

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107885.D
 Acq On : 1 Aug 2018 13:32
 Operator : JU/SJ
 Sample : PB111656BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Manual Integrations
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Sohil
 8/2/2018 9:16:57 AM

Quant Time: Aug 01 14:09:29 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	6.97	152	108539	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	470056	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	209126	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	407498	20.00	ng	0.00
75) Chrysene-d12	14.15	240	282044	20.00	ng	0.00
86) Perylene-d12	15.69	264	318592	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	837164	131.09	ng	0.01
7) Phenol-d6	6.61	99	997990	118.57	ng	0.00
23) Nitrobenzene-d5	7.53	82	668777	81.97	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	320826	112.90	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1308726	87.21	ng	0.00
78) Terphenyl-d14	13.08	244	1289539	99.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	134468	45.255	ng	89
3) Pyridine	3.67	79	290061	39.904	ng	87
4) n-Nitrosodimethylamine	3.64	42	88230	27.152	ng	99
6) Aniline	6.64	93	331390	37.853	ng	# 73
8) 2-Chlorophenol	6.75	128	343253	42.789	ng	96
9) Benzaldehyde	6.52	77	120308	23.691	ng	94
10) Phenol	6.62	94	374840	37.345	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	283705	31.787	ng	96
12) 1,3-Dichlorobenzene	6.90	146	366707	43.584	ng	98
13) 1,4-Dichlorobenzene	6.98	146	406465	43.398	ng	99
14) 1,2-Dichlorobenzene	7.13	146	346839	39.893	ng	99
15) Benzyl Alcohol	7.11	79	232103	44.367	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	550945	42.934	ng	62
17) 2-Methylphenol	7.22	107	272241	45.972	ng	# 84
18) Hexachloroethane	7.47	117	143204	42.538	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	231781	43.411	ng	97
20) 3+4-Methylphenols	7.38	107	326979	44.973	ng	# 66
22) Acetophenone	7.37	105	499022	44.126	ng	# 93
24) Nitrobenzene	7.55	77	334038	39.043	ng	100
25) Isophorone	7.78	82	633083	47.269	ng	99
26) 2-Nitrophenol	7.87	139	188587	43.921	ng	96
27) 2,4-Dimethylphenol	7.90	122	302667	52.650	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	406641	46.071	ng	98
29) 2,4-Dichlorophenol	8.11	162	283629	43.619	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	315392	42.517	ng	97
31) Naphthalene	8.27	128	1039234	47.562	ng	99
32) Benzoic acid	8.02	122	94124	24.945	ng	92
33) 4-Chloroaniline	8.32	127	305174	32.698	ng	99
34) Hexachlorobutadiene	8.37	225	187437	40.889	ng	99
35) Caprolactam	8.69	113	81261	41.513	ng	# 86
36) 4-Chloro-3-methylphenol	8.81	107	302056	42.772	ng	98
37) 2-Methylnaphthalene	8.95	142	682636	49.736	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	325840	45.699	ng	98
40) Hexachlorocyclopentadiene	9.10	237	253677	82.405	ng	99

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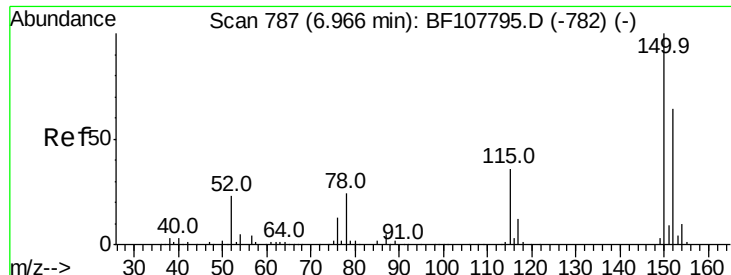
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	178781	45.355	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	204058	43.001	nq	96
45) 1,1'-Biphenyl	9.42	154	861415	45.262	nq	98
46) 2-Chloronaphthalene	9.45	162	638726	44.505	nq	98
47) 2-Nitroaniline	9.56	65	201423	43.147	nq	92
48) Acenaphthylene	9.87	152	1029061	46.251	nq	100
49) Dimethylphthalate	9.71	163	672745	42.835	nq	99
50) 2,6-Dinitrotoluene	9.79	165	149846	43.903	nq	91
51) Acenaphthene	10.04	154	556473	43.055	nq	99
52) 3-Nitroaniline	9.98	138	116874	27.174	nq	93
53) 2,4-Dinitrophenol	10.08	184	124258	70.229	nq #	29
54) Dibenzofuran	10.21	168	867267	43.414	nq	100
55) 4-Nitrophenol	10.15	139	115923	59.915	nq	89
56) 2,4-Dinitrotoluene	10.20	165	187961	41.899	nq #	93
57) Fluorene	10.55	166	691447	44.537	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	185000	42.445	nq #	80
59) Diethylphthalate	10.41	149	692349	41.001	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	341326	40.358	nq	90
61) 4-Nitroaniline	10.60	138	152927	40.067	nq	90
62) Azobenzene	10.70	77	656658	41.754	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	88201	39.786	nq	89
65) n-Nitrosodiphenylamine	10.67	169	598058	44.572	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	197932	41.673	nq #	85
67) Hexachlorobenzene	11.10	284	221737	42.100	nq #	91
68) Atrazine	11.18	200	173961	43.805	nq	97
69) Pentachlorophenol	11.31	266	165307	63.758	nq	99
70) Phenanthrene	11.52	178	909800	47.020	nq	99
71) Anthracene	11.58	178	1047713	46.945	nq	99
72) Carbazole	11.74	167	913800	41.432	nq	99
73) Di-n-butylphthalate	12.04	149	1050523	43.660	nq	99
74) Fluoranthene	12.72	202	994329	43.742	nq	97
76) Benzidine	12.85	184	432611	47.440	nq	98
77) Pyrene	12.95	202	964386	47.484	nq	98
79) Butylbenzylphthalate	13.55	149	394338	44.339	nq	91
80) Benzo(a)anthracene	14.14	228	727044	45.506	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	208580	33.678	nq	94
82) Chrysene	14.18	228	822000	47.700	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	500802	44.792	nq	99
84) Di-n-octyl phthalate	14.72	149	843378	46.995	nq #	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	971149	74.091	nq	94
87) Benzo(b)fluoranthene	15.23	252	668163	42.523	nq	98
88) Benzo(k)fluoranthene	15.26	252	819158m	42.462	nq	
89) Benzo(a)pyrene	15.62	252	754557	46.517	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	811297	57.337	nq	96
91) Benzo(g,h,i)perylene	17.76	276	826611	60.376	nq	94

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



#1

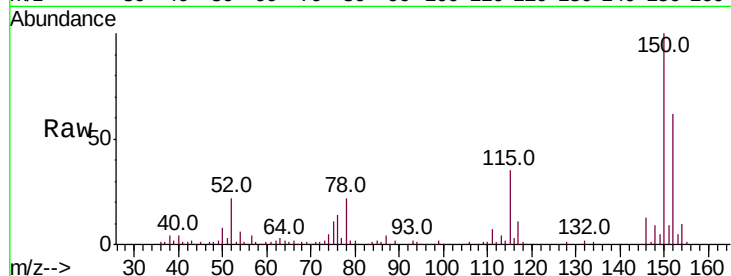
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	56.6	50.1	75.1

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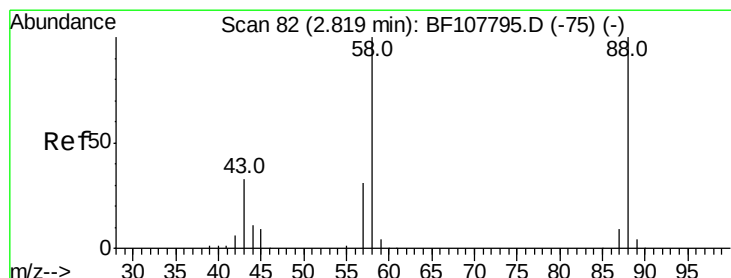
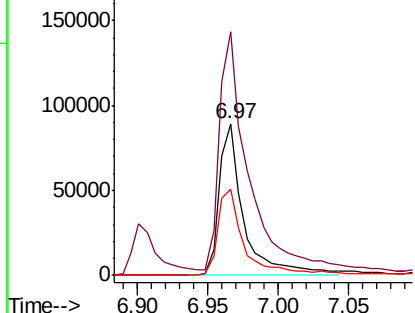
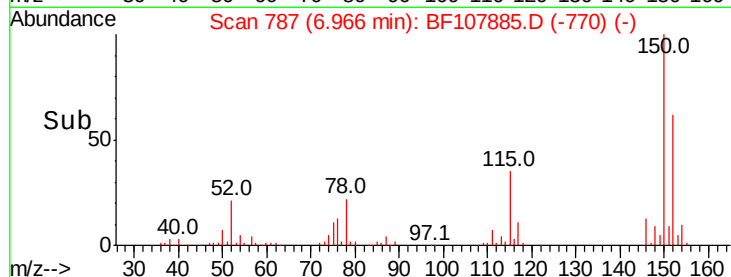


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

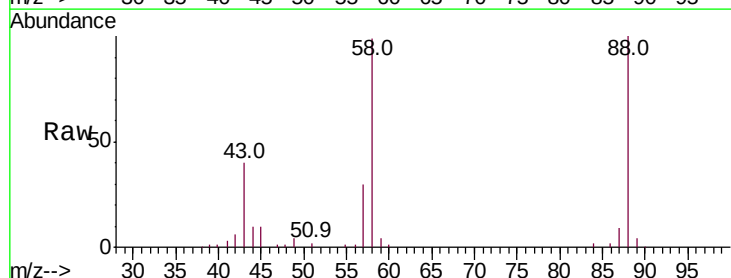
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.255 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.8	62.6	93.8
43	30.5	24.6	37.0

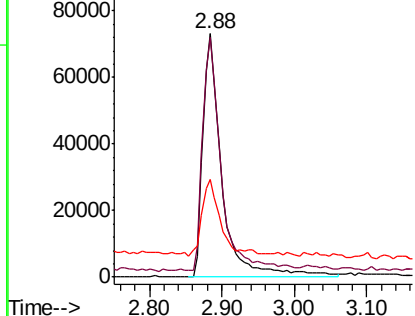
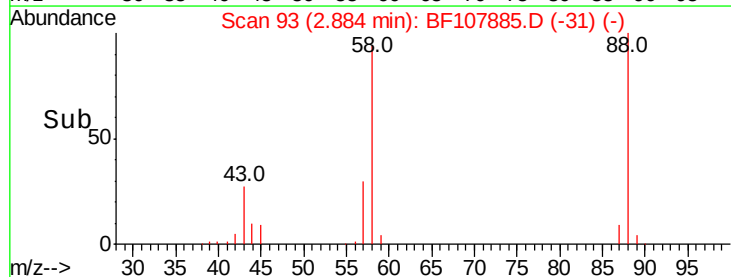


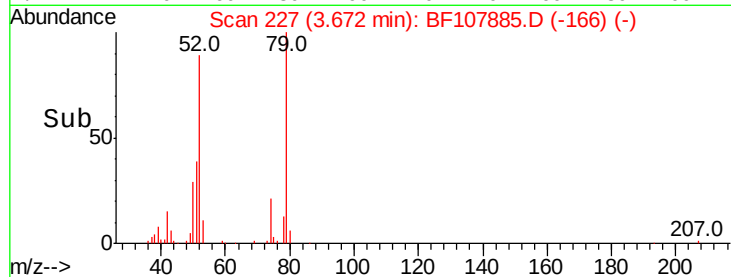
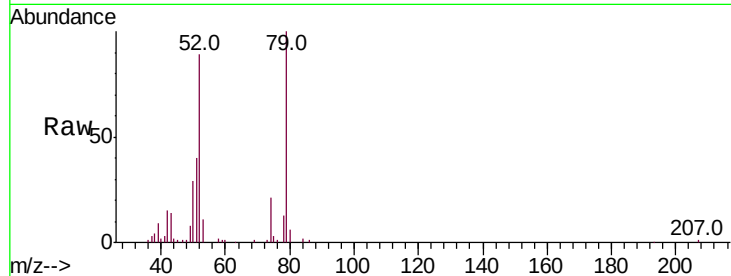
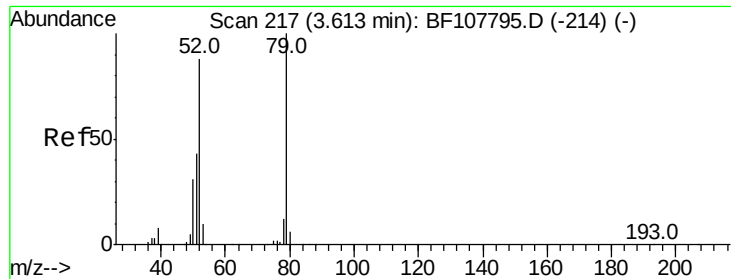
Abundance

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





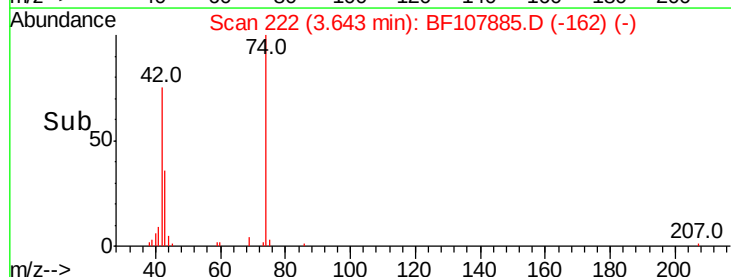
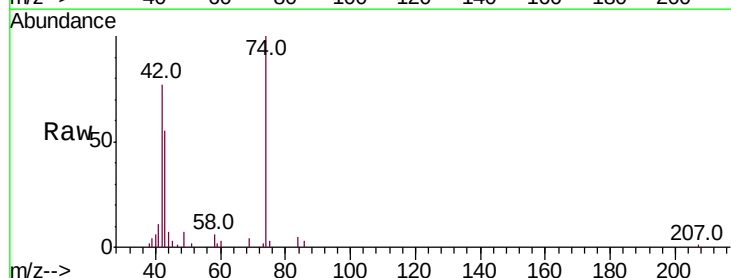
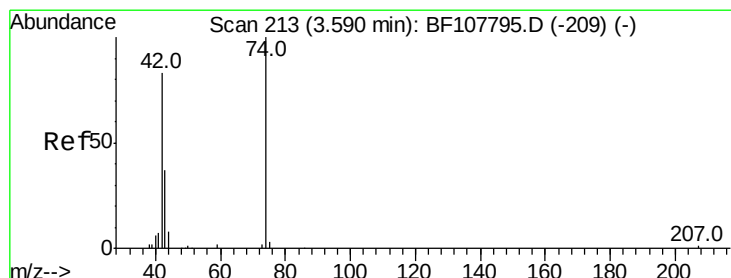
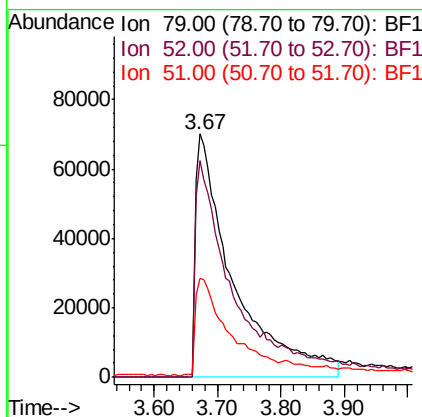
#3
Pvridine
Concen: 39.904 ng
RT: 3.67 min Scan# 227
Delta R.T. 0.06 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tot Ion	Ratio	Resp	Lower	Upper
79	100	290061		
52	88.8	59.8	89.6	
51	40.4	29.8	44.8	

Instrument :
BNA_F
ClientSampleId :
PB111656BS

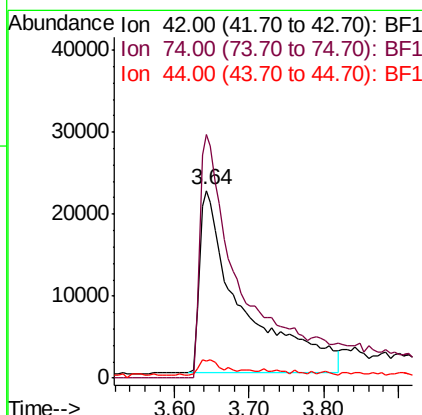
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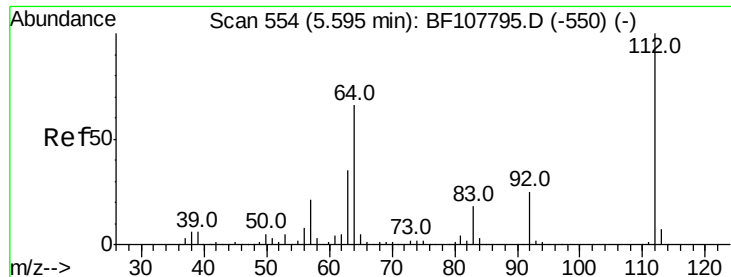
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#4
n-Nitrosodimethylamine
Concen: 27.152 ng
RT: 3.64 min Scan# 222
Delta R.T. 0.05 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	88230		
74	130.0	104.9	157.3	
44	8.9	6.9	10.3	





#5

2-Fluorophenol

Concen: 131.086 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

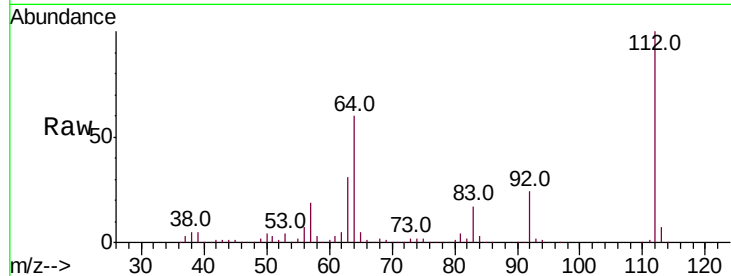
ClientSampleId :

PB111656BS

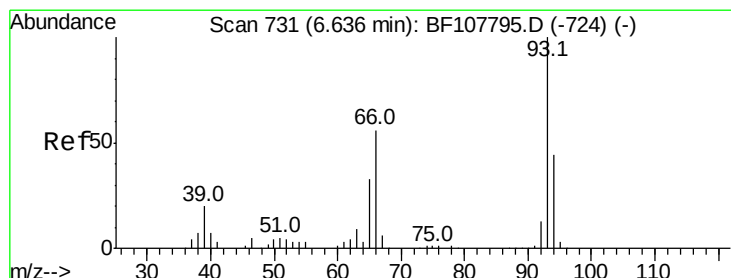
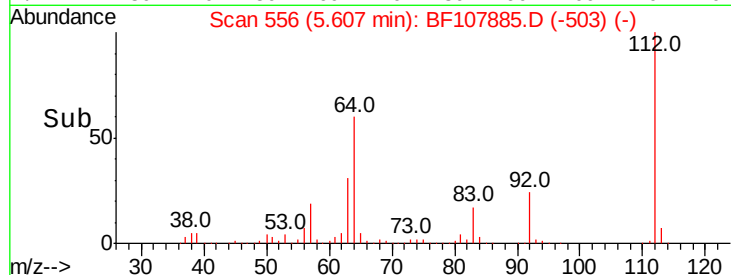
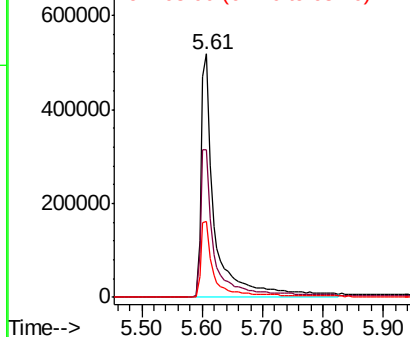
Tot Ion:	112	Resp:	837164
Ion Ratio	Lower	Upper	
112	100		
64	60.5	47.9	71.9
63	31.0	23.7	35.5

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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: 37.853 ng

RT: 6.64 min Scan# 731

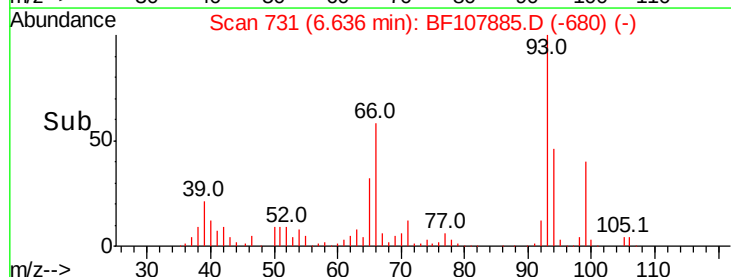
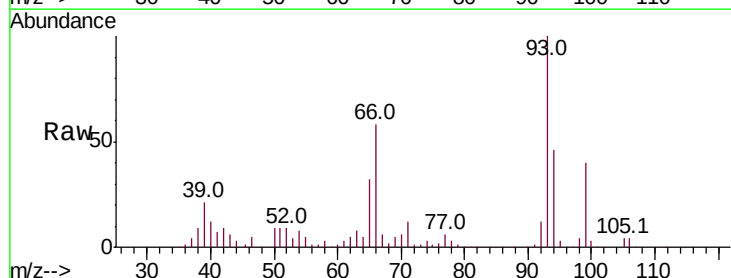
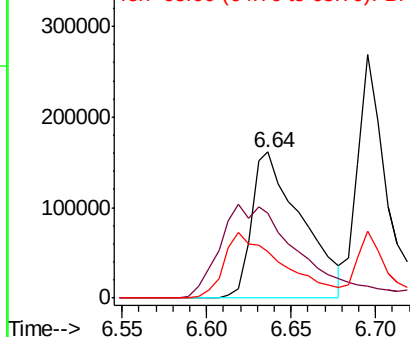
Delta R.T. 0.00 min

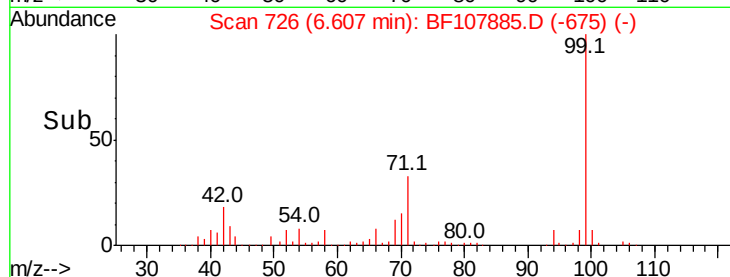
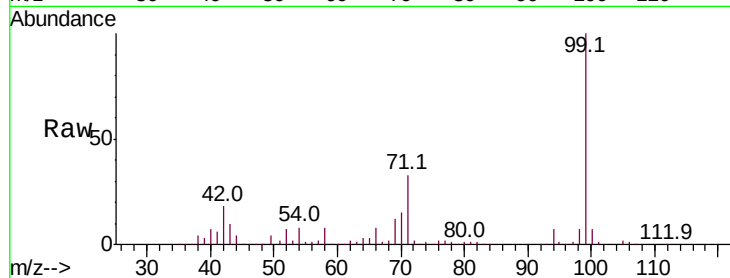
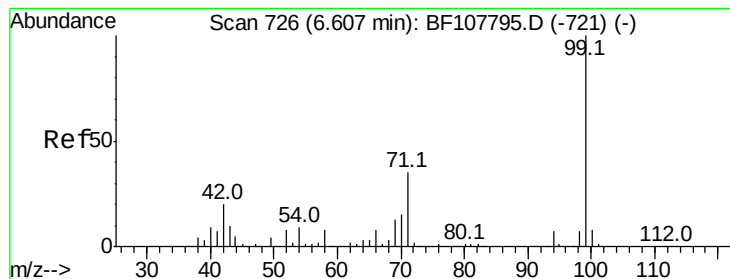
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Tgt Ion:	93	Resp:	331390
Ion Ratio	Lower	Upper	
93	100		
66	57.9	32.2	48.2#
65	31.7	16.4	24.6#

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





#7

Phenol-d6

Concen: 118.571 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Tot Ion:	99	Resp:	997990
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.5	21.7
71	32.9	25.4	38.0

Instrument :

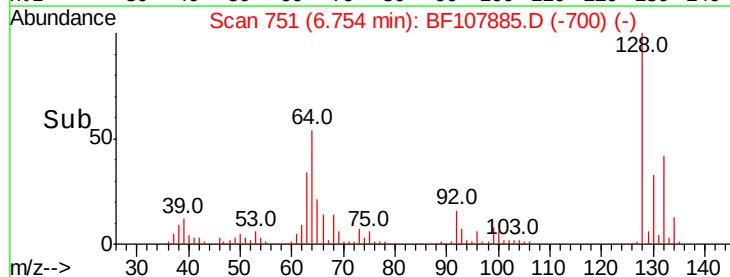
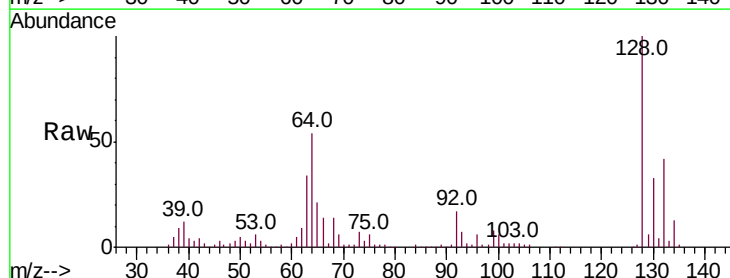
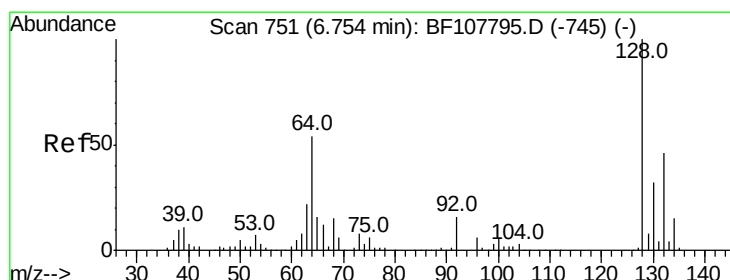
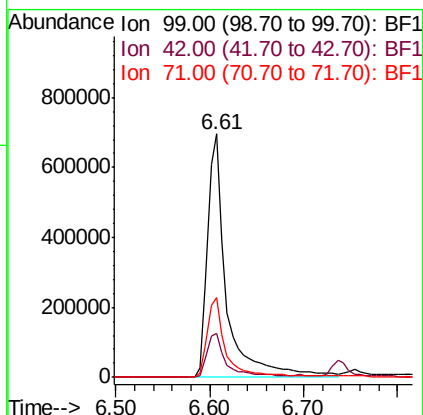
BNA_F

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#8

2-Chlorophenol

Concen: 42.789 ng

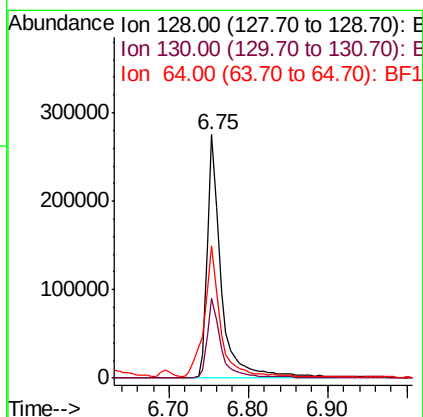
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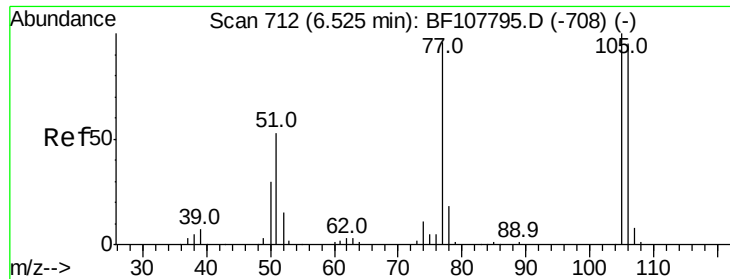
Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Tgt Ion:	128	Resp:	343253
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	54.1	29.4	69.4





#9

Benzaldehyde

Concen: 23.691 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

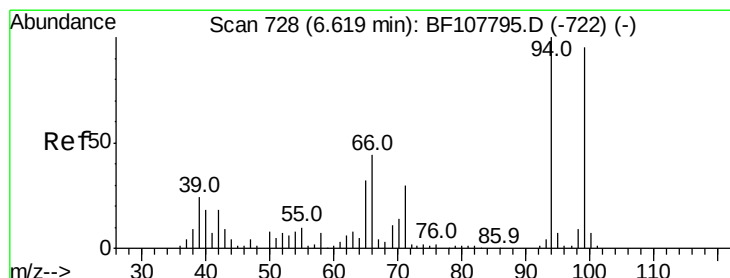
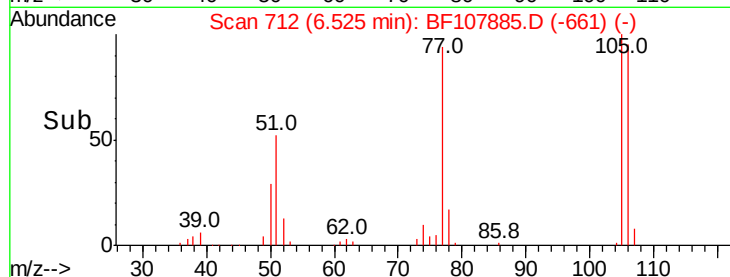
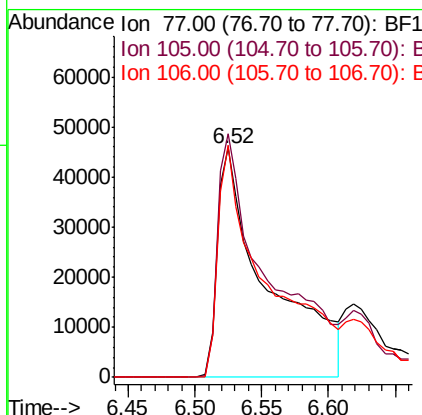
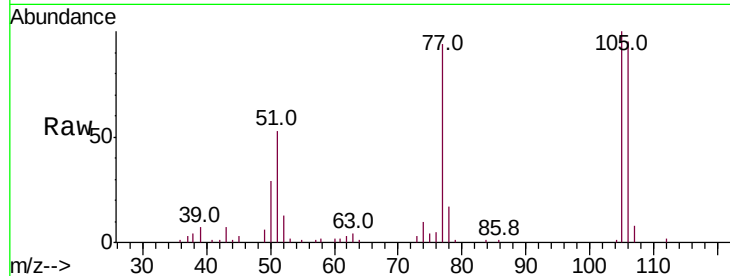
ClientSampleId :

PB111656BS

Tot Ion:	77	Resp:	120308
Ion	Ratio	Lower	Upper
77	100		
105	106.2	81.1	121.1
106	101.1	74.5	114.5

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#10

Phenol

Concen: 37.345 ng

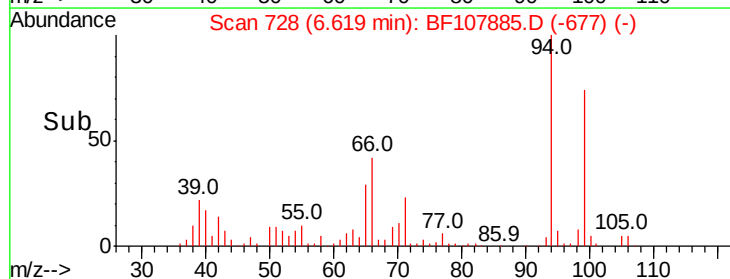
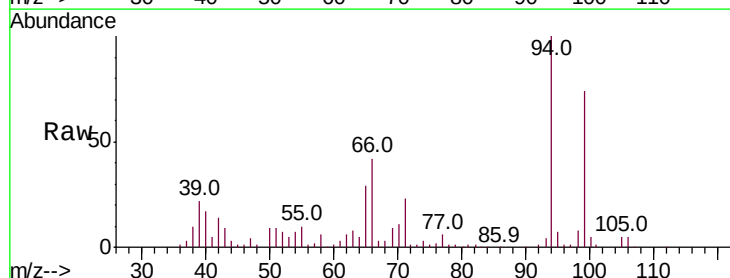
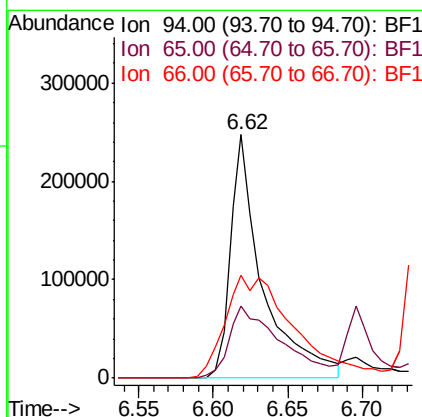
RT: 6.62 min Scan# 728

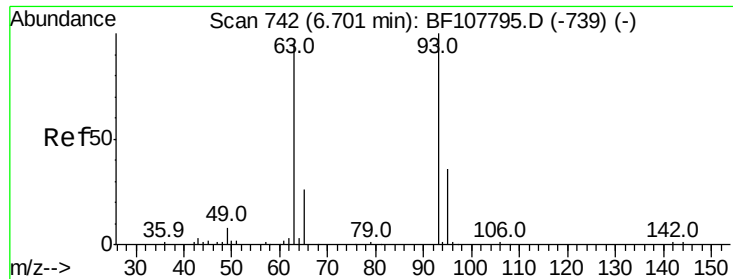
Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Tgt Ion:	94	Resp:	374840
Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	42.0	16.2	56.2





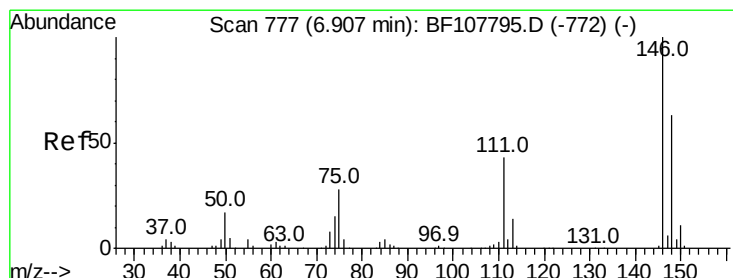
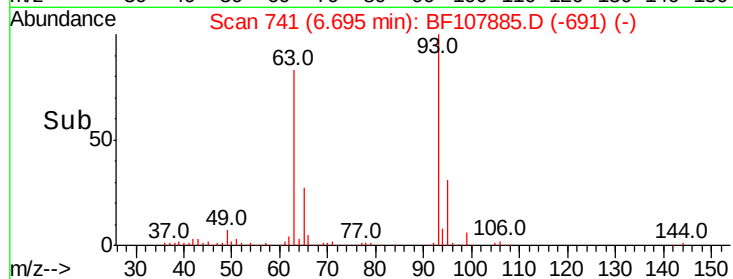
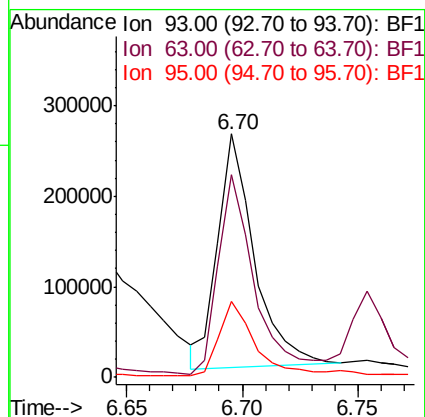
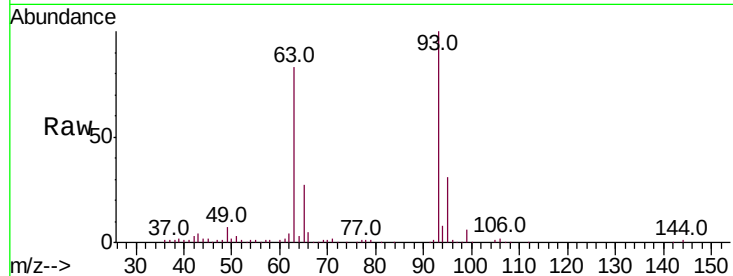
#11
bis(2-Chloroethyl)ether
Concen: 31.787 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	58.6	98.6
95	31.2	11.8	51.8

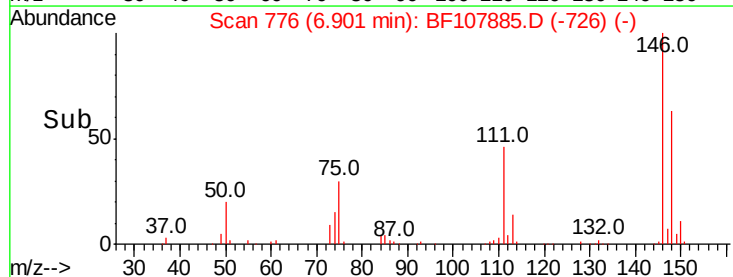
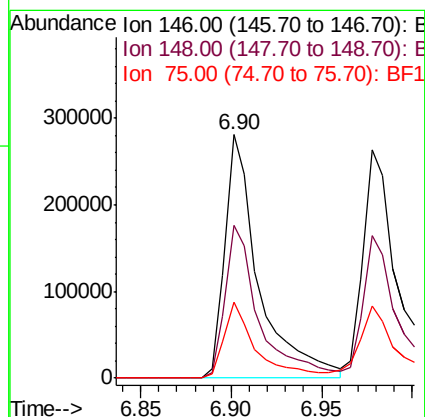
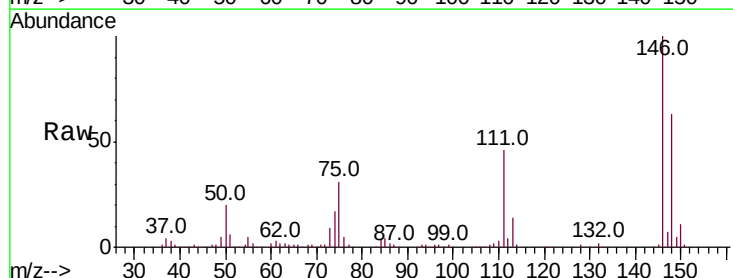
Manual Integrations
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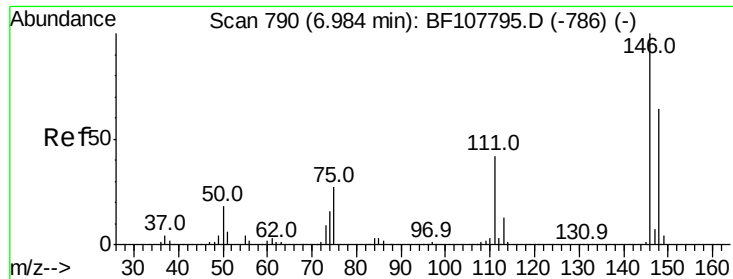
Sohil
8/2/2018 9:16:57 AM



#12
1,3-Dichlorobenzene
Concen: 43.584 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	31.0	24.2	36.4





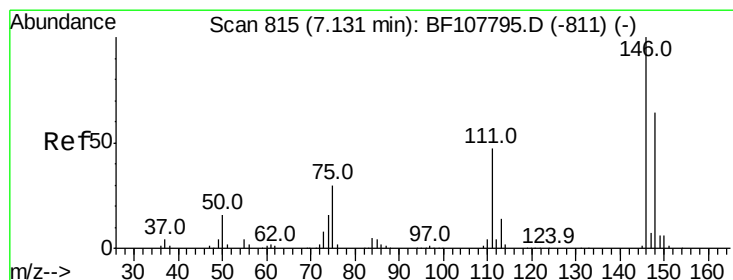
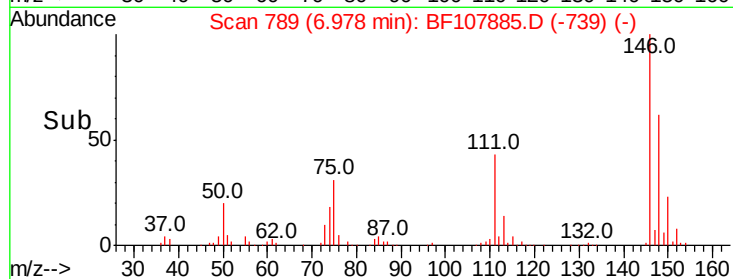
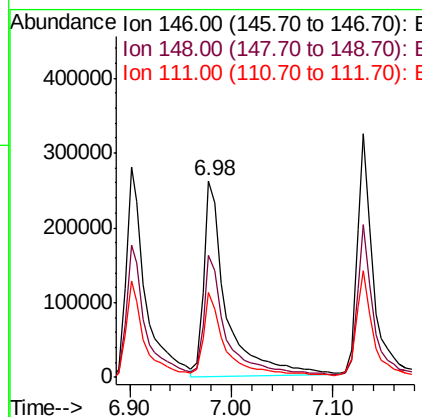
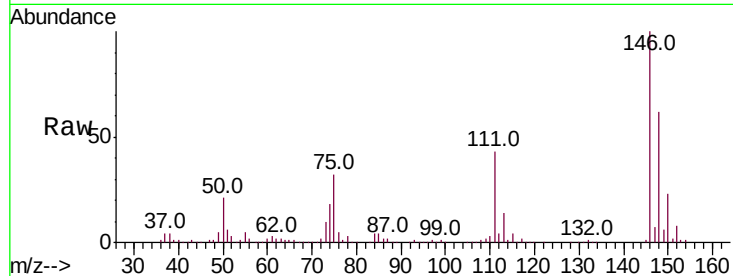
#13
 1,4-Dichlorobenzene
 Concen: 43.398 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleID :
 PB111656BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.8	76.2
111	43.3	34.2	51.2

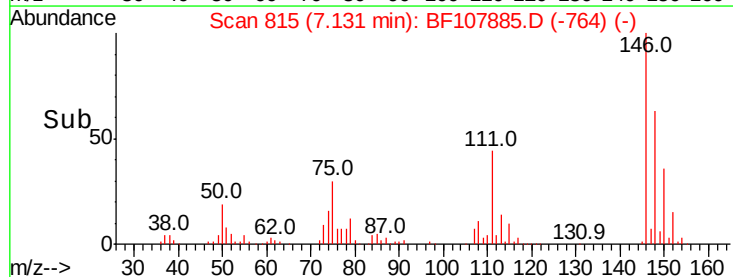
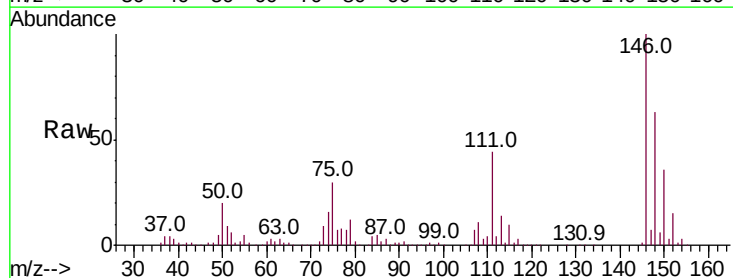
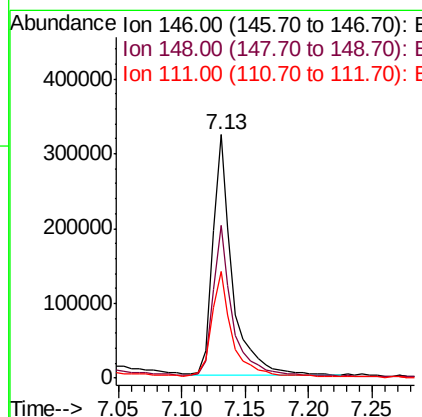
Manual Integrations
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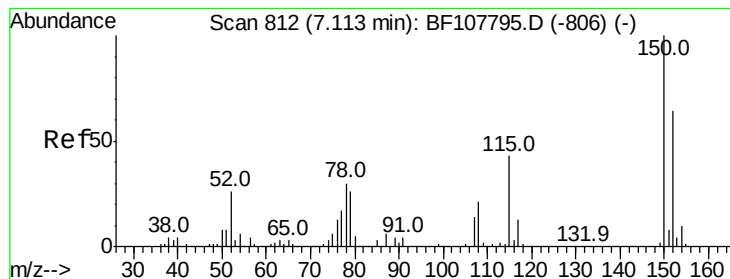
Sohil
 8/2/2018 9:16:57 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.893 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	44.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 44.367 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

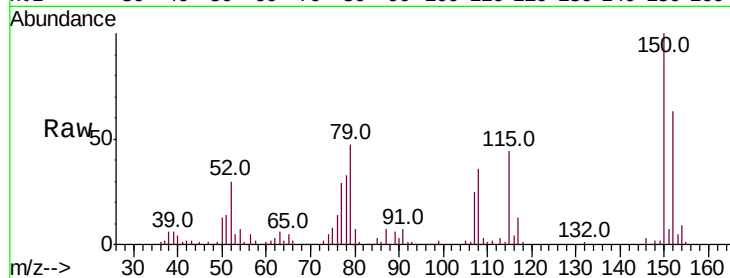
ClientSampled :

PB111656BS

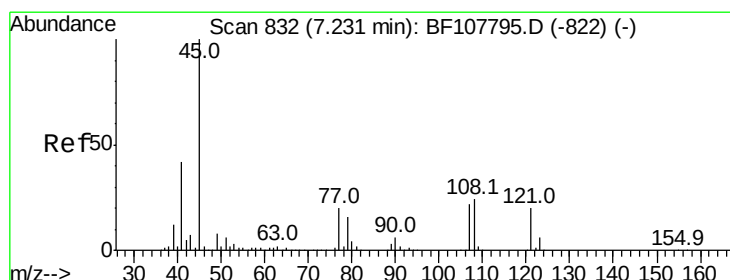
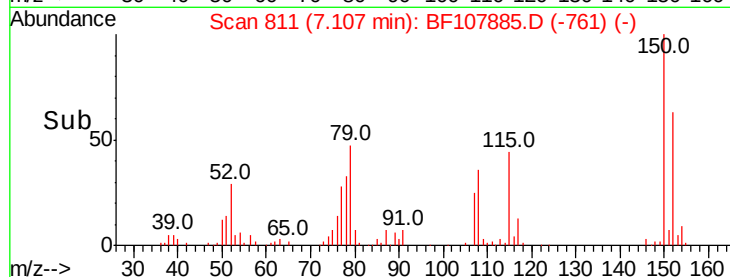
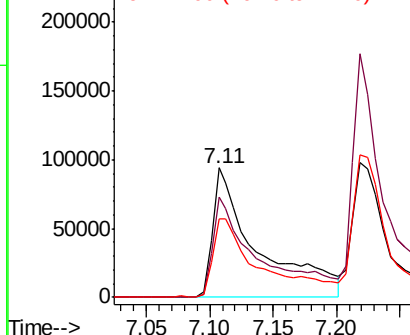
Tot Ion:	79	Resp:	232103
Ion Ratio	Lower	Upper	
79	100		
108	77.3	65.1	97.7
77	61.0	50.6	75.8

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.934 ng

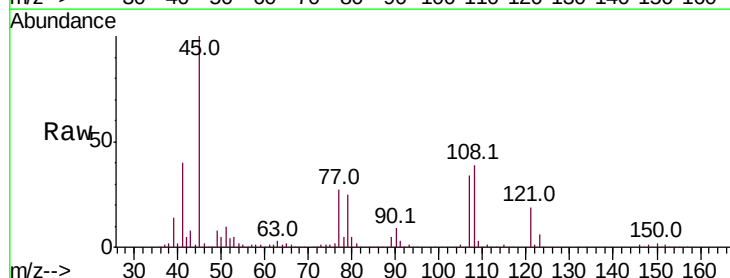
RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

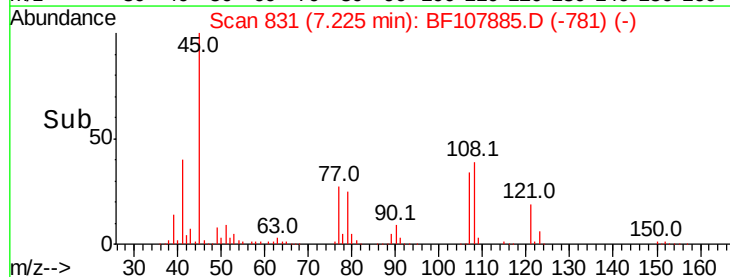
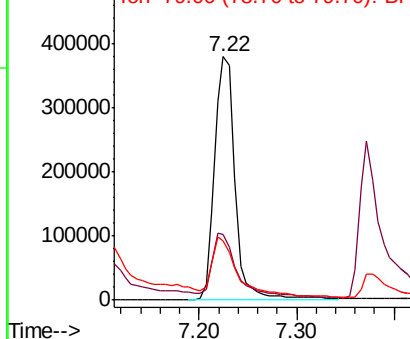
Lab File: BF107885.D

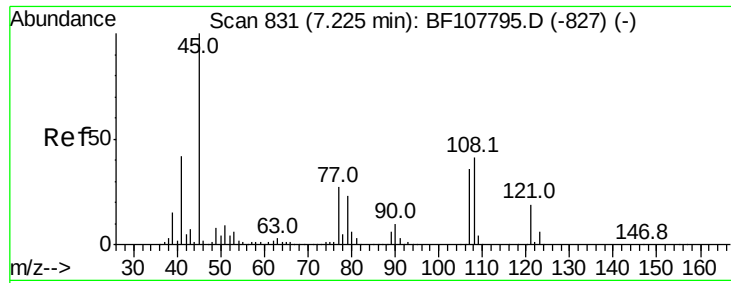
Acq: 1 Aug 2018 13:32

Tgt Ion:	45	Resp:	550945
Ion Ratio	Lower	Upper	
45	100		
77	26.9	0.0	32.9
79	24.5	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





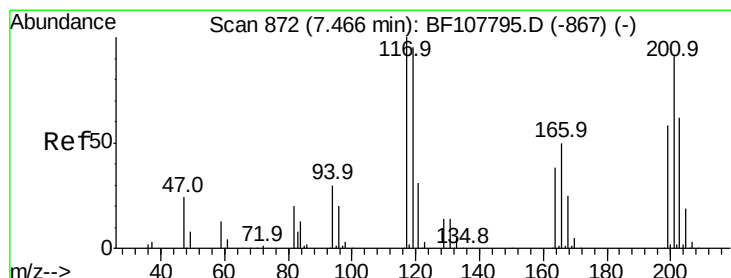
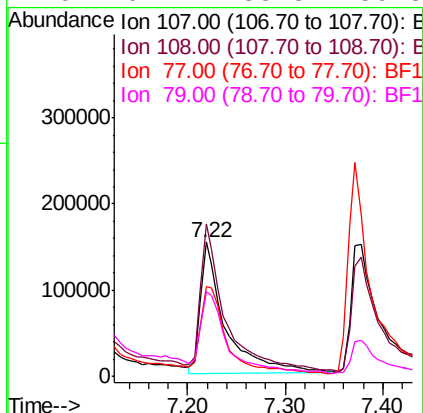
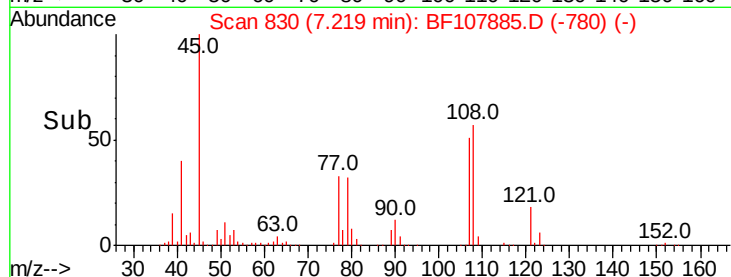
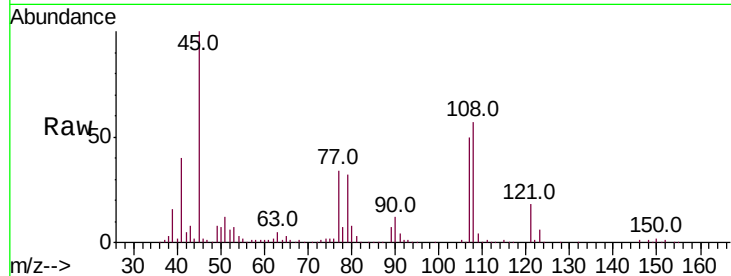
#17
2-Methylphenol
Concen: 45.972 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.7	137.5	
77	66.6	33.8	50.8#	
79	62.7	33.8	50.8#	

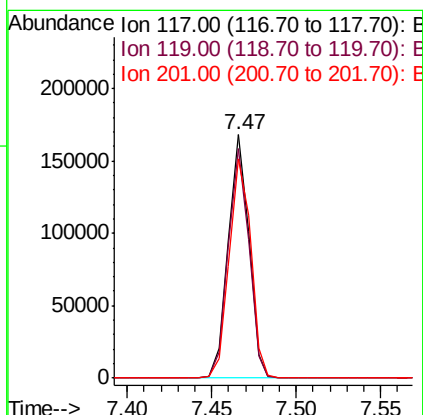
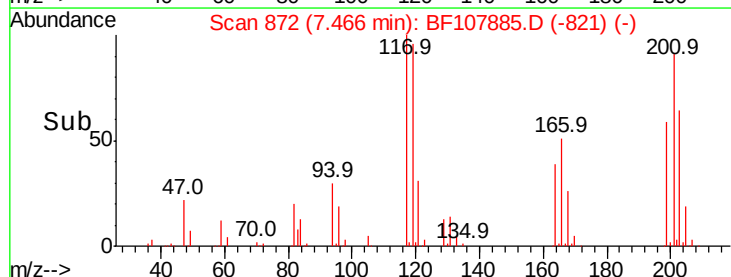
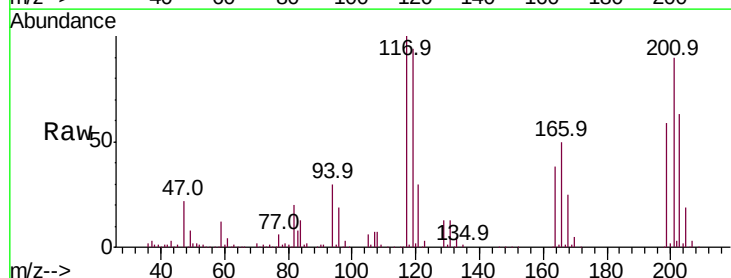
Manual Integrations
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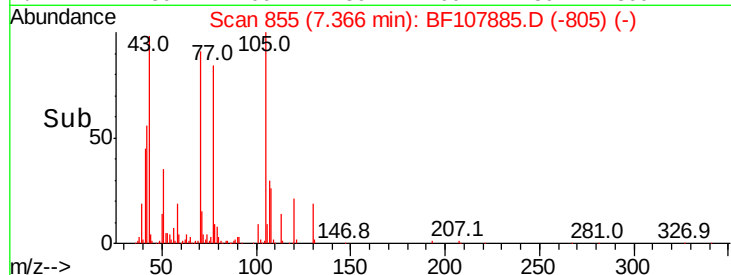
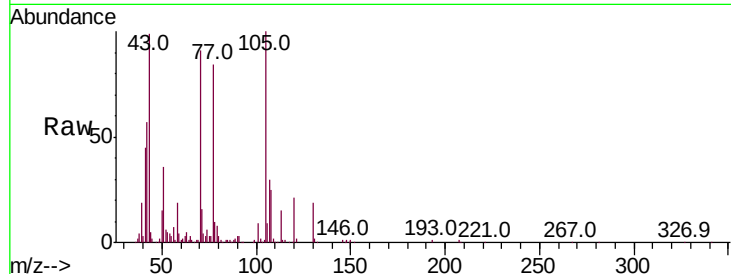
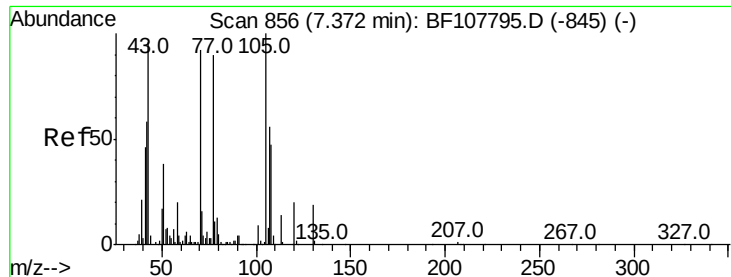
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#18
Hexachloroethane
Concen: 42.538 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.8	113.8	
201	90.3	75.7	113.5	





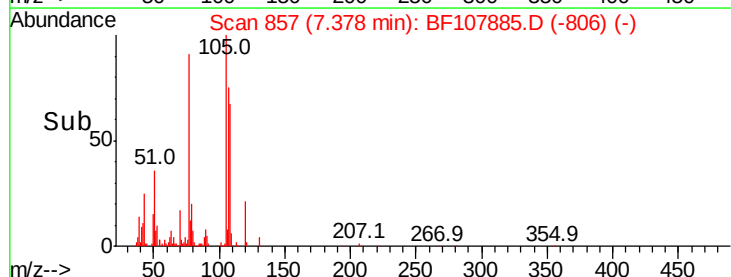
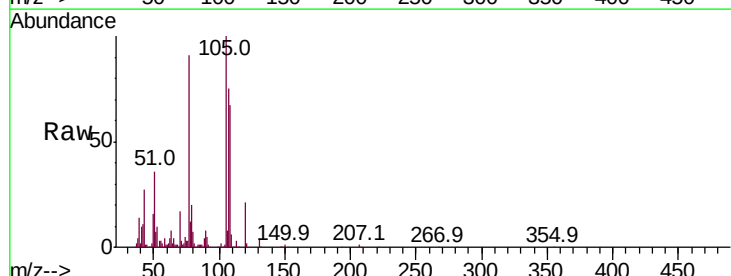
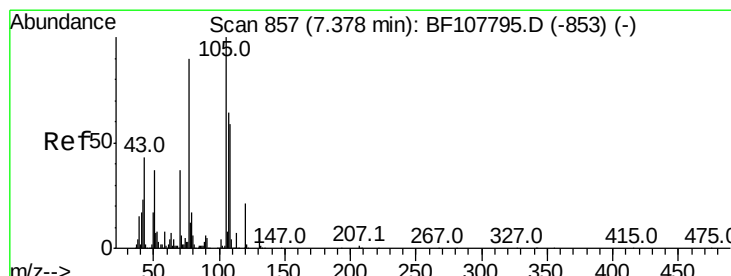
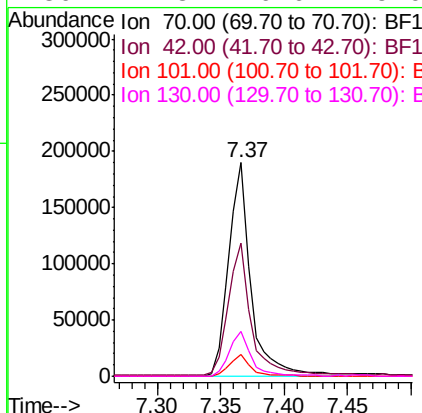
#19
n-Nitroso-di-n-propylamine
Concen: 43.411 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	47.5	71.3
101	10.3	7.4	11.2
130	21.3	16.6	25.0

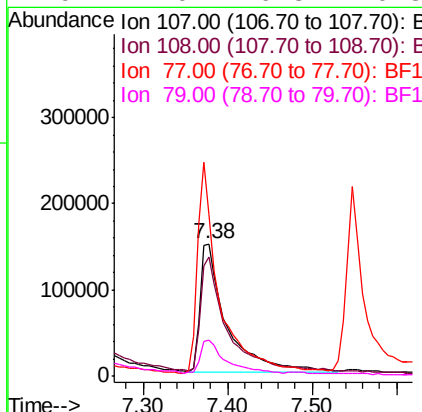
Manual Integrations
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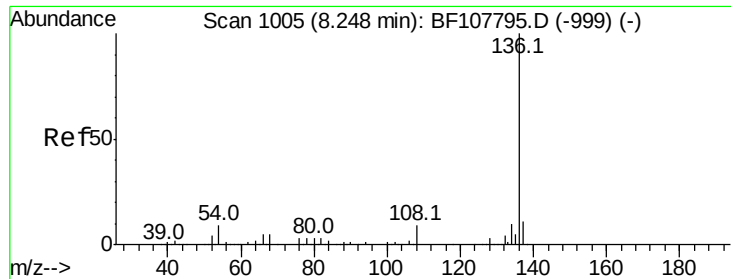
Sohil
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#20
3+4-Methylphenols
Concen: 44.973 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	121.4	26.7	66.7#
79	27.0	6.3	46.3





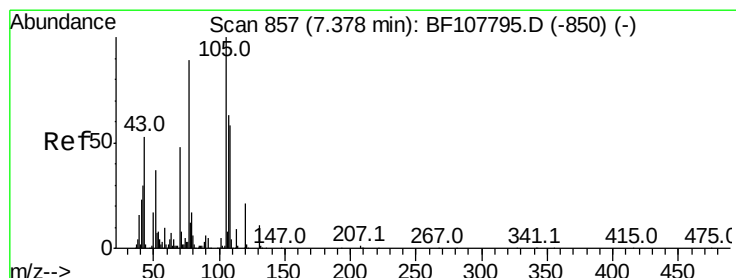
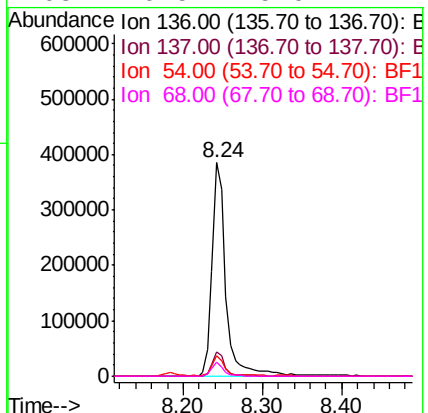
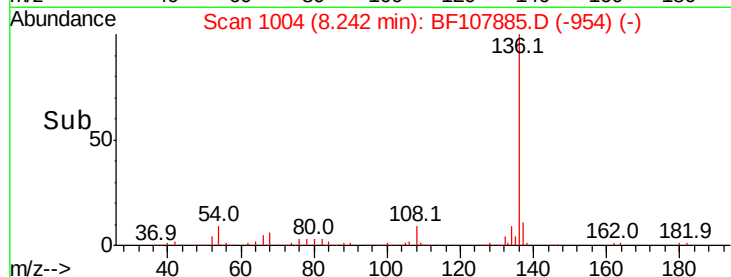
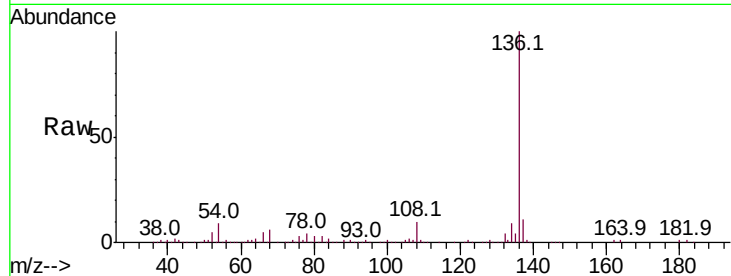
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	9.4	6.6	9.8	
68	6.5	5.0	7.4	

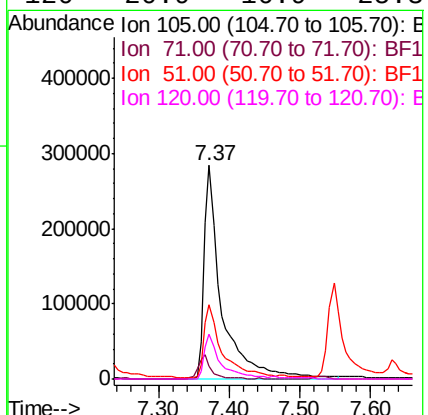
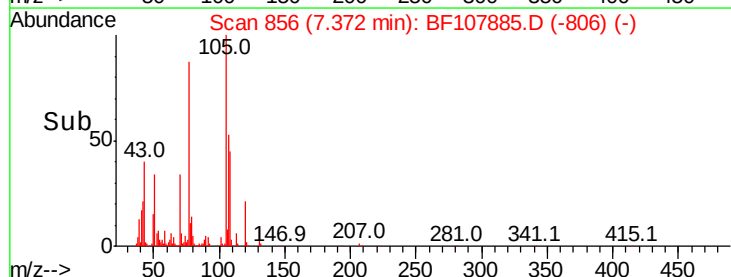
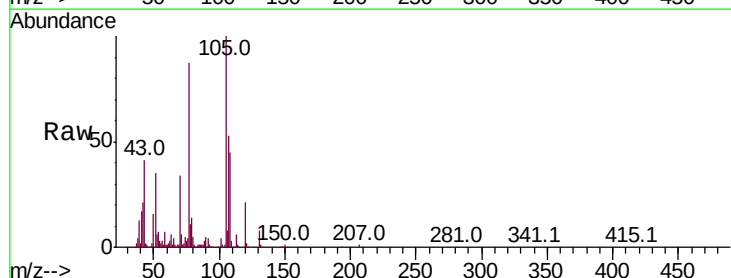
Manual Integrations
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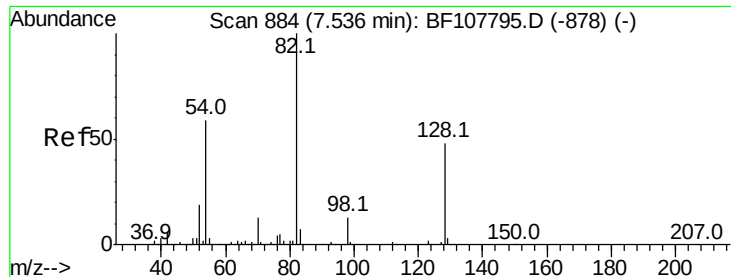
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#22
Acetophenone
Concen: 44.126 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	4.4	6.6	
51	34.7	22.3	33.5	
120	20.9	16.9	25.3	





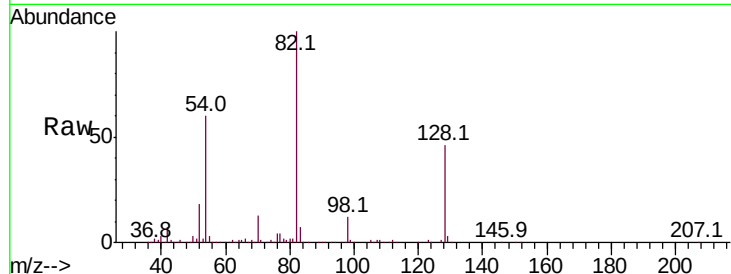
#23
Nitrobenzene-d5
Concen: 81.966 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

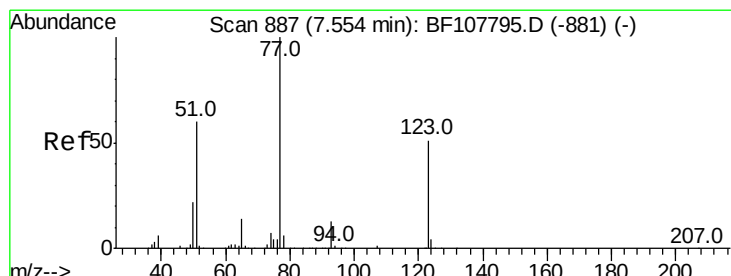
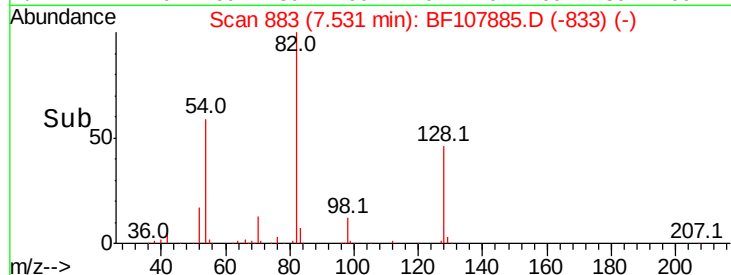
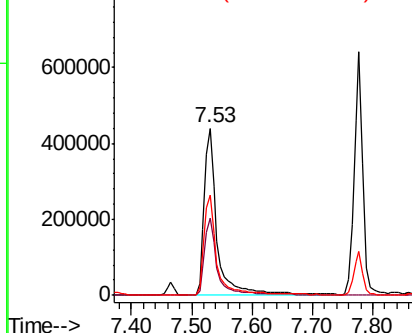
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	59.8	41.4	62.2

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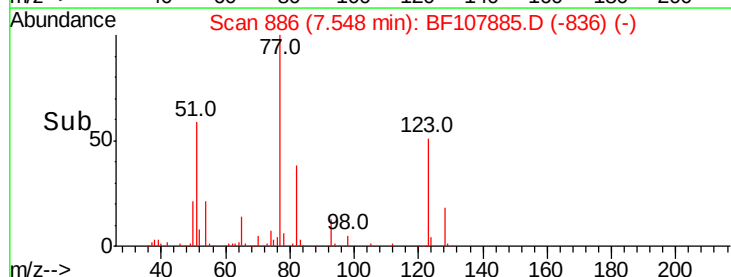
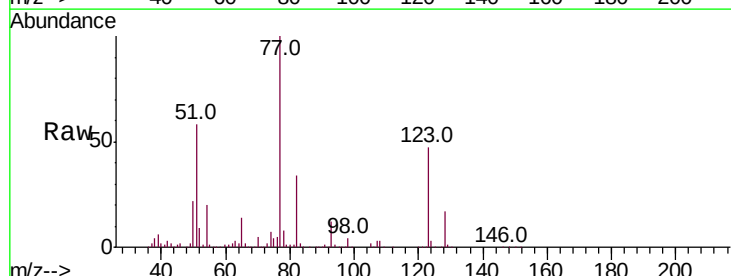
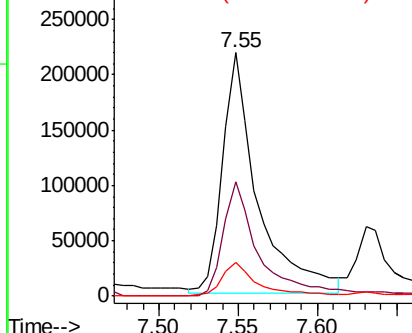
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

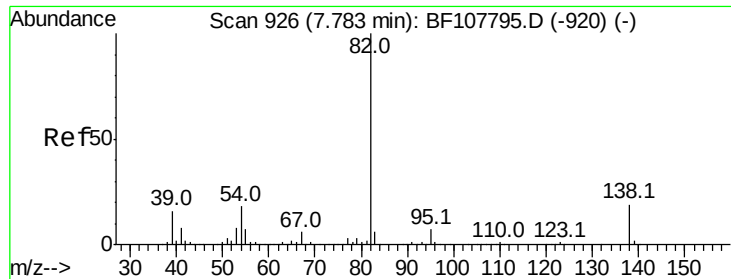


#24
Nitrobenzene
Concen: 39.043 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.9	56.9
65	13.8	11.0	16.4

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





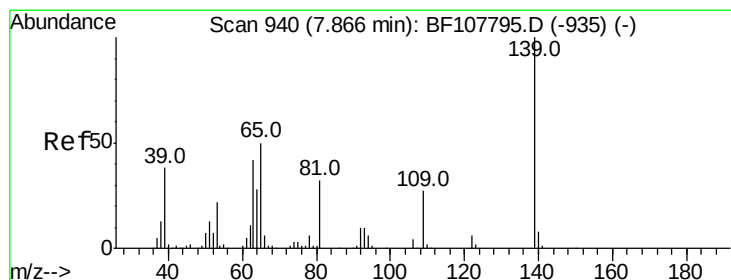
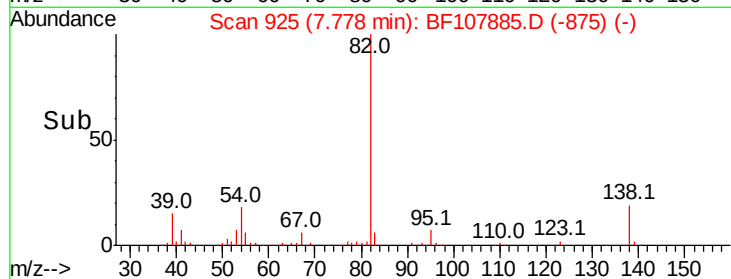
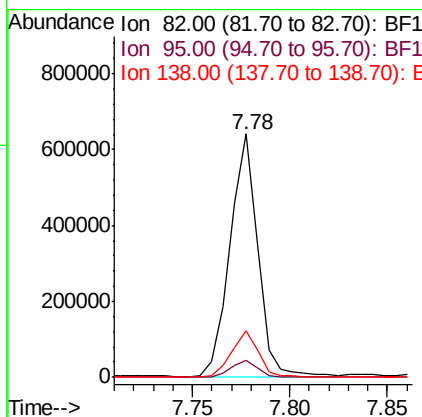
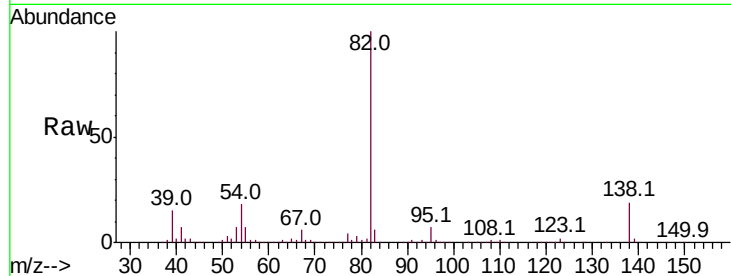
#25
Isophorone
Concen: 47.269 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.2	7.8	
138	19.2	14.9	22.3	

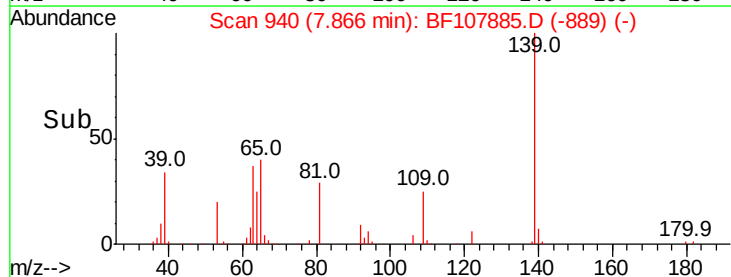
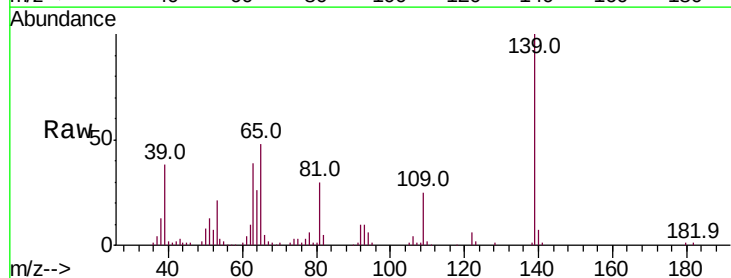
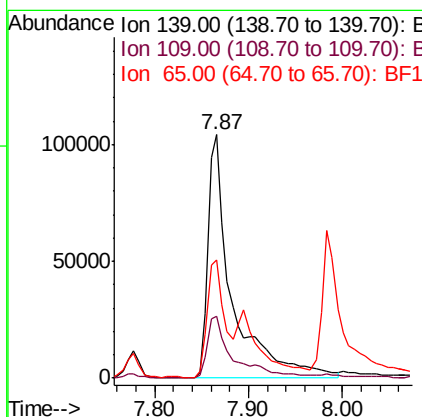
Manual Integrations
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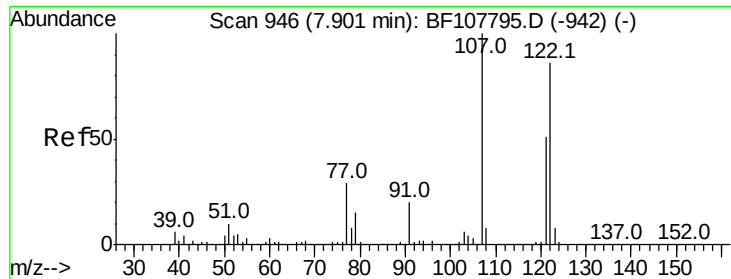
Sohil
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#26
2-Nitrophenol
Concen: 43.921 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.2	22.7	34.1	
65	48.5	40.5	60.7	





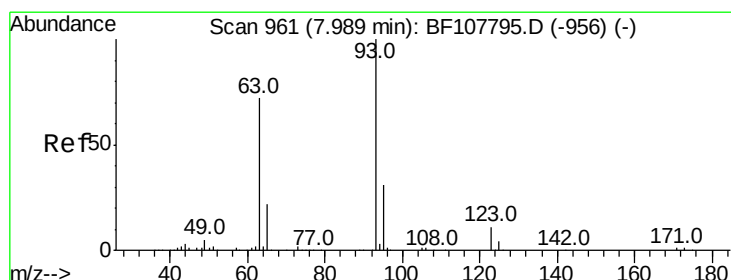
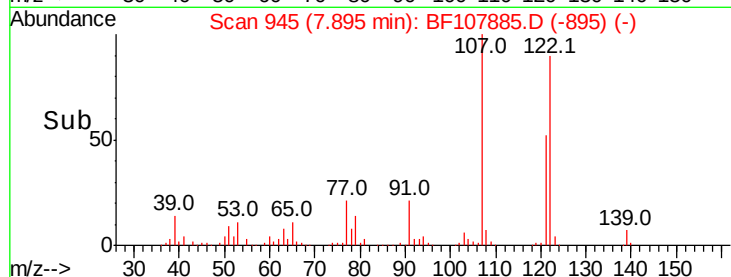
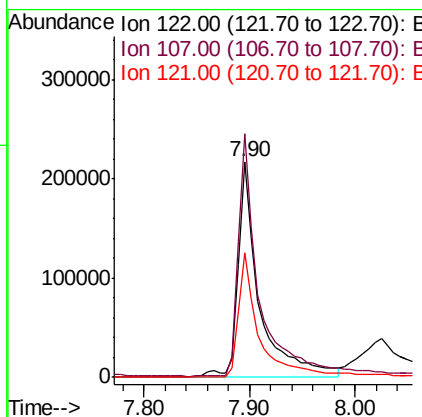
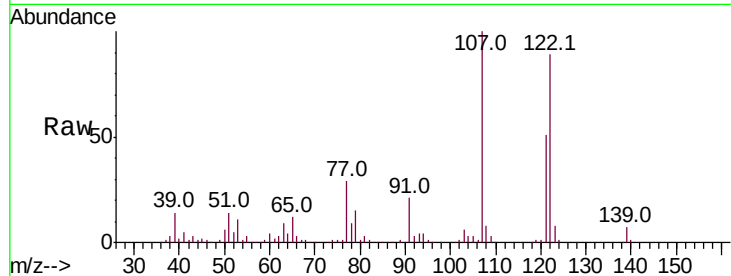
#27
2,4-Dimethylphenol
Concen: 52.650 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.2	136.8
121	57.9	47.2	70.8

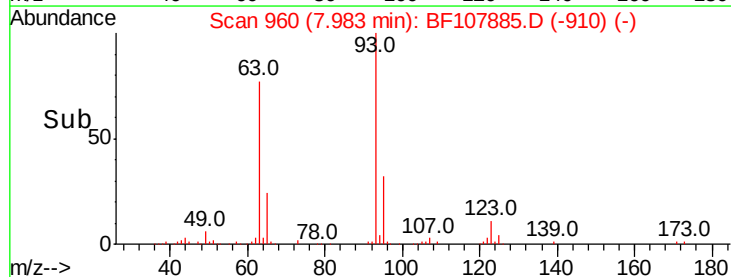
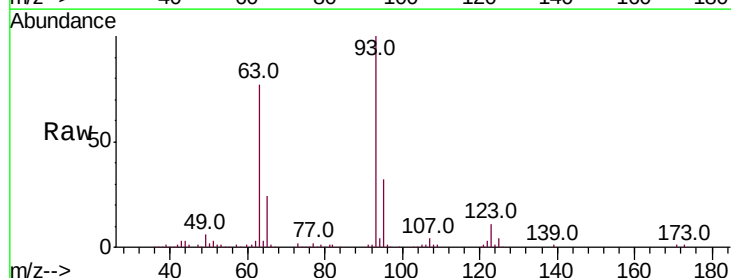
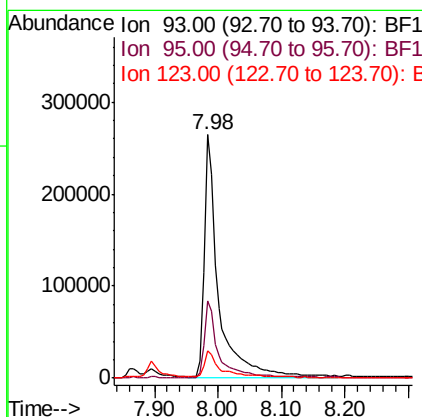
Manual Integrations
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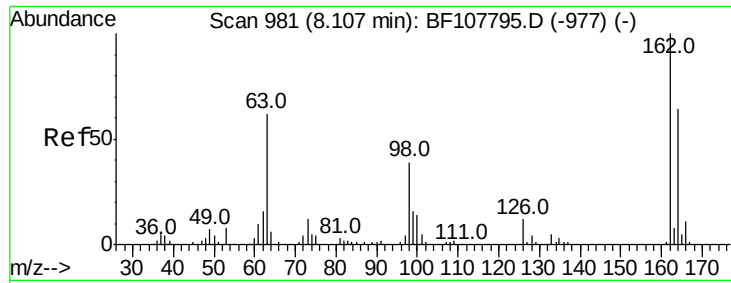
Sohil
8/2/2018 9:16:57 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.071 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.3	39.5
123	11.4	9.8	14.6





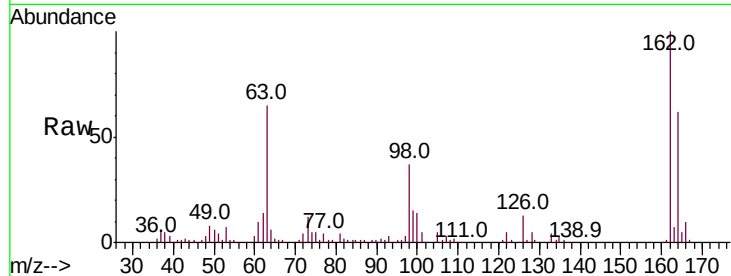
#29
2,4-Dichlorophenol
Concen: 43.619 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

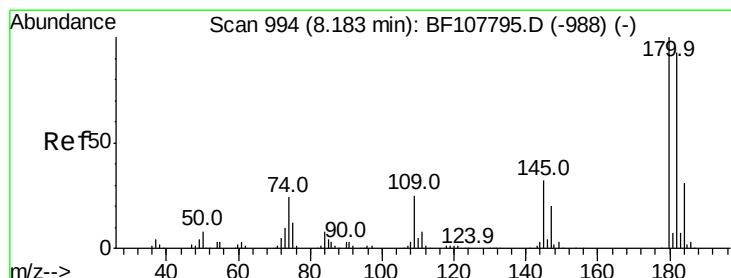
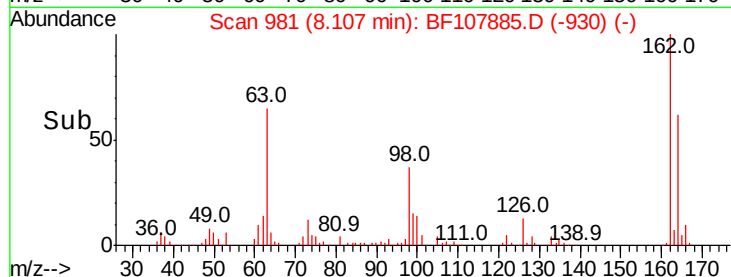
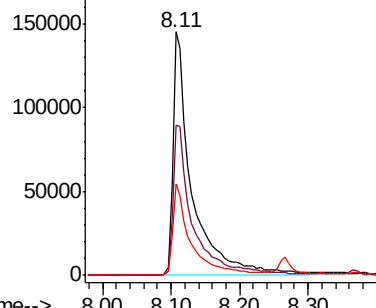
Tot Ion	Ratio	Resp	Lower	Upper
162	100	283629		
164	61.7	42.7	82.7	
98	37.3	18.1	58.1	

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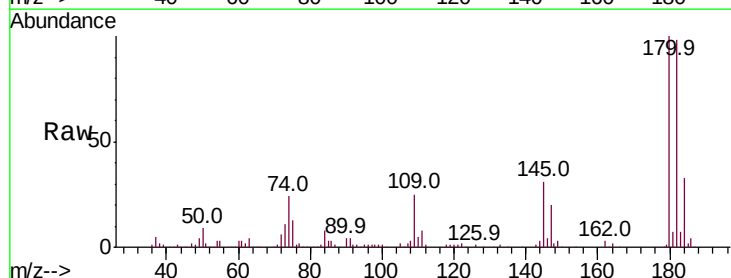


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

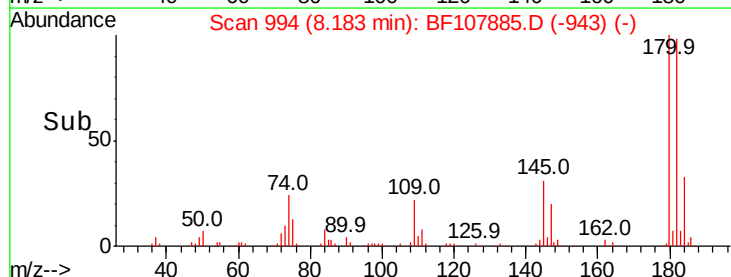
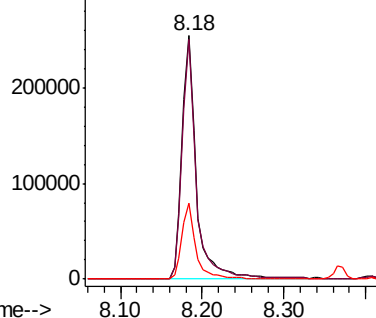


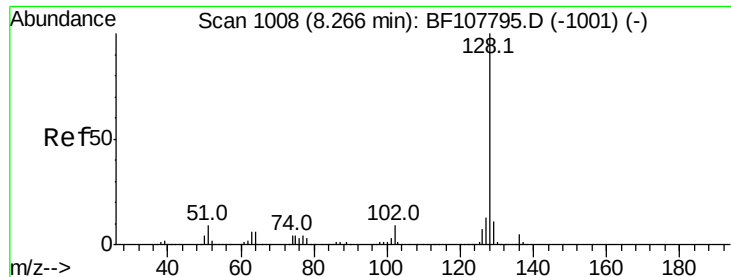
#30
1,2,4-Trichlorobenzene
Concen: 42.517 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	315392		
182	98.4	76.8	115.2	
145	31.3	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





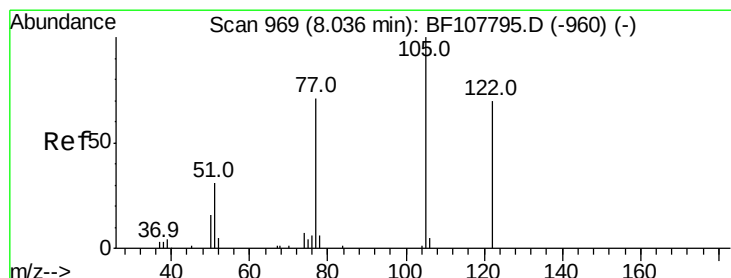
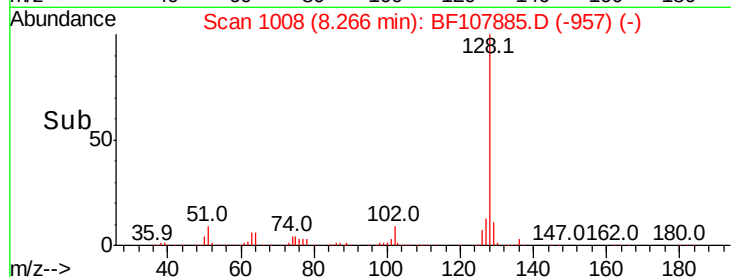
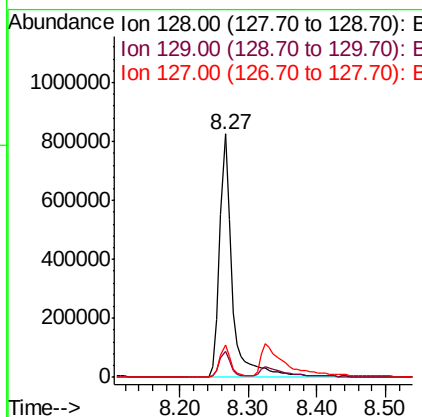
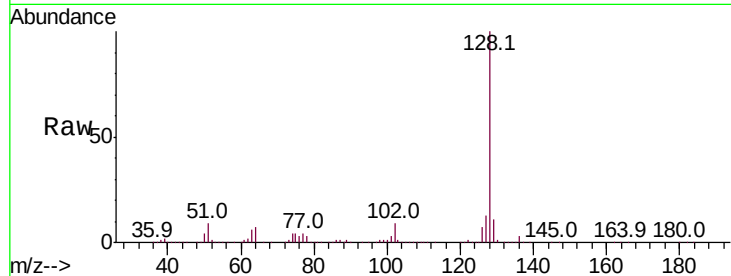
#31
Naphthalene
Concen: 47.562 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleID :
PB111656BS

Tot Ion:128 Resp: 1039234
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.9 16.3

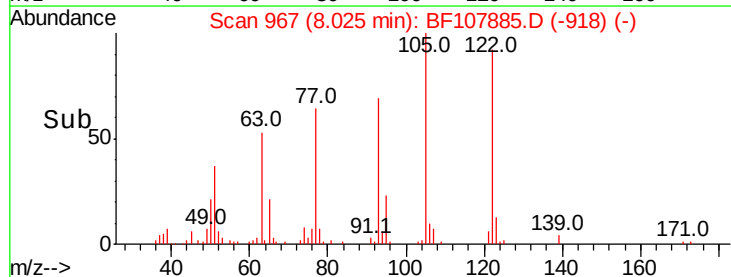
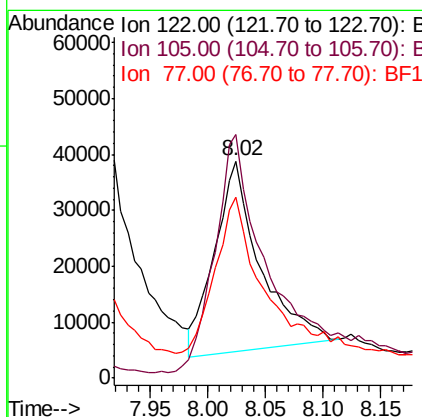
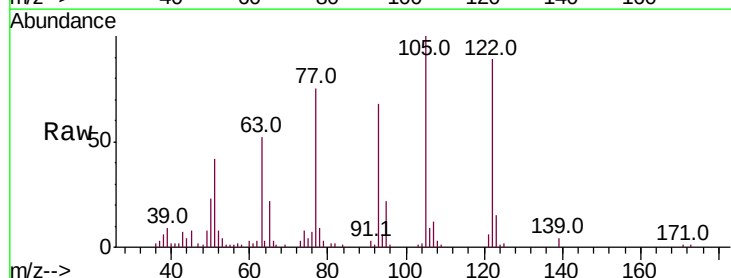
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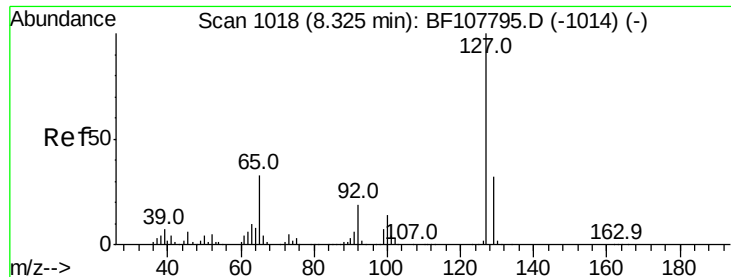
Sohil
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#32
Benzoic acid
Concen: 24.945 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion:122 Resp: 94124
Ion Ratio Lower Upper
122 100
105 112.0 101.1 141.1
77 83.5 70.7 110.7





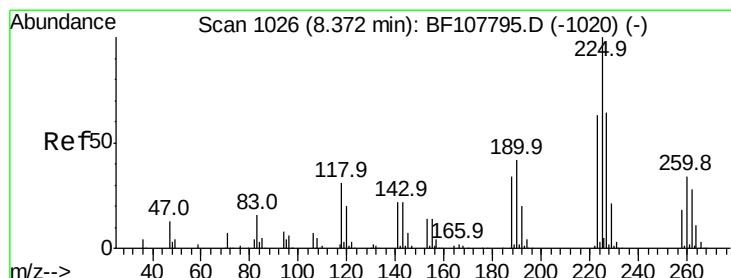
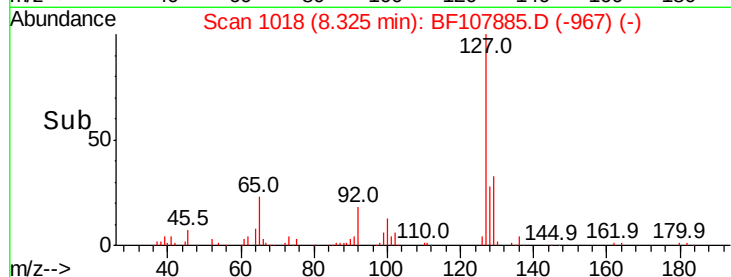
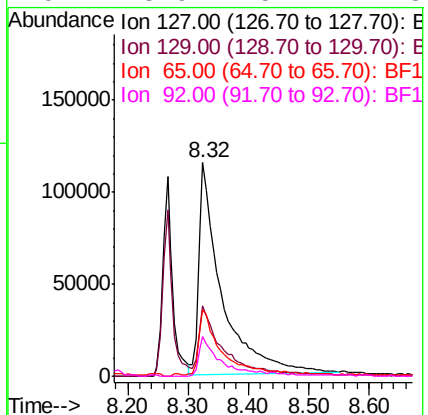
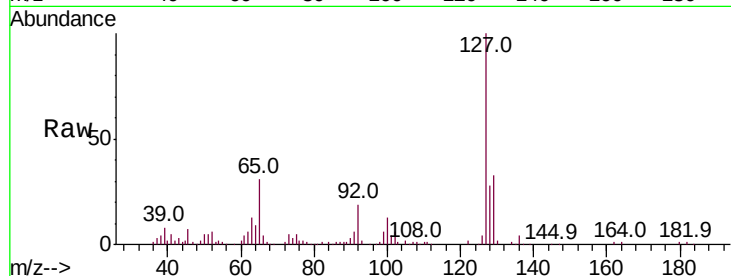
#33
4-Chloroaniline
Concen: 32.698 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	305174		
129	32.8		25.9	38.9
65	31.0		25.0	37.4
92	18.9		15.2	22.8

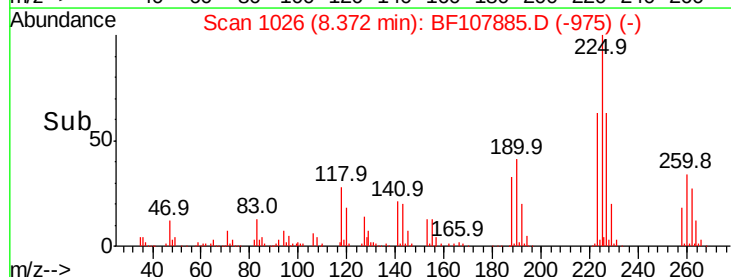
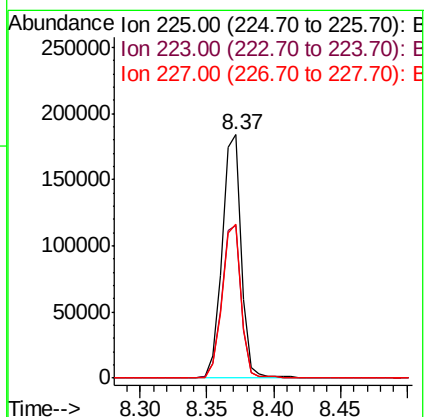
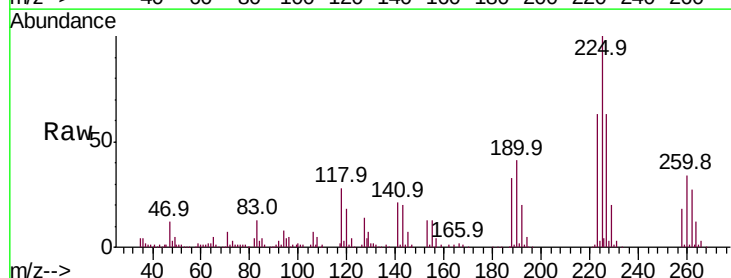
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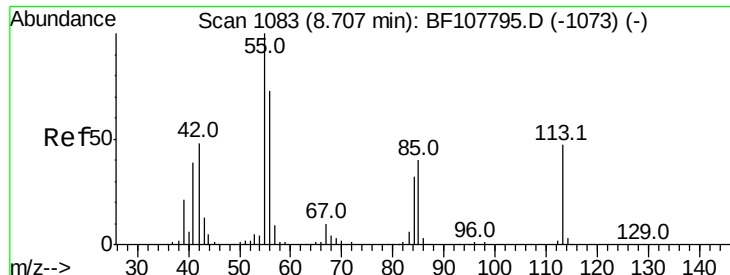
Sohil
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#34
Hexachlorobutadiene
Concen: 40.889 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187437		
223	62.7		50.6	76.0
227	63.3		51.9	77.9





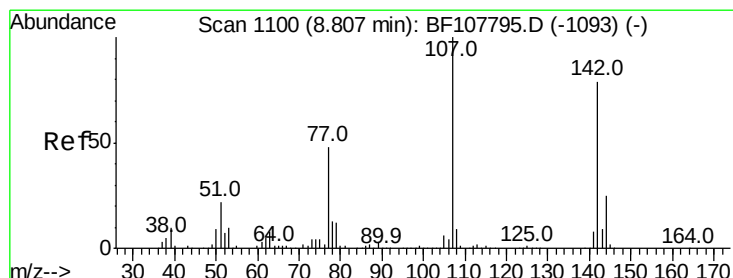
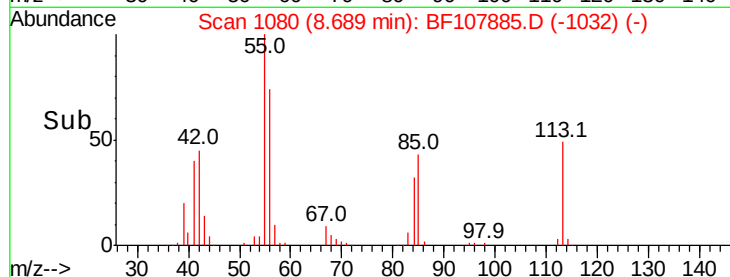
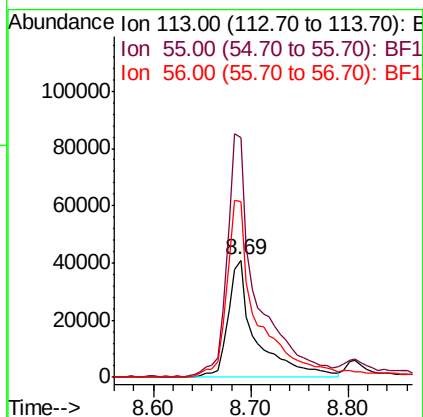
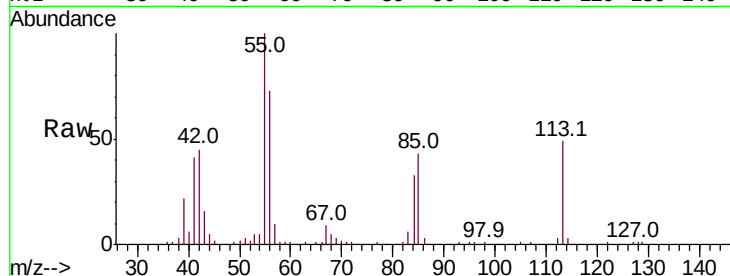
#35
 Caprolactam
 Concen: 41.513 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 PB111656BS

Tot Ion:113 Resp: 81261
 Ion Ratio Lower Upper
 113 100
 55 205.2 163.3 203.3#
 56 150.3 115.7 155.7

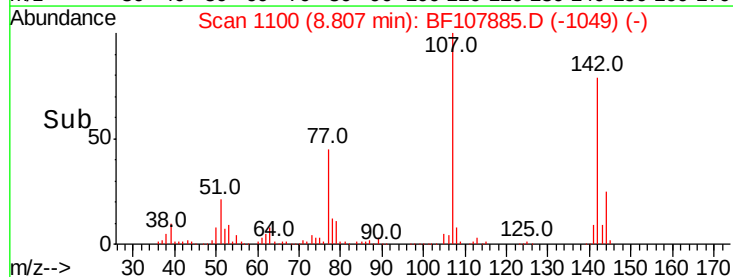
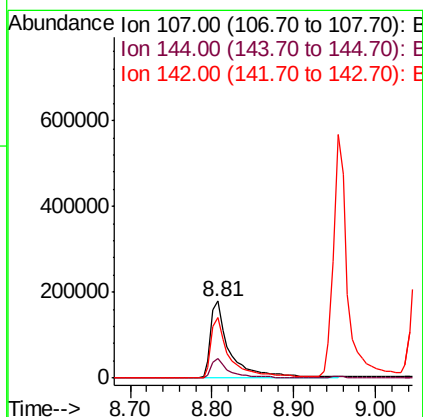
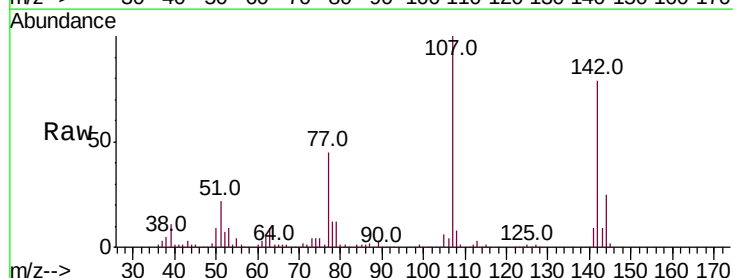
Manual Integrations
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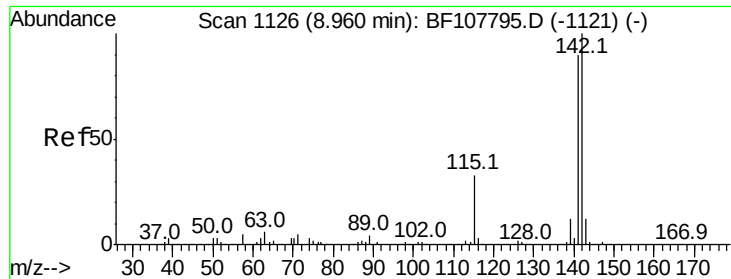
Sohil
 8/2/2018 9:16:57 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.772 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion:107 Resp: 302056
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 79.0 62.0 93.0





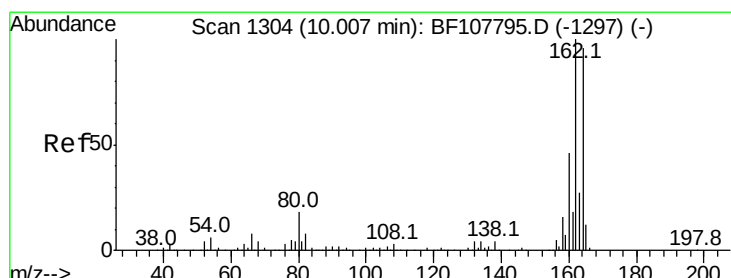
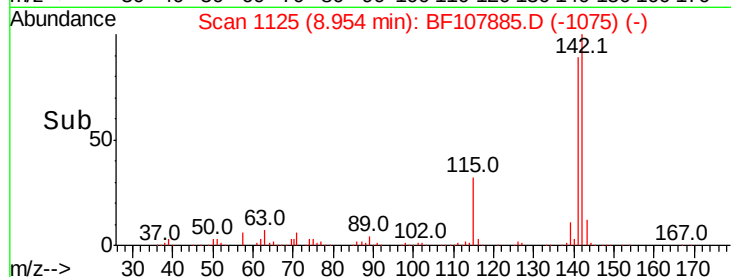
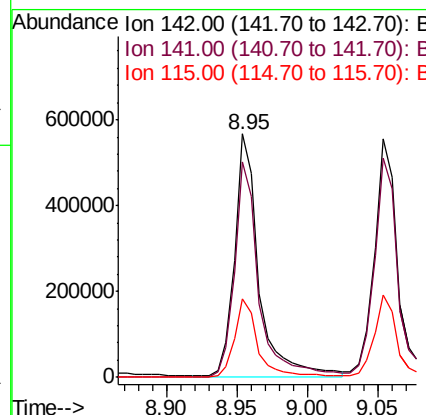
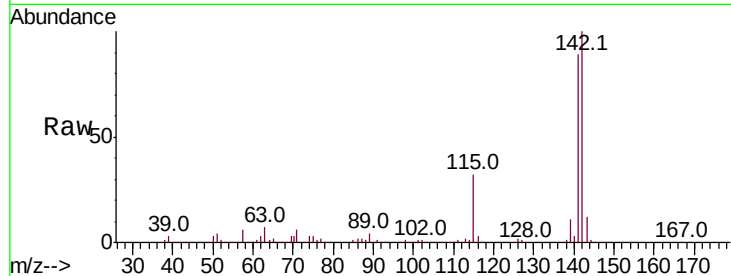
#37
 2-Methylnaphthalene
 Concen: 49.736 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	682636		
141	88.6		70.8	106.2
115	32.4		26.1	39.1

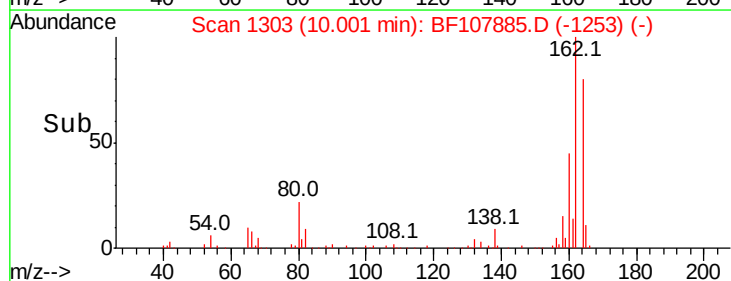
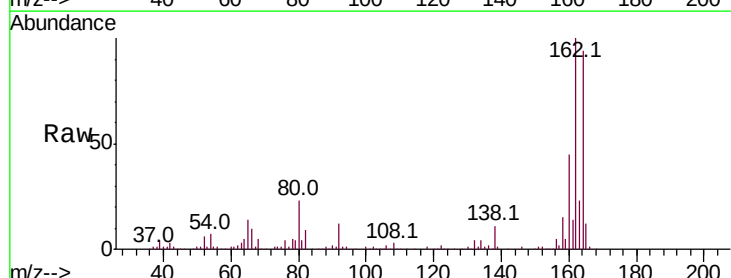
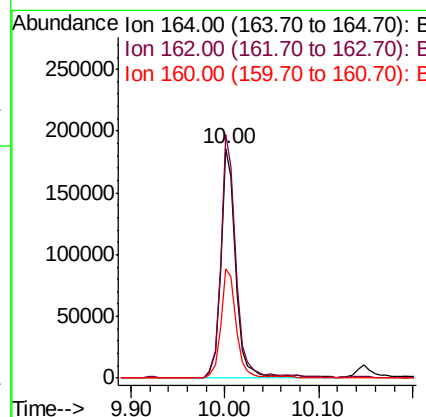
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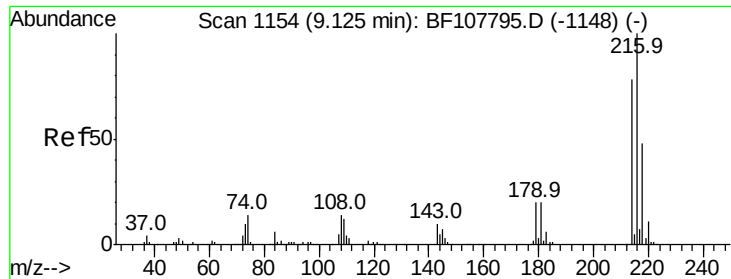
Sohil
 8/2/2018 9:16:57 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209126		
162	106.3		86.1	129.1
160	47.4		38.3	57.5





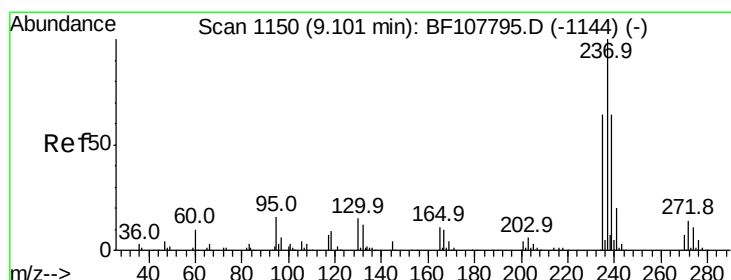
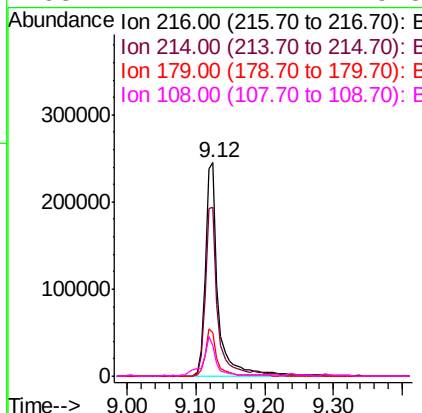
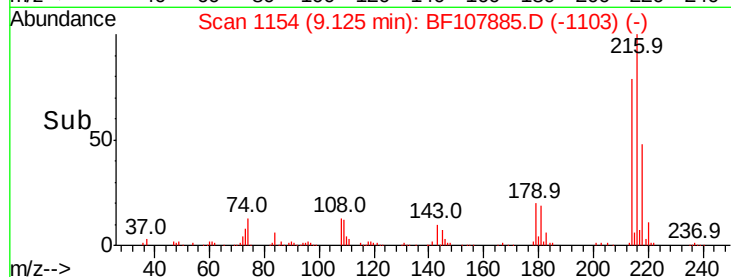
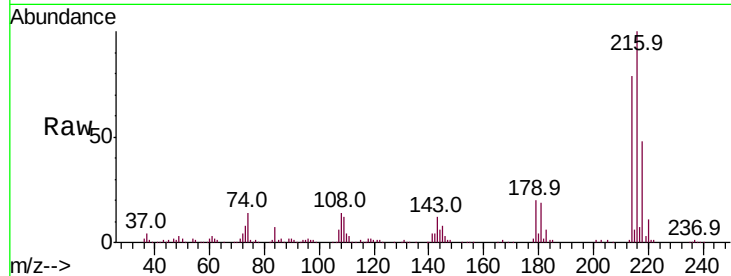
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.699 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	325840		
214	78.7	63.0	94.4	
179	20.8	18.1	27.1	
108	17.7	17.2	25.8	

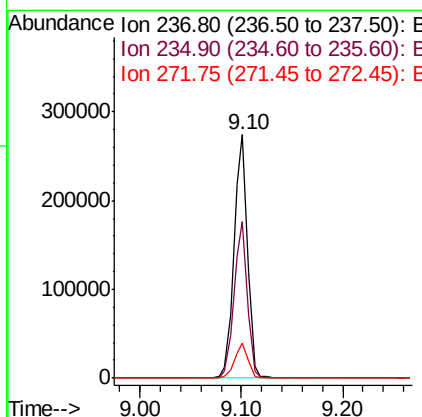
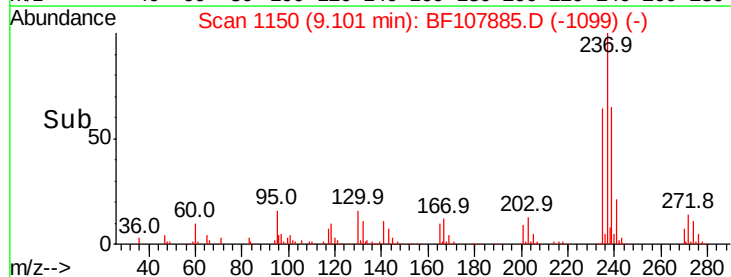
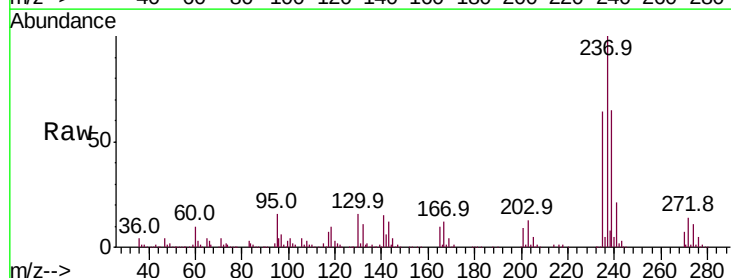
Manual Integrations
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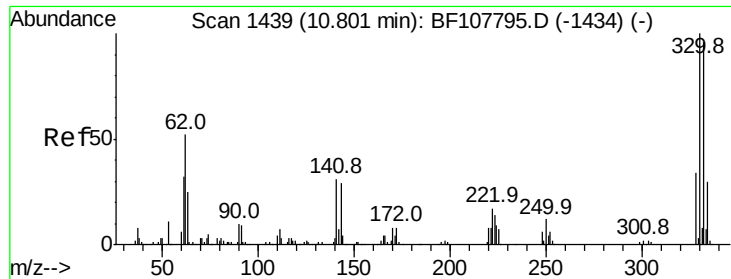
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 82.405 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	253677		
235	64.1	44.8	84.8	
272	14.4	0.0	33.3	





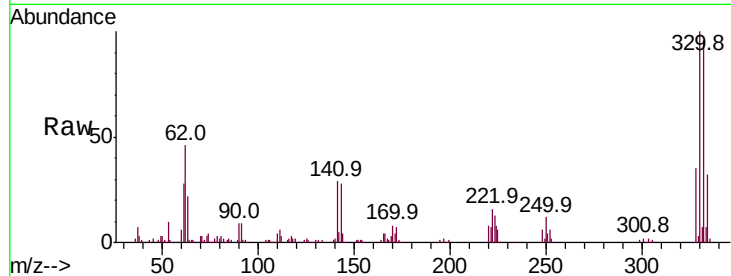
#41
 2,4,6-Tribromophenol
 Concen: 112.903 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

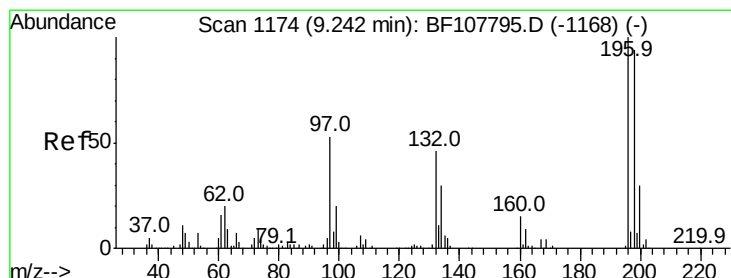
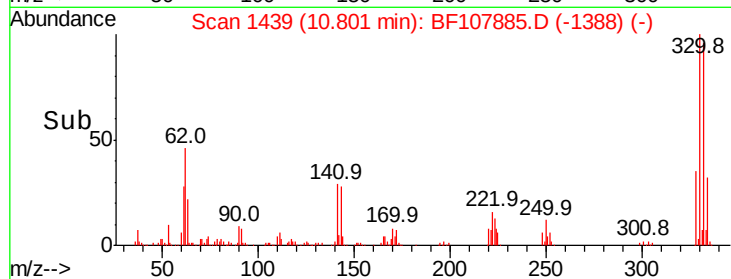
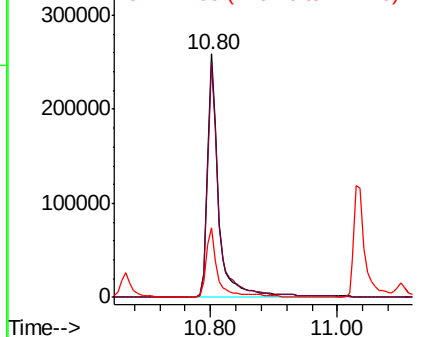
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	28.3	29.9	44.9	

Manual Integrations
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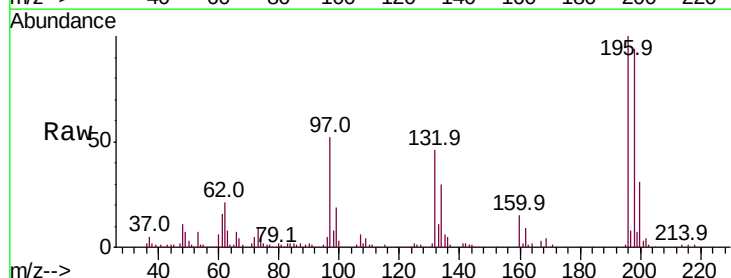


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

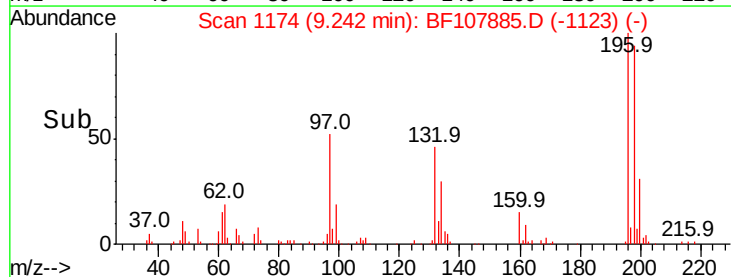
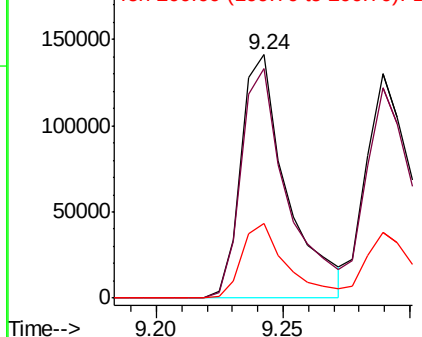


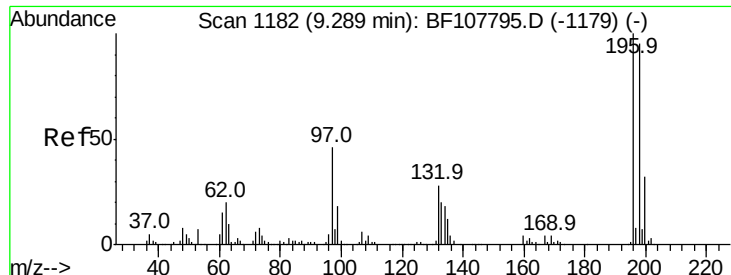
#42
 2,4,6-Trichlorophenol
 Concen: 45.355 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.5	75.7	113.5	
200	30.8	24.5	36.7	



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





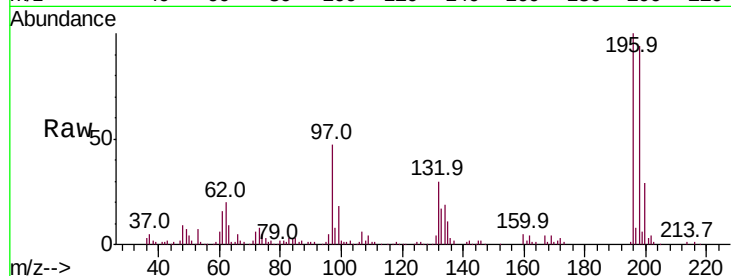
#43
2,4,5-Trichlorophenol
Concen: 43.001 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	204058		
198	94.0	74.6	112.0	
97	47.4	42.9	64.3	
132	29.9	26.3	39.5	

Manual Integrations
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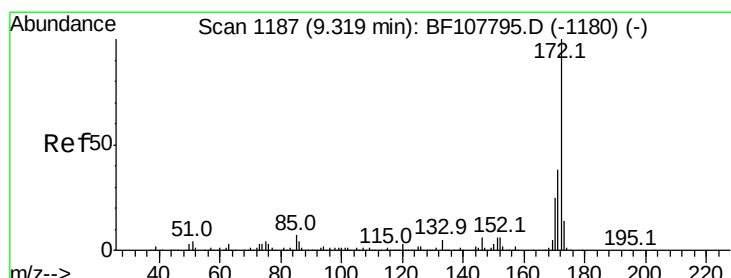
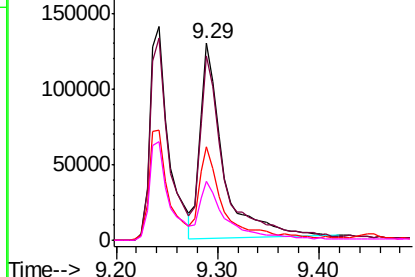
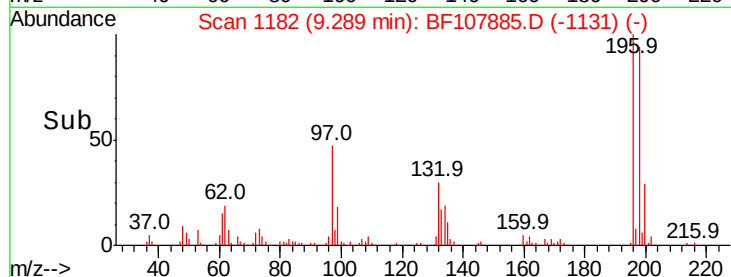
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

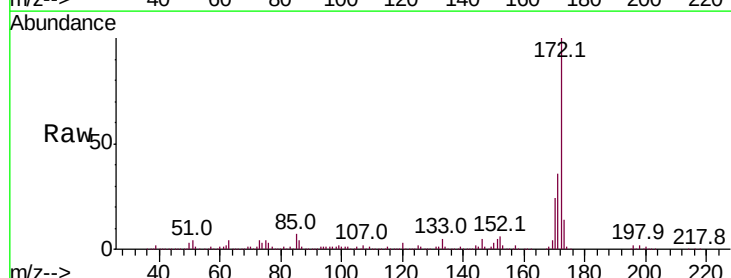
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 87.206 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1308726		
171	35.9	29.7	44.5	
170	23.9	19.6	29.4	

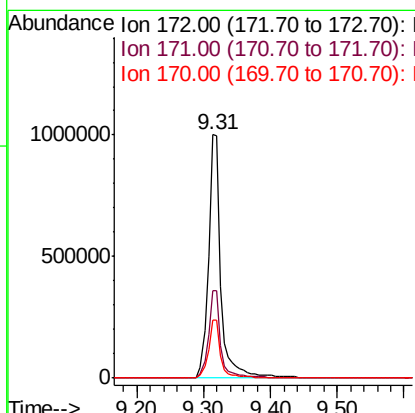
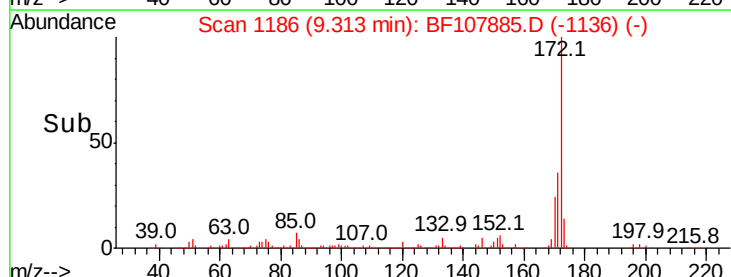


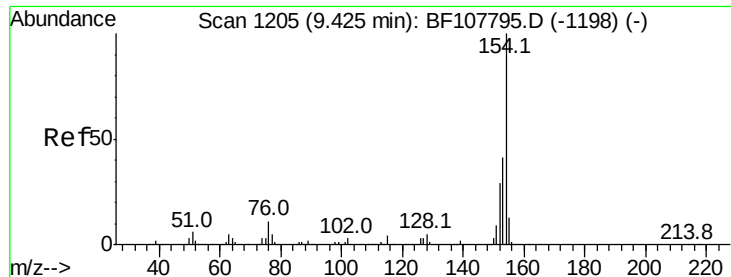
Abundance

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: 45.262 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

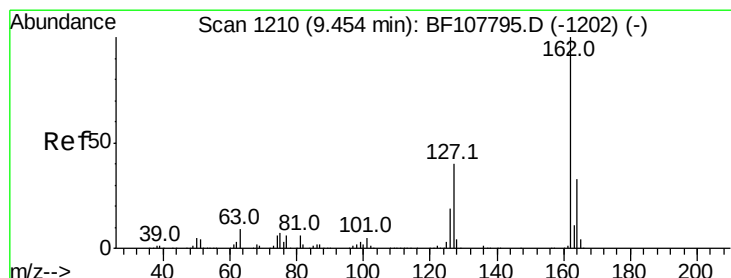
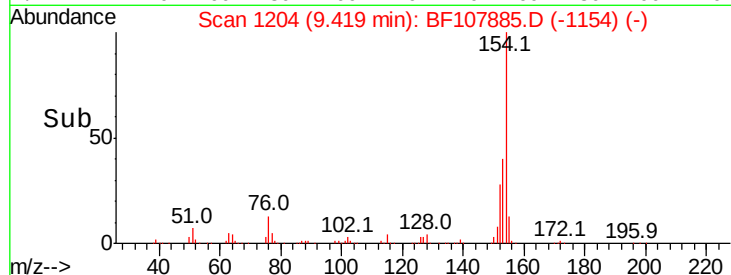
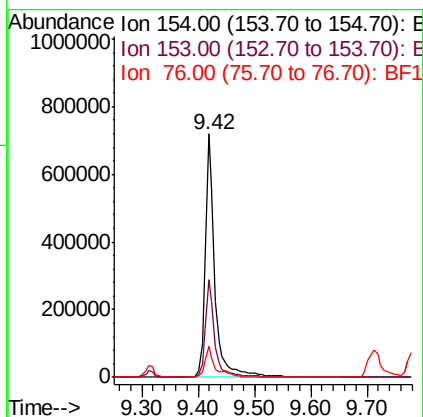
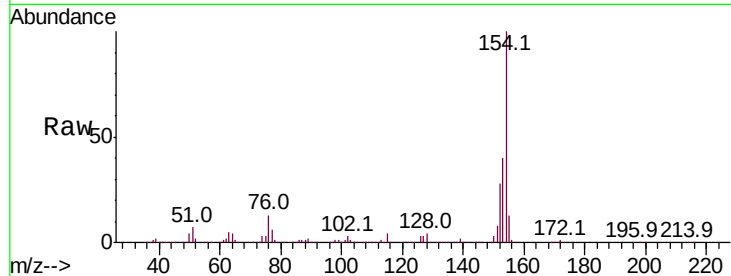
ClientSampleId :

PB111656BS

Tot Ion:	154	Resp:	861415
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	12.7	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 44.505 ng

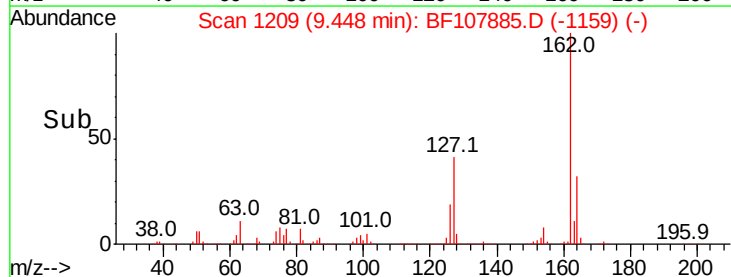
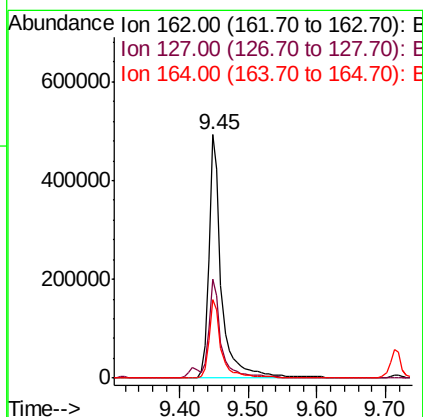
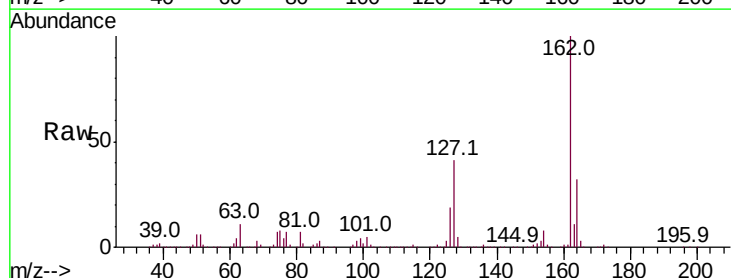
RT: 9.45 min Scan# 1209

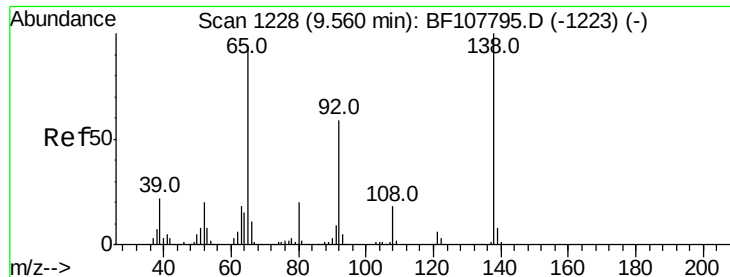
Delta R.T. -0.01 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Tgt Ion:	162	Resp:	638726
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	32.4	26.5	39.7





#47

2-Nitroaniline

Concen: 43.147 ng

RT: 9.56 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

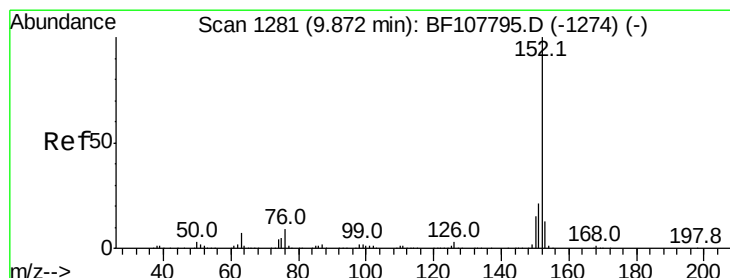
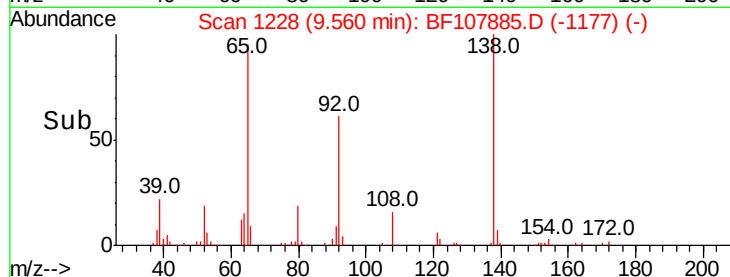
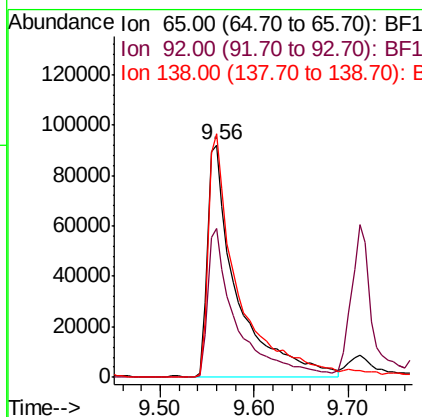
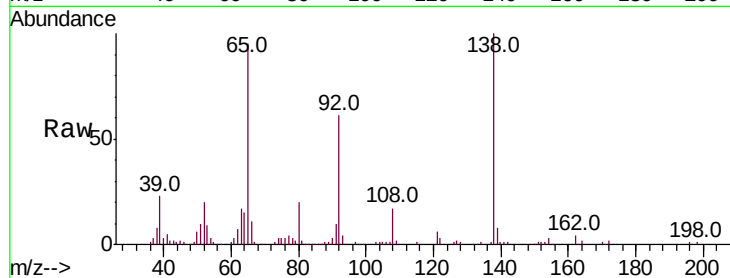
ClientSampleId :

PB111656BS

Tot Ion	65	Resp	201423
Ion	Ratio	Lower	Upper
65	100		
92	63.9	55.8	83.6
138	104.8	91.2	136.8

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#48

Acenaphthylene

Concen: 46.251 ng

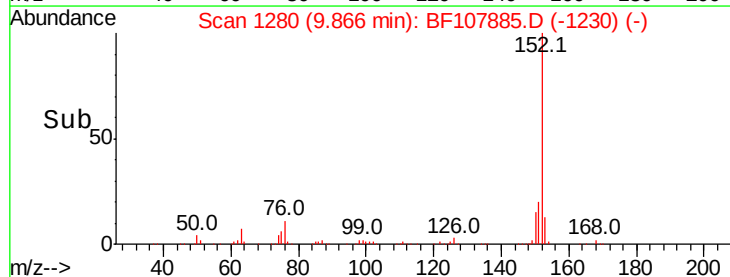
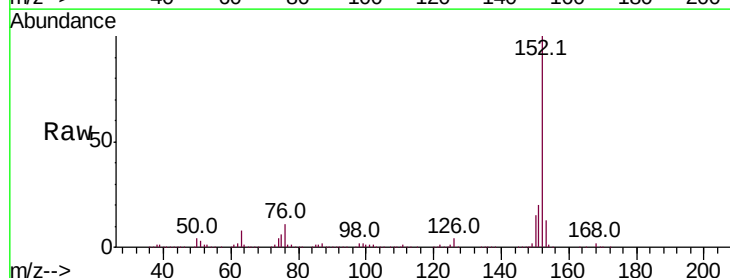
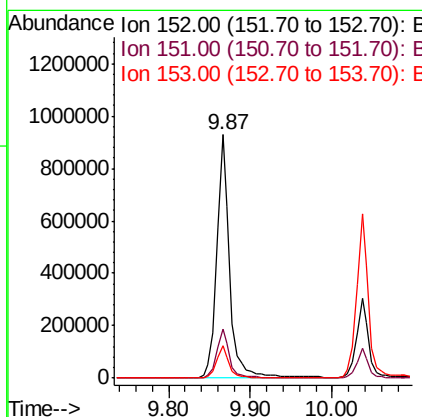
RT: 9.87 min Scan# 1280

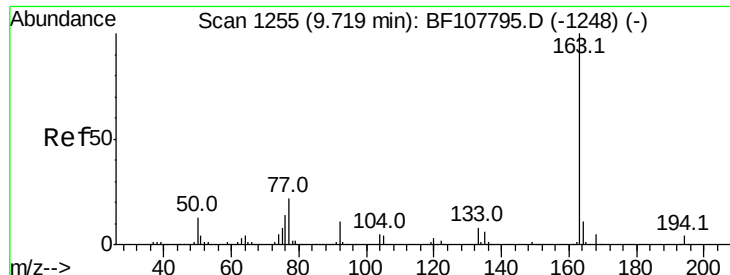
Delta R.T. -0.01 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Tgt Ion	152	Resp	1029061
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.2	10.7	16.1





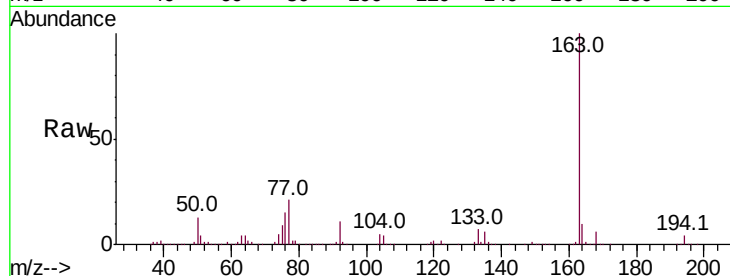
#49
Dimethylphthalate
Concen: 42.835 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

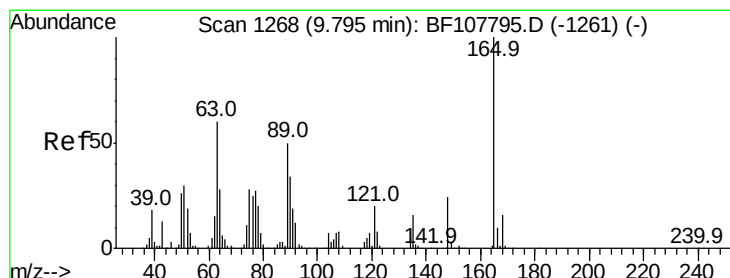
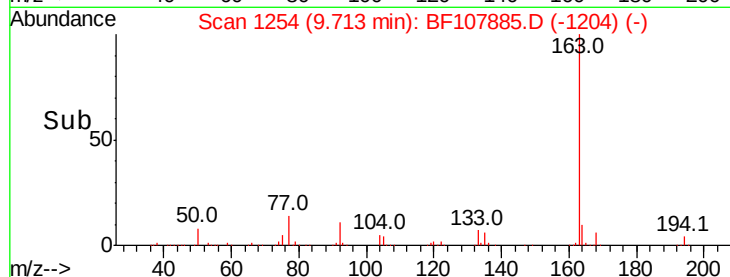
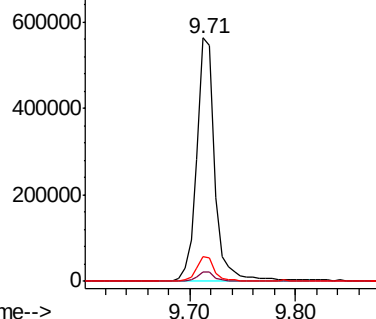
Tot Ion	Ratio	Resp	Lower	Upper
163	100	672745		
194	3.7		2.7	4.1
164	10.4		8.2	12.2

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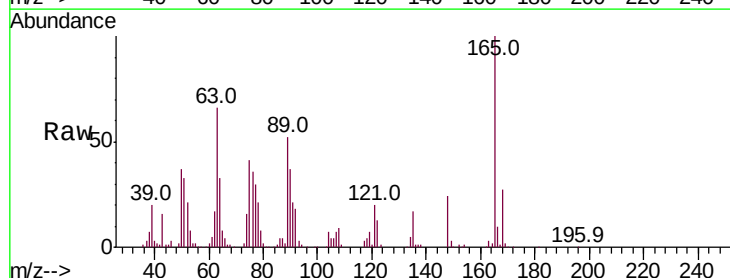


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

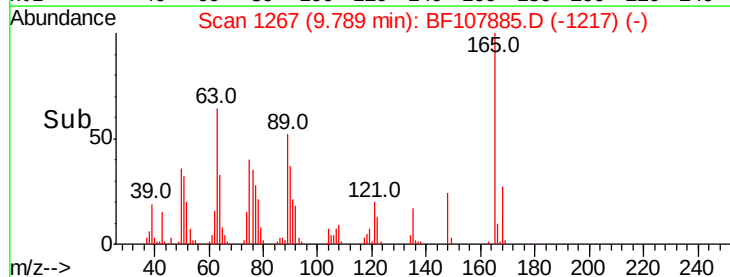
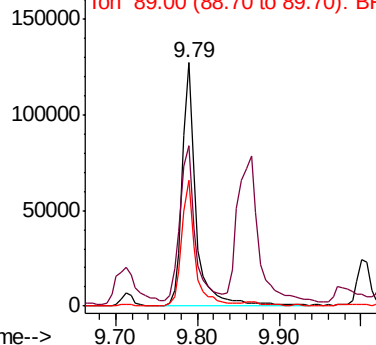


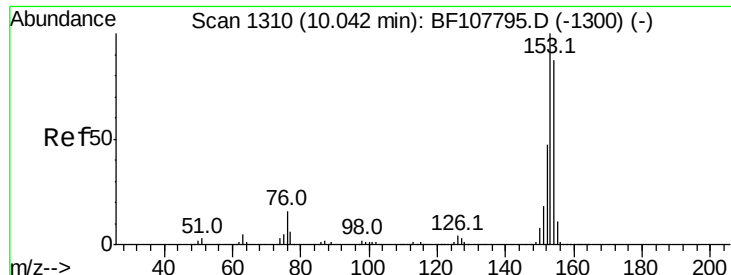
#50
2,6-Dinitrotoluene
Concen: 43.903 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149846		
63	65.8		44.7	67.1
89	51.7		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: 43.055 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

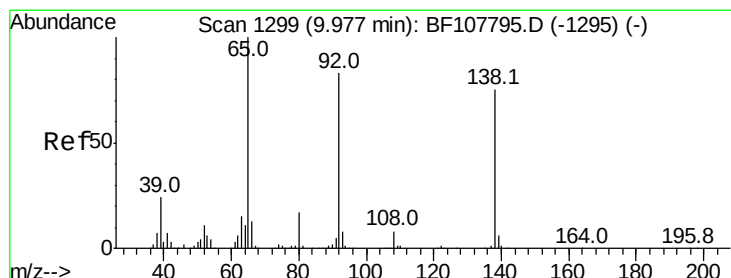
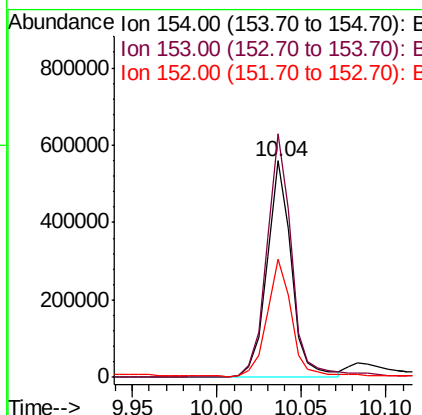
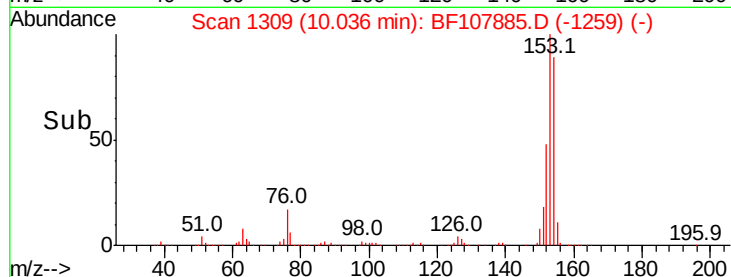
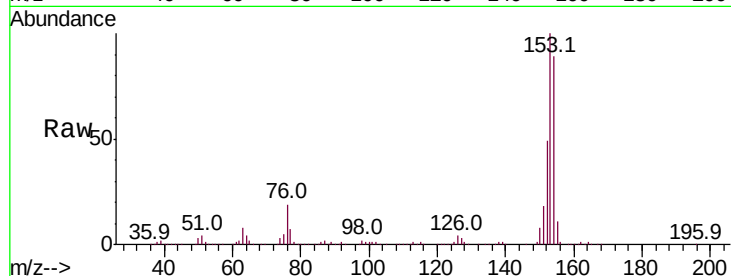
ClientSampleId :

PB111656BS

Tot Ion:	154	Resp:	556473
Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 27.174 ng

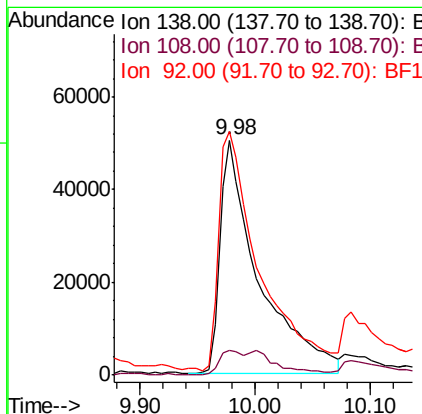
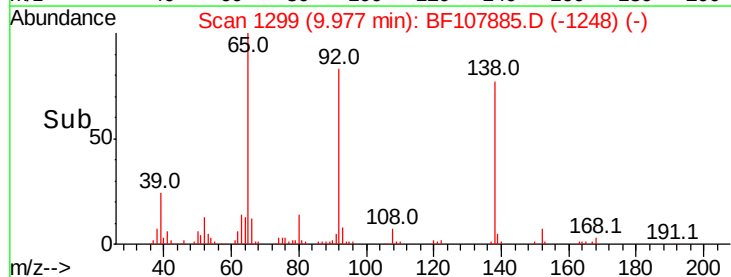
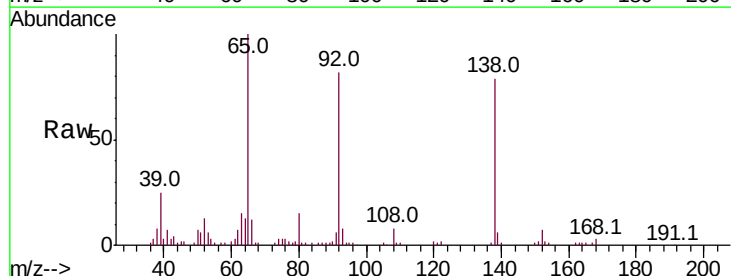
RT: 9.98 min Scan# 1299

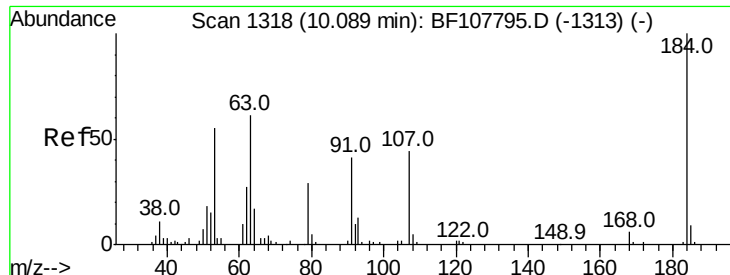
Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Tgt Ion:	138	Resp:	116874
Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	103.6	89.4	134.2





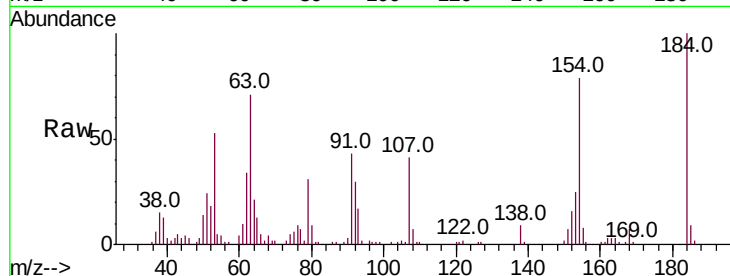
#53
 2,4-Dinitrophenol
 Concen: 70.229 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	124258		
63	71.1	54.2	81.2	
154	79.0	184.0	276.0	

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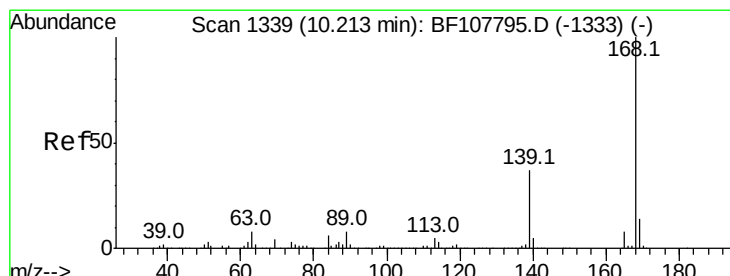
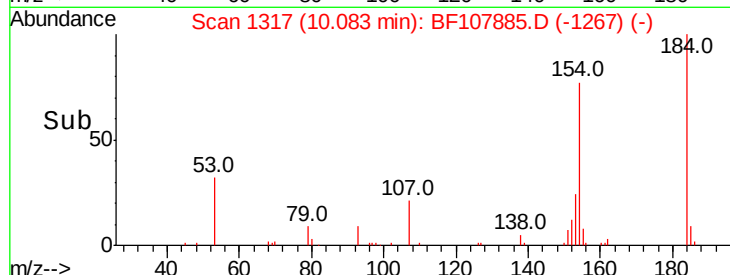
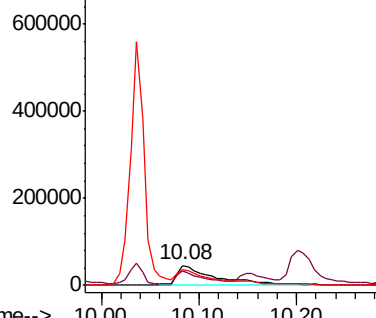


Abundance

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: 43.414 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

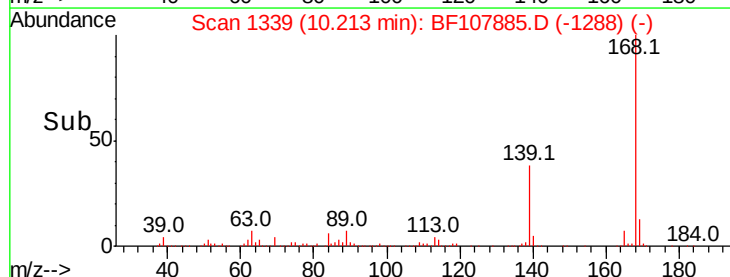
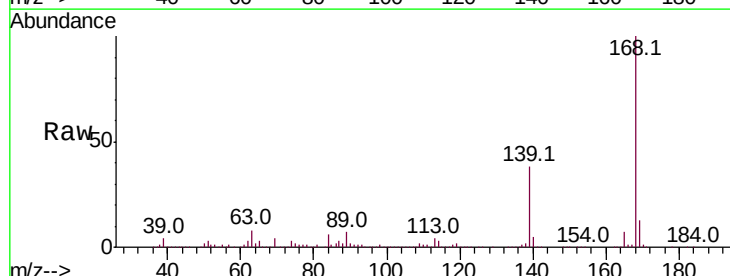
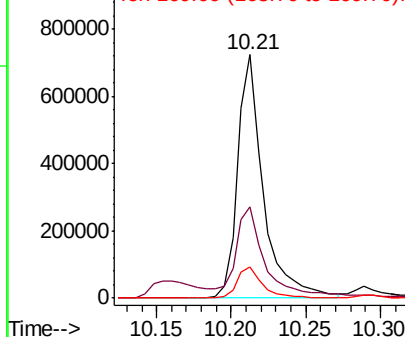
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	867267		
139	37.6	30.1	45.1	
169	12.9	10.9	16.3	

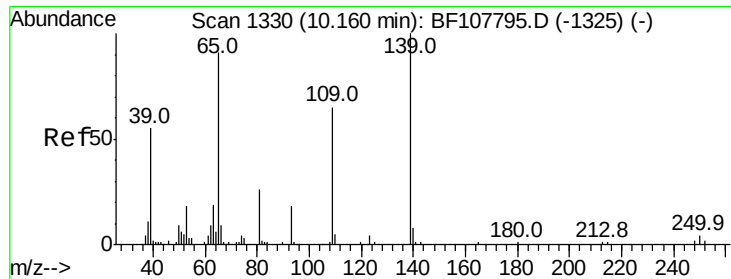
Abundance

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





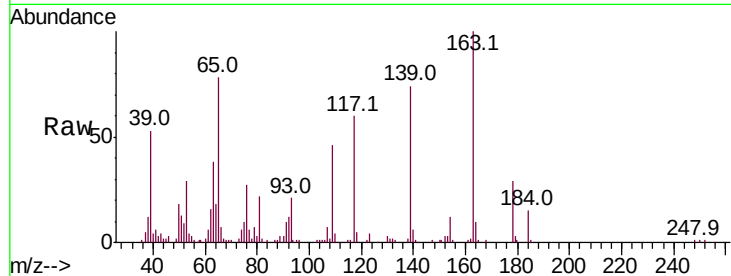
#55
4-Nitrophenol
Concen: 59.915 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.1	48.4	88.4	
65	106.5	72.6	112.6	

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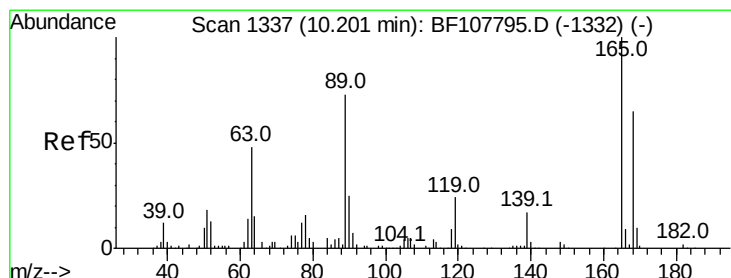
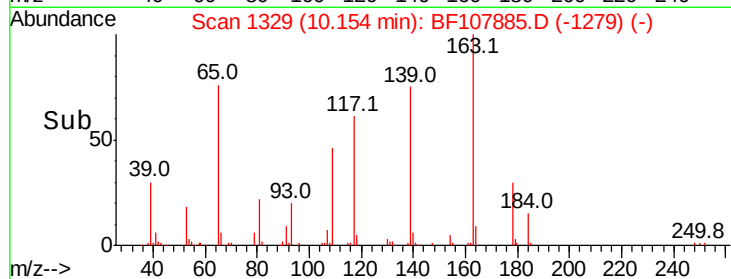
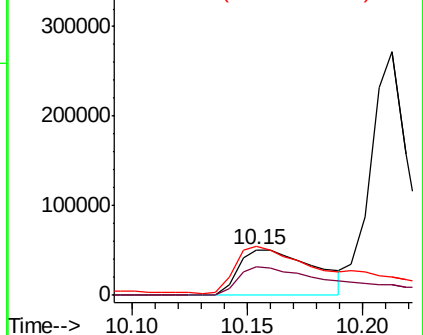


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 41.899 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.9	36.4	54.6	
89	71.8	57.8	86.6	
182	2.2	1.6	2.4	

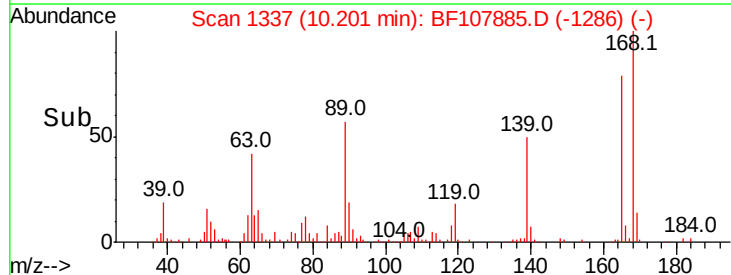
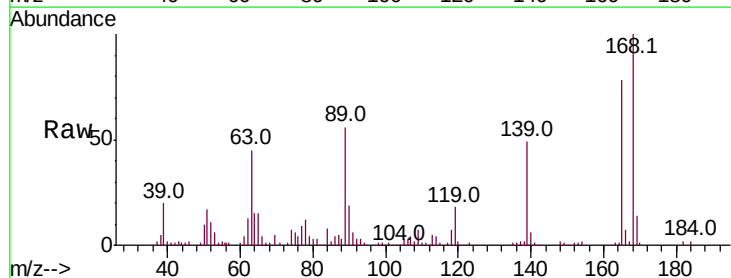
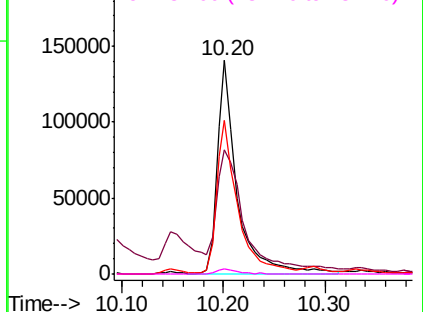
Abundance

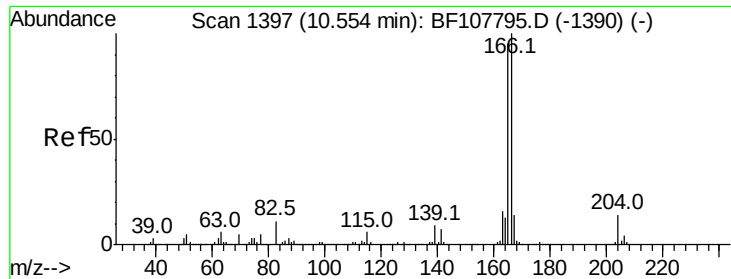
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





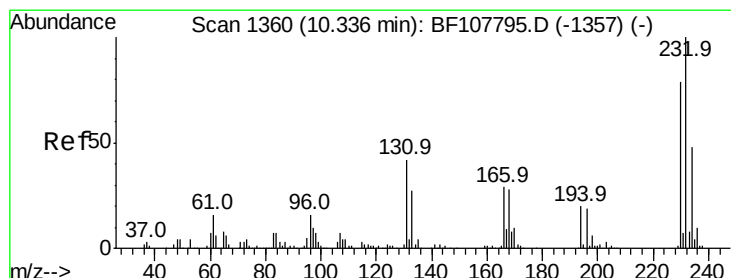
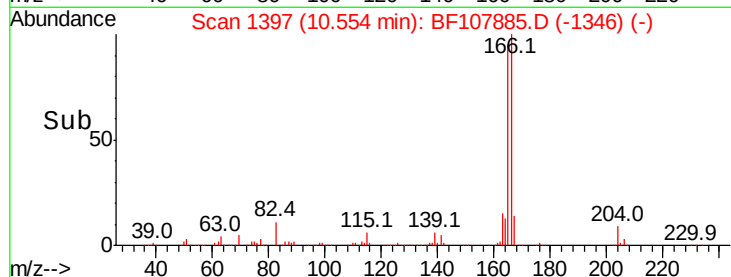
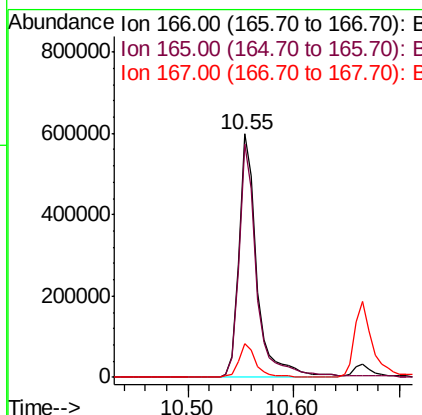
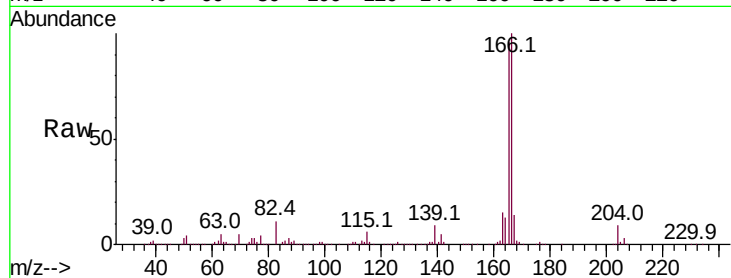
#57
 Fluorene
 Concen: 44.537 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	691447		
165	96.0		79.8	119.8
167	14.1		10.6	16.0

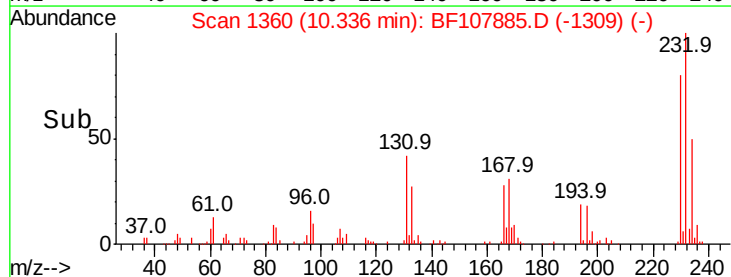
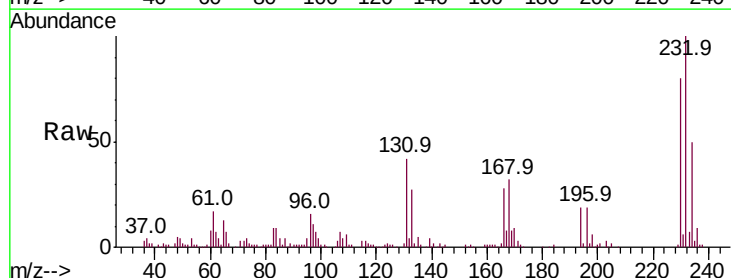
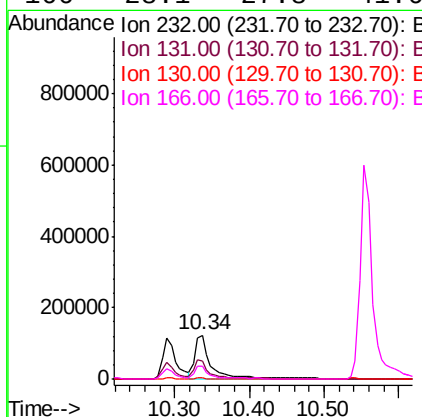
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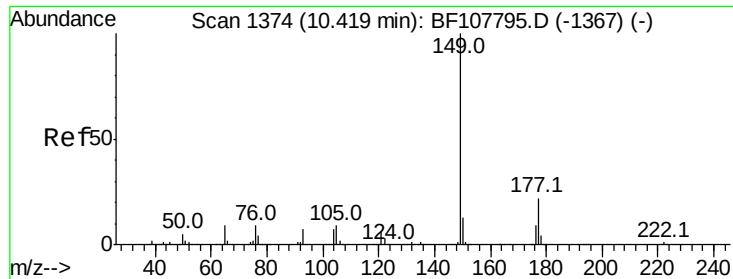
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.445 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	185000		
131	36.3		43.8	65.8#
130	1.8		2.1	3.1#
166	28.1		27.8	41.6





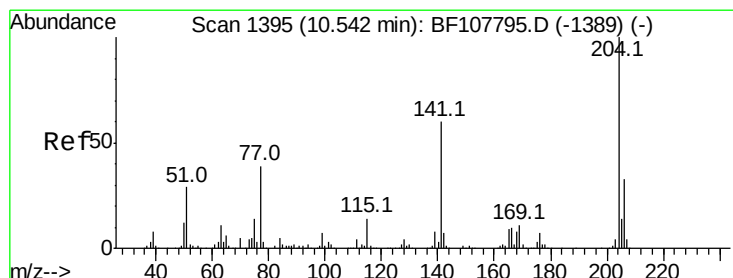
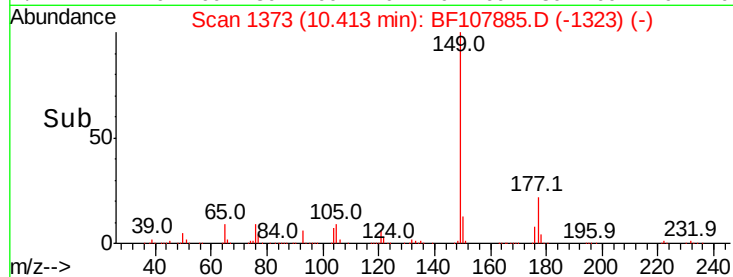
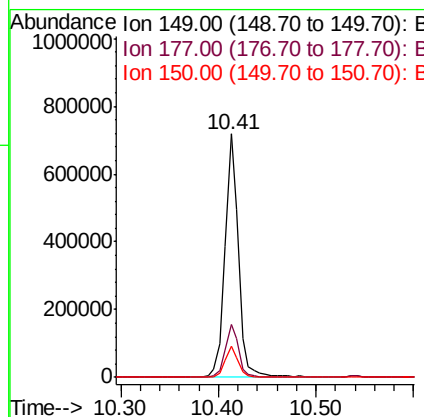
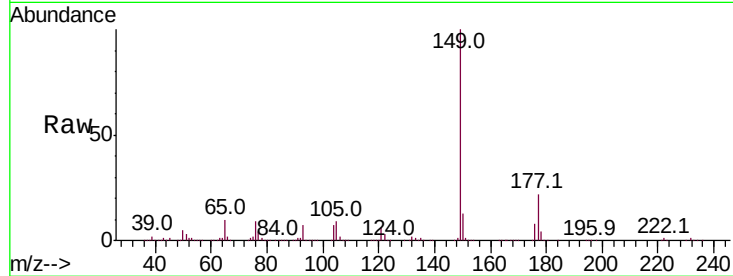
#59
Diethylphthalate
Concen: 41.001 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampled :
PB111656BS

Tot Ion:	149	Resp:	692349
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.1	24.1
150	12.7	10.1	15.1

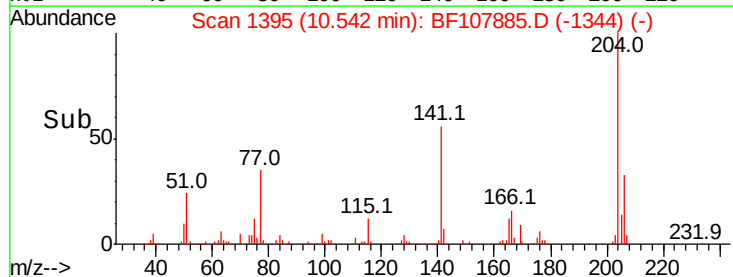
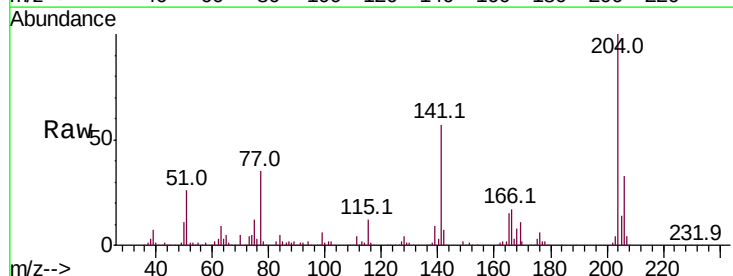
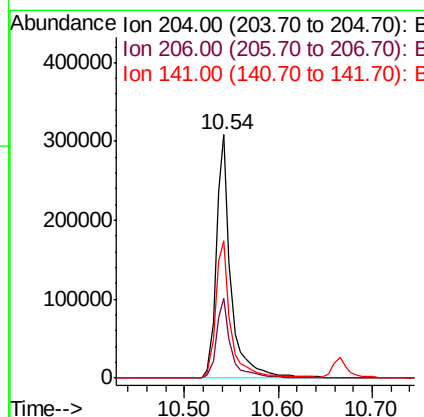
Manual Integrations
APPROVED

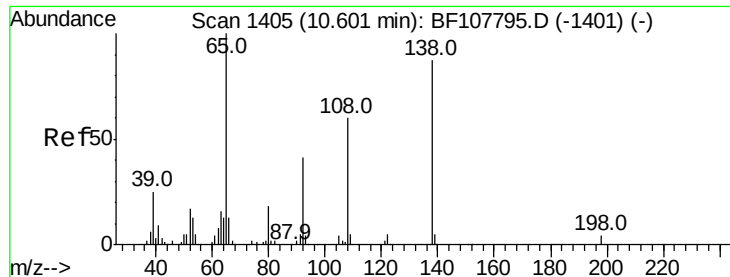
Sohil
8/2/2018 9:16:57 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.358 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion:	204	Resp:	341326
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	56.6	54.6	81.8





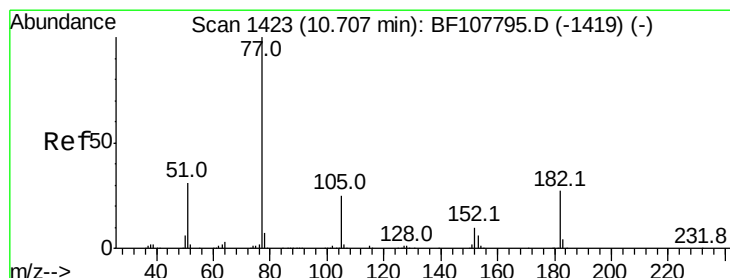
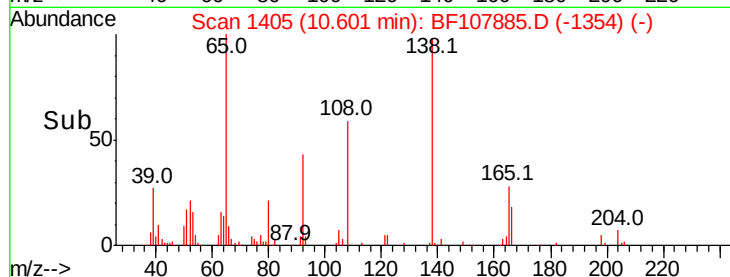
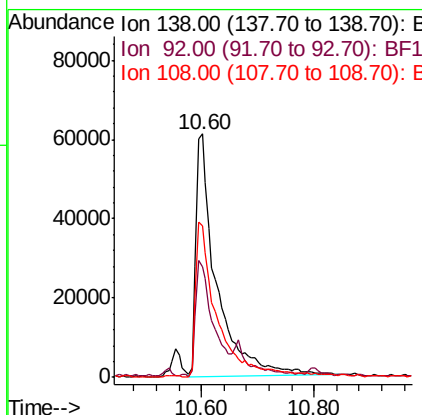
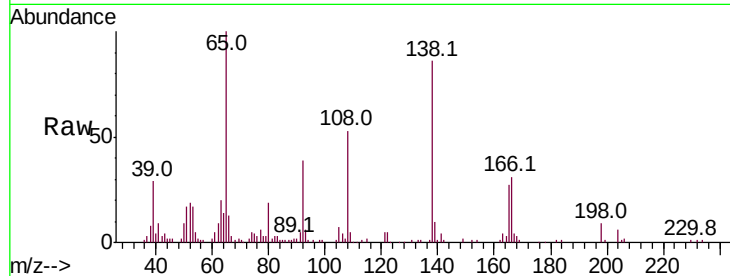
#61
4-Nitroaniline
Concen: 40.067 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	45.1	30.2	70.2	
108	62.5	52.5	92.5	

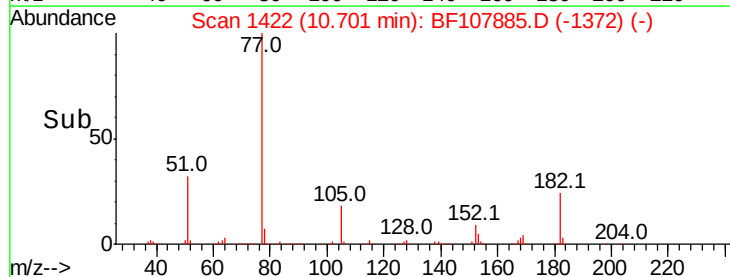
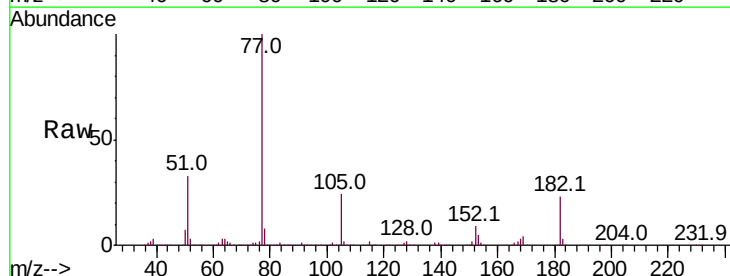
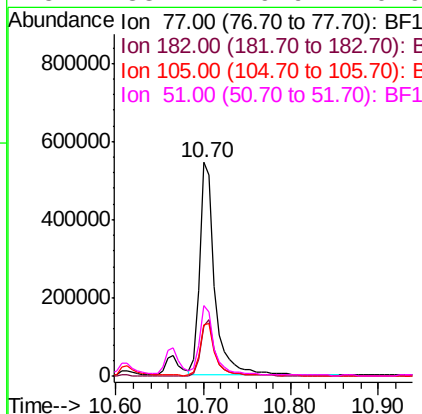
Manual Integrations
APPROVED

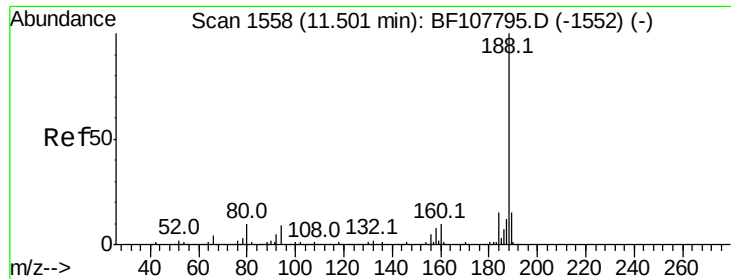
Sohil
8/2/2018 9:16:57 AM



#62
Azobenzene
Concen: 41.754 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.5	1.7	41.7	
105	23.7	3.0	43.0	
51	33.2	9.9	49.9	





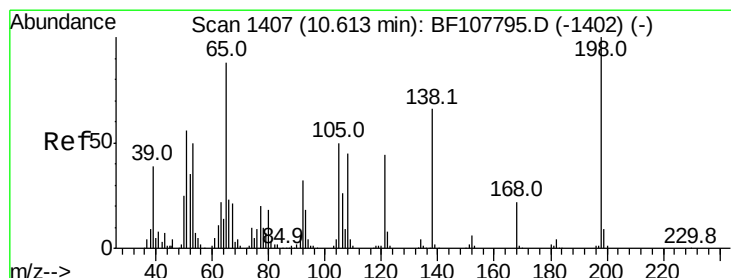
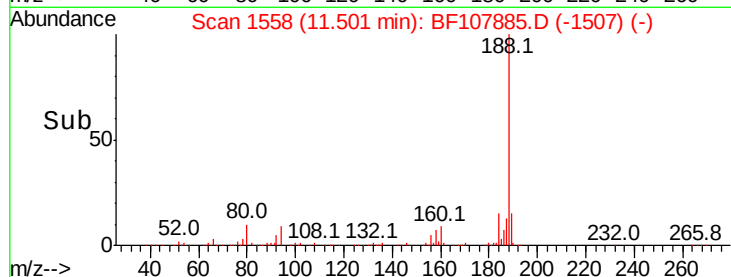
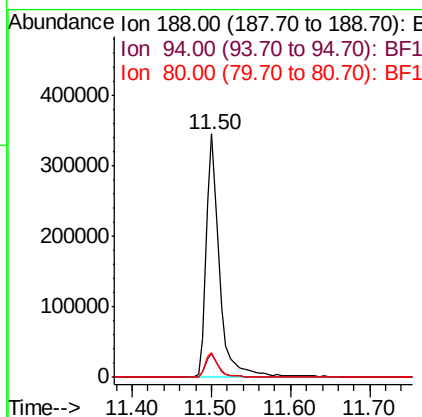
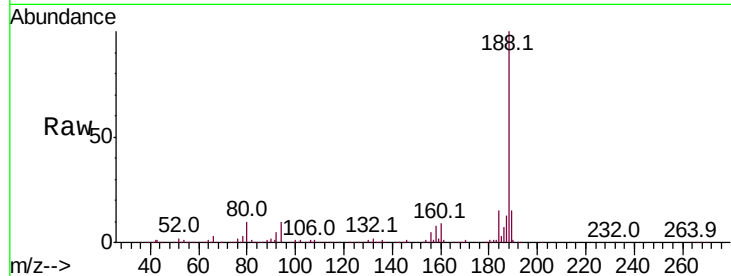
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	8.5	12.7	
80	10.2	9.2	13.8	

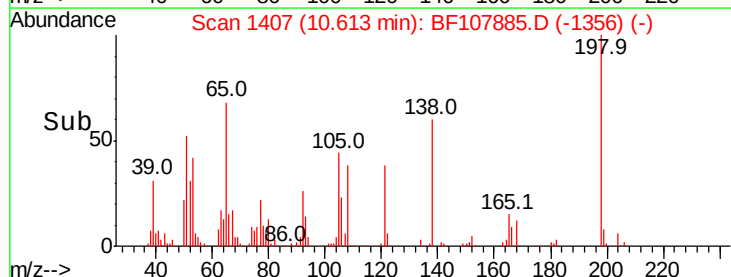
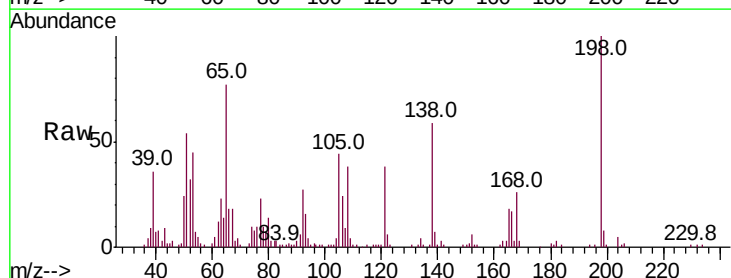
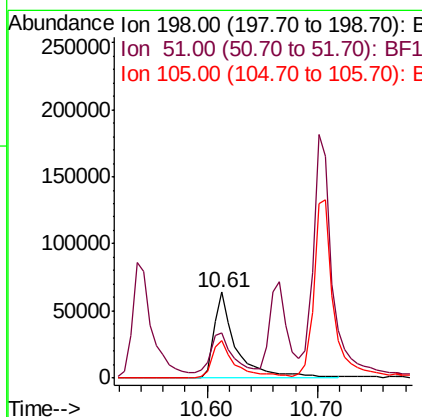
Manual Integrations
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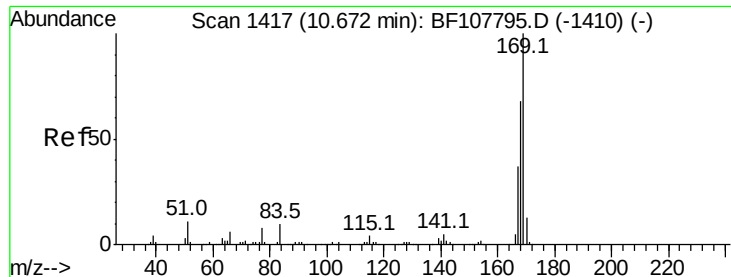
Sohil
8/2/2018 9:16:57 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.786 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	53.6	37.7	77.7	
105	43.5	36.3	76.3	





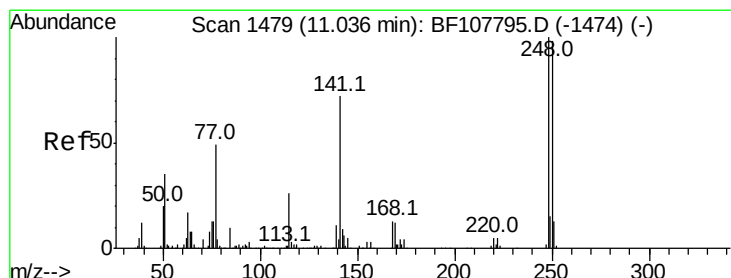
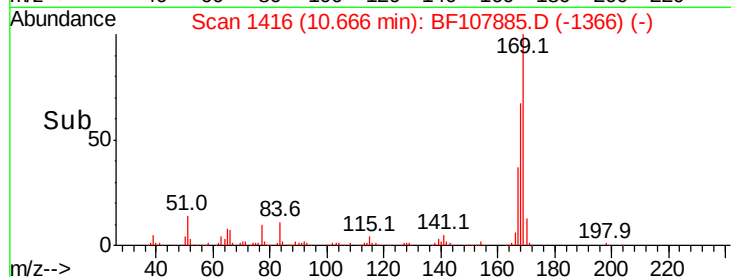
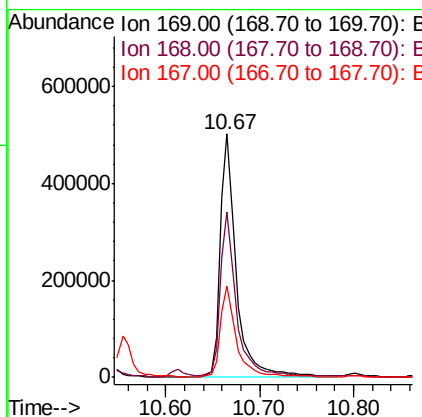
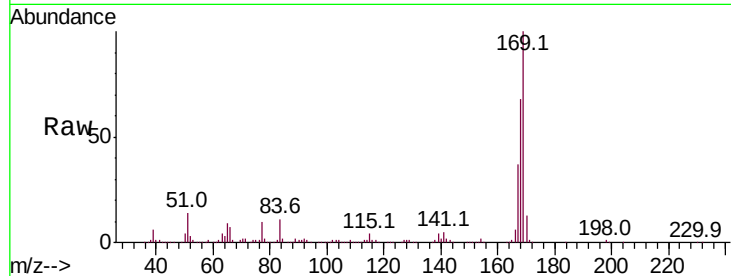
#65
n-Nitrosodiphenylamine
Concen: 44.572 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.2	54.4	81.6	
167	37.5	29.8	44.6	

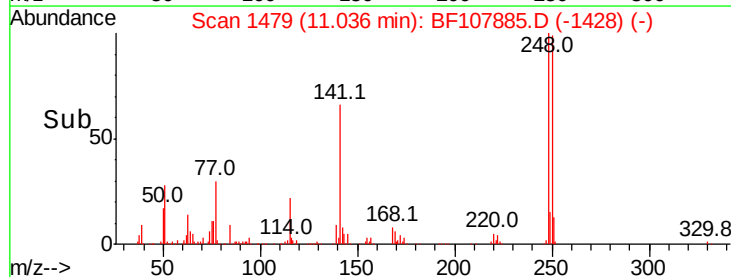
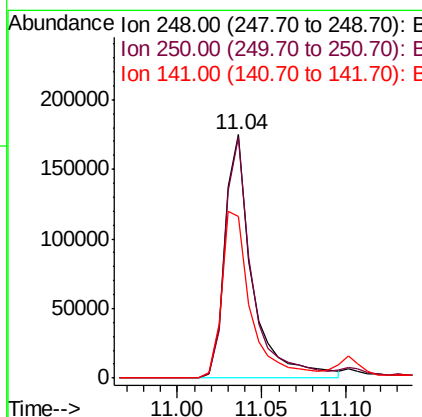
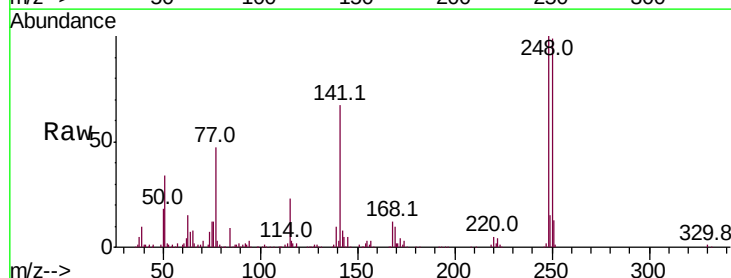
Manual Integrations
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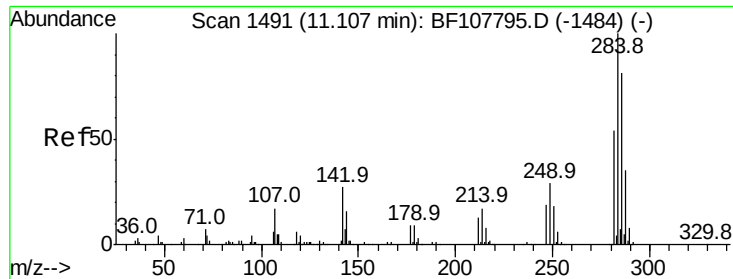
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.673 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.8	76.9	115.3	
141	66.7	74.4	111.6#	





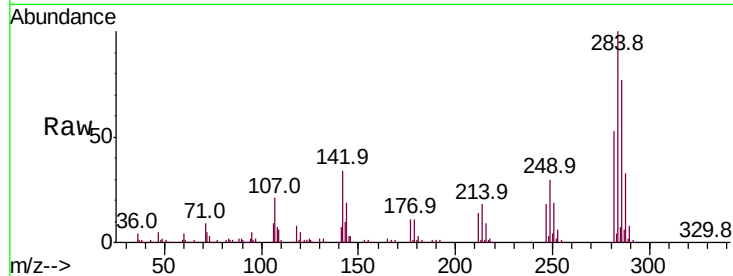
#67
Hexachlorobenzene
Concen: 42.100 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	221737		
142	34.2	34.6	52.0#	
249	29.7	24.8	37.2	

Manual Integrations
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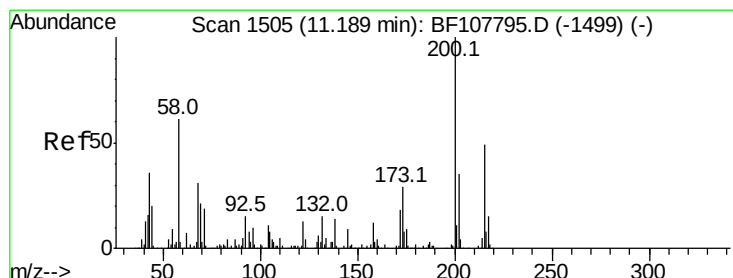
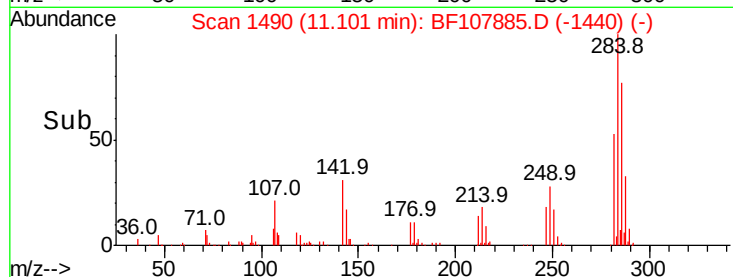
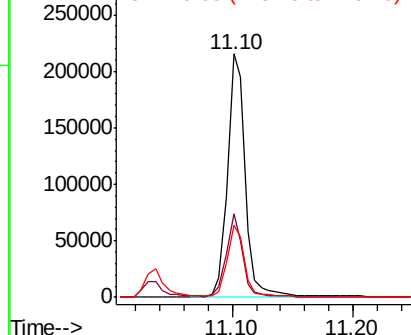


Abundance

Ion 283.80 (283.50 to 284.50): E

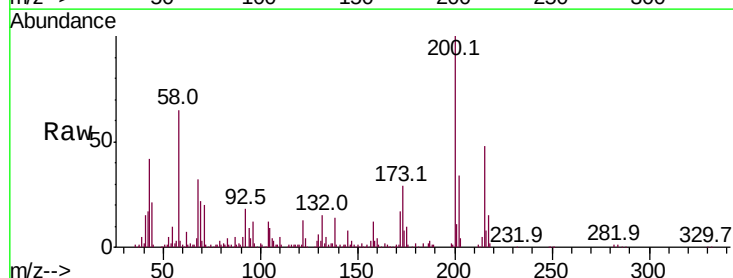
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 43.805 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	173961		
173	28.6	8.6	48.6	
215	48.3	25.1	65.1	

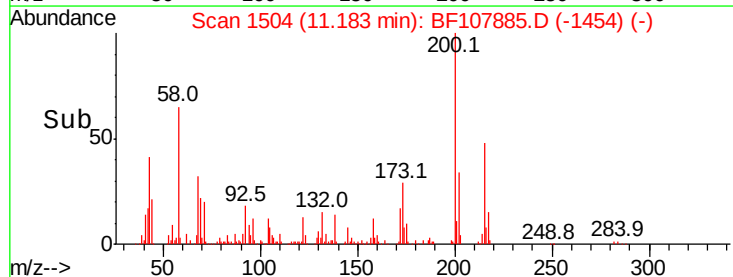
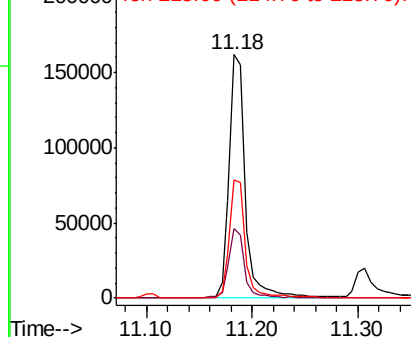


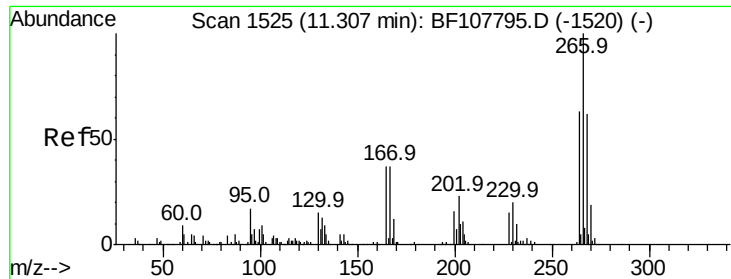
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





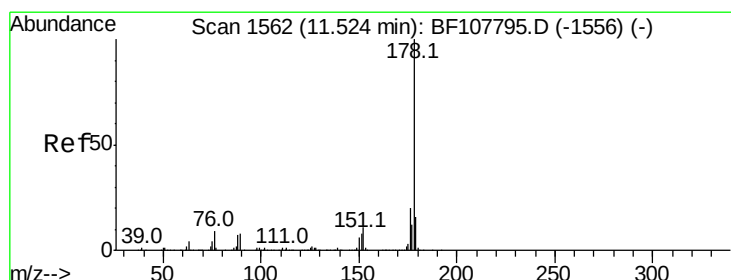
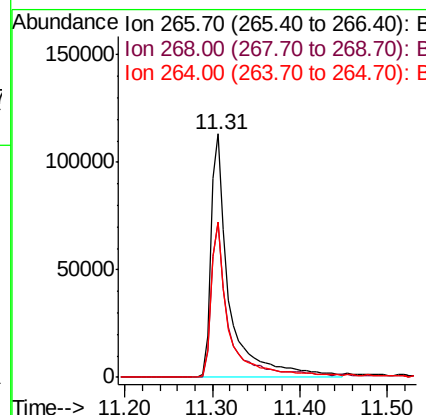
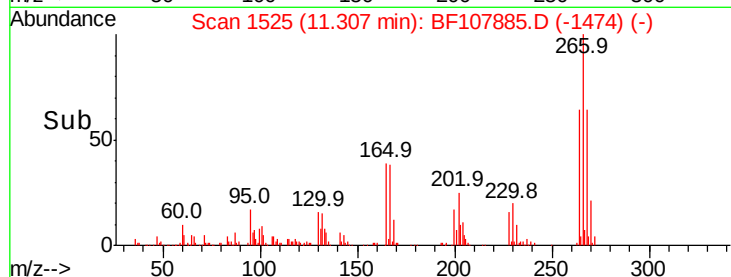
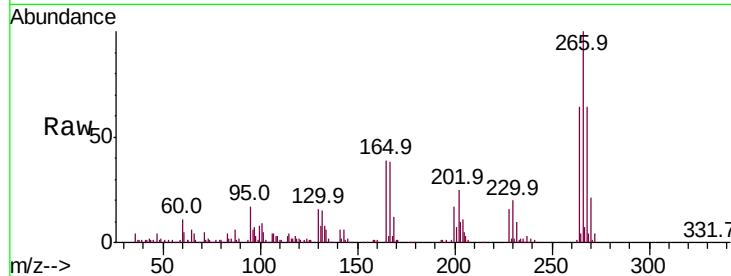
#69
 Pentachlorophenol
 Concen: 63.758 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	165307		
268	63.7	51.1	76.7	
264	63.7	49.5	74.3	

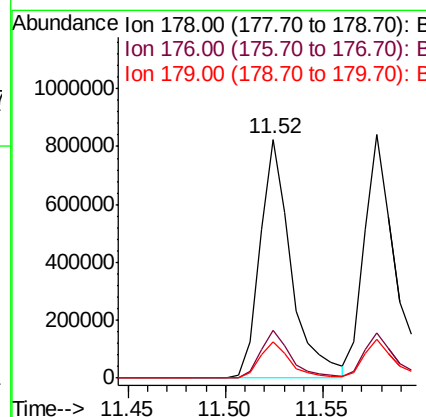
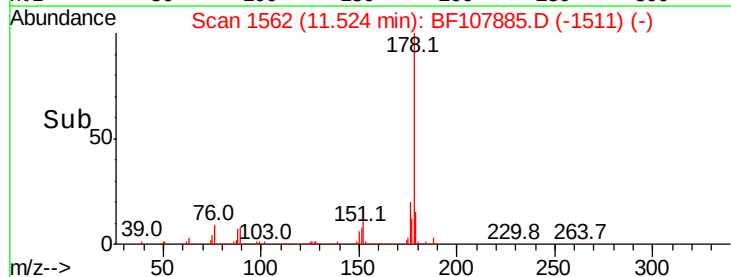
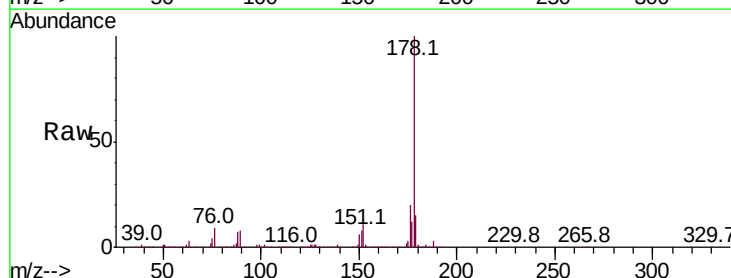
Manual Integrations
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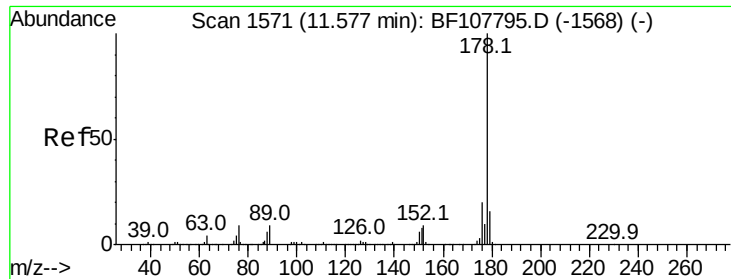
Sohil
 8/2/2018 9:16:57 AM



#70
 Phenanthrene
 Concen: 47.020 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	909800		
176	19.9	15.8	23.8	
179	15.1	13.0	19.6	





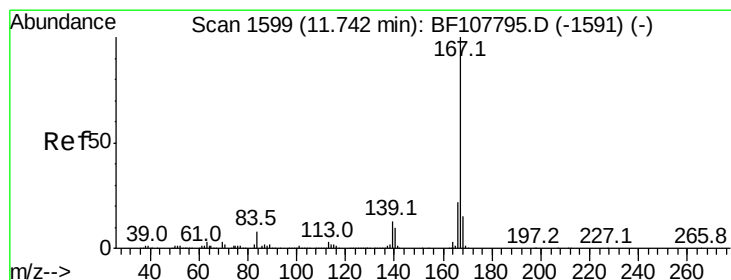
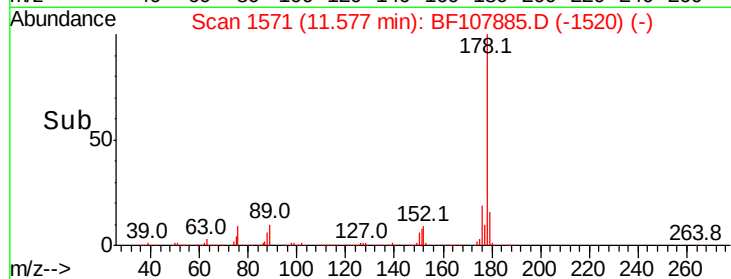
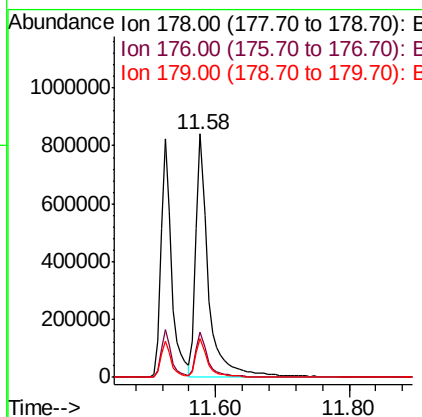
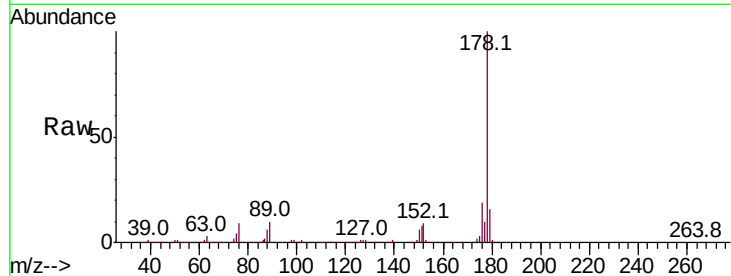
#71
 Anthracene
 Concen: 46.945 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 PB111656BS

Tot Ion:178 Resp: 1047713
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 16.0 12.6 19.0

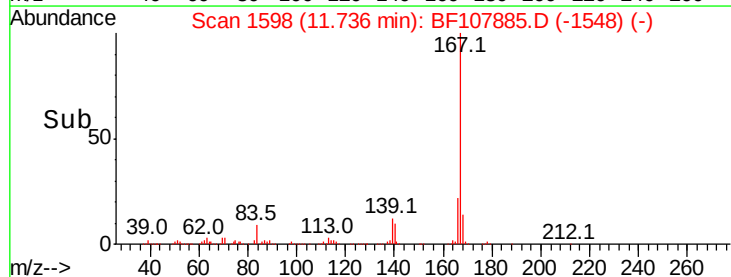
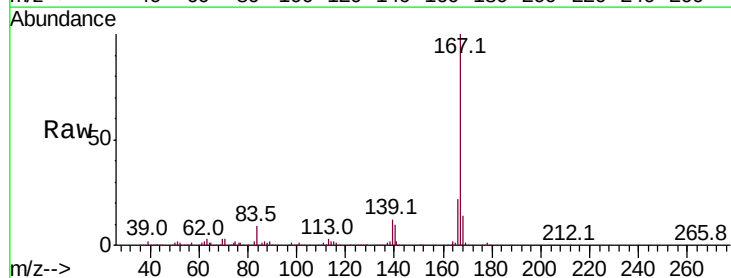
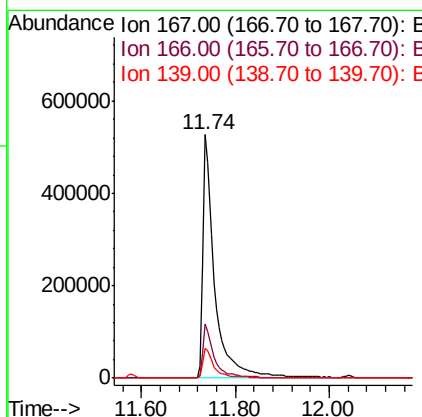
Manual Integrations
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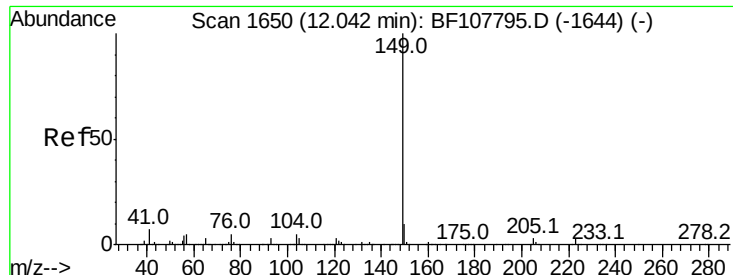
Sohil
 8/2/2018 9:16:57 AM



#72
 Carbazole
 Concen: 41.432 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion:167 Resp: 913800
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.660 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB111656BS

Tot Ion:149 Resp: 1050523

Ion Ratio Lower Upper

149 100

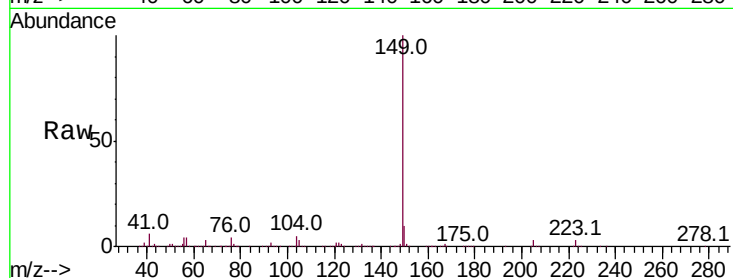
150 9.6 7.8 11.6

104 4.5 3.8 5.8

Manual Integrations
APPROVED

Sohil

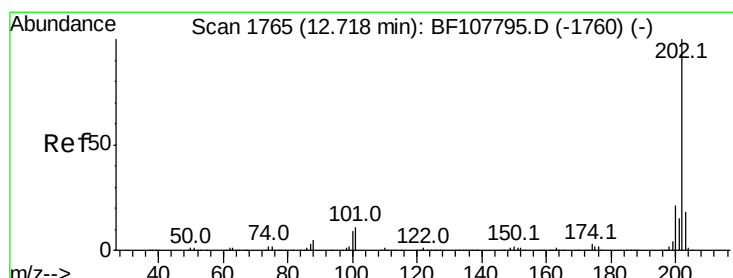
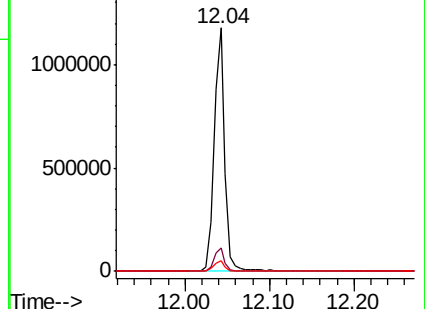
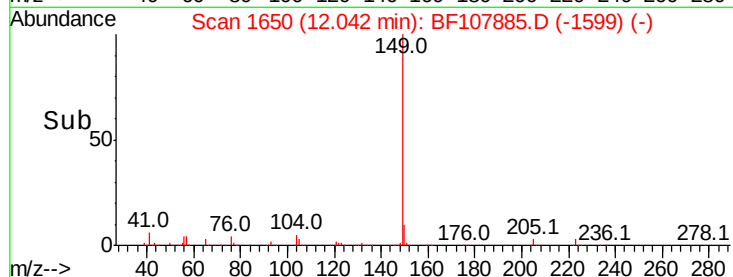
8/2/2018 9:16:57 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.742 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

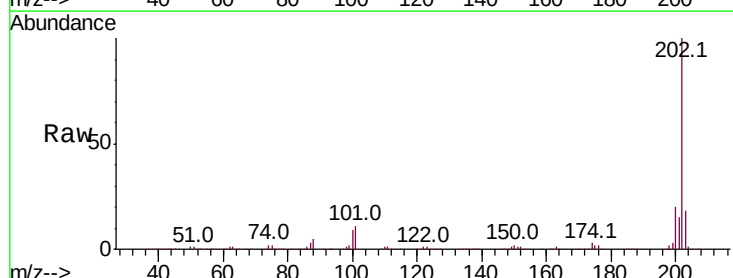
Tgt Ion:202 Resp: 994329

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

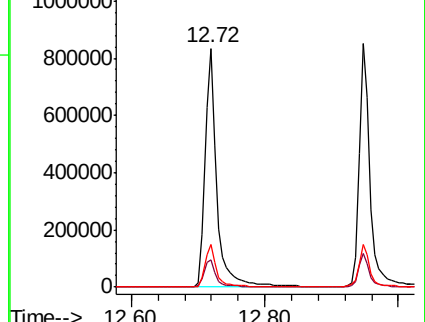
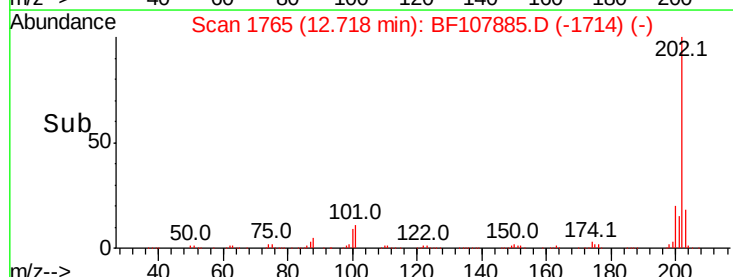
203 18.1 0.0 38.1

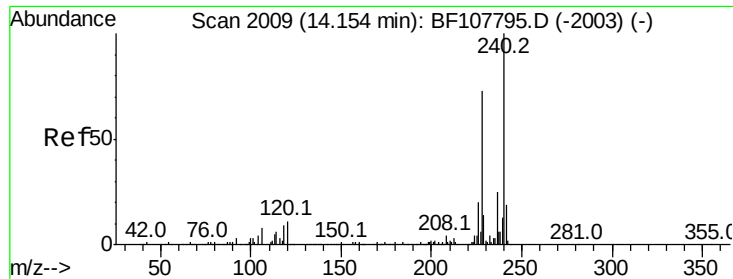


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





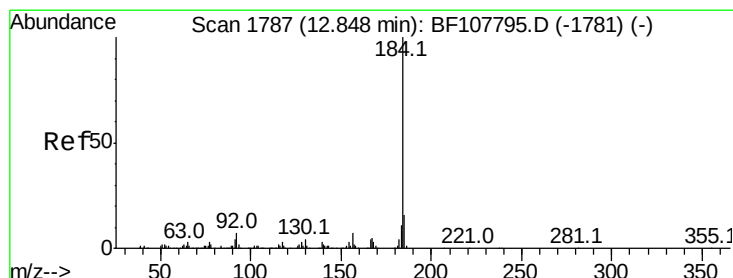
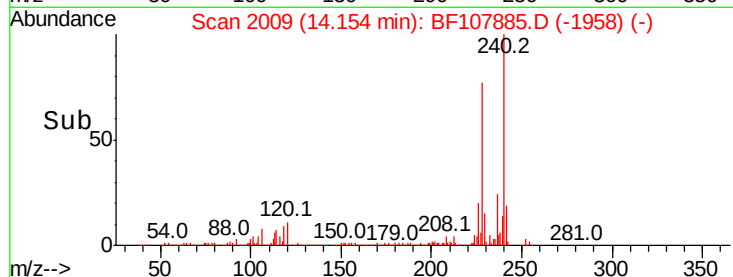
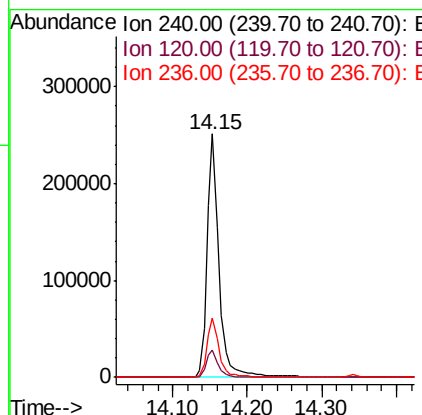
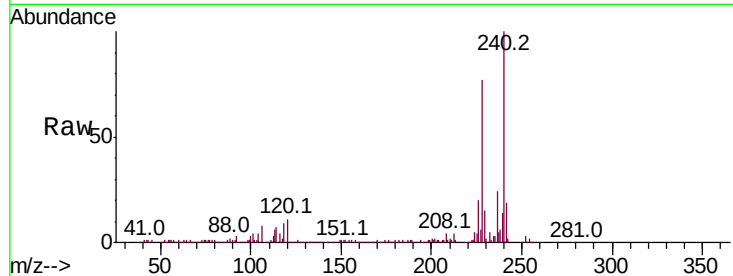
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	24.4	20.7	31.1

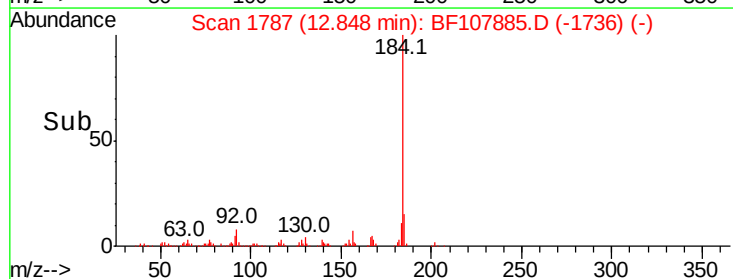
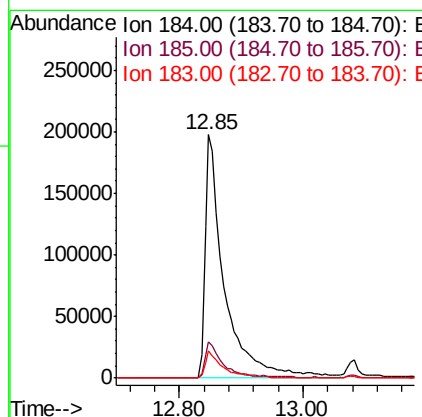
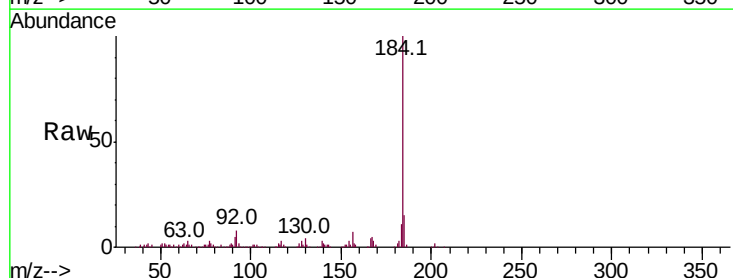
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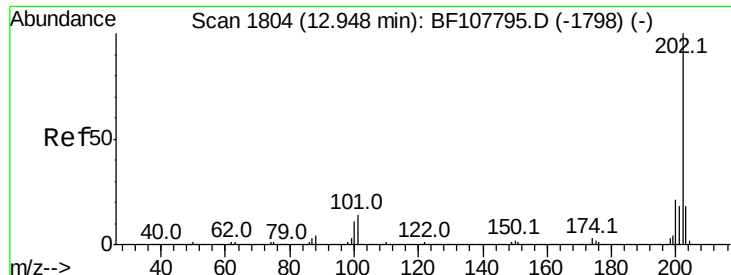
Sohil
8/2/2018 9:16:57 AM



#76
Benzidine
Concen: 47.440 ng
RT: 12.85 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.0	9.3	13.9





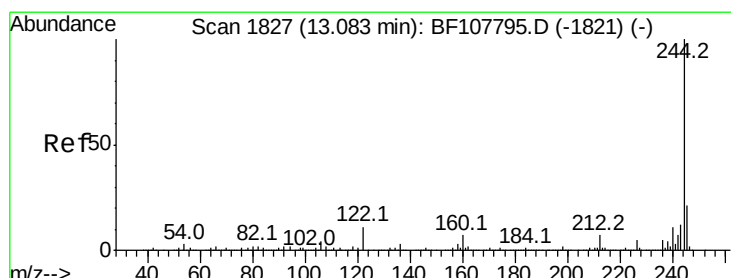
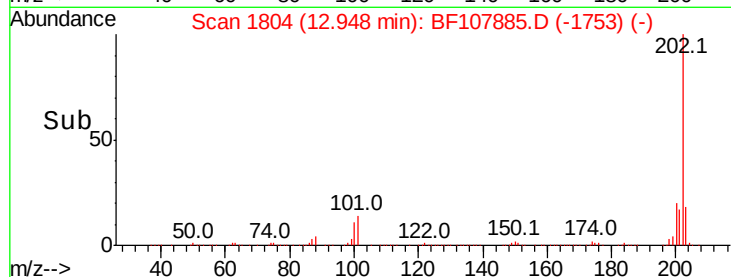
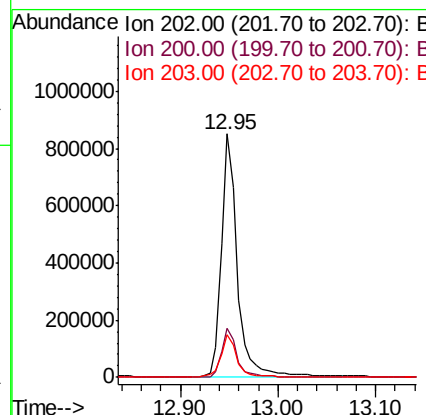
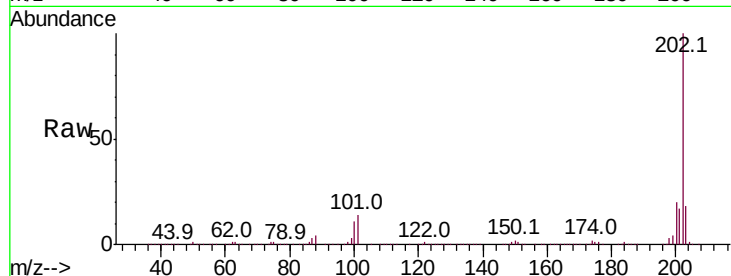
#77
 Pvrene
 Concen: 47.484 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.1	17.4	26.2	
203	17.7	14.3	21.5	

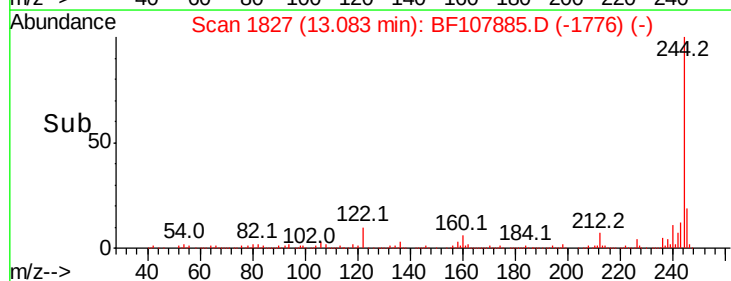
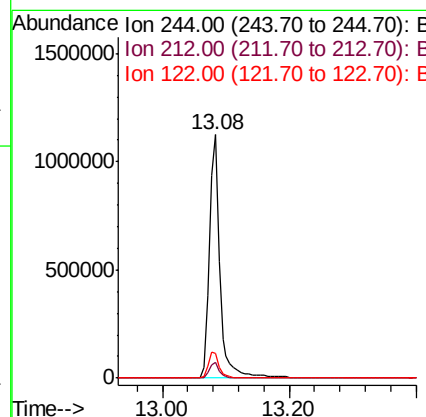
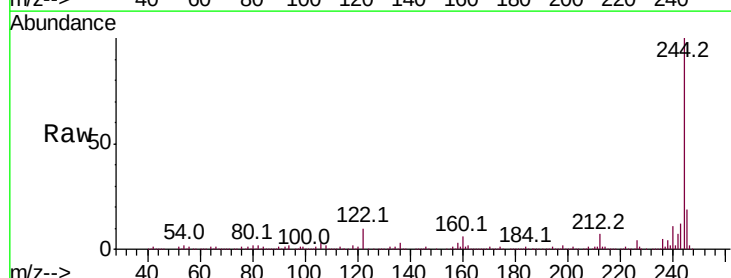
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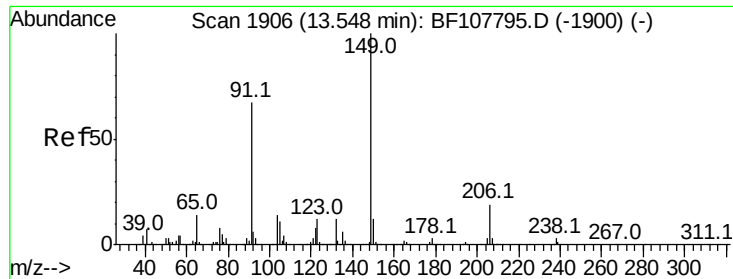
Sohil
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#78
 Terphenyl-d14
 Concen: 99.143 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.4	8.0	
122	10.4	11.0	16.4	





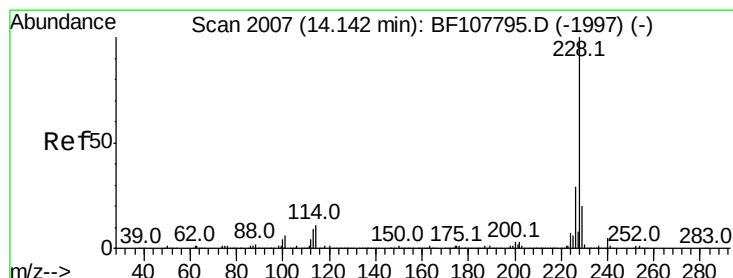
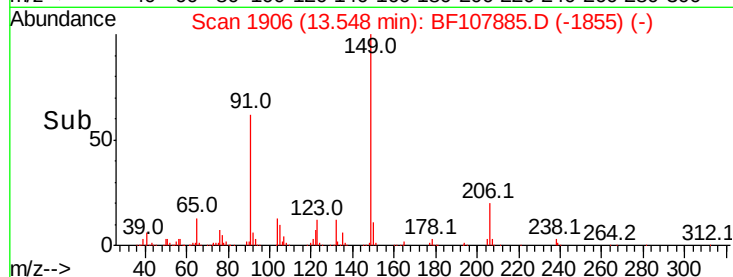
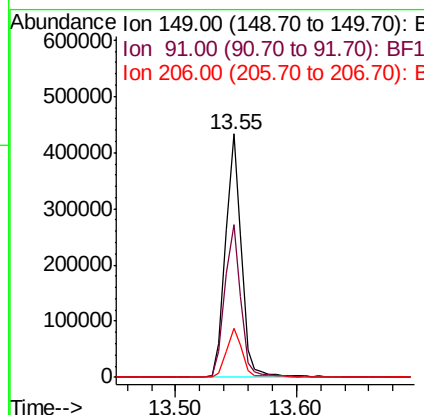
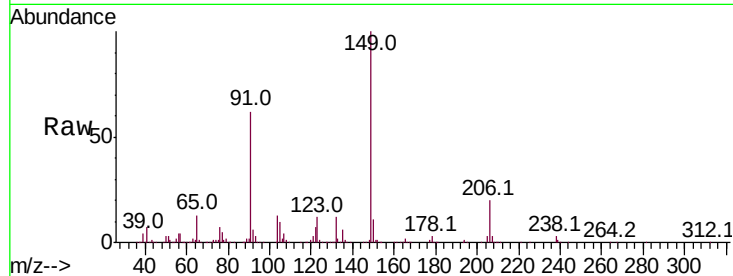
#79
Butylbenzylphthalate
Concen: 44.339 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	62.5	56.8	85.2	
206	20.0	14.1	21.1	

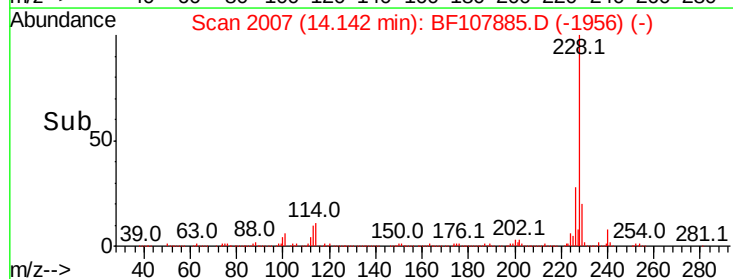
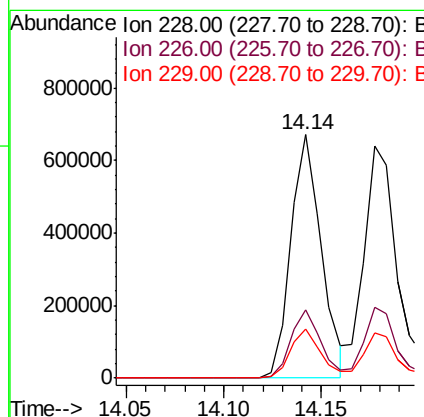
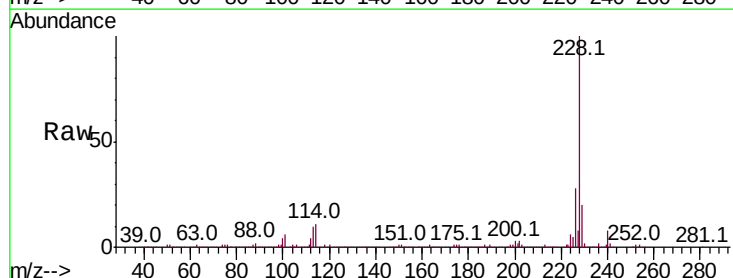
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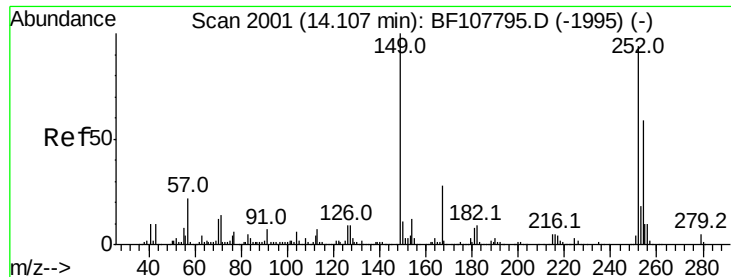
Sohil
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#80
Benzo(a)anthracene
Concen: 45.506 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.0	22.6	33.8	
229	20.1	15.8	23.6	





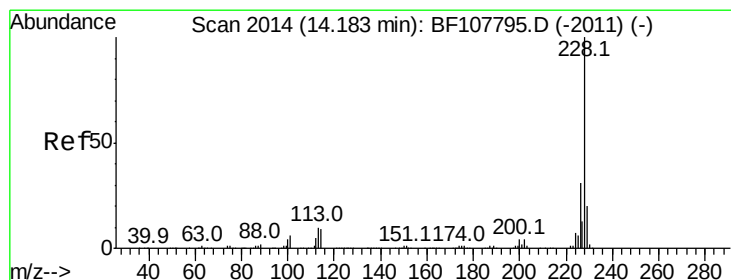
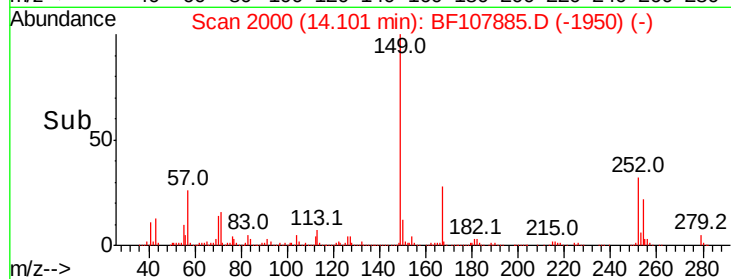
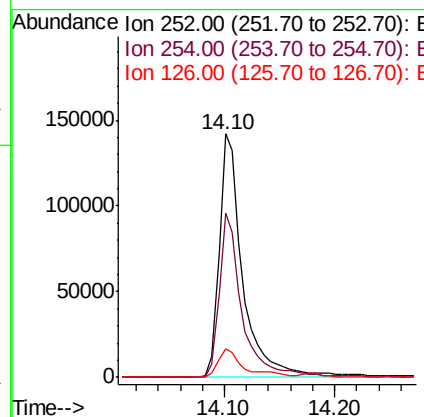
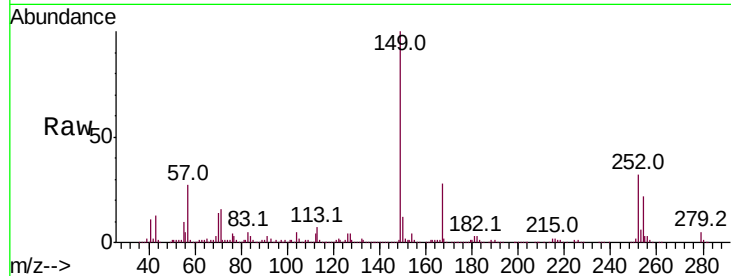
#81
 3,3'-Dichlorobenzidine
 Concen: 33.678 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	208580		
254	67.3	50.4	75.6	
126	11.9	11.3	16.9	

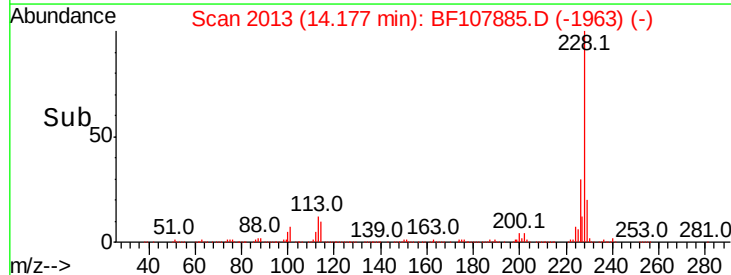
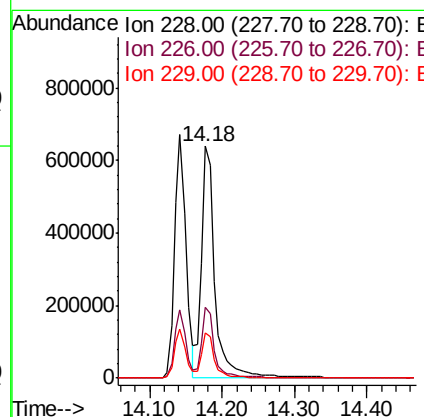
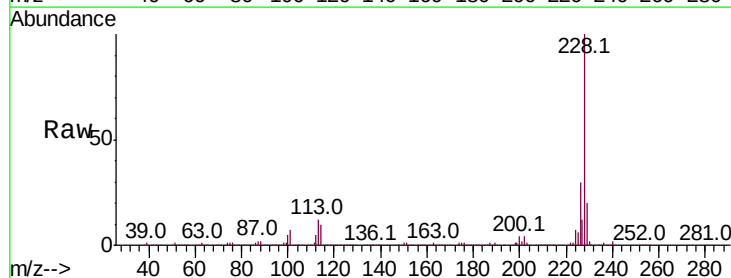
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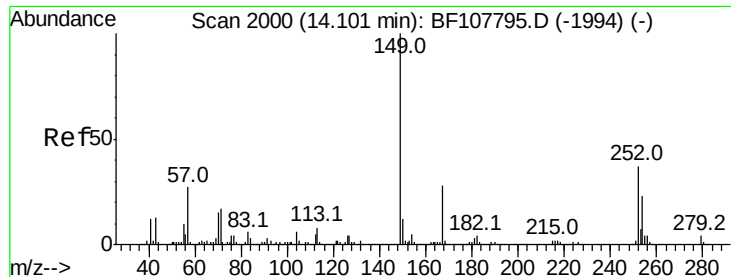
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#82
 Chrysene
 Concen: 47.700 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	822000		
226	30.4	25.0	37.6	
229	19.6	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.792 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107885.D

Acq: 1 Aug 2018 13:32

Instrument :

BNA_F

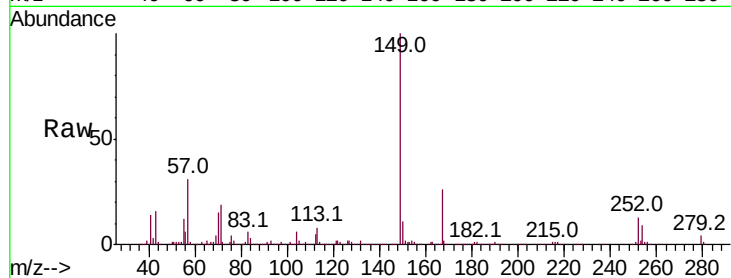
ClientSampleId :

PB111656BS

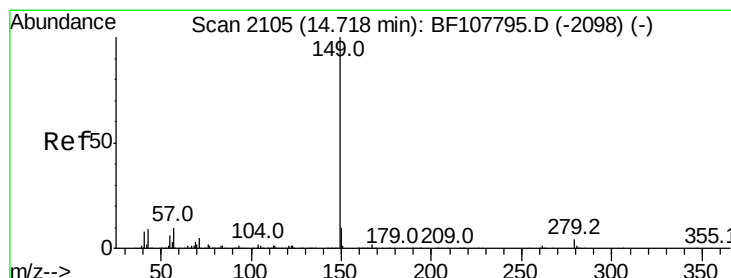
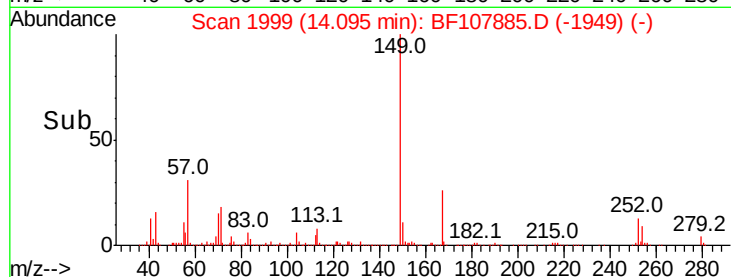
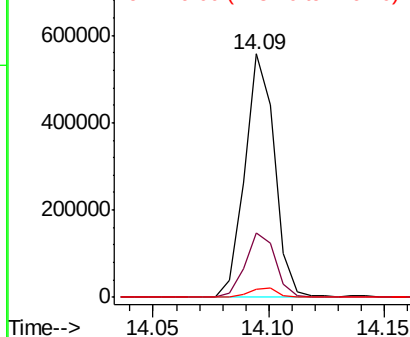
Tot Ion:	149	Resp:	500802
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.995 ng

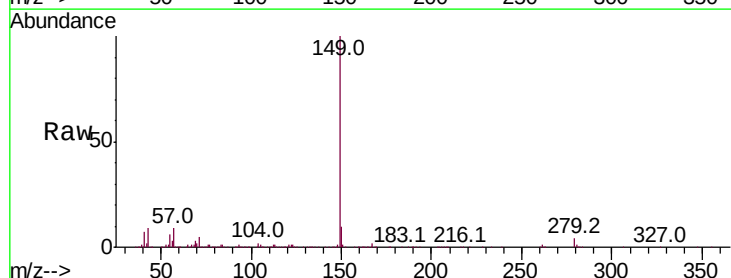
RT: 14.72 min Scan# 2105

Delta R.T. 0.00 min

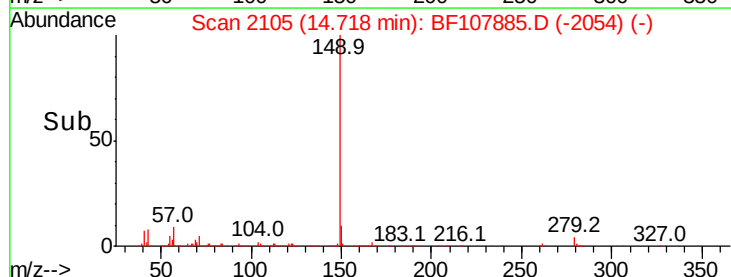
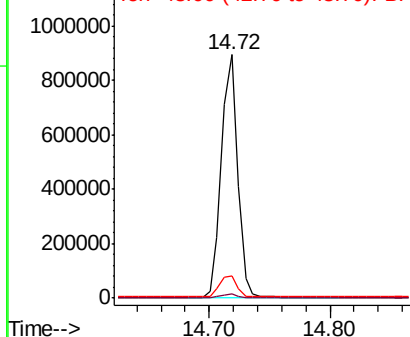
Lab File: BF107885.D

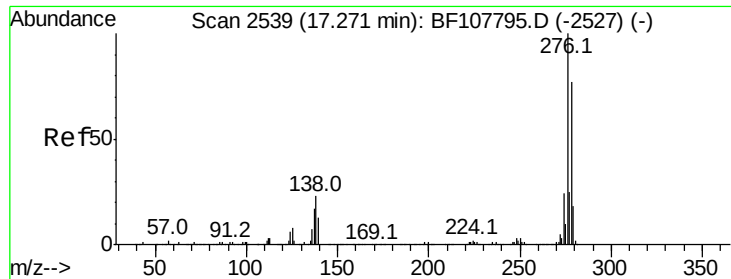
Acq: 1 Aug 2018 13:32

Tgt Ion:	149	Resp:	843378
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	9.2	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





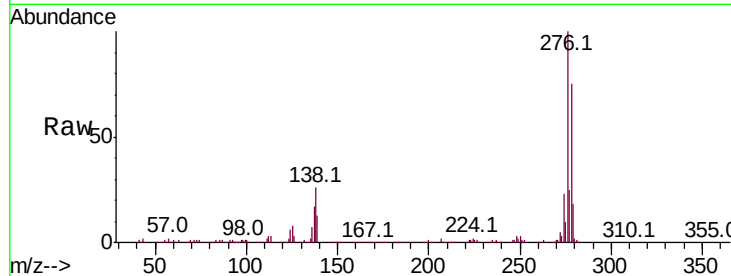
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 74.091 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	24.8	20.1	30.1

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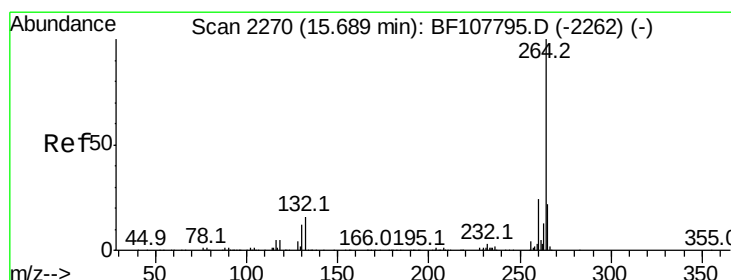
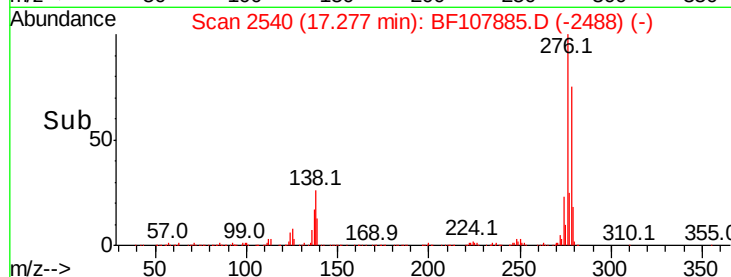
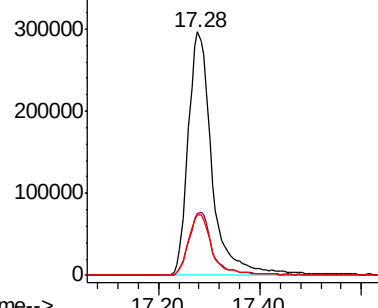


Abundance

Ion 276.00 (275.70 to 276.70): E

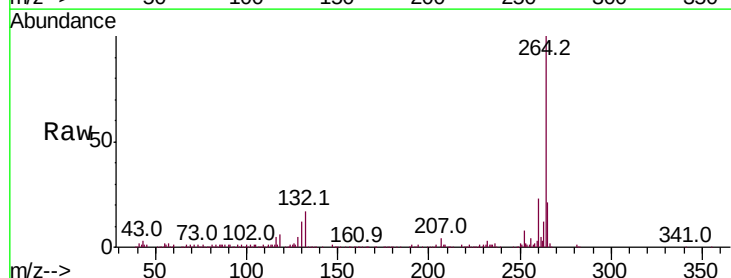
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3

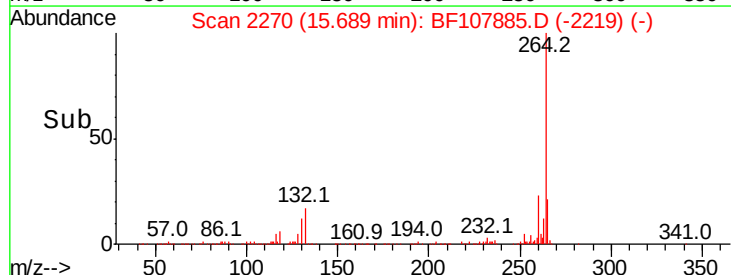
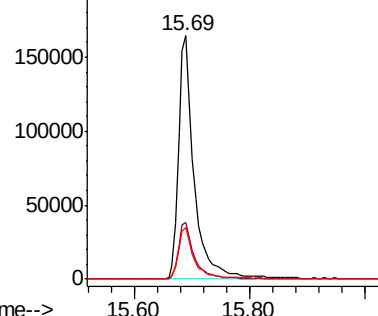


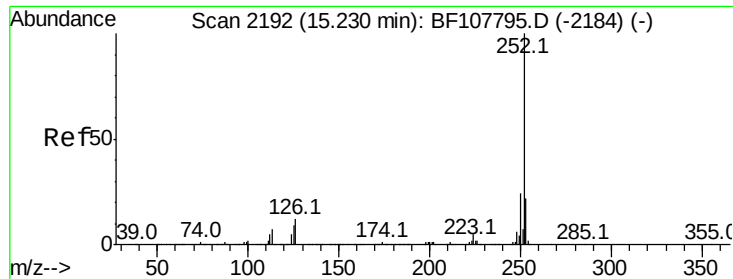
Abundance

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





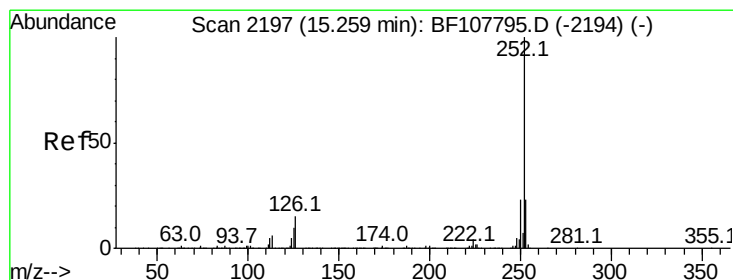
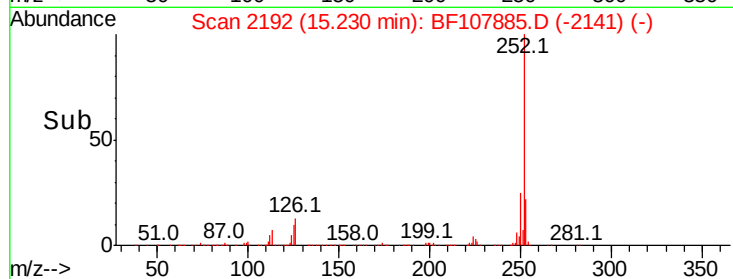
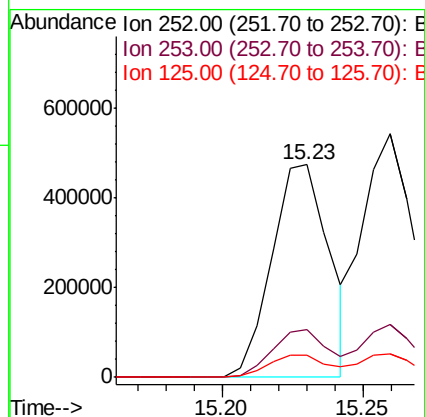
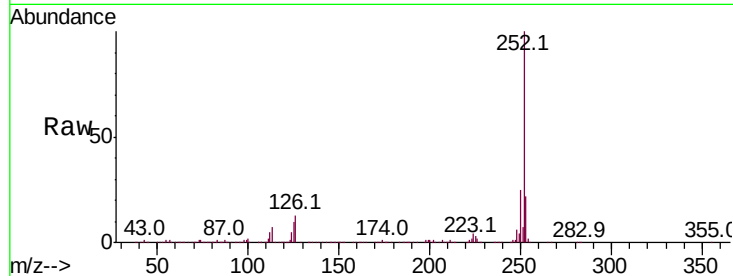
#87
Benzo(b)fluoranthene
Concen: 42.523 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.4	9.0	13.6

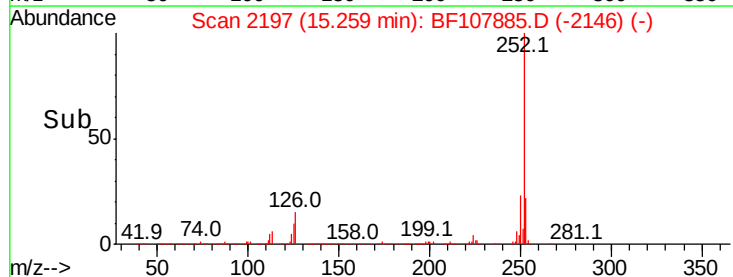
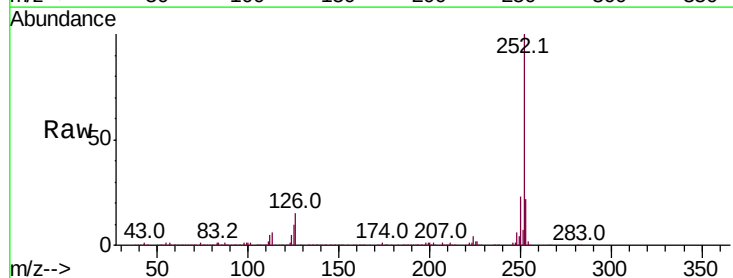
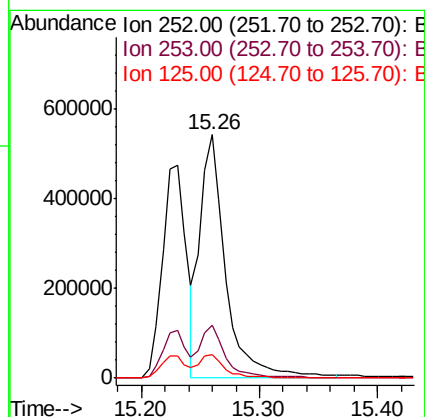
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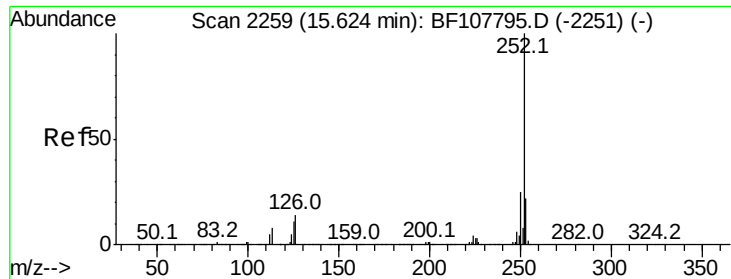
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#88
Benzo(k)fluoranthene
Concen: 42.462 ng m
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.9	10.2	15.2#





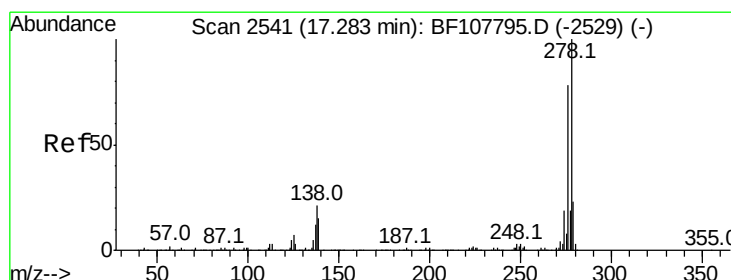
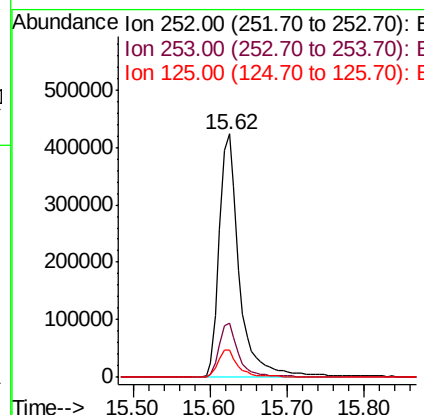
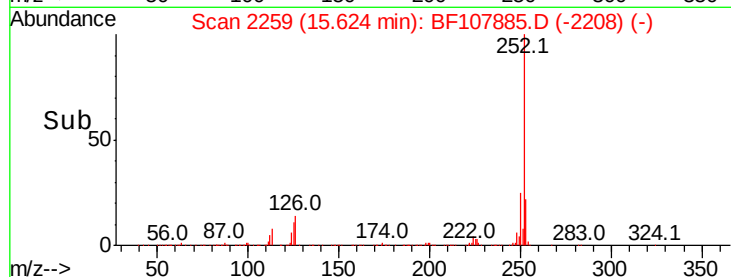
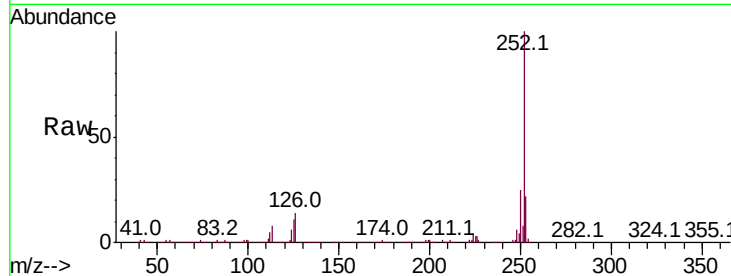
#89
Benzo(a)pyrene
Concen: 46.517 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB111656BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.0	9.8	14.6

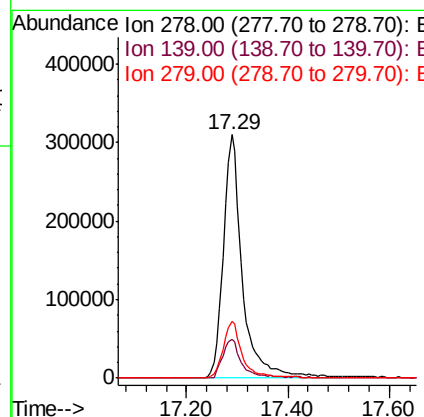
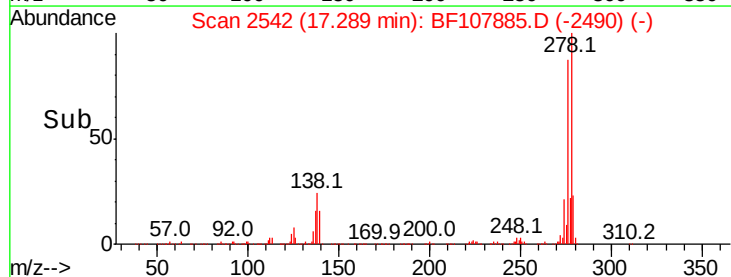
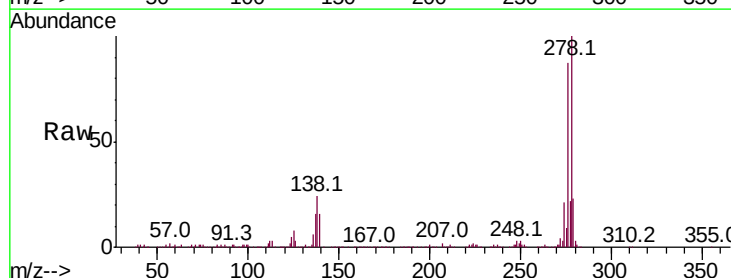
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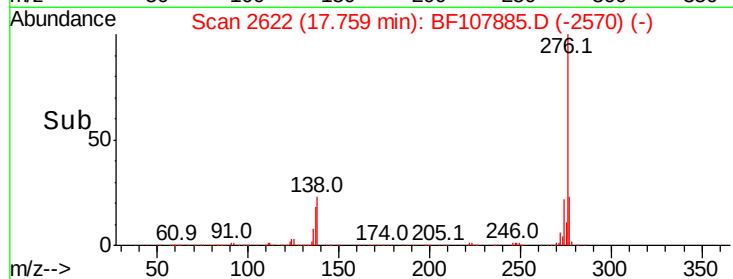
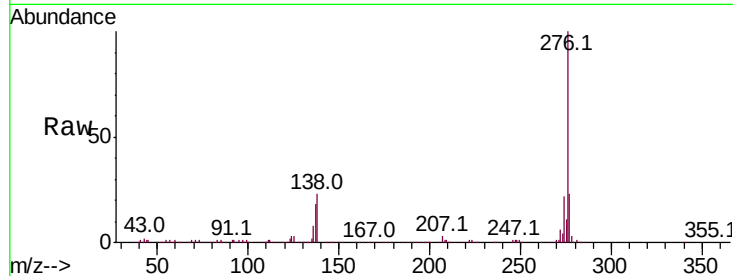
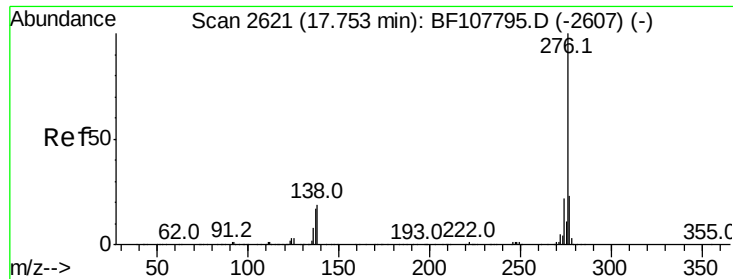
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#90
Dibenzo(a,h)anthracene
Concen: 57.337 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107885.D
Acq: 1 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 60.376 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107885.D
 Acq: 1 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	22.8	21.8	32.8

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