

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108286.D
 Acq On : 20 Aug 2018 13:32
 Operator : JU/SJ
 Sample : PB112189BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:44 PM

Quant Time: Aug 20 15:13:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	174697	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	711708	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	363186	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	726977	20.00	ng	0.00
75) Chrysene-d12	14.22	240	572785	20.00	ng	0.00
86) Perylene-d12	15.78	264	415106	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1408314	145.95	ng	0.03
7) Phenol-d6	6.65	99	1913877	149.26	ng	0.02
23) Nitrobenzene-d5	7.58	82	995471	78.05	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	584753	161.41	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1920584	84.90	ng	0.00
78) Terphenyl-d14	13.15	244	2089617	92.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	176146	35.526	ng	89
3) Pyridine	3.77	79	491490	38.481	ng	91
4) n-Nitrosodimethylamine	3.73	42	259719	36.138	ng	# 84
6) Aniline	6.68	93	552297	31.665	ng	97
8) 2-Chlorophenol	6.81	128	473133	43.535	ng	96
9) Benzaldehyde	6.57	77	248136	24.959	ng	98
10) Phenol	6.66	94	594717	44.838	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	458902	42.796	ng	92
12) 1,3-Dichlorobenzene	6.96	146	532813	42.401	ng	99
13) 1,4-Dichlorobenzene	7.04	146	533217	42.234	ng	97
14) 1,2-Dichlorobenzene	7.19	146	494841	42.137	ng	97
15) Benzyl Alcohol	7.15	79	378671	35.079	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	850514	38.502	ng	99
17) 2-Methylphenol	7.26	107	434532	46.625	ng	94
18) Hexachloroethane	7.53	117	194185	43.202	ng	90
19) n-Nitroso-di-n-propylamine	7.42	70	359777	41.491	ng	92
20) 3+4-Methylphenols	7.41	107	516228	43.224	ng	# 87
22) Acetophenone	7.42	105	688053	41.345	ng	# 93
24) Nitrobenzene	7.60	77	535341	41.508	ng	96
25) Isophorone	7.84	82	985500	40.539	ng	97
26) 2-Nitrophenol	7.91	139	236818	48.622	ng	90
27) 2,4-Dimethylphenol	7.94	122	458740	42.517	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	589475	41.537	ng	100
29) 2,4-Dichlorophenol	8.15	162	432672	43.575	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	459409	41.965	ng	96
31) Naphthalene	8.32	128	1391753	42.999	ng	99
32) Benzoic acid	8.07	122	196723	33.483	ng	93
33) 4-Chloroaniline	8.37	127	365190	25.890	ng	98
34) Hexachlorobutadiene	8.43	225	295301	42.610	ng	98
35) Caprolactam	8.74	113	125371m	40.292	ng	
36) 4-Chloro-3-methylphenol	8.85	107	447012	41.732	ng	99
37) 2-Methylnaphthalene	9.02	142	961701	41.996	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	486863	43.653	ng	98
40) Hexachlorocyclopentadiene	9.17	237	501206	69.574	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	307201	44.386	nq	97
43) 2,4,5-Trichlorophenol	9.34	196	353486	46.396	nq #	94
45) 1,1'-Biphenyl	9.48	154	1166087	43.547	nq	99
46) 2-Chloronaphthalene	9.51	162	917314	43.343	nq	99
47) 2-Nitroaniline	9.60	65	302750	44.211	nq	86
48) Acenaphthylene	9.93	152	1447199	43.253	nq	99
49) Dimethylphthalate	9.78	163	1065761	42.127	nq	99
50) 2,6-Dinitrotoluene	9.84	165	240232	45.386	nq	91
51) Acenaphthene	10.10	154	861473	42.037	nq	99
52) 3-Nitroaniline	10.02	138	189595	32.738	nq	100
53) 2,4-Dinitrophenol	10.12	184	178034	89.010	nq #	20
54) Dibenzofuran	10.27	168	1257787	42.363	nq	96
55) 4-Nitrophenol	10.18	139	341537	77.880	nq	86
56) 2,4-Dinitrotoluene	10.25	165	312674	45.893	nq #	97
57) Fluorene	10.62	166	1008251	42.898	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	303004	47.582	nq #	83
59) Diethylphthalate	10.48	149	1031717	42.115	nq	96
60) 4-Chlorophenyl-phenylether	10.60	204	519952	42.455	nq	94
61) 4-Nitroaniline	10.64	138	249736	43.617	nq	94
62) Azobenzene	10.77	77	1038030	41.030	nq	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	119012	44.095	nq	85
65) n-Nitrosodiphenylamine	10.72	169	908814	42.304	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	336124	42.546	nq	90
67) Hexachlorobenzene	11.17	284	356510	42.889	nq #	91
68) Atrazine	11.25	200	308722	42.846	nq	97
69) Pentachlorophenol	11.37	266	342820	86.165	nq	98
70) Phenanthrene	11.59	178	1461298	42.617	nq	99
71) Anthracene	11.64	178	1491840	42.450	nq	99
72) Carbazole	11.79	167	1320594	42.294	nq	100
73) Di-n-butylphthalate	12.11	149	1558340	44.062	nq	99
74) Fluoranthene	12.78	202	1615338	43.165	nq	96
76) Benzidine	12.90	184	666978	31.166	nq	98
77) Pyrene	13.02	202	1600884	44.146	nq	99
79) Butylbenzylphthalate	13.61	149	688726	47.830	nq	96
80) Benzo(a)anthracene	14.21	228	1420587	43.216	nq	98
81) 3,3'-Dichlorobenzidine	14.16	252	364062	30.904	nq #	97
82) Chrysene	14.25	228	1310121	43.472	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	874234	44.833	nq	100
84) Di-n-octyl phthalate	14.79	149	1397504	46.993	nq	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	976913	37.412	nq #	91
87) Benzo(b)fluoranthene	15.31	252	1151323m	46.416	nq	
88) Benzo(k)fluoranthene	15.34	252	1103814	48.410	nq #	97
89) Benzo(a)pyrene	15.71	252	1029204	46.336	nq	97
90) Dibenzo(a,h)anthracene	17.42	278	827886	45.048	nq #	93
91) Benzo(g,h,i)perylene	17.91	276	804729	44.469	nq #	91

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

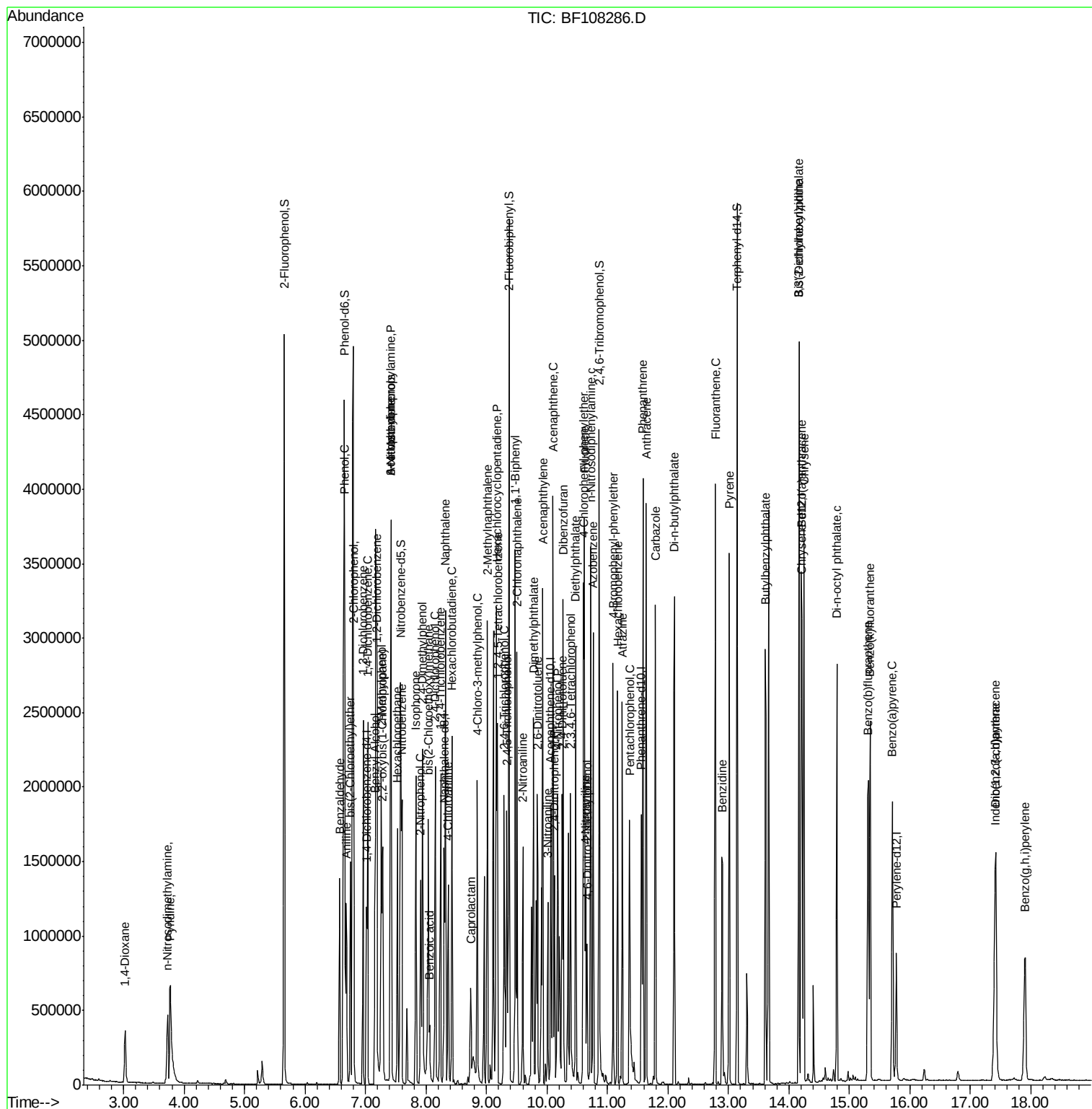
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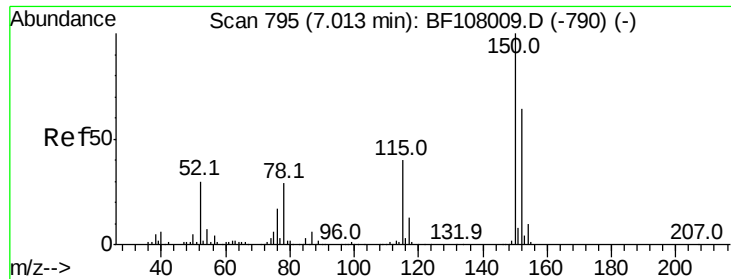
Instrument :
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#1

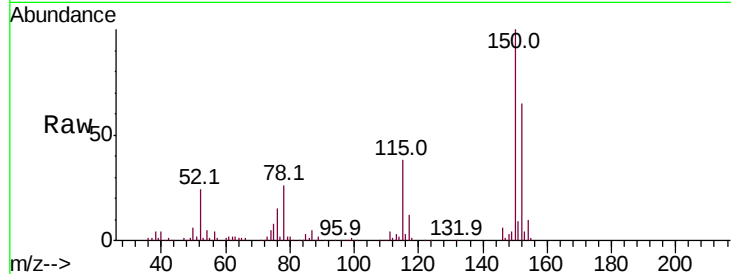
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	58.3	50.1	75.1

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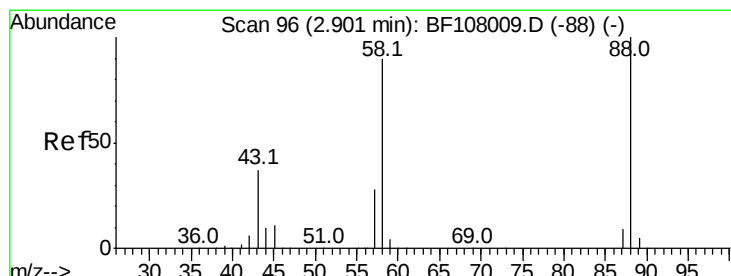
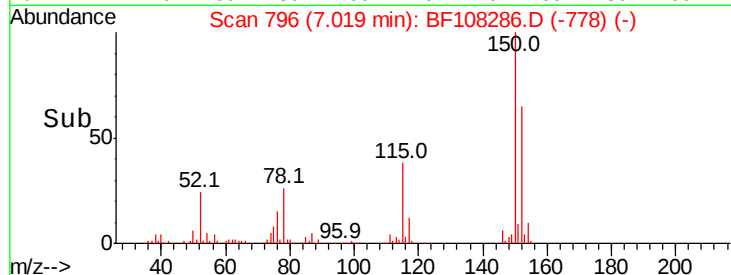
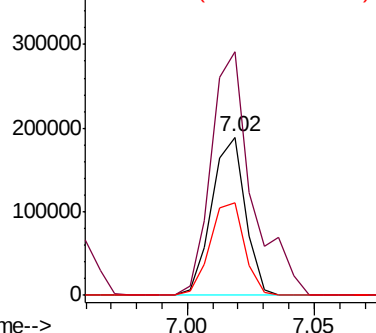


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

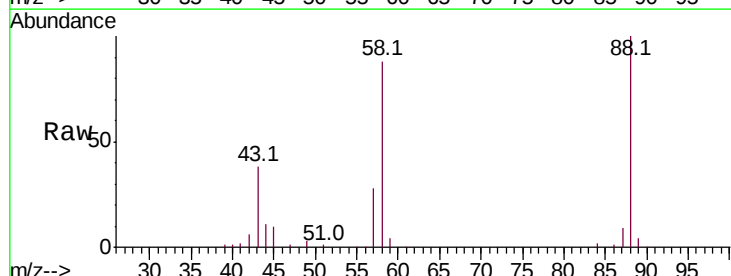
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.526 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.13 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	62.6	93.8
43	35.5	24.6	37.0

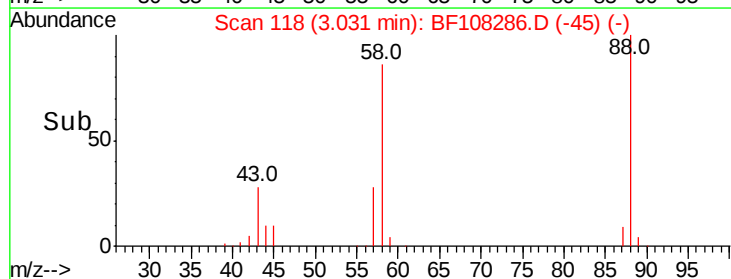
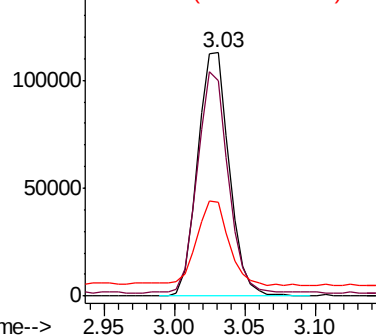


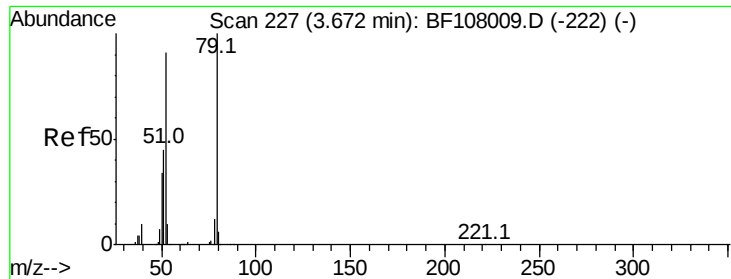
Abundance

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: 38.481 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.10 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

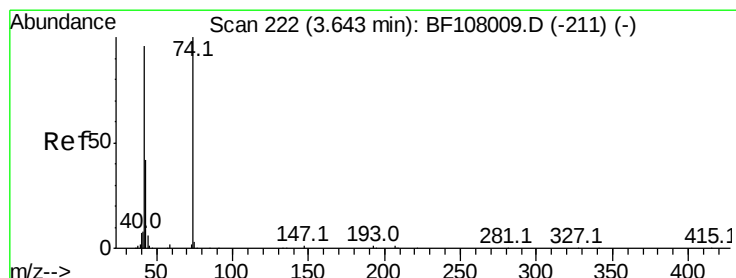
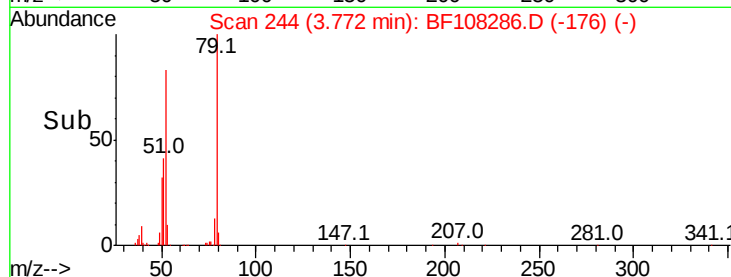
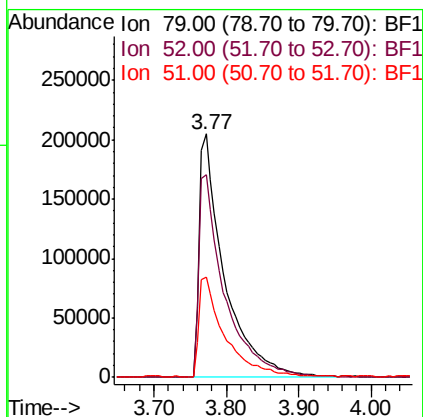
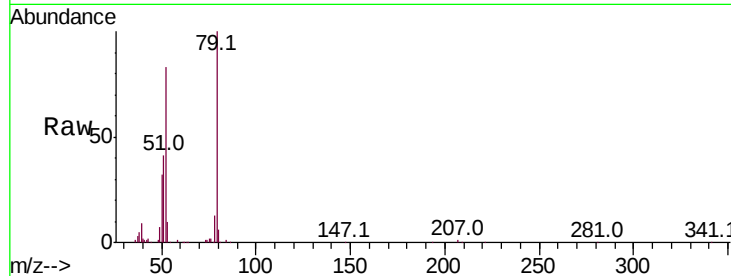
ClientSampleId :

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Tot Ion	79	Resp	491490
Ion Ratio	Lower	Upper	
79	100		
52	83.4	59.8	89.6
51	41.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.138 ng

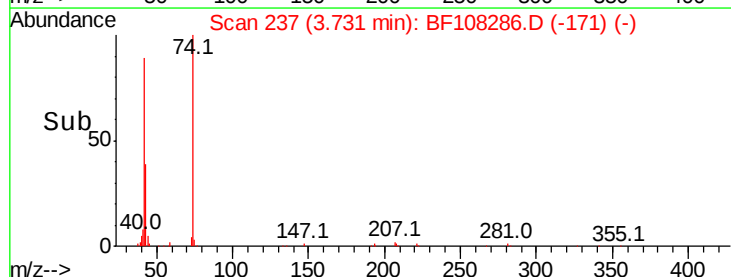
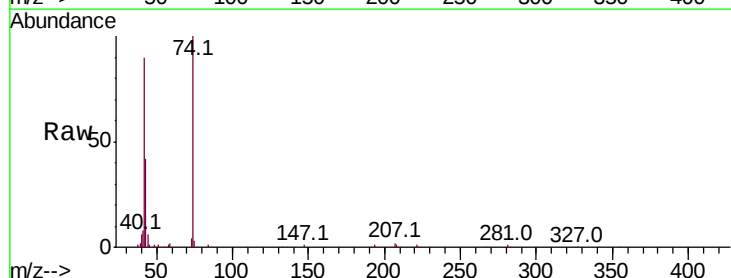
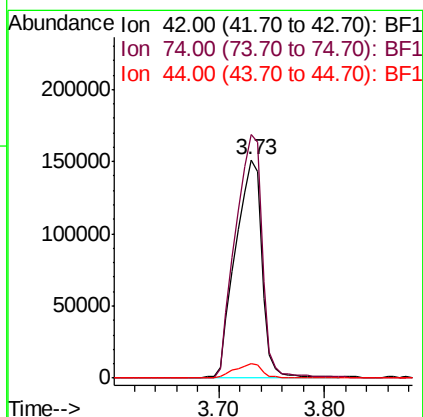
RT: 3.73 min Scan# 237

Delta R.T. 0.09 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Tgt Ion	42	Resp	259719
Ion Ratio	Lower	Upper	
42	100		
74	111.5	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 145.949 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

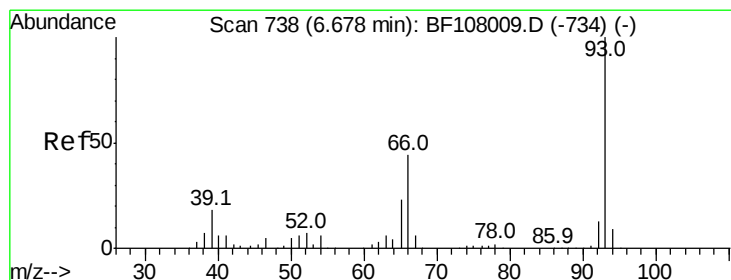
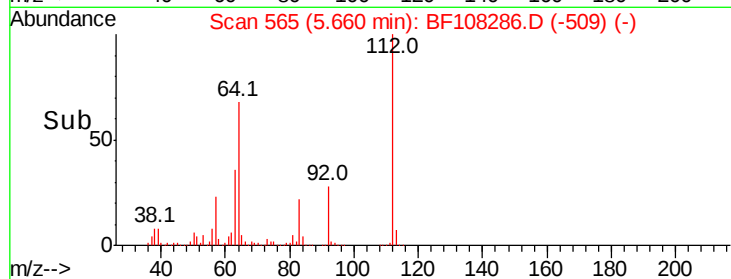
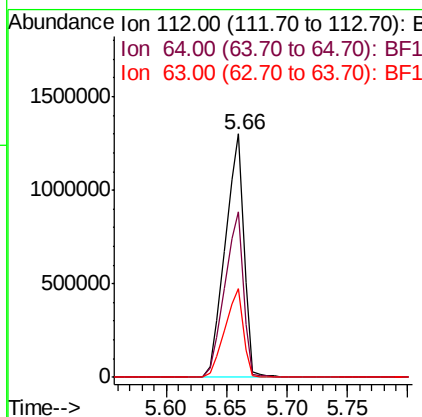
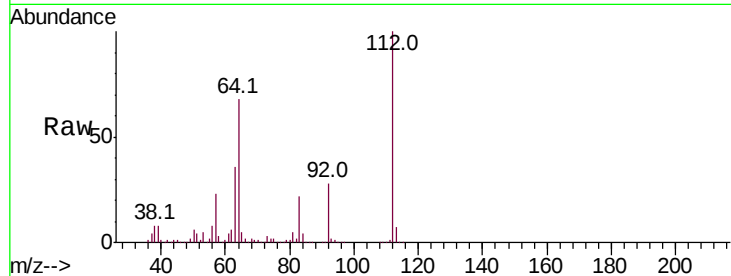
ClientSampleId :

PB112189BS

Tot Ion:	112	Resp:	1408314
Ion Ratio	Lower	Upper	
112	100		
64	67.9	47.9	71.9
63	36.4	23.7	35.5#

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#6

Aniline

Concen: 31.665 ng

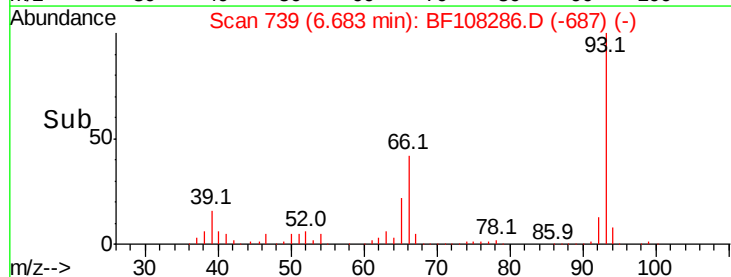
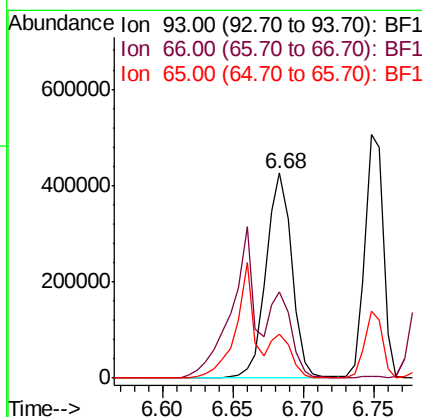
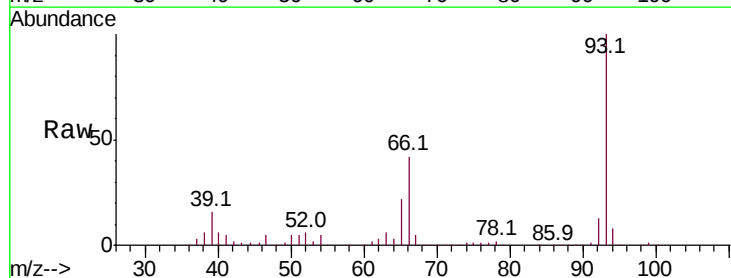
RT: 6.68 min Scan# 739

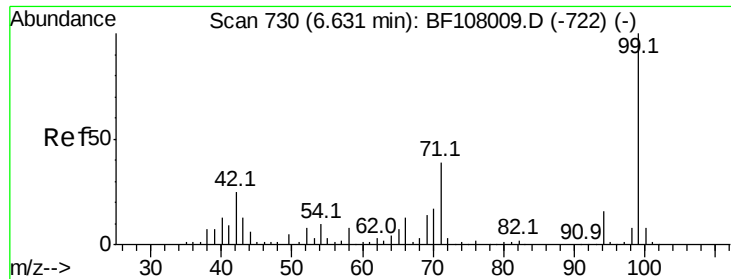
Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Tgt Ion:	93	Resp:	552297
Ion Ratio	Lower	Upper	
93	100		
66	42.0	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 149.257 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

Tot Ion: 99 Resp: 1913877

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

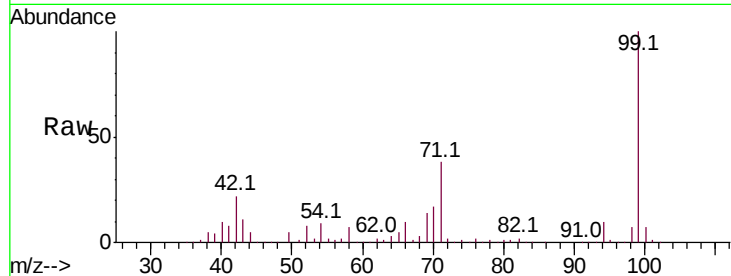
71 37.7 25.4 38.0

Manual Integrations

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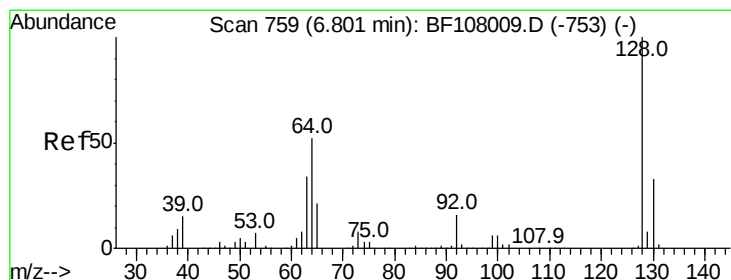
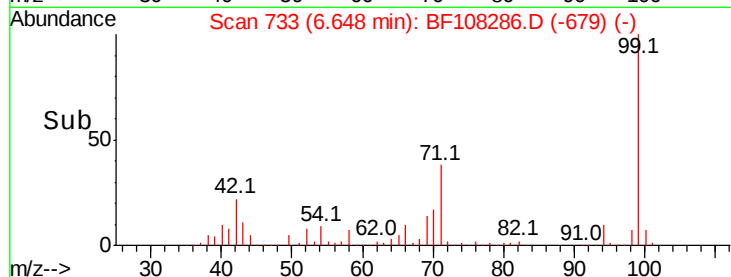
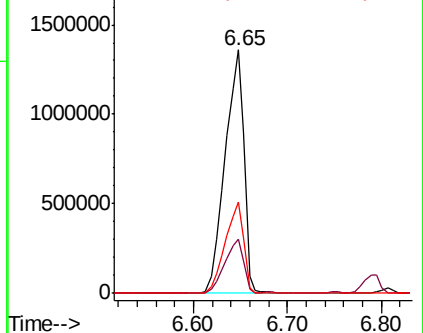
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.535 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

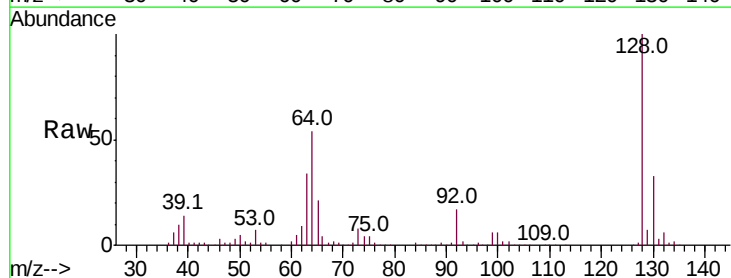
Tgt Ion:128 Resp: 473133

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

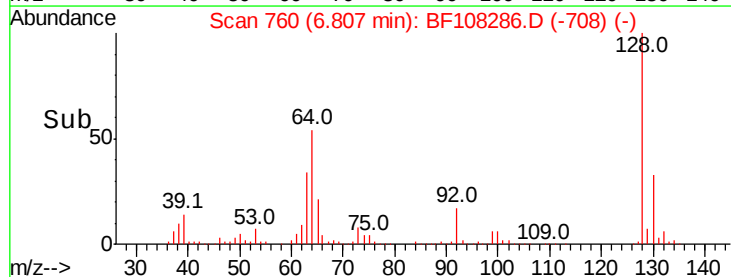
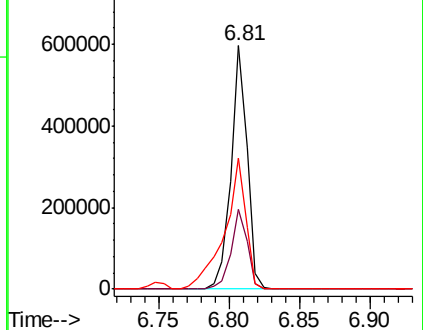
64 53.7 29.4 69.4

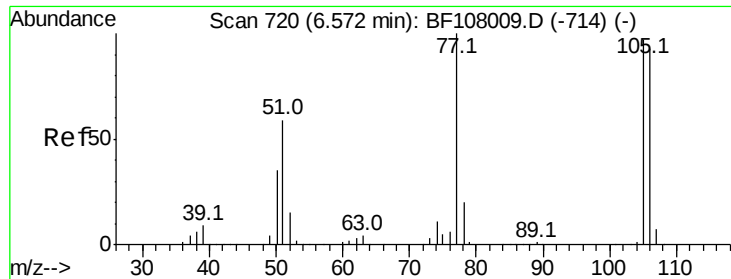


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.959 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF108286.D

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Instrument :

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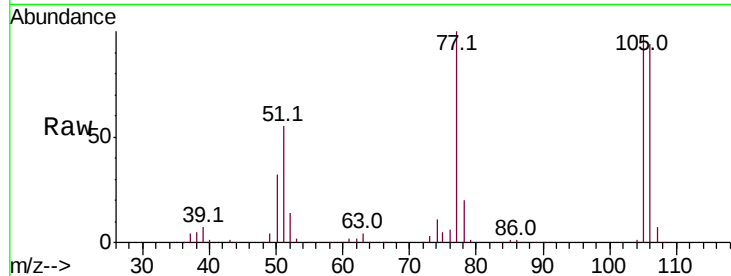
ClientSampleId :

PB112189BS

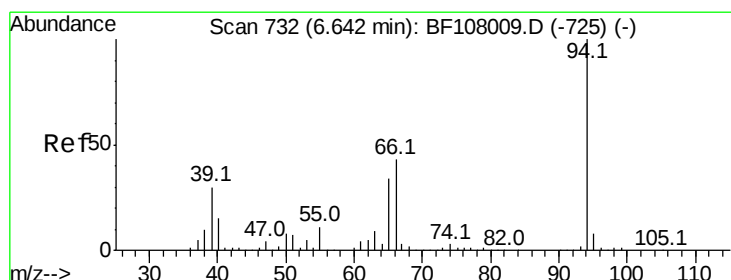
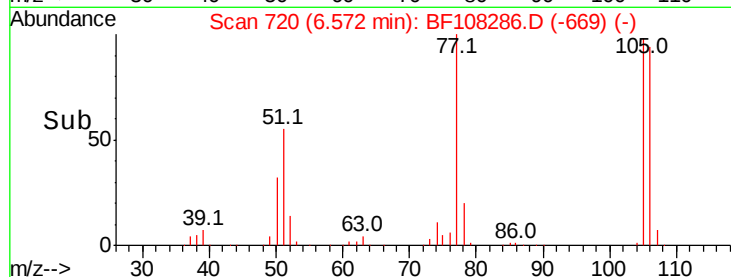
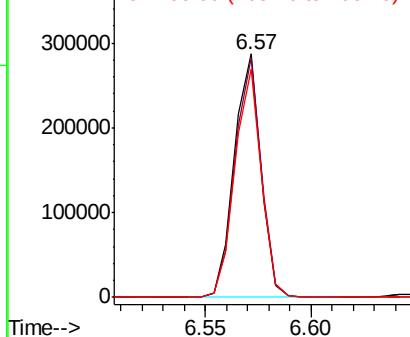
Tot Ion:	77	Resp:	248136
Ion	Ratio	Lower	Upper
77	100		
105	98.2	81.1	121.1
106	93.8	74.5	114.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.838 ng

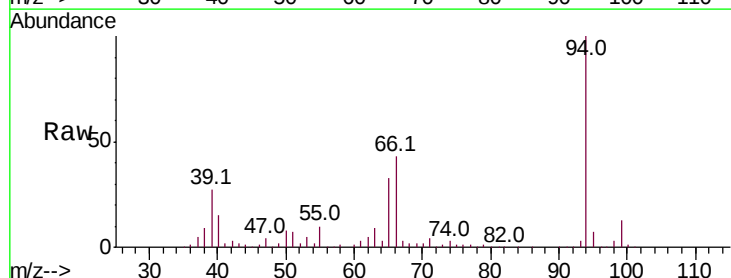
RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

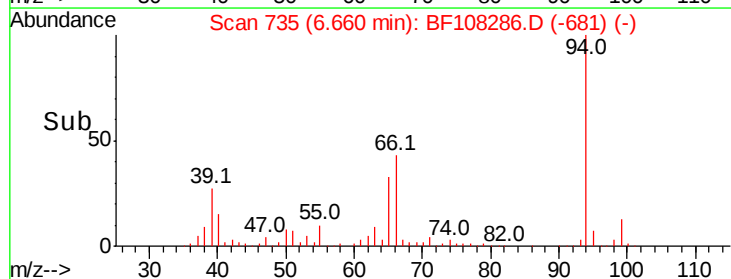
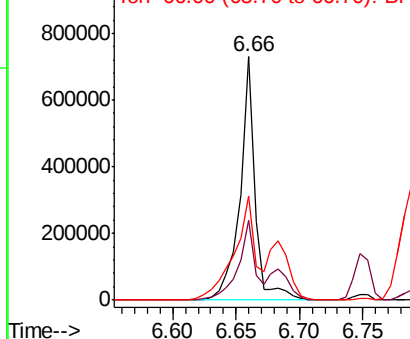
Lab File: BF108286.D

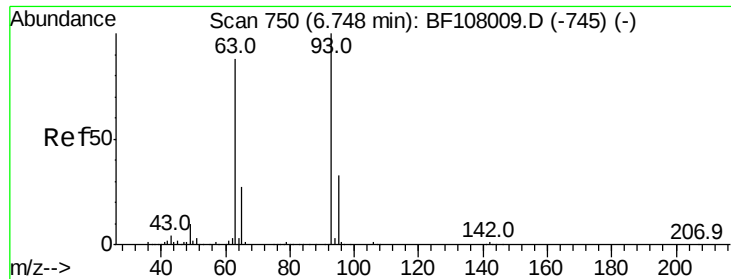
Acq: 20 Aug 2018 13:32

Tgt Ion:	94	Resp:	594717
Ion	Ratio	Lower	Upper
94	100		
65	33.0	7.9	47.9
66	42.9	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





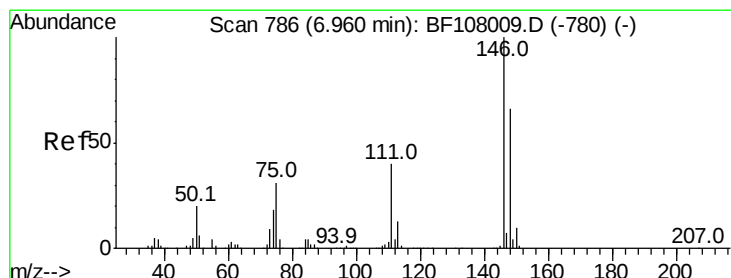
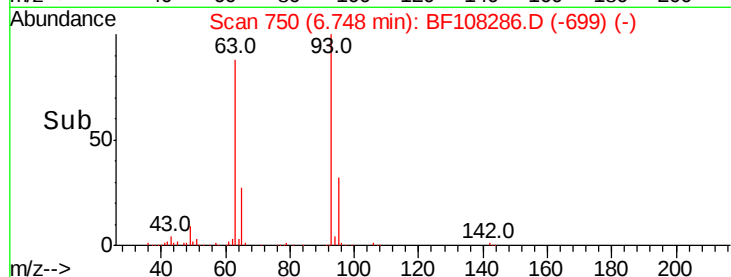
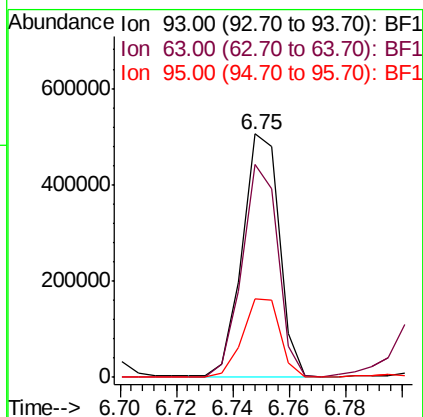
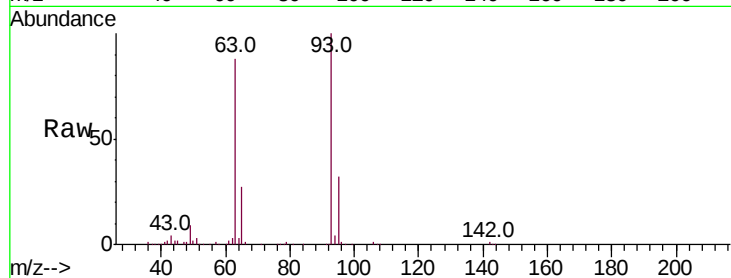
#11
bis(2-Chloroethyl)ether
Concen: 42.796 ng
RT: 6.75 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	58.6	98.6
95	32.3	11.8	51.8

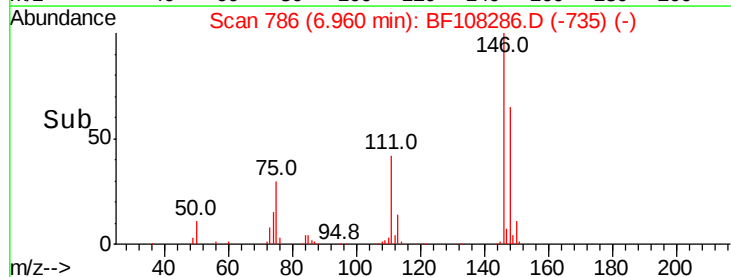
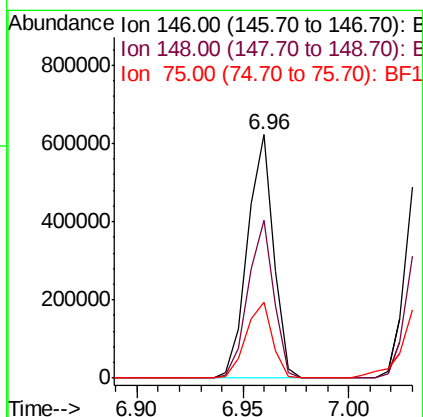
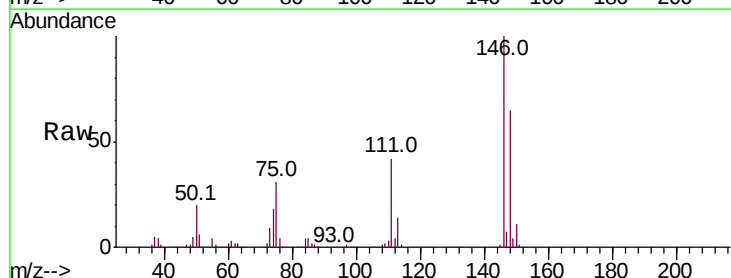
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#12
1,3-Dichlorobenzene
Concen: 42.401 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.3	24.2	36.4





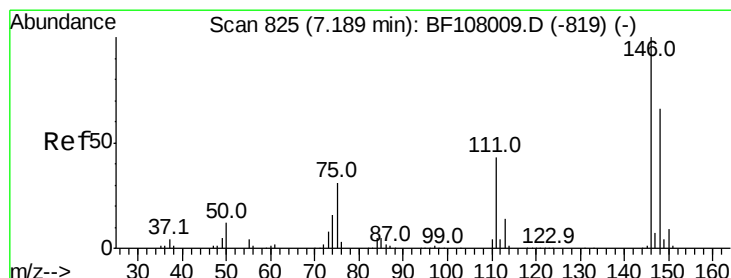
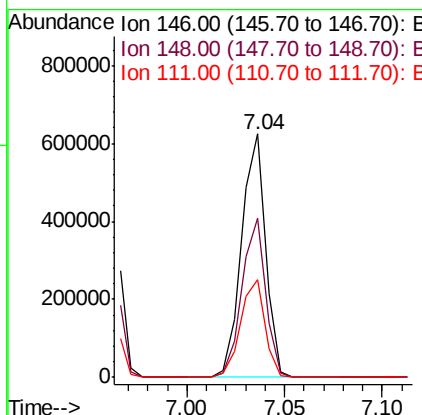
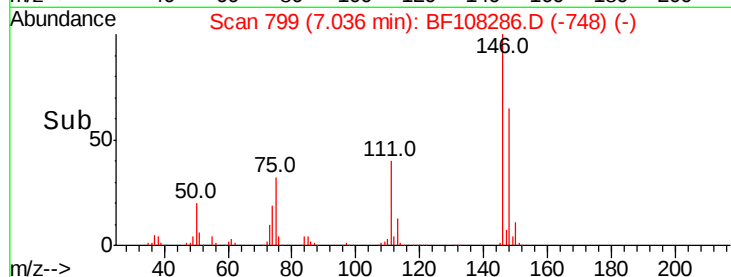
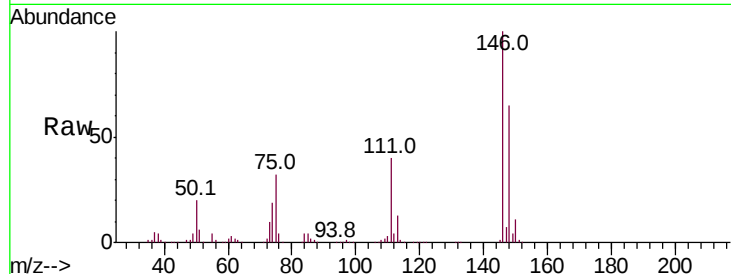
#13
 1,4-Dichlorobenzene
 Concen: 42.234 ng
 RT: 7.04 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	40.1	34.2	51.2

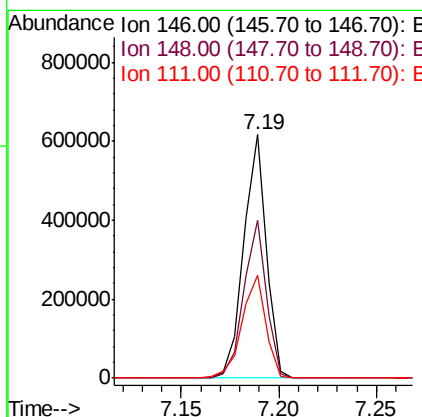
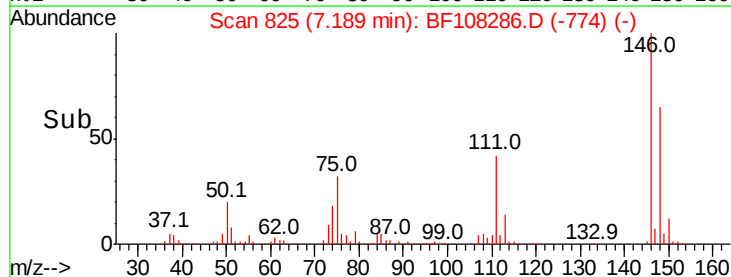
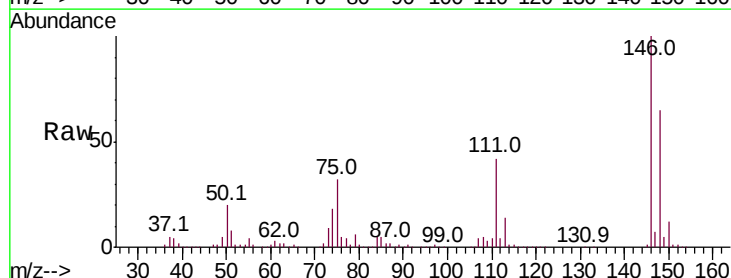
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 42.137 ng
 RT: 7.19 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	42.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.079 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

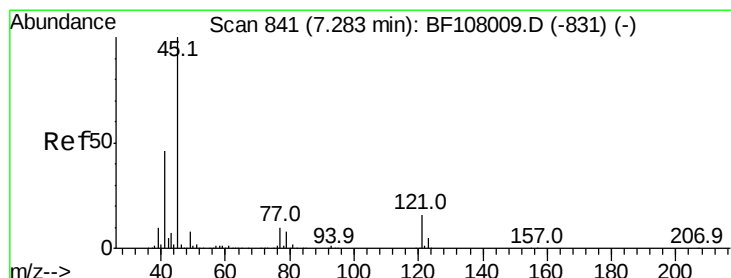
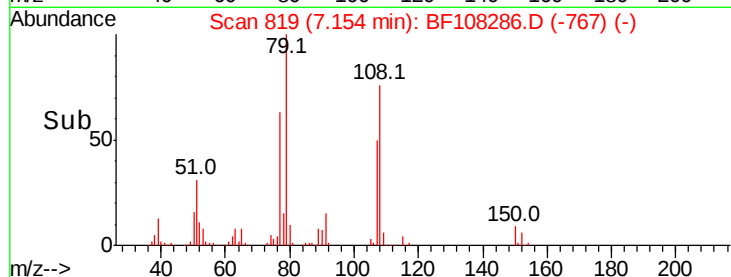
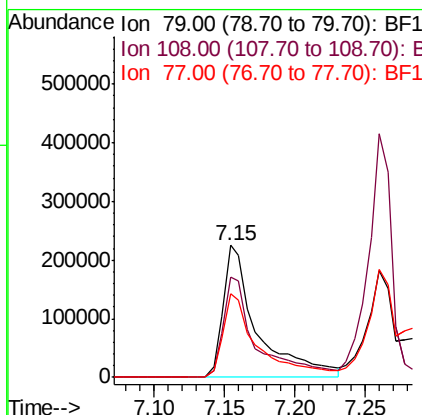
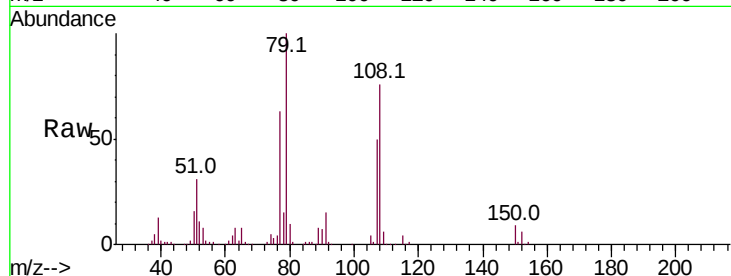
ClientSampled :

PB112189BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	65.1	97.7
77	63.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.502 ng

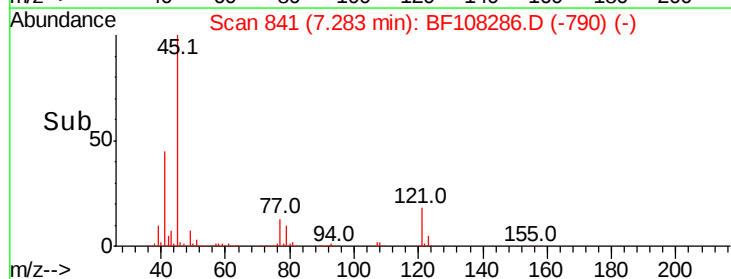
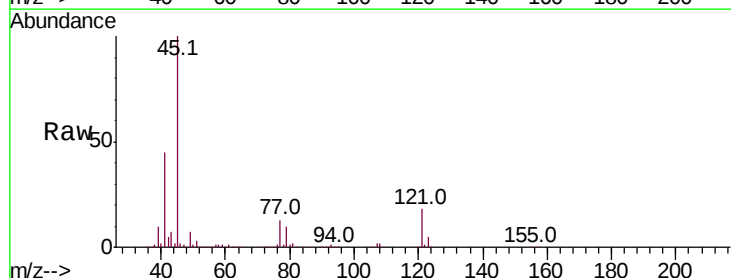
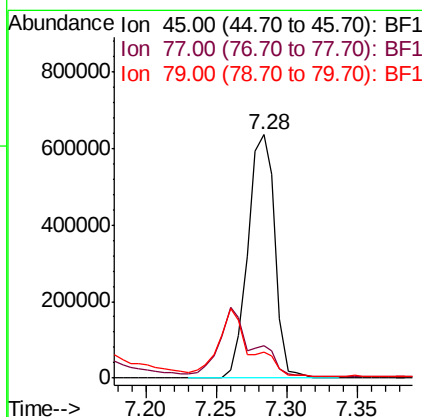
RT: 7.28 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	32.9
79	10.5	0.0	29.6





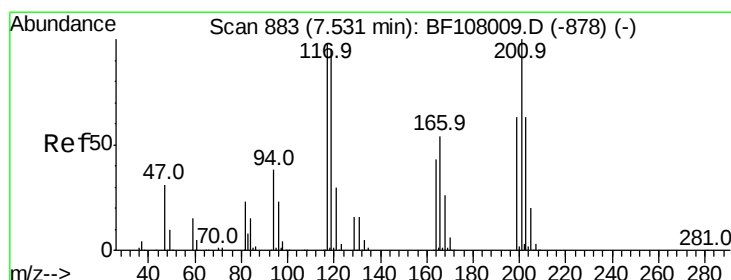
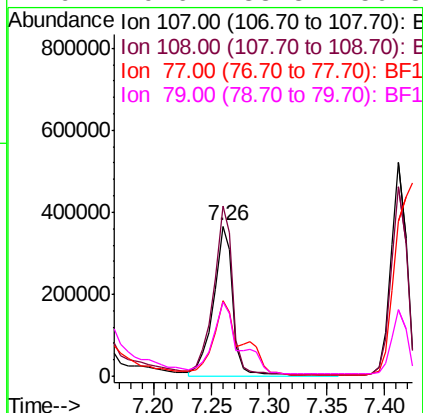
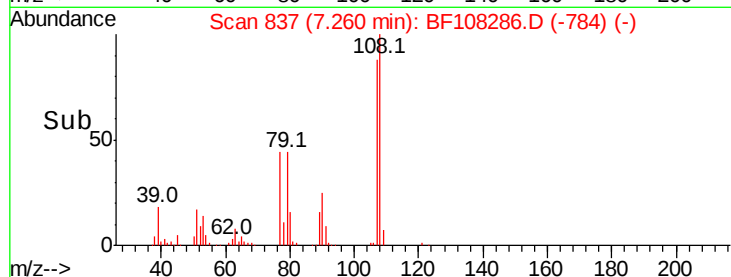
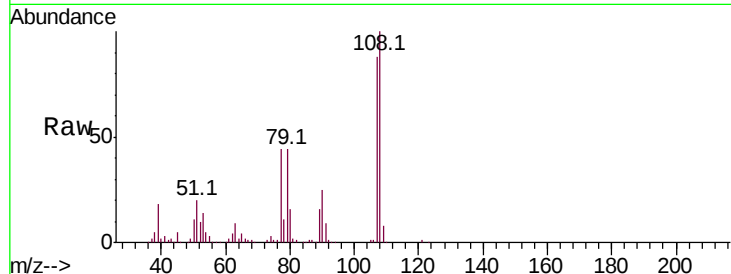
#17
2-Methylphenol
Concen: 46.625 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.7	137.5	
77	50.5	33.8	50.8	
79	49.6	33.8	50.8	

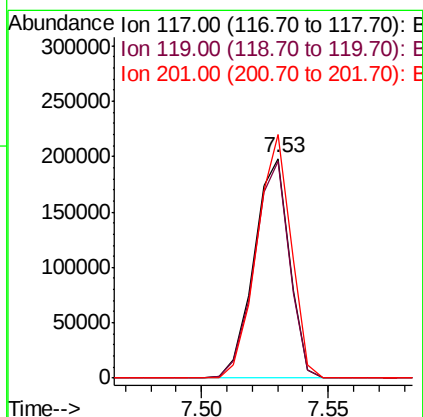
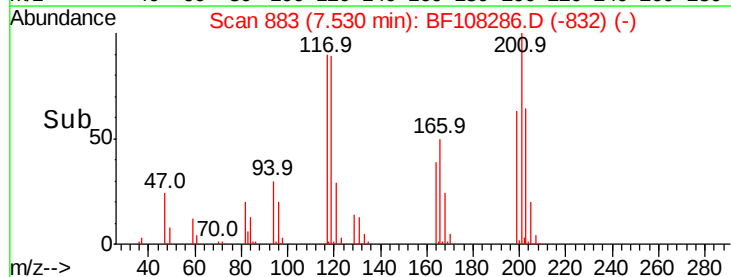
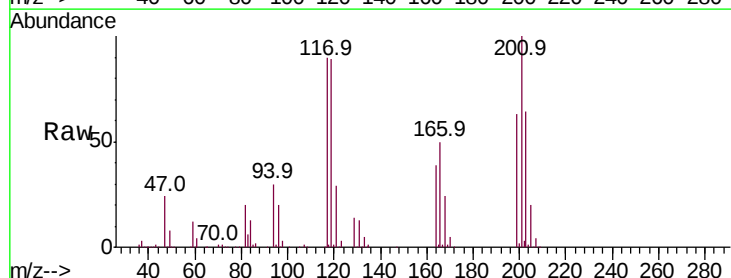
Manual Integrations
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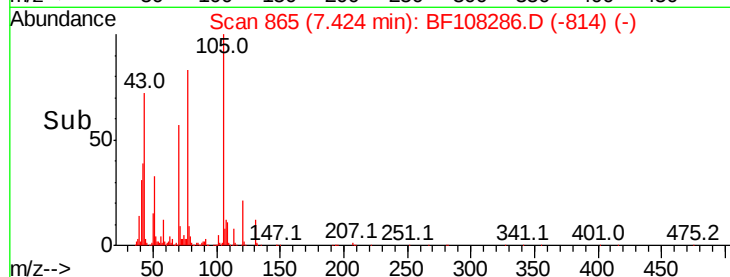
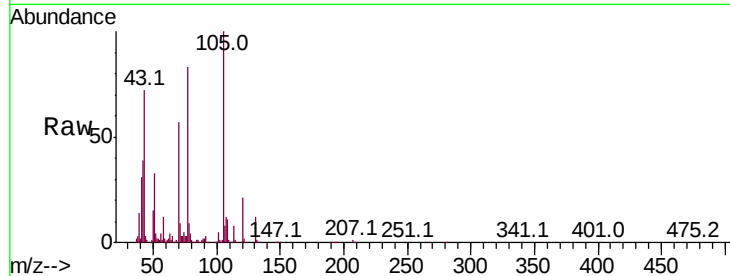
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#18
Hexachloroethane
Concen: 43.202 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	75.8	113.8	
201	111.0	75.7	113.5	





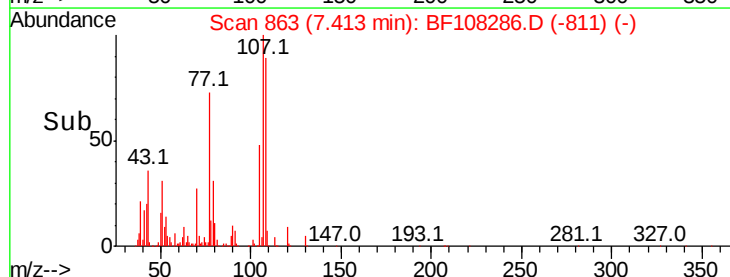
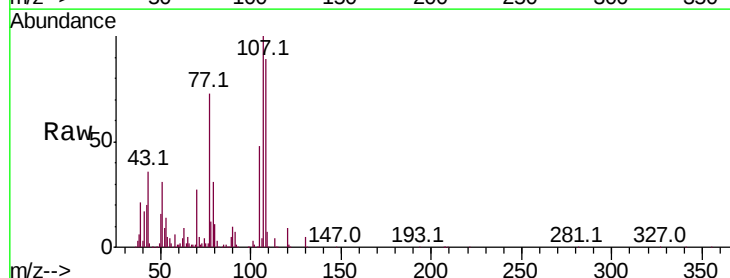
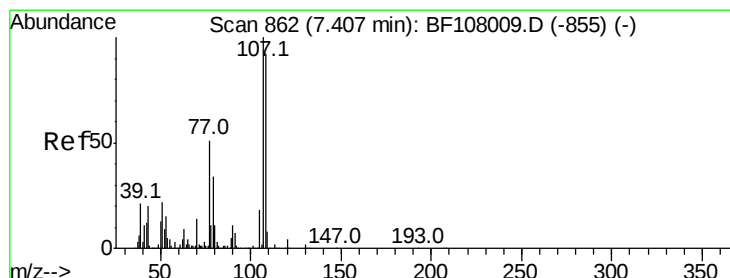
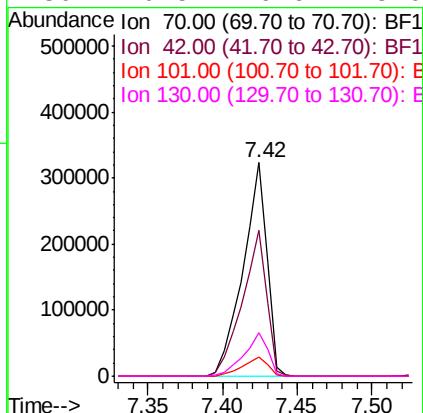
#19
n-Nitroso-di-n-propylamine
Concen: 41.491 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Manual Integrations
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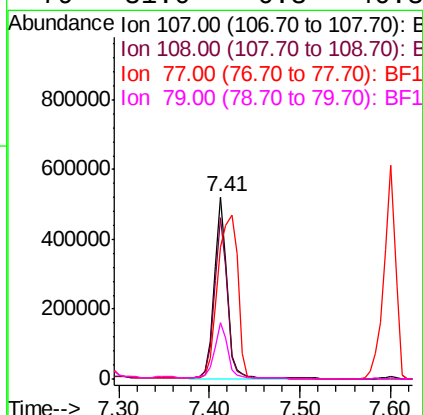
Sohil
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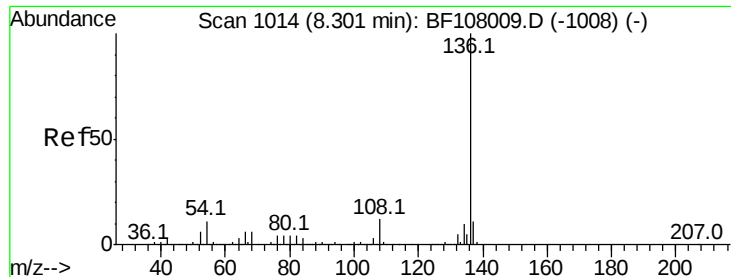
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.1	47.5	71.3
101	9.1	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.224 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	72.6	26.7	66.7#
79	31.0	6.3	46.3





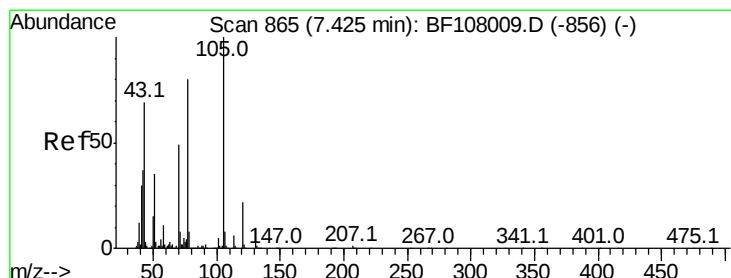
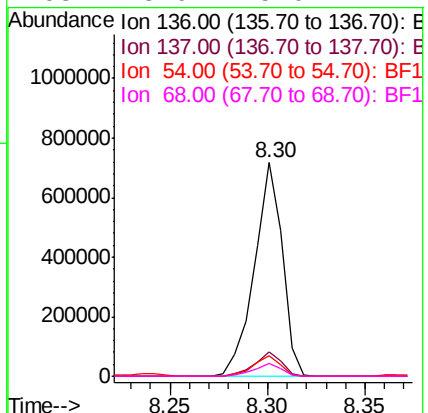
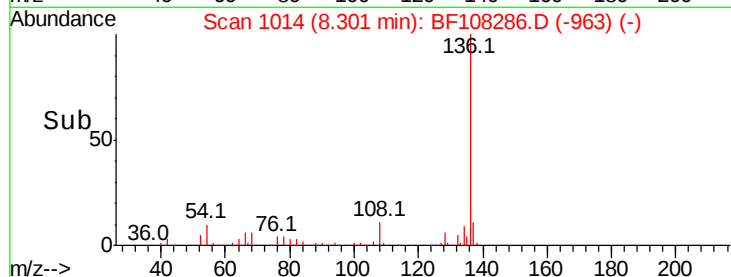
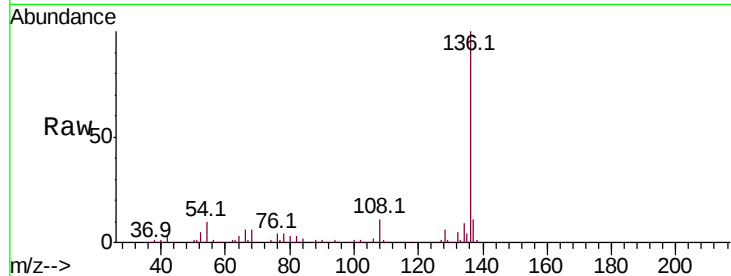
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampled :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	711708		
137	11.3	8.9	13.3	
54	9.7	6.6	9.8	
68	5.9	5.0	7.4	

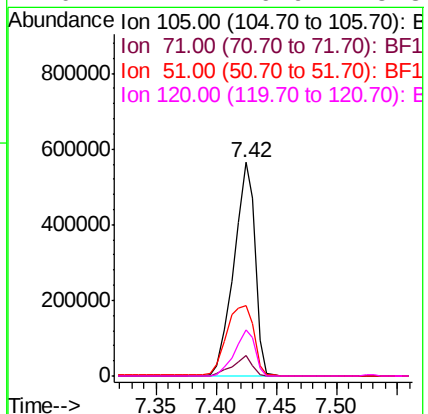
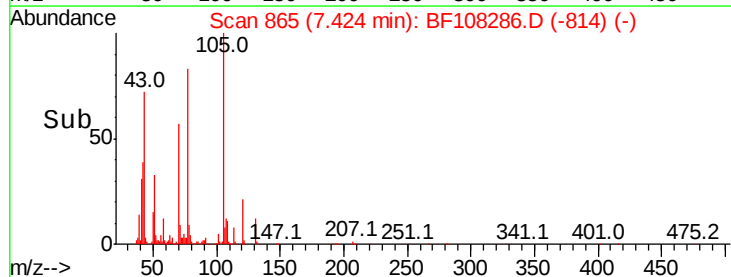
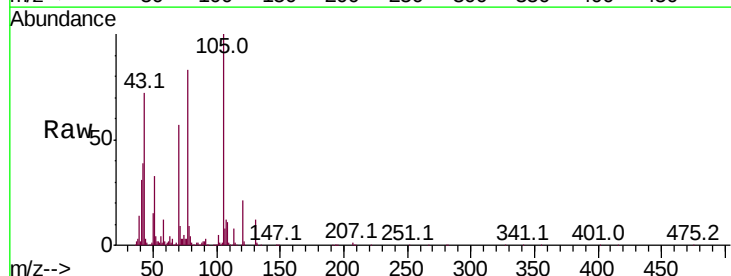
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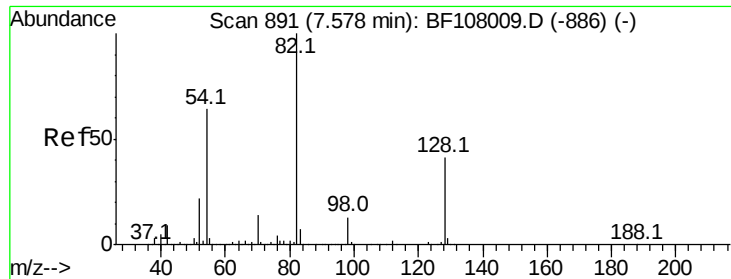
Sohil
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#22
Acetophenone
Concen: 41.345 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	688053		
71	9.5	4.4	6.6#	
51	33.2	22.3	33.5	
120	21.4	16.9	25.3	





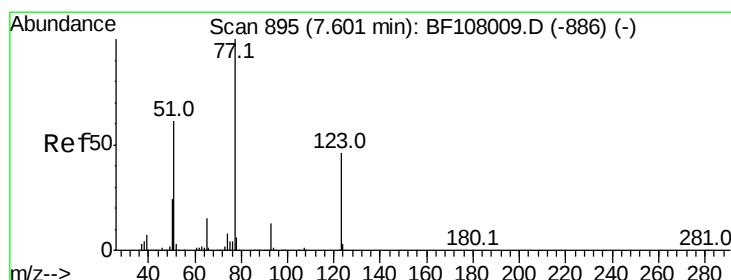
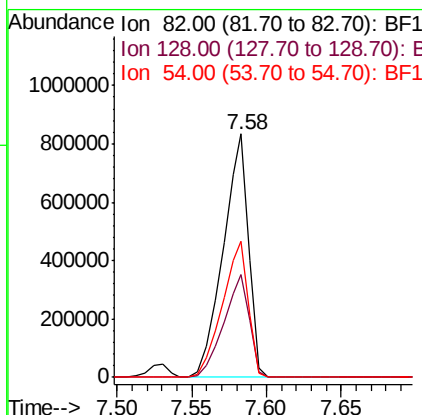
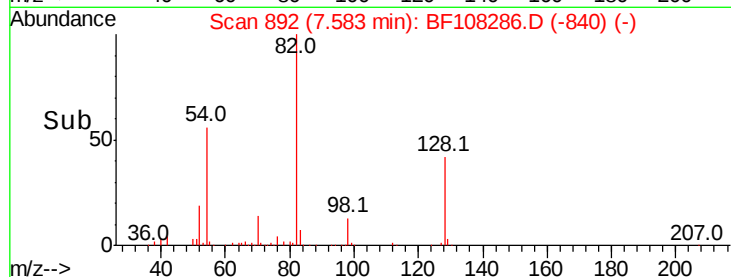
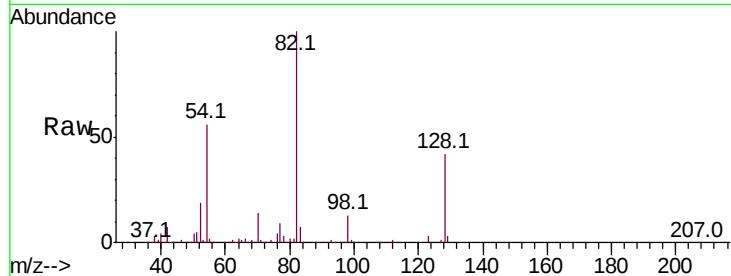
#23
 Nitrobenzene-d5
 Concen: 78.050 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	36.1	54.1	
54	56.0	41.4	62.2	

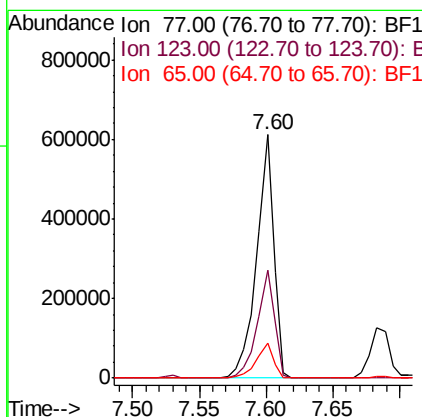
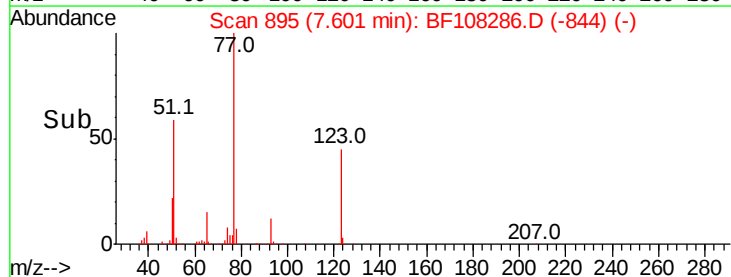
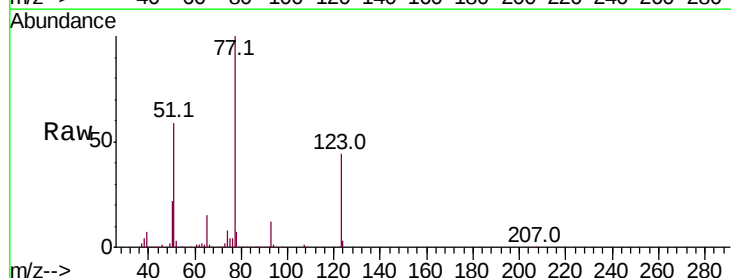
Manual Integrations
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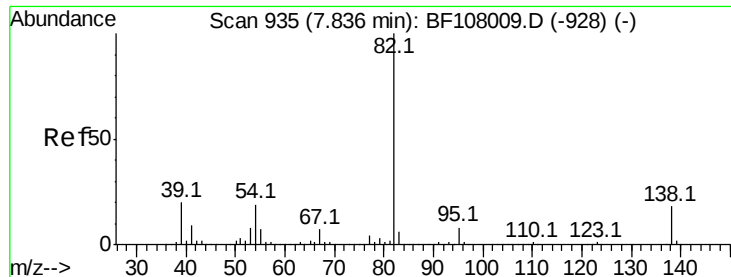
Sohil
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#24
 Nitrobenzene
 Concen: 41.508 ng
 RT: 7.60 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.1	37.9	56.9	
65	14.5	11.0	16.4	





#25

Isophorone

Concen: 40.539 ng

RT: 7.84 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

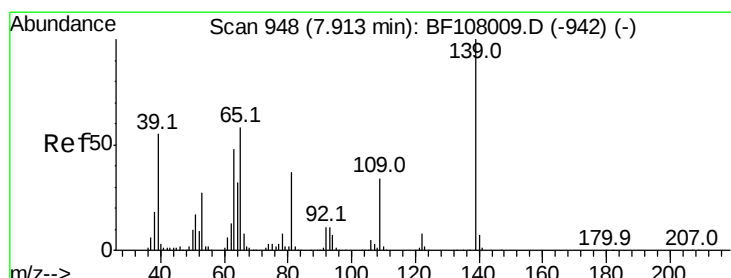
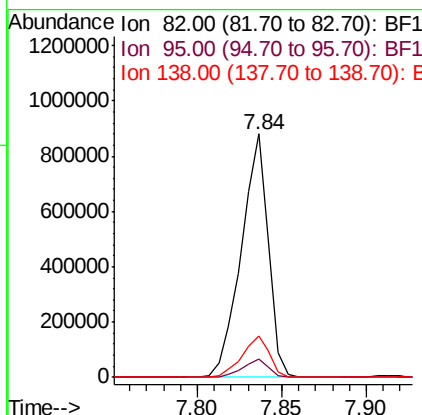
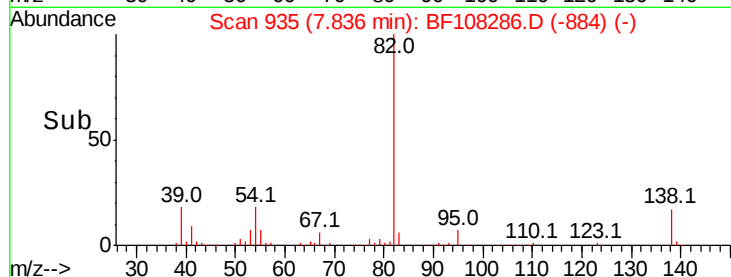
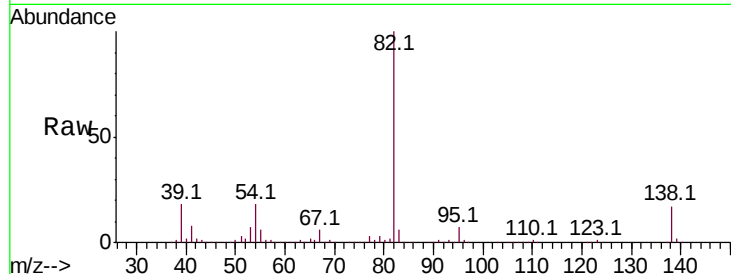
ClientSampleId :

PB112189BS

Tot Ion:	82	Resp:	985500
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.622 ng

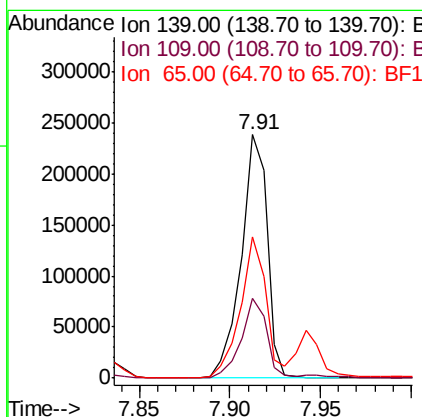
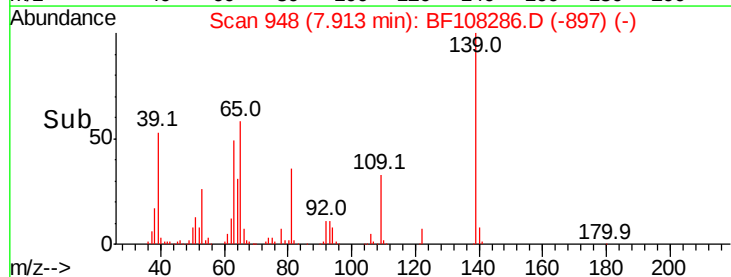
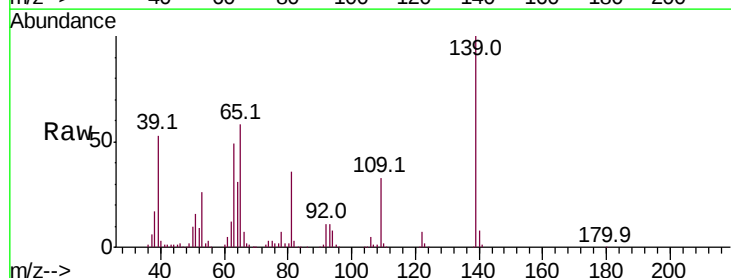
RT: 7.91 min Scan# 948

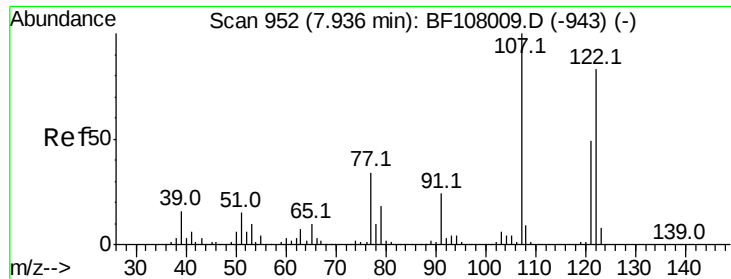
Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Tgt Ion:	139	Resp:	236818
Ion Ratio	Lower	Upper	
139	100		
109	32.5	22.7	34.1
65	58.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 42.517 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

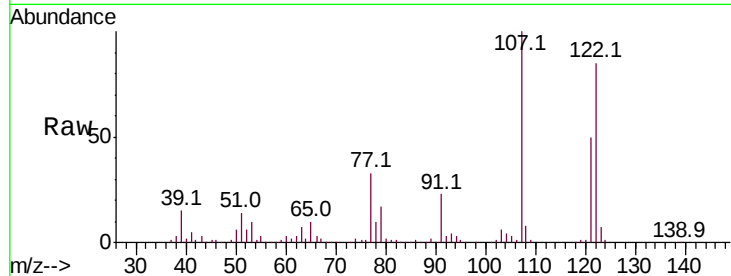
ClientSampleId :

PB112189BS

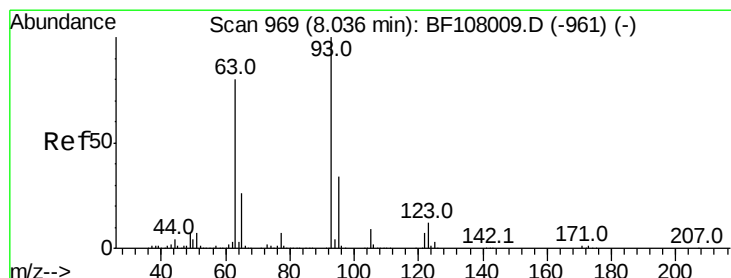
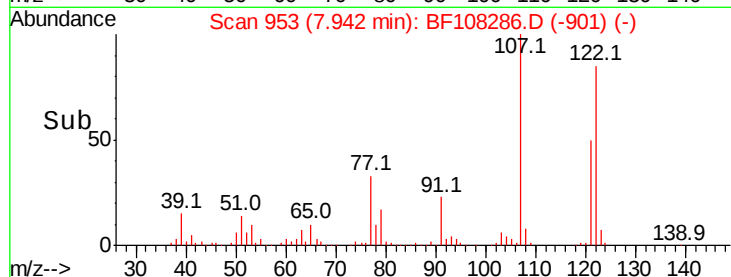
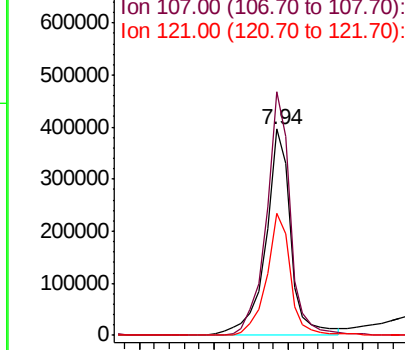
Tot Ion:	122	Resp:	458740
Ion Ratio	Lower	Upper	
122	100		
107	118.0	91.2	136.8
121	59.0	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.537 ng

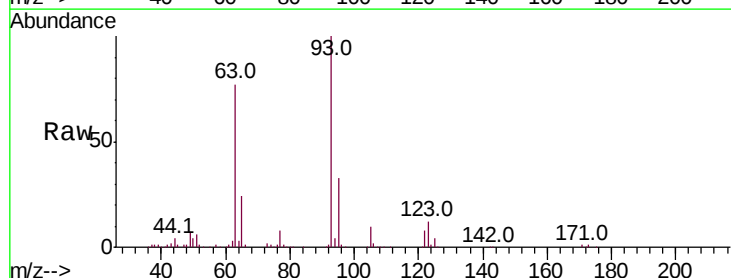
RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

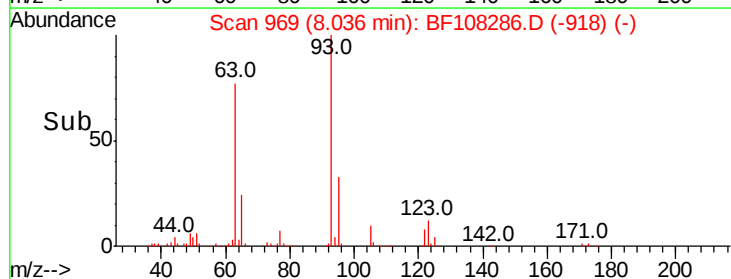
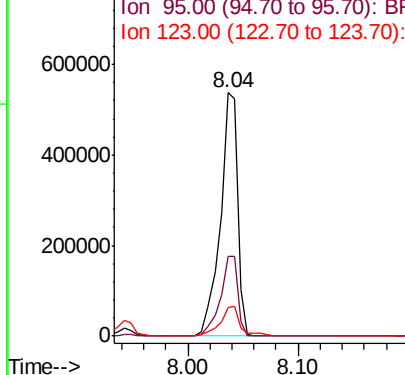
Lab File: BF108286.D

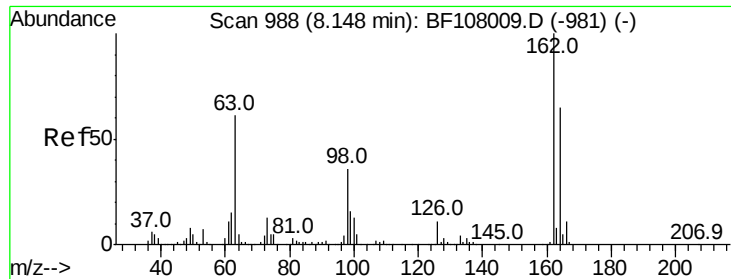
Acq: 20 Aug 2018 13:32

Tgt Ion:	93	Resp:	589475
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	12.0	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





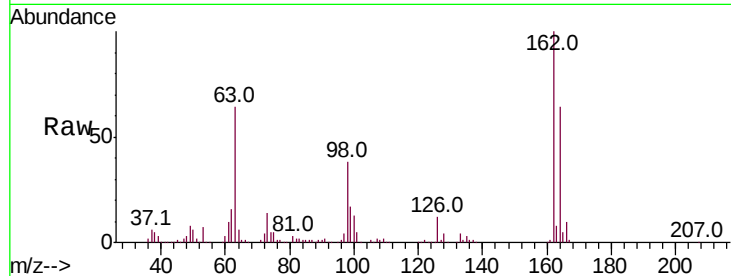
#29
2,4-Dichlorophenol
Concen: 43.575 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	38.2	18.1	58.1

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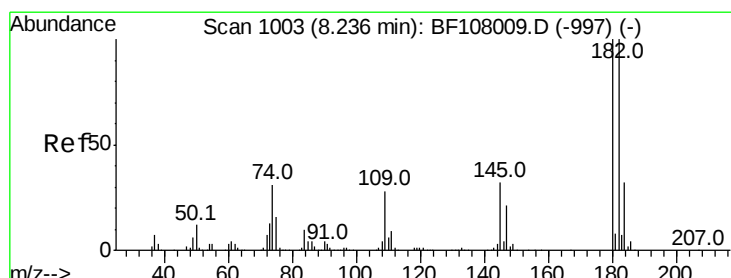
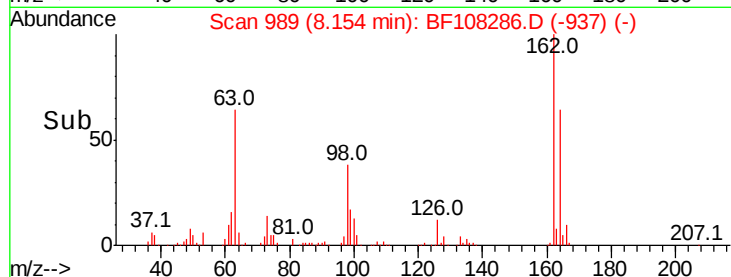
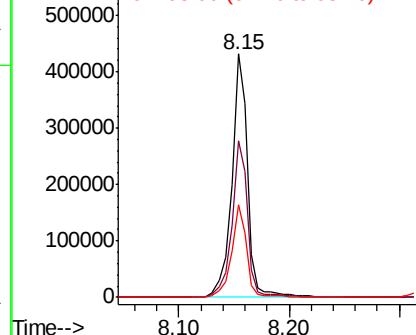


Abundance

Ion 162.00 (161.70 to 162.70): E

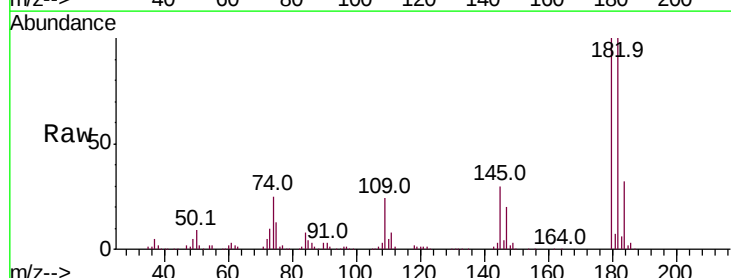
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.965 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.8	115.2
145	30.2	26.5	39.7

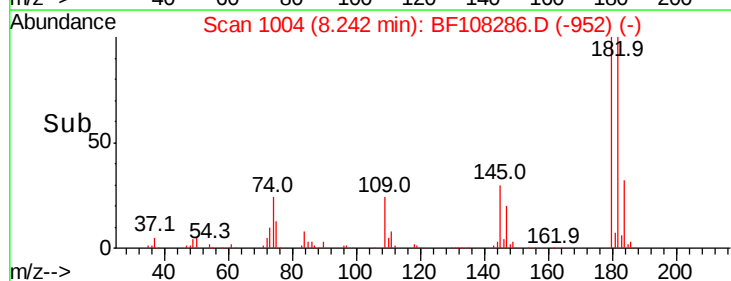
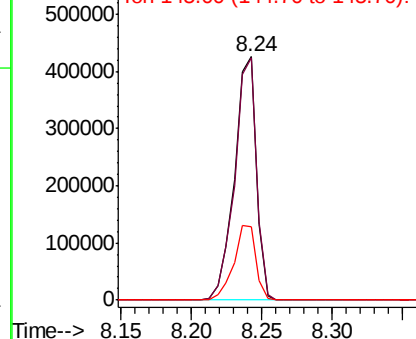


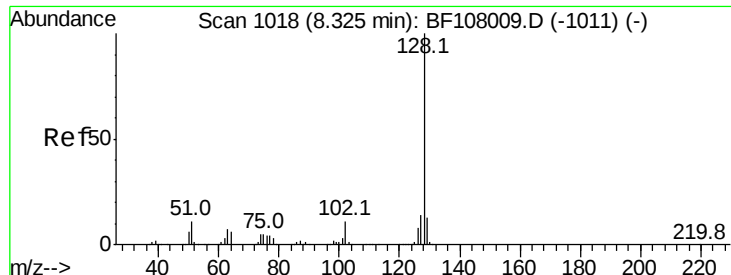
Abundance

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





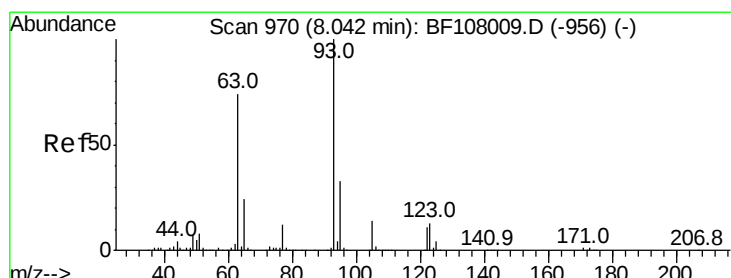
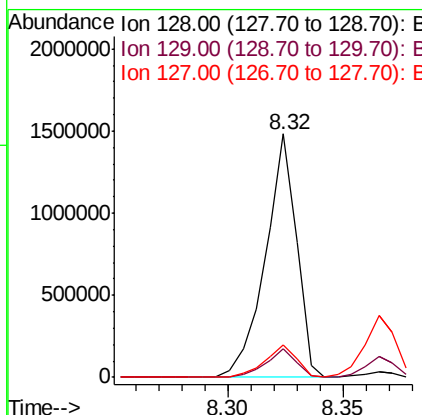
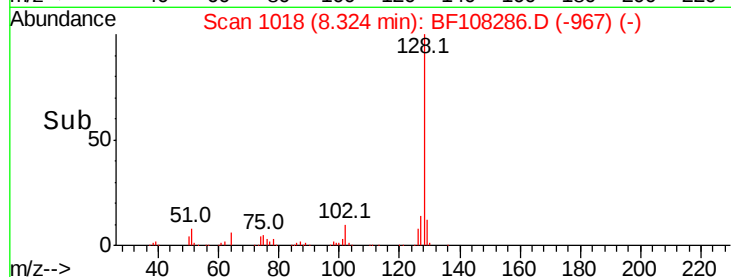
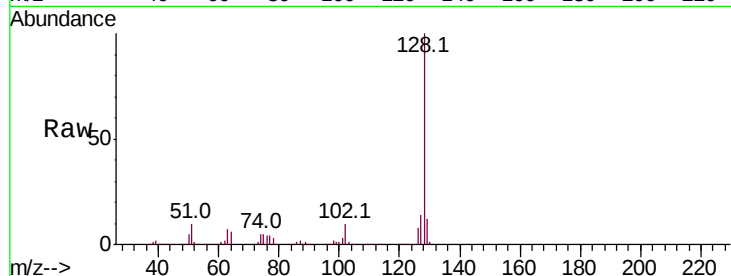
#31
Naphthalene
Concen: 42.999 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.5	10.9	16.3

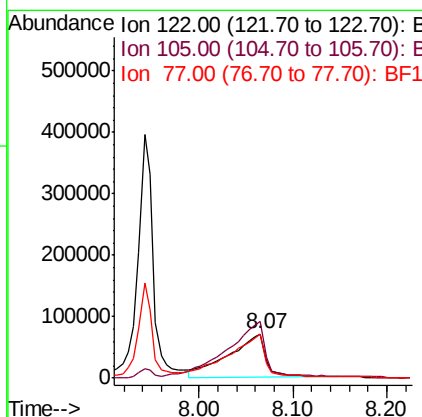
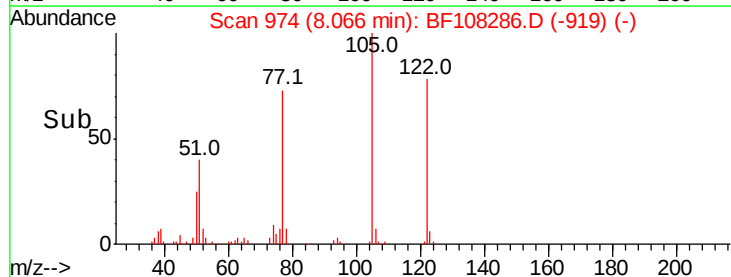
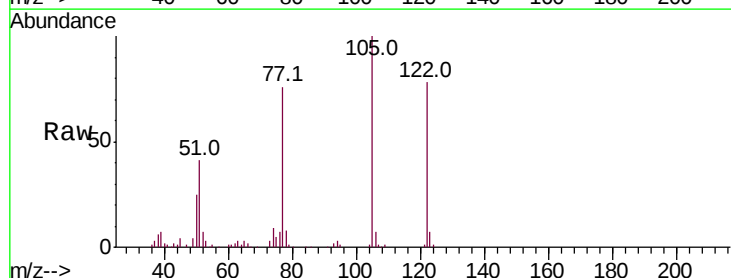
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#32
Benzoic acid
Concen: 33.483 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.4	101.1	141.1
77	97.4	70.7	110.7





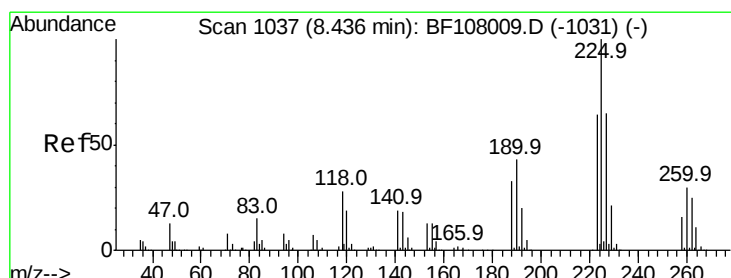
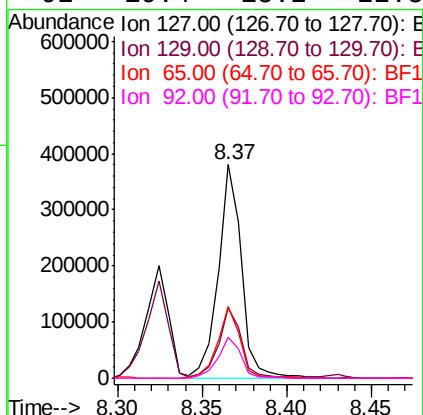
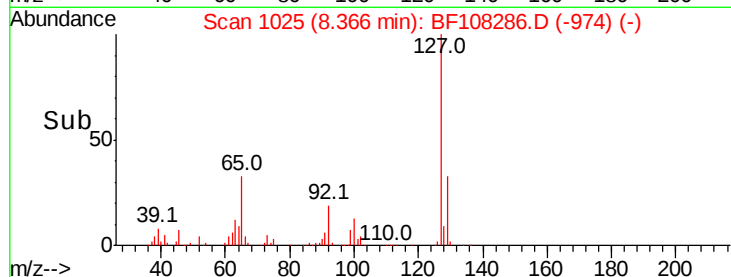
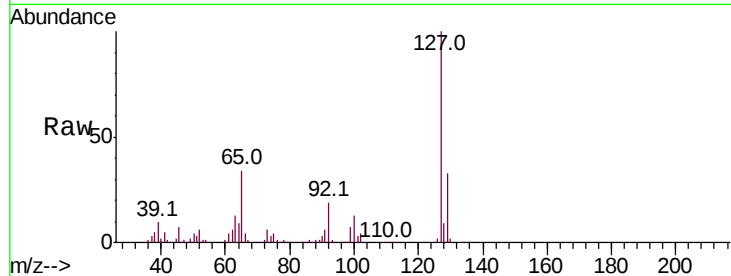
#33
4-Chloroaniline
Concen: 25.890 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	25.9	38.9	
65	33.7	25.0	37.4	
92	19.4	15.2	22.8	

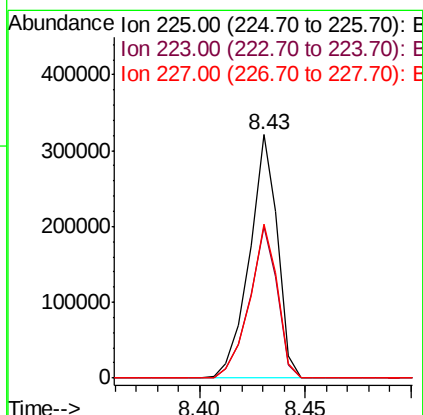
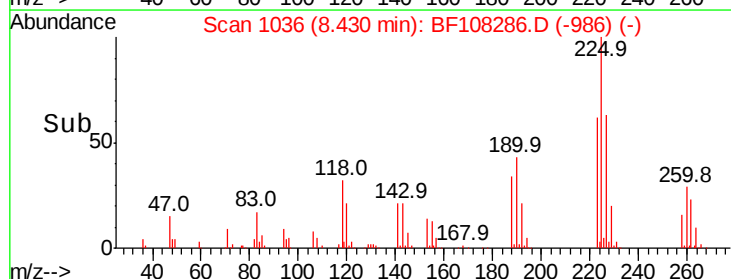
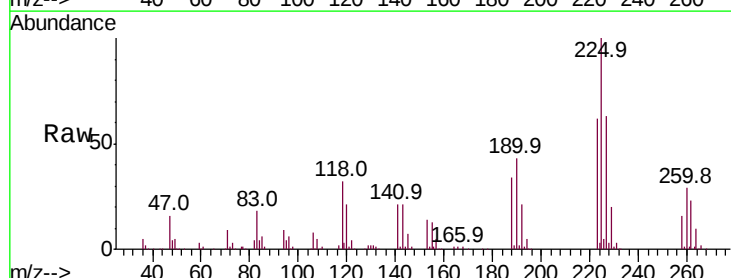
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#34
Hexachlorobutadiene
Concen: 42.610 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.6	76.0	
227	63.3	51.9	77.9	





#35

Caprolactam

Concen: 40.292 ng/ml

RT: 8.74 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleID :

PB112189BS

Tot Ion:113 Resp: 125371

Ion Ratio Lower Upper

113 100

55 208.2 163.3 203.3#

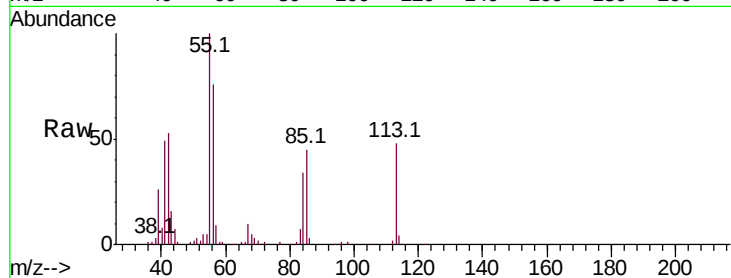
56 158.8 115.7 155.7#

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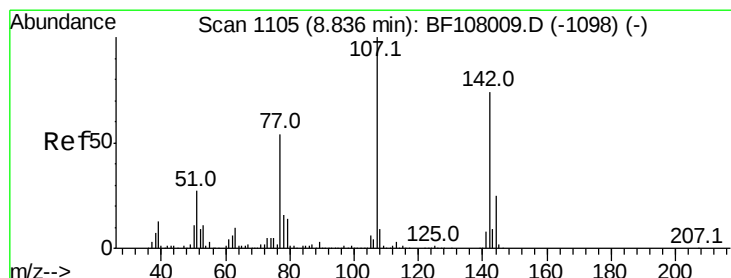
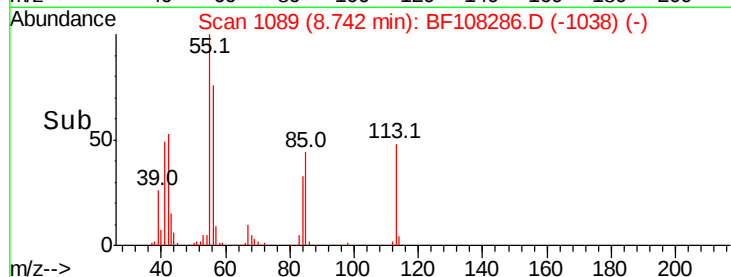
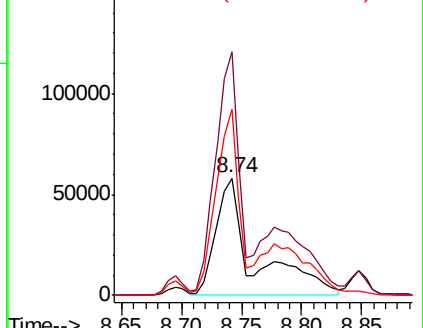
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.732 ng/ml

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

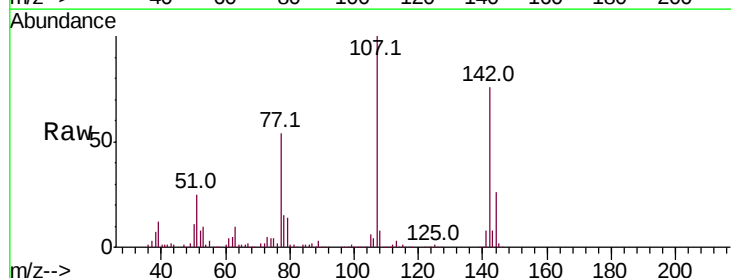
Tgt Ion:107 Resp: 447012

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

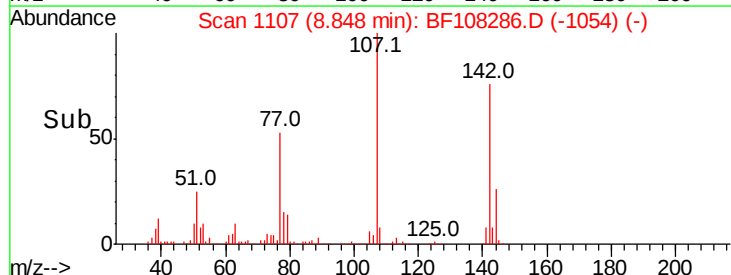
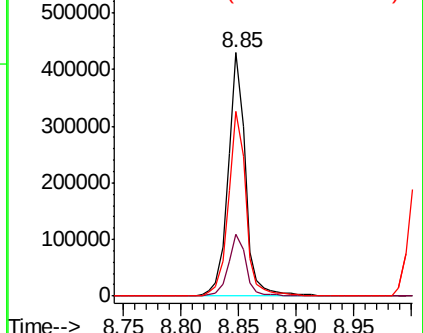
142 76.0 62.0 93.0

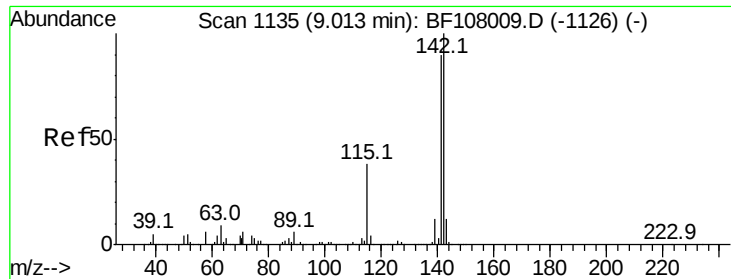


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





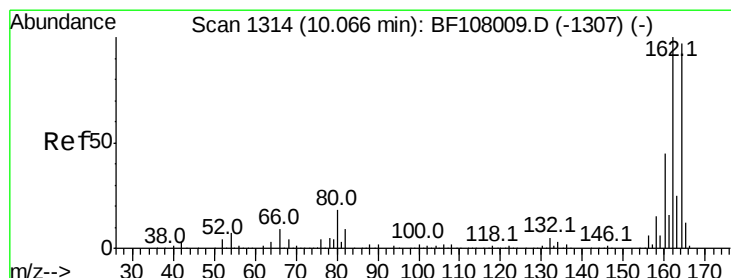
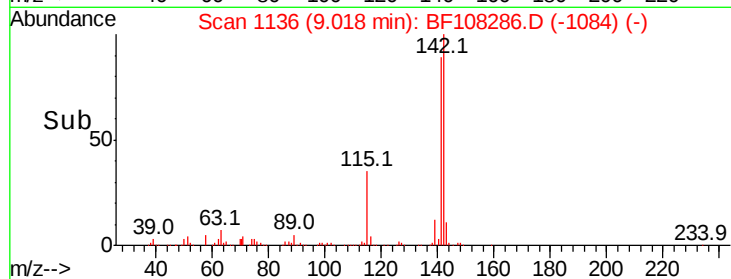
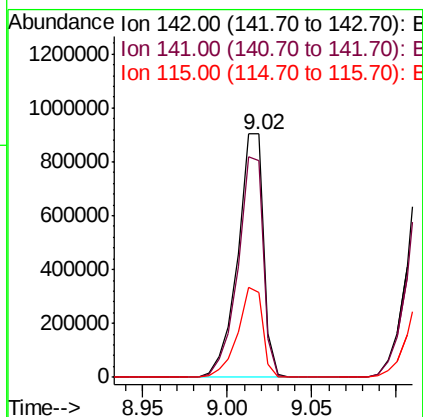
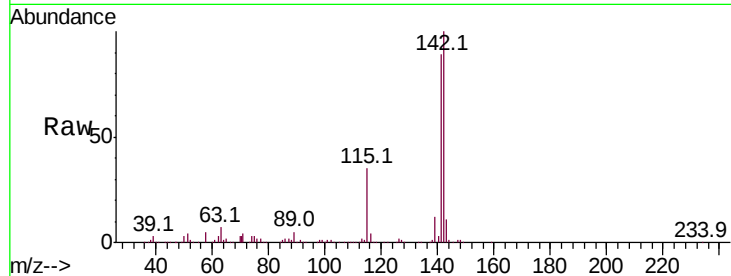
#37
2-Methylnaphthalene
Concen: 41.996 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	34.7	26.1	39.1

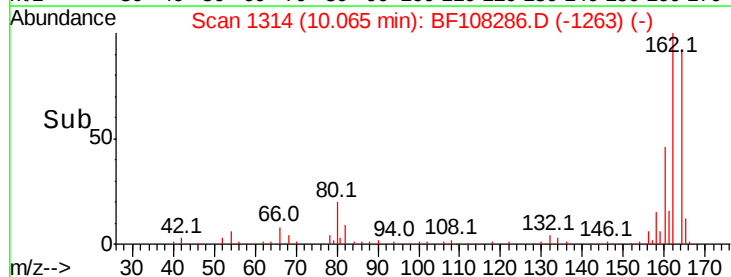
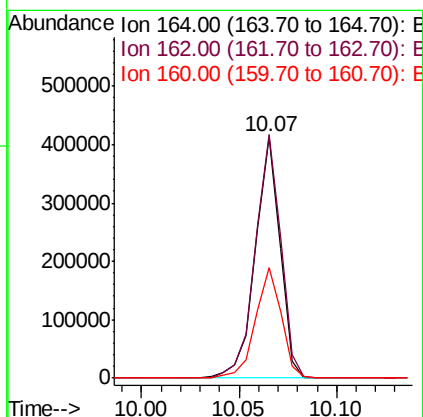
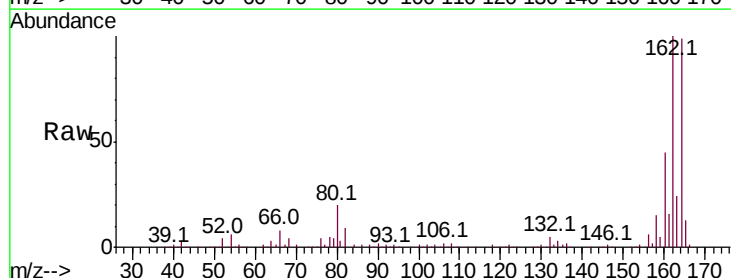
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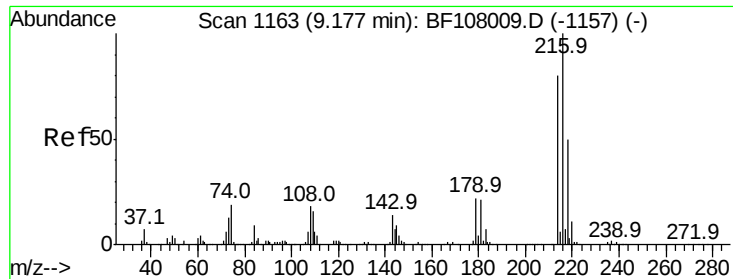
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.9	38.3	57.5





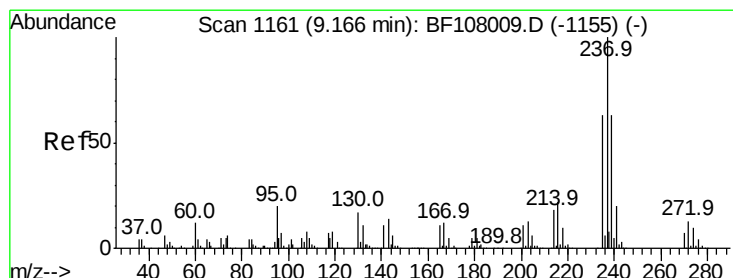
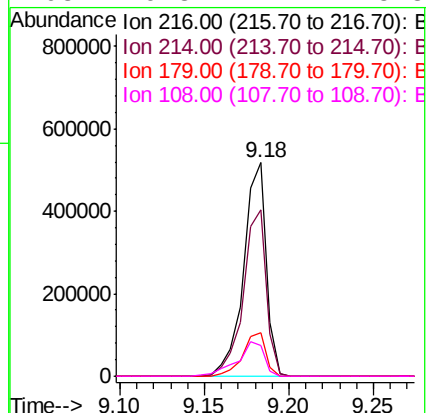
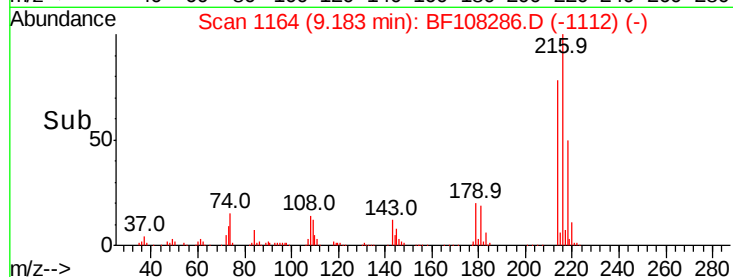
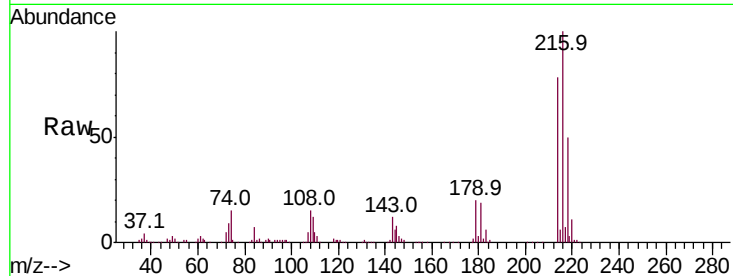
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.653 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.7	18.1	27.1
108	19.3	17.2	25.8

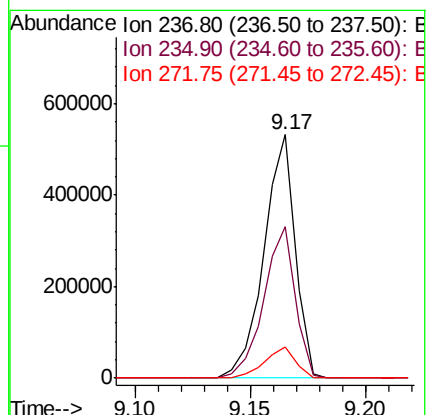
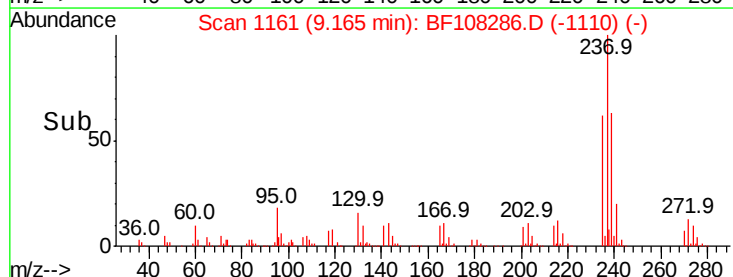
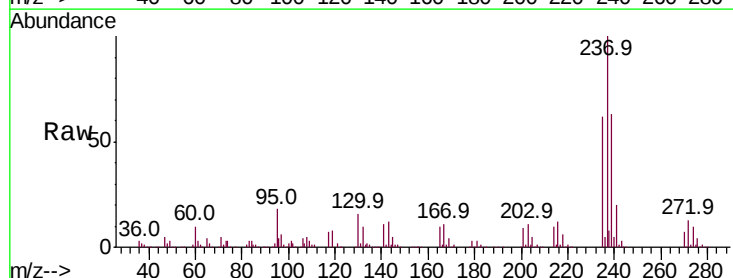
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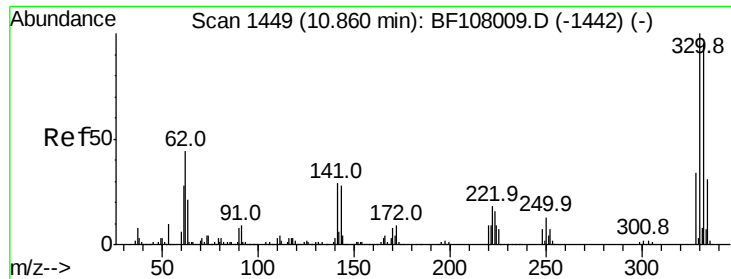
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#40
 Hexachlorocyclopentadiene
 Concen: 69.574 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.8	0.0	33.3





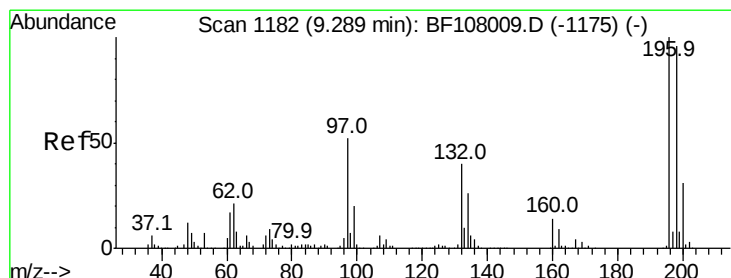
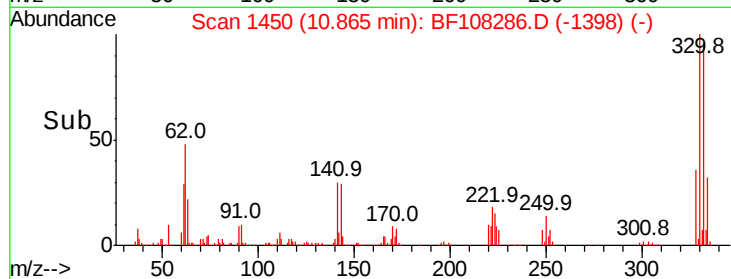
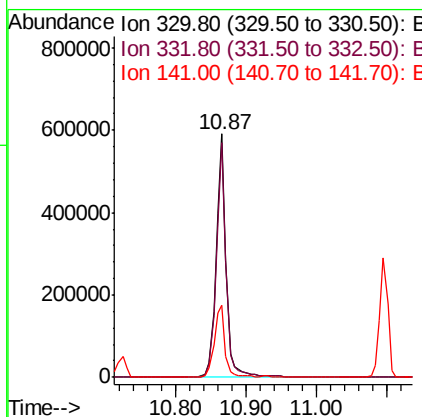
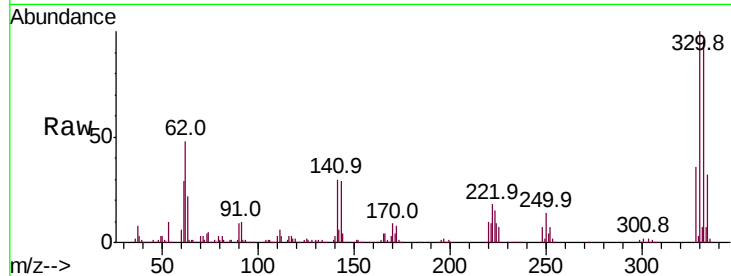
#41
 2,4,6-Tribromophenol
 Concen: 161.414 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	31.6	29.9	44.9	

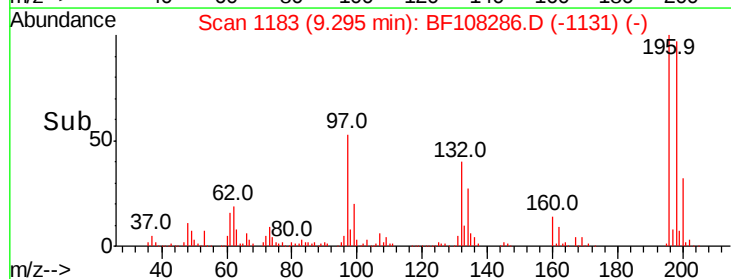
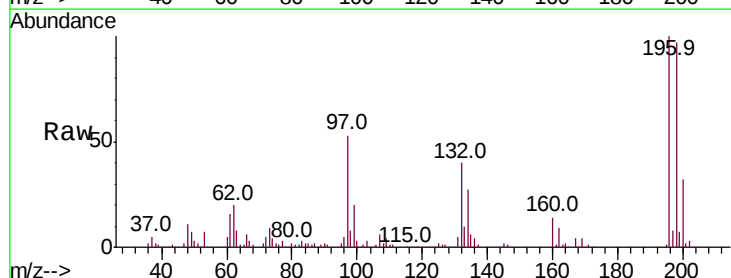
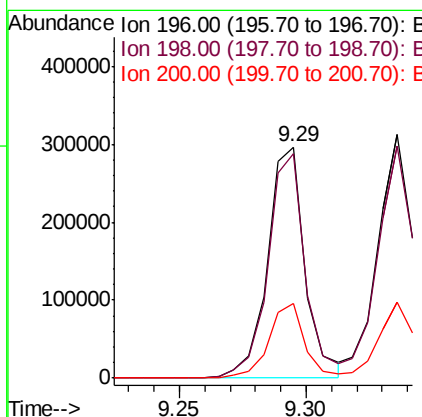
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 44.386 ng
 RT: 9.29 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.2	75.7	113.5	
200	32.2	24.5	36.7	





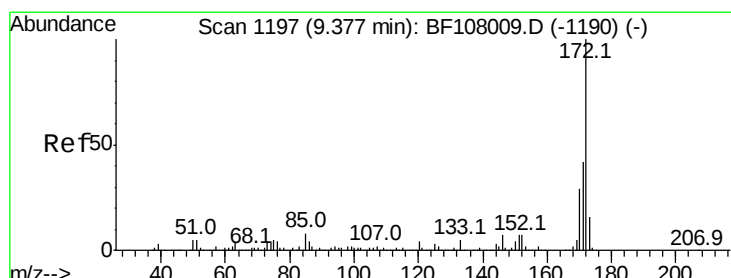
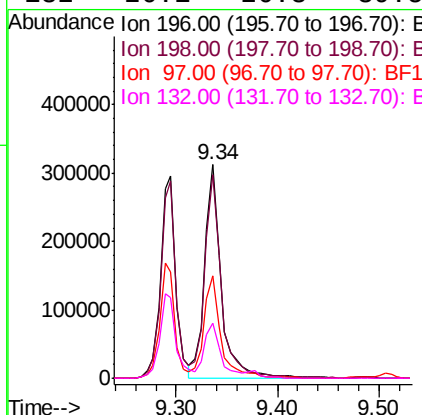
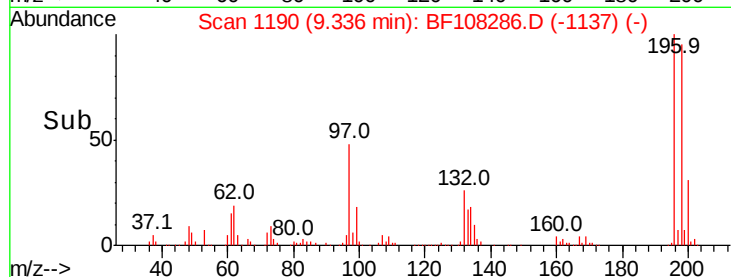
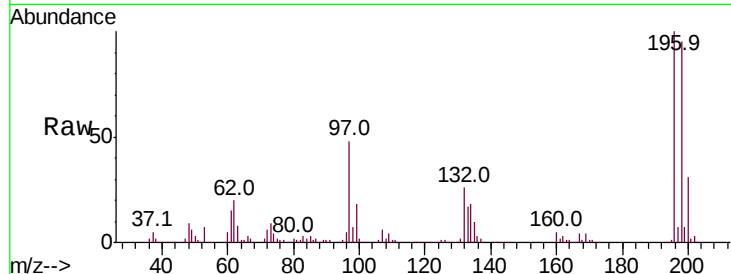
#43
 2,4,5-Trichlorophenol
 Concen: 46.396 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion:	196	Resp:	353486
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	48.2	42.9	64.3
132	26.1	26.3	39.5#

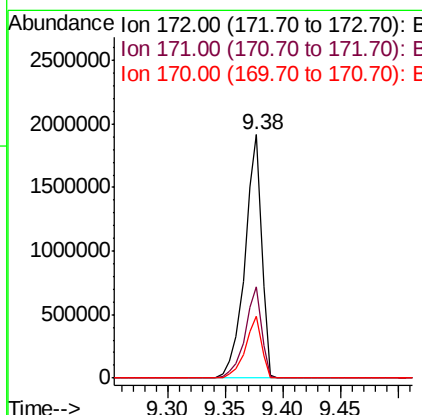
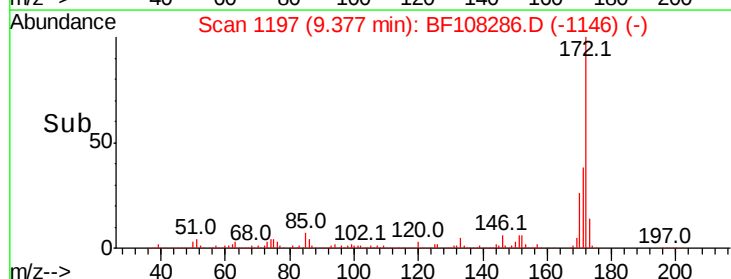
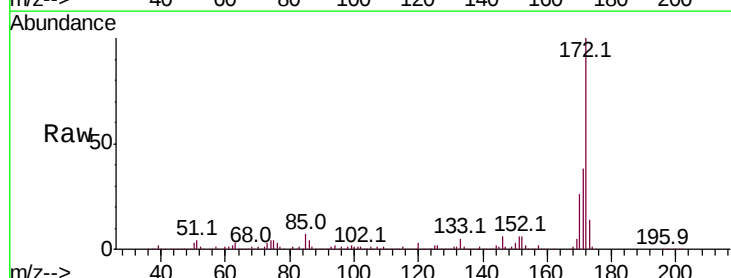
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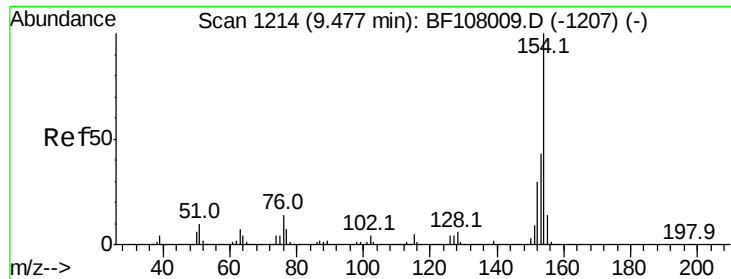
Sohil
 8/21/2018 1:42:44 PM



#44
 2-Fluorobiphenyl
 Concen: 84.900 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion:	172	Resp:	1920584
Ion Ratio	Lower	Upper	
172	100		
171	37.7	29.7	44.5
170	25.6	19.6	29.4





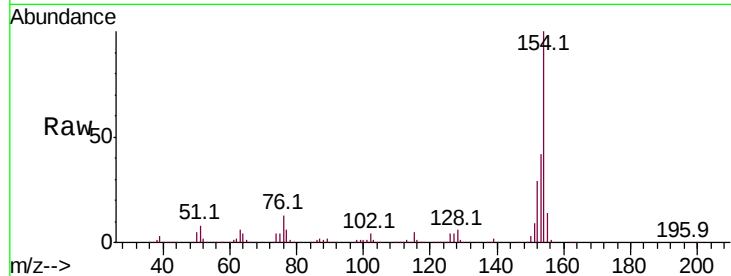
#45
 1,1'-Biphenyl
 Concen: 43.547 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

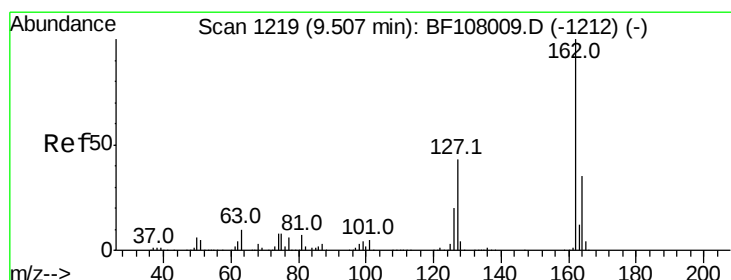
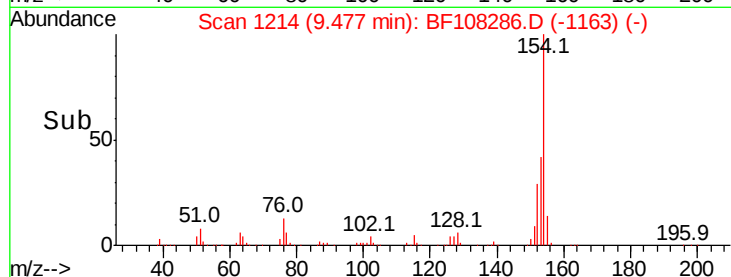
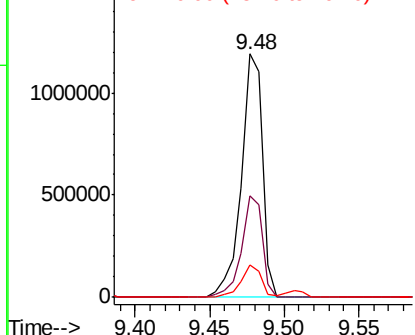
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	13.5	0.0	34.0

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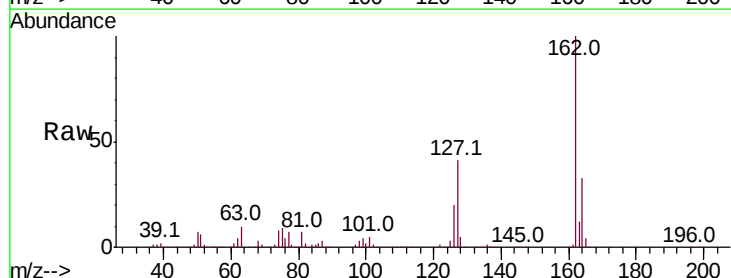


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

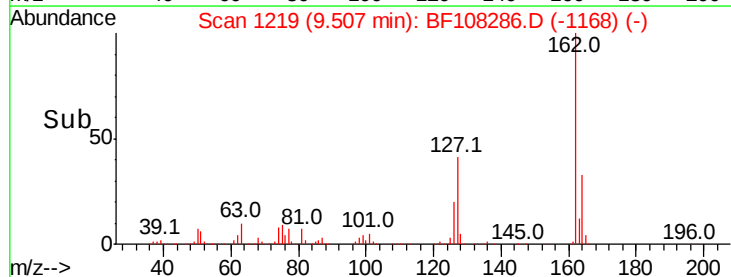
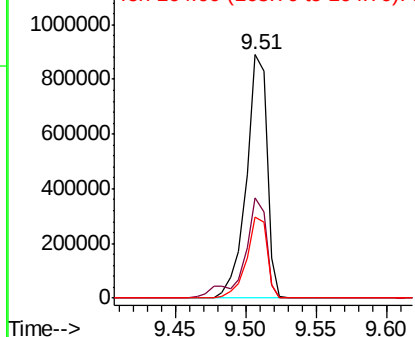


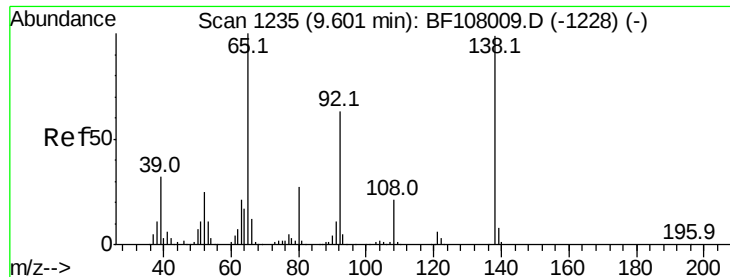
#46
 2-Chloronaphthalene
 Concen: 43.343 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	33.3	26.5	39.7



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





#47

2-Nitroaniline

Concen: 44.211 ng

RT: 9.60 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

Tot Ion: 65 Resp: 302750

Ion Ratio Lower Upper

65 100

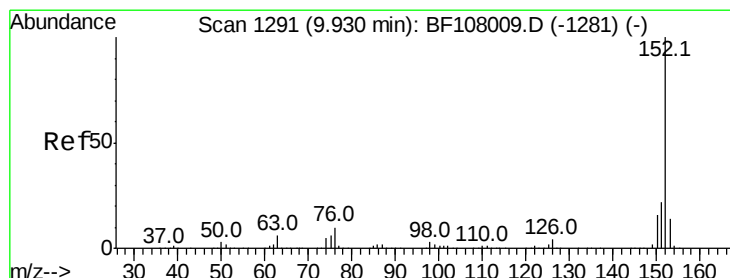
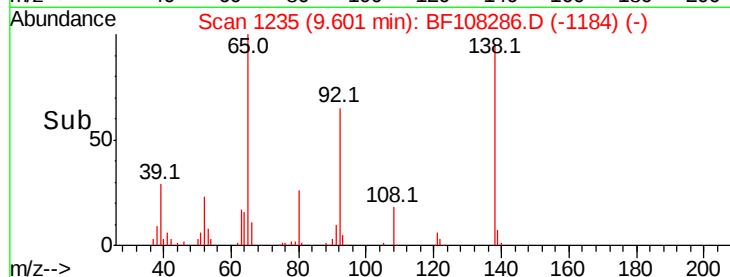
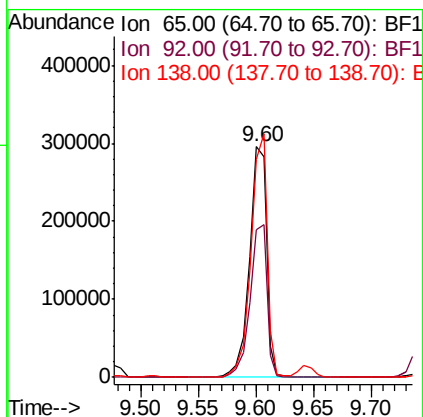
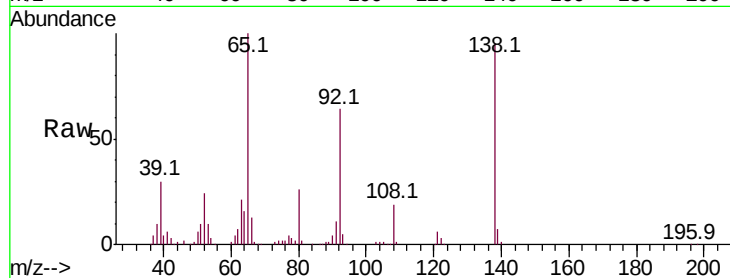
92 64.2 55.8 83.6

138 94.7 91.2 136.8

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#48

Acenaphthylene

Concen: 43.253 ng

RT: 9.93 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

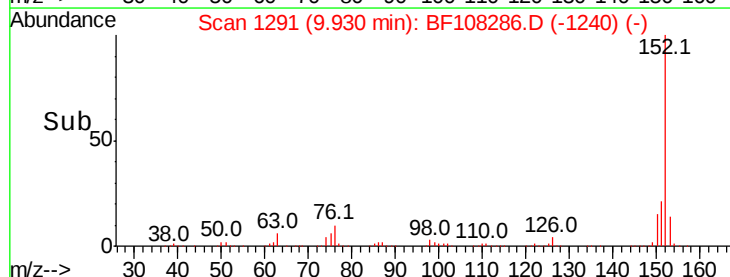
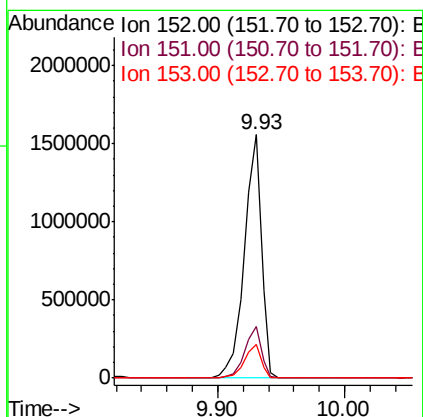
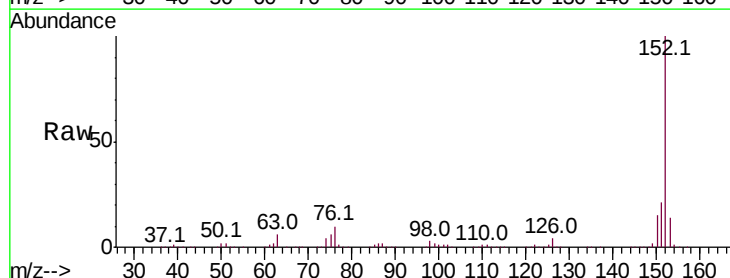
Tgt Ion: 152 Resp: 1447199

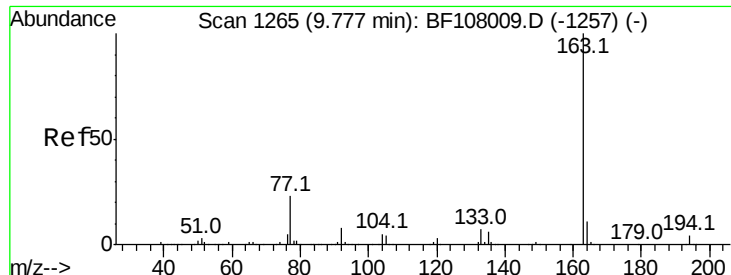
Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 13.8 10.7 16.1





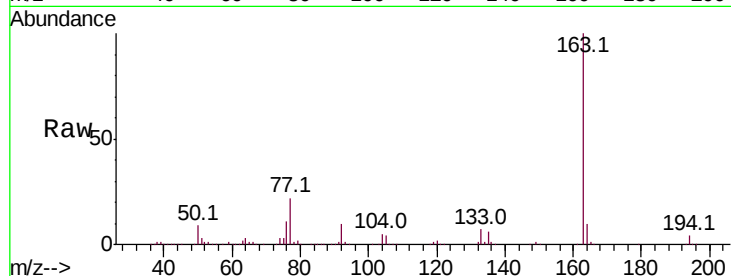
#49
Dimethylphthalate
Concen: 42.127 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

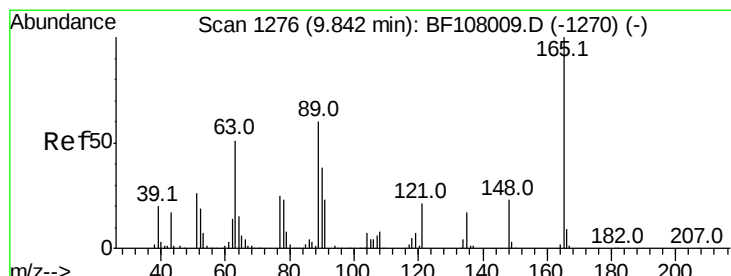
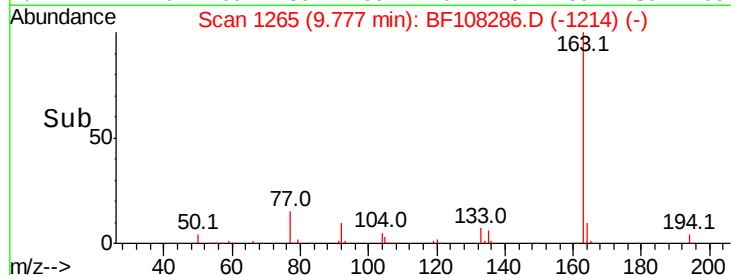
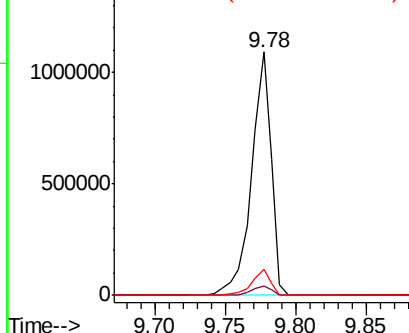
Tot Ion	163	Resp	1065761
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.4	8.2	12.2

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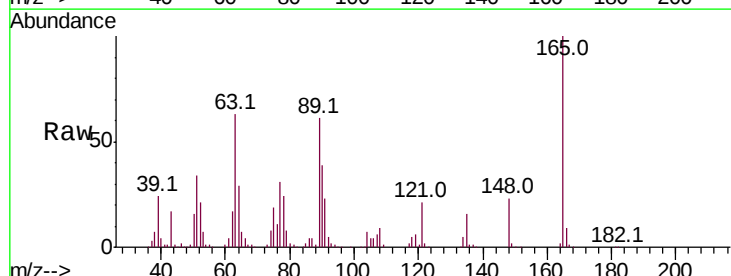


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

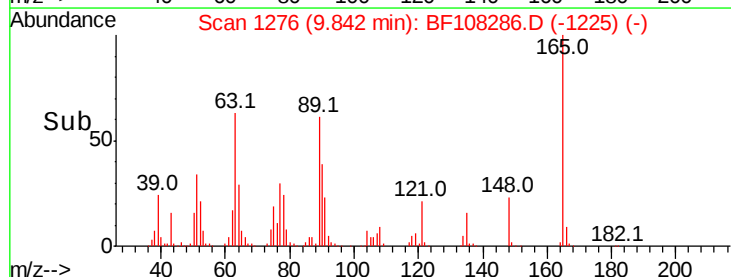
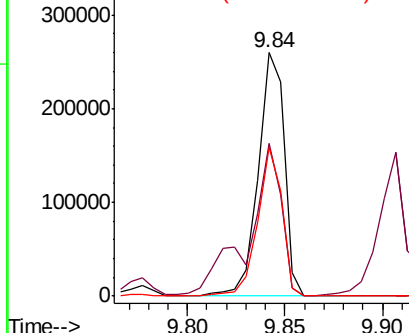


#50
2,6-Dinitrotoluene
Concen: 45.386 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	165	Resp	240232
Ion Ratio	Lower	Upper	
165	100		
63	62.5	44.7	67.1
89	61.0	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
300000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.037 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampled :

PB112189BS

Tot Ion:154 Resp: 861473

Ion Ratio Lower Upper

154 100

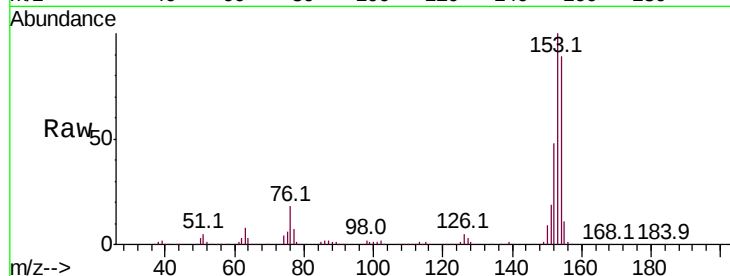
153 112.3 91.2 136.8

152 54.4 43.8 65.8

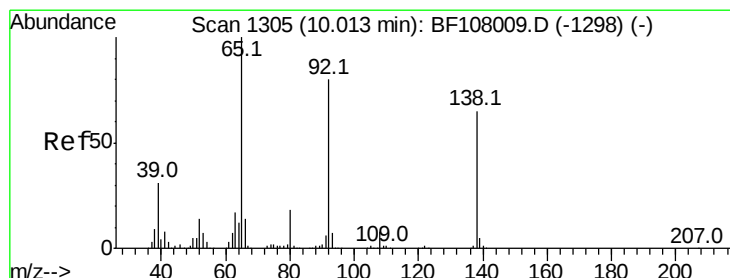
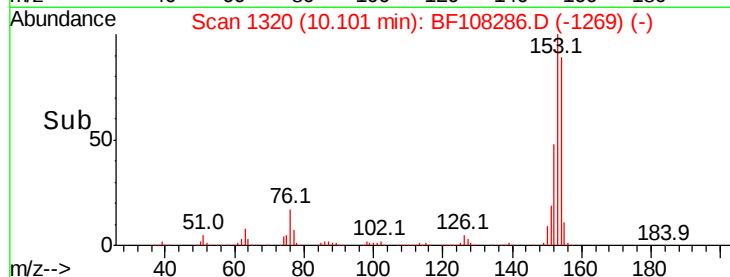
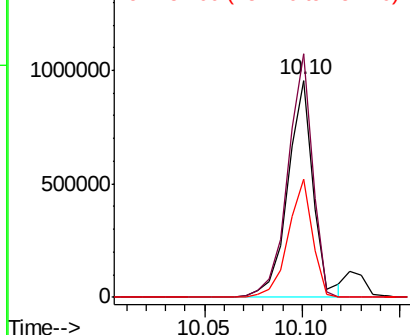
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.738 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

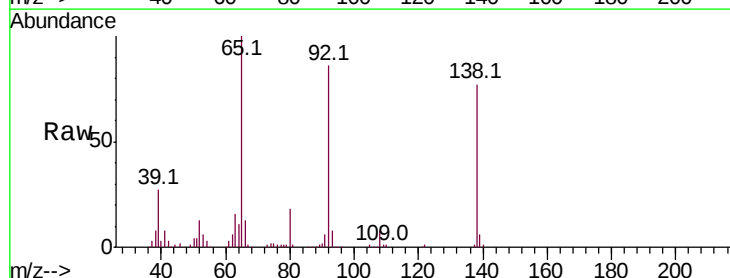
Tgt Ion:138 Resp: 189595

Ion Ratio Lower Upper

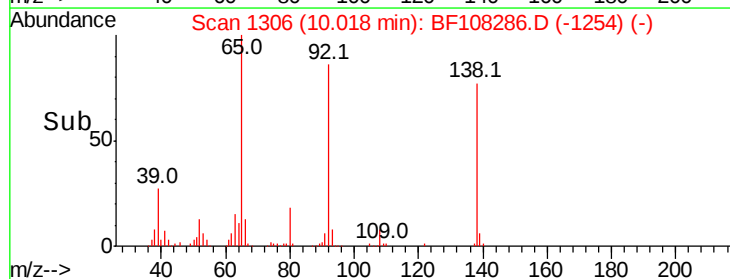
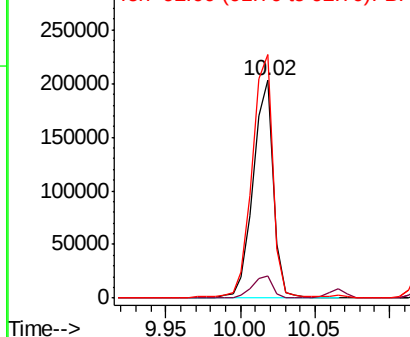
138 100

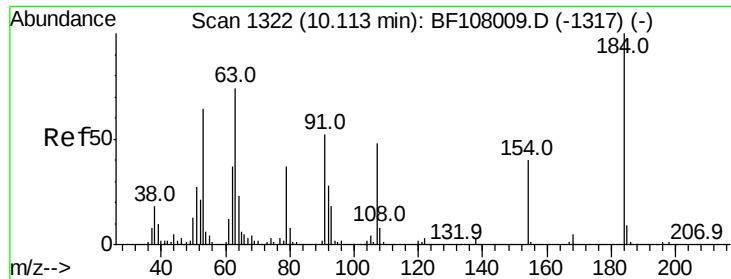
108 10.4 9.4 14.0

92 111.8 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





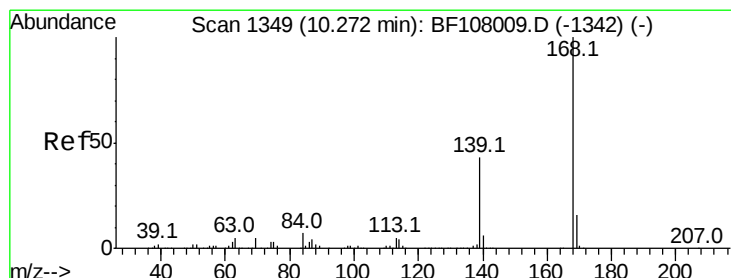
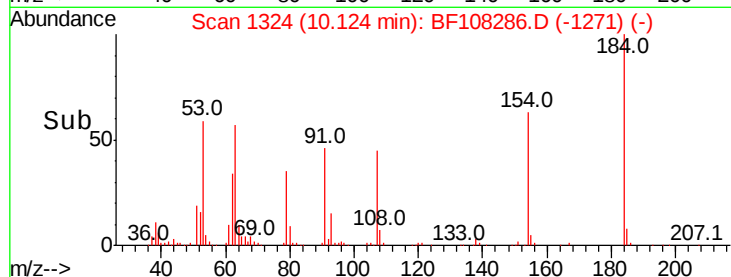
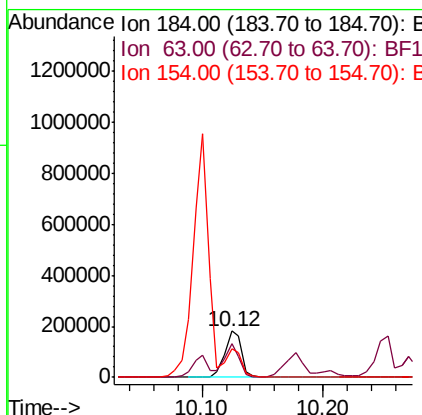
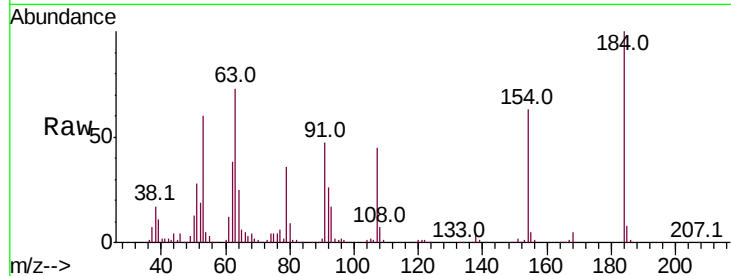
#53
2,4-Dinitrophenol
Concen: 89.010 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.4	54.2	81.2
154	62.5	184.0	276.0#

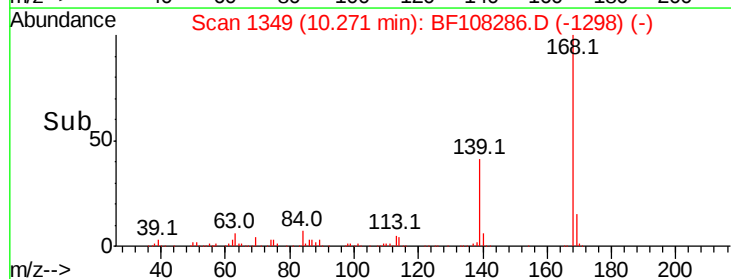
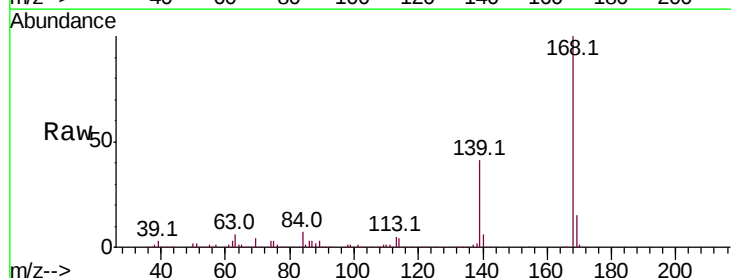
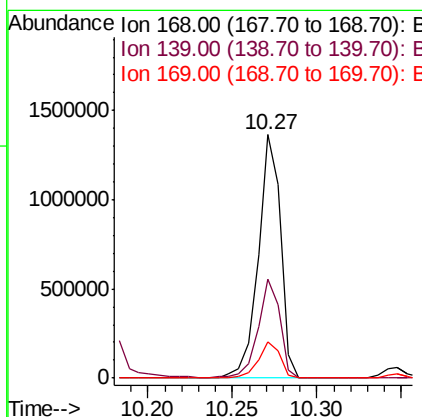
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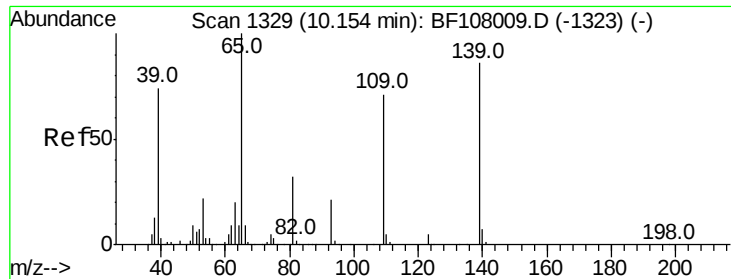
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#54
Dibenzofuran
Concen: 42.363 ng
RT: 10.27 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.1	45.1
169	14.7	10.9	16.3





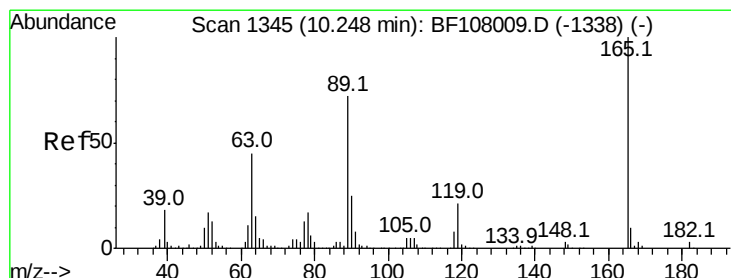
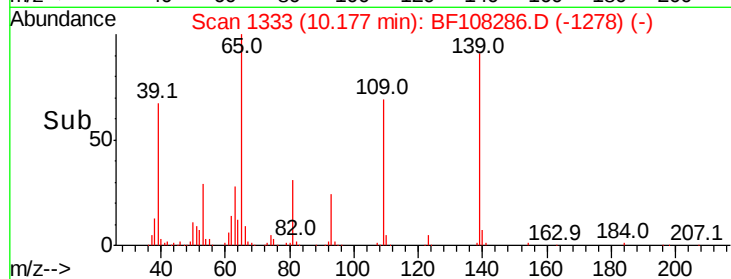
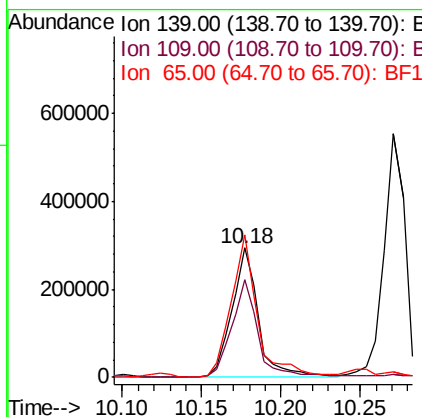
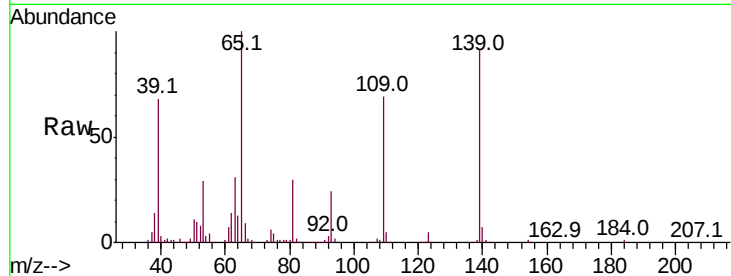
#55
4-Nitrophenol
Concen: 77.880 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	341537		
109	75.9	48.4	88.4	
65	109.9	72.6	112.6	

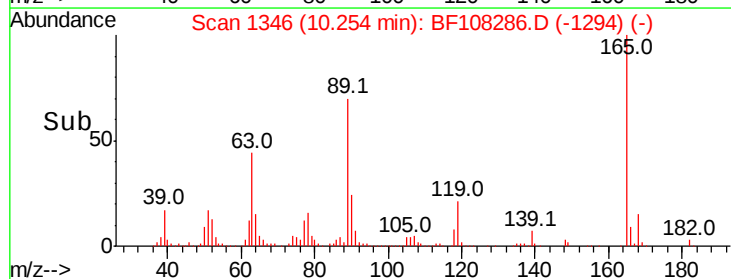
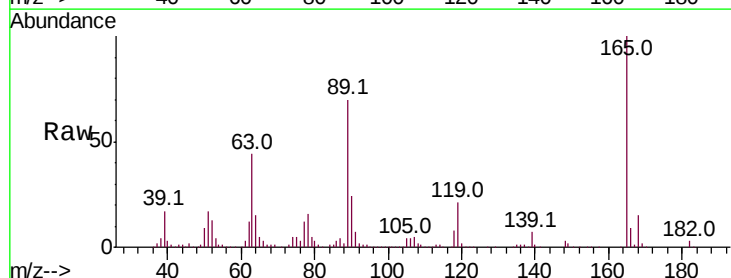
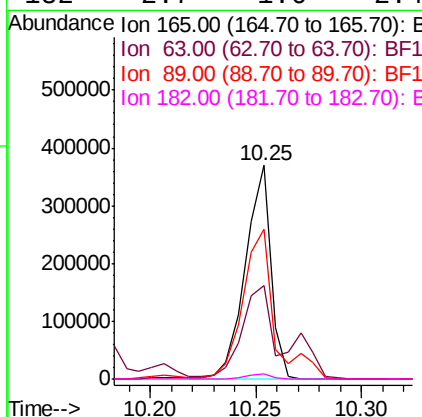
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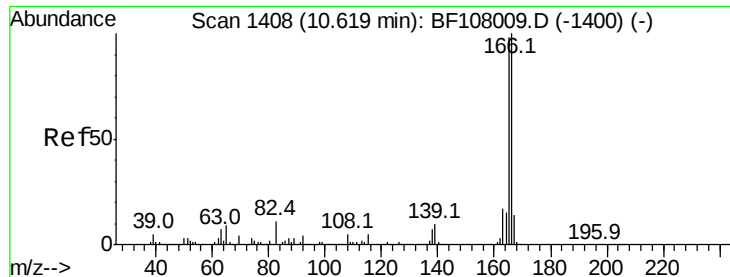
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.893 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	312674		
63	43.9	36.4	54.6	
89	69.9	57.8	86.6	
182	2.7	1.6	2.4	#





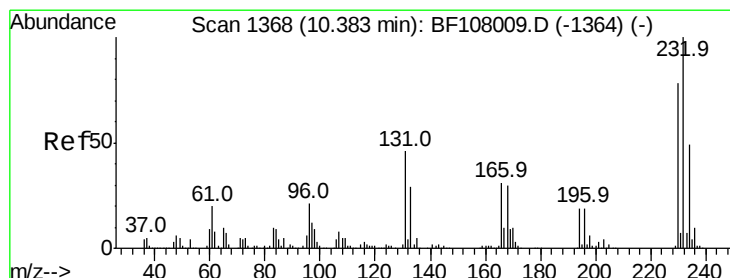
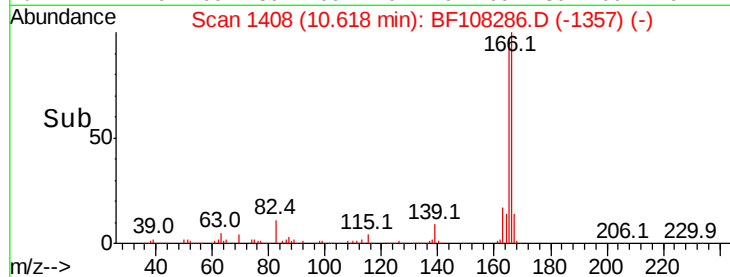
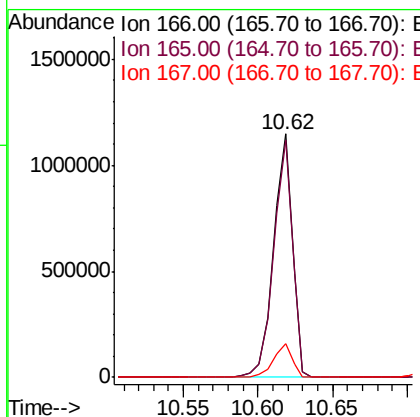
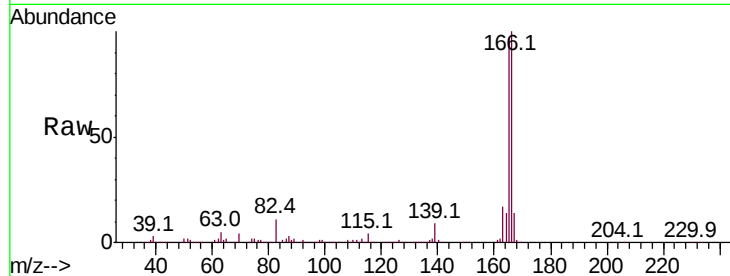
#57
 Fluorene
 Concen: 42.898 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	13.9	10.6	16.0

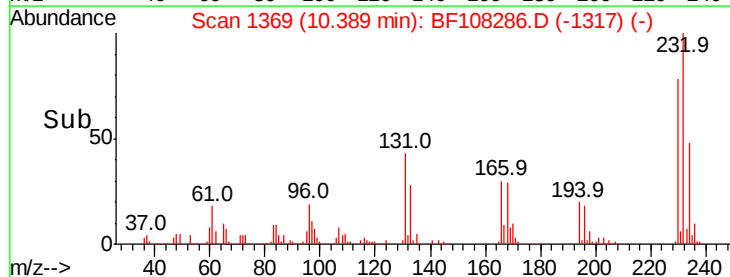
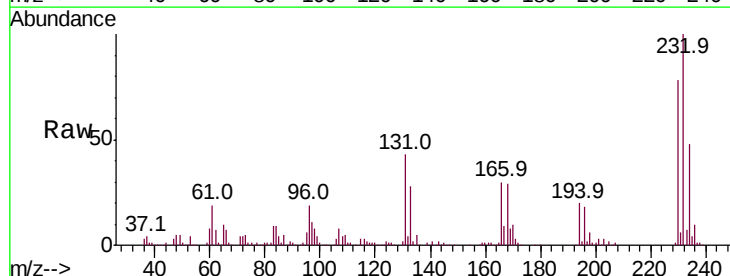
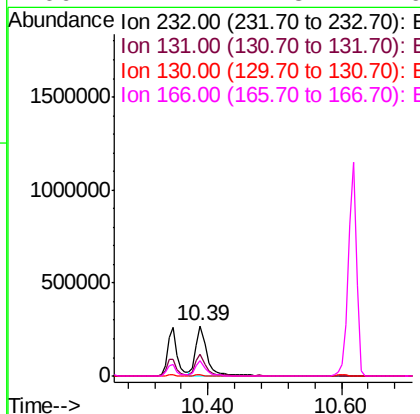
Manual Integrations
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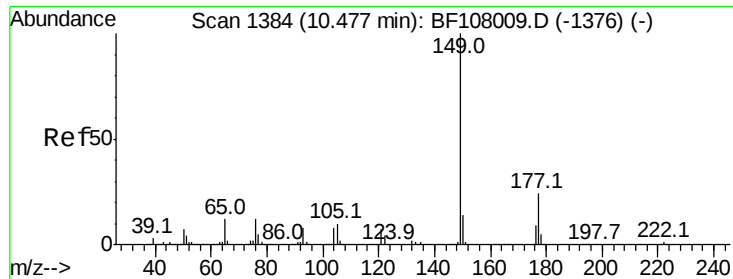
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.582 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.1	43.8	65.8#
130	2.2	2.1	3.1
166	27.4	27.8	41.6#





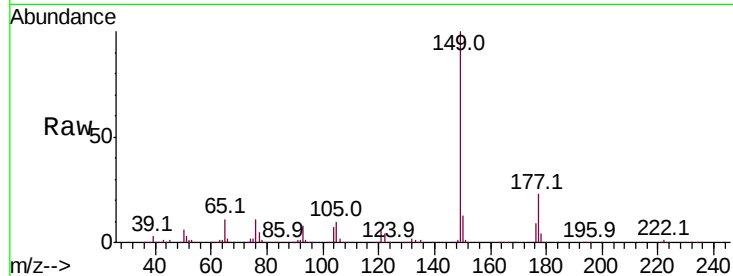
#59
Diethylphthalate
Concen: 42.115 ng
RT: 10.48 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.1	24.1
150	12.9	10.1	15.1

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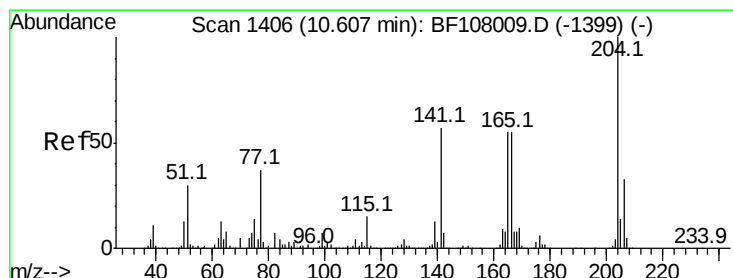
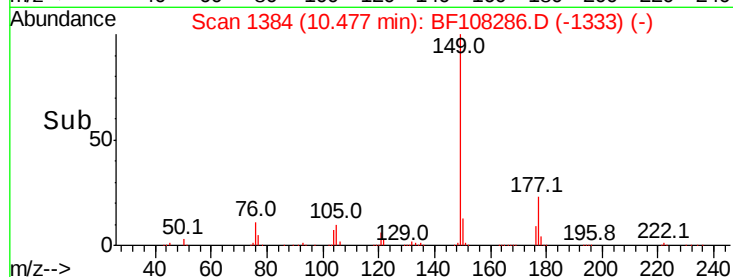
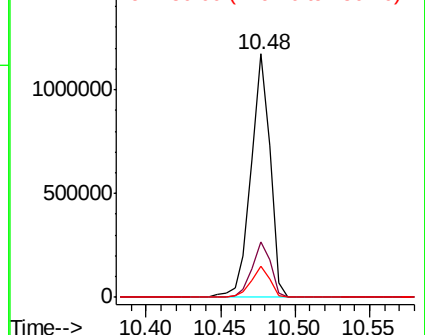


Abundance

Ion 149.00 (148.70 to 149.70): E

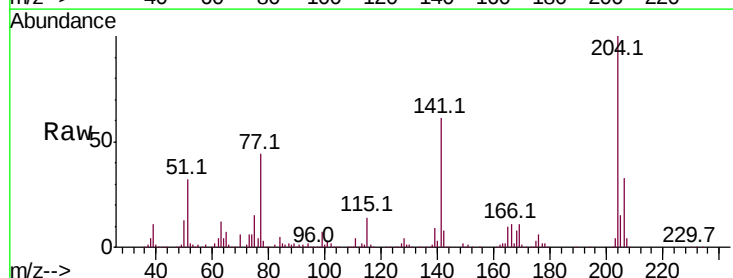
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 42.455 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	61.1	54.6	81.8

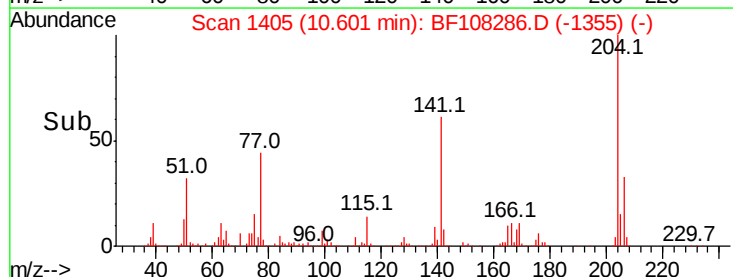
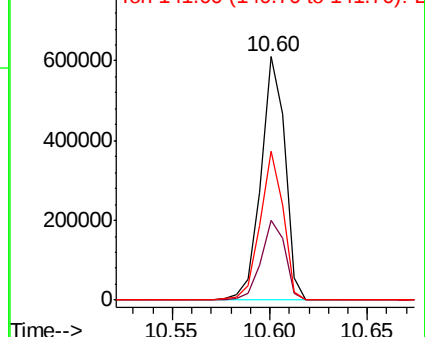


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





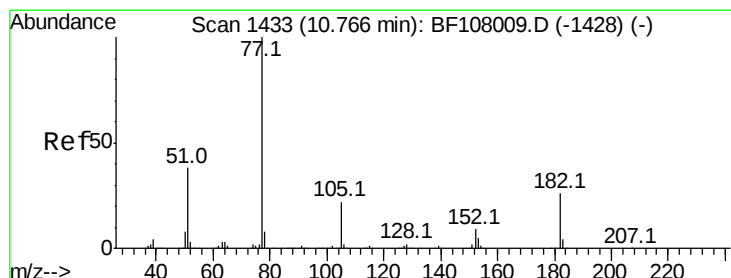
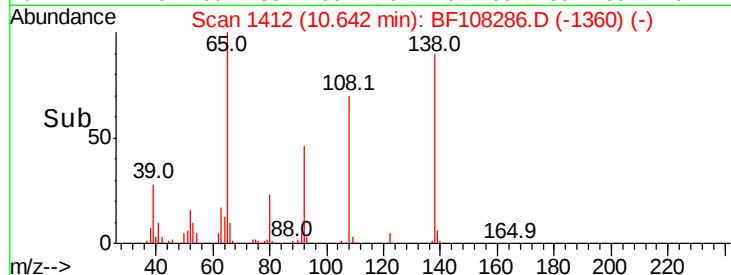
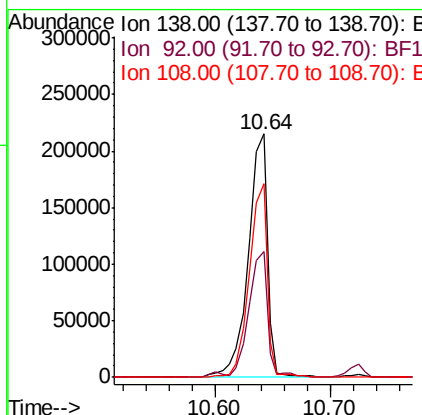
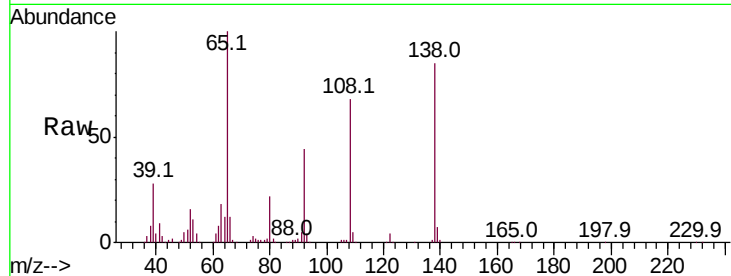
#61
4-Nitroaniline
Concen: 43.617 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	30.2	70.2
108	79.8	52.5	92.5

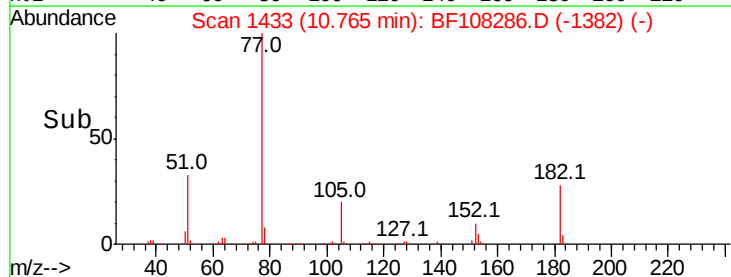
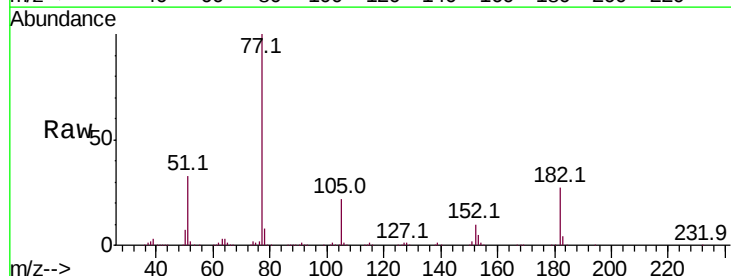
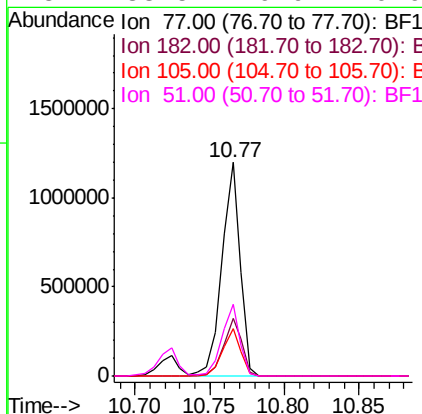
Manual Integrations
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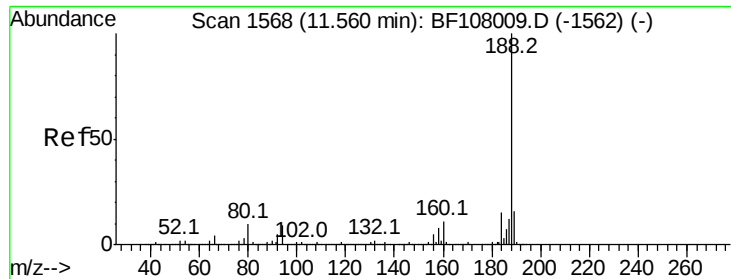
Sohil
8/21/2018 1:42:44 PM



#62
Azobenzene
Concen: 41.030 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	1.7	41.7
105	21.9	3.0	43.0
51	33.5	9.9	49.9





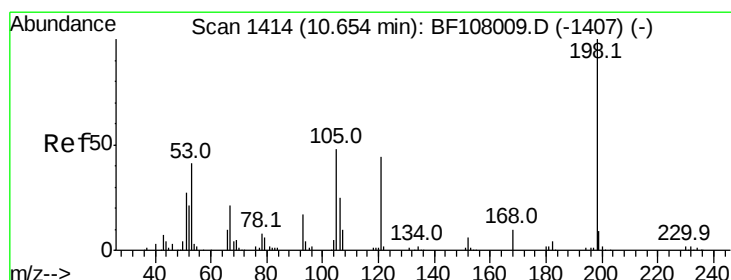
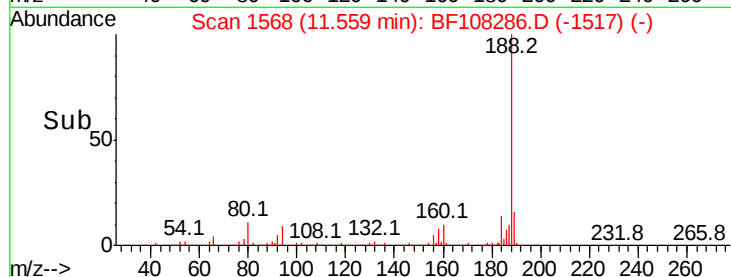
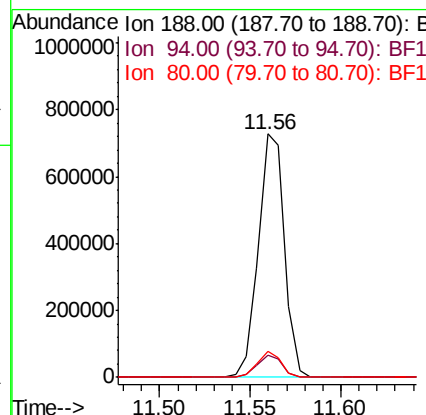
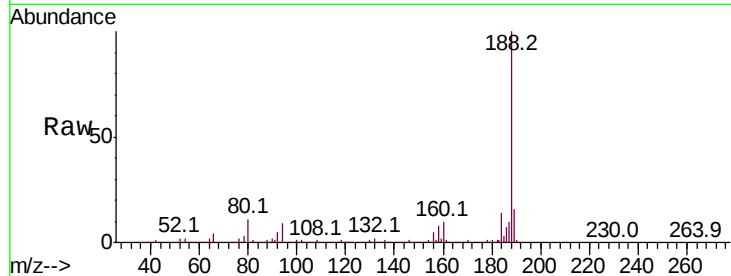
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	726977		
94	9.3		8.5	12.7
80	10.5		9.2	13.8

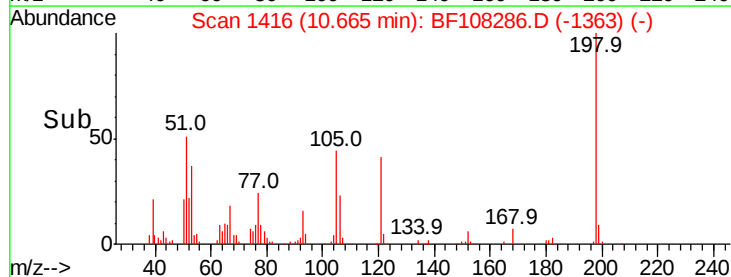
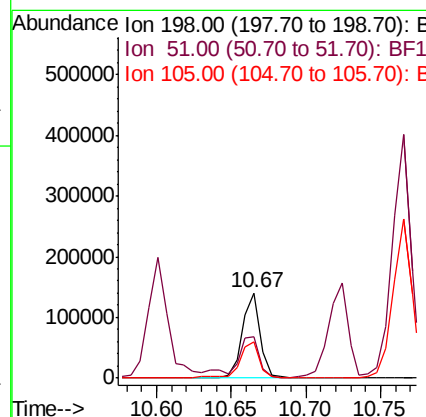
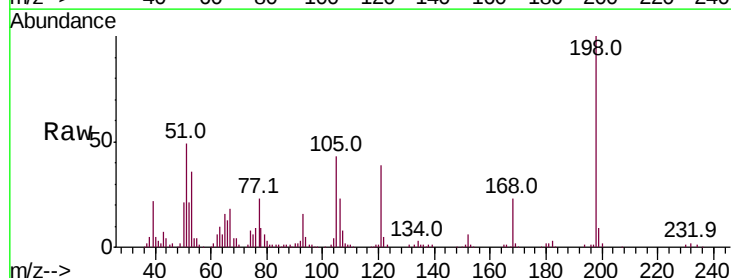
Manual Integrations
APPROVED

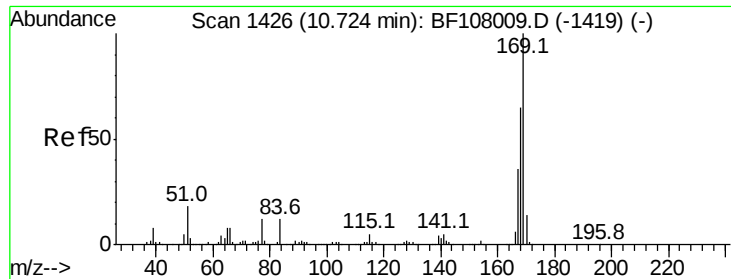
Sohil
8/21/2018 1:42:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.095 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119012		
51	48.8		37.7	77.7
105	42.6		36.3	76.3





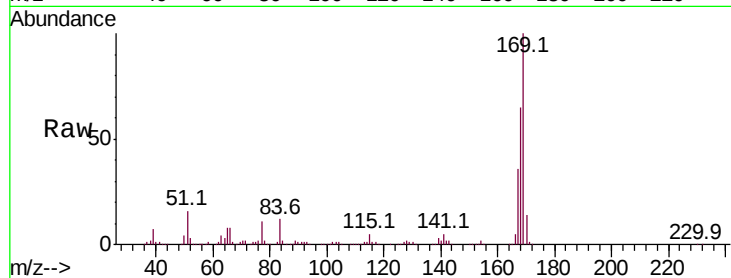
#65
n-Nitrosodiphenylamine
Concen: 42.304 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampled :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.0	54.4	81.6	
167	36.0	29.8	44.6	

Manual Integrations
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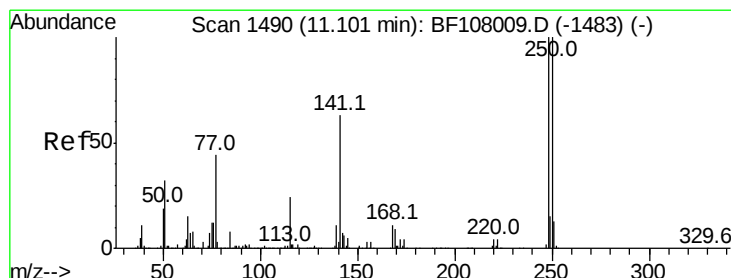
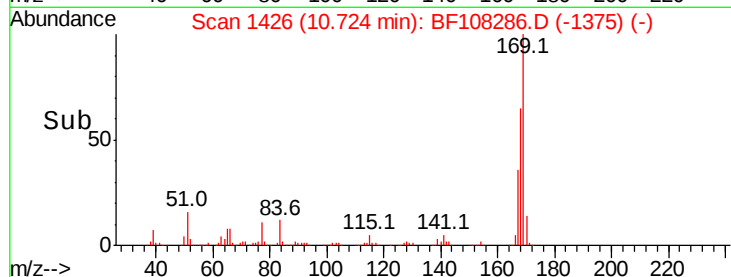
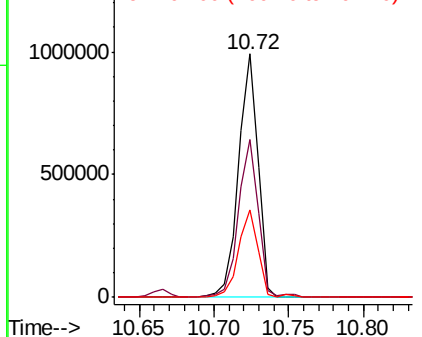


Abundance

Ion 169.00 (168.70 to 169.70): E

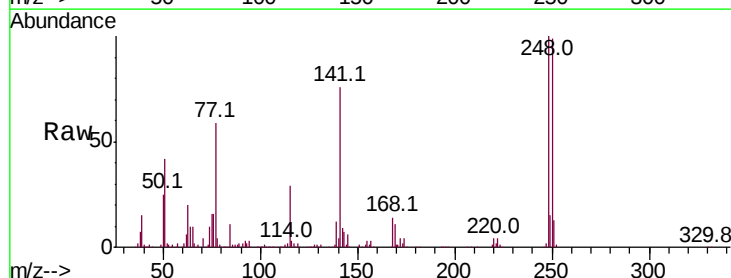
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 42.546 ng
RT: 11.09 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.2	76.9	115.3	
141	76.2	74.4	111.6	

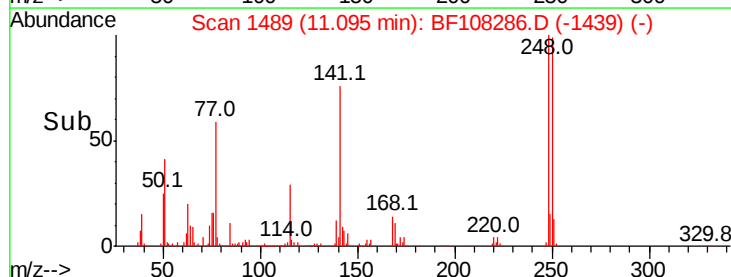
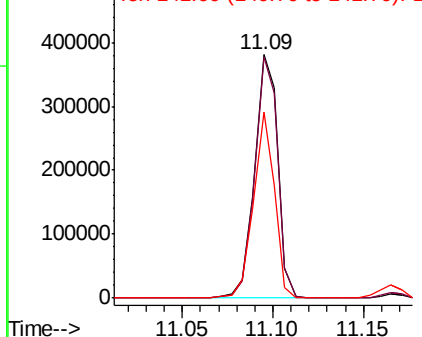


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





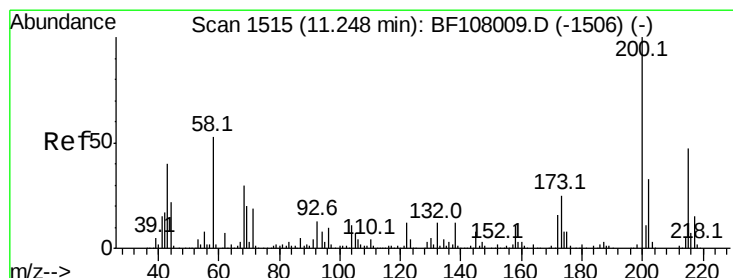
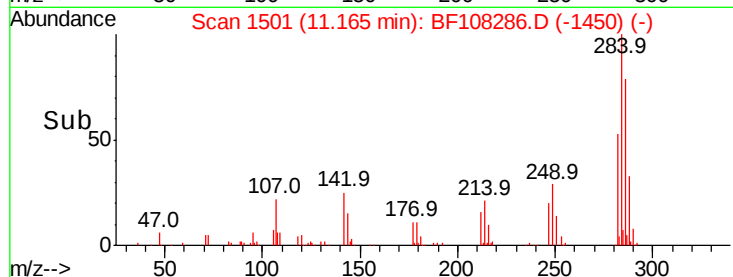
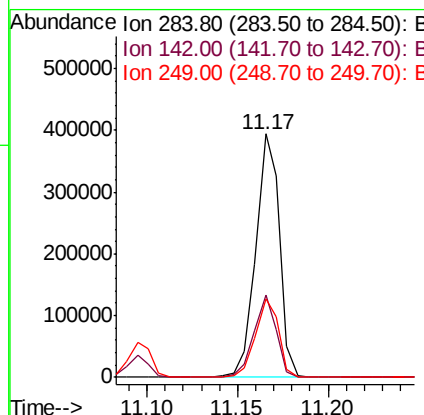
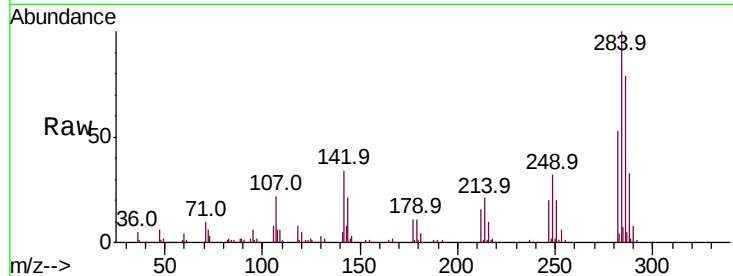
#67
Hexachlorobenzene
Concen: 42.889 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.0	34.6	52.0	
249	32.4	24.8	37.2	

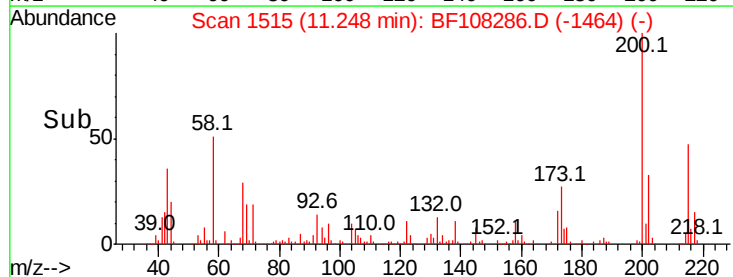
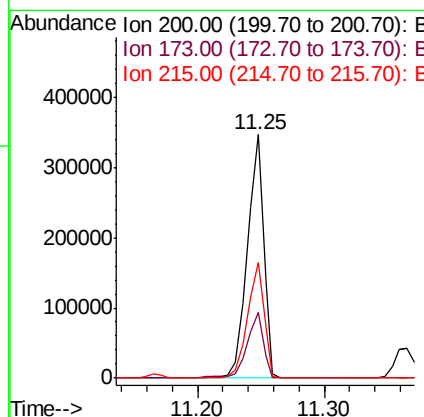
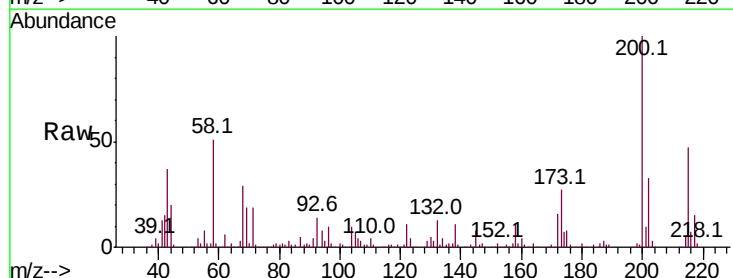
Manual Integrations
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#68
Atrazine
Concen: 42.846 ng
RT: 11.25 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	8.6	48.6	
215	47.3	25.1	65.1	





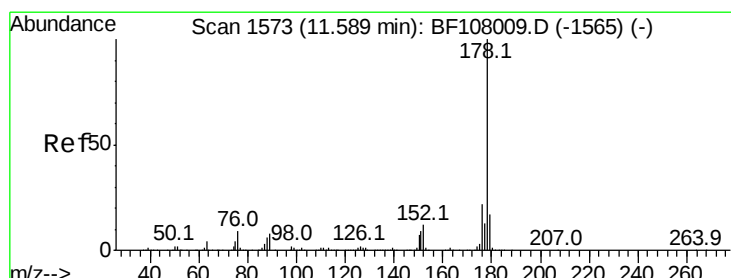
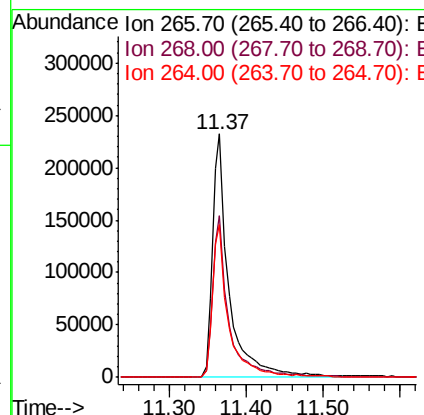
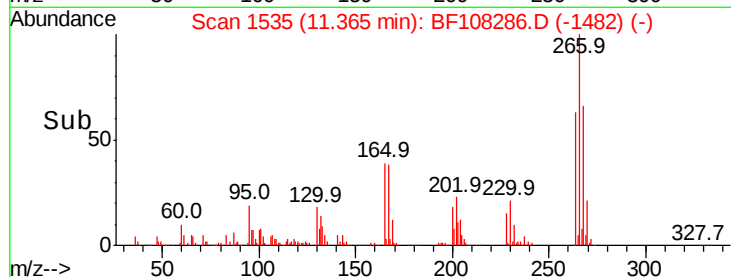
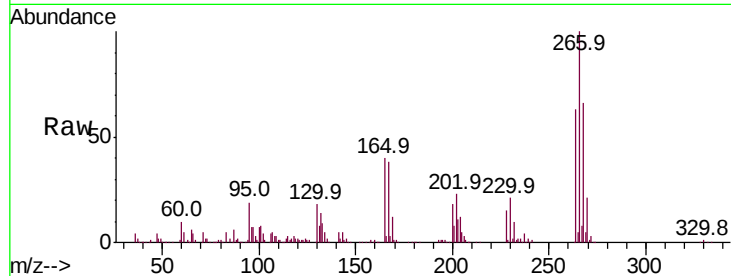
#69
 Pentachlorophenol
 Concen: 86.165 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	342820		
268	66.2	51.1	76.7	
264	62.5	49.5	74.3	

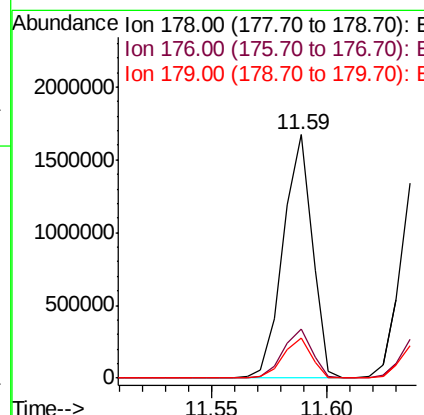
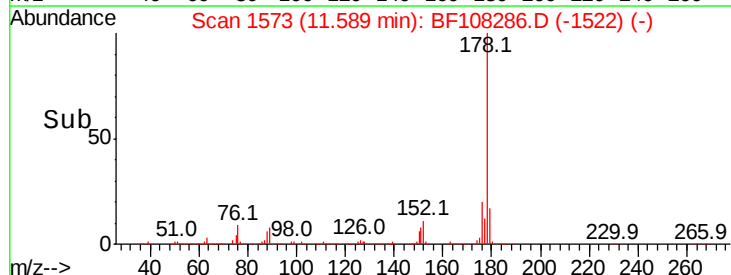
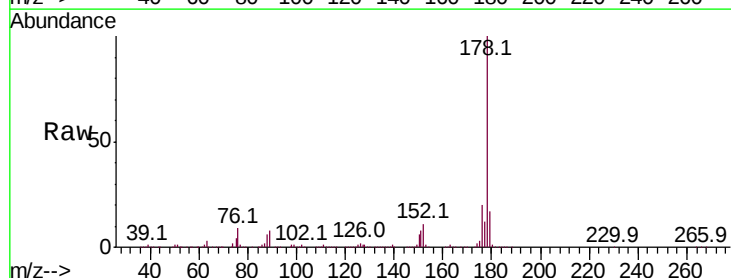
Manual Integrations
 APPROVED

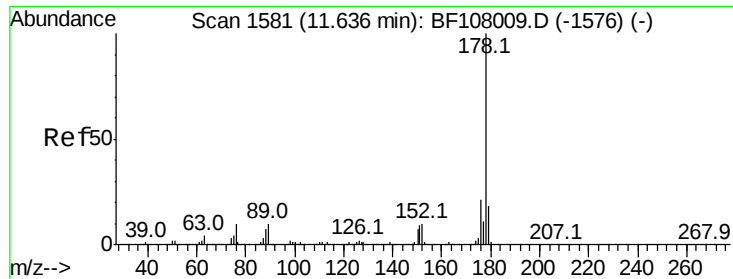
Sohil
 8/21/2018 1:42:44 PM



#70
 Phenanthrene
 Concen: 42.617 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1461298		
176	20.4	15.8	23.8	
179	16.5	13.0	19.6	





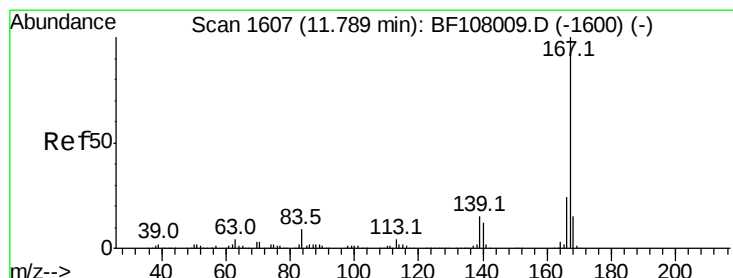
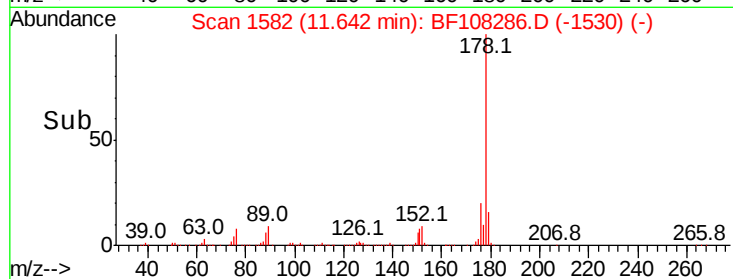
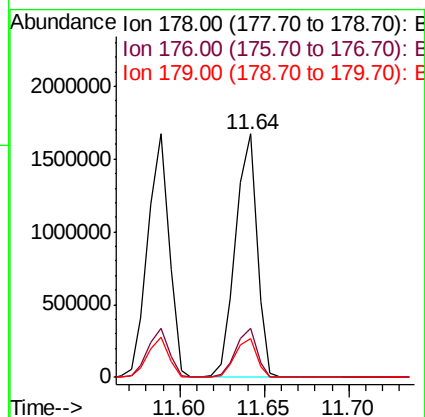
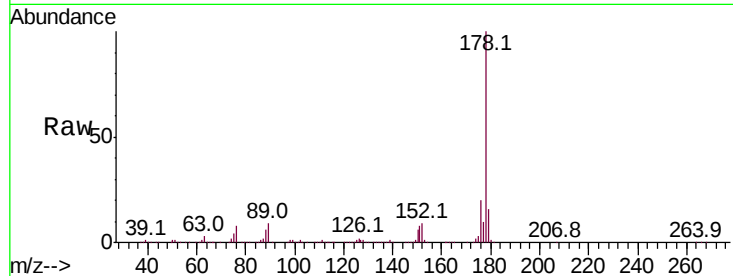
#71
 Anthracene
 Concen: 42.450 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.2	12.6	19.0

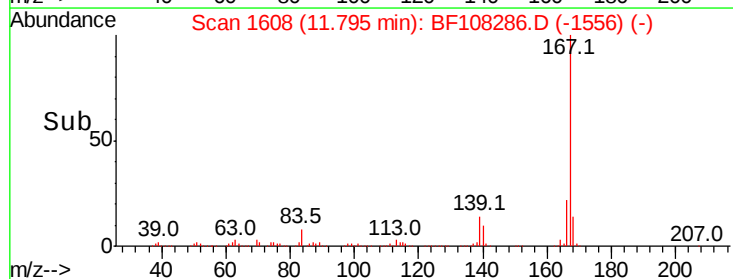
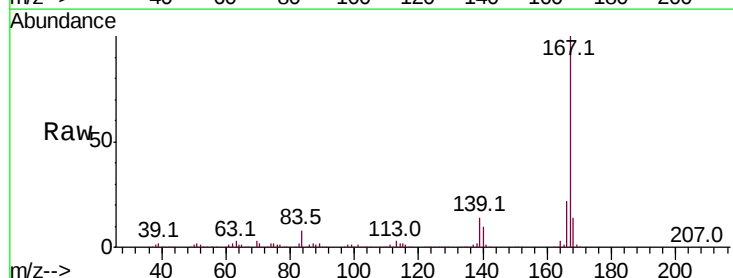
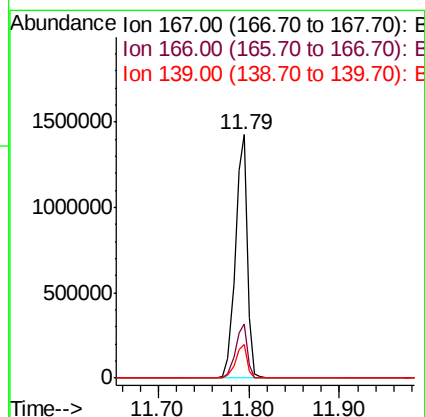
Manual Integrations
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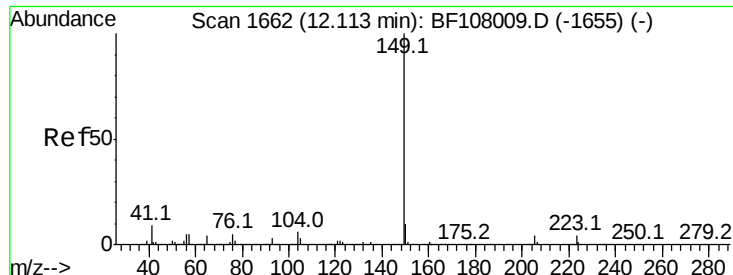
Sohil
 8/21/2018 1:42:44 PM



#72
 Carbazole
 Concen: 42.294 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.6	10.9	16.3





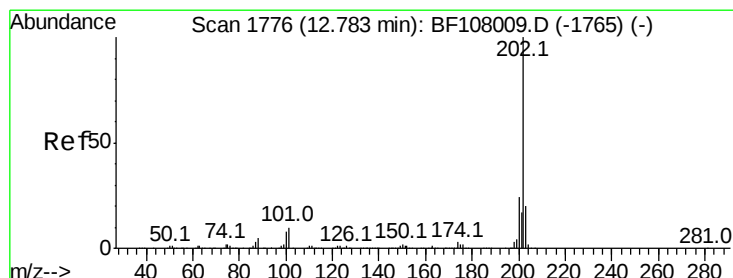
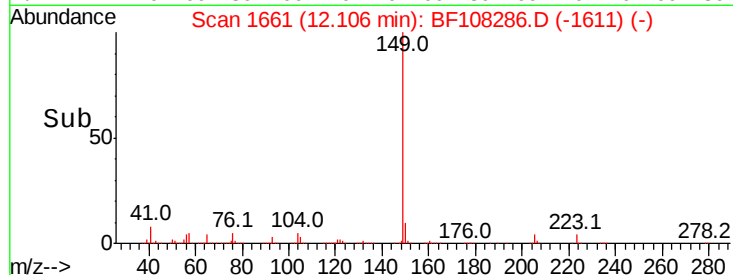
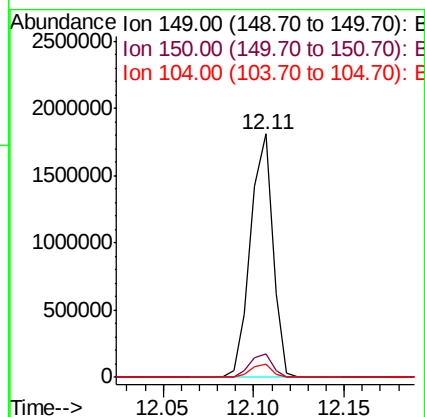
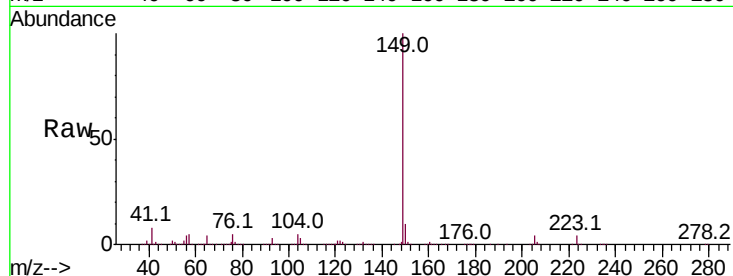
#73
Di-n-butylphthalate
Concen: 44.062 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	3.8	5.8

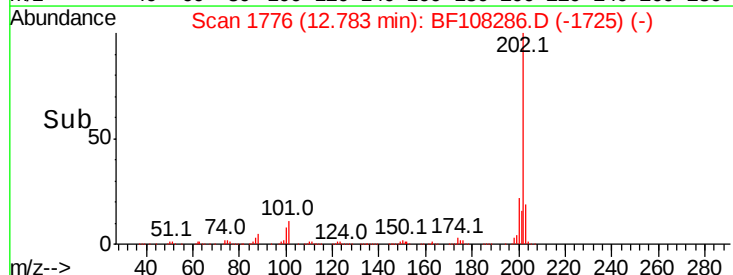
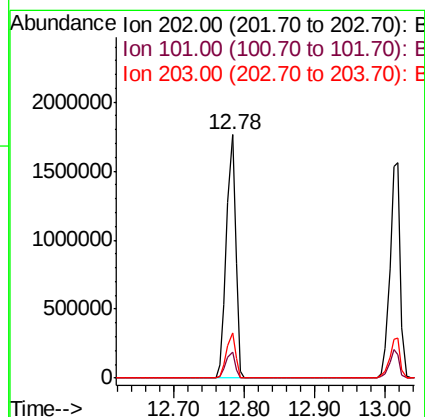
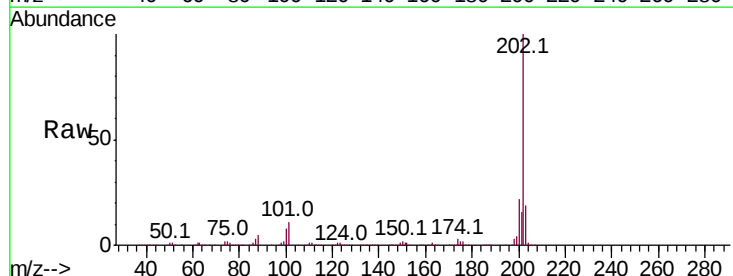
Manual Integrations
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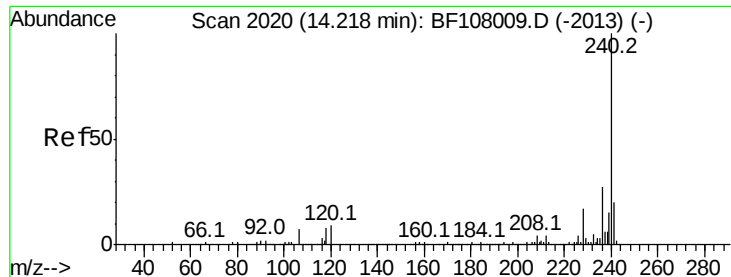
Sohil
8/21/2018 1:42:44 PM



#74
Fluoranthene
Concen: 43.165 ng
RT: 12.78 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

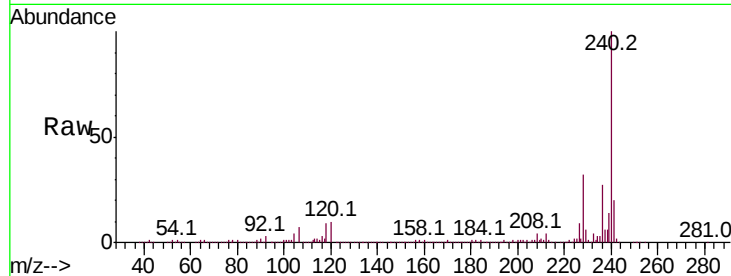
ClientSampleId :

PB112189BS

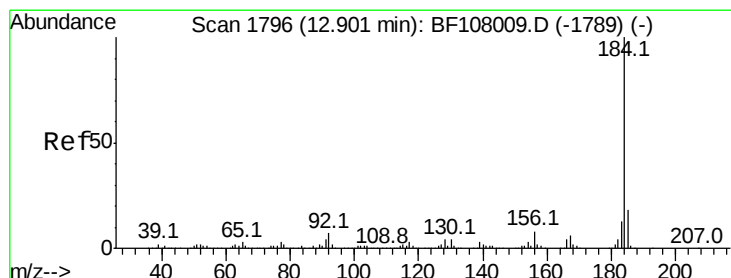
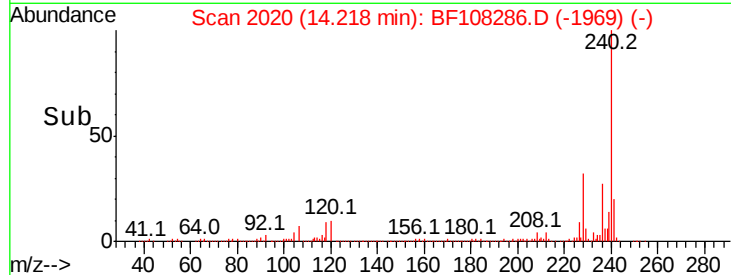
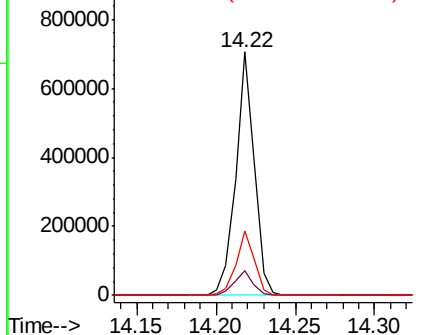
Tot Ion:240	Resp:	572785
Ion Ratio	Lower	Upper
240 100		
120 10.0	9.5	14.3
236 26.6	20.7	31.1

Manual Integrations
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8/21/2018 1:42:44 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.166 ng

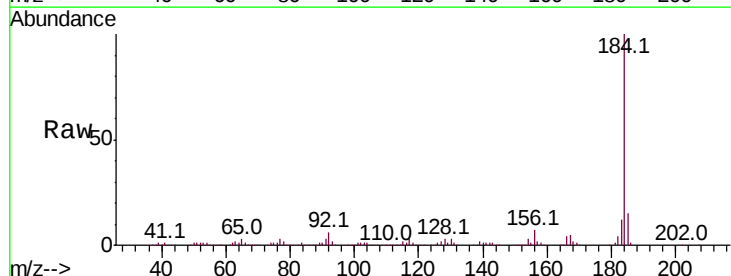
RT: 12.90 min Scan# 1796

Delta R.T. -0.00 min

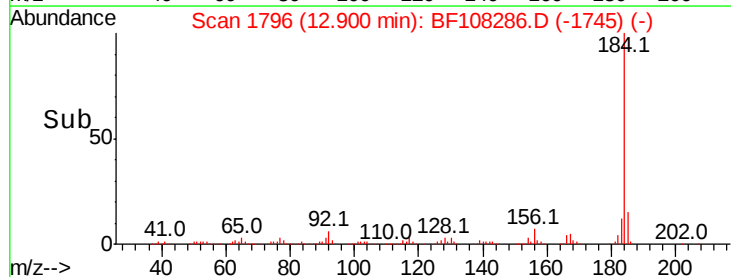
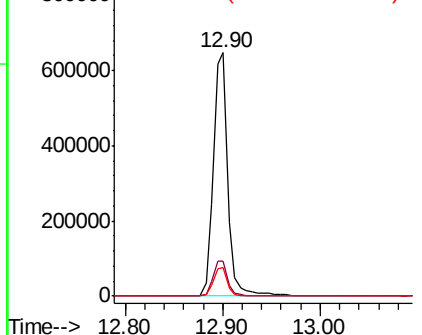
Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Tgt Ion:184	Resp:	666978
Ion Ratio	Lower	Upper
184 100		
185 14.6	12.6	18.8
183 11.7	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





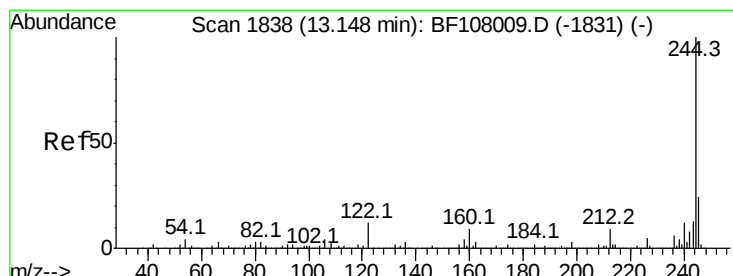
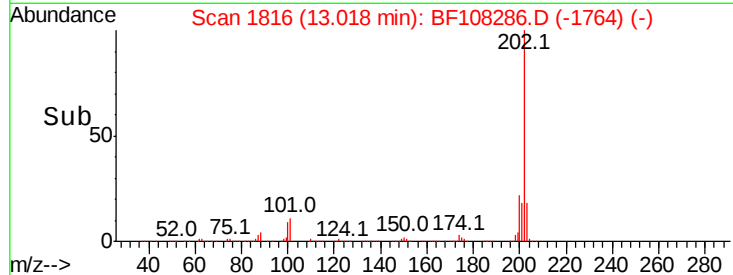
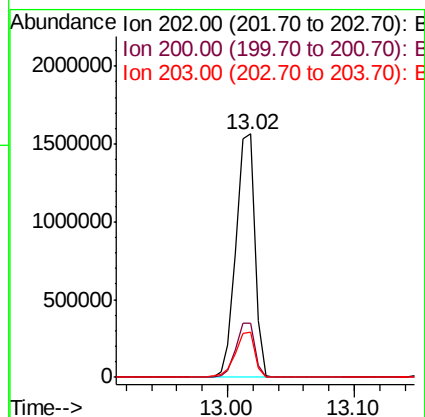
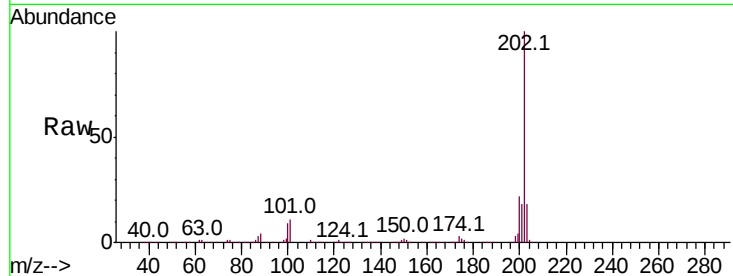
#77
Pvrene
Concen: 44.146 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.3	14.3	21.5

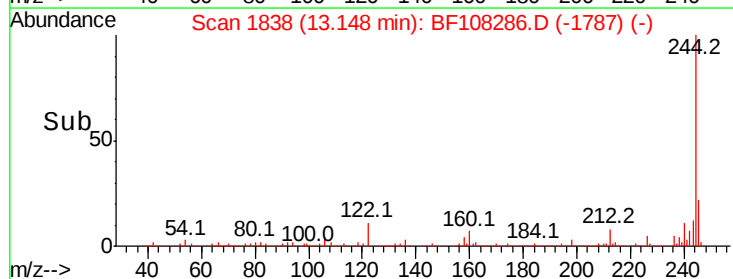
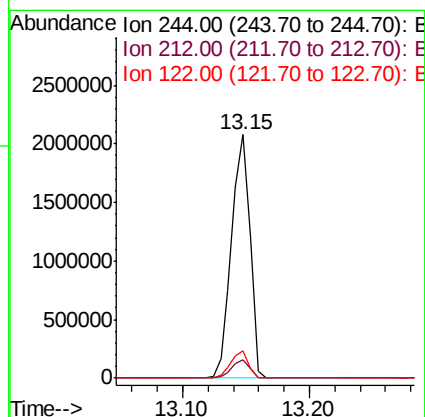
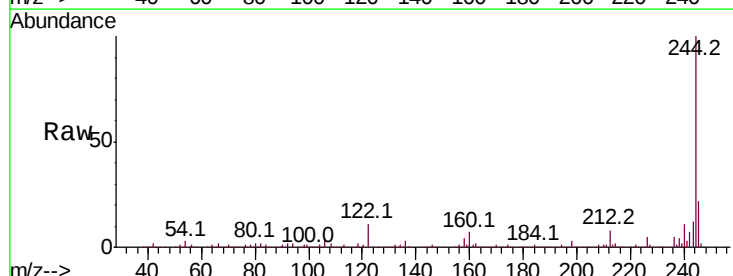
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#78
Terphenyl-d14
Concen: 92.757 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	11.1	11.0	16.4





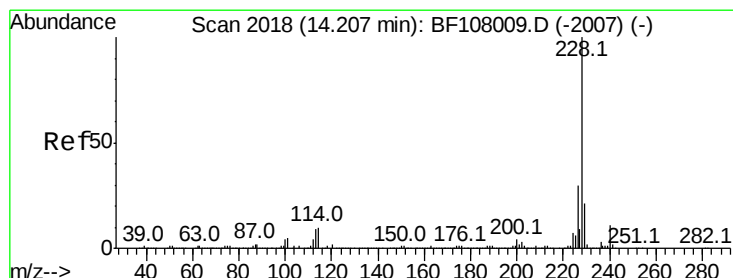
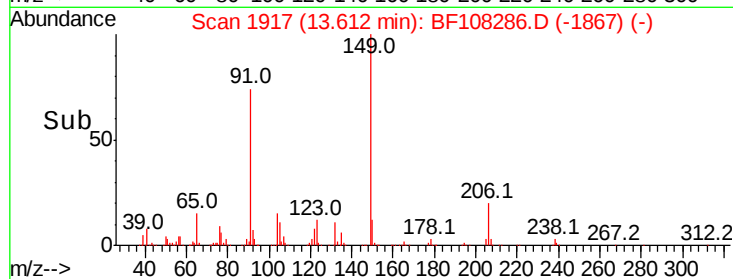
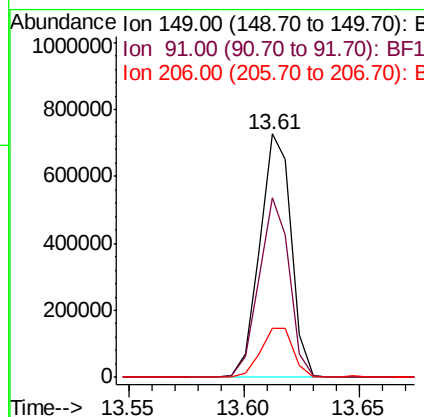
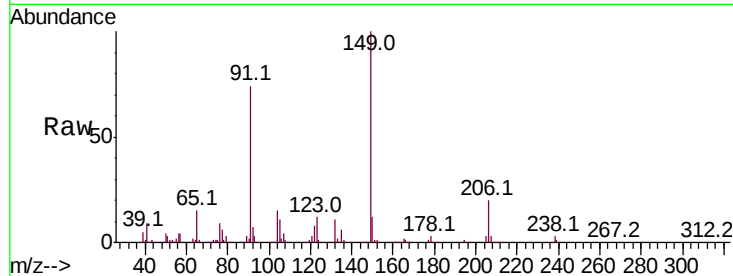
#79
Butylbenzylphthalate
Concen: 47.830 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleID :
PB112189BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	688726		
91	73.8	56.8	85.2	
206	20.3	14.1	21.1	

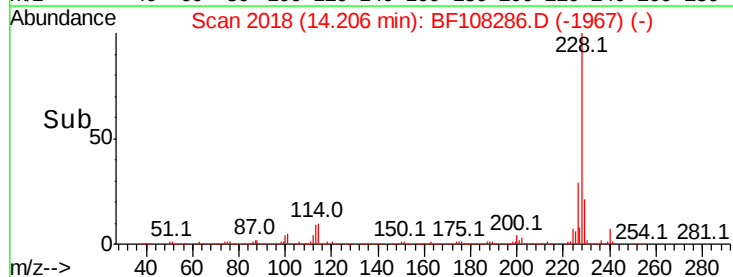
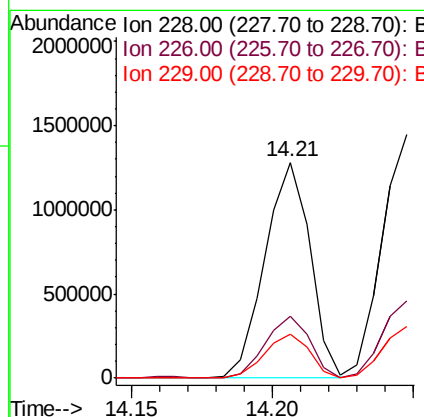
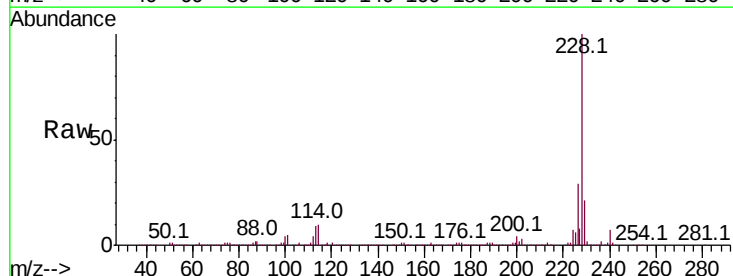
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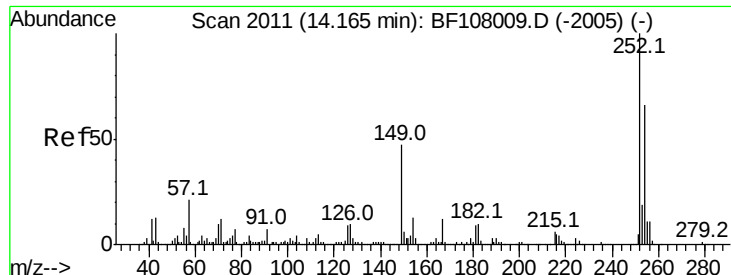
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#80
Benzo(a)anthracene
Concen: 43.216 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1420587		
226	28.8	22.6	33.8	
229	20.7	15.8	23.6	





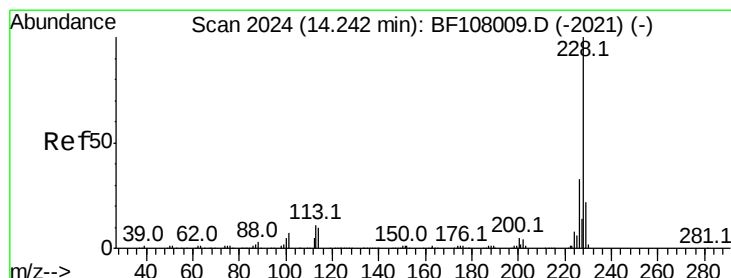
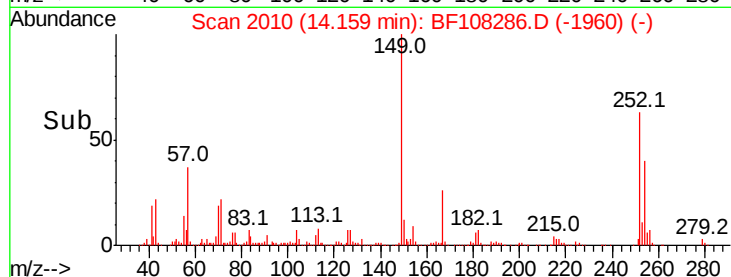
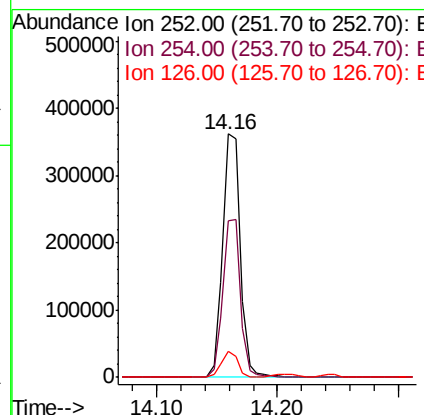
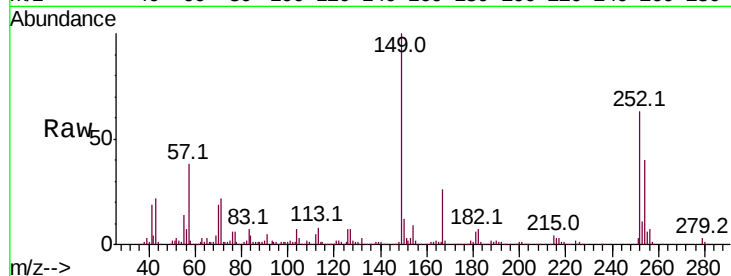
#81
 3,3'-Dichlorobenzidine
 Concen: 30.904 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	10.8	11.3	16.9

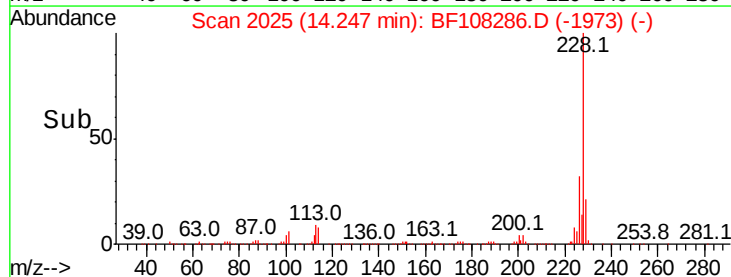
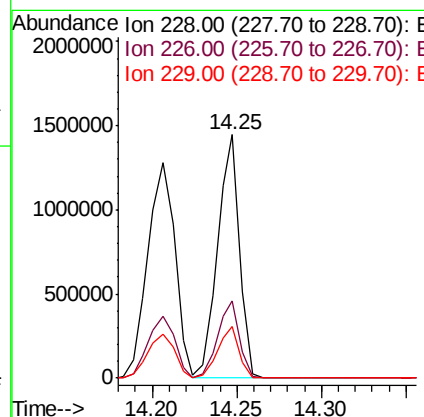
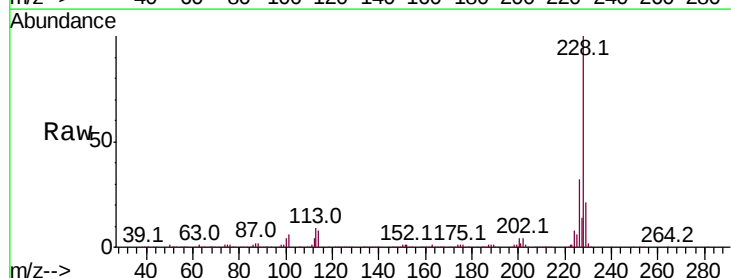
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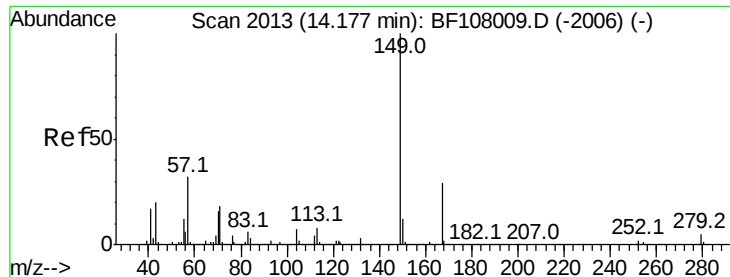
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#82
 Chrysene
 Concen: 43.472 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	21.1	16.2	24.4





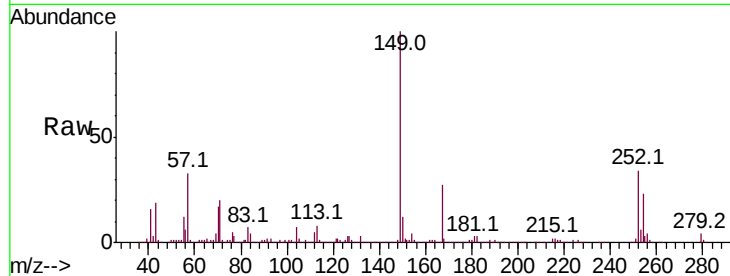
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.833 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

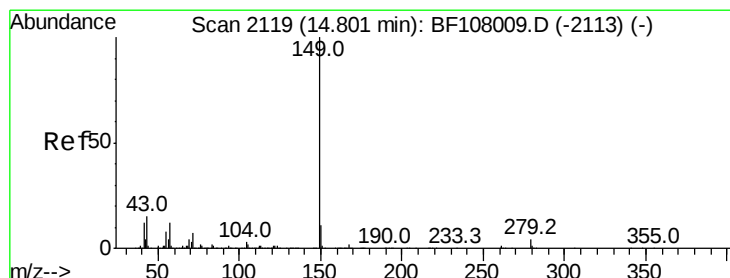
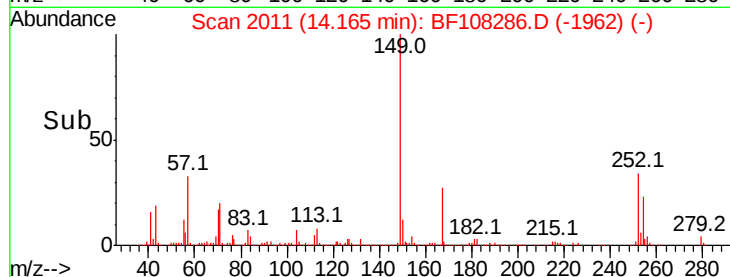
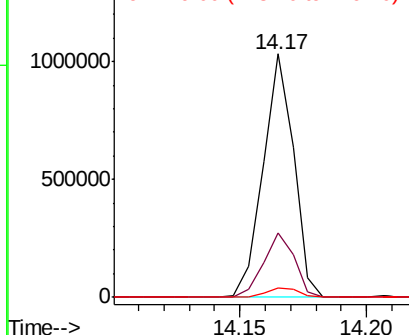
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.0	3.0	4.4

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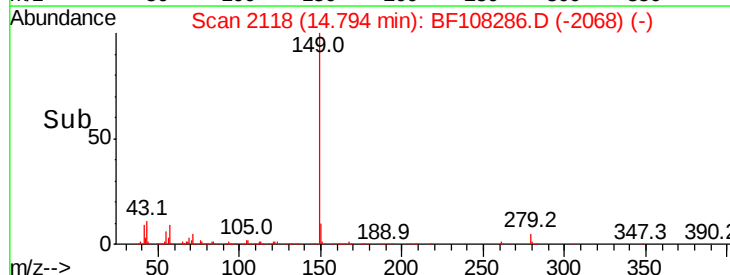
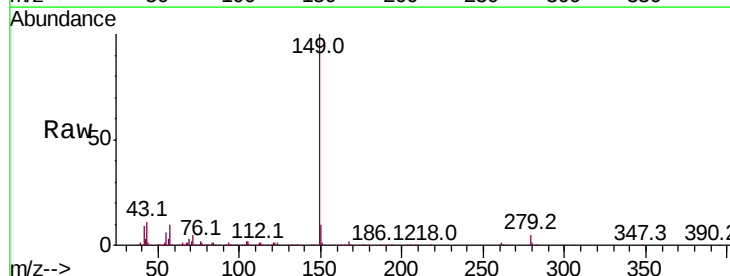
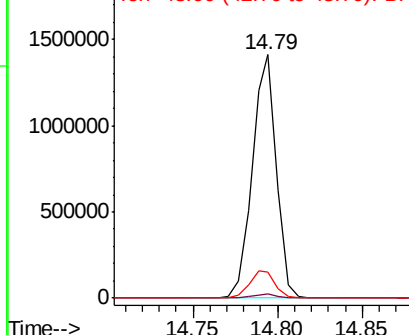
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

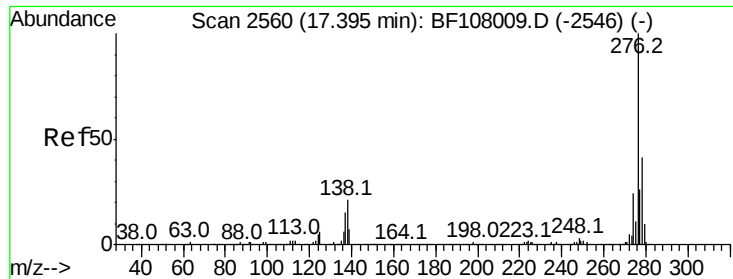


#84
 Di-n-octyl phthalate
 Concen: 46.993 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	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





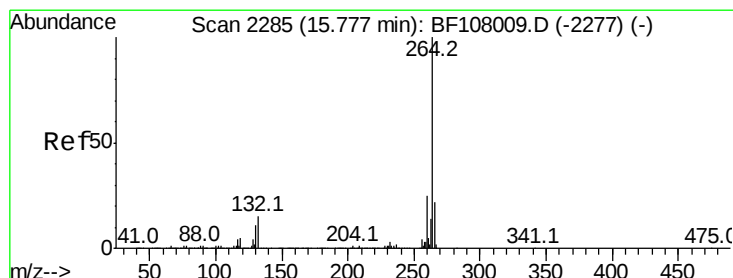
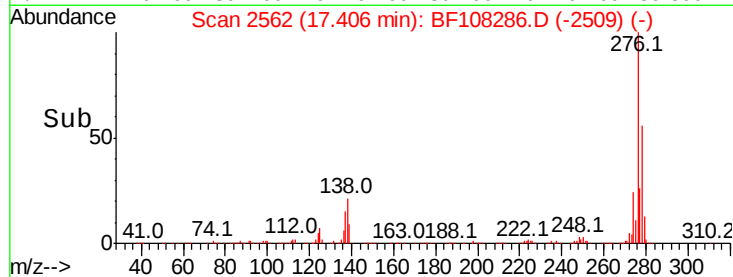
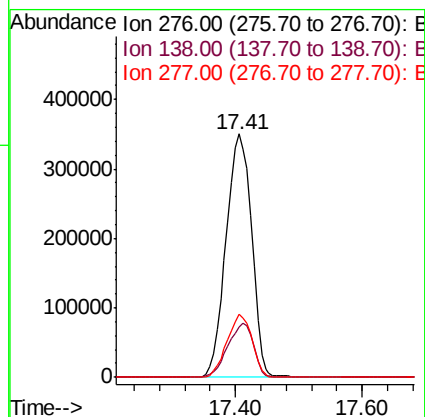
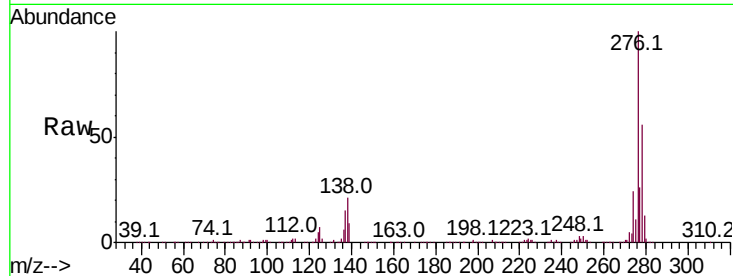
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.412 ng
 RT: 17.41 min Scan# 2562
 Delta R.T. 0.01 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112189BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	25.3	20.1	30.1

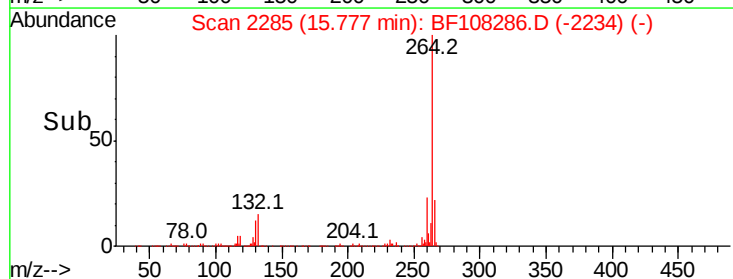
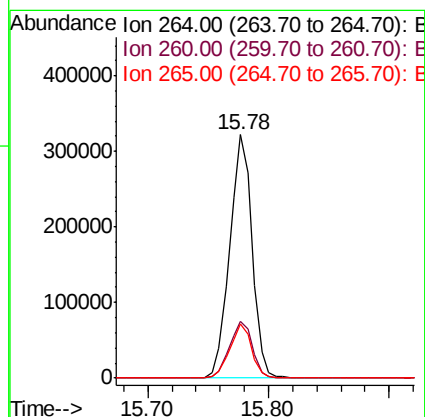
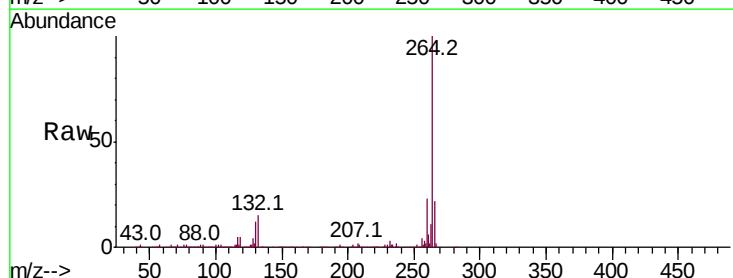
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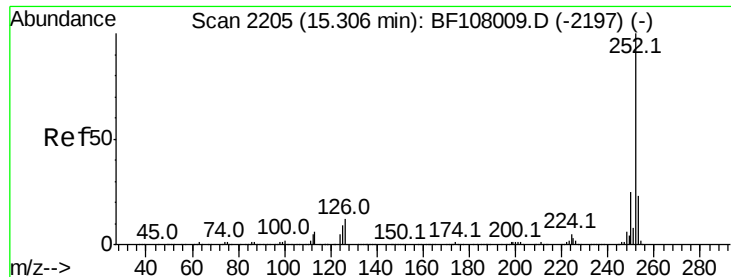
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF108286.D
 Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3





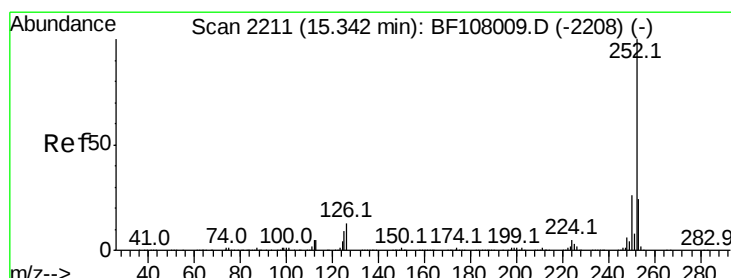
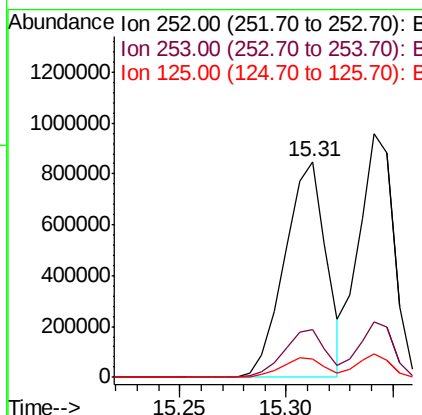
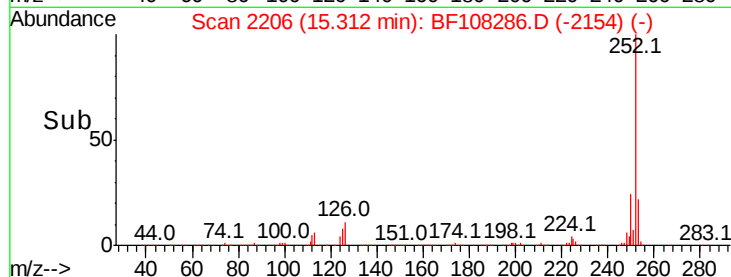
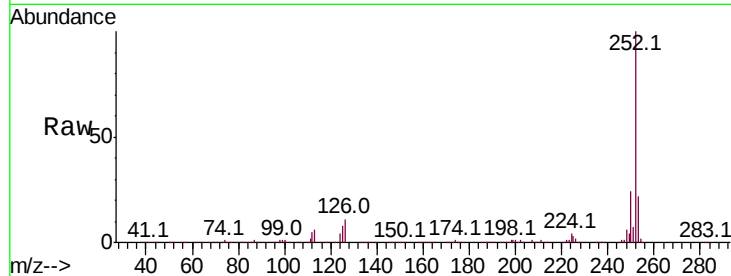
#87
Benzo(b)fluoranthene
Concen: 46.416 ng m
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	8.4	9.0	13.6#

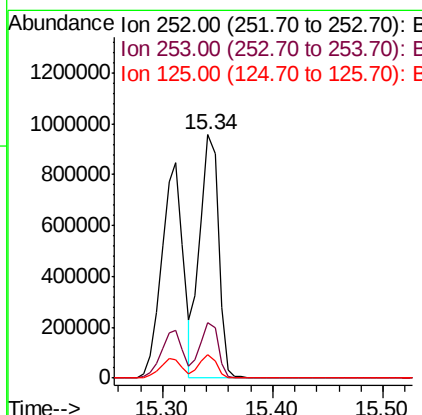
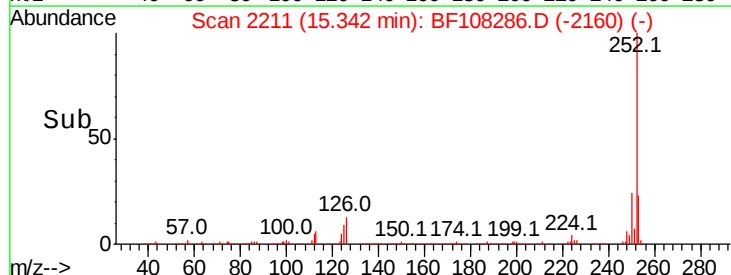
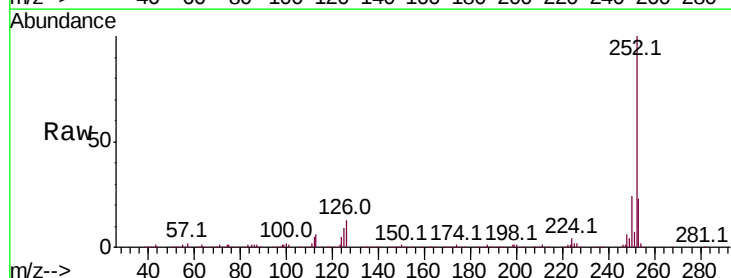
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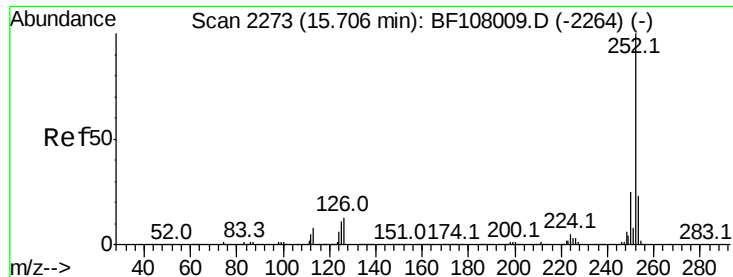
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#88
Benzo(k)fluoranthene
Concen: 48.410 ng
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.4	10.2	15.2#





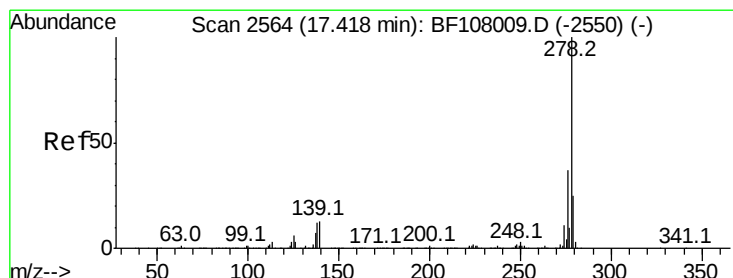
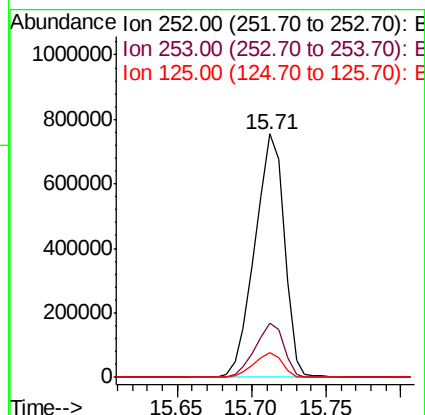
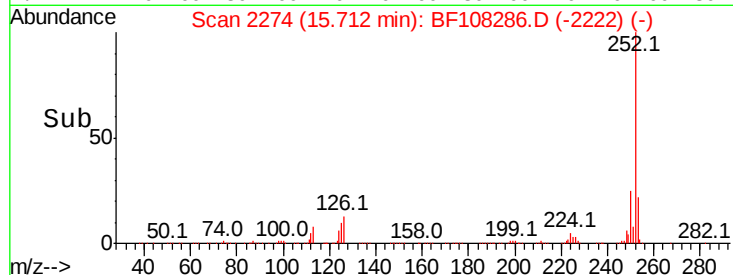
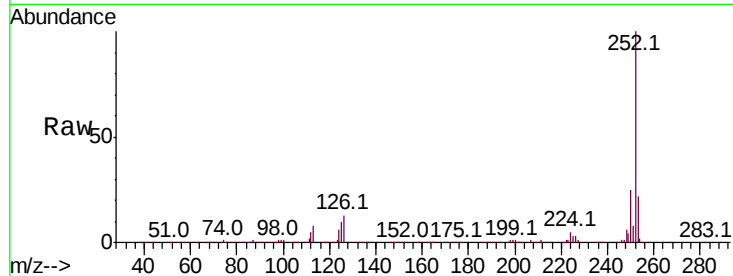
#89
Benzo(a)pyrene
Concen: 46.336 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Tot Ion	Ion	Ratio	Lower	Upper
1029204	252	100		
	253	22.3	17.1	25.7
	125	10.1	9.8	14.6

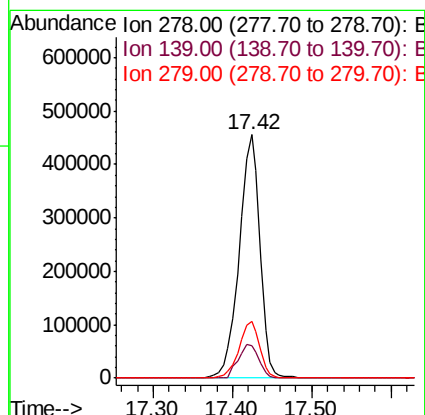
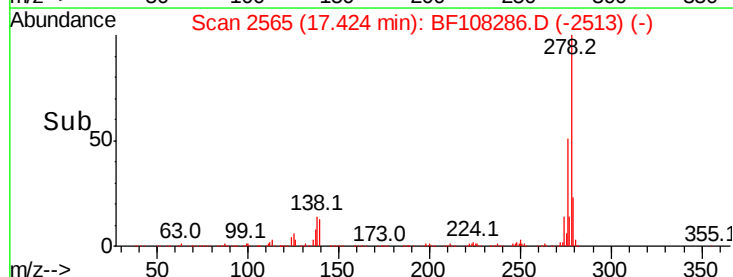
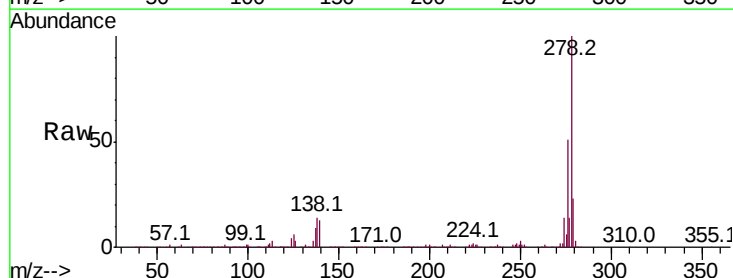
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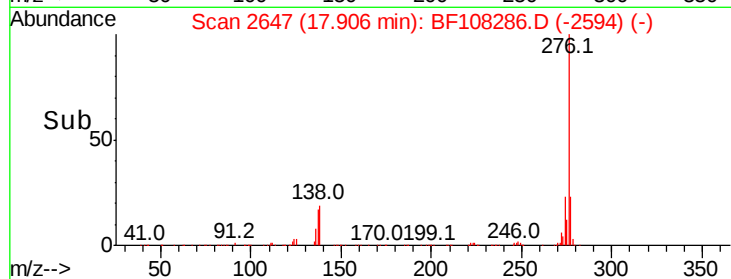
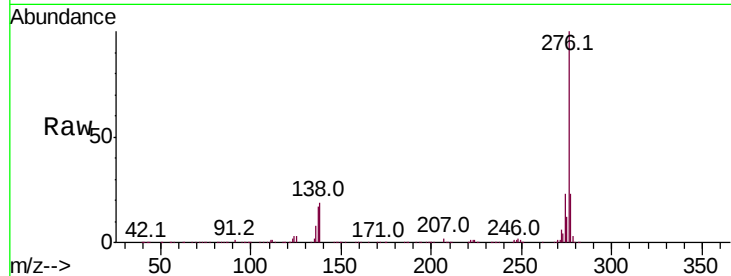
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#90
Dibenzo(a,h)anthracene
Concen: 45.048 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108286.D
Acq: 20 Aug 2018 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
827886	278	100		
	139	13.4	15.9	23.9#
	279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 44.469 ng

RT: 17.91 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BF108286.D

Acq: 20 Aug 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB112189BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	19.1	21.8	32.8

Manual Integrations
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