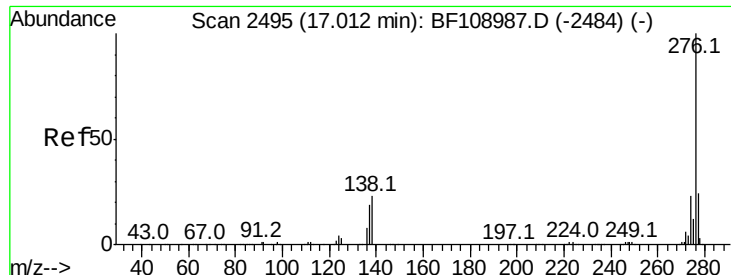
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#90
Dibenzo(a,h)anthracene
Concen: 55.231 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	15.9	23.9#
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 58.221 ng
 RT: 17.03 min Scan# 2498
 Delta R.T. 0.02 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB112950BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	20.9	21.8	32.8

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