

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107909.D
 Acq On : 2 Aug 2018 15:10
 Operator : JU/SJ
 Sample : PB111688BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Manual Integrations
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Sohil
 8/3/2018 12:53:11 PM

Quant Time: Aug 02 15:53:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	141808	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	631096	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	293982	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	604286	20.00	ng	0.00
75) Chrysene-d12	14.15	240	445137	20.00	ng	0.00
86) Perylene-d12	15.68	264	353278	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1125452	134.88	ng	0.02
7) Phenol-d6	6.61	99	1323812	120.38	ng	0.00
23) Nitrobenzene-d5	7.52	82	895471	81.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	478644	119.82	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1762704	83.55	ng	0.00
78) Terphenyl-d14	13.08	244	1920999	93.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	158551	41.406	ng	# 85
3) Pyridine	3.72	79	308874m	33.680	ng	
4) n-Nitrosodimethylamine	3.70	42	110311m	25.983	ng	
6) Aniline	6.64	93	452020	39.519	ng	# 64
8) 2-Chlorophenol	6.75	128	458273	43.724	ng	96
9) Benzaldehyde	6.53	77	199558m	30.078	ng	
10) Phenol	6.62	94	578135	44.086	ng	81
11) bis(2-Chloroethyl)ether	6.69	93	552486m	47.379	ng	
12) 1,3-Dichlorobenzene	6.90	146	476044	43.305	ng	99
13) 1,4-Dichlorobenzene	6.97	146	549738	44.925	ng	99
14) 1,2-Dichlorobenzene	7.12	146	507098	44.642	ng	98
15) Benzyl Alcohol	7.12	79	298384	43.655	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	725743	43.288	ng	55
17) 2-Methylphenol	7.22	107	398917m	51.559	ng	
18) Hexachloroethane	7.45	117	183704	41.766	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	314510	45.086	ng	100
20) 3+4-Methylphenols	7.38	107	448120m	47.175	ng	
22) Acetophenone	7.37	105	659091	43.409	ng	# 93
24) Nitrobenzene	7.54	77	443586	38.617	ng	98
25) Isophorone	7.77	82	907182	50.450	ng	100
26) 2-Nitrophenol	7.86	139	252641	43.825	ng	98
27) 2,4-Dimethylphenol	7.90	122	394878	51.163	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	555677	46.891	ng	99
29) 2,4-Dichlorophenol	8.11	162	395327	45.283	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	433394	43.516	ng	97
31) Naphthalene	8.26	128	1417377	48.315	ng	99
32) Benzoic acid	8.04	122	234081m	44.915	ng	
33) 4-Chloroaniline	8.32	127	458441	36.586	ng	99
34) Hexachlorobutadiene	8.36	225	246723	40.088	ng	99
35) Caprolactam	8.70	113	131304m	49.961	ng	
36) 4-Chloro-3-methylphenol	8.81	107	428706	45.216	ng	98
37) 2-Methylnaphthalene	8.95	142	931585	50.554	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	453085	45.203	ng	98
40) Hexachlorocyclopentadiene	9.09	237	344005	79.754	ng	99

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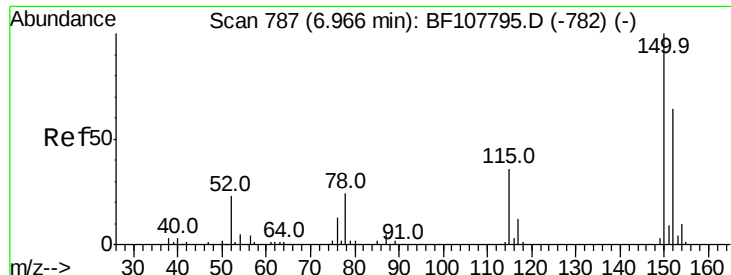
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	263284	47.514	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	333449m	49.986	nq	
45) 1,1'-Biphenyl	9.41	154	1179218	44.076	nq	99
46) 2-Chloronaphthalene	9.44	162	884903	43.861	nq	98
47) 2-Nitroaniline	9.56	65	291223	44.377	nq	94
48) Acenaphthylene	9.86	152	1403464	44.871	nq	99
49) Dimethylphthalate	9.71	163	982384	44.496	nq	100
50) 2,6-Dinitrotoluene	9.79	165	217023	45.232	nq	91
51) Acenaphthene	10.03	154	771305	42.452	nq	99
52) 3-Nitroaniline	9.98	138	210380m	34.796	nq	
53) 2,4-Dinitrophenol	10.08	184	200583	79.393	nq	# 28
54) Dibenzofuran	10.21	168	1184942	42.195	nq	96
55) 4-Nitrophenol	10.17	139	146797m	54.896	nq	
56) 2,4-Dinitrotoluene	10.20	165	272023	43.135	nq	# 85
57) Fluorene	10.55	166	963811	44.161	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	295319	48.198	nq	# 80
59) Diethylphthalate	10.41	149	997107	42.005	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	478089	40.212	nq	91
61) 4-Nitroaniline	10.61	138	231144	43.080	nq	92
62) Azobenzene	10.70	77	945990	42.789	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	136817	41.618	nq	90
65) n-Nitrosodiphenylamine	10.66	169	847135	42.575	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	311620	44.244	nq	# 85
67) Hexachlorobenzene	11.10	284	327252	41.900	nq	# 88
68) Atrazine	11.18	200	255628	43.408	nq	98
69) Pentachlorophenol	11.30	266	285542	74.267	nq	98
70) Phenanthrene	11.52	178	1314280	45.804	nq	99
71) Anthracene	11.57	178	1580130	47.744	nq	99
72) Carbazole	11.74	167	1441031	44.060	nq	98
73) Di-n-butylphthalate	12.04	149	1525526	42.755	nq	100
74) Fluoranthene	12.71	202	1547595	45.910	nq	97
76) Benzidine	12.85	184	841627	58.477	nq	97
77) Pyrene	12.94	202	1510370	47.120	nq	98
79) Butylbenzylphthalate	13.54	149	639230	45.540	nq	90
80) Benzo(a)anthracene	14.14	228	1123567	44.559	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	323833	33.130	nq	# 98
82) Chrysene	14.17	228	1271519	46.752	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	780225	44.215	nq	100
84) Di-n-octyl phthalate	14.71	149	1220692	43.098	nq	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	931270	45.017	nq	93
87) Benzo(b)fluoranthene	15.22	252	859445	49.326	nq	98
88) Benzo(k)fluoranthene	15.25	252	1042085m	48.714	nq	
89) Benzo(a)pyrene	15.61	252	880770	48.966	nq	99
90) Dibenzo(a,h)anthracene	17.27	278	798482	50.891	nq	97
91) Benzo(g,h,i)perylene	17.74	276	776364	51.138	nq	# 92

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



#1

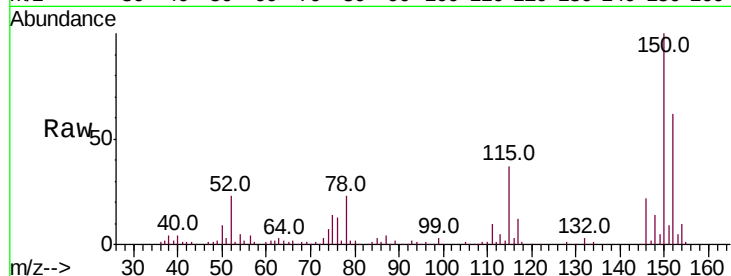
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	59.1	50.1	75.1

Manual Integrations
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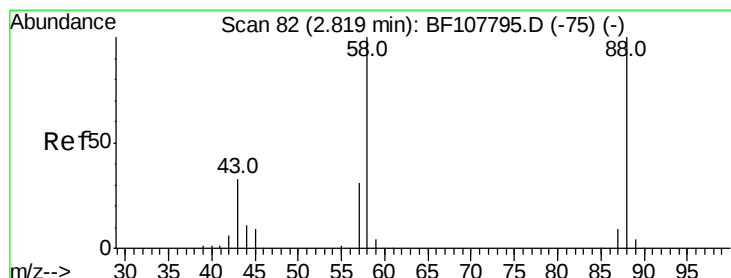
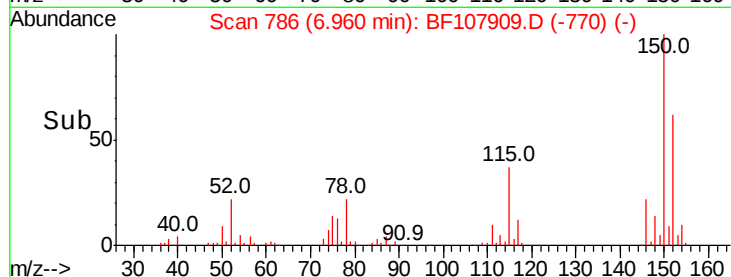
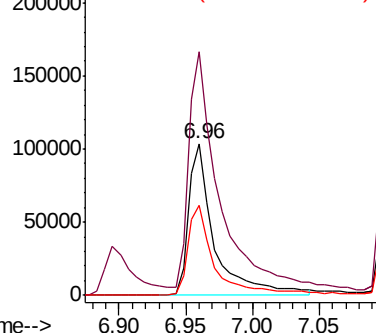


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

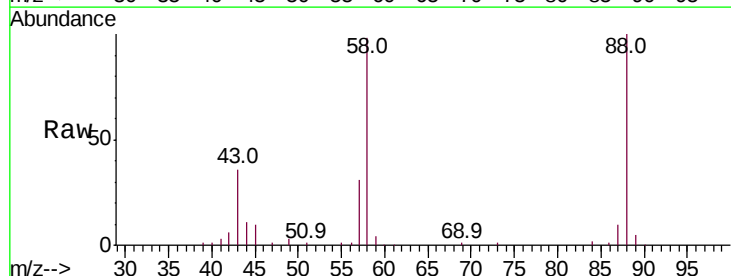
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.406 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.12 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.8	62.6	93.8#
43	30.2	24.6	37.0

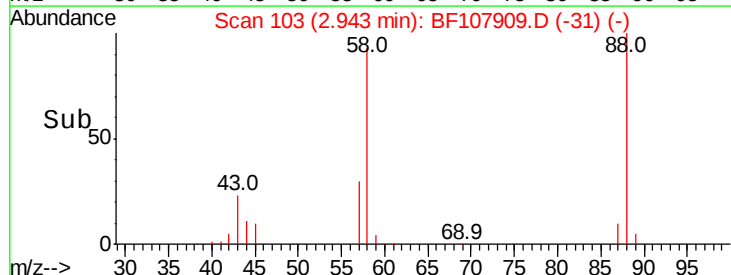
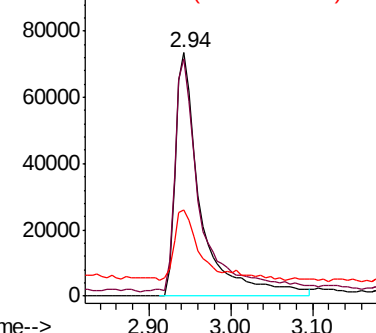


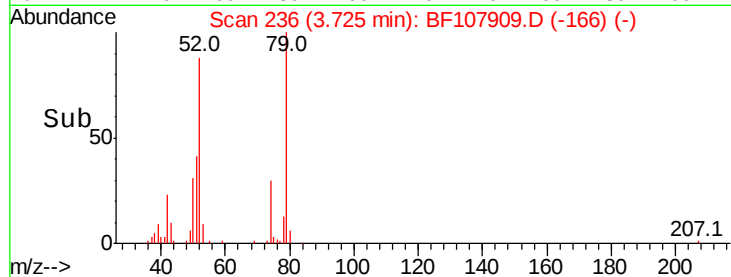
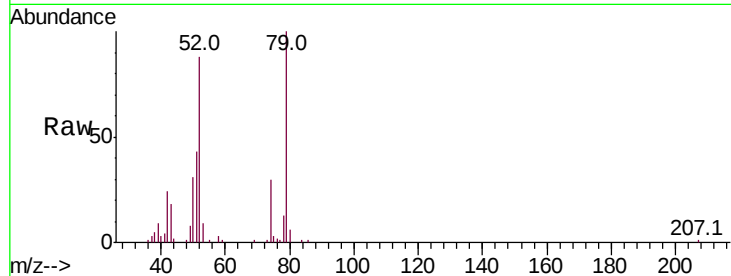
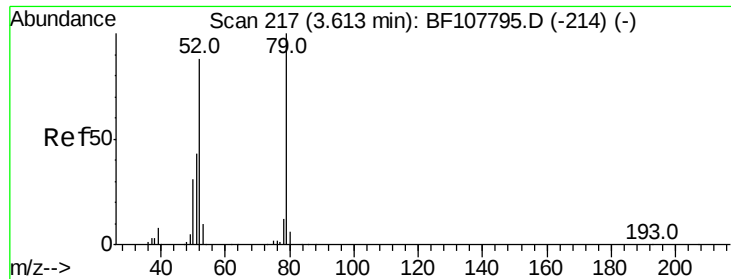
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





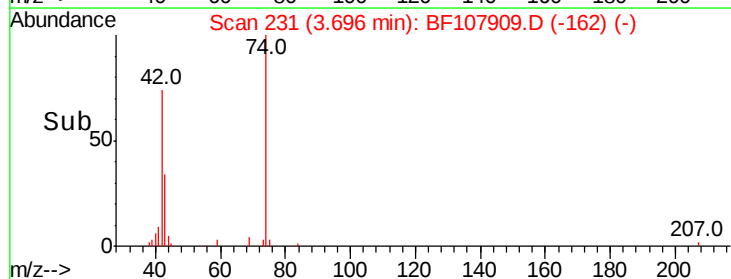
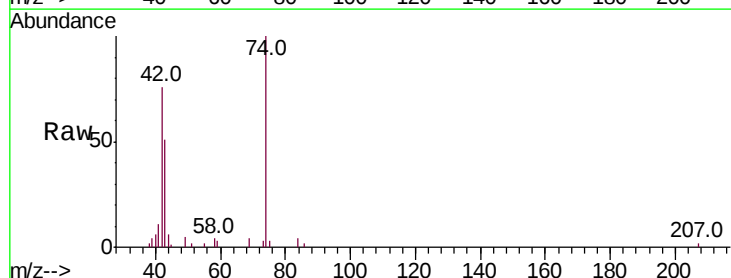
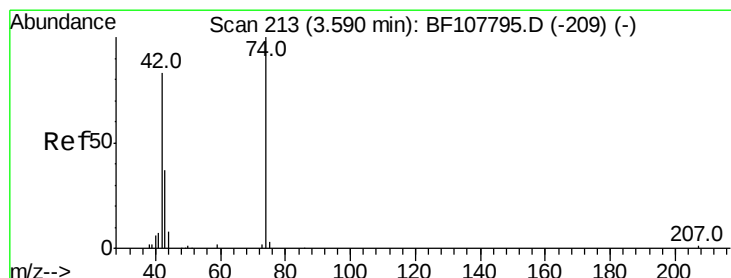
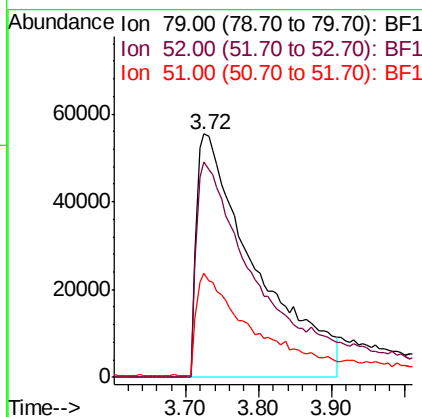
#3
Pvridine
Concen: 33.680 ng m
RT: 3.72 min Scan# 236
Delta R.T. 0.11 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.3	59.8	89.6
51	42.5	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB111688BS

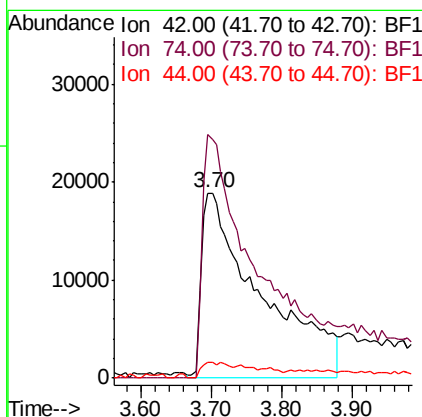
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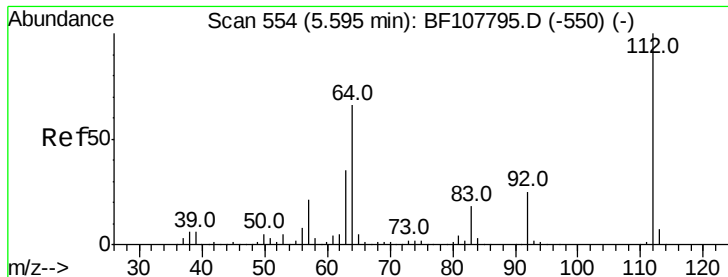
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#4
n-Nitrosodimethylamine
Concen: 25.983 ng m
RT: 3.70 min Scan# 231
Delta R.T. 0.11 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.4	104.9	157.3
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 134.884 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tot Ion:112 Resp: 1125452

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

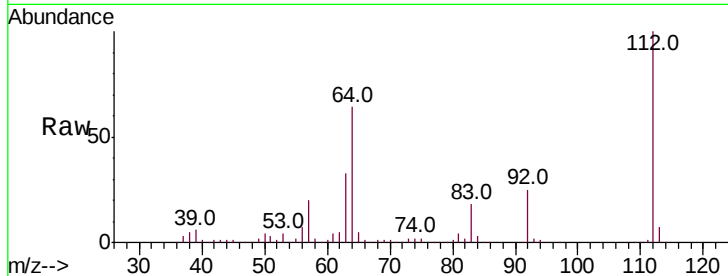
63 33.0 23.7 35.5

Manual Integrations

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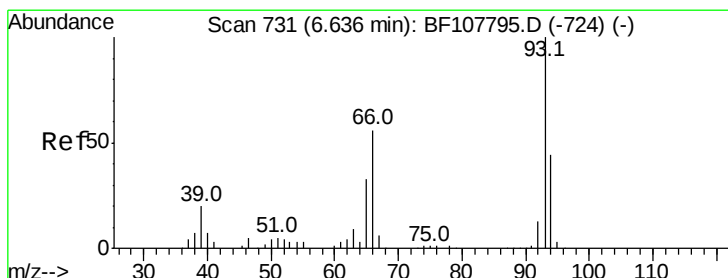
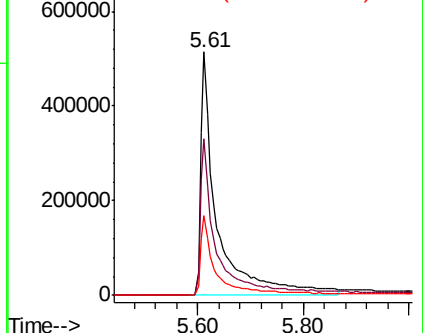
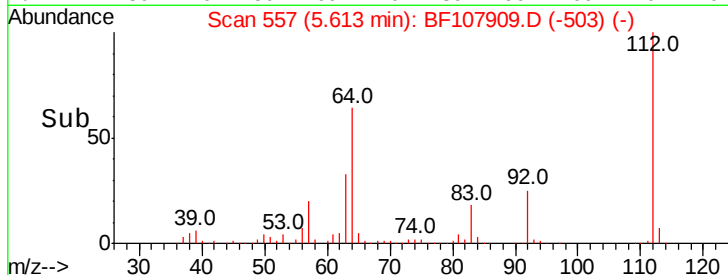
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.519 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

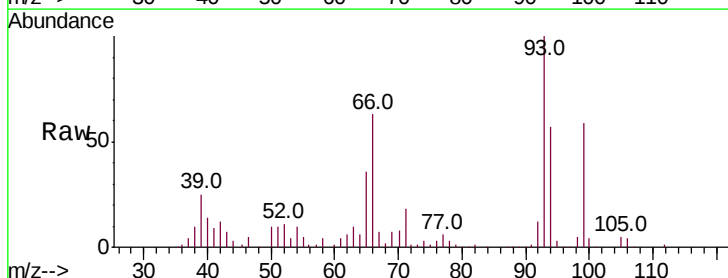
Tgt Ion: 93 Resp: 452020

Ion Ratio Lower Upper

93 100

66 63.1 32.2 48.2#

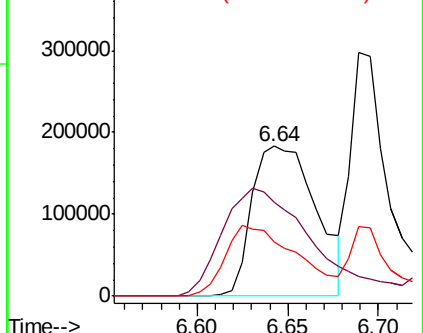
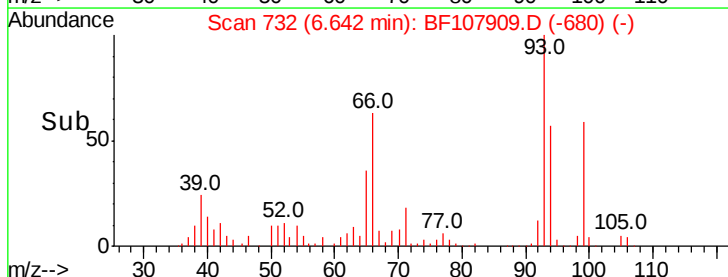
65 36.4 16.4 24.6#

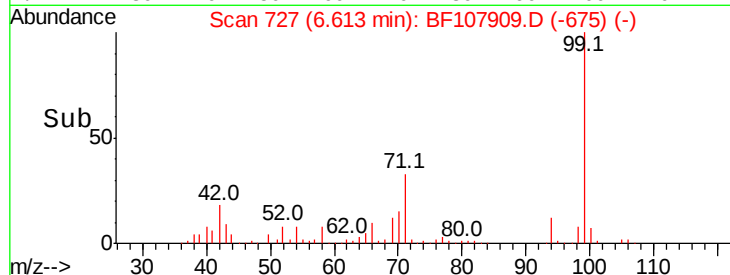
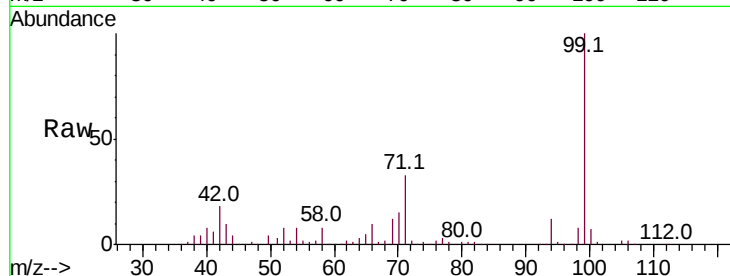
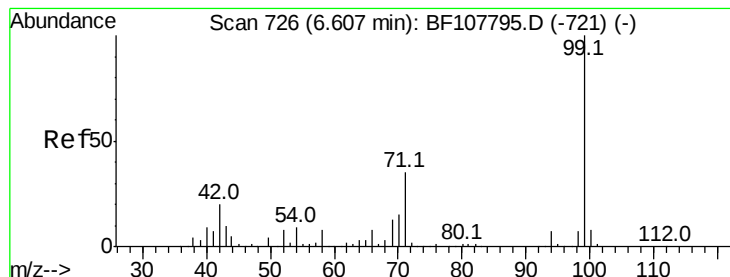


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.382 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Tot Ion	99	Ratio	100	Resp	1323812
Ion	99	100		Lower	Upper
	42	18.1		14.5	21.7
	71	33.4		25.4	38.0

Instrument :

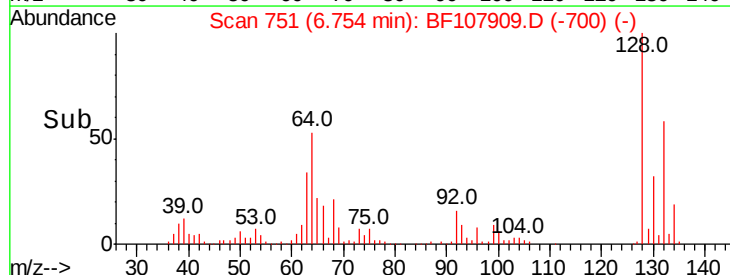
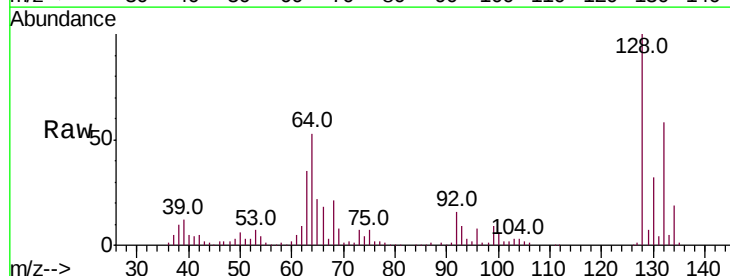
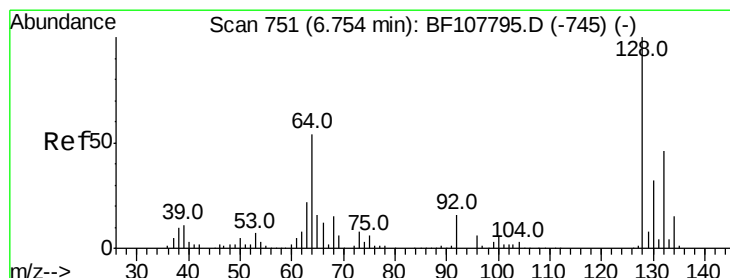
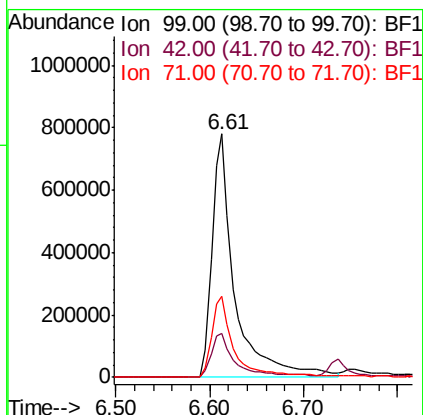
BNA_F

ClientSampleId :

PB111688BS

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#8

2-Chlorophenol

Concen: 43.724 ng

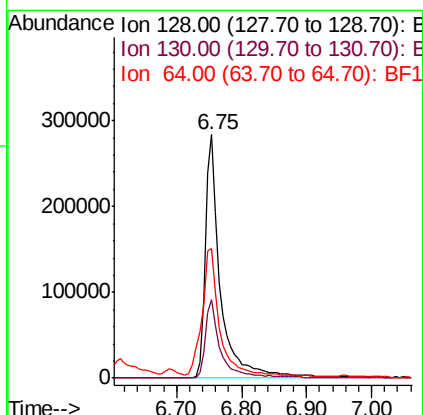
RT: 6.75 min Scan# 751

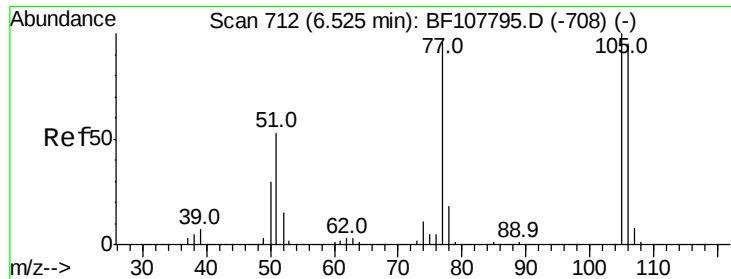
Delta R.T. -0.00 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Tgt Ion	128	Ratio	100	Resp	458273
Ion	128	100		Lower	Upper
	130	32.4		13.0	53.0
	64	53.1		29.4	69.4





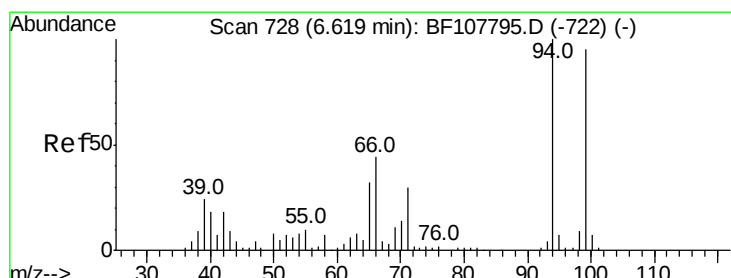
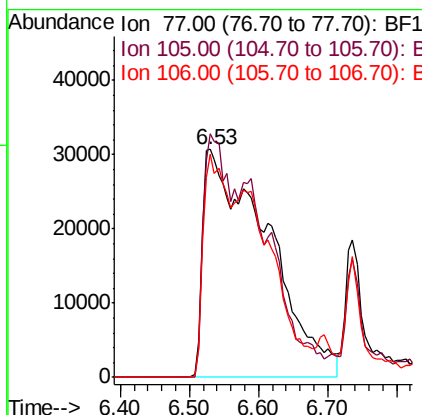
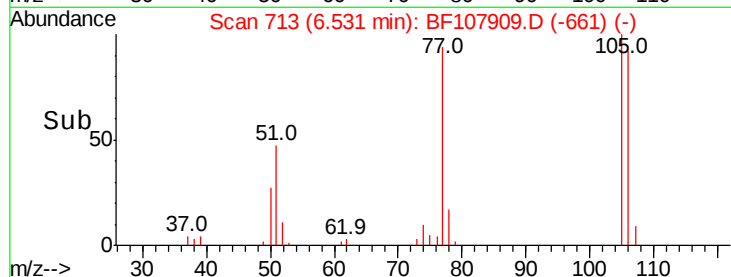
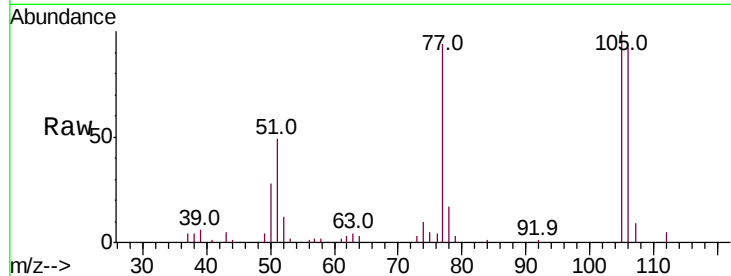
#9
Benzaldehyde
Concen: 30.078 ng/ml
RT: 6.53 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleID :
PB111688BS

Tot Ion: 77 Resp: 199558
Ion Ratio Lower Upper
77 100
105 106.9 81.1 121.1
106 98.1 74.5 114.5

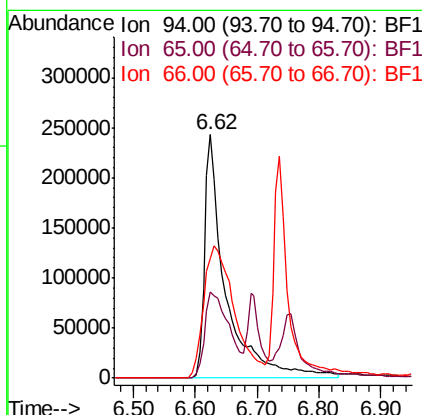
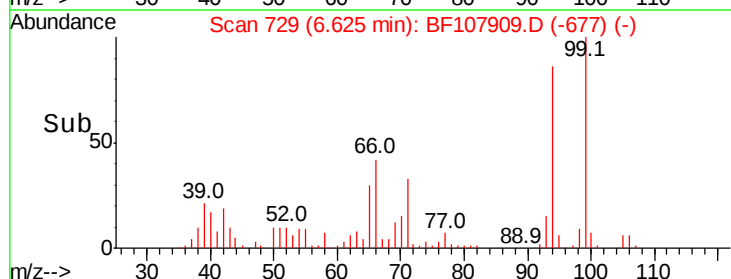
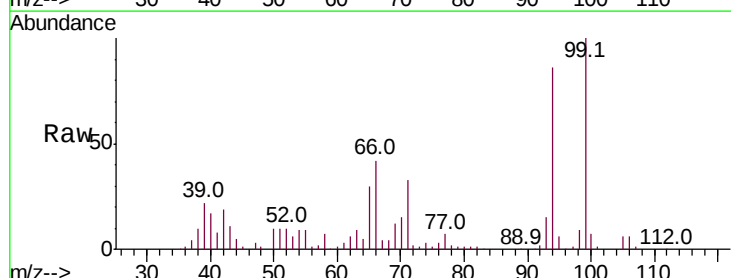
Manual Integrations
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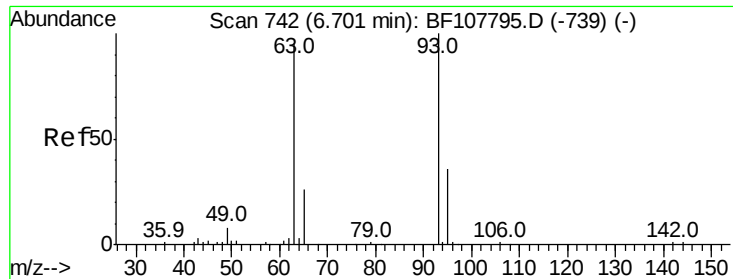
Sohil
8/3/2018 12:53:11 PM



#10
Phenol
Concen: 44.086 ng/ml
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion: 94 Resp: 578135
Ion Ratio Lower Upper
94 100
65 35.3 7.9 47.9
66 49.2 16.2 56.2





#11

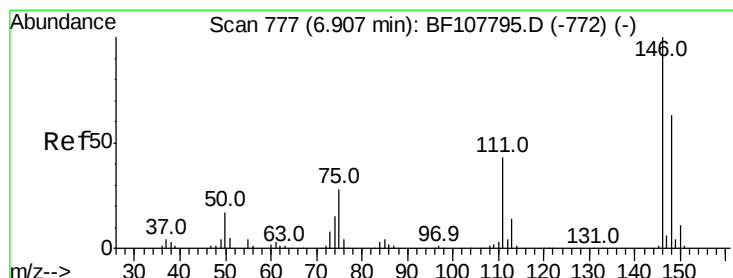
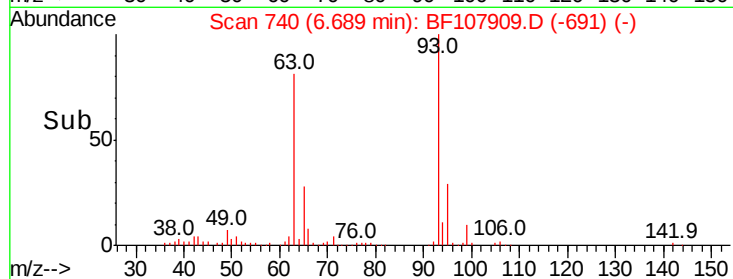
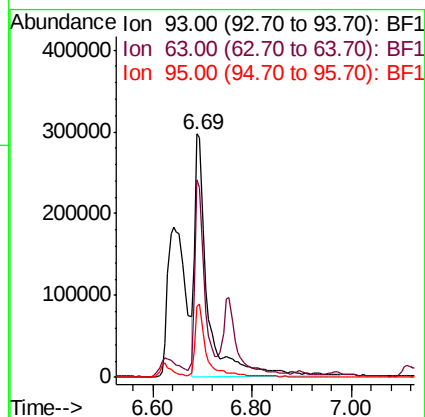
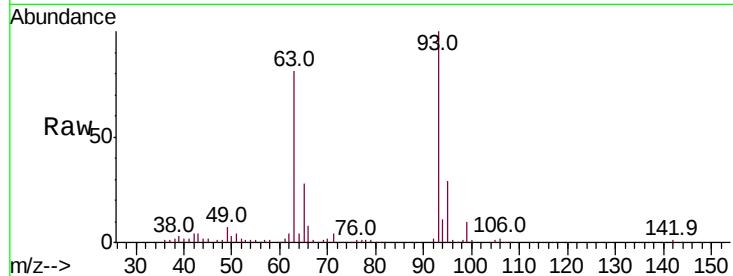
bis(2-Chloroethyl)ether
Concen: 47.379 ng/mL
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion:	93	Resp:	552486
Ion Ratio	Lower	Upper	
93	100		
63	81.0	58.6	98.6
95	29.0	11.8	51.8

Manual Integrations
APPROVED

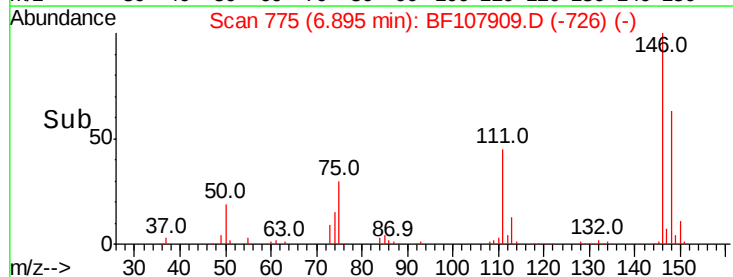
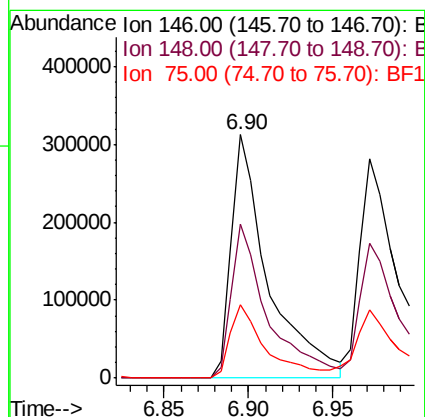
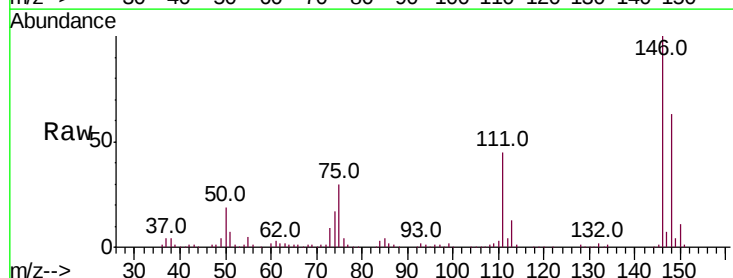
Sohil
8/3/2018 12:53:11 PM

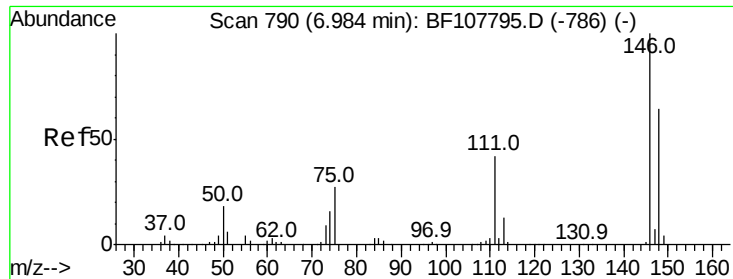


#12

1,3-Dichlorobenzene
Concen: 43.305 ng/mL
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:	146	Resp:	476044
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.8
75	30.2	24.2	36.4





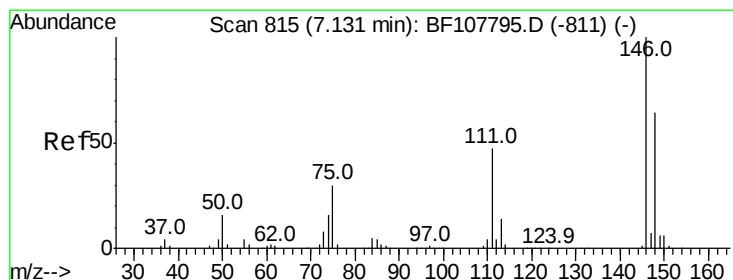
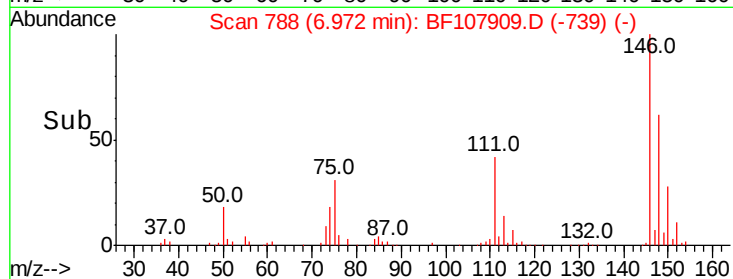
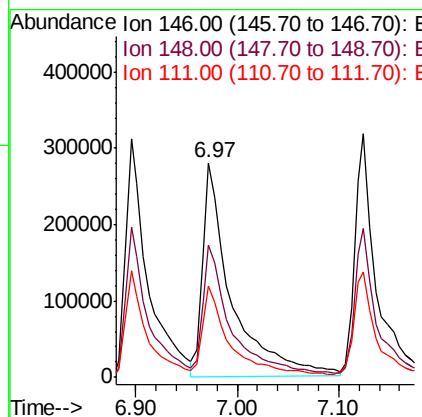
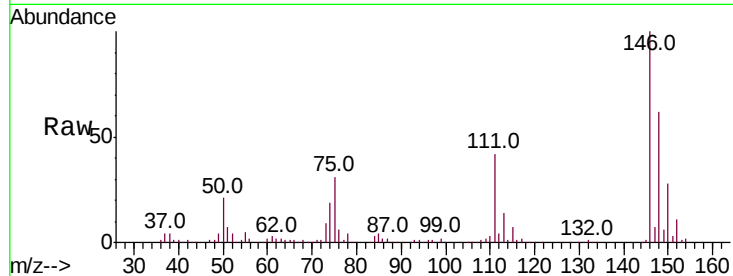
#13
 1,4-Dichlorobenzene
 Concen: 44.925 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.8	76.2
111	42.4	34.2	51.2

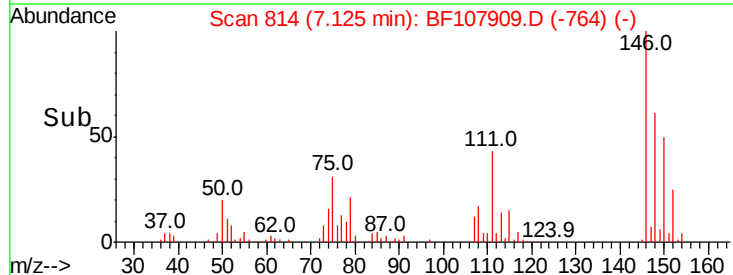
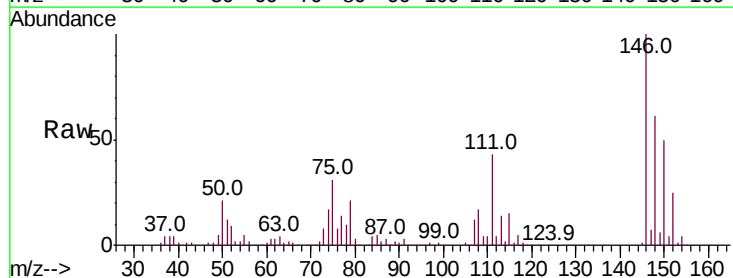
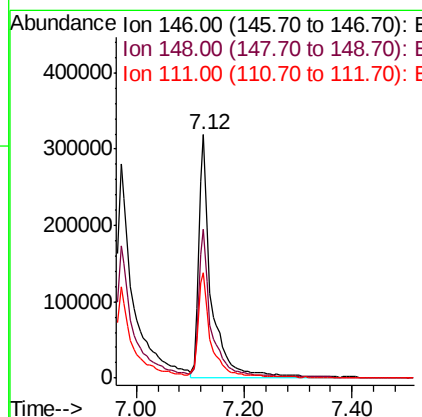
Manual Integrations
 APPROVED

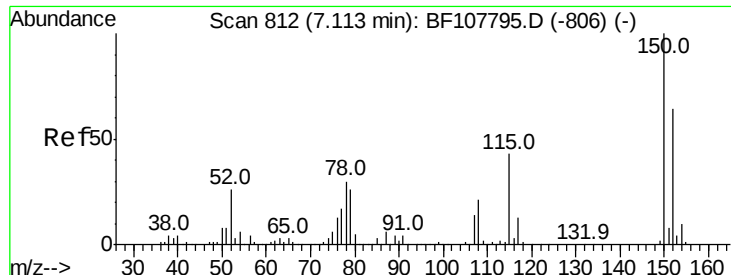
Sohil
 8/3/2018 12:53:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.642 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.6	75.8
111	43.2	36.0	54.0





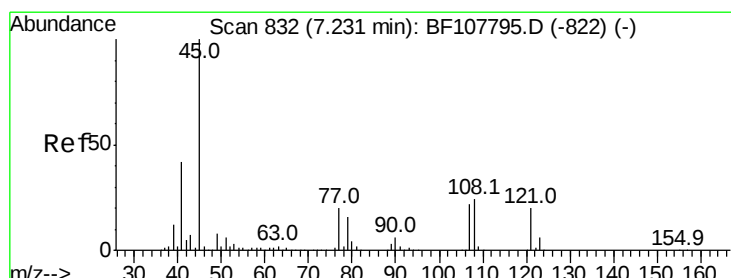
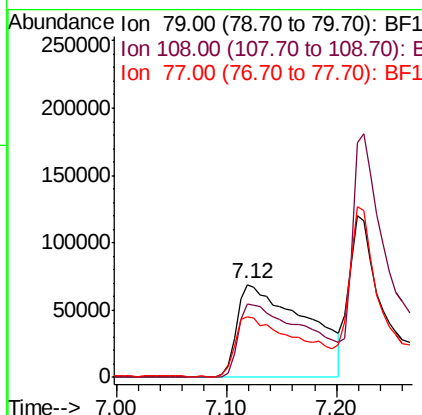
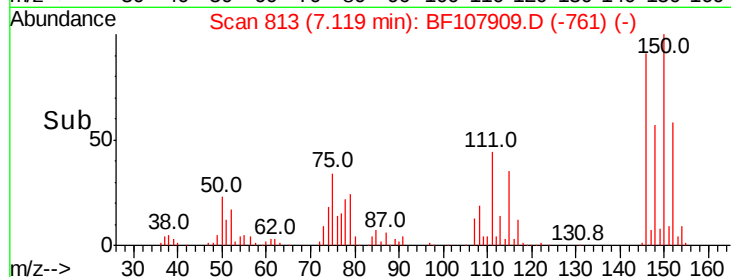
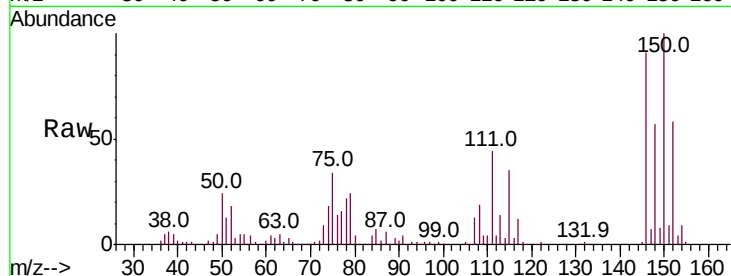
#15
Benzyl Alcohol
Concen: 43.655 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampled :
PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.2	65.1	97.7	
77	64.9	50.6	75.8	

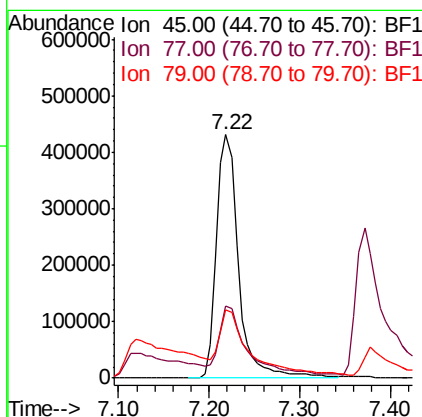
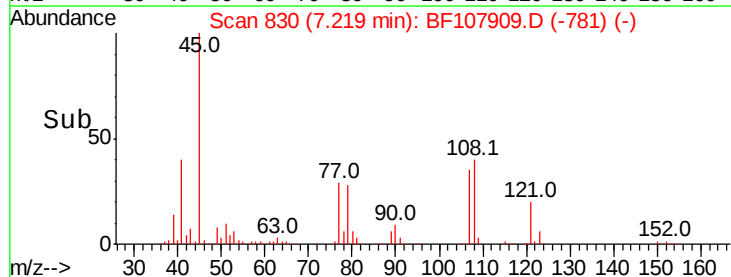
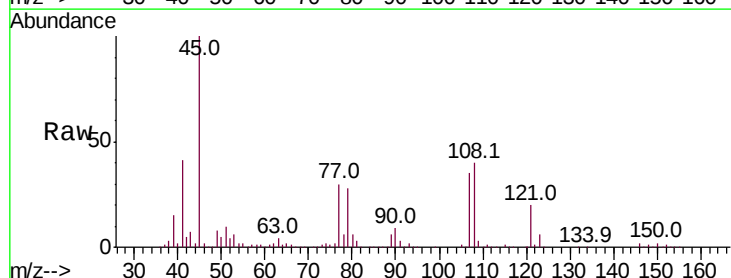
Manual Integrations
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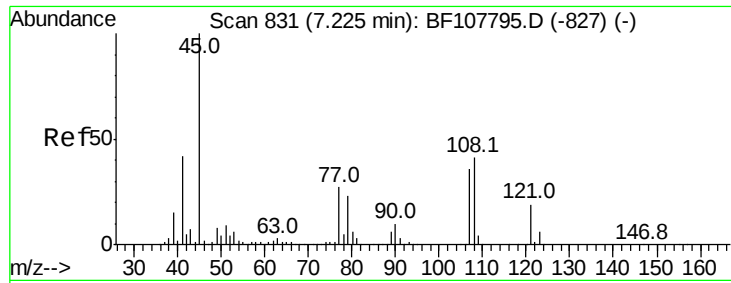
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.288 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	29.5	0.0	32.9	
79	27.8	0.0	29.6	





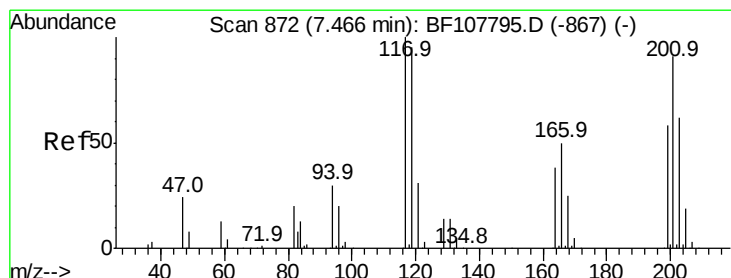
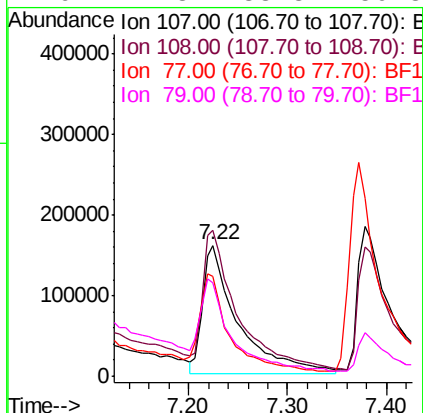
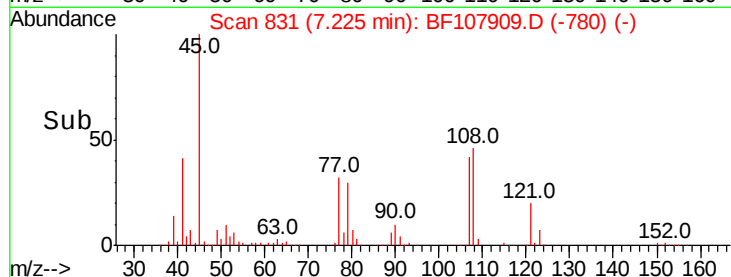
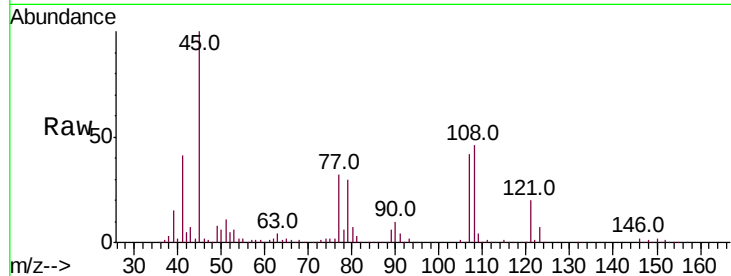
#17
2-Methylphenol
Concen: 51.559 ng/ml
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleID :
PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	91.7	137.5	
77	76.4	33.8	50.8#	
79	71.8	33.8	50.8#	

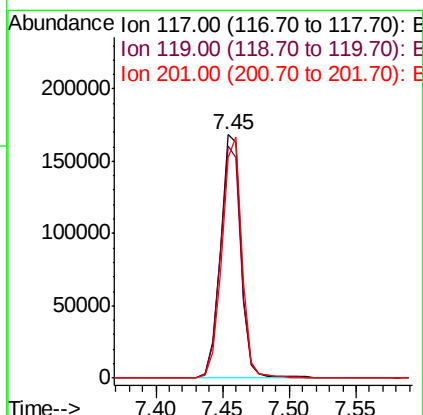
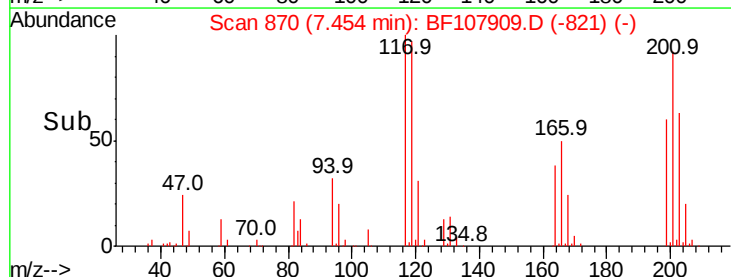
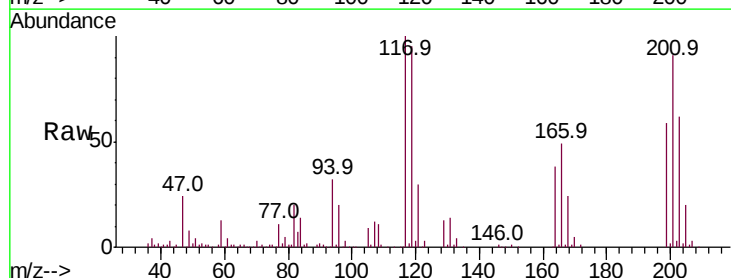
Manual Integrations
APPROVED

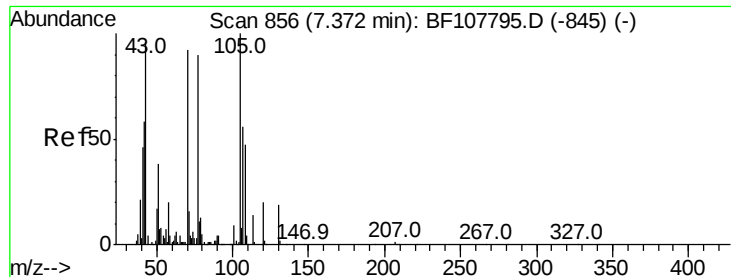
Sohil
8/3/2018 12:53:11 PM



#18
Hexachloroethane
Concen: 41.766 ng/ml
RT: 7.45 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.8	113.8	
201	90.5	75.7	113.5	





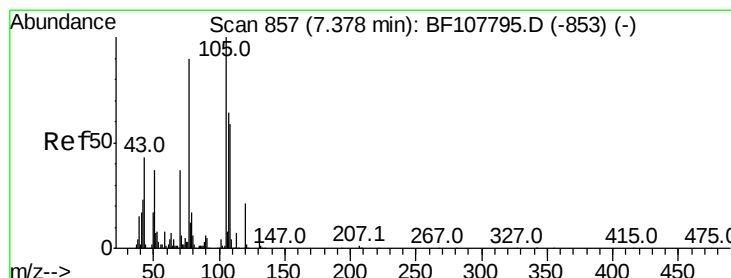
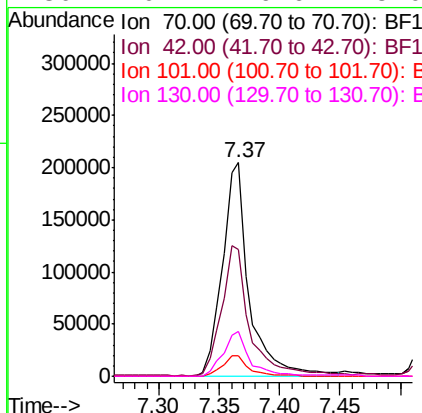
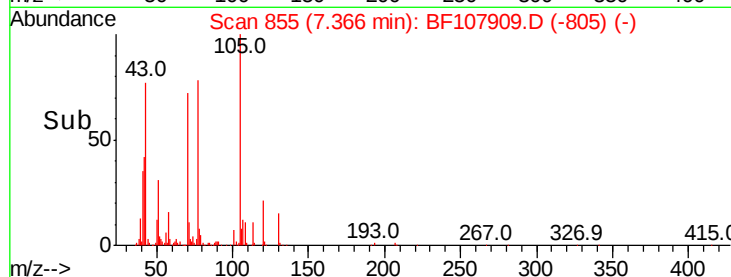
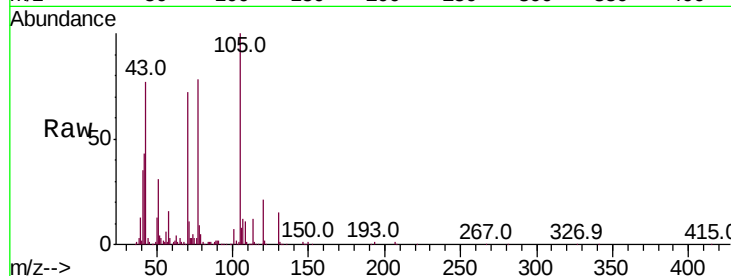
#19
n-Nitroso-di-n-propylamine
Concen: 45.086 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.3	47.5	71.3	
101	9.9	7.4	11.2	
130	20.7	16.6	25.0	

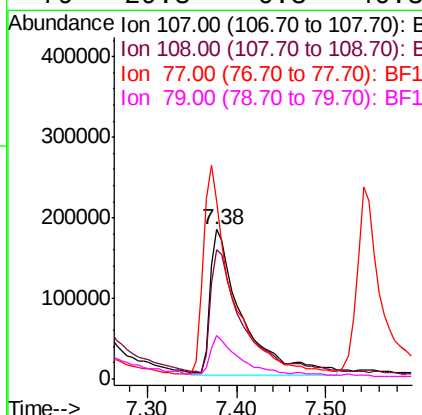
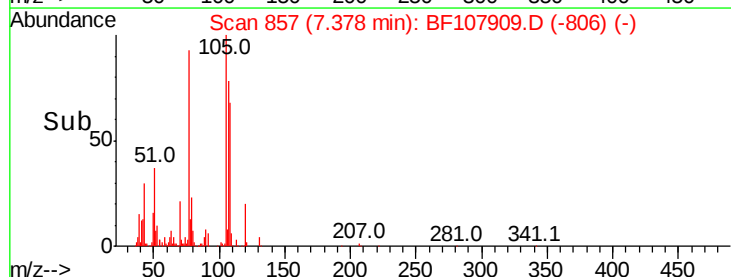
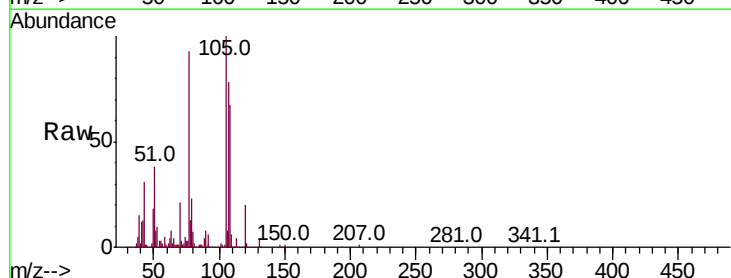
Manual Integrations
APPROVED

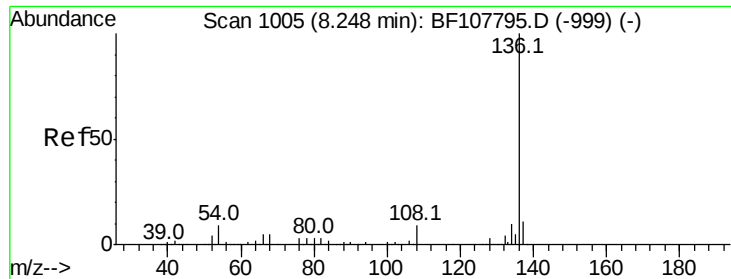
Sohil
8/3/2018 12:53:11 PM



#20
3+4-Methylphenols
Concen: 47.175 ng m
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	68.2	108.2	
77	118.9	26.7	66.7#	
79	29.3	6.3	46.3	





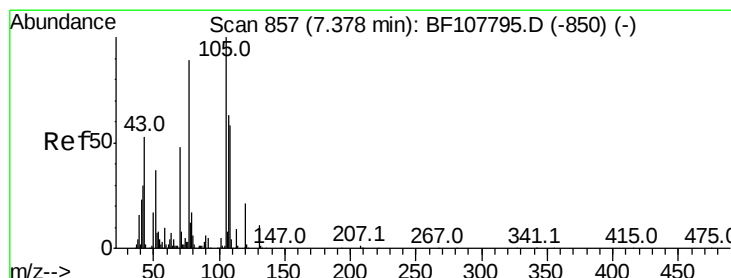
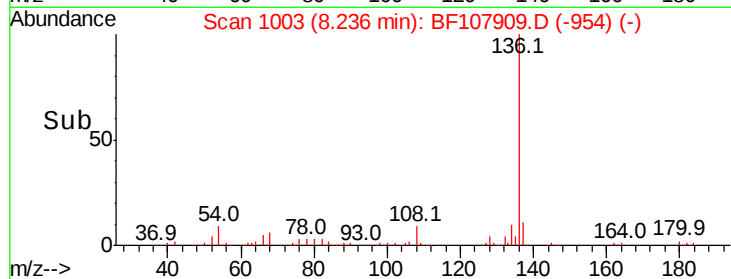
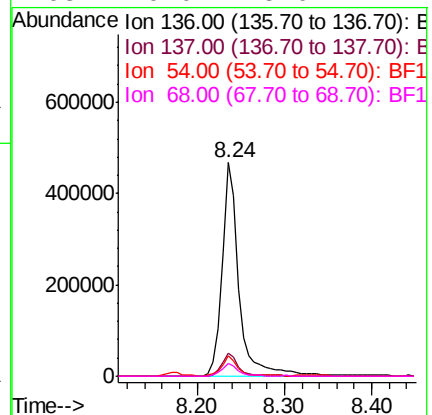
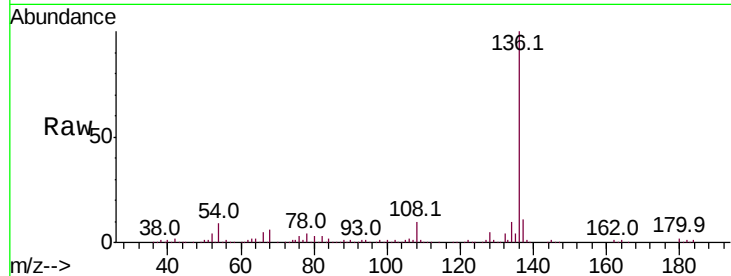
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	631096		
137	11.1	8.9	13.3	
54	9.5	6.6	9.8	
68	6.0	5.0	7.4	

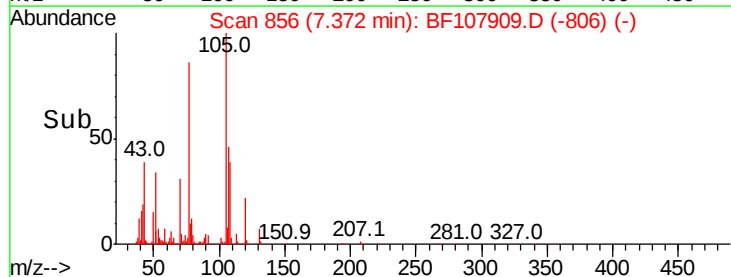
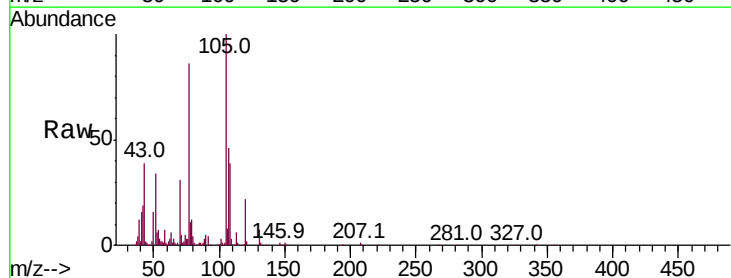
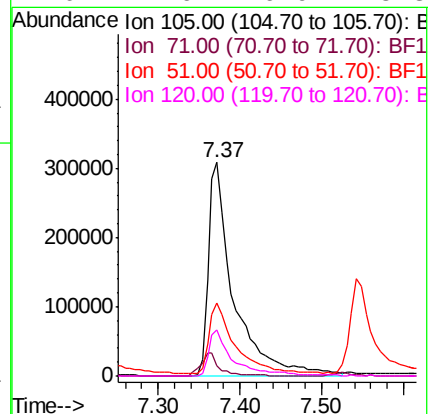
Manual Integrations
APPROVED

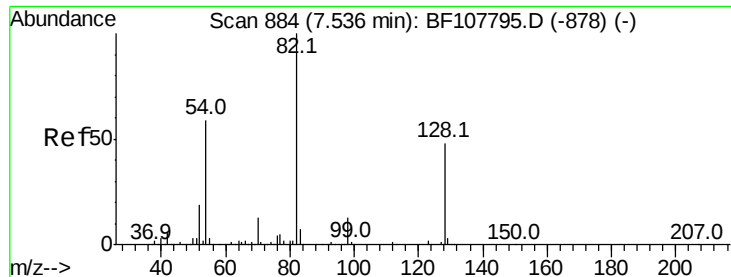
Sohil
8/3/2018 12:53:11 PM



#22
Acetophenone
Concen: 43.409 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659091		
71	5.0	4.4	6.6	
51	34.4	22.3	33.5	
120	21.6	16.9	25.3	





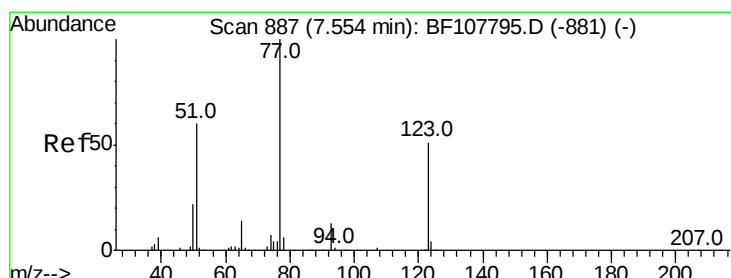
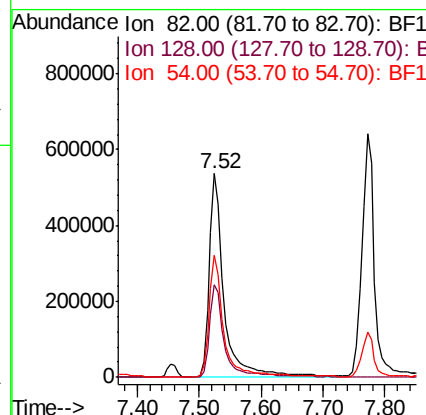
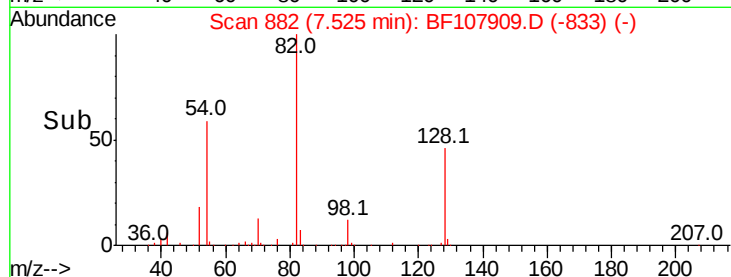
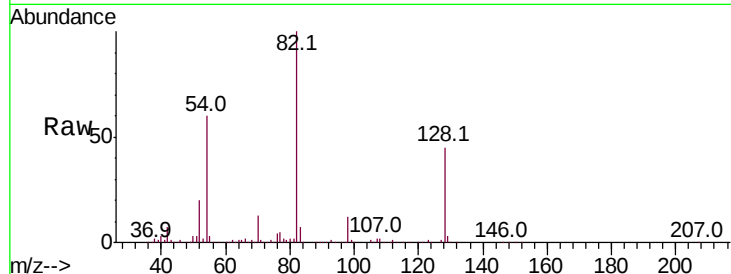
#23
Nitrobenzene-d5
Concen: 81.744 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	60.0	41.4	62.2

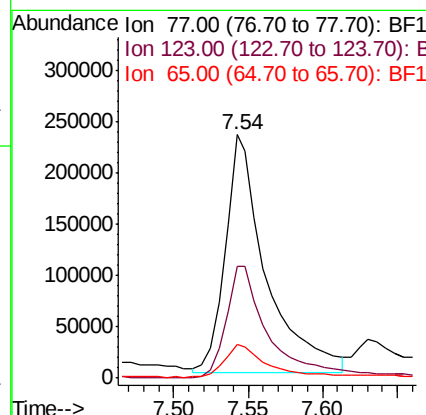
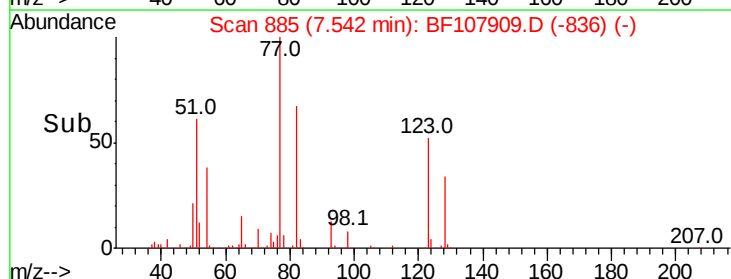
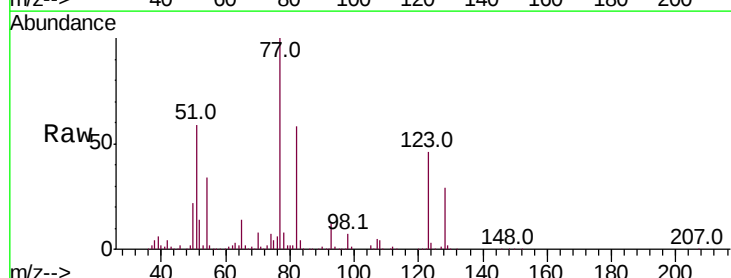
Manual Integrations
APPROVED

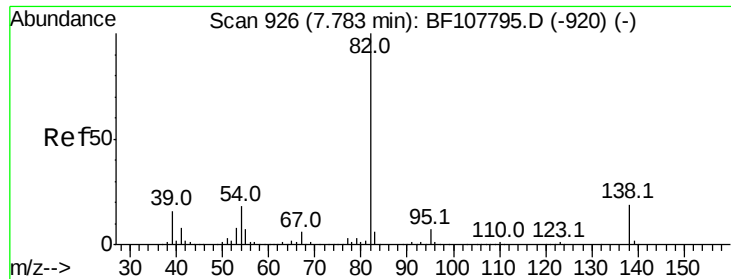
Sohil
8/3/2018 12:53:11 PM



#24
Nitrobenzene
Concen: 38.617 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.9	56.9
65	14.0	11.0	16.4





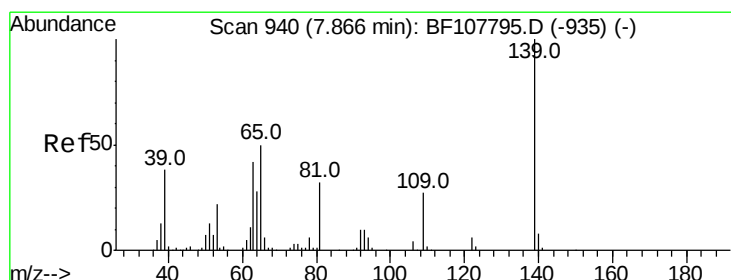
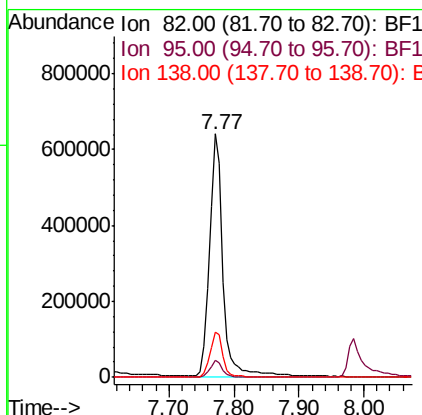
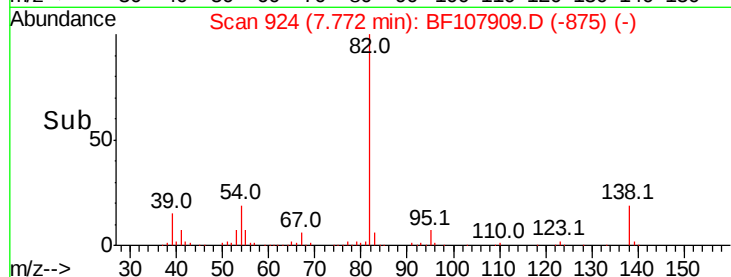
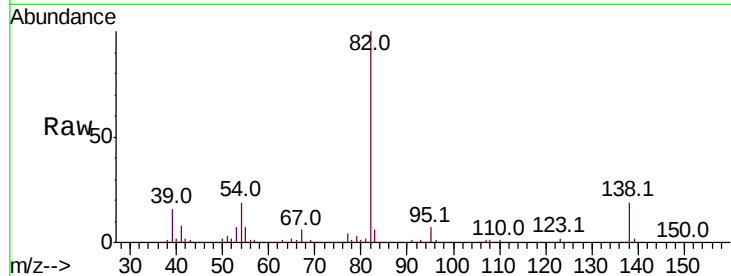
#25
Isophorone
Concen: 50.450 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.2	7.8	
138	18.6	14.9	22.3	

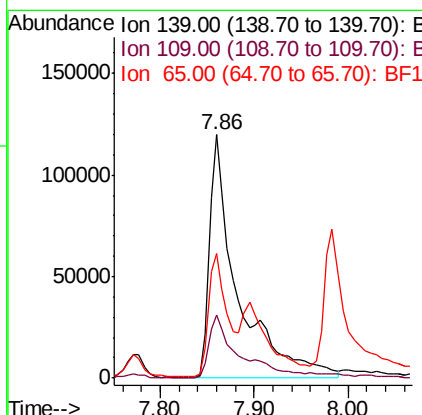
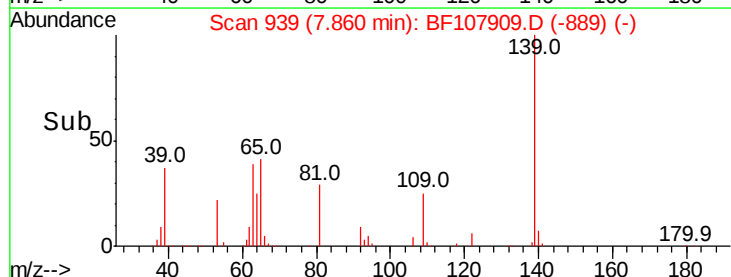
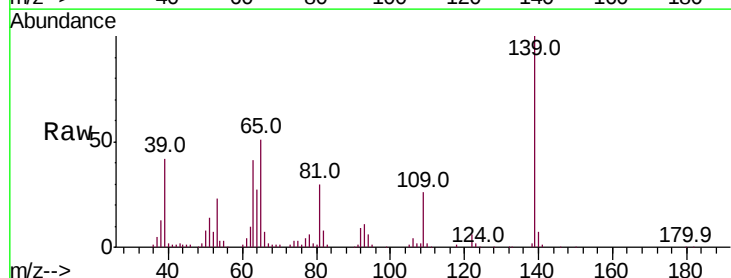
Manual Integrations
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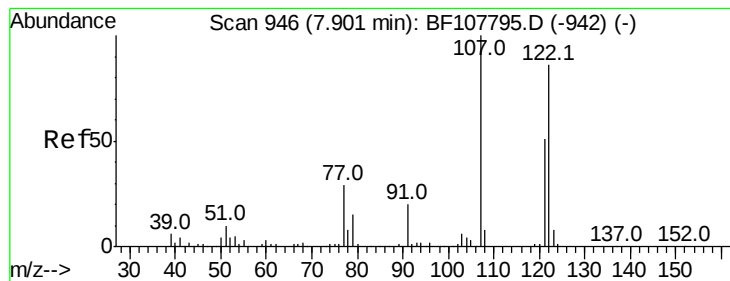
Sohil
8/3/2018 12:53:11 PM



#26
2-Nitrophenol
Concen: 43.825 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.8	22.7	34.1	
65	51.2	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 51.163 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

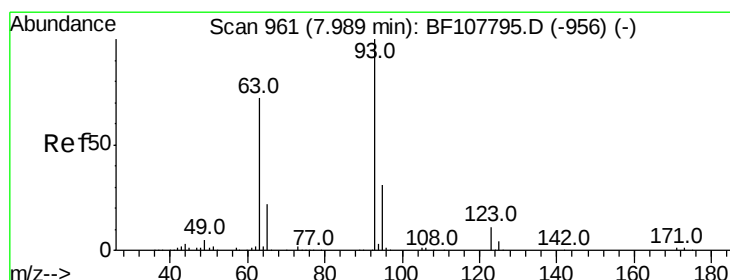
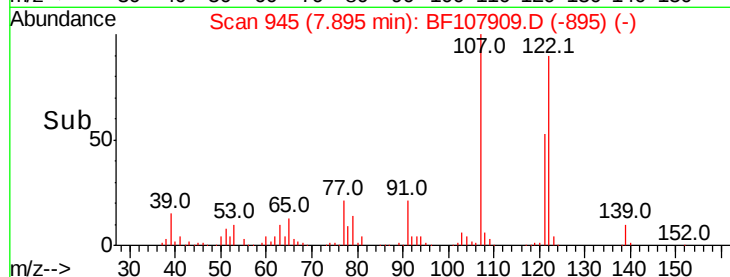
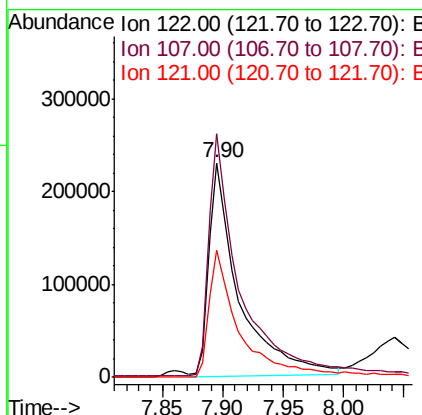
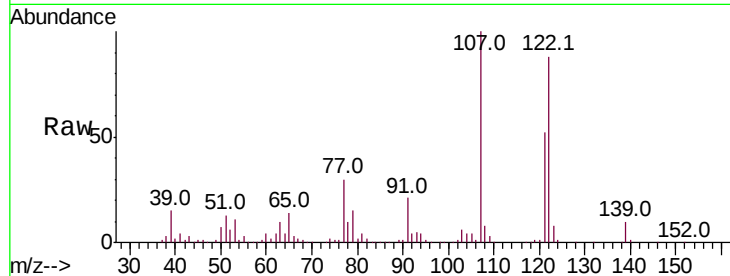
ClientSampleId :

PB111688BS

Tot Ion:	122	Resp:	394878
Ion Ratio	Lower	Upper	
122	100		
107	113.7	91.2	136.8
121	59.1	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 46.891 ng

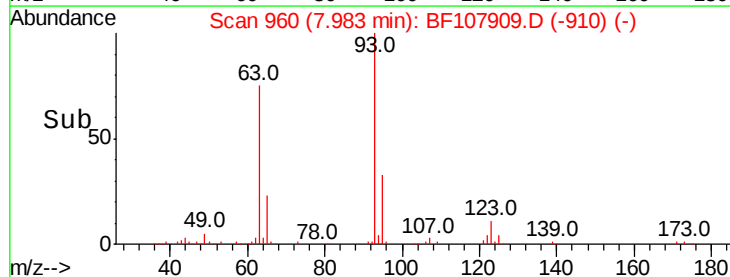
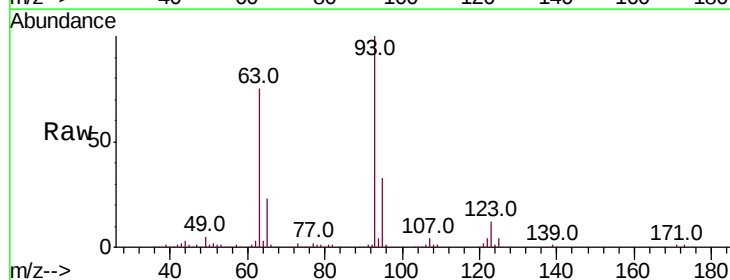
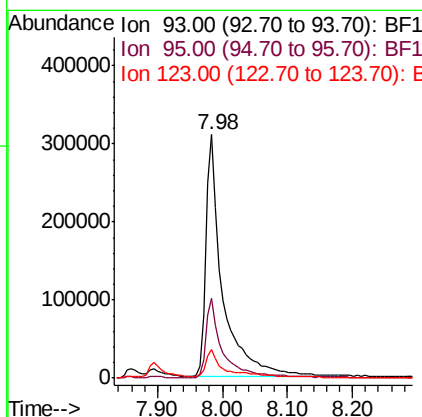
RT: 7.98 min Scan# 960

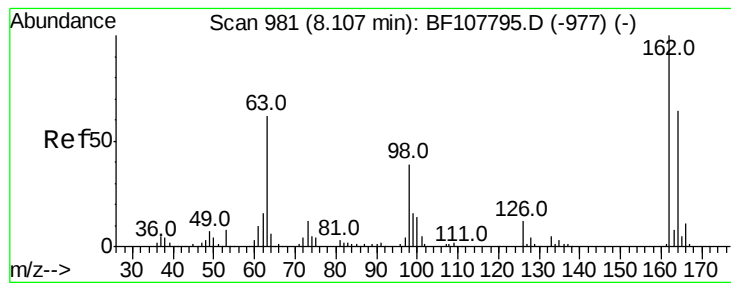
Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Tgt Ion:	93	Resp:	555677
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.8	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 45.283 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

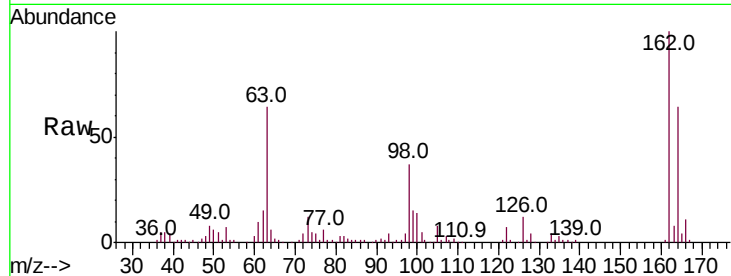
ClientSampleId :

PB111688BS

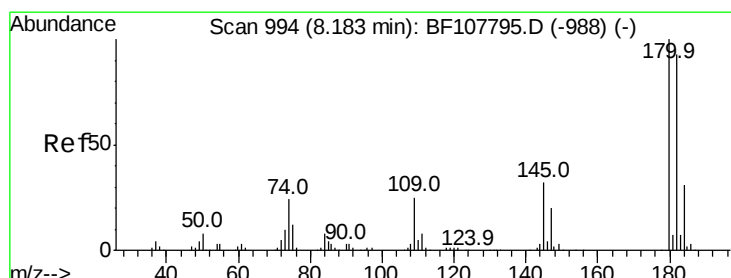
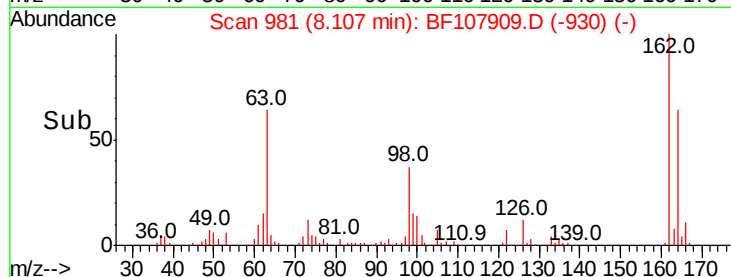
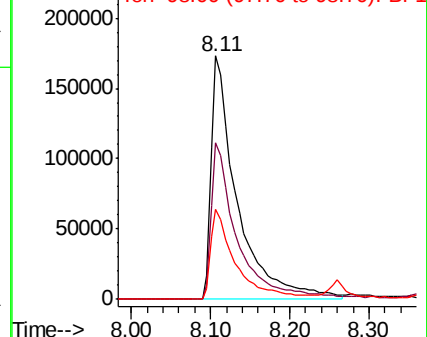
Tot Ion:	162	Resp:	395327
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	37.2	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 43.516 ng

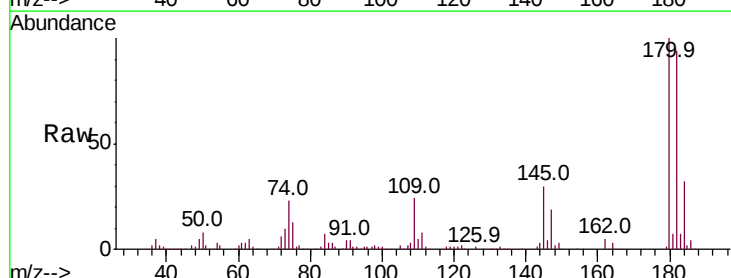
RT: 8.18 min Scan# 993

Delta R.T. -0.01 min

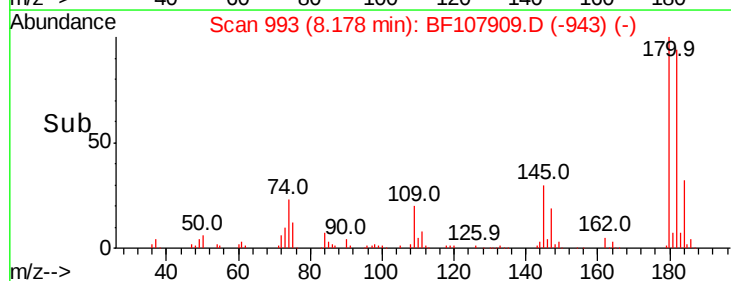
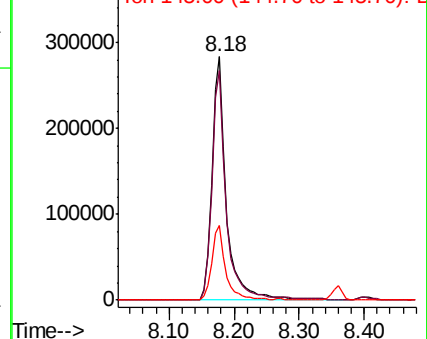
Lab File: BF107909.D

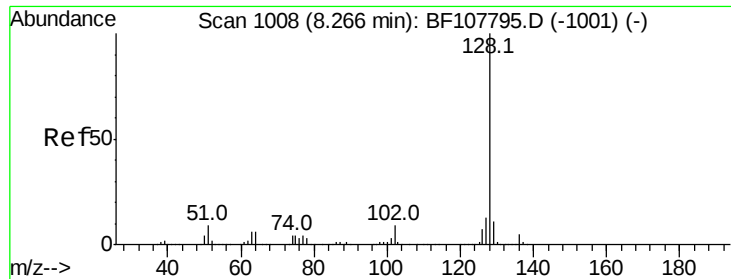
Acq: 2 Aug 2018 15:10

Tgt Ion:	180	Resp:	433394
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	30.4	26.5	39.7



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





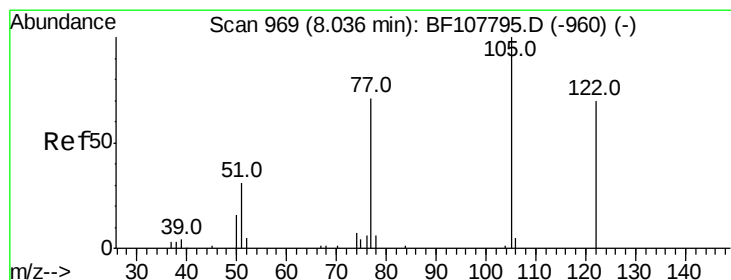
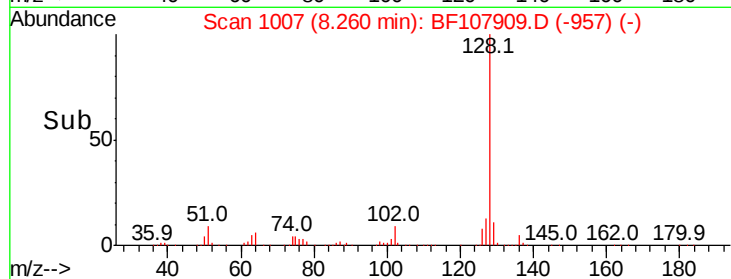
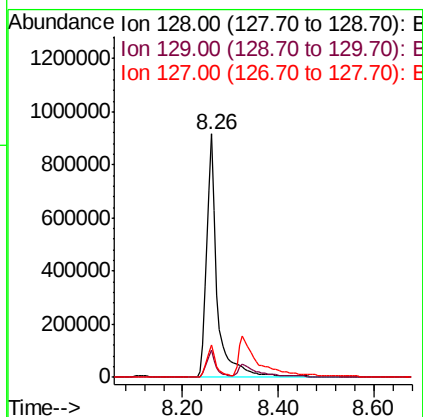
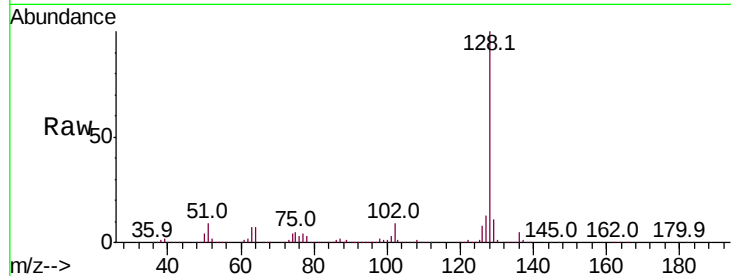
#31
Naphthalene
Concen: 48.315 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion:128 Resp: 1417377
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

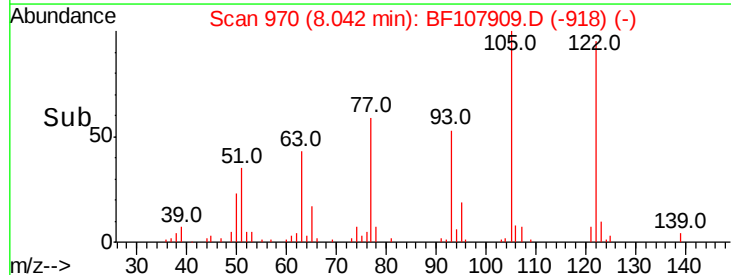
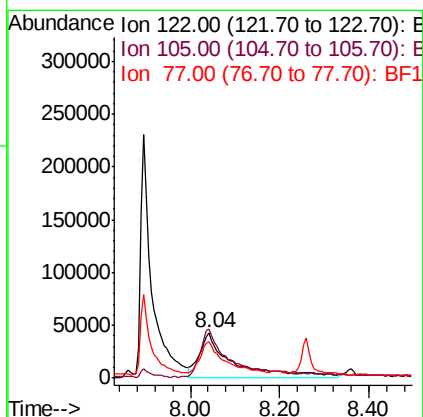
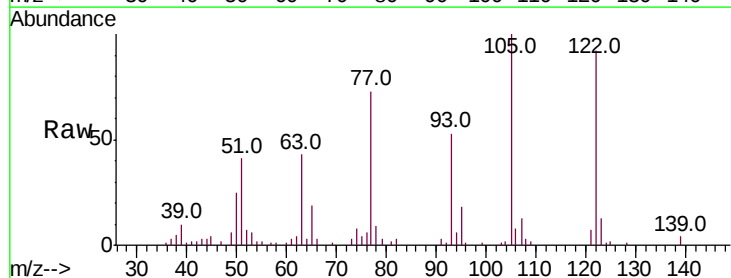
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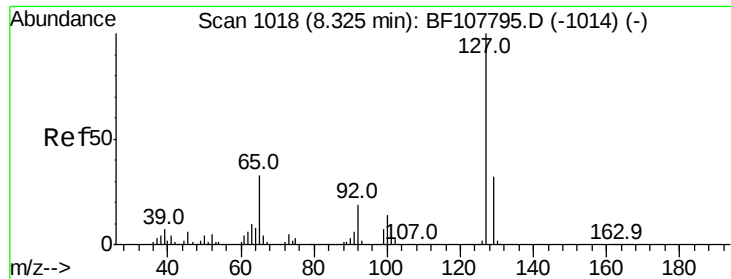
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#32
Benzoic acid
Concen: 44.915 ng m
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:122 Resp: 234081
Ion Ratio Lower Upper
122 100
105 108.2 101.1 141.1
77 79.5 70.7 110.7





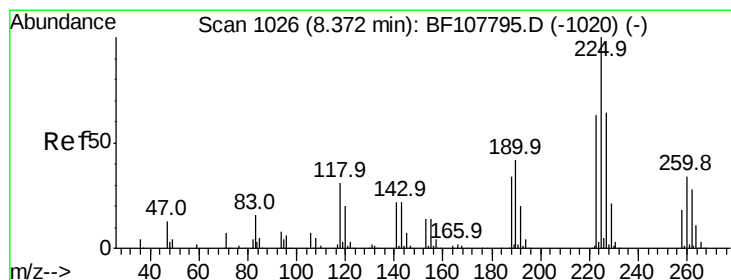
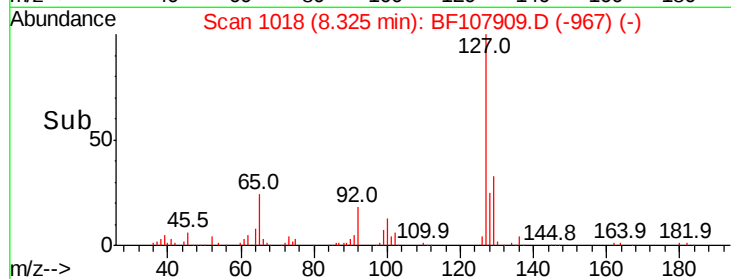
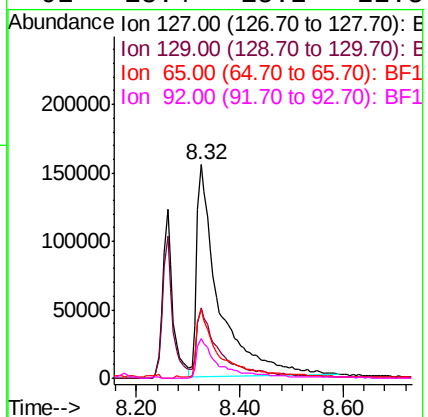
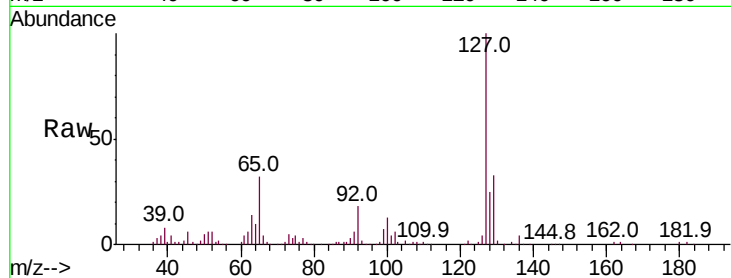
#33
4-Chloroaniline
Concen: 36.586 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.9	38.9	
65	32.1	25.0	37.4	
92	18.4	15.2	22.8	

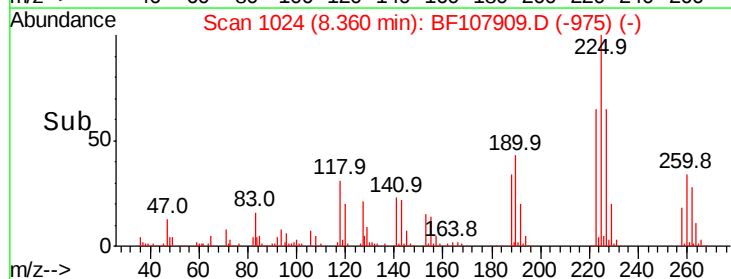
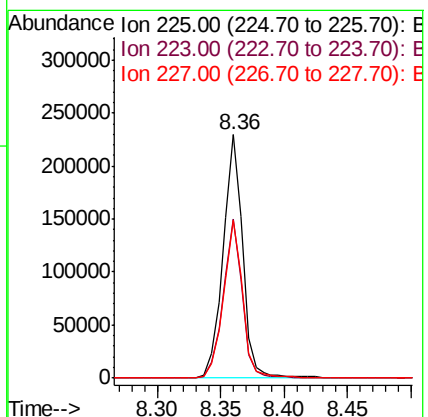
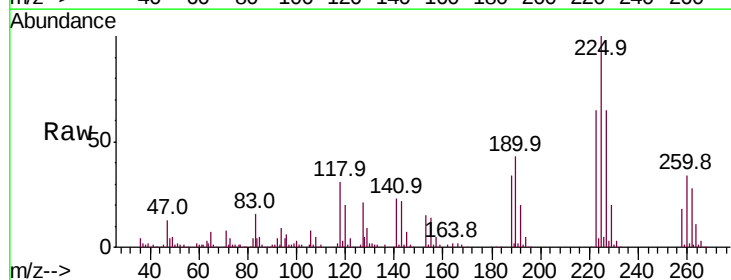
Manual Integrations
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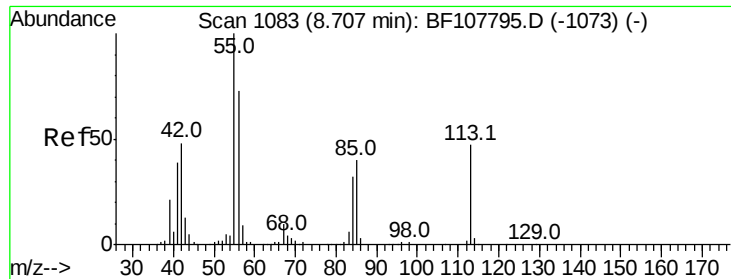
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#34
Hexachlorobutadiene
Concen: 40.088 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	50.6	76.0	
227	64.7	51.9	77.9	





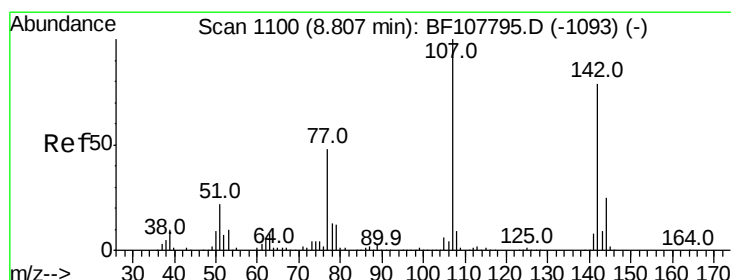
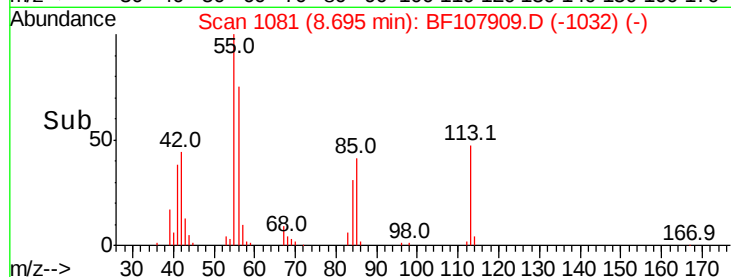
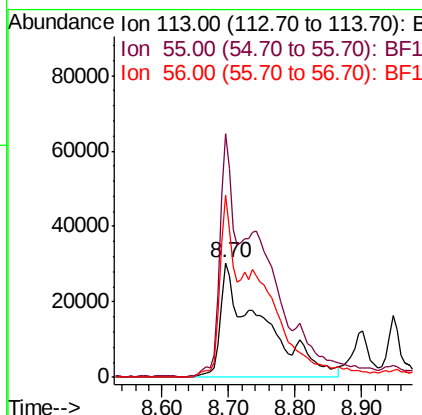
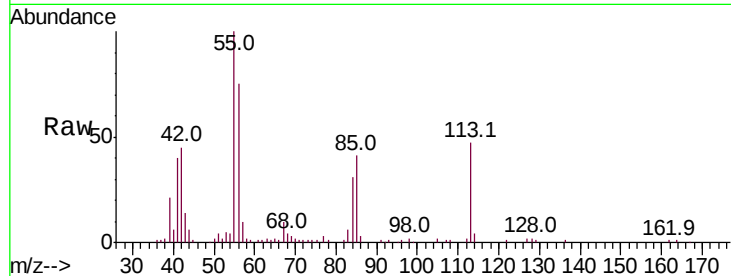
#35
 Caprolactam
 Concen: 49.961 ng/ml
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleID :
 PB111688BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.7	163.3	203.3#
56	158.7	115.7	155.7#

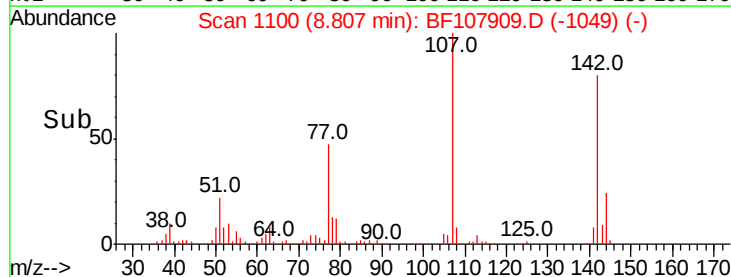
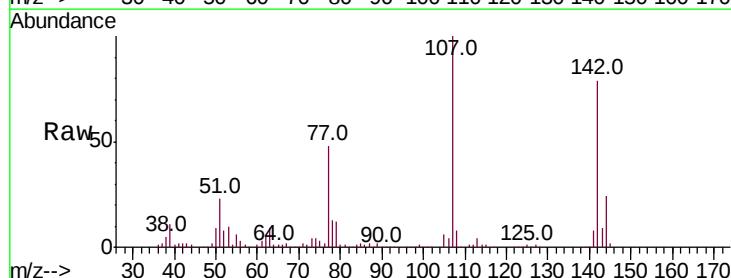
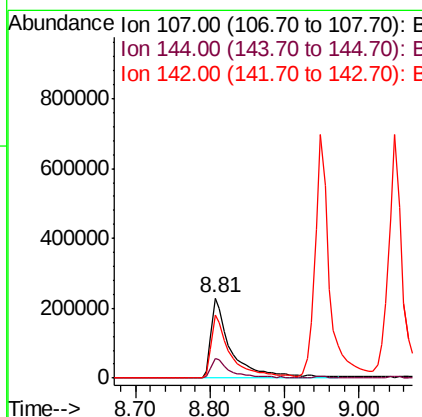
Manual Integrations
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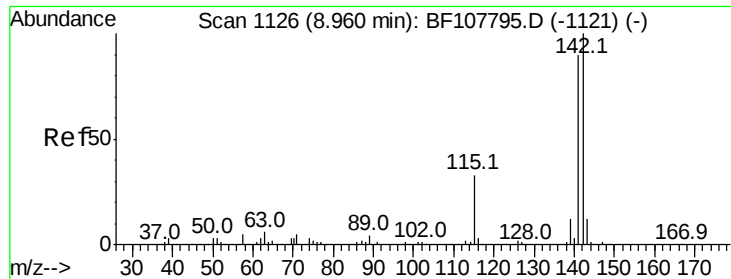
Sohil
 8/3/2018 12:53:11 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.216 ng/ml
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.5	30.7
142	79.4	62.0	93.0





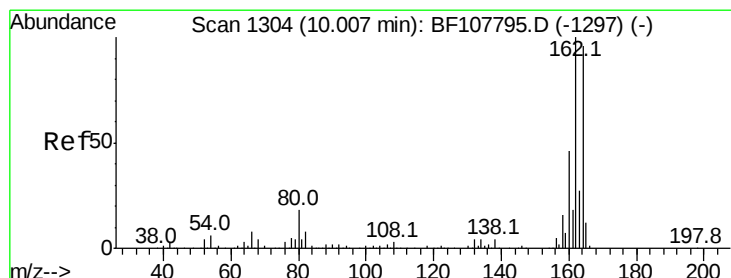
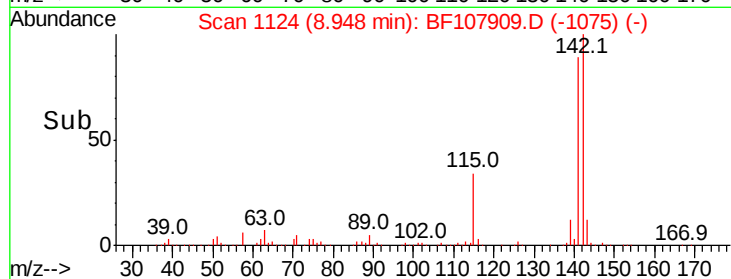
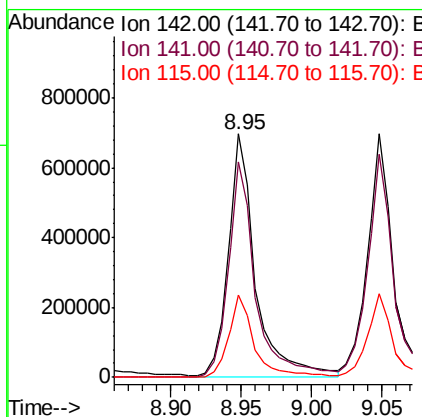
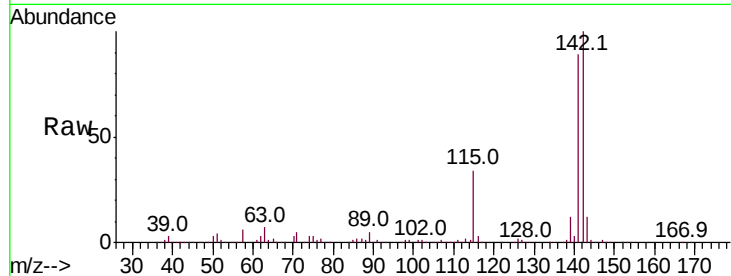
#37
2-Methylnaphthalene
Concen: 50.554 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	931585		
141	88.6		70.8	106.2
115	33.9		26.1	39.1

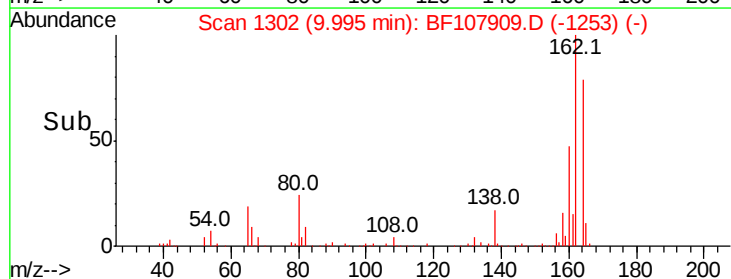
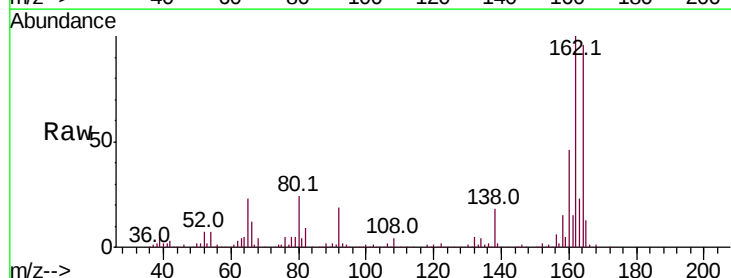
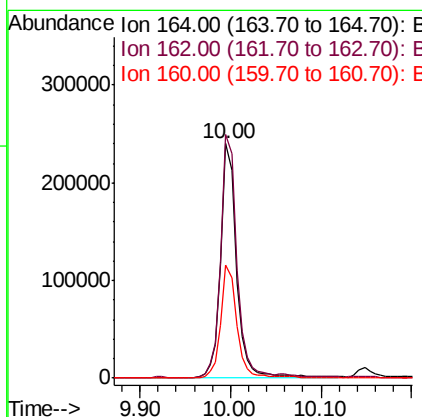
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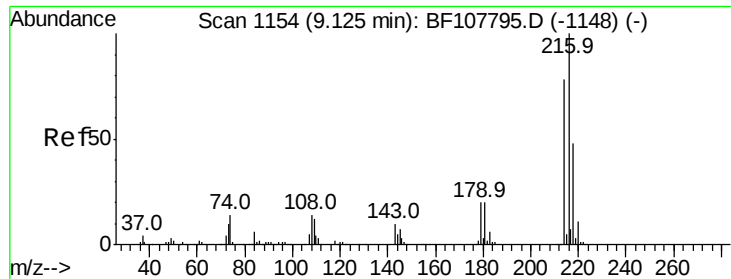
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	293982		
162	103.8		86.1	129.1
160	48.0		38.3	57.5





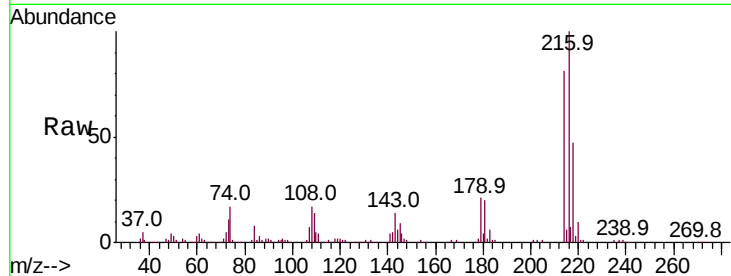
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.203 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

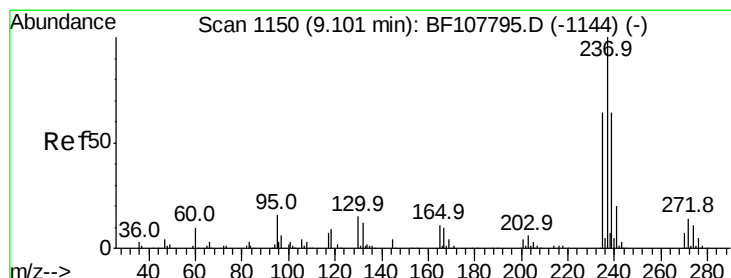
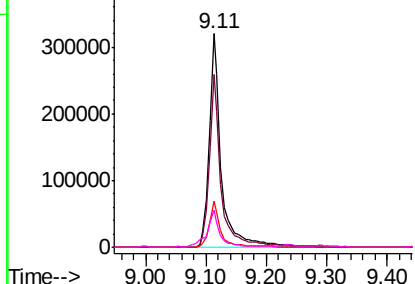
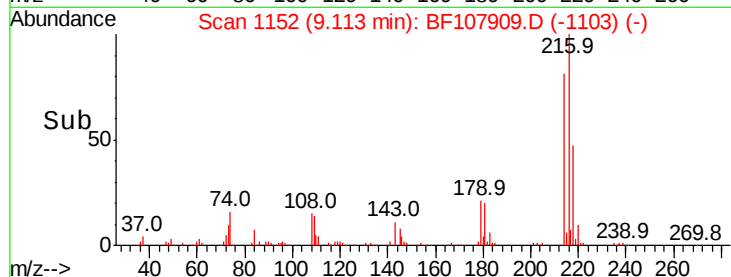
Tot Ion	Ratio	Resp	Lower	Upper
216	100	453085		
214	79.0	63.0	94.4	
179	20.8	18.1	27.1	
108	18.1	17.2	25.8	

Manual Integrations
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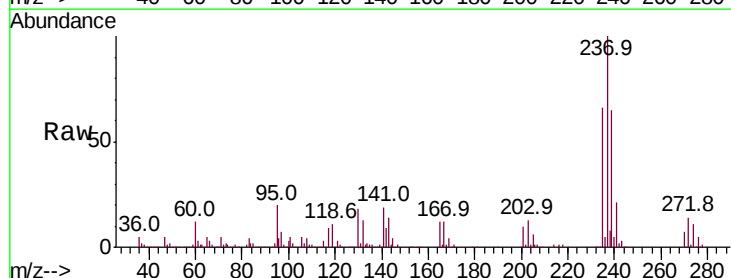


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

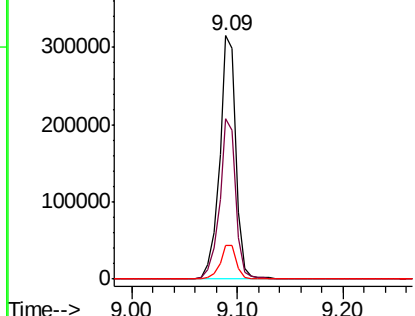
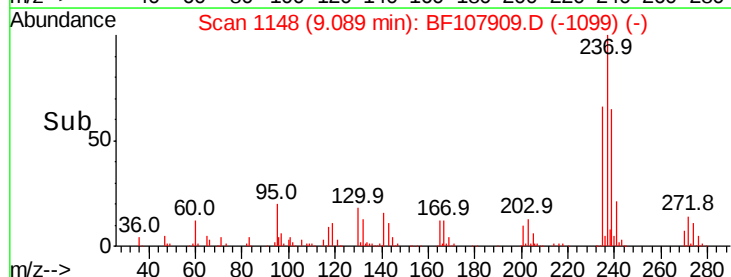


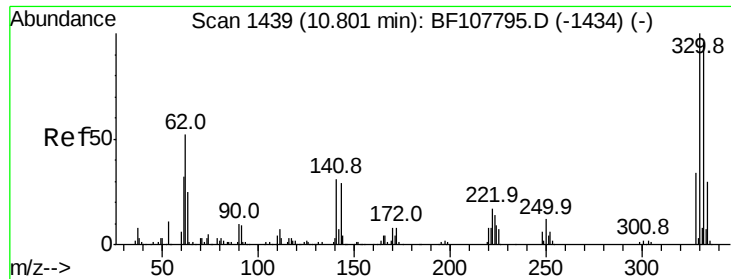
#40
 Hexachlorocyclopentadiene
 Concen: 79.754 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	344005		
235	65.7	44.8	84.8	
272	13.9	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





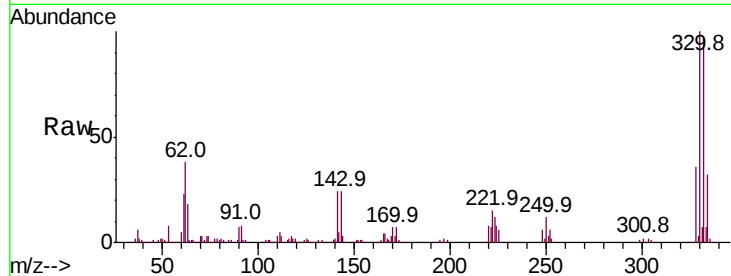
#41
 2,4,6-Tribromophenol
 Concen: 119.822 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampled :
 PB111688BS

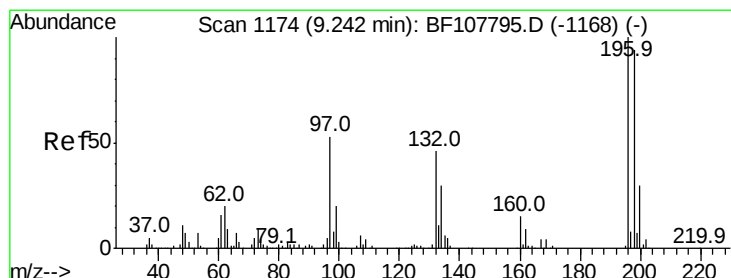
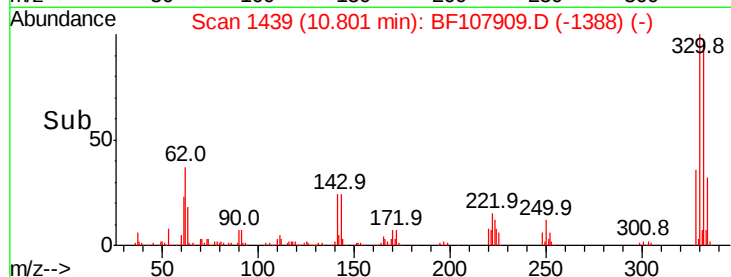
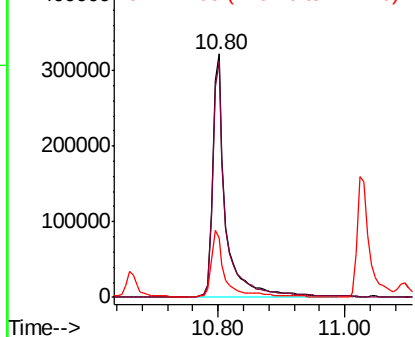
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	77.0	115.6	
141	27.7	29.9	44.9	

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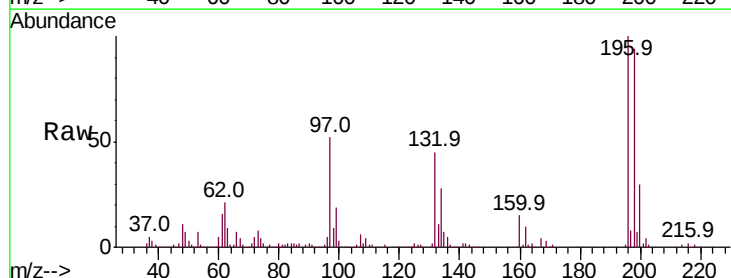


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

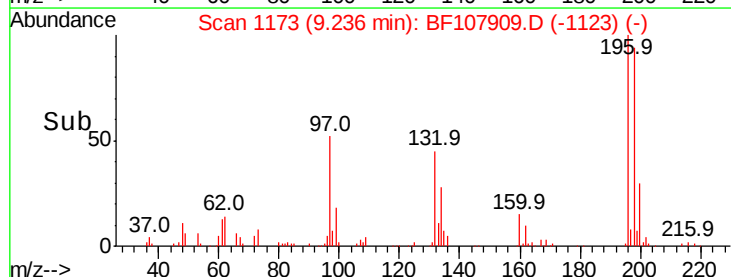
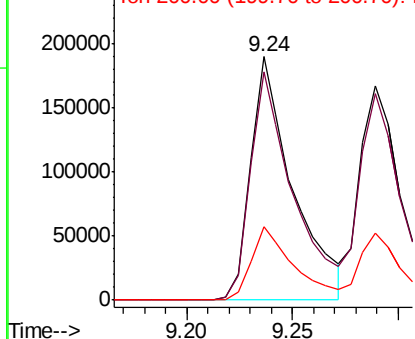


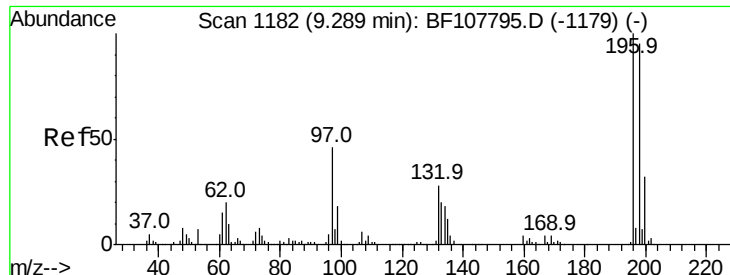
#42
 2,4,6-Trichlorophenol
 Concen: 47.514 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.6	75.7	113.5	
200	30.3	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





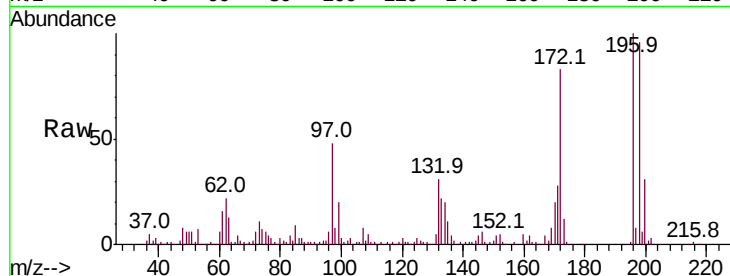
#43
 2,4,5-Trichlorophenol
 Concen: 49.986 ng/mL
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleID :
 PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333449		
198	96.2	74.6	112.0	
97	48.0	42.9	64.3	
132	30.5	26.3	39.5	

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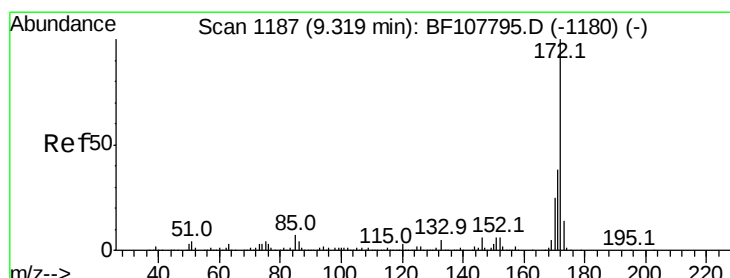
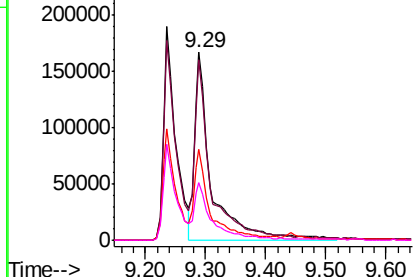
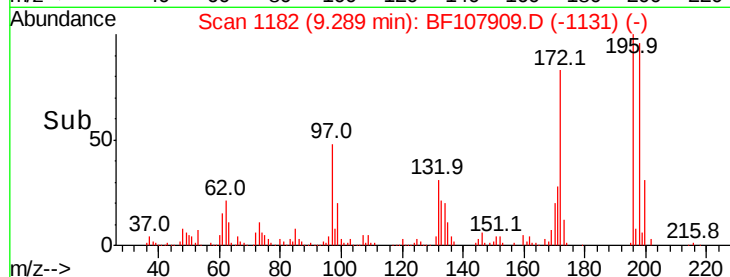
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

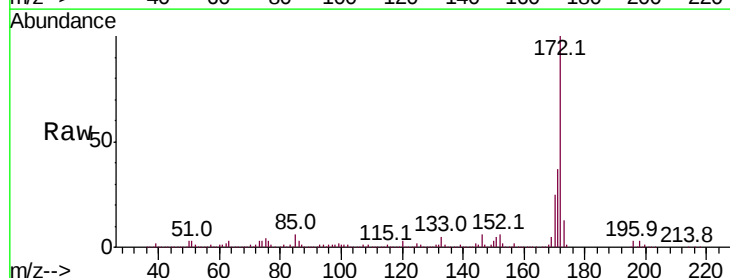
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.553 ng/mL
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1762704		
171	36.7	29.7	44.5	
170	24.5	19.6	29.4	

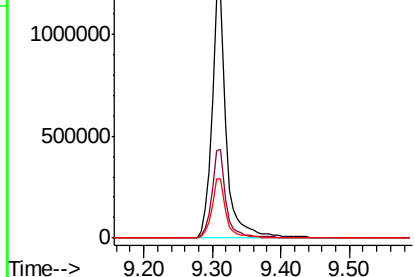
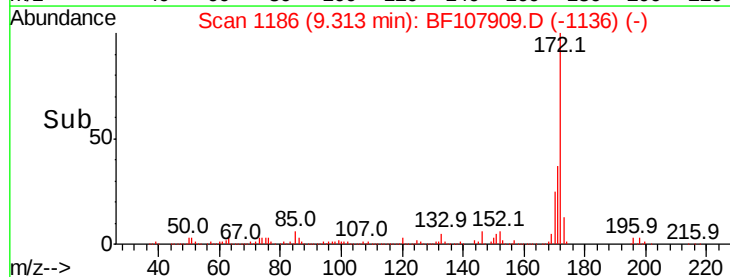


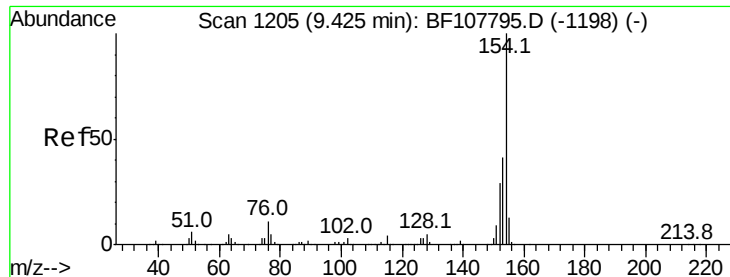
Abundance

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: 44.076 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tot Ion:154 Resp: 1179218

Ion Ratio Lower Upper

154 100

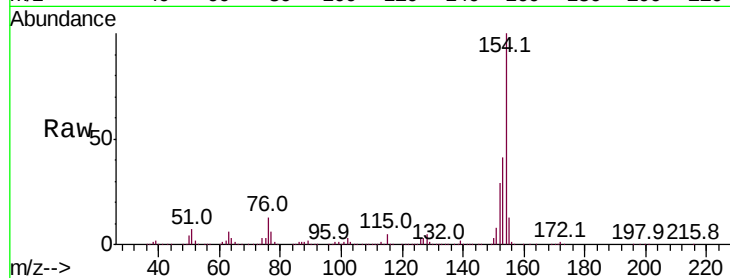
153 40.9 21.3 61.3

76 12.6 0.0 34.0

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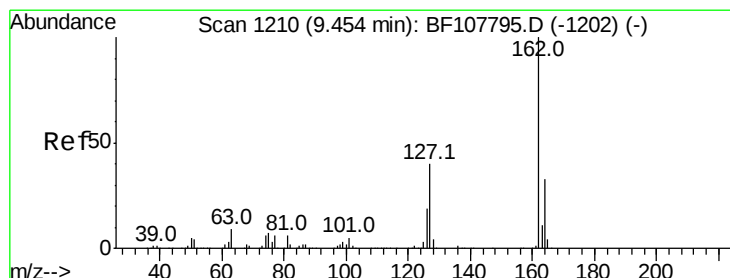
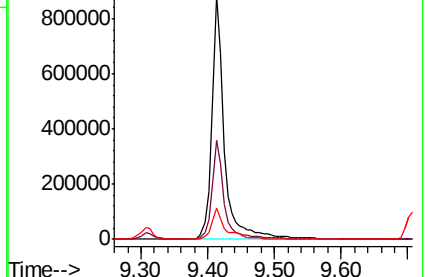
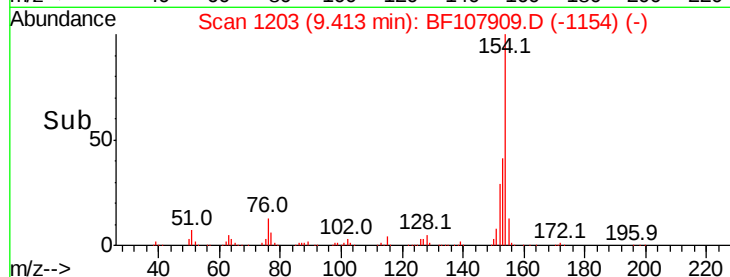
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 43.861 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

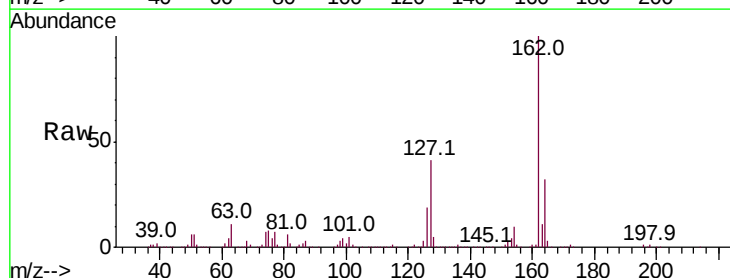
Tgt Ion:162 Resp: 884903

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

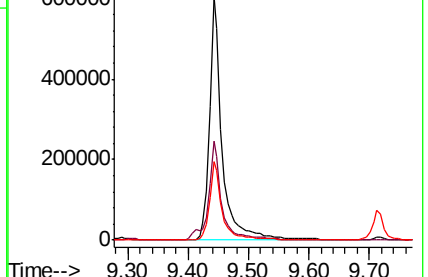
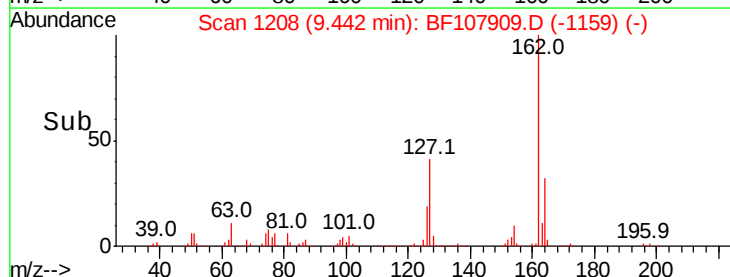
164 32.1 26.5 39.7

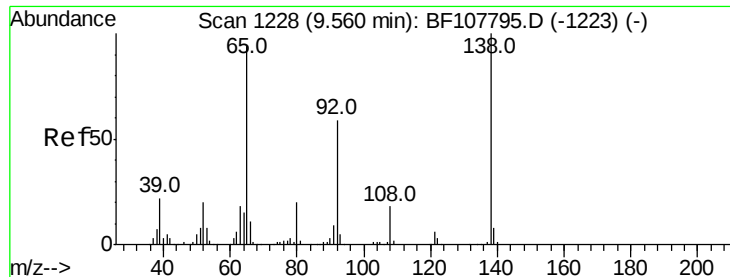


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





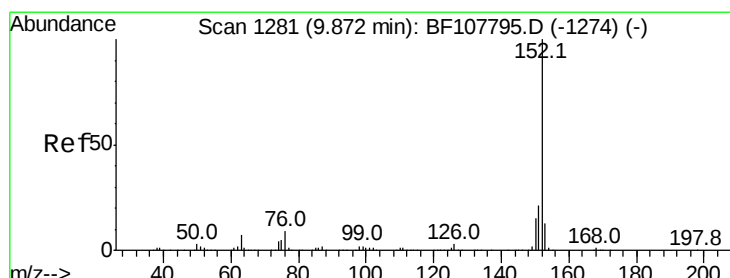
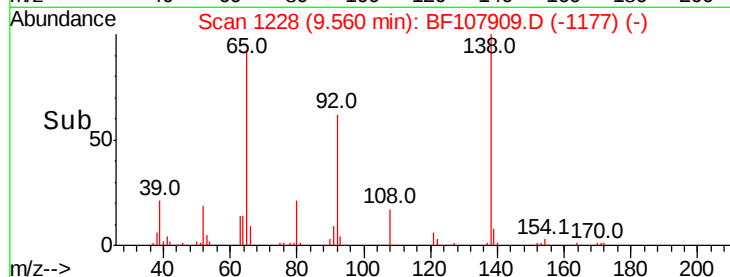
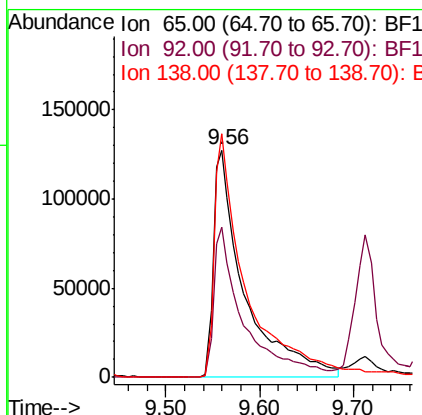
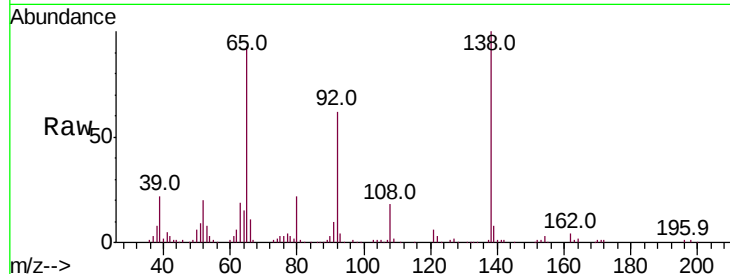
#47
2-Nitroaniline
Concen: 44.377 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.8	83.6
138	107.2	91.2	136.8

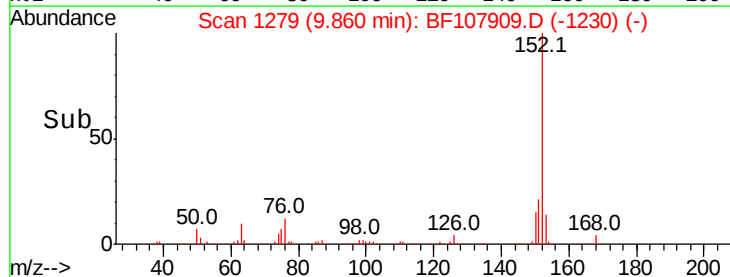
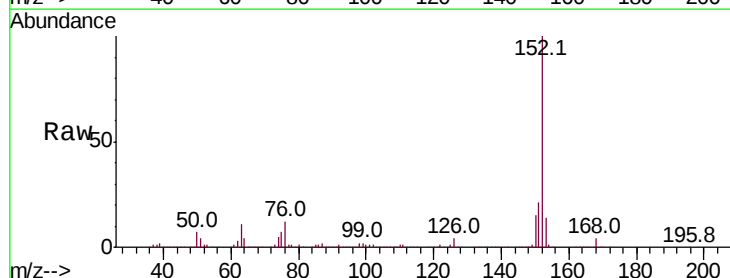
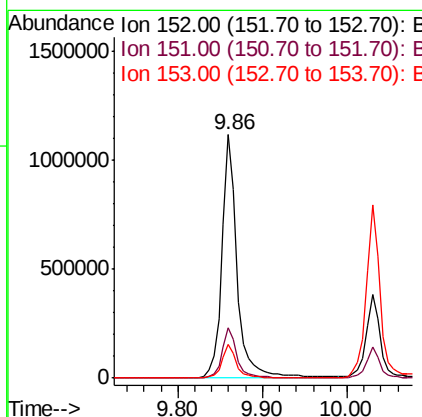
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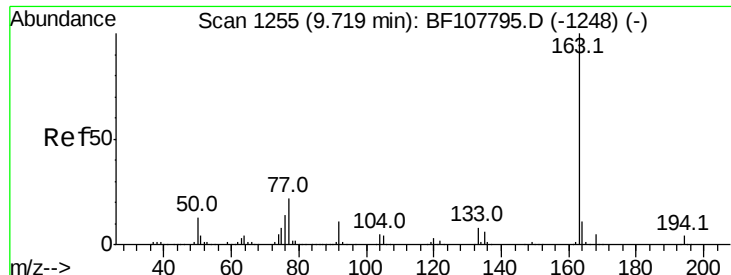
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#48
Acenaphthylene
Concen: 44.871 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.9	10.7	16.1





#49

Dimethylphthalate

Concen: 44.496 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

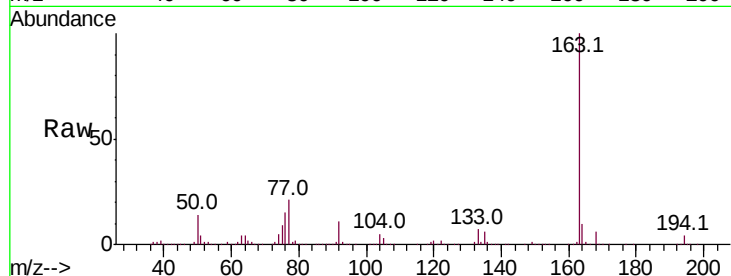
ClientSampled :

PB111688BS

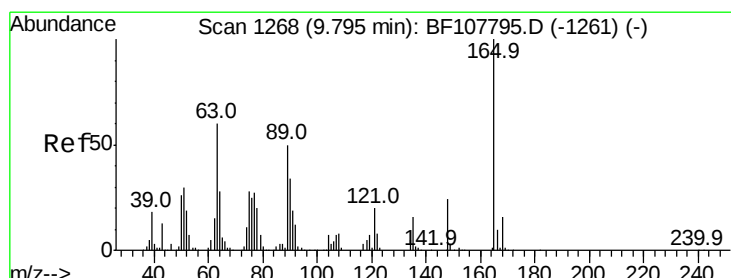
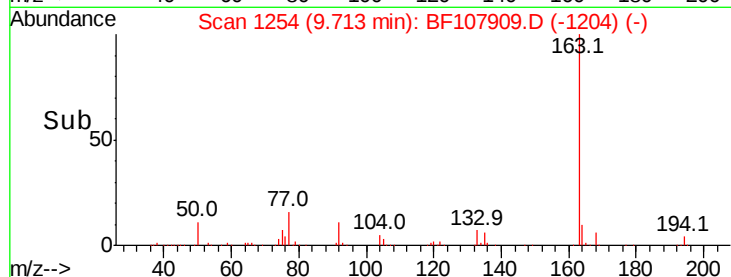
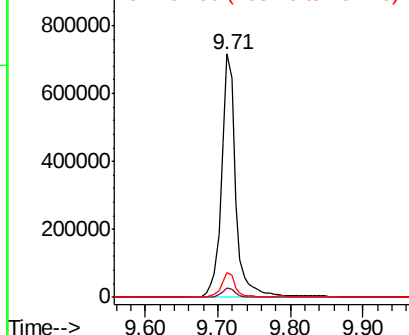
Tot Ion:	163	Resp:	982384
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2

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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: 45.232 ng

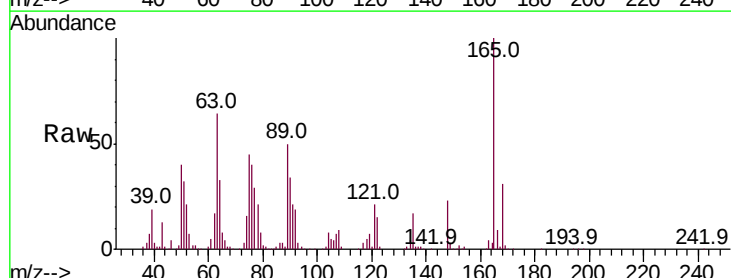
RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

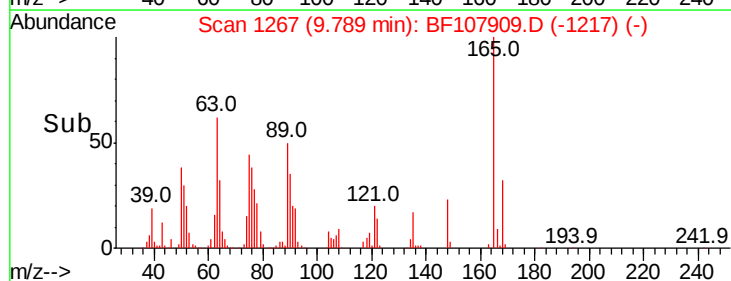
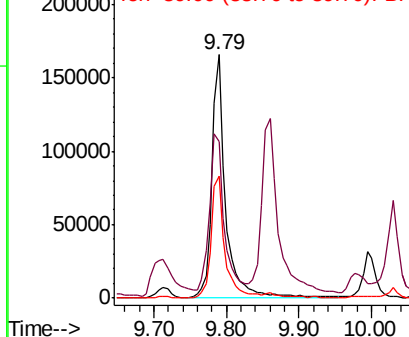
Lab File: BF107909.D

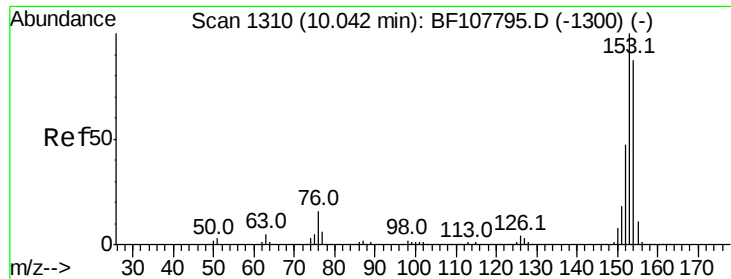
Acq: 2 Aug 2018 15:10

Tgt Ion:	165	Resp:	217023
Ion Ratio	Lower	Upper	
165	100		
63	64.3	44.7	67.1
89	50.0	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: 42.452 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tot Ion:154 Resp: 771305

Ion Ratio Lower Upper

154 100

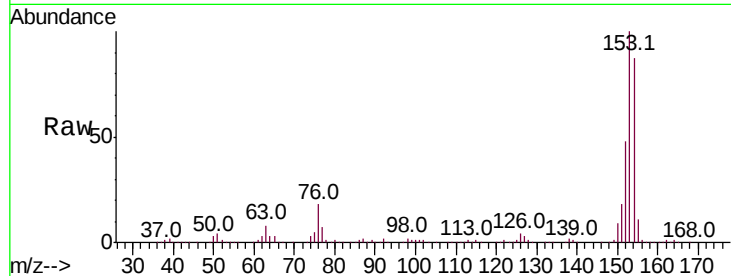
153 115.3 91.2 136.8

152 55.4 43.8 65.8

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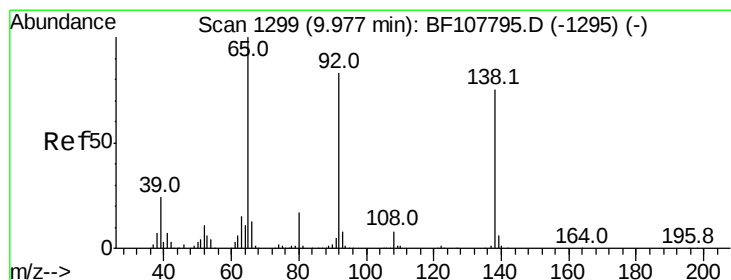
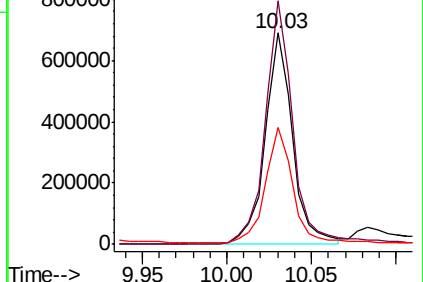
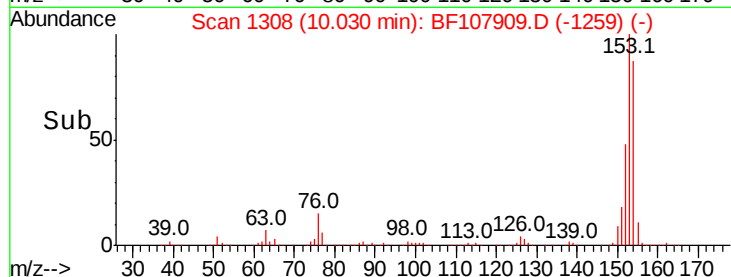
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.796 ng m

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

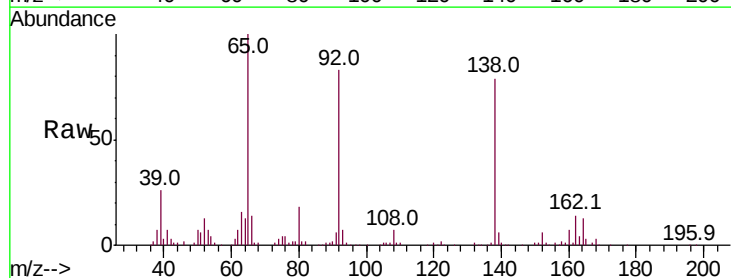
Tgt Ion:138 Resp: 210380

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

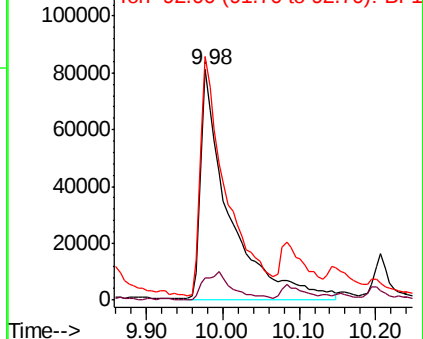
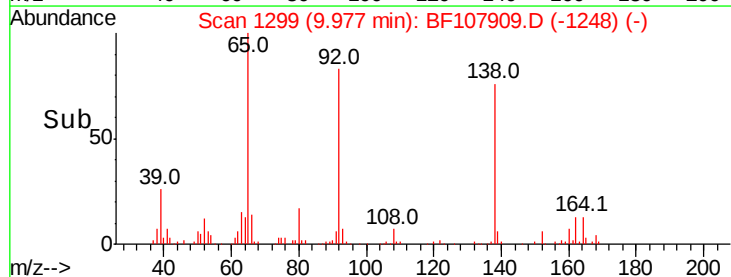
92 105.5 89.4 134.2

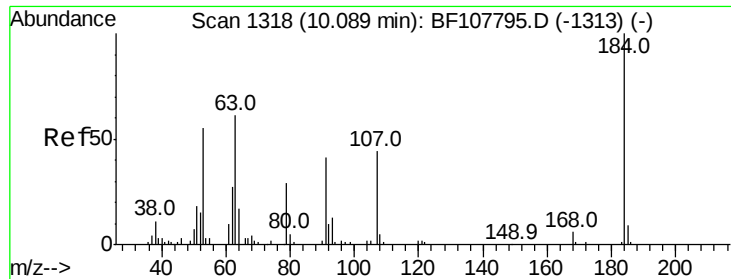


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





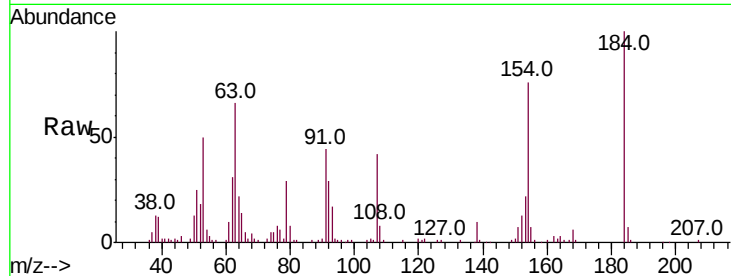
#53
2,4-Dinitrophenol
Concen: 79.393 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

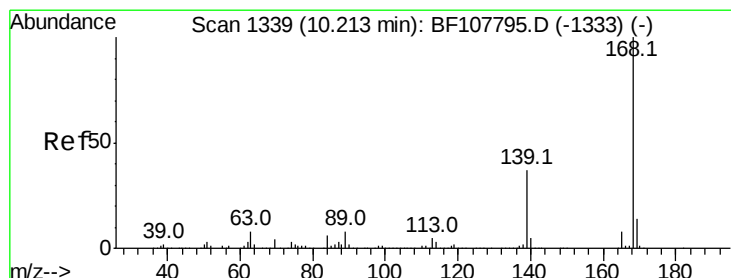
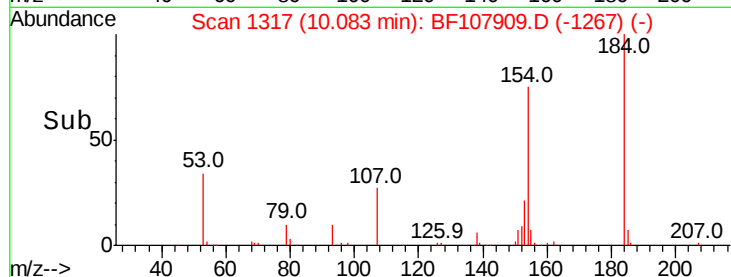
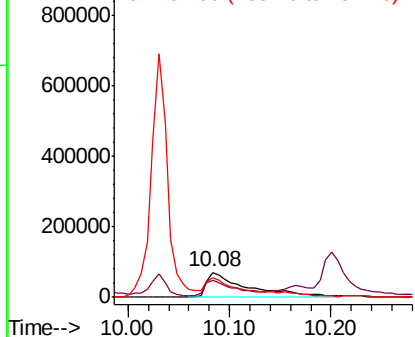
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.7	54.2	81.2	
154	76.1	184.0	276.0	

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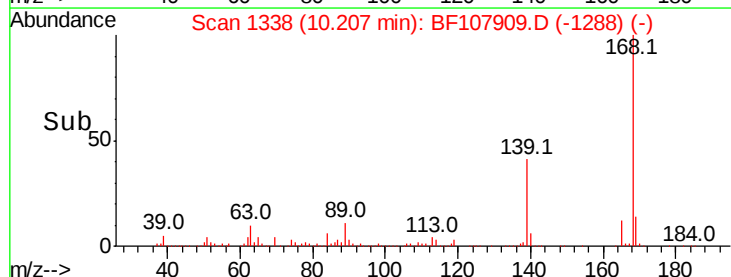
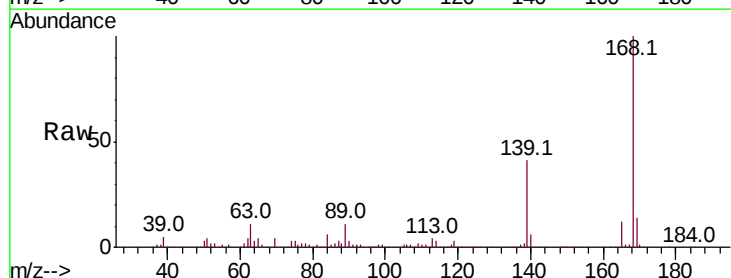
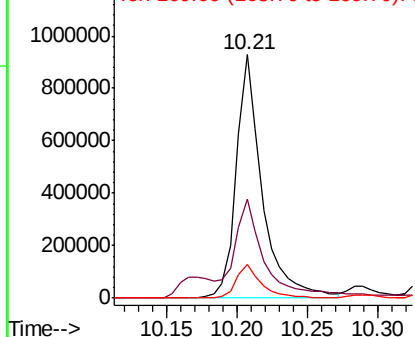
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

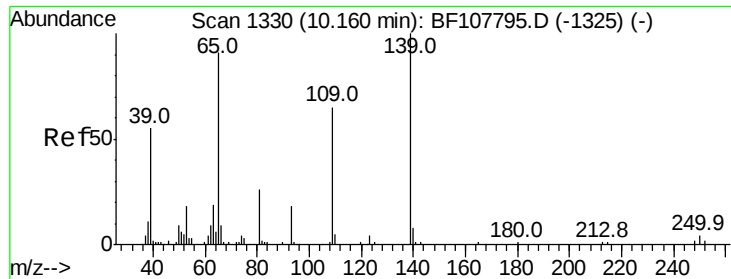


#54
Dibenzofuran
Concen: 42.195 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.7	30.1	45.1	
169	14.0	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





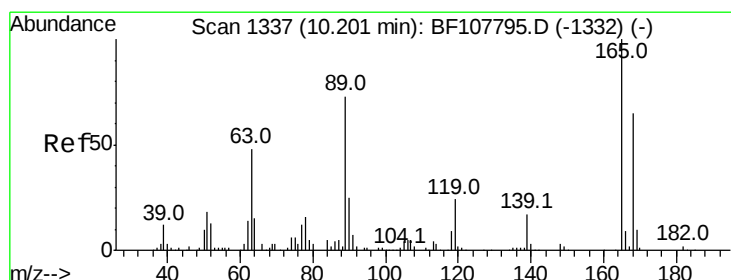
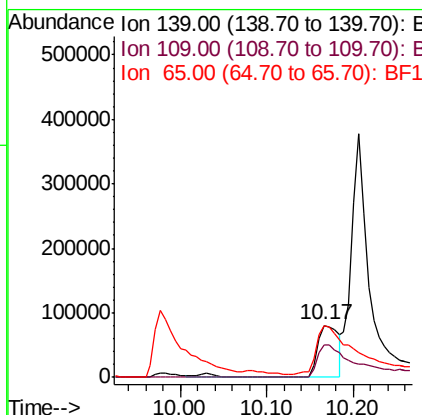
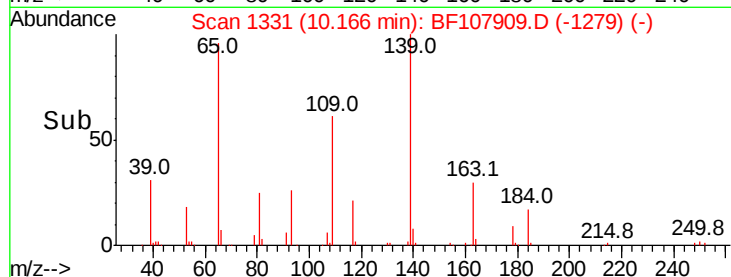
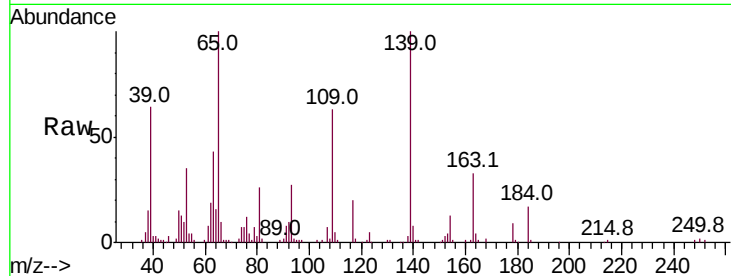
#55
4-Nitrophenol
Concen: 54.896 ng/ml
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleID :
PB111688BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.3	48.4	88.4
65	100.0	72.6	112.6

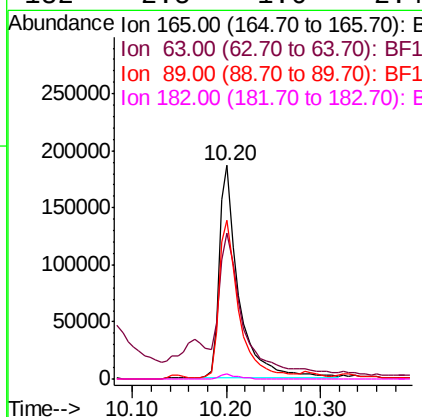
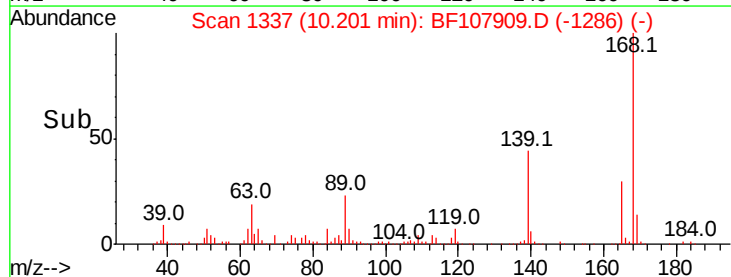
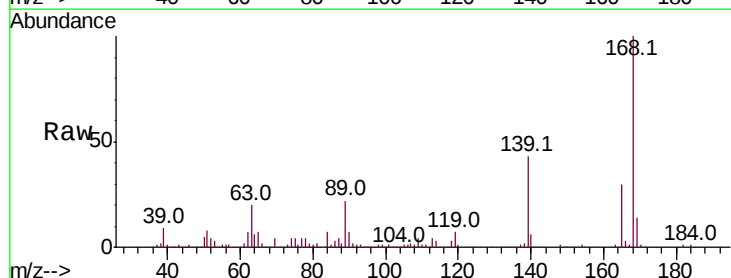
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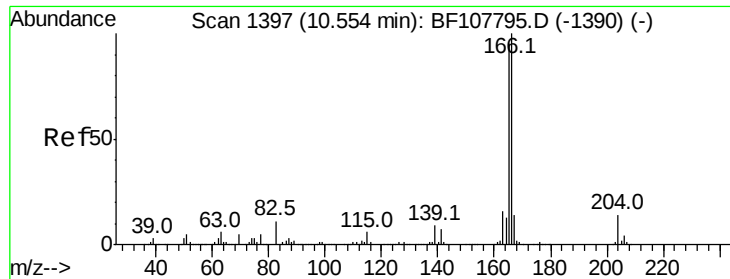
Sohil
8/3/2018 12:53:11 PM



#56
2,4-Dinitrotoluene
Concen: 43.135 ng/ml
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.1	36.4	54.6#
89	74.6	57.8	86.6
182	2.5	1.6	2.4#





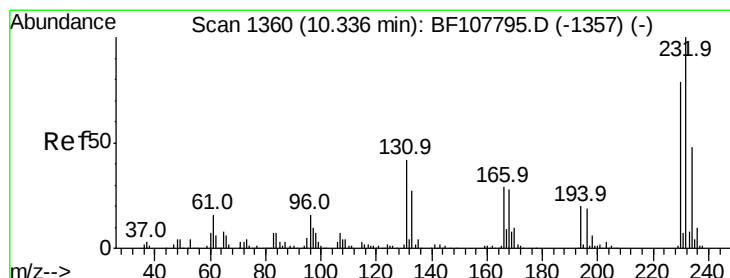
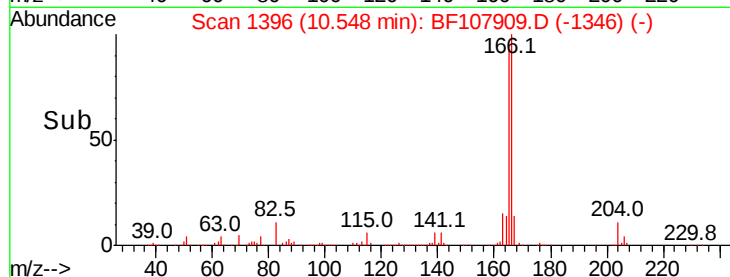
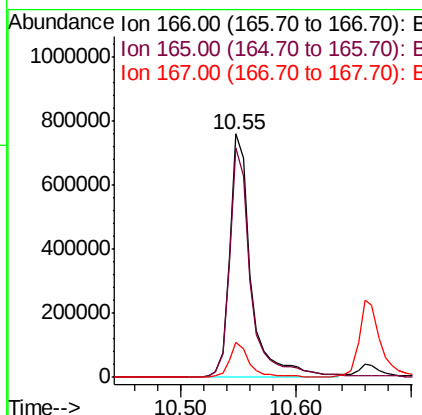
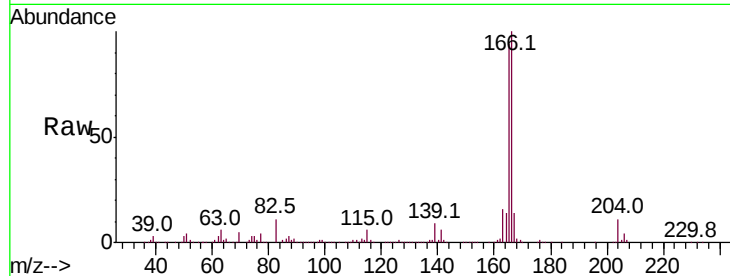
#57
 Fluorene
 Concen: 44.161 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	963811		
165	94.3	79.8	119.8	
167	14.3	10.6	16.0	

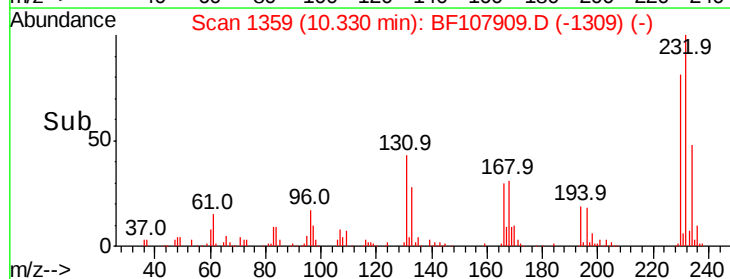
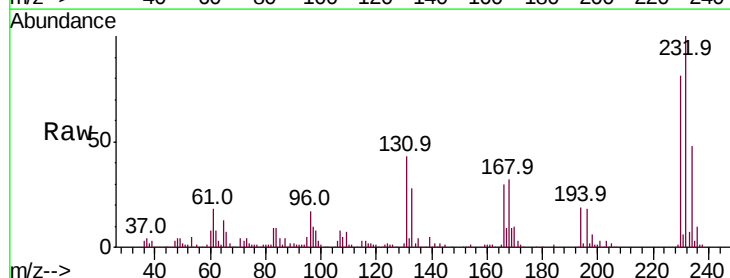
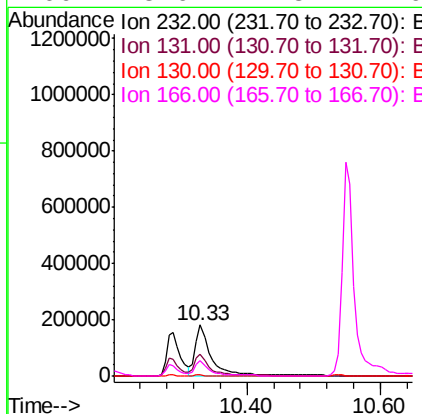
Manual Integrations
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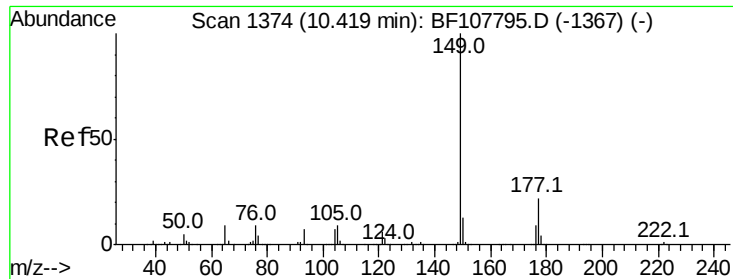
Sohil
 8/3/2018 12:53:11 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.198 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	295319		
131	35.4	43.8	65.8#	
130	1.9	2.1	3.1#	
166	28.6	27.8	41.6	





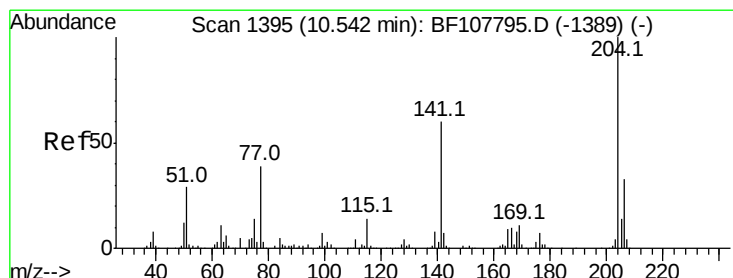
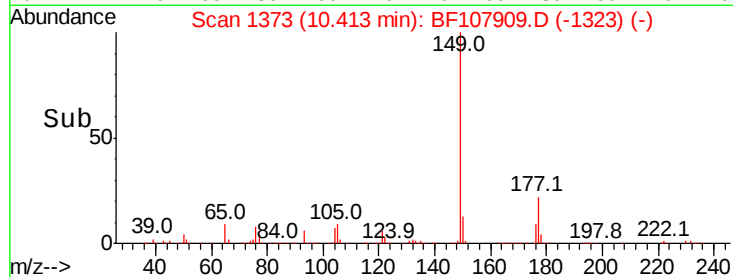
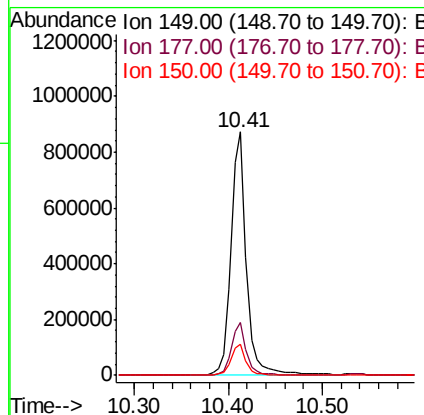
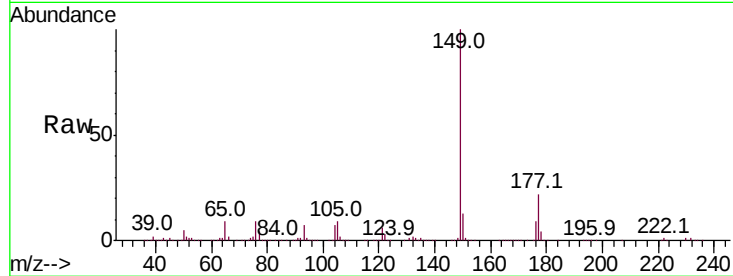
#59
 Diethylphthalate
 Concen: 42.005 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tot Ion:	149	Resp:	997107
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.1	24.1
150	13.0	10.1	15.1

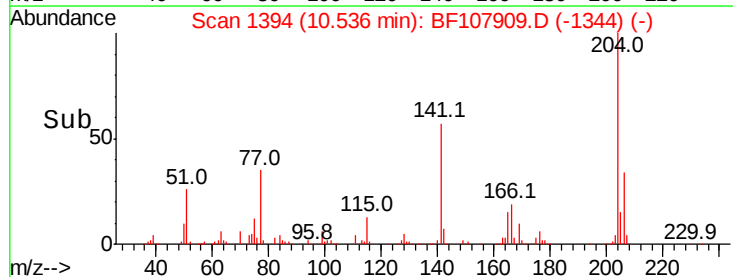
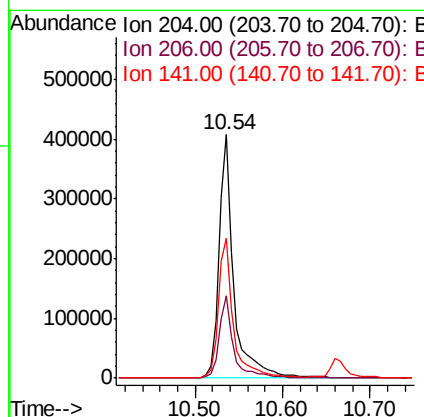
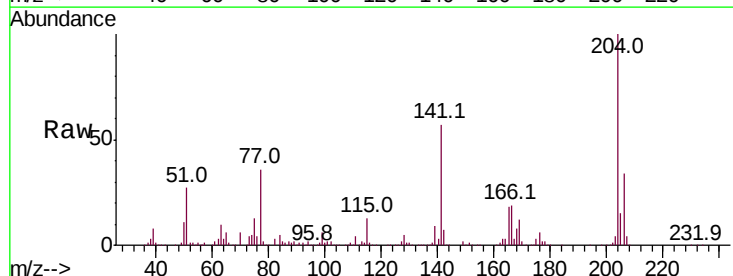
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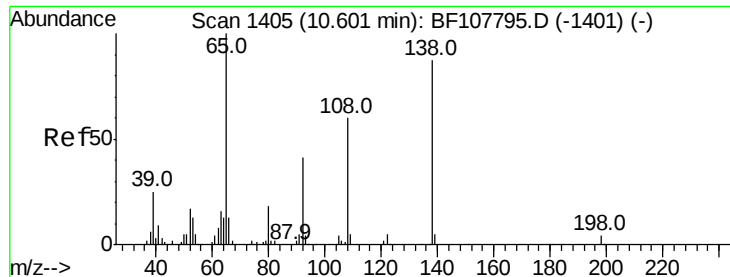
Sohil
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#60
 4-Chlorophenyl-phenylether
 Concen: 40.212 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:	204	Resp:	478089
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.5	39.7
141	57.4	54.6	81.8





#61

4-Nitroaniline

Concen: 43.080 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

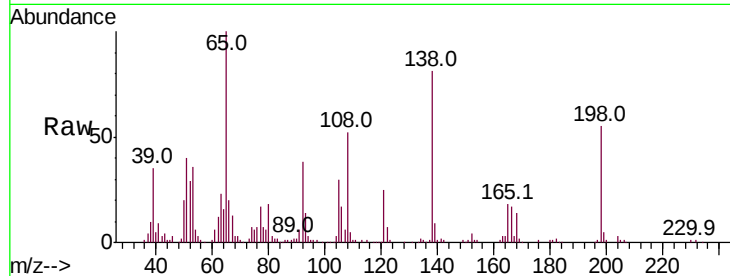
ClientSampled :

PB111688BS

Tot Ion:	138	Resp:	231144
Ion Ratio	Lower	Upper	
138	100		
92	46.9	30.2	70.2
108	64.1	52.5	92.5

Manual Integrations
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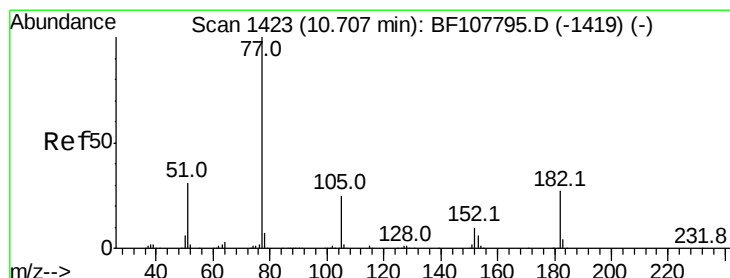
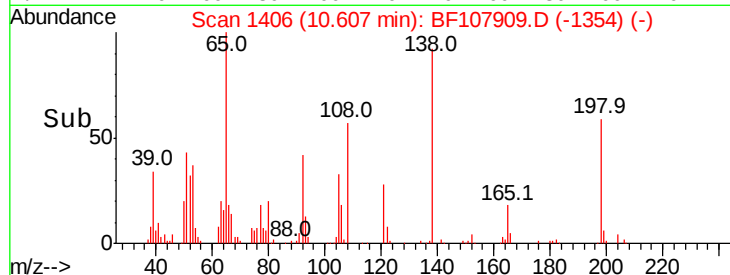
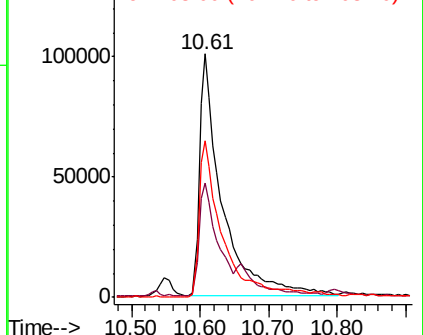
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.789 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

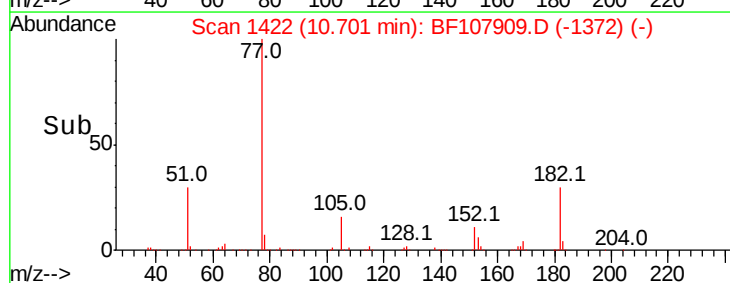
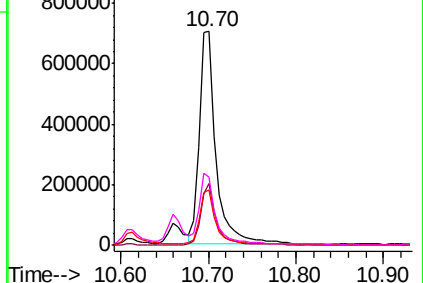
Tgt Ion:	77	Resp:	945990
Ion Ratio	Lower	Upper	
77	100		
182	28.5	1.7	41.7
105	25.8	3.0	43.0
51	31.7	9.9	49.9

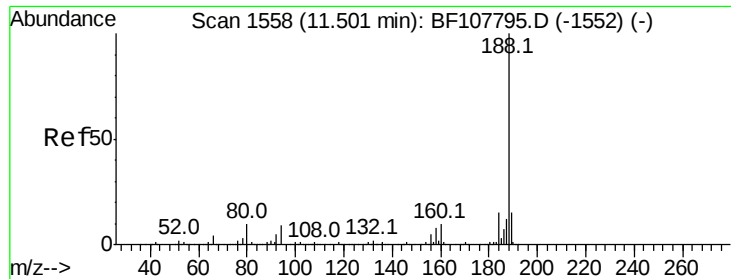
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





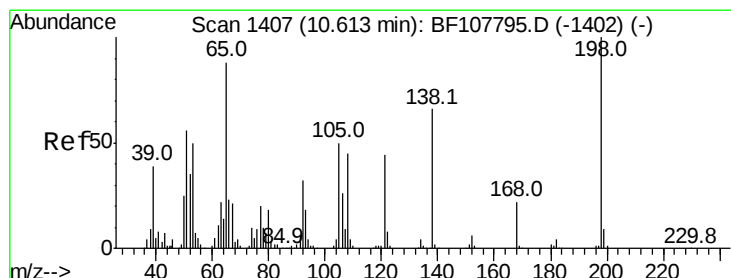
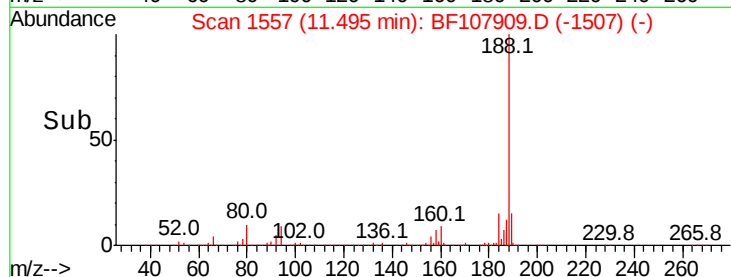
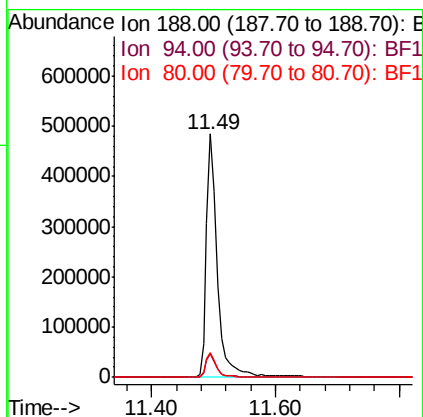
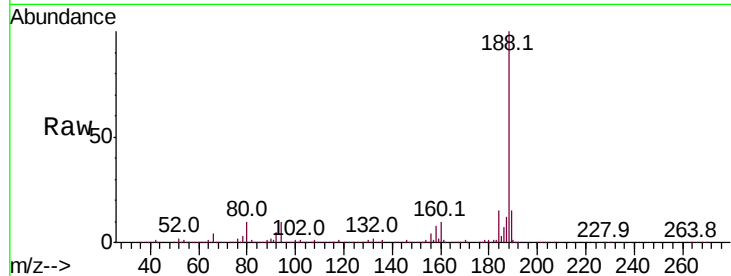
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	604286		
94	9.5		8.5	12.7
80	10.0		9.2	13.8

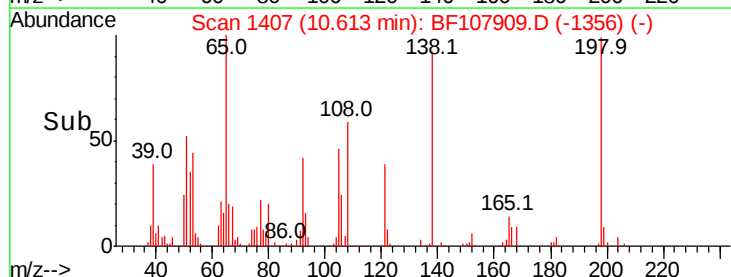
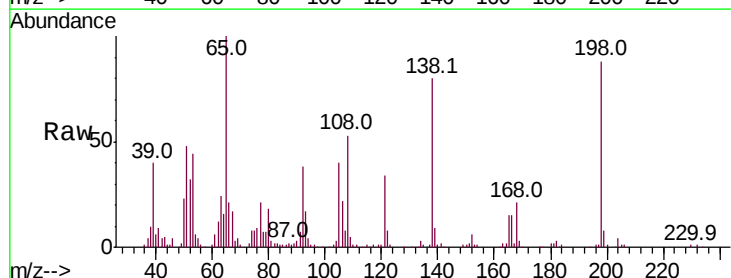
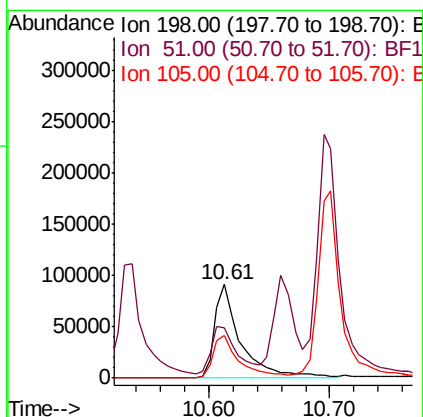
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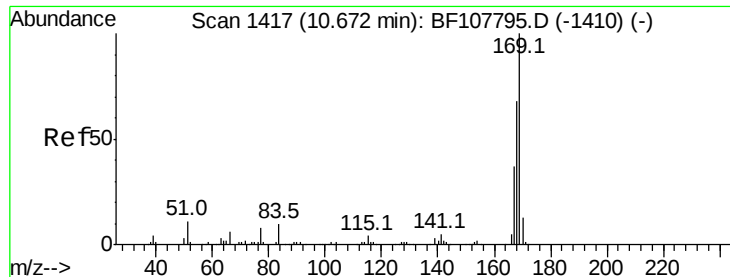
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.618 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	136817		
51	54.1		37.7	77.7
105	45.4		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 42.575 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tot Ion:169 Resp: 847135

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

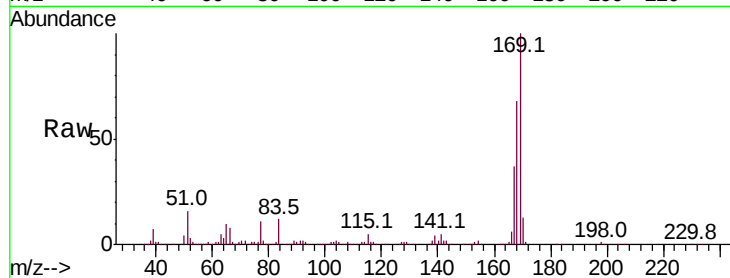
167 37.3 29.8 44.6

Manual Integrations

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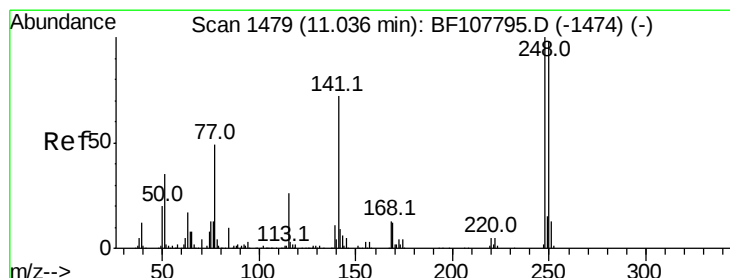
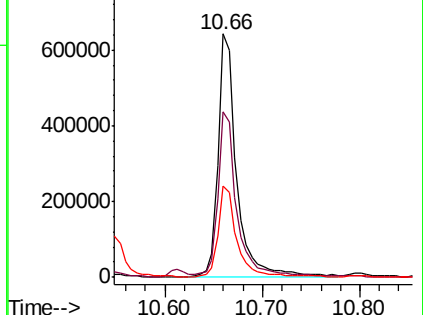
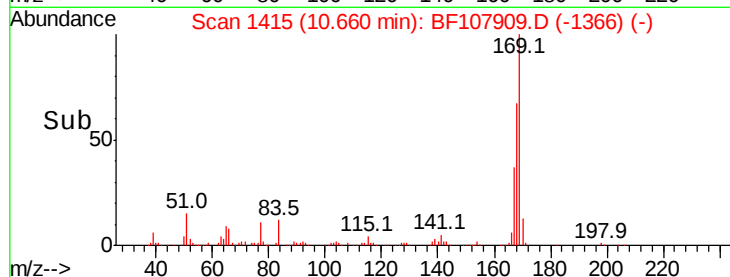
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.244 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

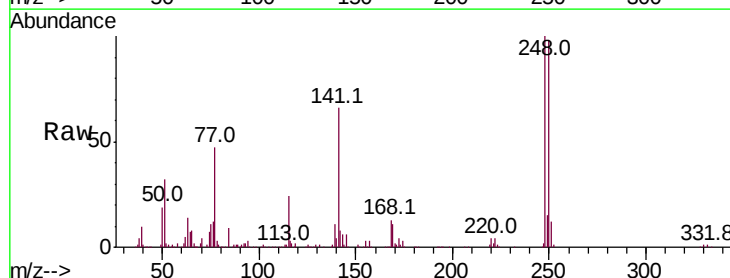
Tgt Ion:248 Resp: 311620

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

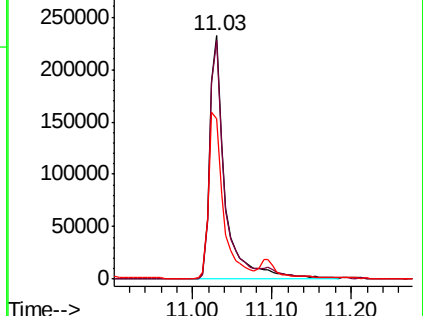
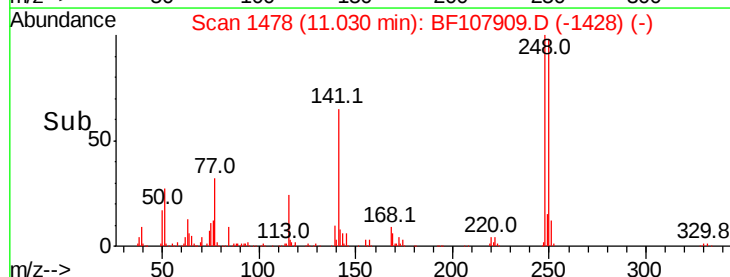
141 65.9 74.4 111.6#

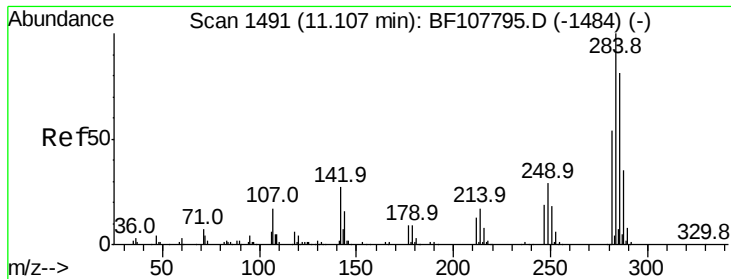


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.900 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

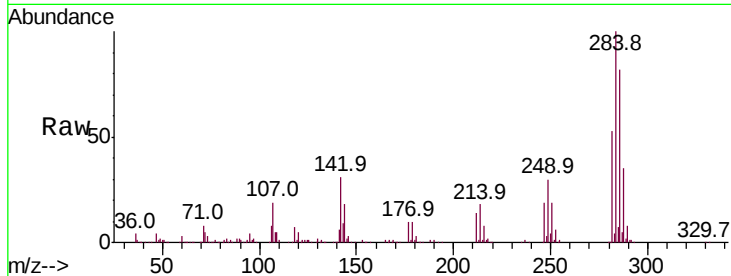
ClientSampleId :

PB111688BS

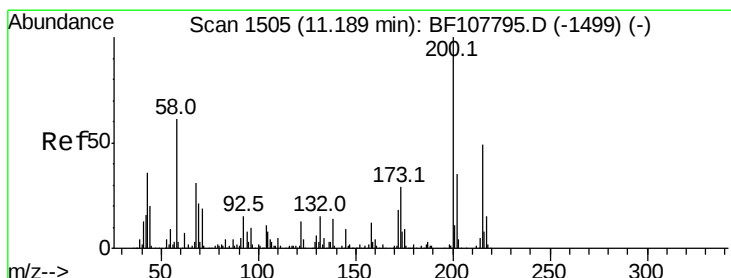
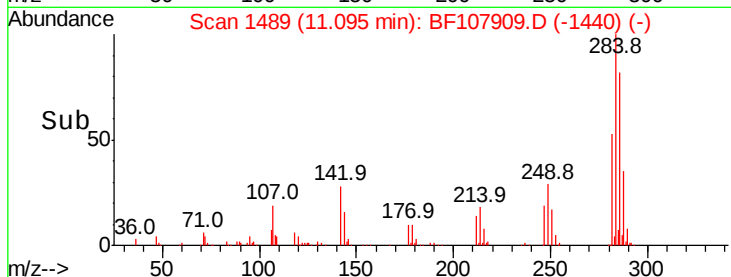
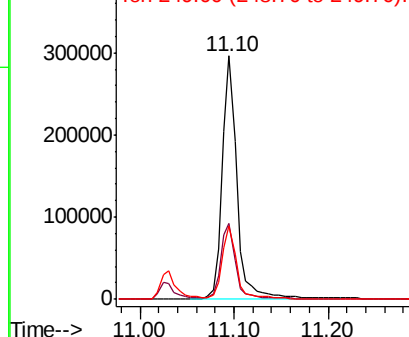
Tot Ion:	284	Resp:	327252
Ion Ratio	Lower	Upper	
284	100		
142	30.9	34.6	52.0#
249	29.9	24.8	37.2

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



#68

Atrazine

Concen: 43.408 ng

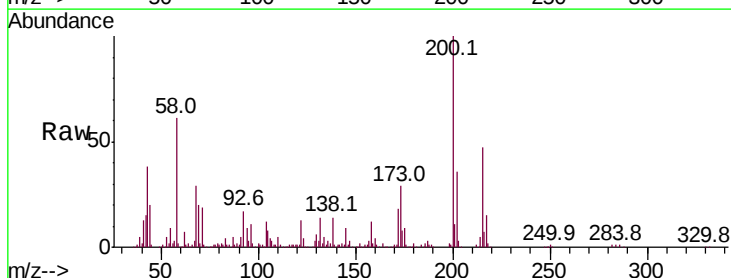
RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

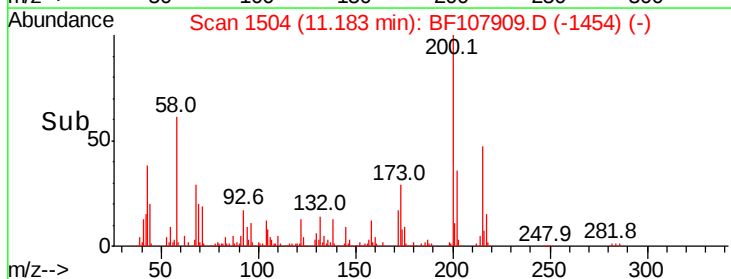
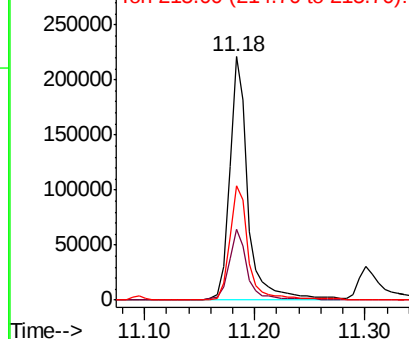
Lab File: BF107909.D

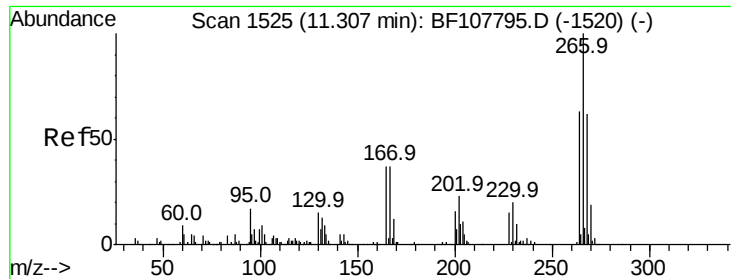
Acq: 2 Aug 2018 15:10

Tgt Ion:	200	Resp:	255628
Ion Ratio	Lower	Upper	
200	100		
173	28.9	8.6	48.6
215	47.0	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





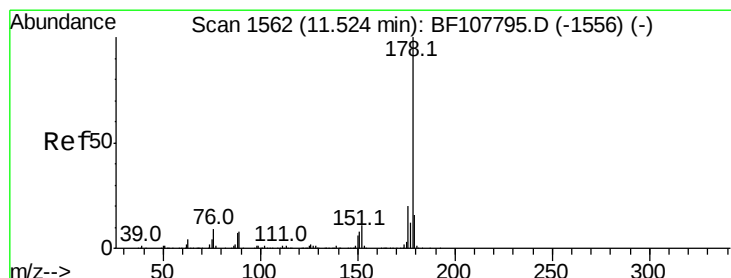
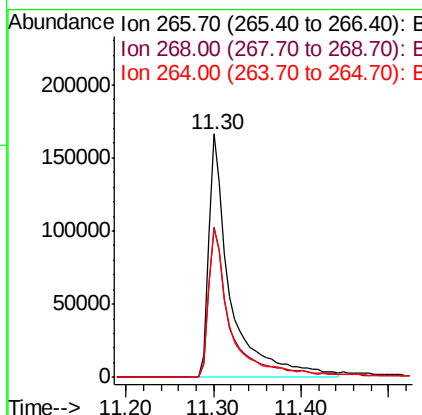
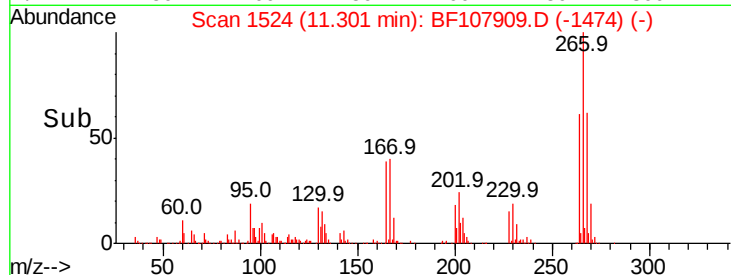
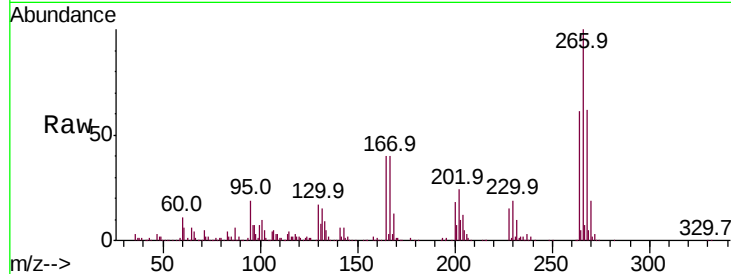
#69
 Pentachlorophenol
 Concen: 74.267 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	285542		
268	61.6	51.1	76.7	
264	61.4	49.5	74.3	

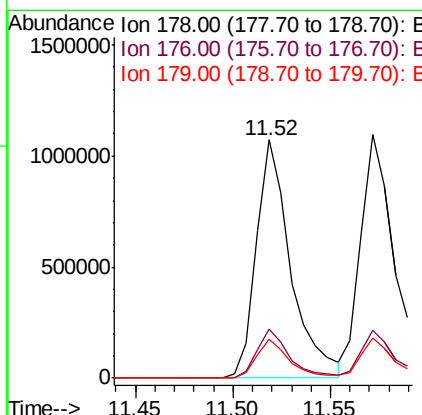
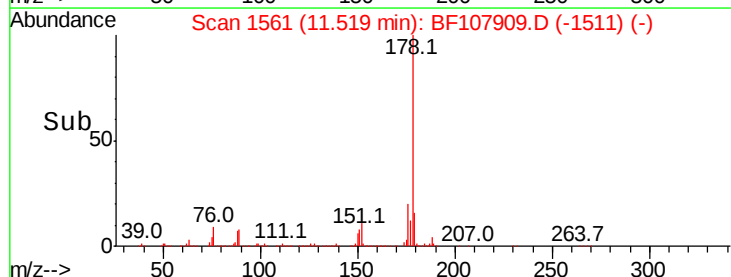
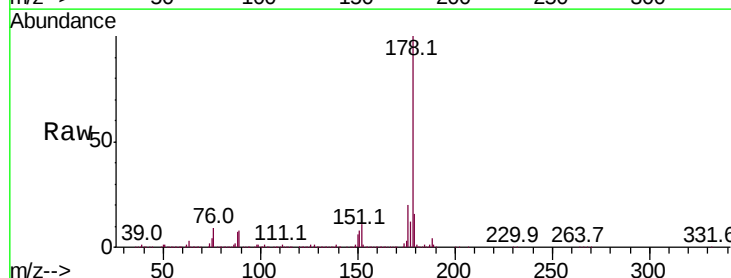
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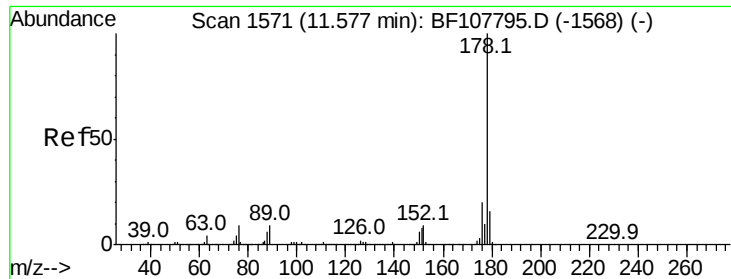
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#70
 Phenanthrene
 Concen: 45.804 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1314280		
176	20.4	15.8	23.8	
179	16.1	13.0	19.6	





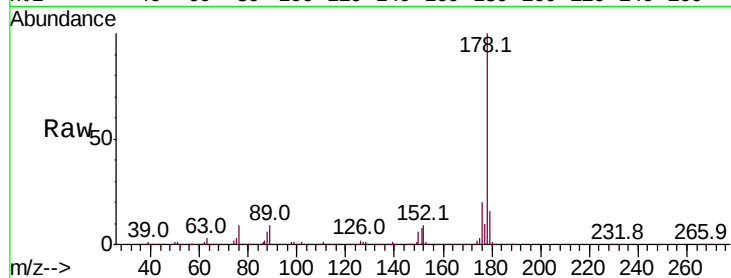
#71
 Anthracene
 Concen: 47.744 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampled :
 PB111688BS

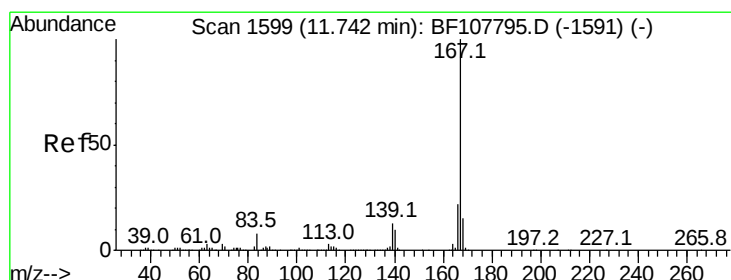
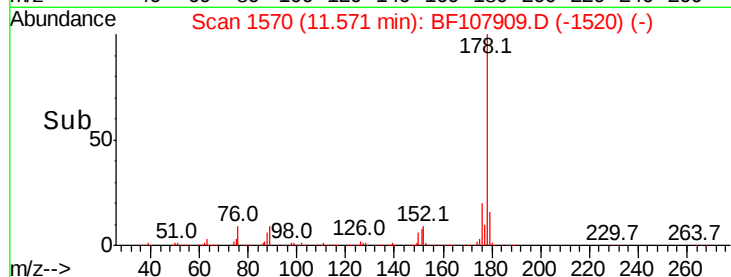
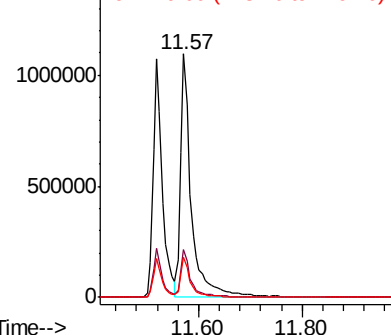
Tot Ion:178 Resp: 1580130
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.4 12.6 19.0

Manual Integrations
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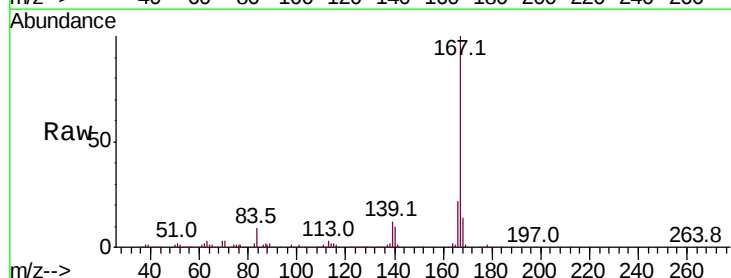


Abundance Ion 178.00 (177.70 to 178.70): E
 1500000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

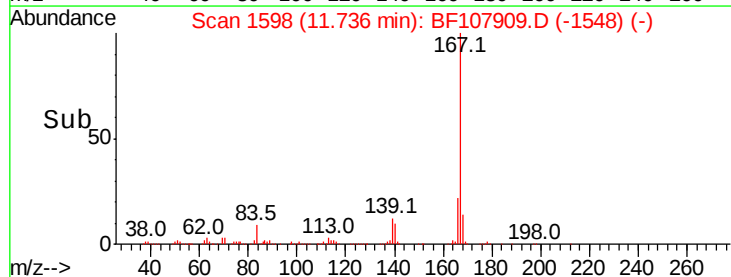
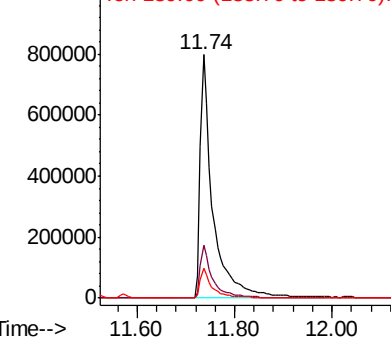


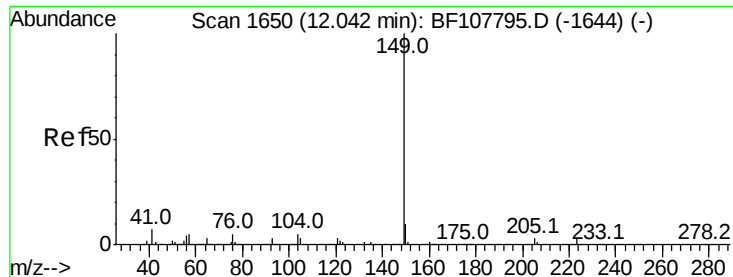
#72
 Carbazole
 Concen: 44.060 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:167 Resp: 1441031
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 1000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





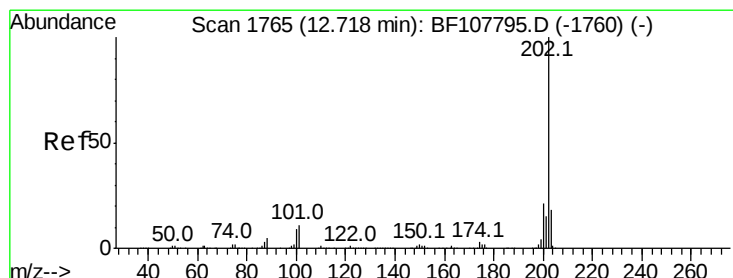
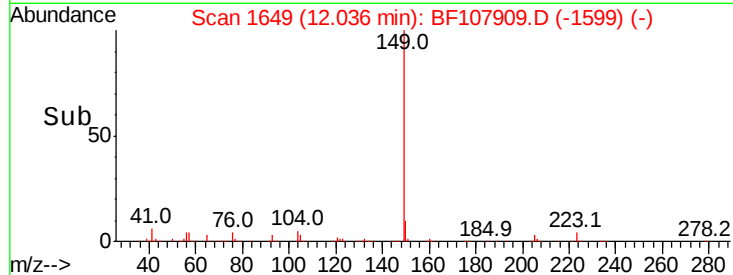
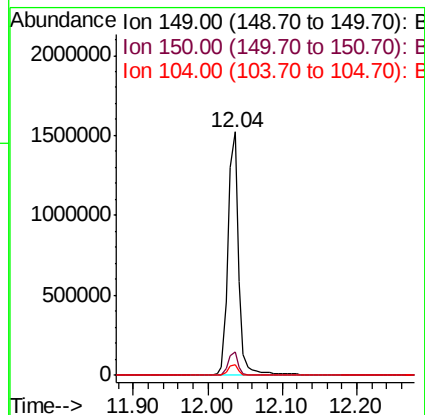
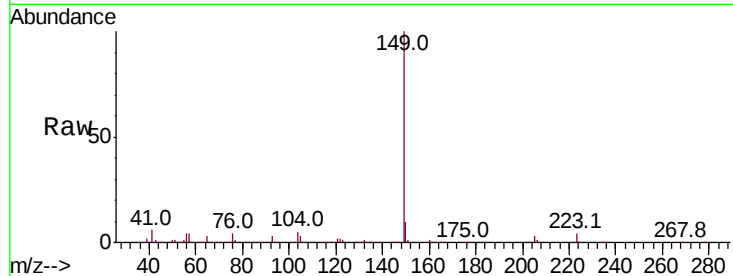
#73
Di-n-butylphthalate
Concen: 42.755 ng
RT: 12.04 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.6	3.8	5.8

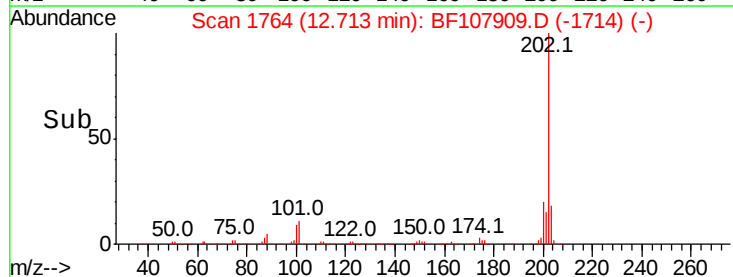
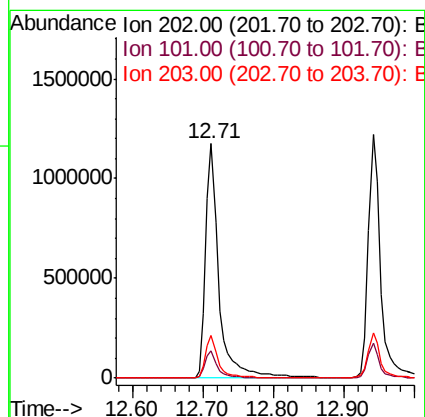
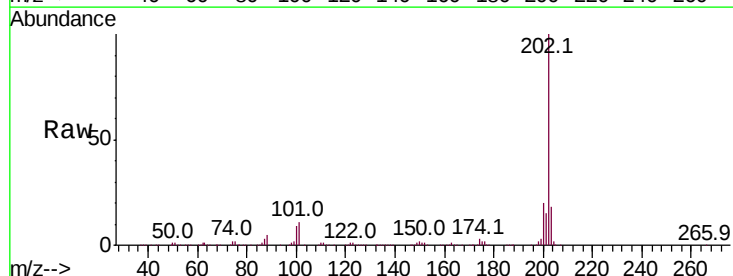
Manual Integrations
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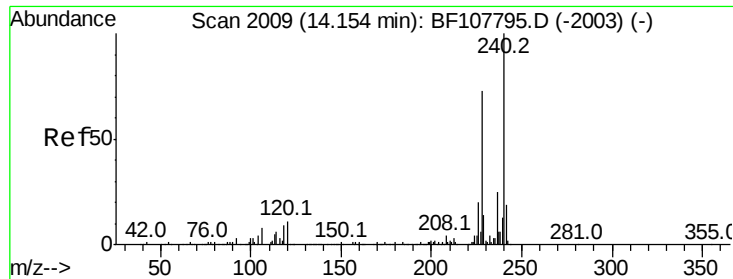
Sohil
8/3/2018 12:53:11 PM



#74
Fluoranthene
Concen: 45.910 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	18.0	0.0	38.1





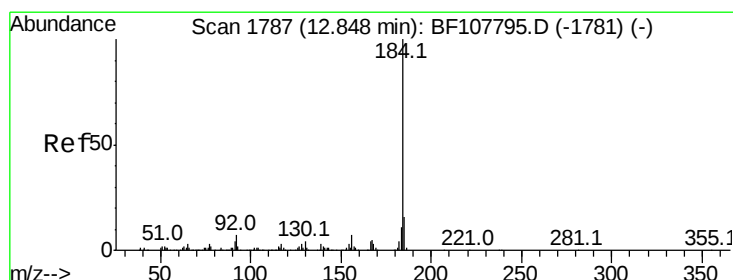
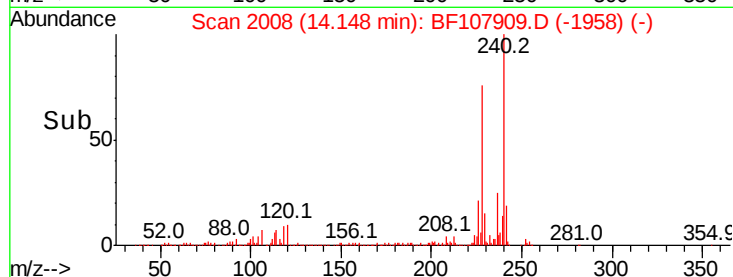
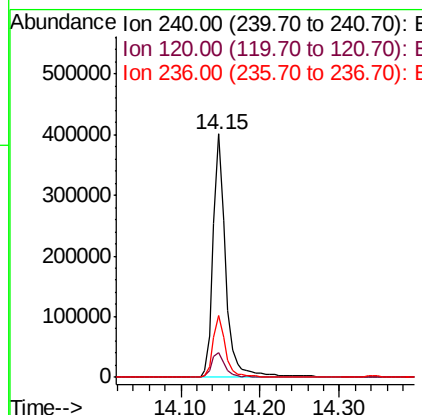
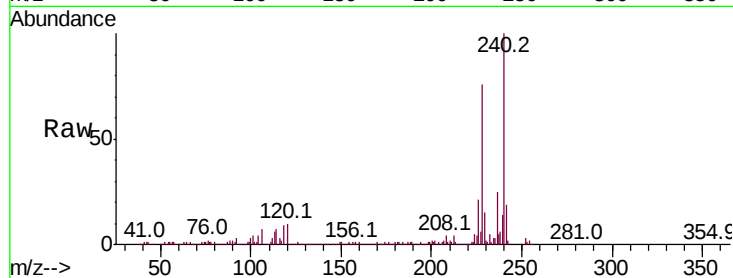
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.5	20.7	31.1

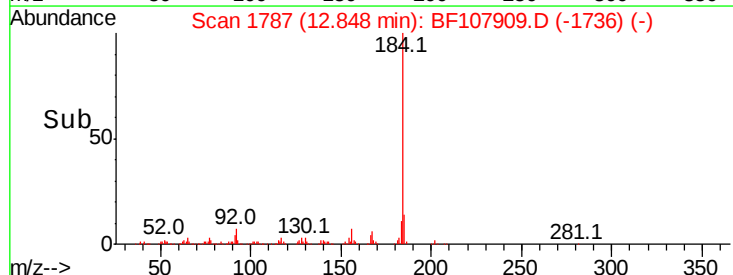
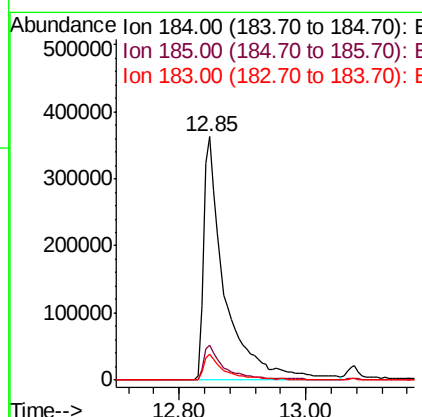
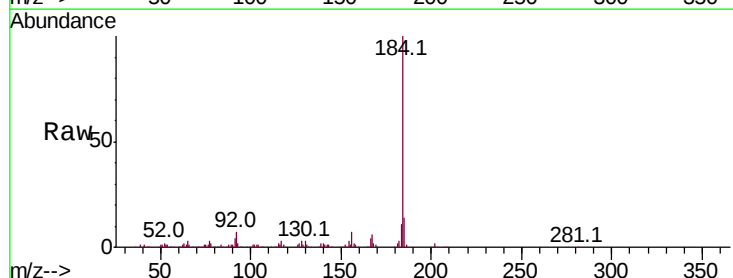
Manual Integrations
APPROVED

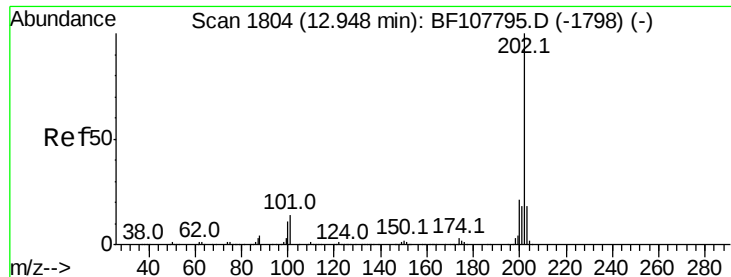
Sohil
8/3/2018 12:53:11 PM



#76
Benzidine
Concen: 58.477 ng
RT: 12.85 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	10.8	9.3	13.9





#77

Pvrene

Concen: 47.120 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tot Ion:202 Resp: 1510370

Ion Ratio Lower Upper

202 100

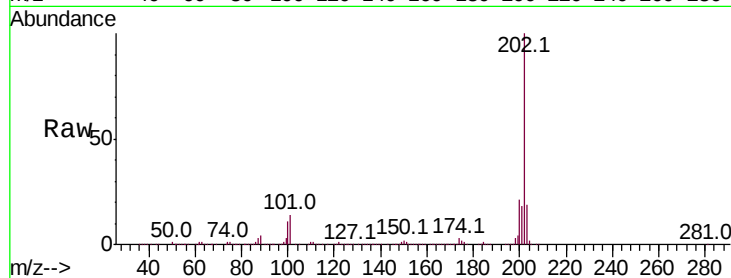
200 20.8 17.4 26.2

203 18.5 14.3 21.5

Manual Integrations
APPROVED

Sohil

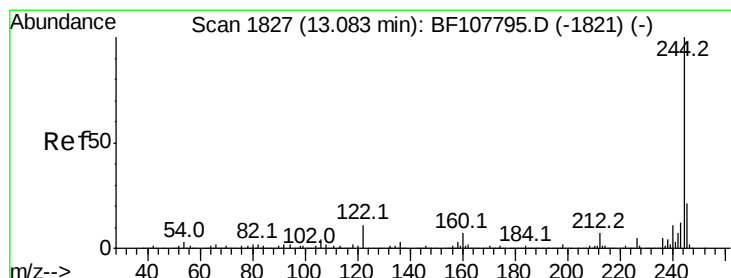
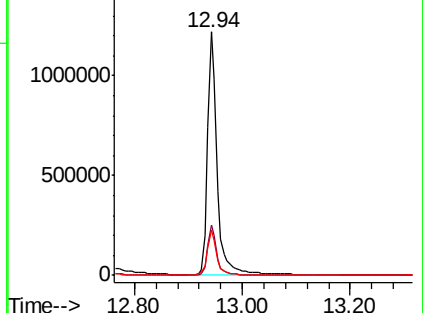
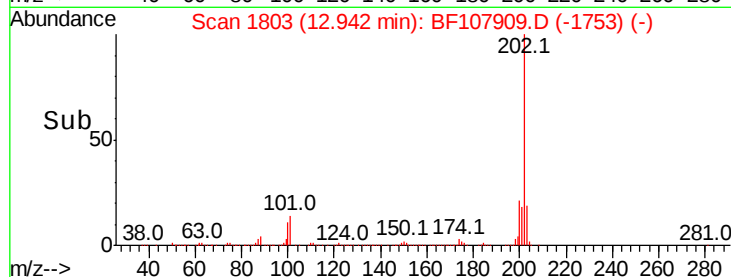
8/3/2018 12:53:11 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.579 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

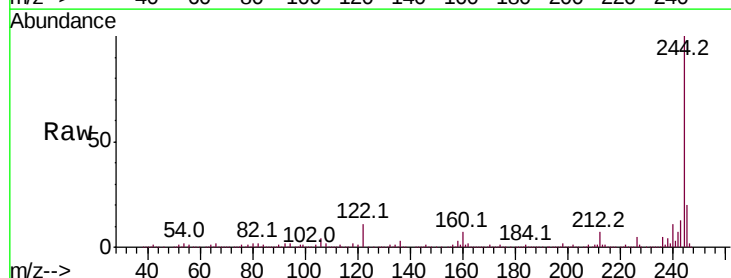
Tgt Ion:244 Resp: 1920999

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

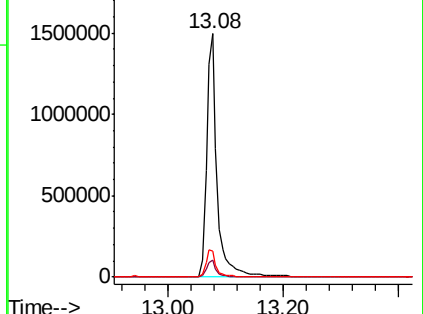
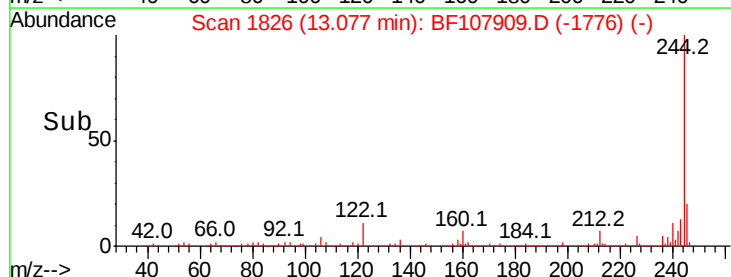
122 10.7 11.0 16.4#

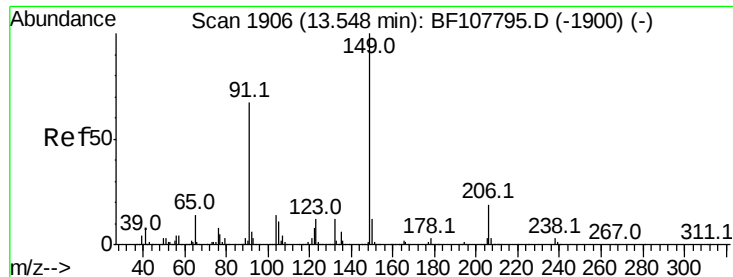


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





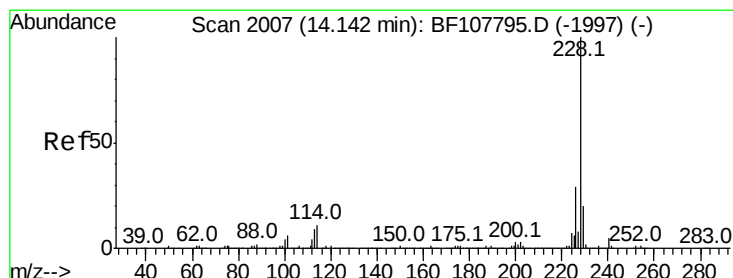
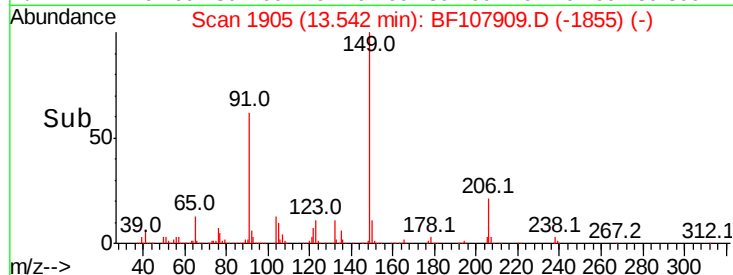
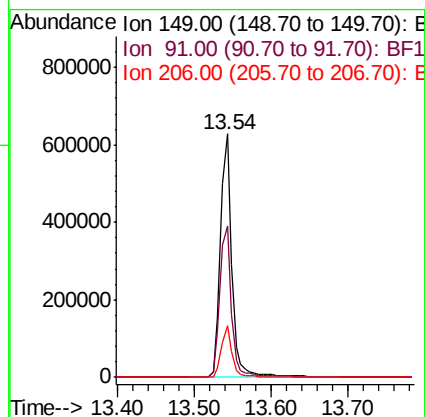
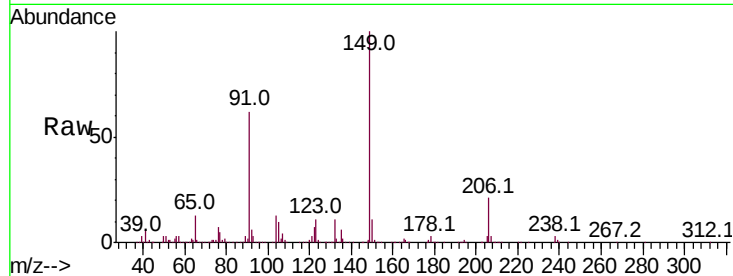
#79
Butylbenzylphthalate
Concen: 45.540 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.3	56.8	85.2
206	21.0	14.1	21.1

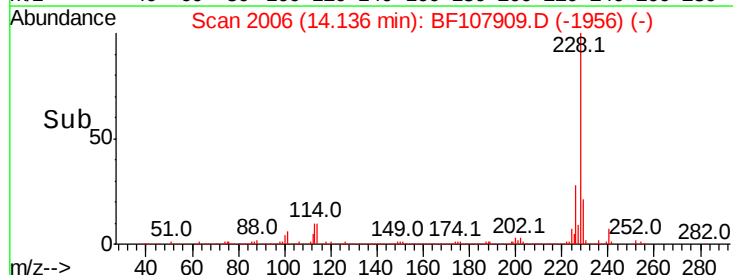
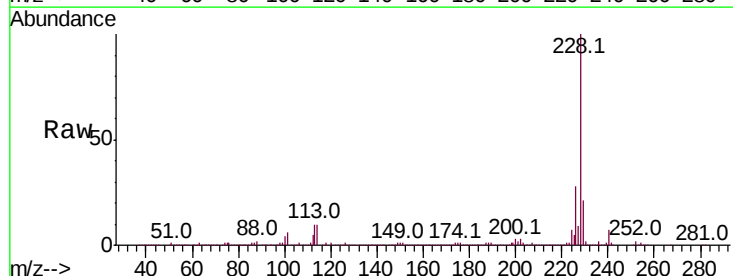
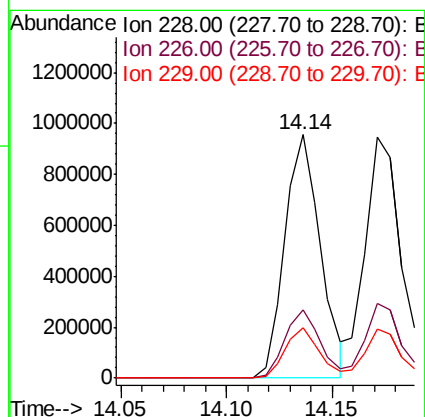
Manual Integrations
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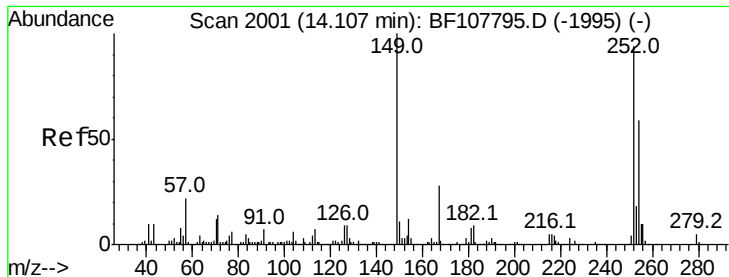
Sohil
8/3/2018 12:53:11 PM



#80
Benzo(a)anthracene
Concen: 44.559 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.5	15.8	23.6





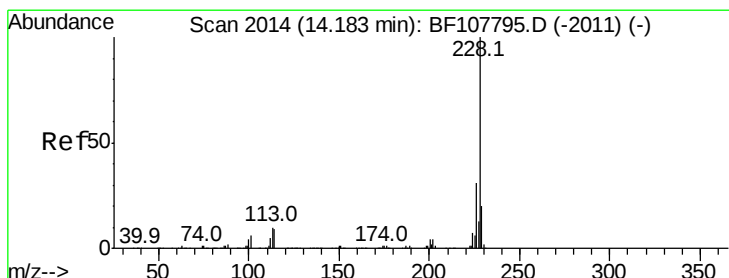
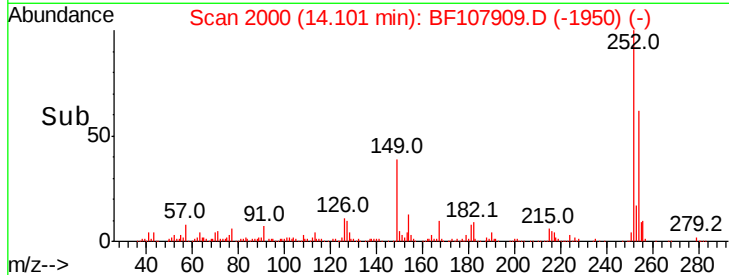
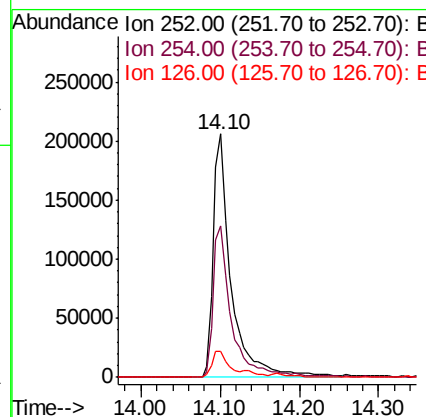
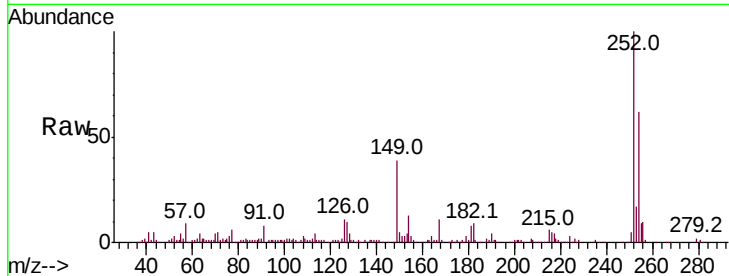
#81
 3,3'-Dichlorobenzidine
 Concen: 33.130 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampled :
 PB111688BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.4	75.6
126	10.7	11.3	16.9

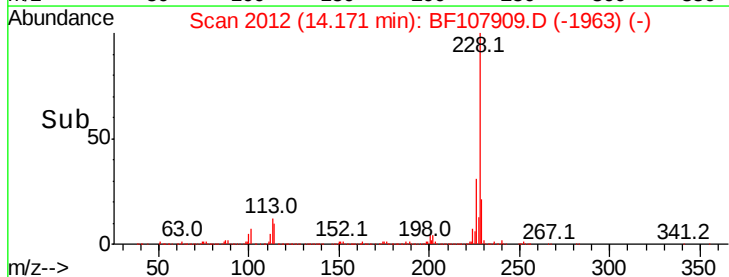
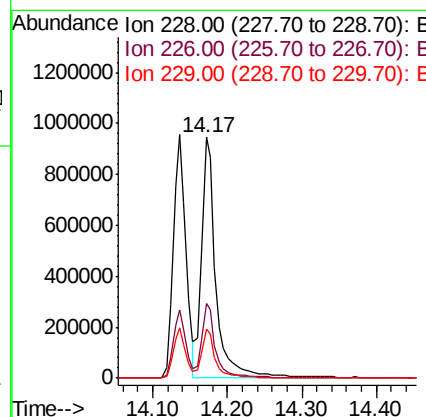
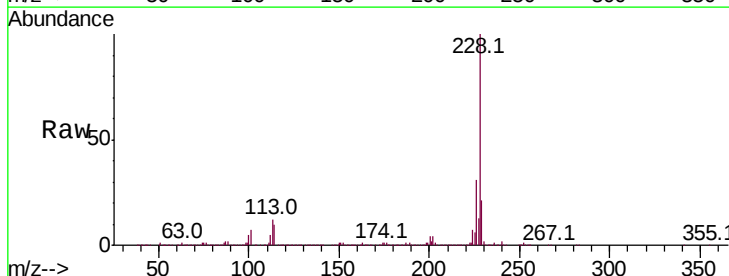
Manual Integrations
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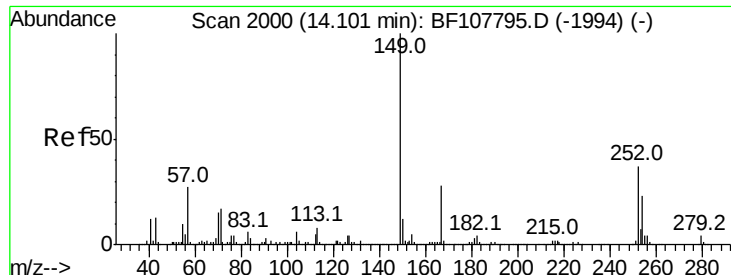
Sohil
 8/3/2018 12:53:11 PM



#82
 Chrysene
 Concen: 46.752 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.6	16.2	24.4





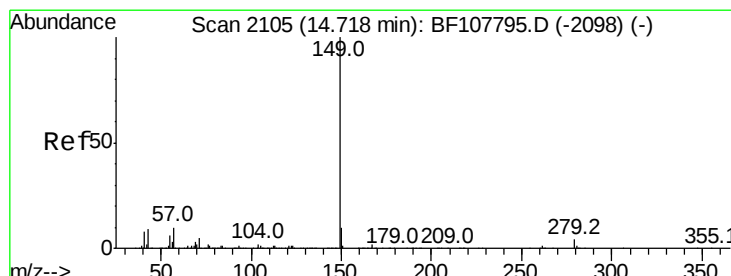
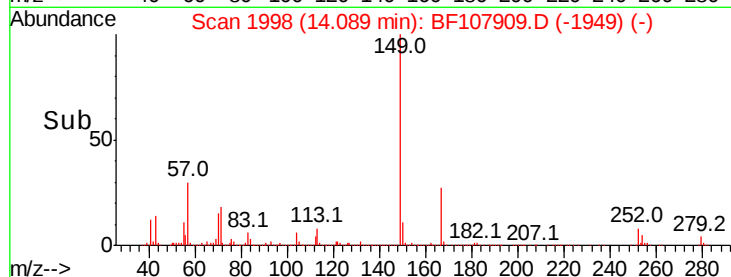
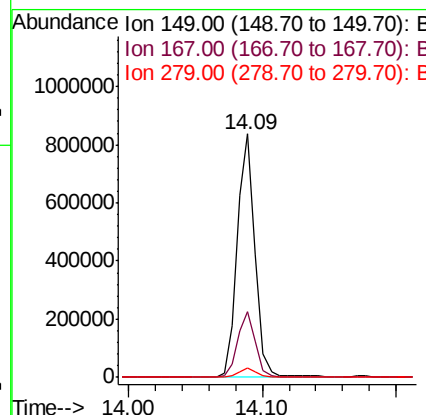
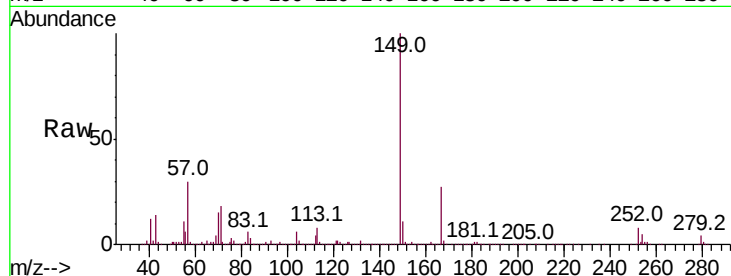
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.215 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.9	3.0	4.4

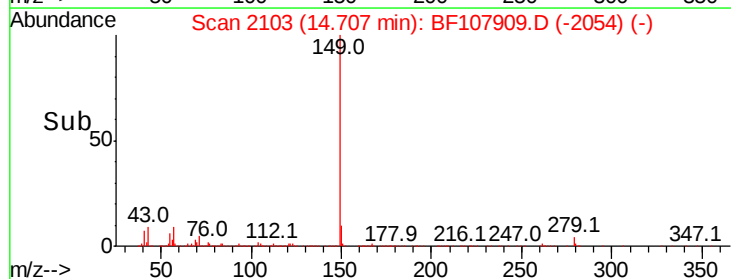
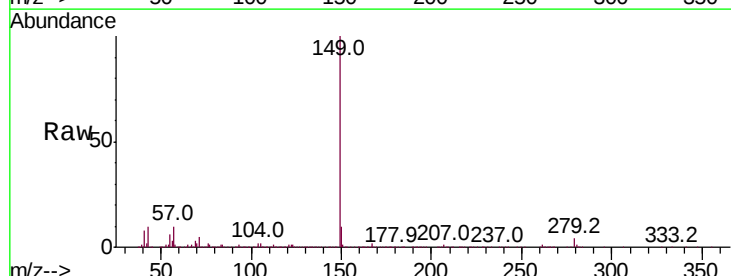
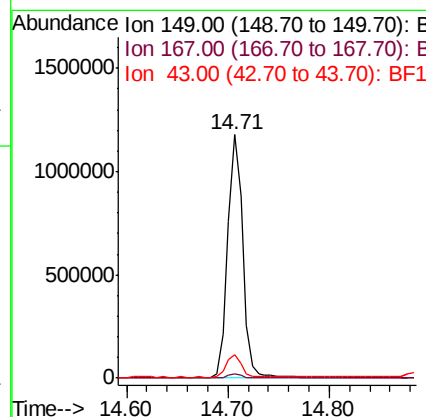
Manual Integrations
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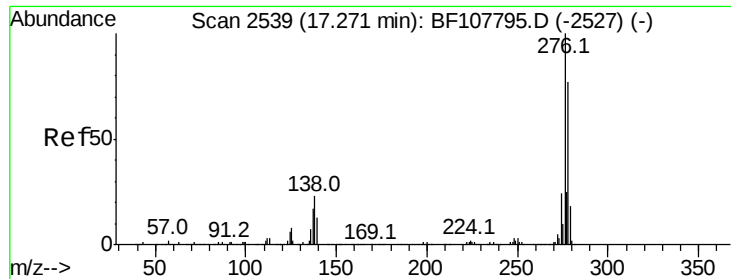
Sohil
 8/3/2018 12:53:11 PM



#84
 Di-n-octyl phthalate
 Concen: 43.098 ng
 RT: 14.71 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.017 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

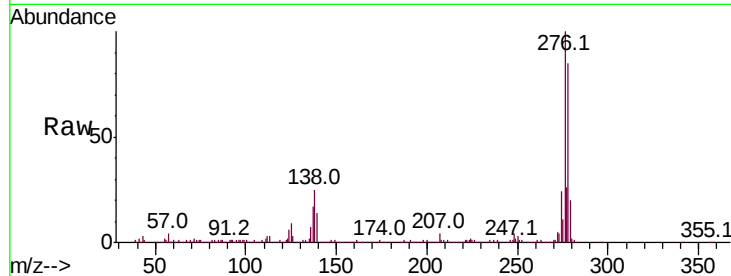
ClientSampleId :

PB111688BS

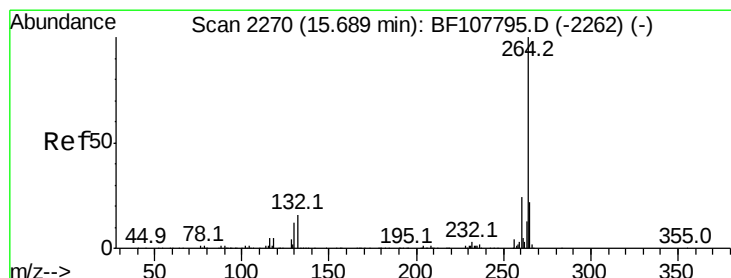
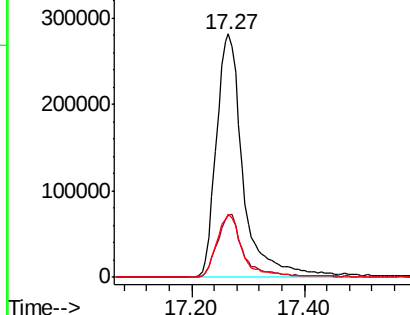
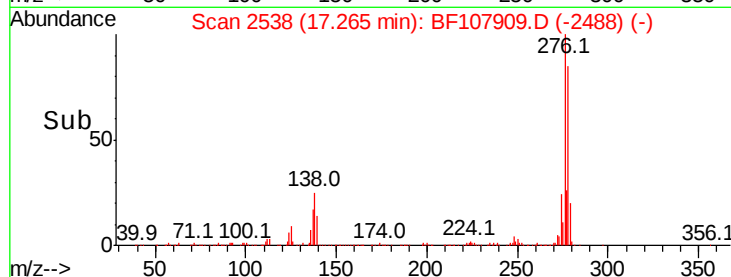
Tot Ion:	276	Resp:	931270
Ion Ratio	Lower	Upper	
276	100		
138	25.2	25.0	37.6
277	25.6	20.1	30.1

Manual Integrations
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8/3/2018 12:53:11 PM



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



#86

Perylene-d12

Concen: 20.000 ng

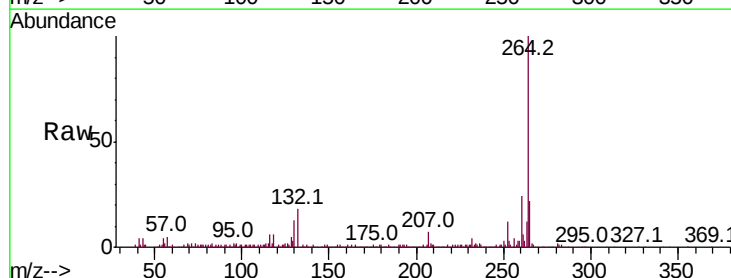
RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

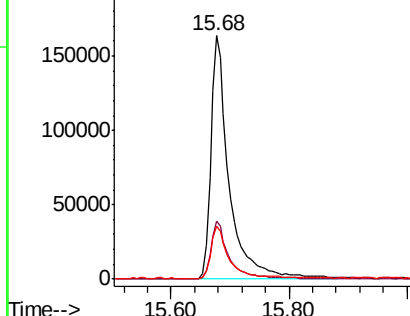
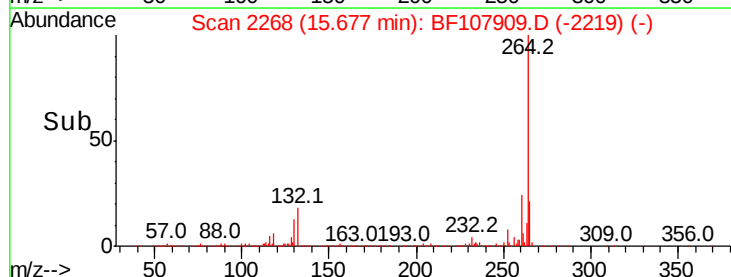
Lab File: BF107909.D

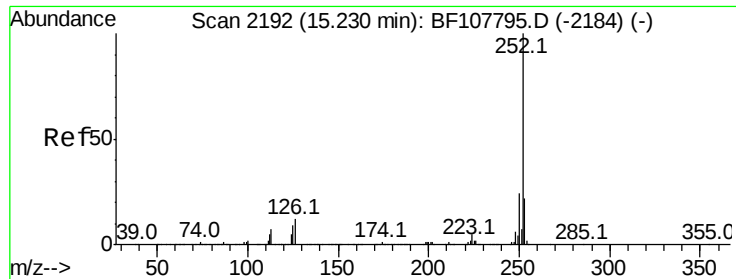
Acq: 2 Aug 2018 15:10

Tgt Ion:	264	Resp:	353278
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3



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





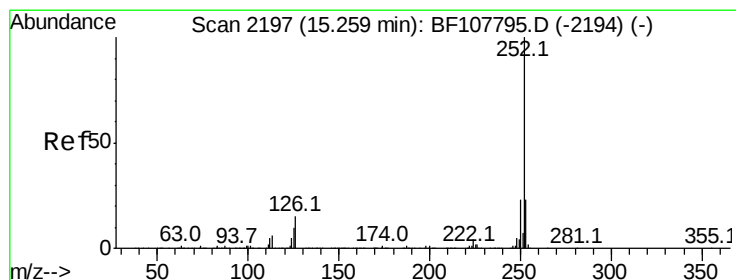
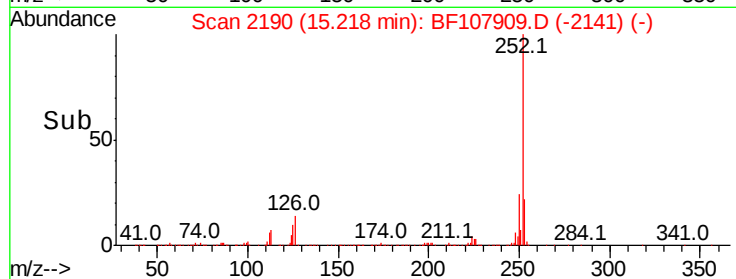
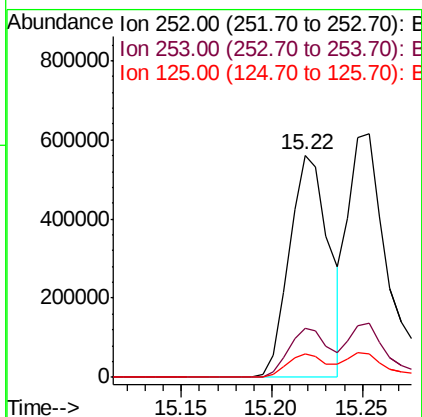
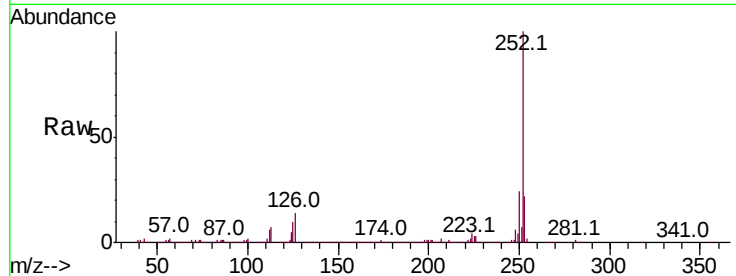
#87
Benzo(b)fluoranthene
Concen: 49.326 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.4	9.0	13.6

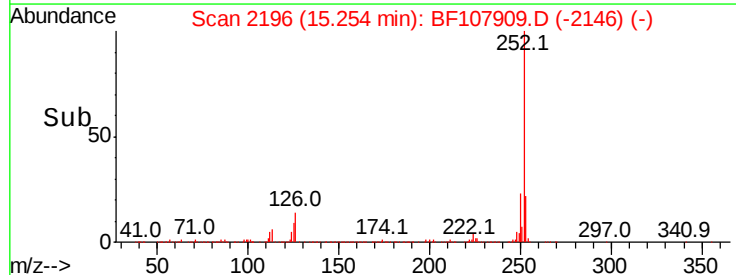
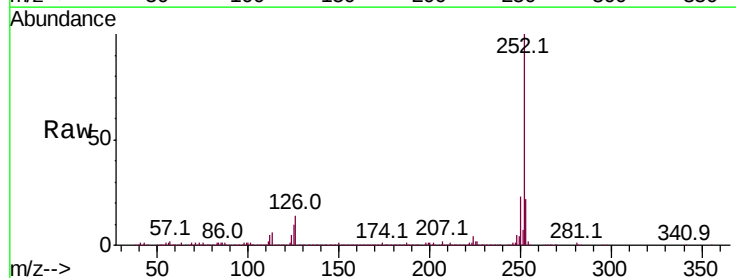
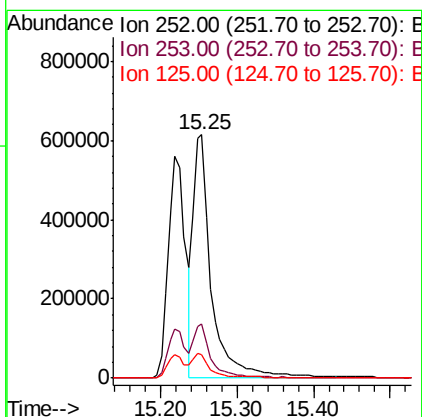
Manual Integrations
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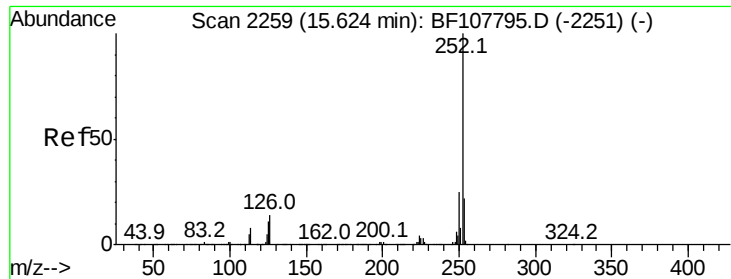
Sohil
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#88
Benzo(k)fluoranthene
Concen: 48.714 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.6	10.2	15.2#





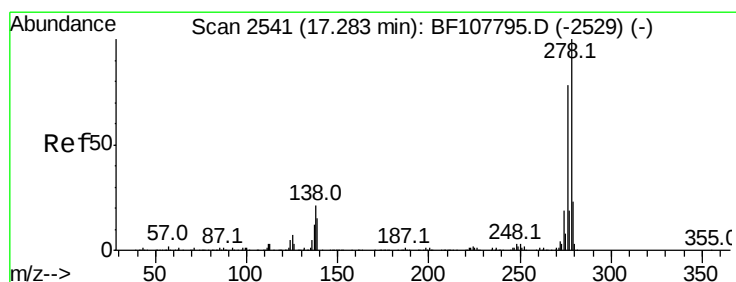
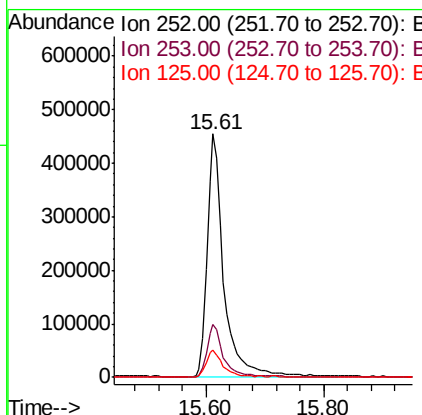
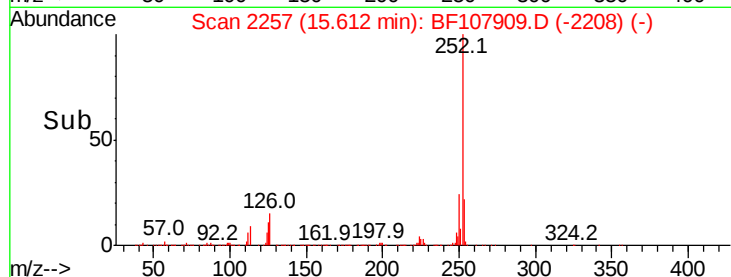
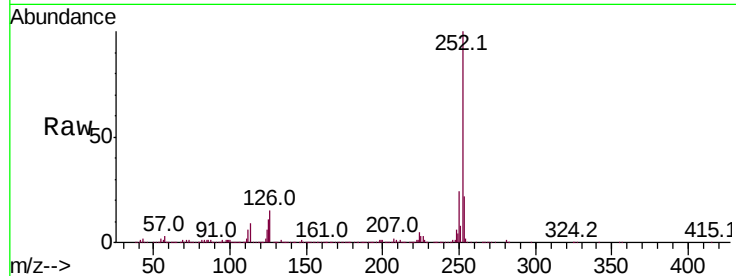
#89
Benzo(a)pyrene
Concen: 48.966 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.3	9.8	14.6

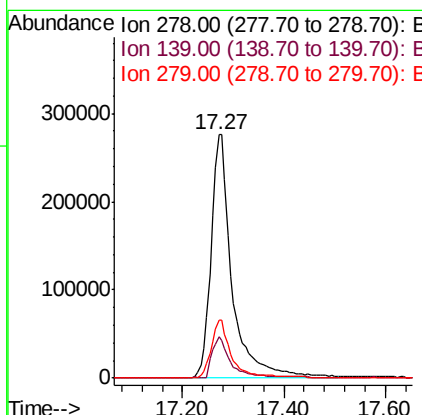
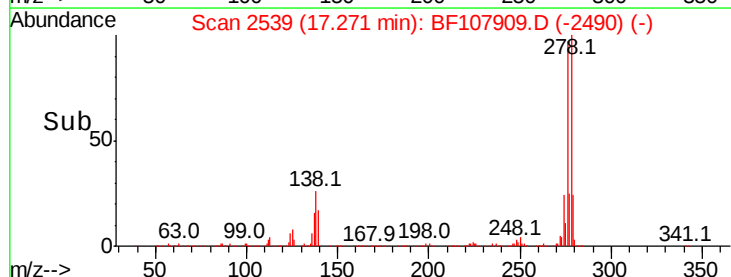
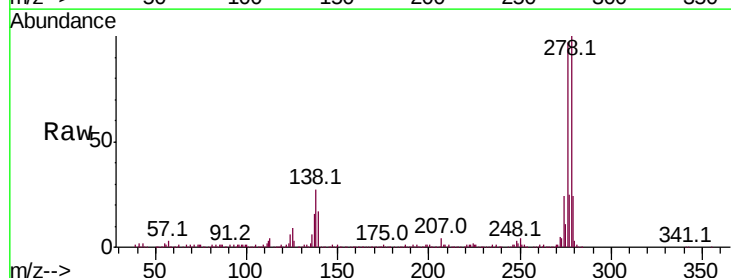
Manual Integrations
APPROVED

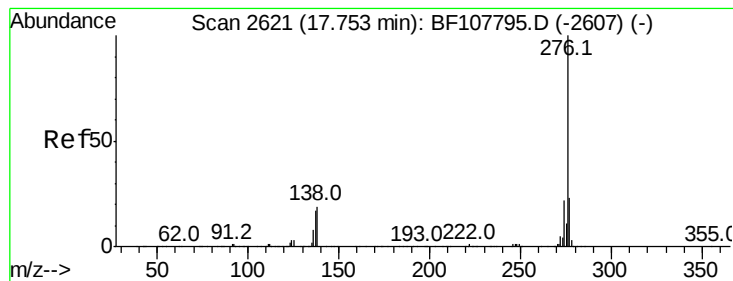
Sohil
8/3/2018 12:53:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.891 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 51.138 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	21.2	21.8	32.8

Manual Integrations
APPROVED

Sohil
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