

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108285.D
 Acq On : 20 Aug 2018 13:05
 Operator : JU/SJ
 Sample : PB112152BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Manual Integrations
 APPROVED

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 8/21/2018 6:33:30 PM

Quant Time: Aug 20 13:45:48 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	161558	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	652186	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	333999	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	686626	20.00	ng	0.00
75) Chrysene-d12	14.22	240	545887	20.00	ng	0.00
86) Perylene-d12	15.78	264	397434	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1193432	133.74	ng	0.03
7) Phenol-d6	6.65	99	1595845	134.58	ng	0.02
23) Nitrobenzene-d5	7.58	82	1040942	89.06	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	505103	151.61	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1983566	95.35	ng	0.00
78) Terphenyl-d14	13.15	244	2364921	110.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	180654	39.399	ng	90
3) Pyridine	3.77	79	506192	42.855	ng	90
4) n-Nitrosodimethylamine	3.74	42	269111	40.490	ng	# 85
6) Aniline	6.68	93	556187	34.482	ng	97
8) 2-Chlorophenol	6.81	128	498038	49.554	ng	98
9) Benzaldehyde	6.57	77	221376	24.079	ng	97
10) Phenol	6.66	94	623165	50.804	ng	95
11) bis(2-Chloroethyl)ether	6.75	93	474858	47.885	ng	91
12) 1,3-Dichlorobenzene	6.96	146	549723	47.305	ng	99
13) 1,4-Dichlorobenzene	7.04	146	553822	47.434	ng	97
14) 1,2-Dichlorobenzene	7.19	146	519528	47.837	ng	97
15) Benzyl Alcohol	7.15	79	426522	42.725	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	882770	43.212	ng	99
17) 2-Methylphenol	7.26	107	450084	52.221	ng	94
18) Hexachloroethane	7.53	117	199271	47.939	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	368361	45.936	ng	92
20) 3+4-Methylphenols	7.41	107	534917	48.432	ng	# 84
22) Acetophenone	7.42	105	704065	46.169	ng	# 94
24) Nitrobenzene	7.60	77	547408	46.317	ng	97
25) Isophorone	7.84	82	1018861	45.736	ng	98
26) 2-Nitrophenol	7.91	139	243550	54.567	ng	92
27) 2,4-Dimethylphenol	7.94	122	478430	48.389	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	612786	47.120	ng	99
29) 2,4-Dichlorophenol	8.15	162	451463	49.618	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	475381	47.387	ng	97
31) Naphthalene	8.32	128	1442157	48.623	ng	99
32) Benzoic acid	8.07	122	204712	37.213	ng	94
33) 4-Chloroaniline	8.37	127	388701	30.072	ng	98
34) Hexachlorobutadiene	8.43	225	300631	47.338	ng	99
35) Caprolactam	8.74	113	127661m	44.772	ng	
36) 4-Chloro-3-methylphenol	8.85	107	467717	47.650	ng	98
37) 2-Methylnaphthalene	9.01	142	1014076	48.324	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	501234	48.869	ng	98
40) Hexachlorocyclopentadiene	9.17	237	525903	79.382	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	330465	51.920	ng	100
43) 2,4,5-Trichlorophenol	9.34	196	362648	51.758	ng	94
45) 1,1'-Biphenyl	9.48	154	1216278	49.391	ng	99
46) 2-Chloronaphthalene	9.51	162	958484	49.246	ng	99
47) 2-Nitroaniline	9.60	65	320369	50.872	ng	85
48) Acenaphthylene	9.93	152	1525680	49.583	ng	99
49) Dimethylphthalate	9.78	163	1131284	48.624	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	249893	51.337	ng	90
51) Acenaphthene	10.10	154	903861	47.959	ng	99
52) 3-Nitroaniline	10.02	138	197502	37.084	ng	98
53) 2,4-Dinitrophenol	10.12	184	180060	97.189	ng	# 20
54) Dibenzofuran	10.27	168	1323801	48.483	ng	95
55) 4-Nitrophenol	10.18	139	374260	92.800	ng	84
56) 2,4-Dinitrotoluene	10.25	165	340966	54.419	ng	# 99
57) Fluorene	10.62	166	1055137	48.816	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	306698	52.371	ng	# 85
59) Diethylphthalate	10.48	149	1085966	48.203	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	542365	48.156	ng	94
61) 4-Nitroaniline	10.64	138	267985	50.894	ng	95
62) Azobenzene	10.77	77	1099747	47.268	ng	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	125307	48.541	ng	82
65) n-Nitrosodiphenylamine	10.72	169	958674	47.248	ng	98
66) 4-Bromophenyl-phenylether	11.10	248	361265	48.415	ng	# 88
67) Hexachlorobenzene	11.17	284	372683	47.469	ng	# 89
68) Atrazine	11.25	200	329016	48.345	ng	96
69) Pentachlorophenol	11.37	266	366521	97.536	ng	97
70) Phenanthrene	11.59	178	1549049	47.831	ng	99
71) Anthracene	11.64	178	1592674	47.982	ng	98
72) Carbazole	11.80	167	1425099	48.323	ng	99
73) Di-n-butylphthalate	12.11	149	1678696	50.254	ng	99
74) Fluoranthene	12.78	202	1714591	48.510	ng	95
76) Benzidine	12.90	184	720102	35.307	ng	99
77) Pyrene	13.02	202	1709433	49.462	ng	99
79) Butylbenzylphthalate	13.61	149	721173	52.551	ng	95
80) Benzo(a)anthracene	14.21	228	1500445	47.894	ng	97
81) 3,3'-Dichlorobenzidine	14.17	252	376152	33.503	ng	# 97
82) Chrysene	14.25	228	1364763	47.517	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	923837	49.712	ng	100
84) Di-n-octyl phthalate	14.79	149	1453570	51.286	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	1045850	42.026	ng	# 91
87) Benzo(b)fluoranthene	15.31	252	1216884m	51.241	ng	
88) Benzo(k)fluoranthene	15.34	252	1144628	52.433	ng	# 96
89) Benzo(a)pyrene	15.71	252	1081735	50.867	ng	97
90) Dibenzo(a,h)anthracene	17.42	278	866002	49.217	ng	# 94
91) Benzo(g,h,i)perylene	17.91	276	866463	50.009	ng	# 90

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

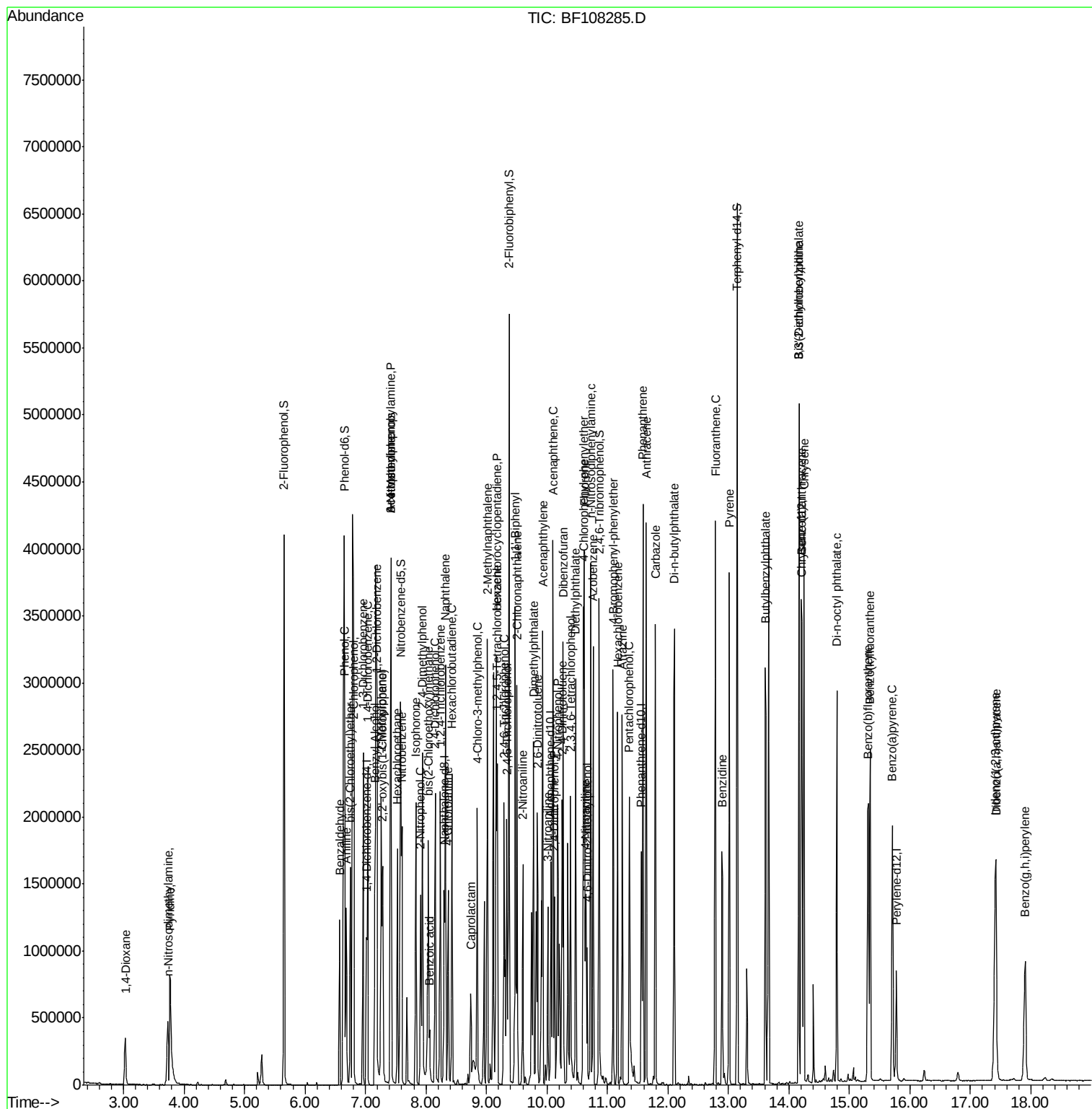
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#1

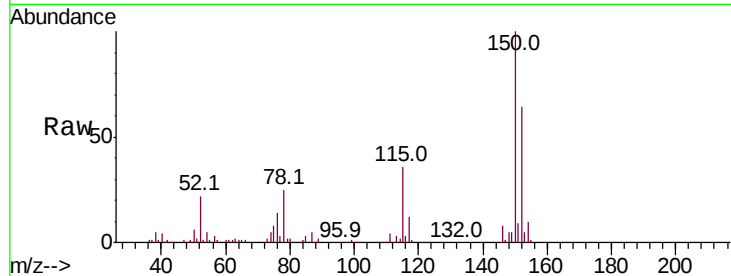
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	57.1	50.1	75.1

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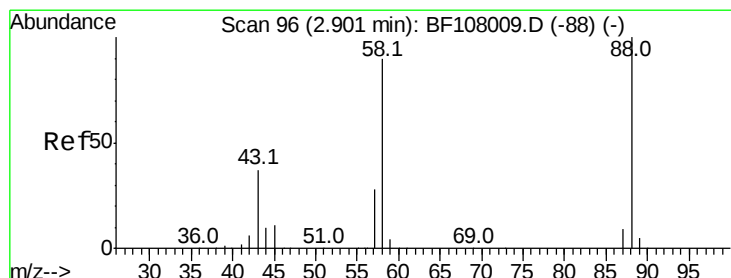
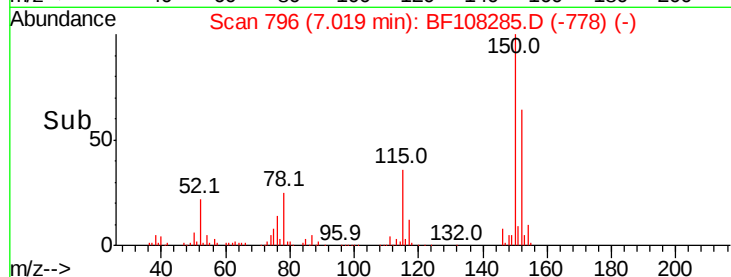
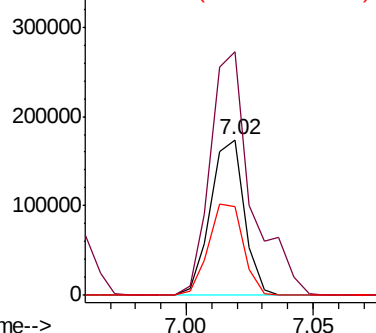


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

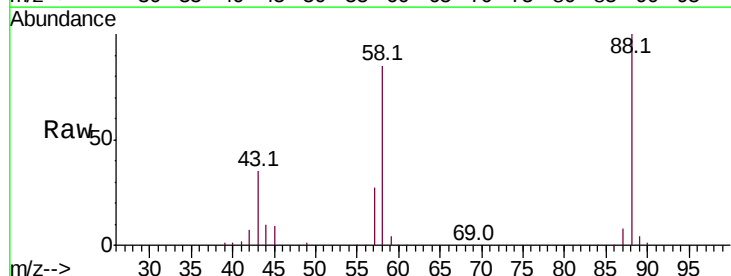
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.399 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.13 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	62.6	93.8
43	34.5	24.6	37.0

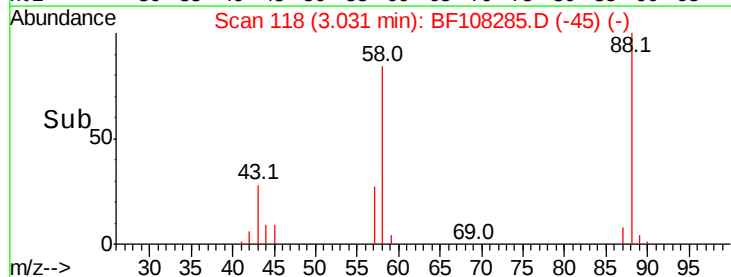
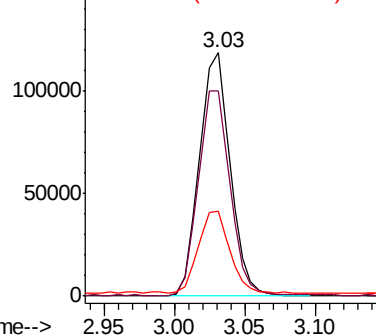


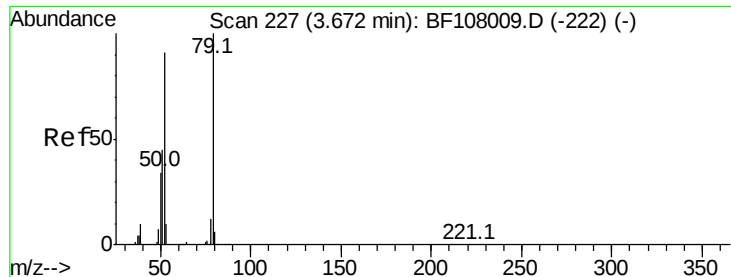
Abundance

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





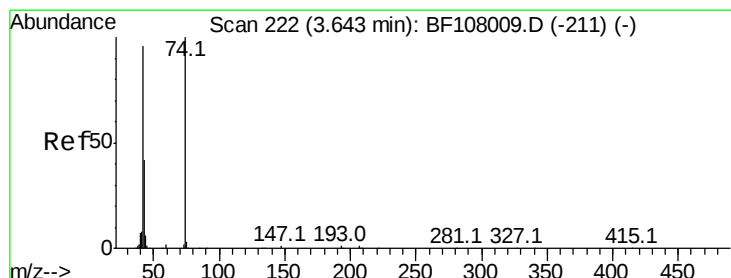
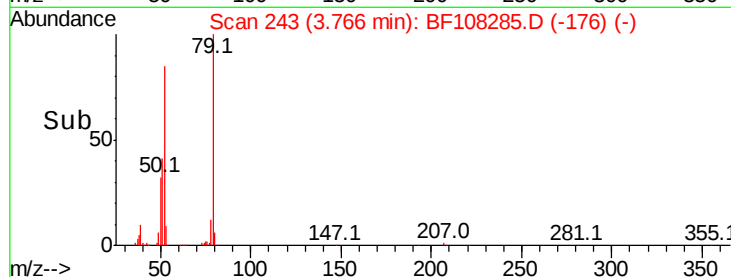
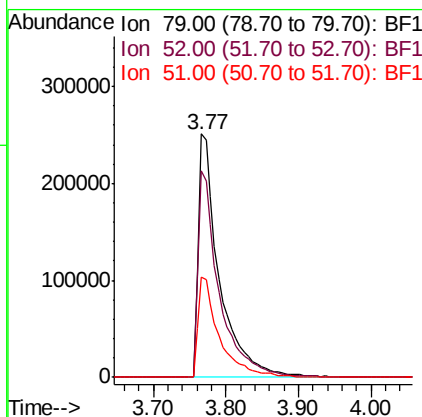
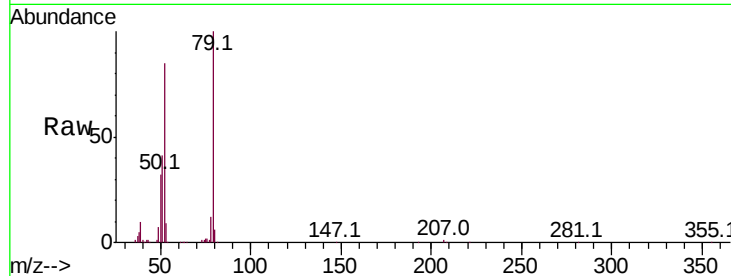
#3
 Pvridine
 Concen: 42.855 ng
 RT: 3.77 min Scan# 243
 Delta R.T. 0.09 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
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 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.6	59.8	89.6
51	41.4	29.8	44.8

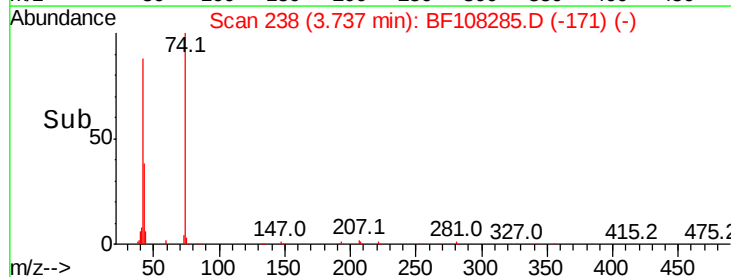
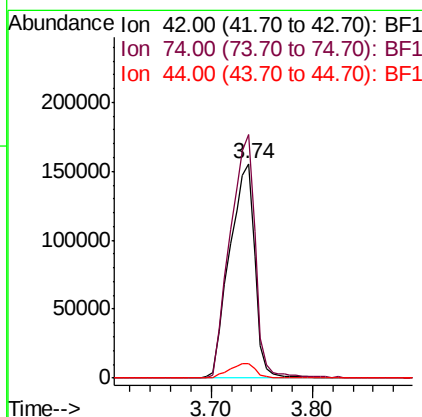
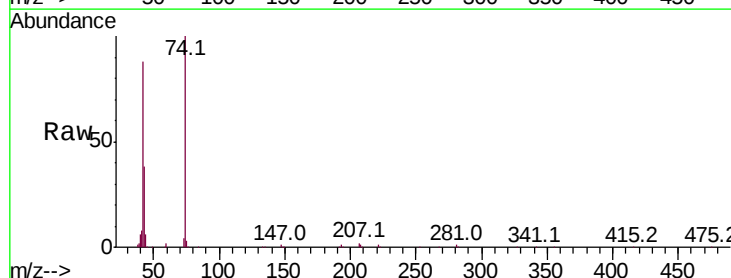
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#4
 n-Nitrosodimethylamine
 Concen: 40.490 ng
 RT: 3.74 min Scan# 238
 Delta R.T. 0.09 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.3	104.9	157.3
44	6.7	6.9	10.3





#5

2-Fluorophenol

Concen: 133.739 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

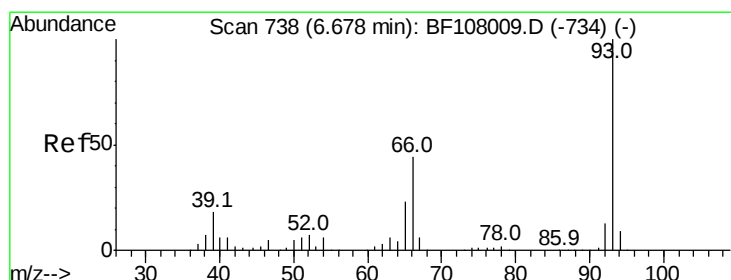
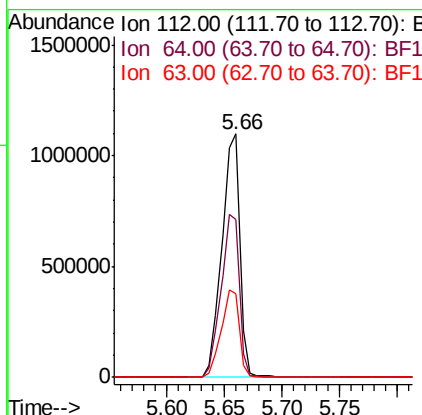
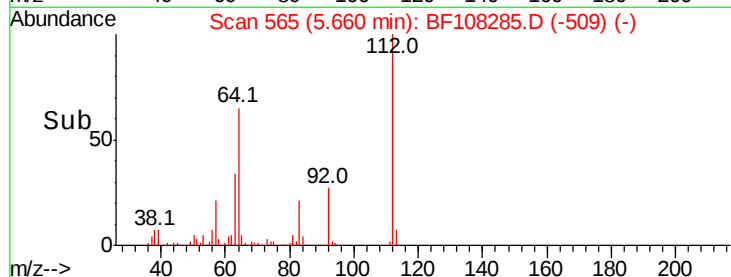
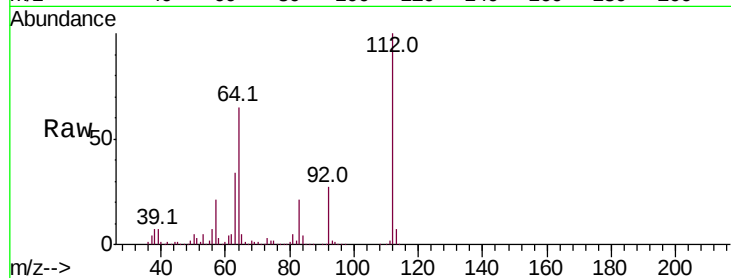
ClientSampleId :

PB112152BS

Tot Ion	112	Resp: 1193432	
Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	34.3	23.7	35.5

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#6

Aniline

Concen: 34.482 ng

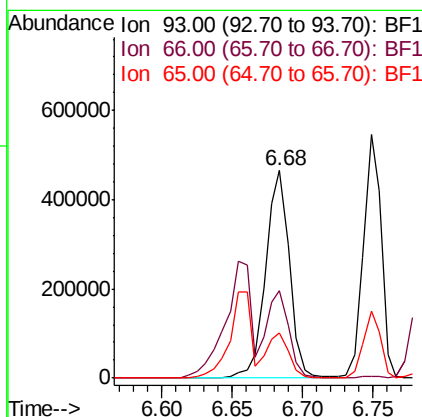
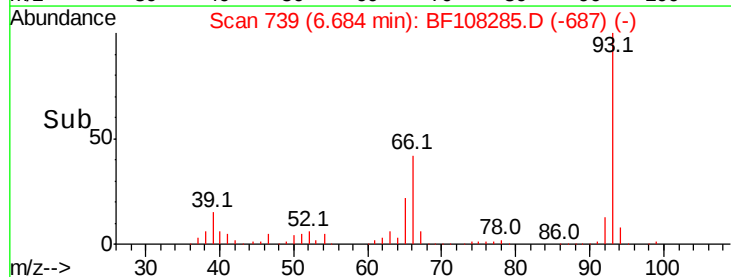
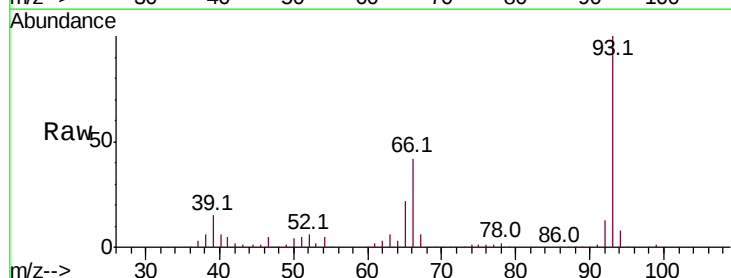
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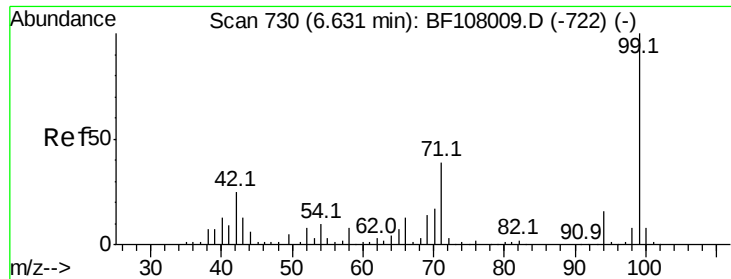
Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion	93	Resp: 556187	
Ion	Ratio	Lower	Upper
93	100		
66	41.9	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 134.576 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

Tot Ion: 99 Resp: 1595845

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

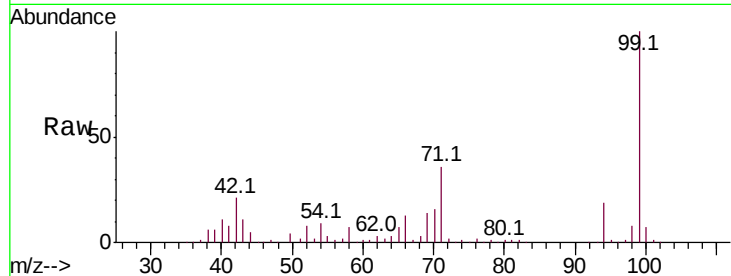
71 36.3 25.4 38.0

Manual Integrations

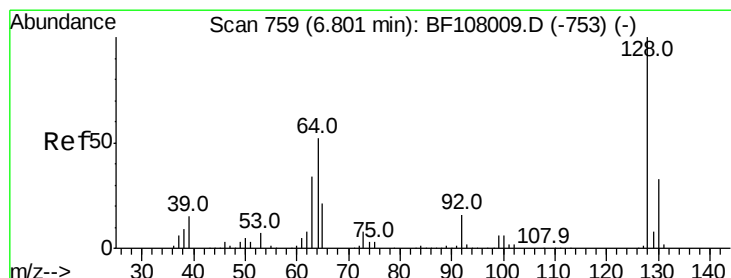
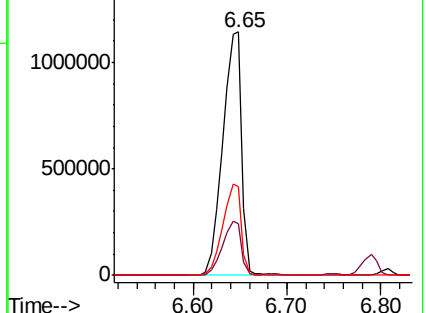
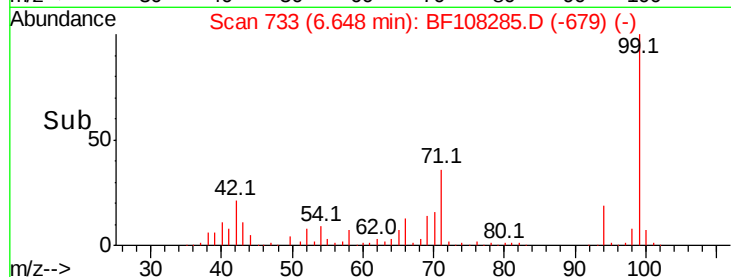
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.554 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

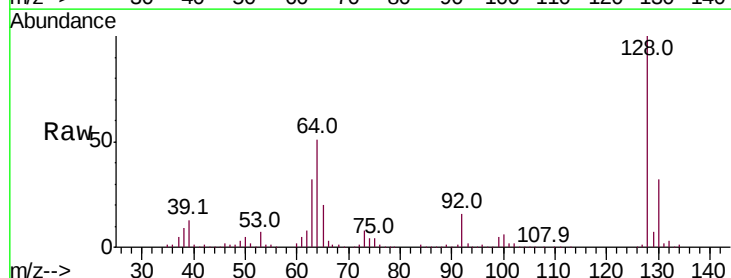
Tgt Ion:128 Resp: 498038

Ion Ratio Lower Upper

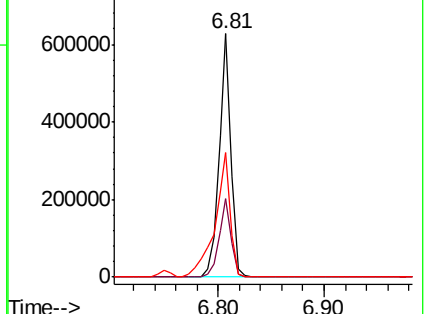
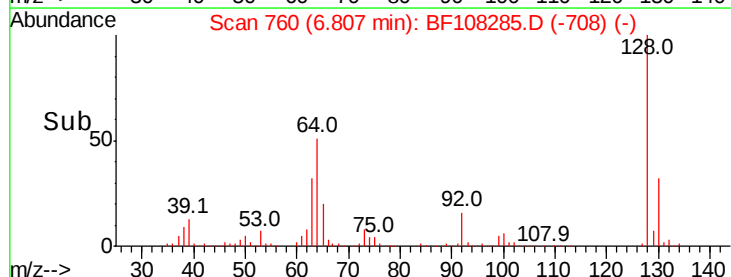
128 100

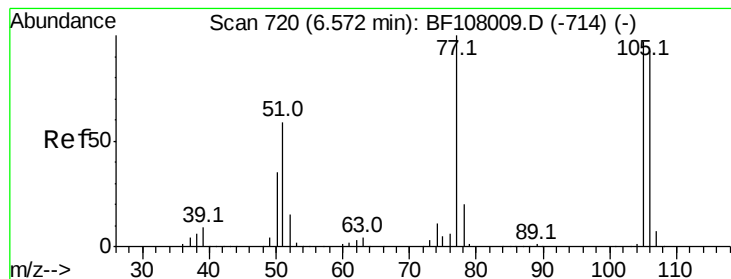
130 32.2 13.0 53.0

64 51.4 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: 24.079 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

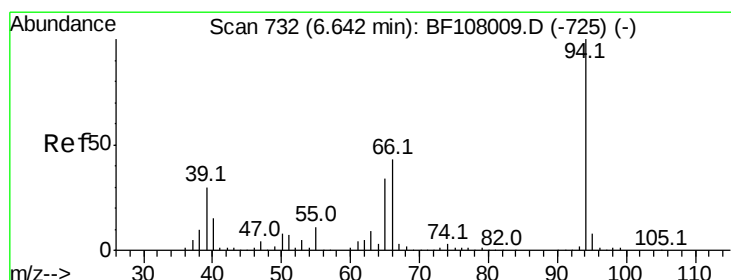
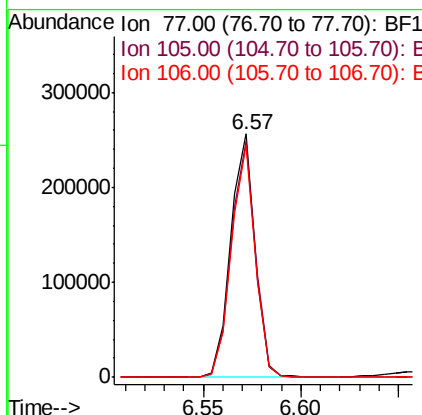
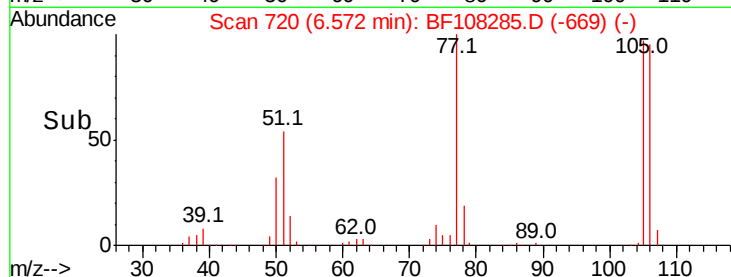
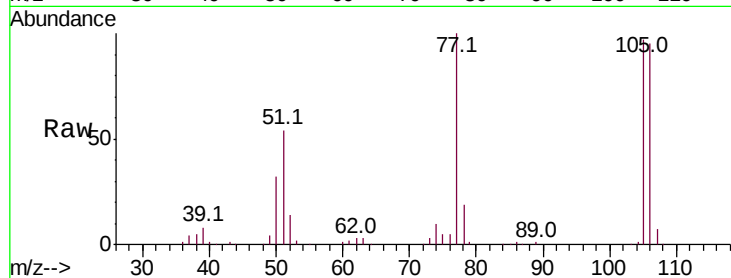
ClientSampleId :

PB112152BS

Tot Ion:	77	Resp:	221376
Ion Ratio	Lower	Upper	
77	100		
105	96.8	81.1	121.1
106	95.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 50.804 ng

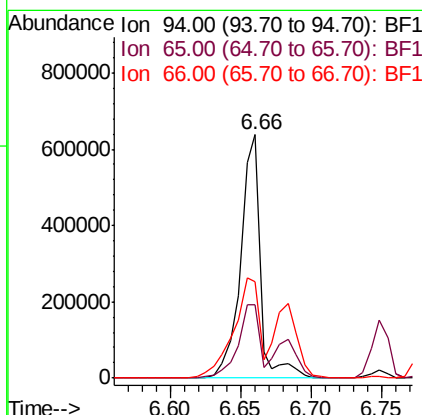
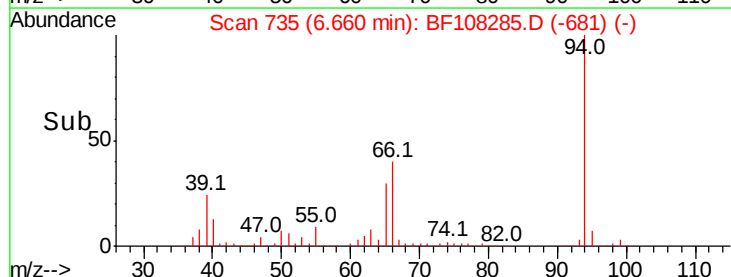
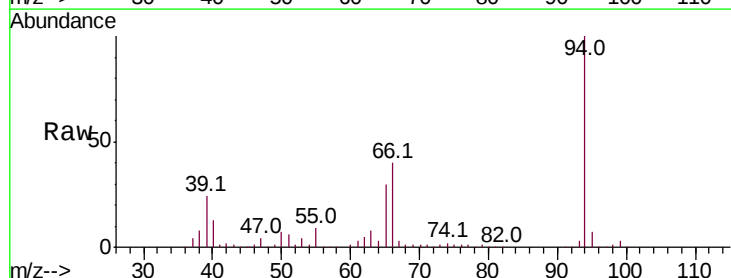
RT: 6.66 min Scan# 735

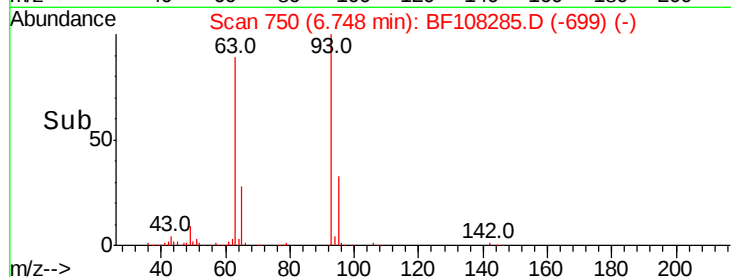
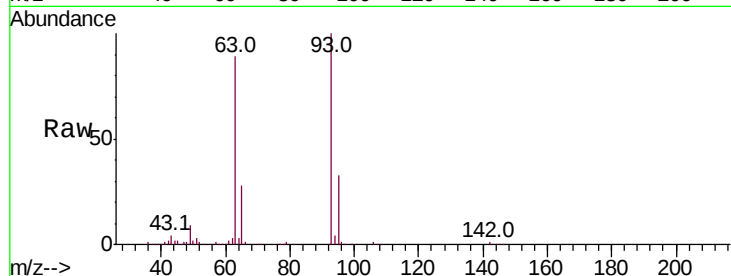
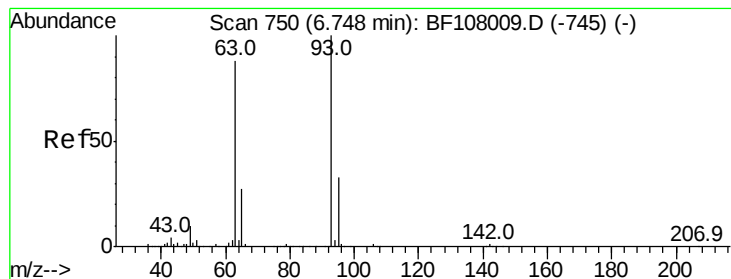
Delta R.T. 0.02 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion:	94	Resp:	623165
Ion Ratio	Lower	Upper	
94	100		
65	30.3	7.9	47.9
66	39.7	16.2	56.2





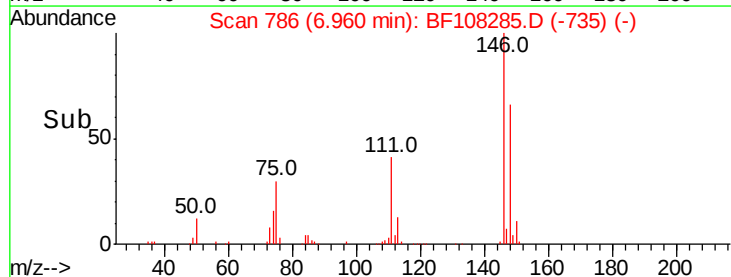
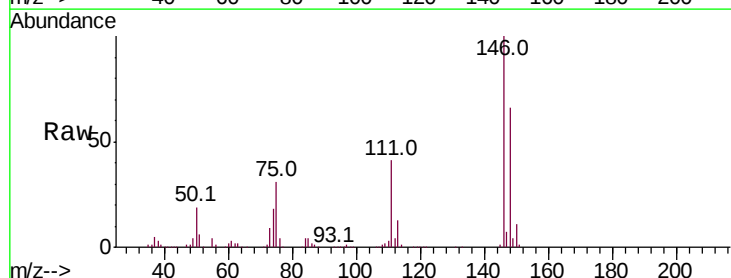
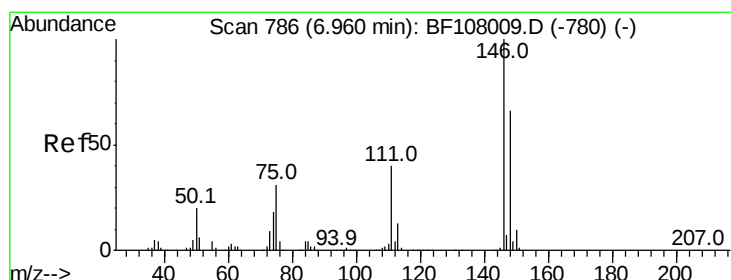
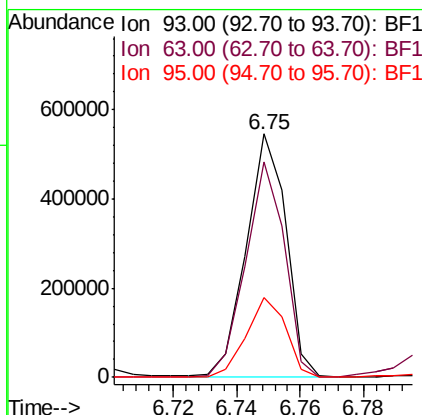
#11
bis(2-Chloroethyl)ether
Concen: 47.885 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tot Ion	93	Resp	474858
Ion Ratio	100	Lower	Upper
93	100	58.6	98.6
63	88.5	11.8	51.8
95	33.0		

Instrument :
BNA_F
ClientSampleId :
PB112152BS

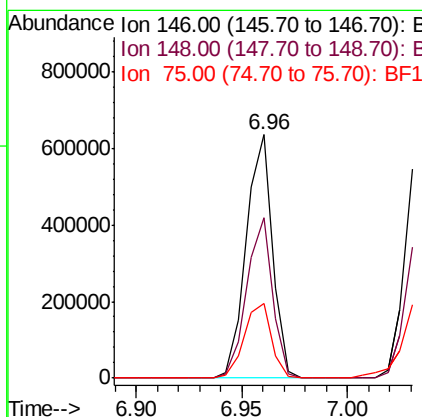
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 47.305 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	146	Resp	549723
Ion Ratio	100	Lower	Upper
146	100	51.8	77.8
148	66.0	24.2	36.4
75	30.9		





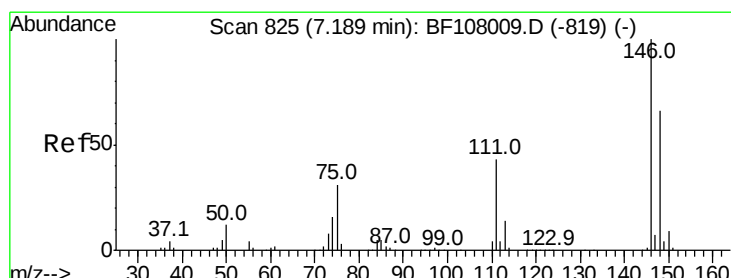
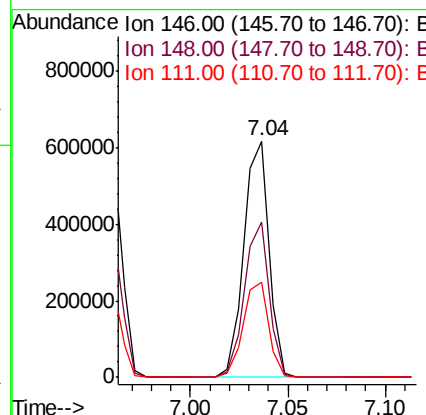
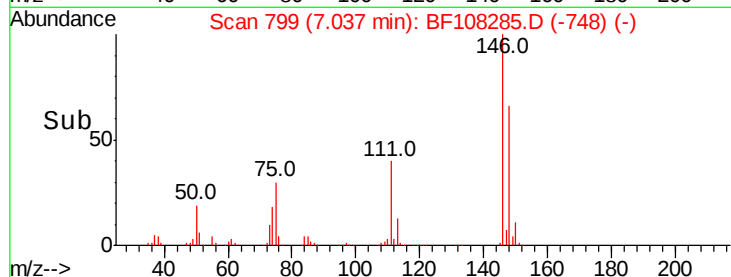
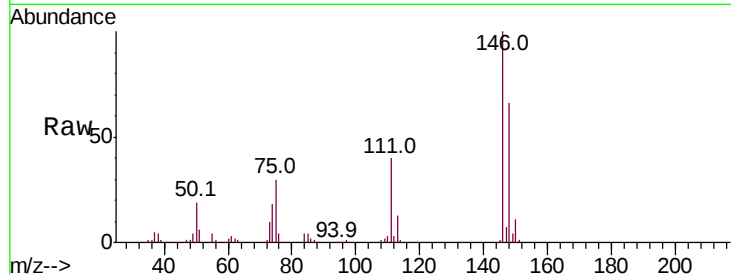
#13
 1,4-Dichlorobenzene
 Concen: 47.434 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	40.3	34.2	51.2

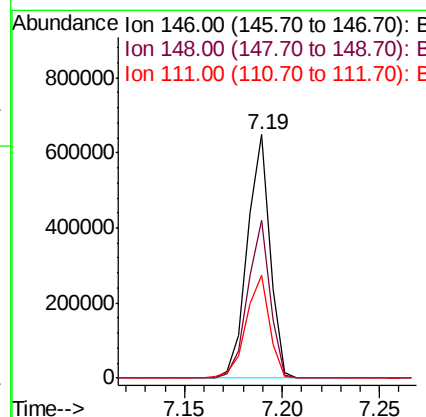
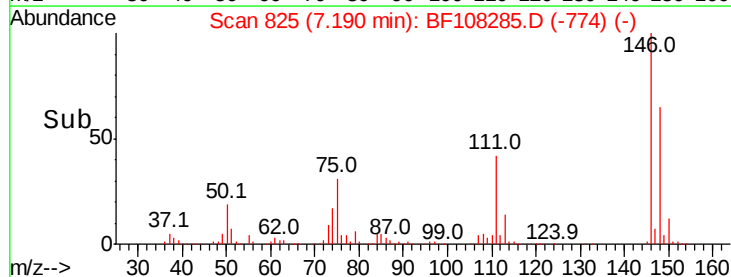
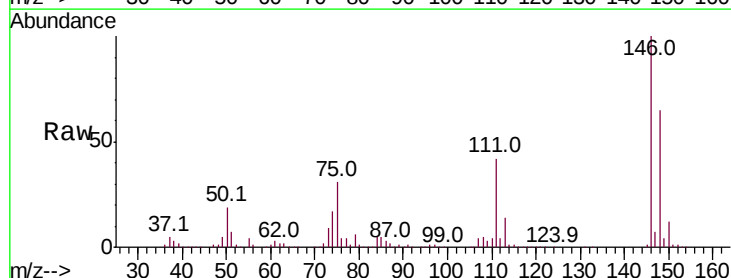
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 47.837 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.725 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

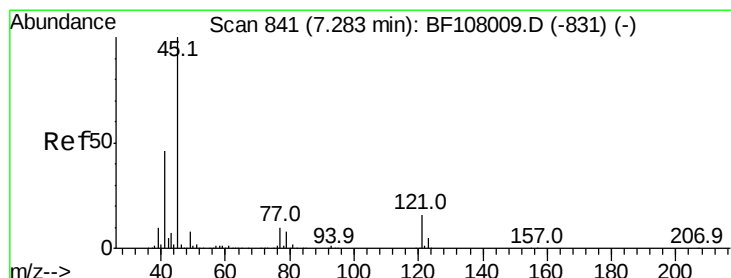
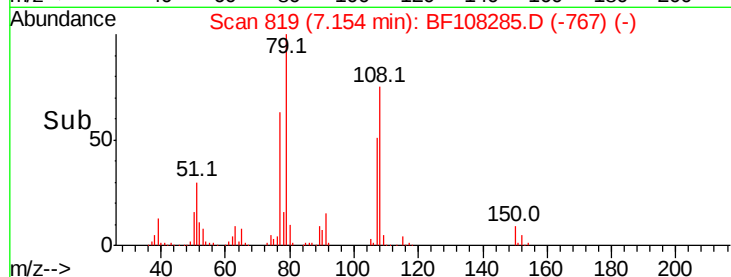
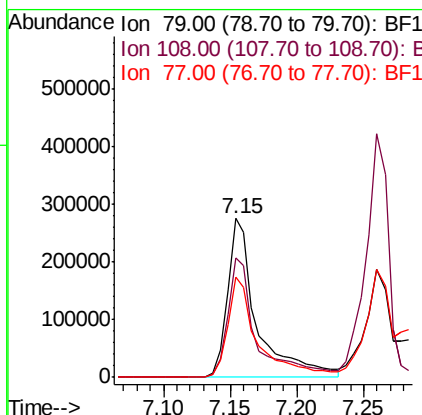
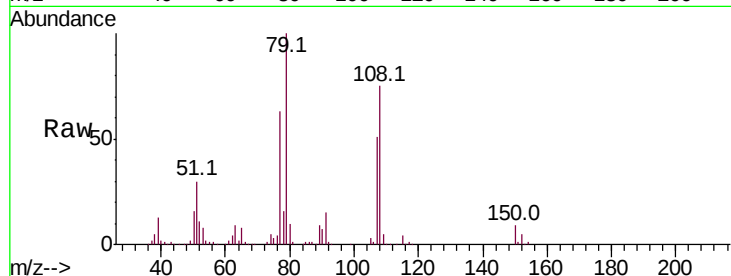
ClientSampled :

PB112152BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.2	65.1	97.7
77	63.2	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.212 ng

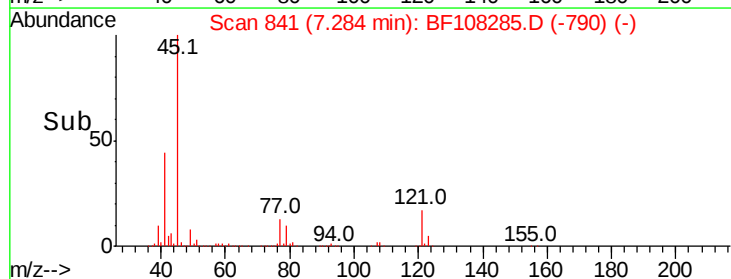
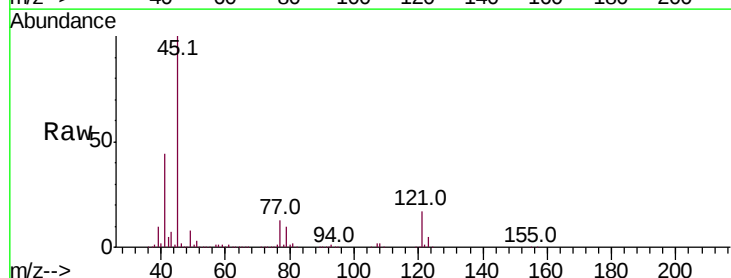
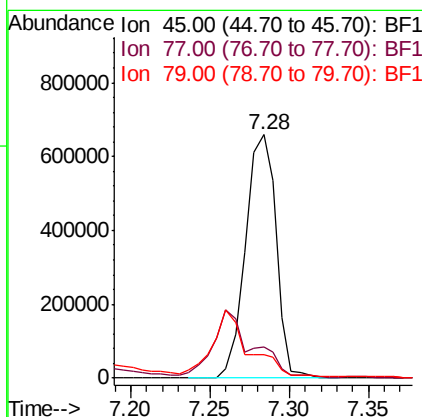
RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.9
79	9.9	0.0	29.6





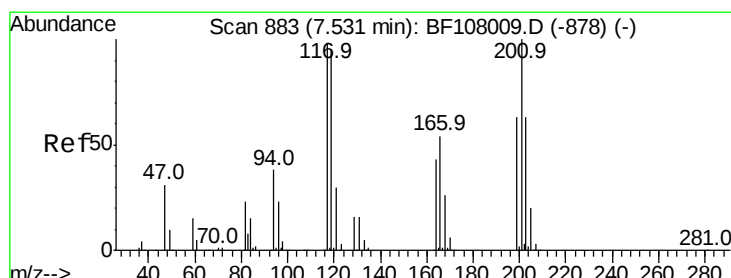
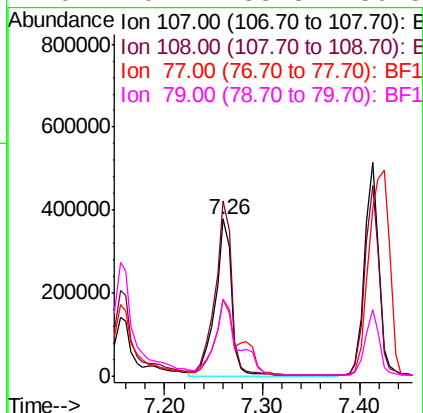
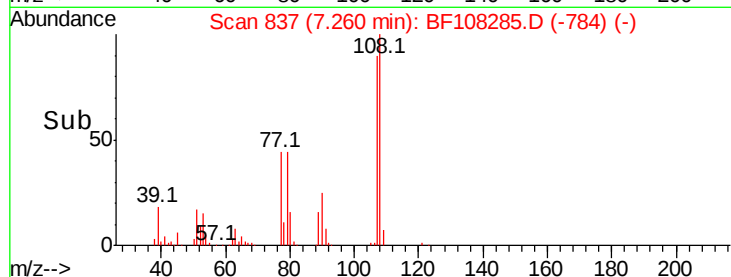
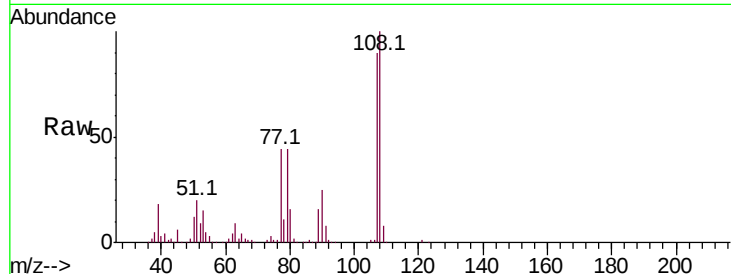
#17
2-Methylphenol
Concen: 52.221 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	91.7	137.5	
77	49.2	33.8	50.8	
79	49.2	33.8	50.8	

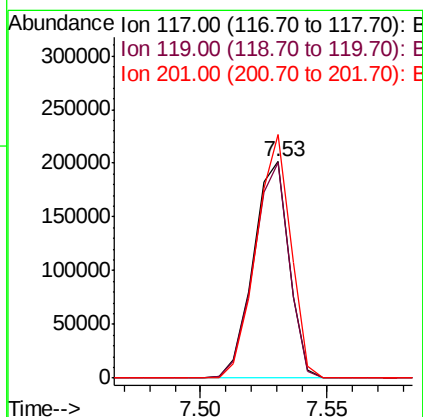
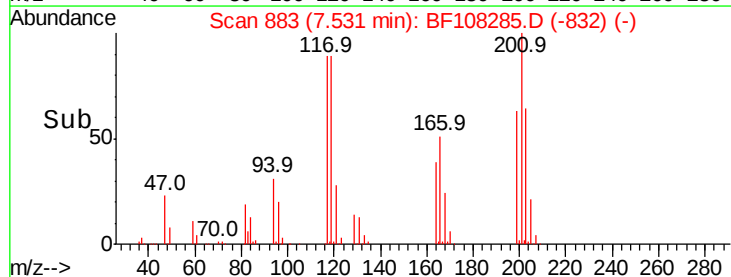
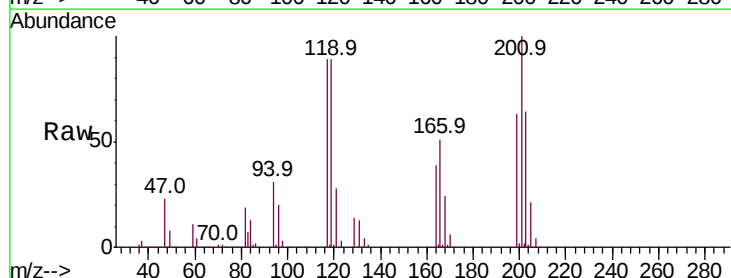
Manual Integrations
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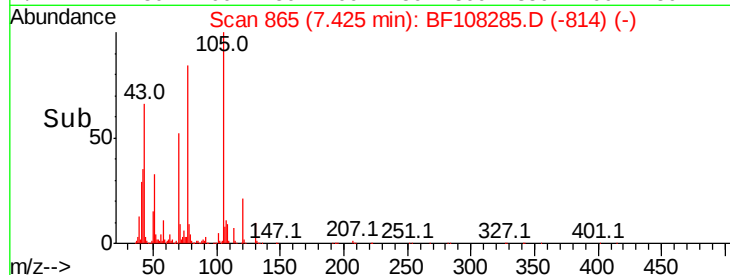
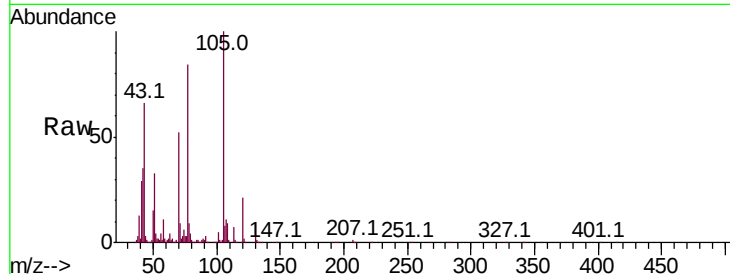
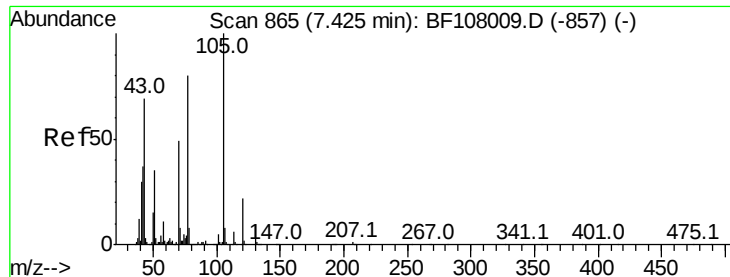
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#18
Hexachloroethane
Concen: 47.939 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	75.8	113.8	
201	112.5	75.7	113.5	





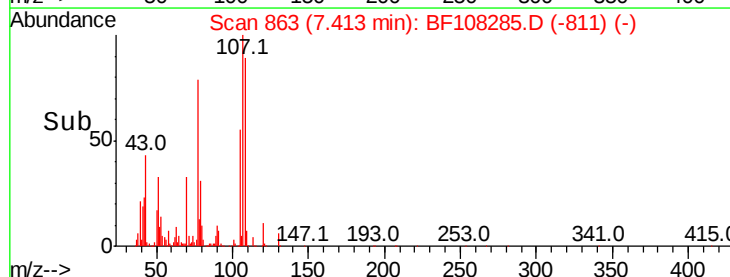
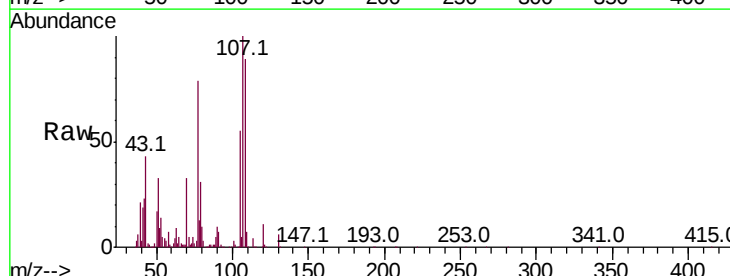
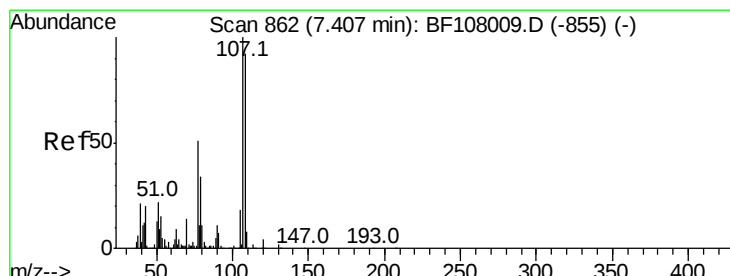
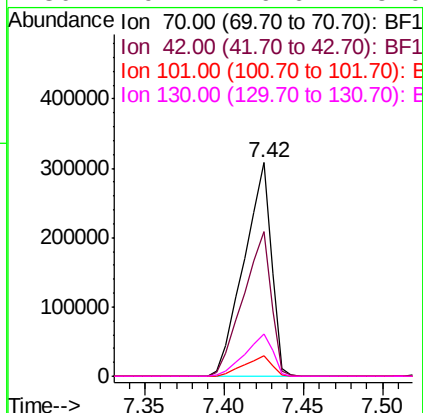
#19
n-Nitroso-di-n-propylamine
Concen: 45.936 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Manual Integrations
APPROVED

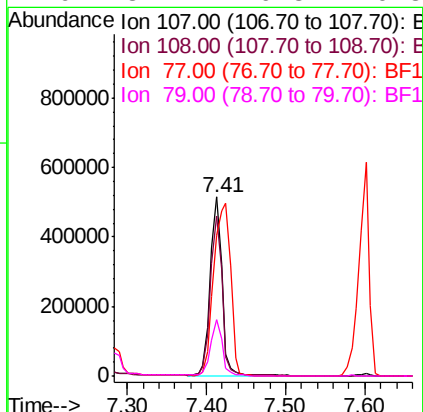
Sohil
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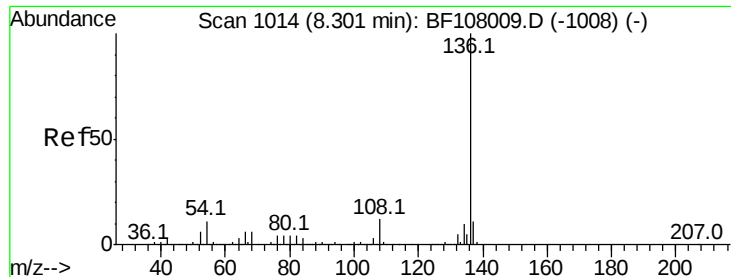
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	47.5	71.3
101	9.5	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.432 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	78.7	26.7	66.7#
79	31.4	6.3	46.3





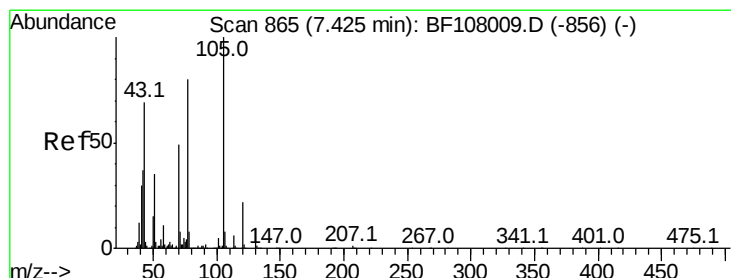
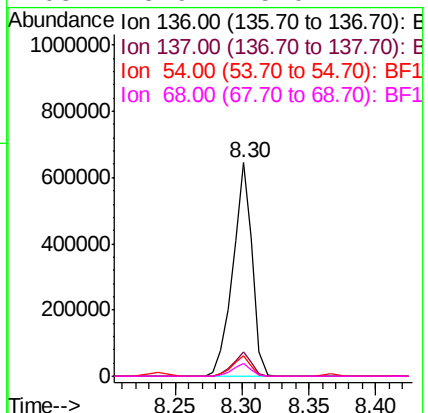
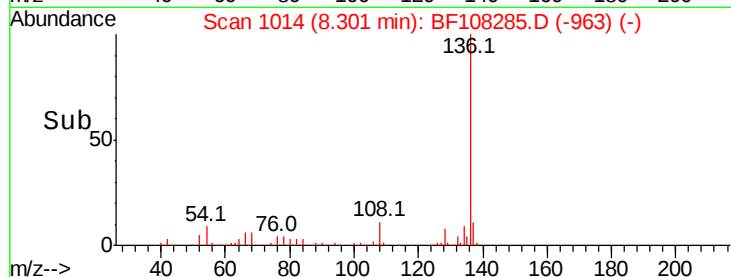
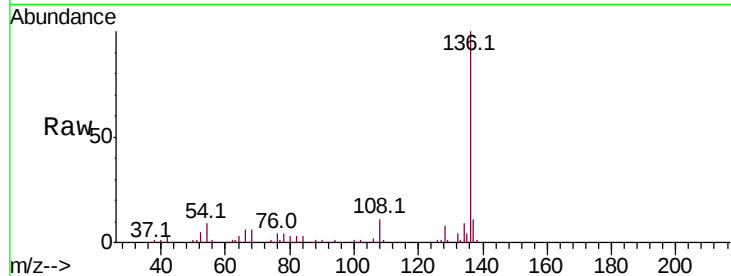
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.4	6.6	9.8	
68	5.9	5.0	7.4	

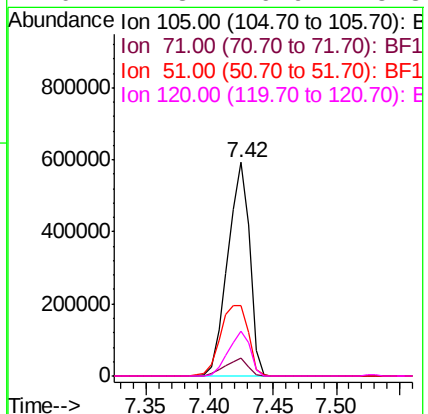
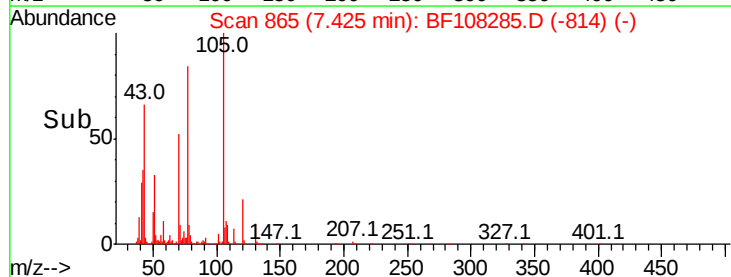
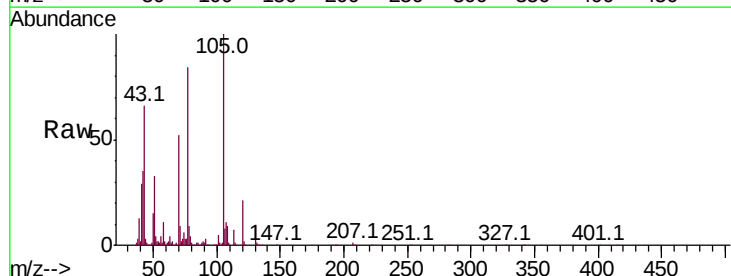
Manual Integrations
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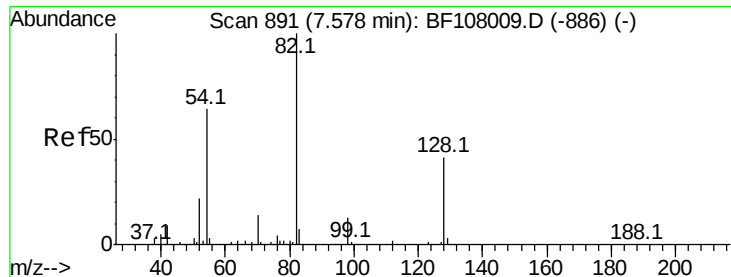
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#22
Acetophenone
Concen: 46.169 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	4.4	6.6#	
51	32.9	22.3	33.5	
120	21.3	16.9	25.3	





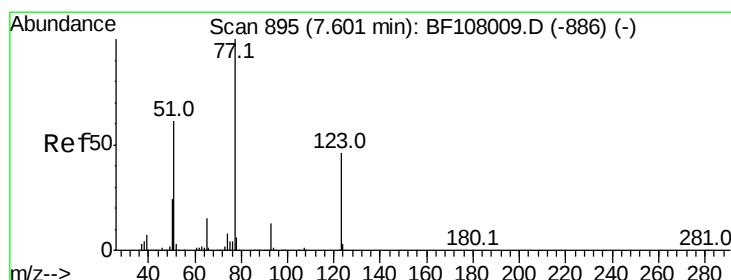
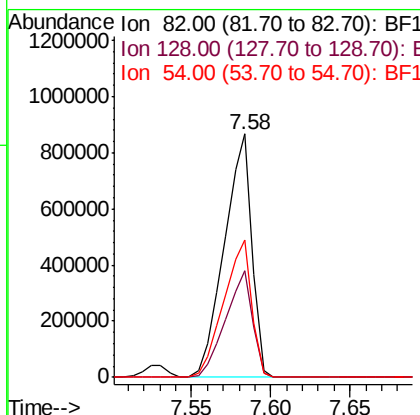
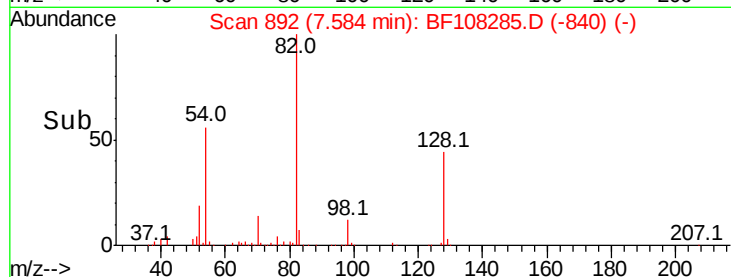
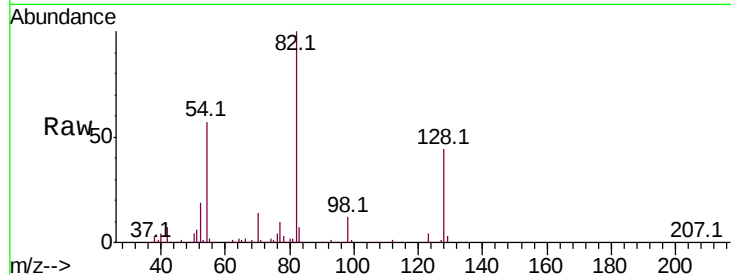
#23
 Nitrobenzene-d5
 Concen: 89.064 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	56.5	41.4	62.2

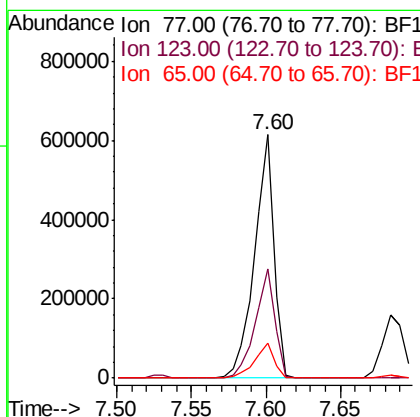
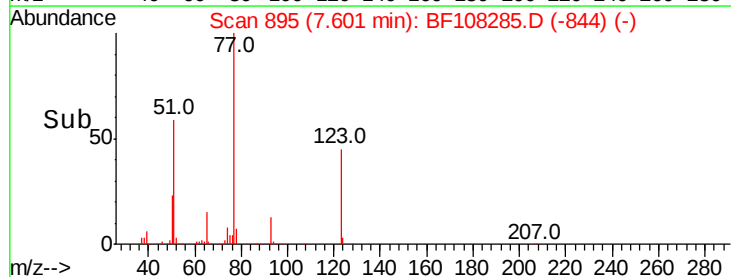
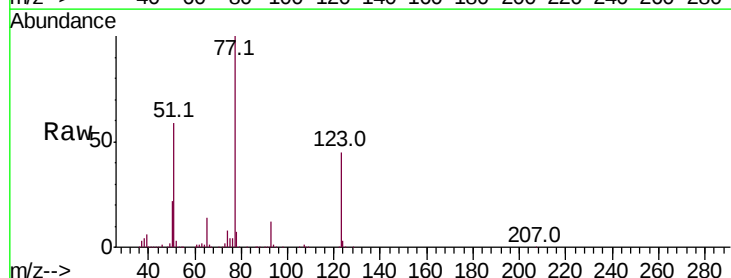
Manual Integrations
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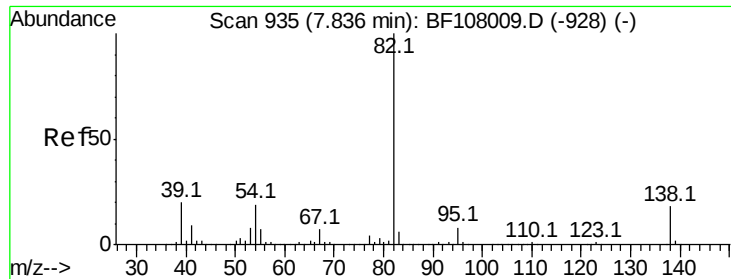
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#24
 Nitrobenzene
 Concen: 46.317 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 45.736 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

Tot Ion: 82 Resp: 1018861

Ion Ratio Lower Upper

82 100

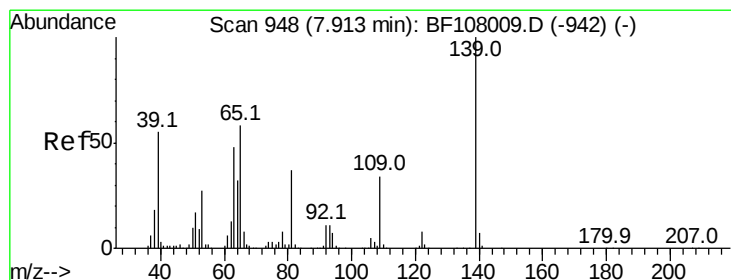
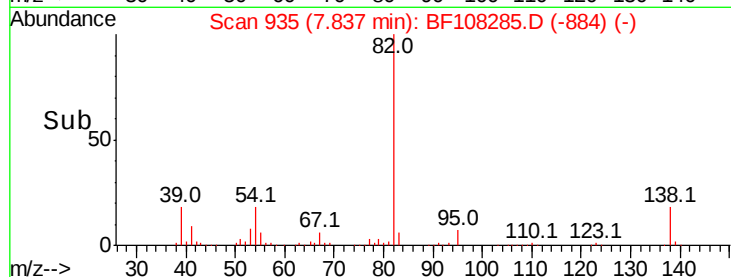
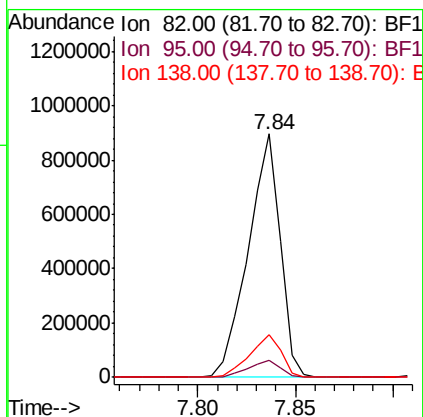
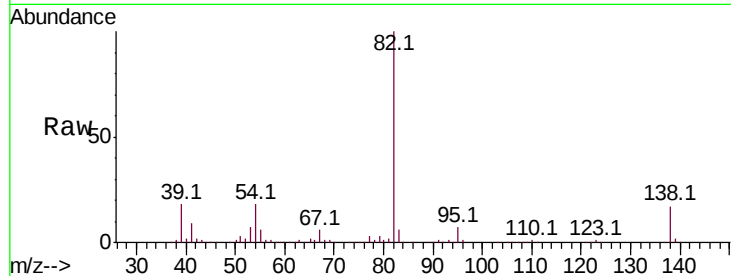
95 7.0 5.2 7.8

138 17.4 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.567 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

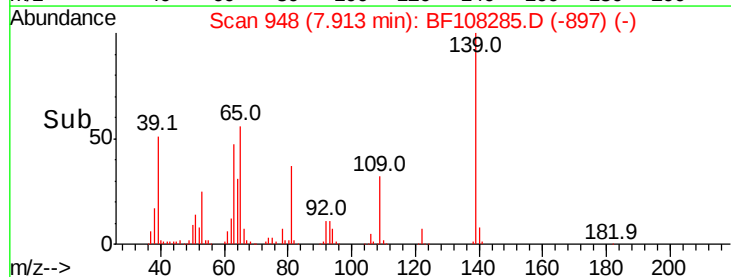
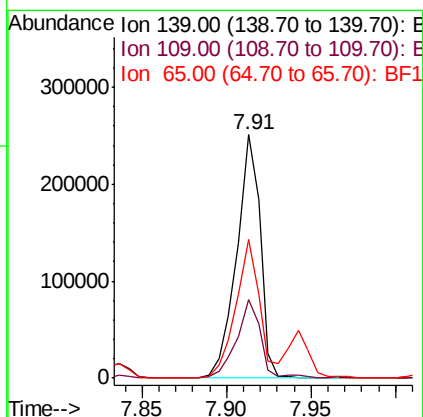
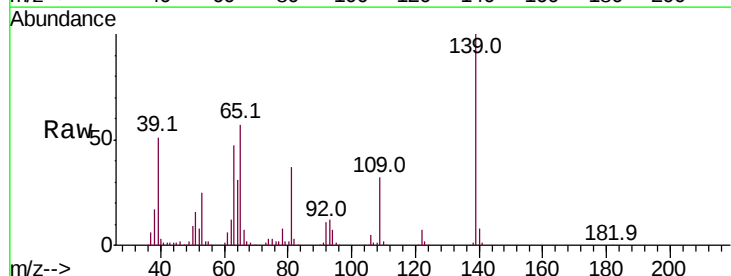
Tgt Ion: 139 Resp: 243550

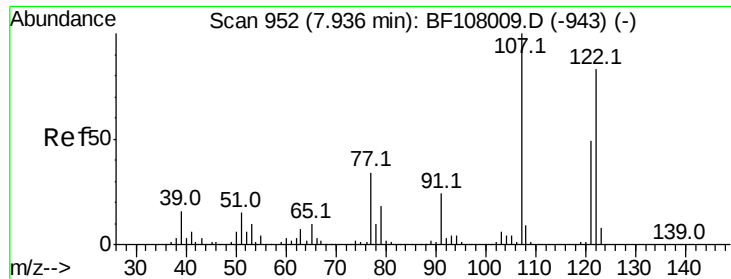
Ion Ratio Lower Upper

139 100

109 32.0 22.7 34.1

65 56.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.389 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

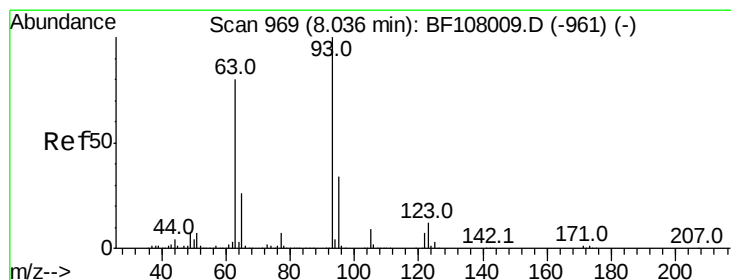
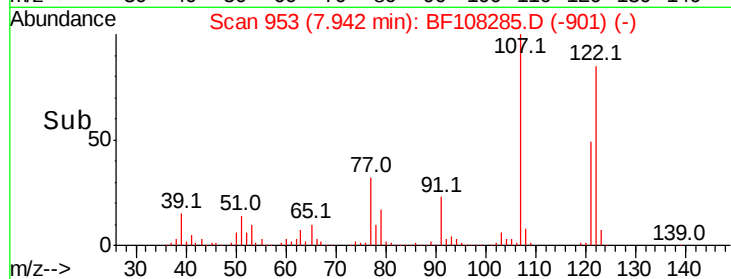
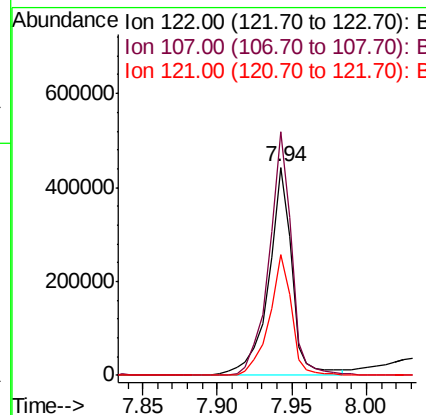
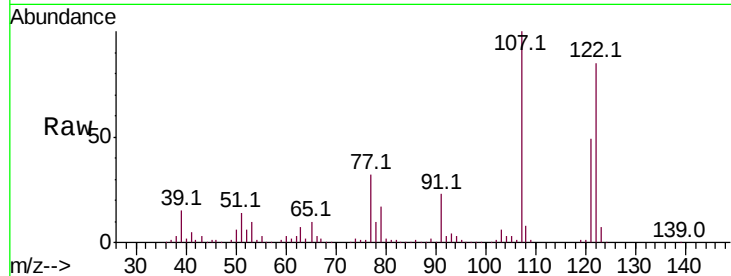
ClientSampleId :

PB112152BS

Tot Ion:	122	Resp:	478430
Ion Ratio	Lower	Upper	
122	100		
107	117.1	91.2	136.8
121	57.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 47.120 ng

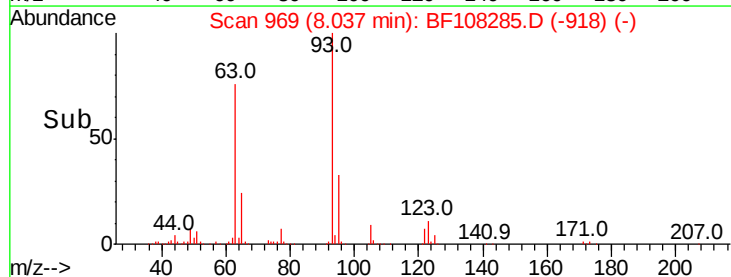
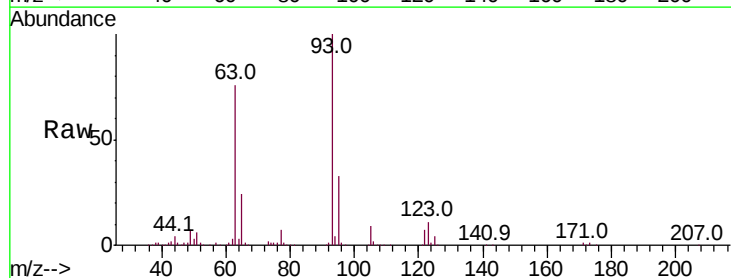
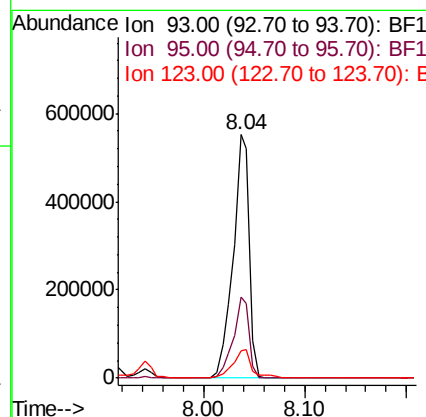
RT: 8.04 min Scan# 969

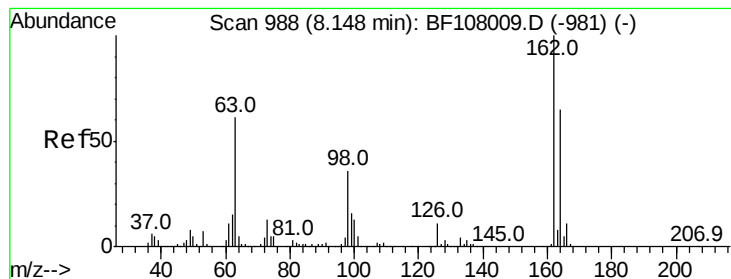
Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion:	93	Resp:	612786
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 49.618 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

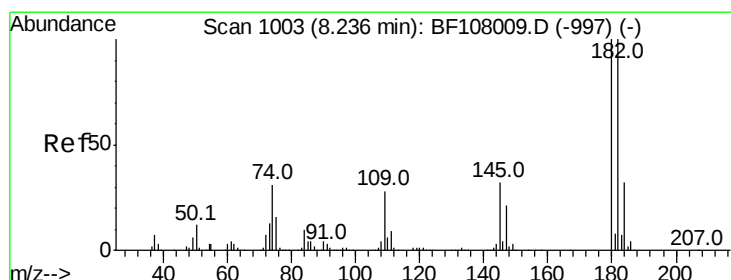
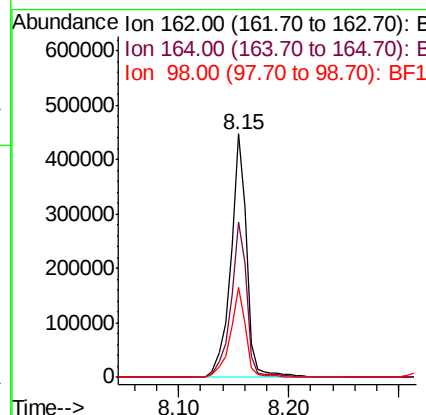
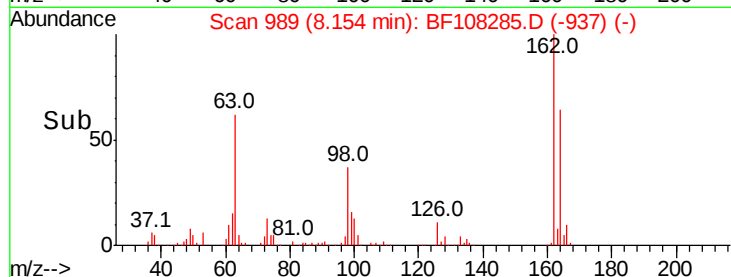
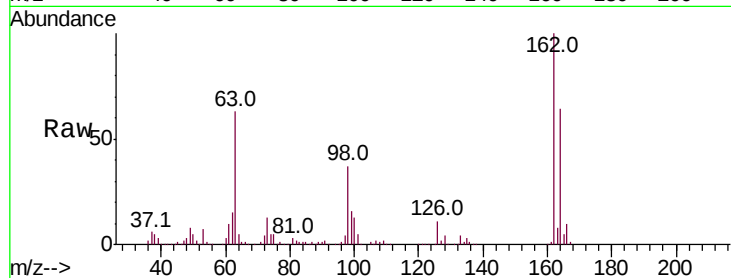
ClientSampleId :

PB112152BS

Tot Ion:	162	Resp:	451463
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.7	82.7
98	37.2	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 47.387 ng

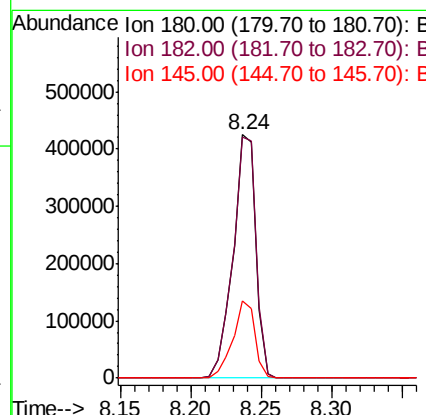
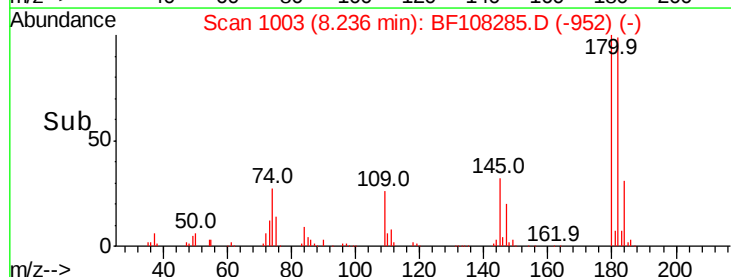
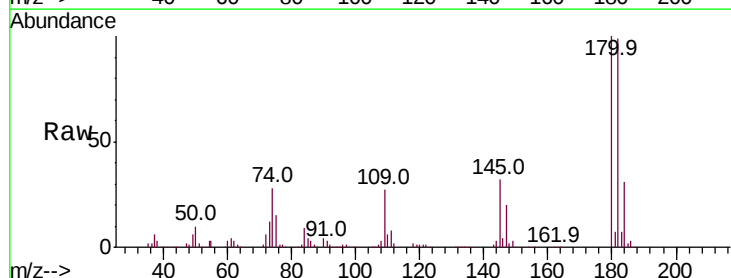
RT: 8.24 min Scan# 1003

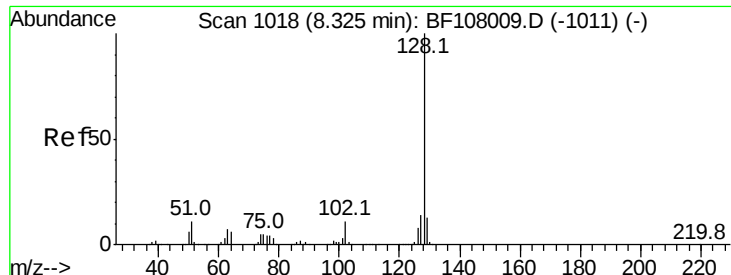
Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion:	180	Resp:	475381
Ion Ratio	Lower	Upper	
180	100		
182	99.0	76.8	115.2
145	31.7	26.5	39.7





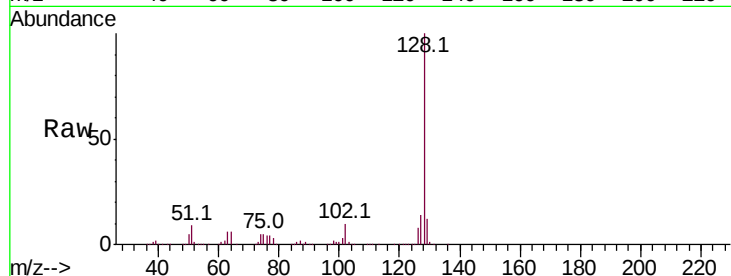
#31
Naphthalene
Concen: 48.623 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.6	10.9	16.3

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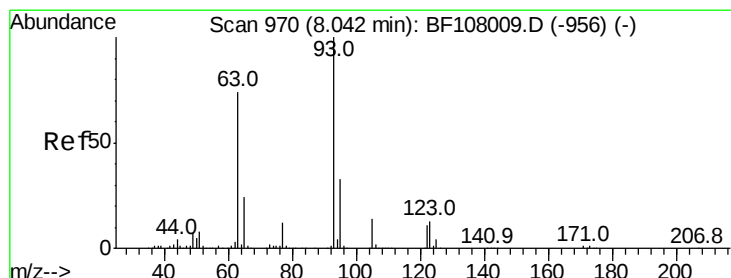
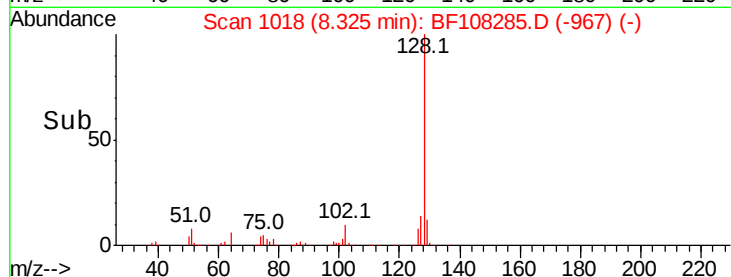
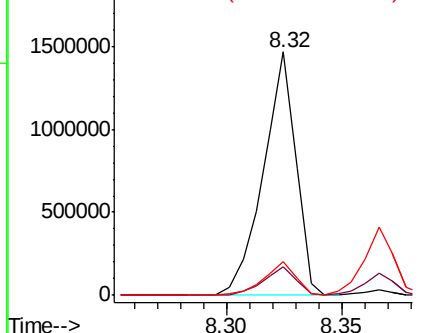


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.213 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

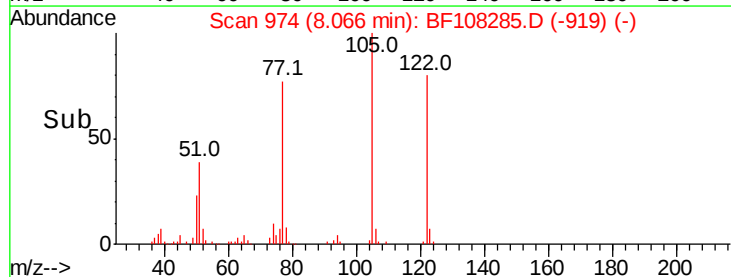
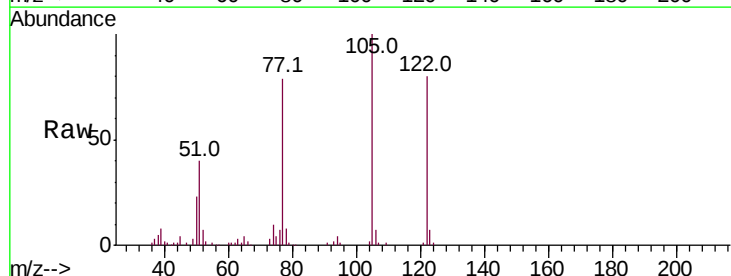
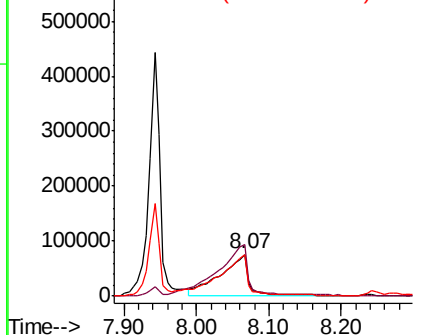
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	101.1	141.1
77	98.5	70.7	110.7

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





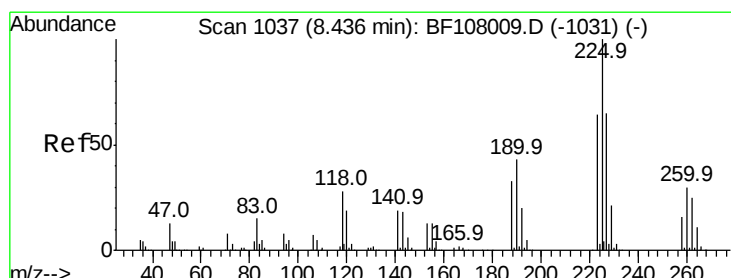
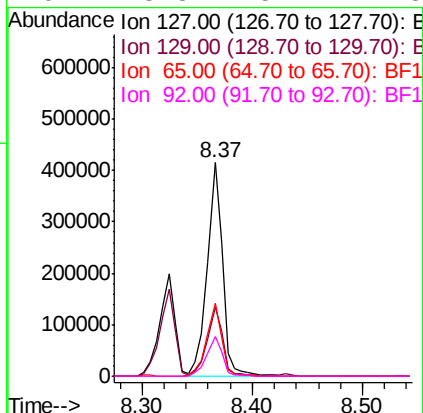
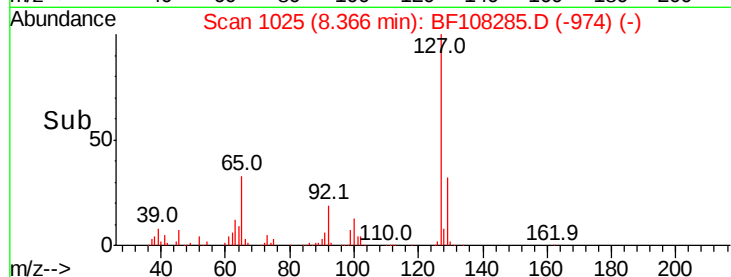
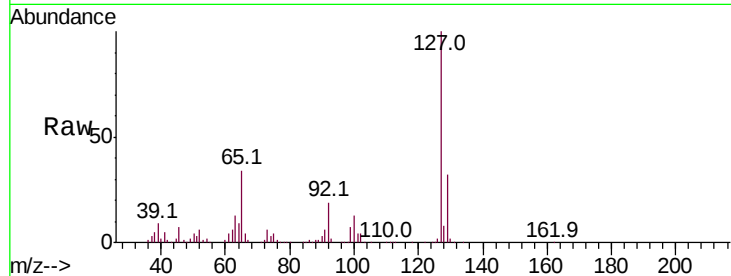
#33
4-Chloroaniline
Concen: 30.072 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	34.1	25.0	37.4		
92	18.8	15.2	22.8		

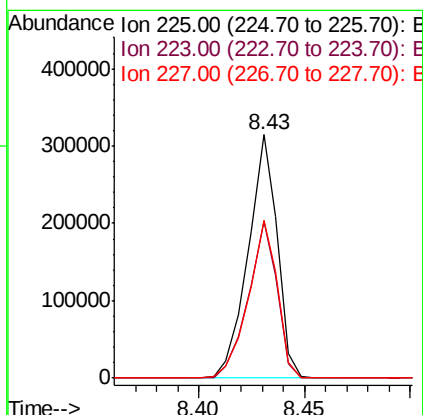
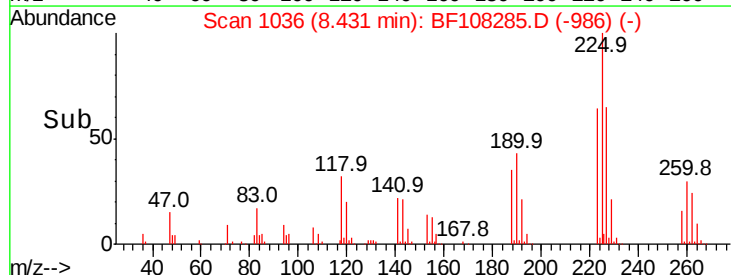
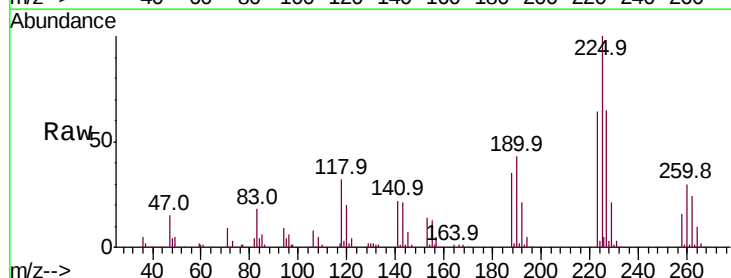
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#34
Hexachlorobutadiene
Concen: 47.338 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.6	76.0		
227	65.0	51.9	77.9		





#35

Caprolactam

Concen: 44.772 ng/ml

RT: 8.74 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

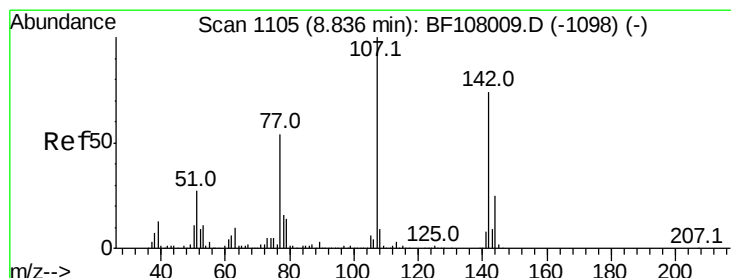
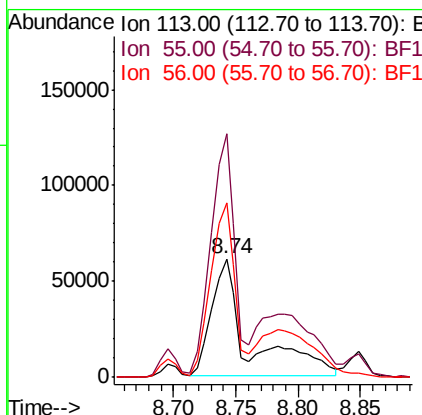
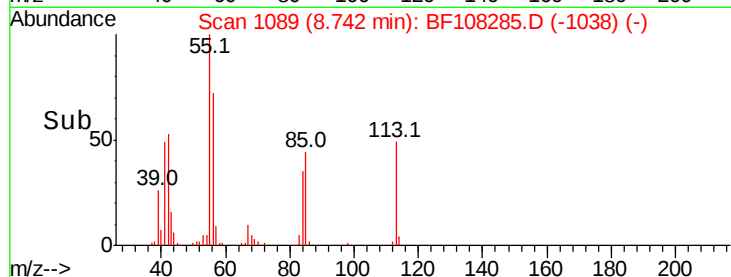
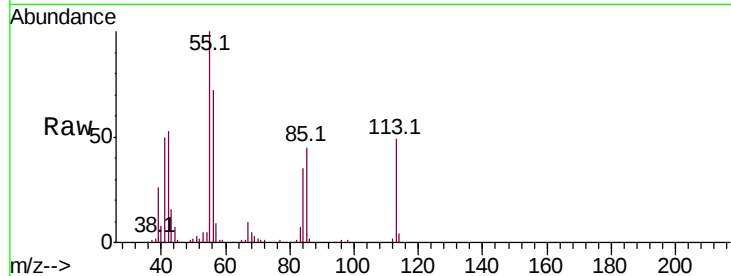
ClientSampled :

PB112152BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.7	163.3	203.3#
56	147.8	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 47.650 ng/ml

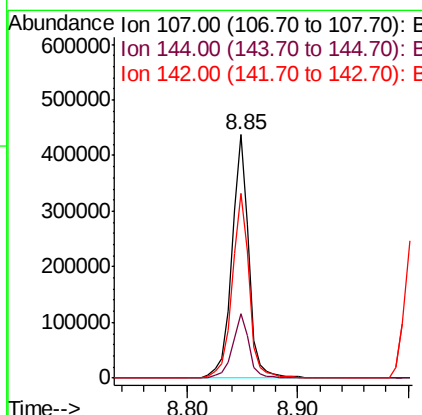
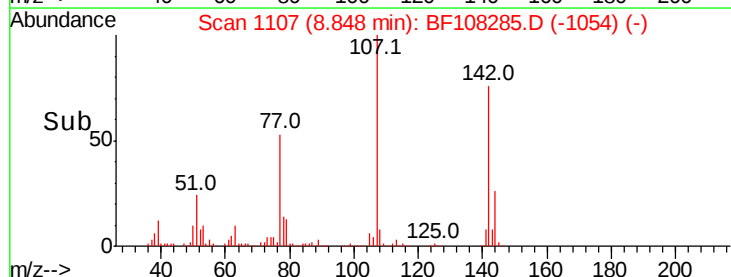
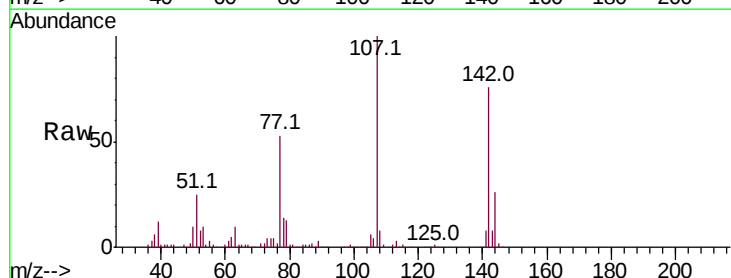
RT: 8.85 min Scan# 1107

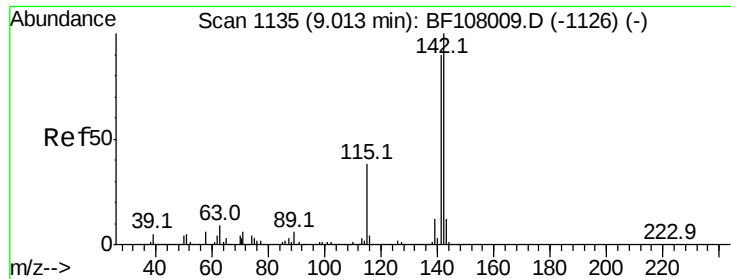
Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	75.9	62.0	93.0





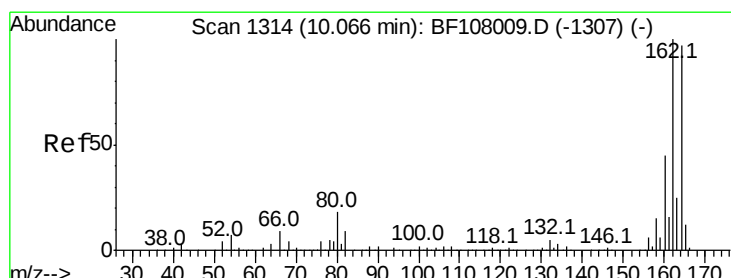
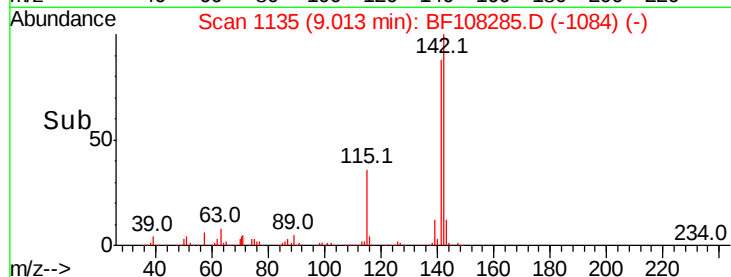
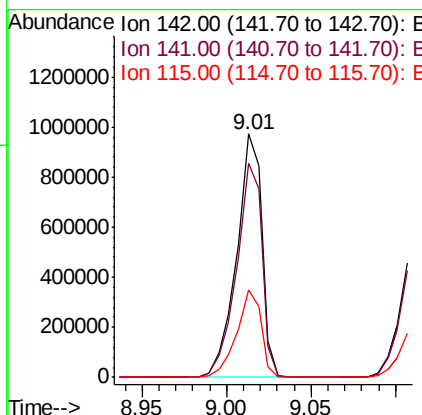
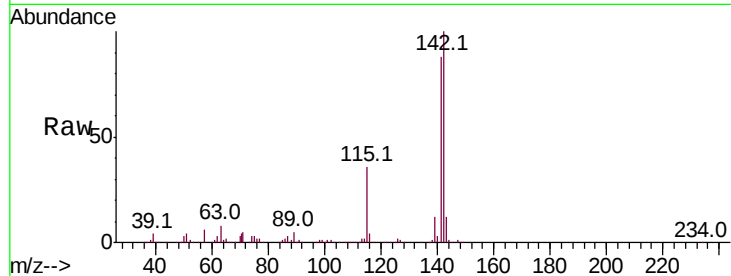
#37
2-Methylnaphthalene
Concen: 48.324 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion:142 Resp: 1014076
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 36.1 26.1 39.1

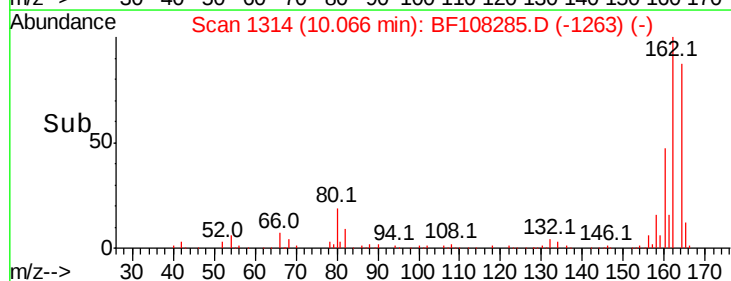
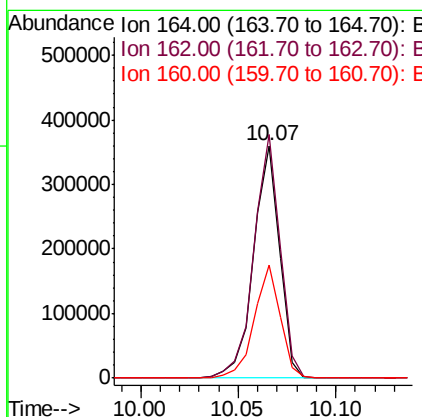
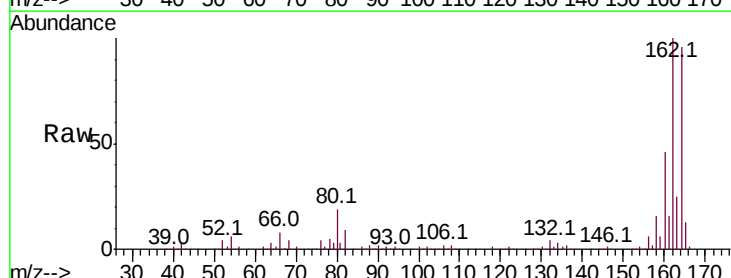
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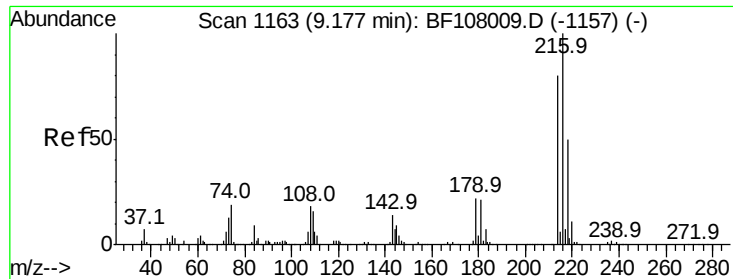
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:164 Resp: 333999
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 48.6 38.3 57.5





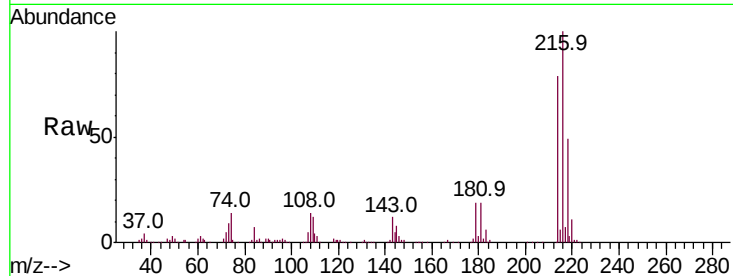
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.869 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

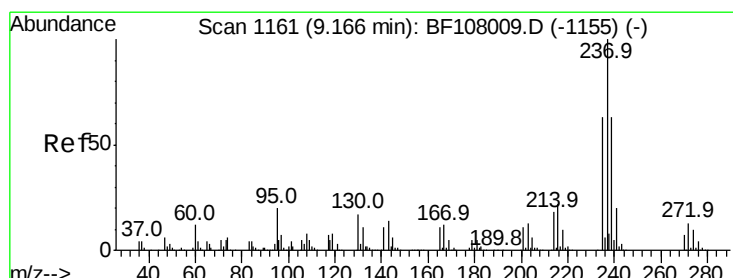
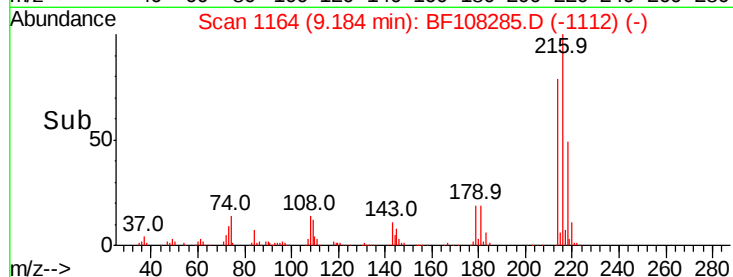
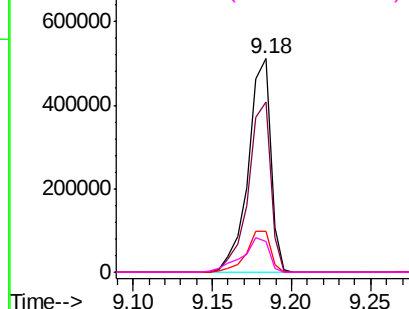
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.4	18.1	27.1
108	19.6	17.2	25.8

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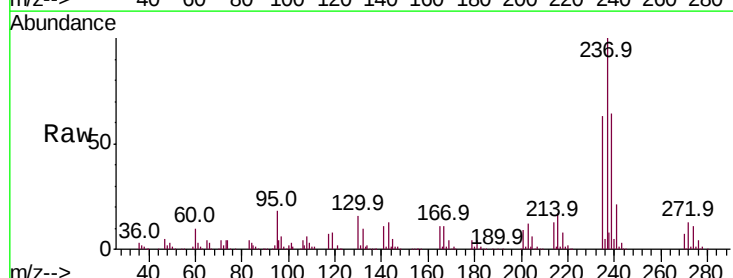


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

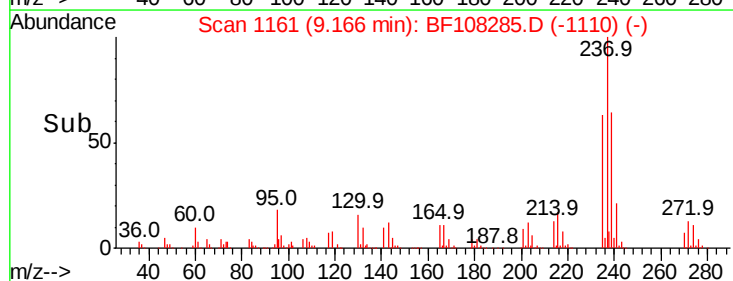
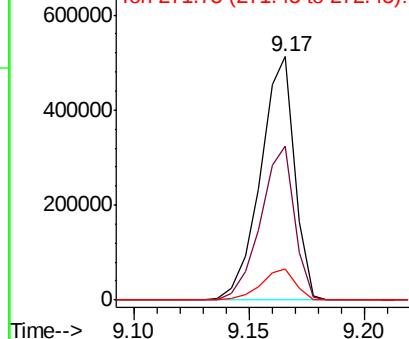


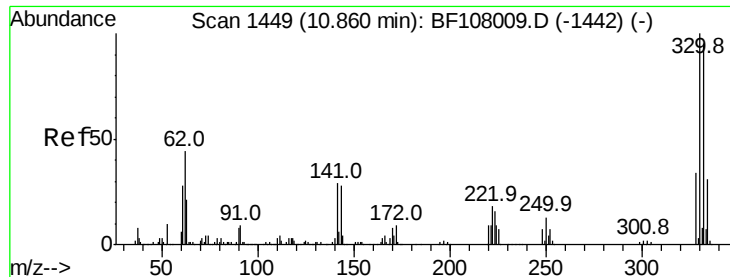
#40
 Hexachlorocyclopentadiene
 Concen: 79.382 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.0	0.0	33.3



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





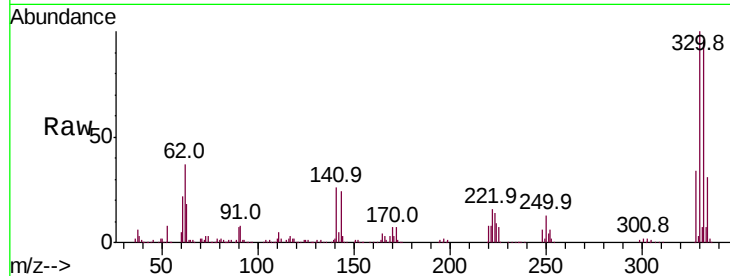
#41
 2,4,6-Tribromophenol
 Concen: 151.612 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

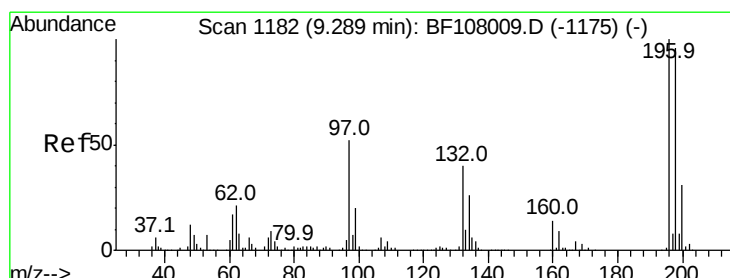
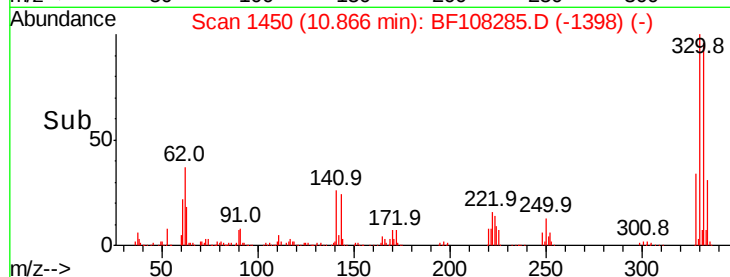
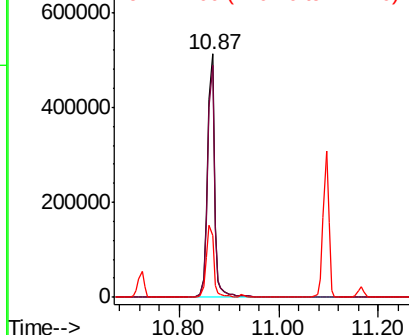
Tot Ion	Ratio	Resp	Lower	Upper
330	100	505103		
332	95.5	77.0	115.6	
141	31.3	29.9	44.9	

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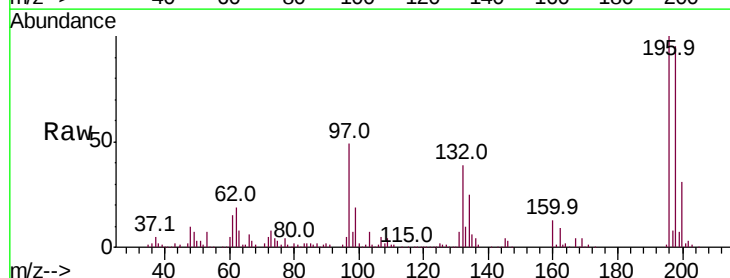


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

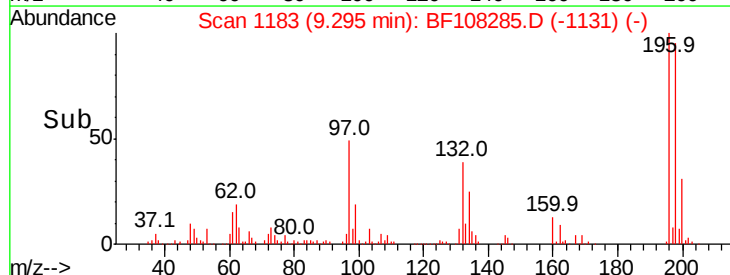
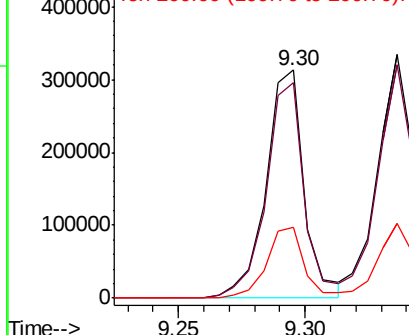


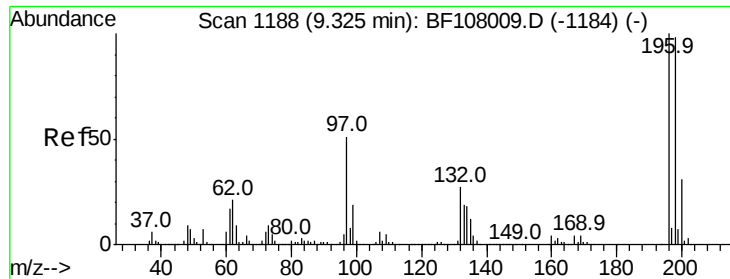
#42
 2,4,6-Trichlorophenol
 Concen: 51.920 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330465		
198	94.8	75.7	113.5	
200	31.1	24.5	36.7	



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





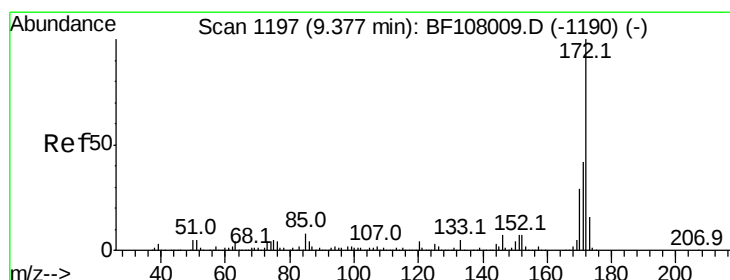
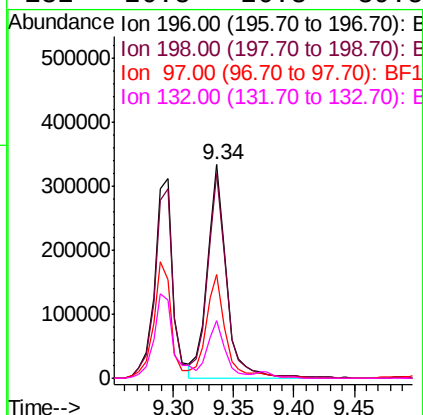
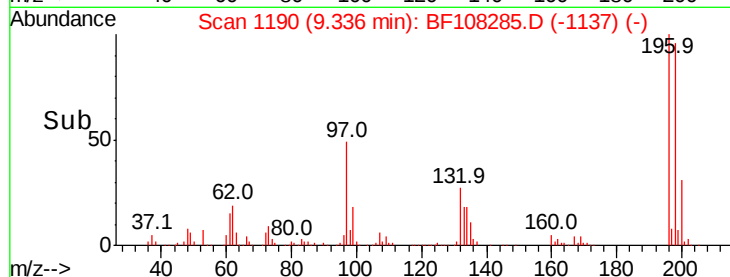
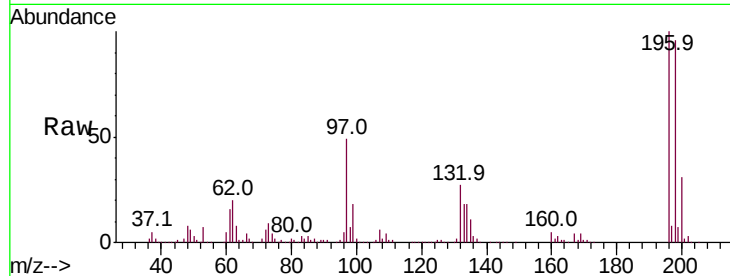
#43
 2,4,5-Trichlorophenol
 Concen: 51.758 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	362648		
198	96.0	74.6	112.0	
97	48.7	42.9	64.3	
132	26.8	26.3	39.5	

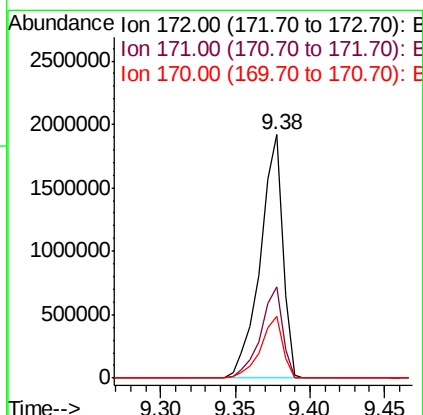
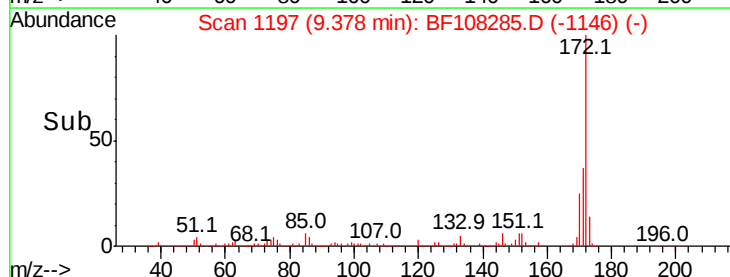
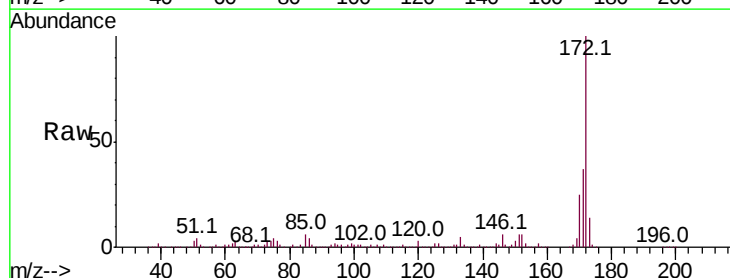
Manual Integrations
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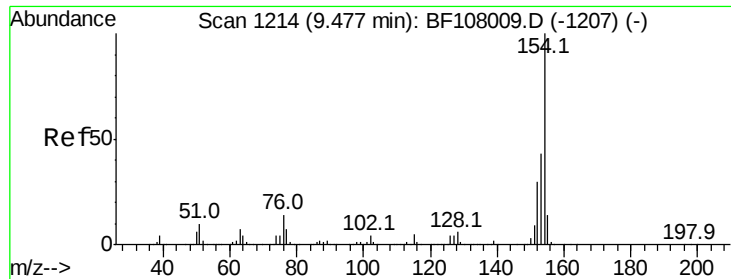
Sohil
 8/21/2018 6:33:30 PM



#44
 2-Fluorobiphenyl
 Concen: 95.346 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1983566		
171	37.3	29.7	44.5	
170	25.3	19.6	29.4	





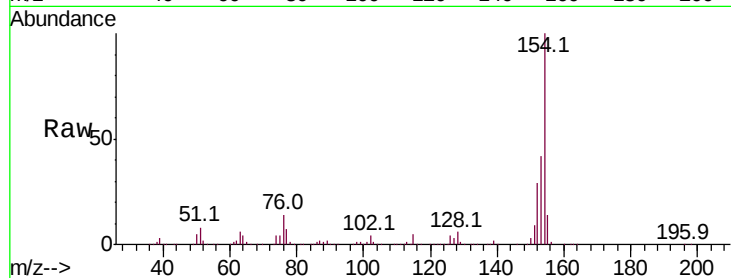
#45
 1,1'-Biphenyl
 Concen: 49.391 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.5	0.0	34.0

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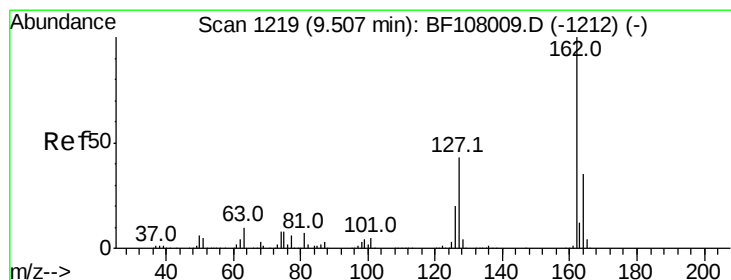
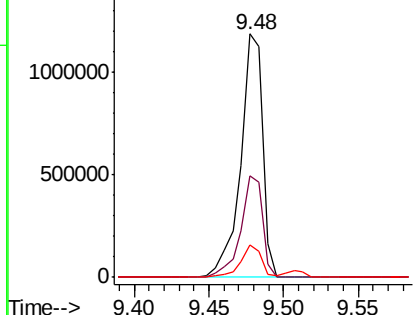
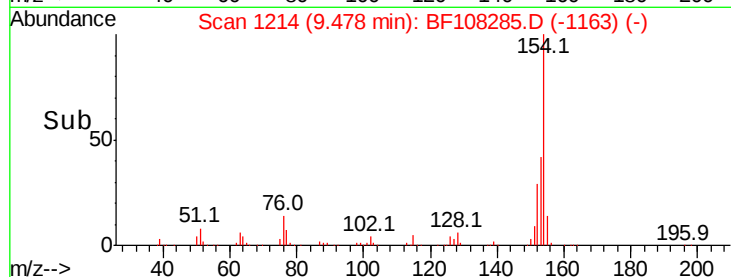


Abundance

Ion 154.00 (153.70 to 154.70): E

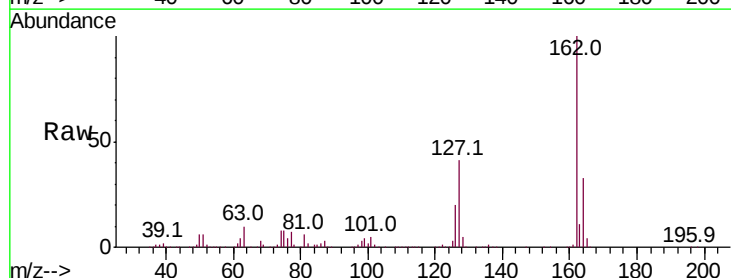
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 49.246 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	33.4	26.5	39.7

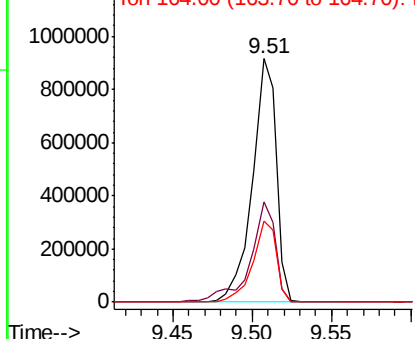
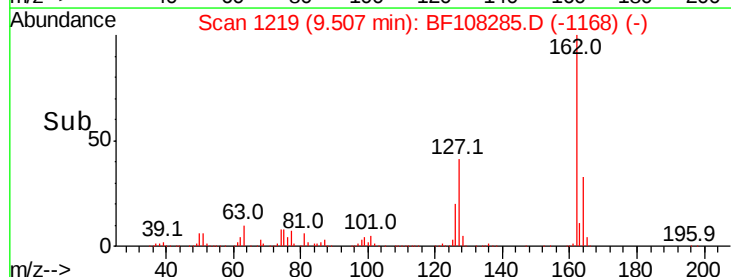


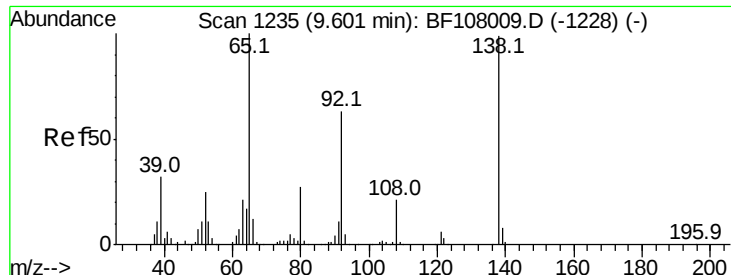
Abundance

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





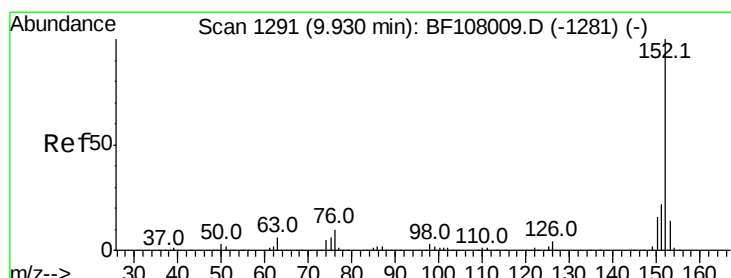
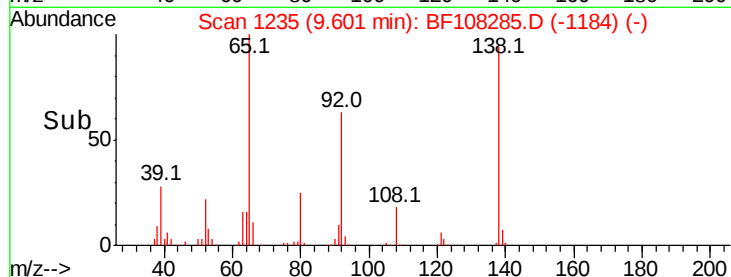
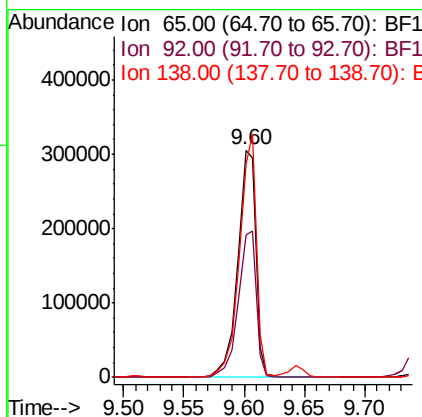
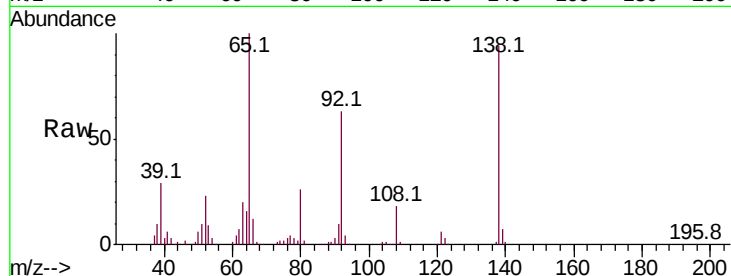
#47
2-Nitroaniline
Concen: 50.872 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	55.8	83.6
138	93.6	91.2	136.8

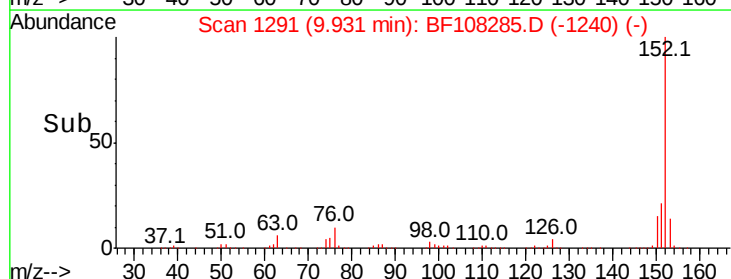
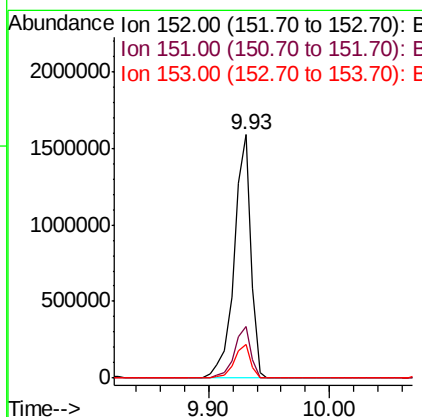
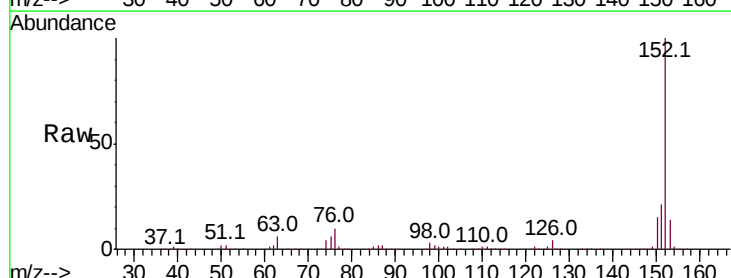
Manual Integrations
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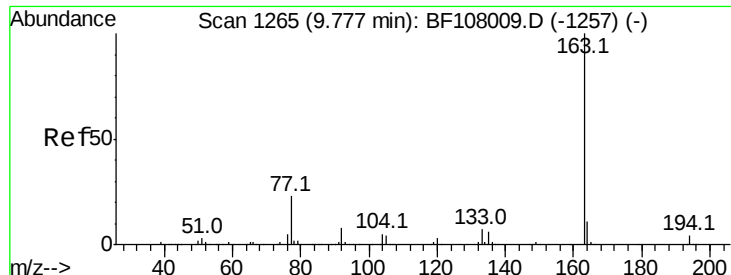
Sohil
8/21/2018 6:33:30 PM



#48
Acenaphthylene
Concen: 49.583 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	13.7	10.7	16.1





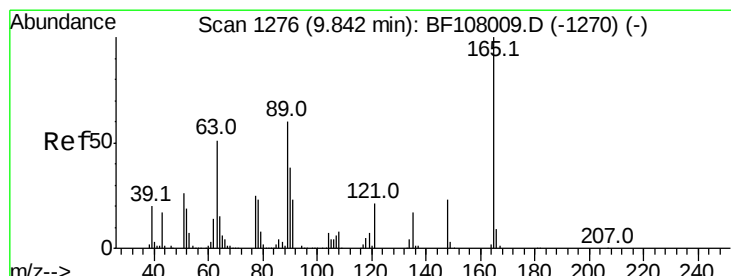
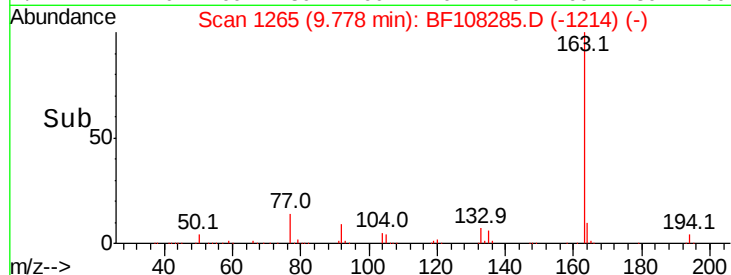
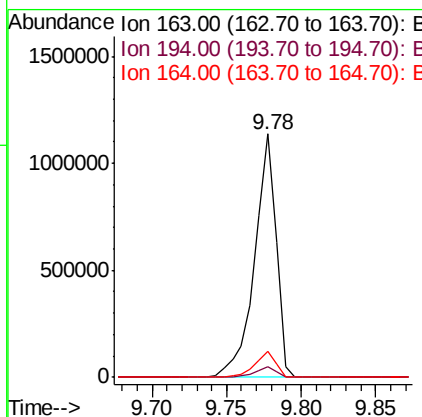
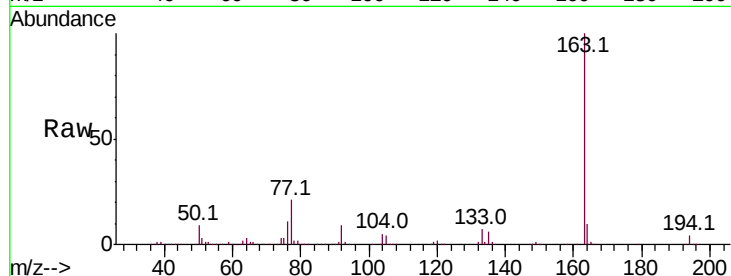
#49
Dimethylphthalate
Concen: 48.624 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2

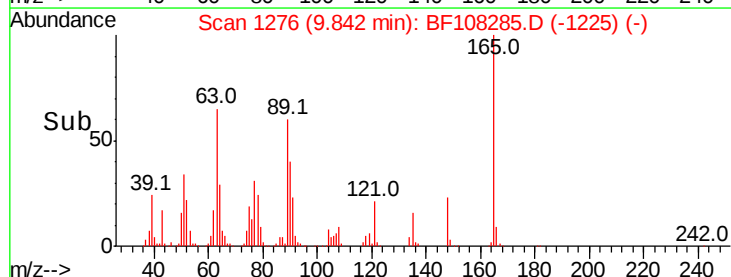
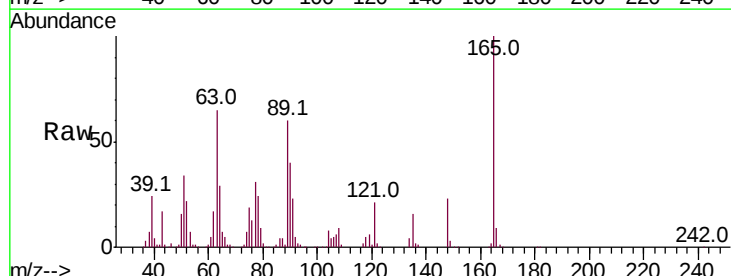
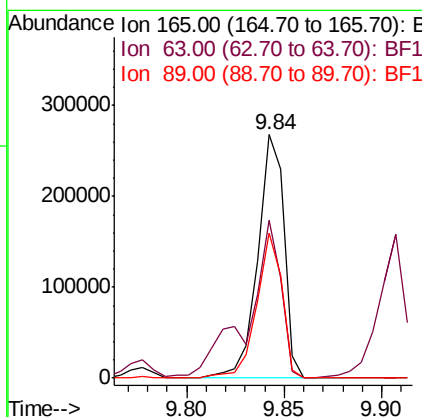
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 51.337 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.1	44.7	67.1
89	59.7	44.0	66.0





#51

Acenaphthene

Concen: 47.959 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

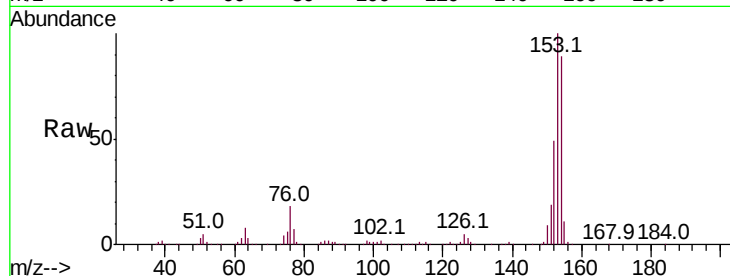
ClientSampleId :

PB112152BS

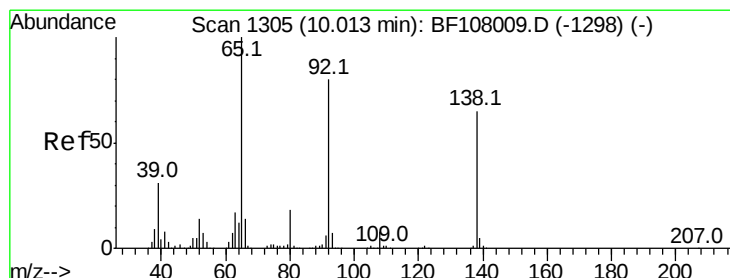
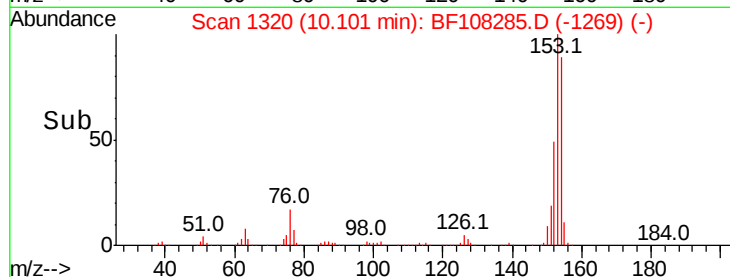
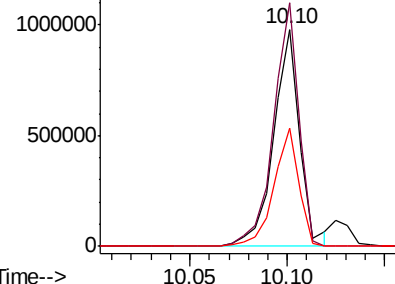
Tot Ion:	154	Resp:	903861
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.2	136.8
152	54.5	43.8	65.8

Manual Integrations
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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: 37.084 ng

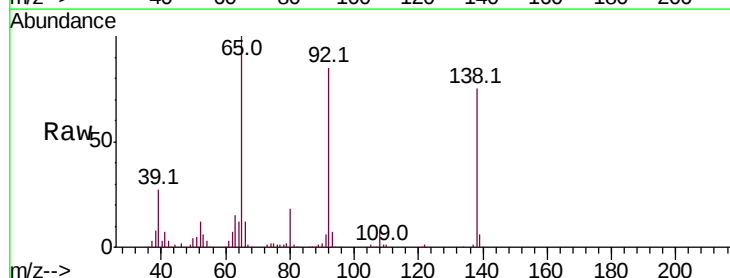
RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

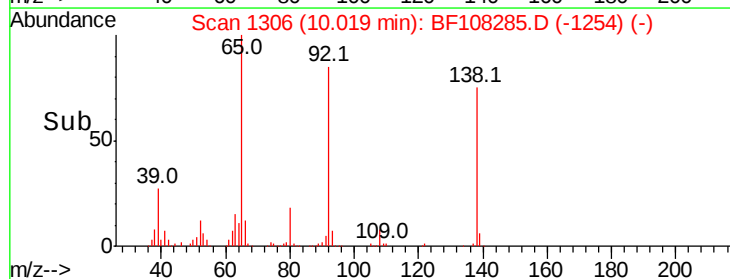
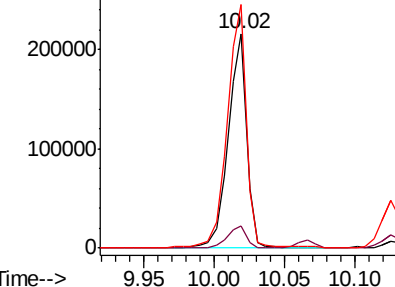
Lab File: BF108285.D

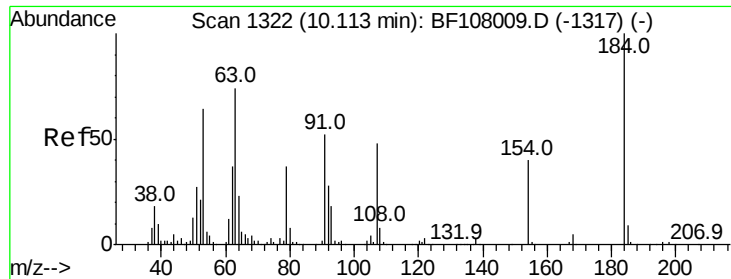
Acq: 20 Aug 2018 13:05

Tgt Ion:	138	Resp:	197502
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	113.4	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





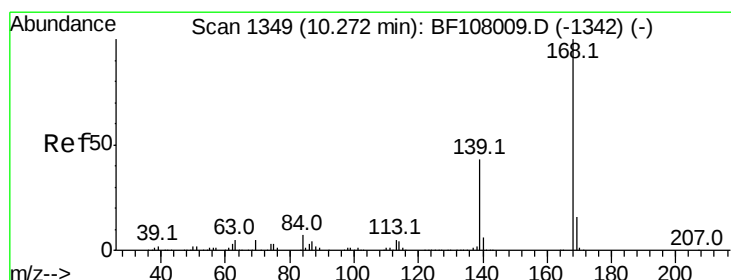
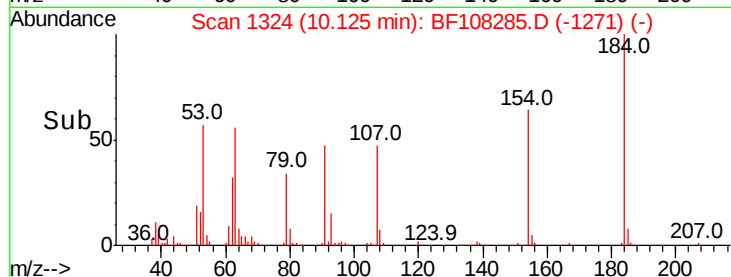
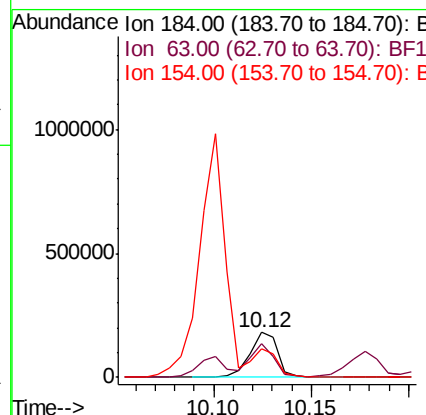
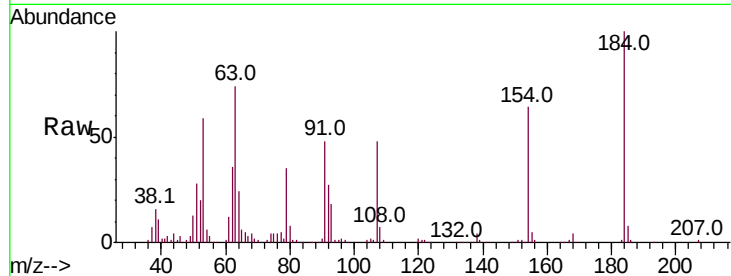
#53
2,4-Dinitrophenol
Concen: 97.189 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampled :
PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	180060		
63	74.2	54.2	81.2	
154	63.6	184.0	276.0	

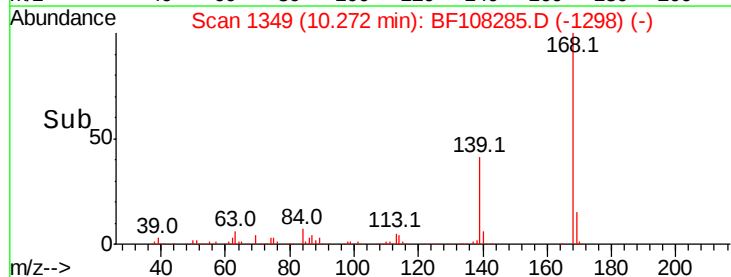
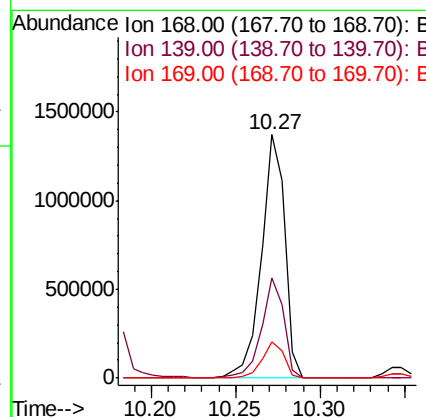
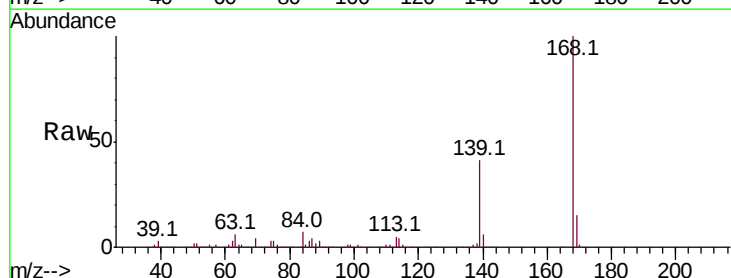
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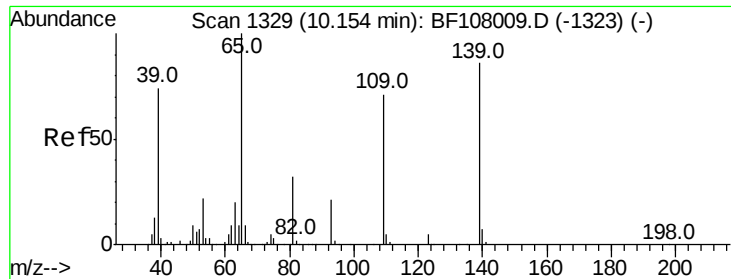
Sohil
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#54
Dibenzofuran
Concen: 48.483 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1323801		
139	41.1	30.1	45.1	
169	15.2	10.9	16.3	





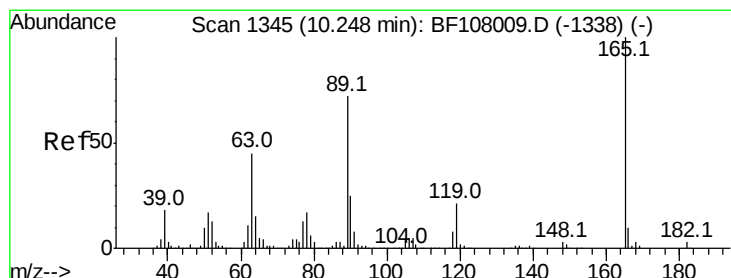
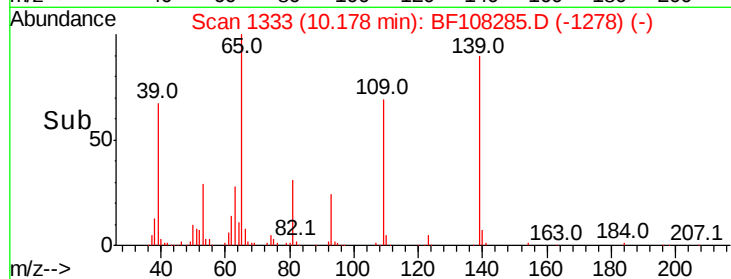
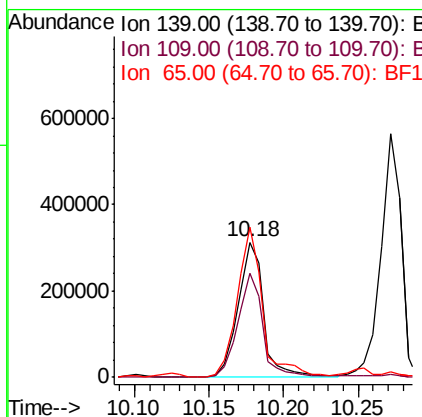
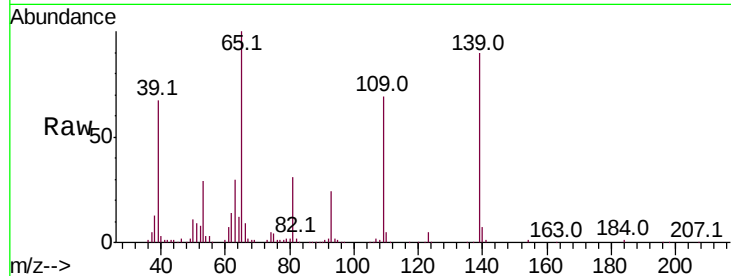
#55
4-Nitrophenol
Concen: 92.800 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.7	48.4	88.4
65	111.5	72.6	112.6

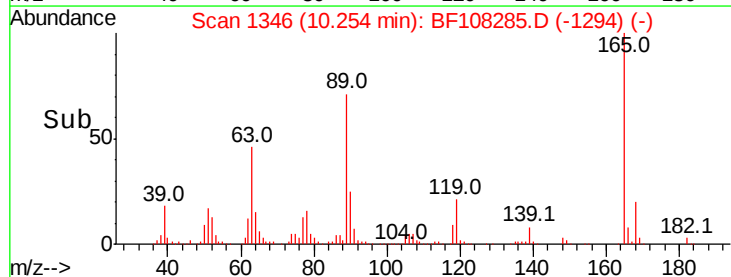
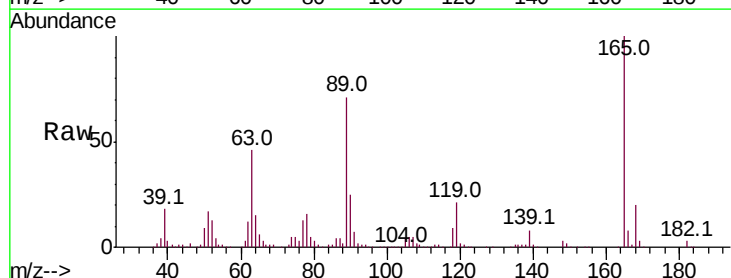
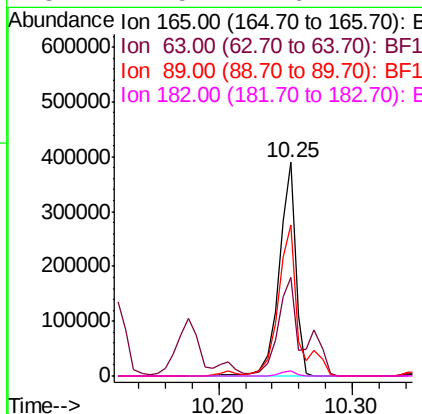
Manual Integrations
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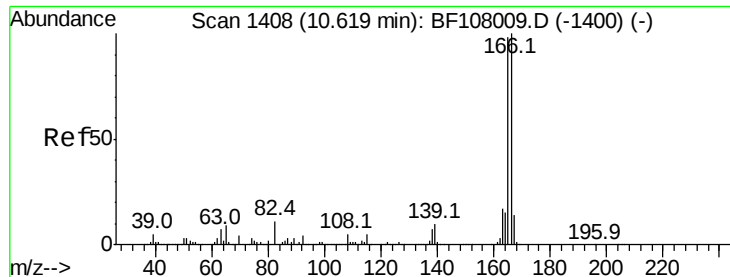
Sohil
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#56
2,4-Dinitrotoluene
Concen: 54.419 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.9	36.4	54.6
89	70.8	57.8	86.6
182	2.5	1.6	2.4#





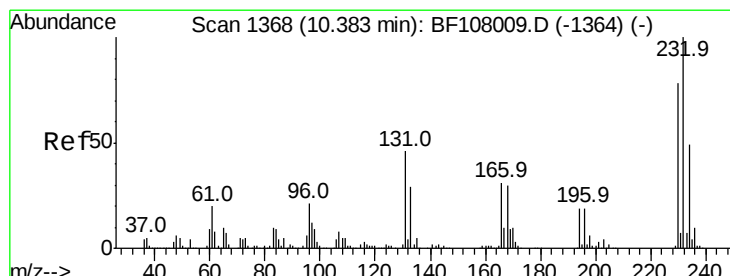
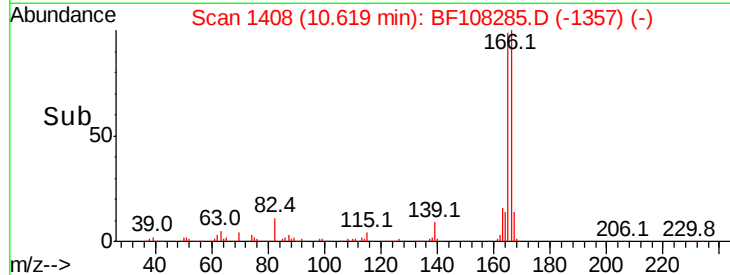
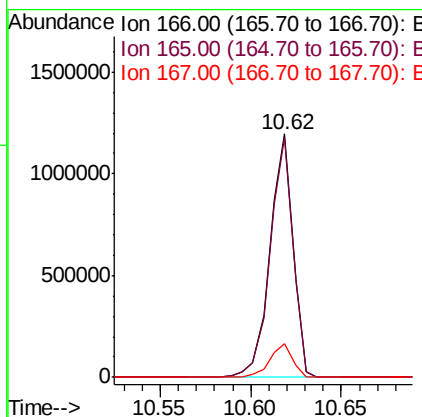
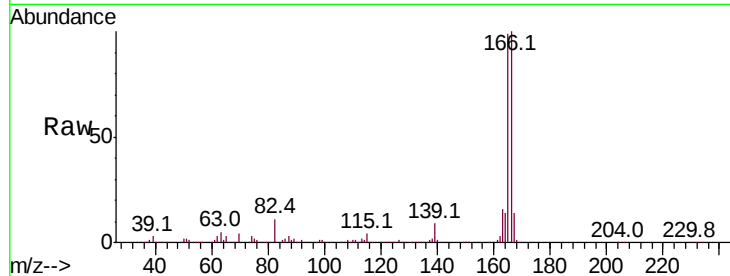
#57
 Fluorene
 Concen: 48.816 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:166 Resp: 1055137
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.7 10.6 16.0

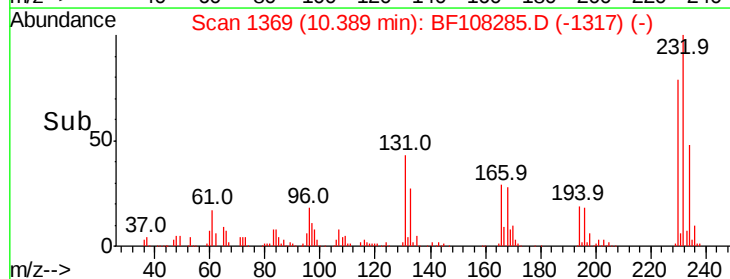
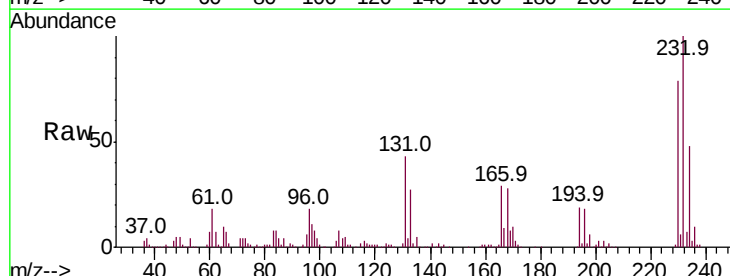
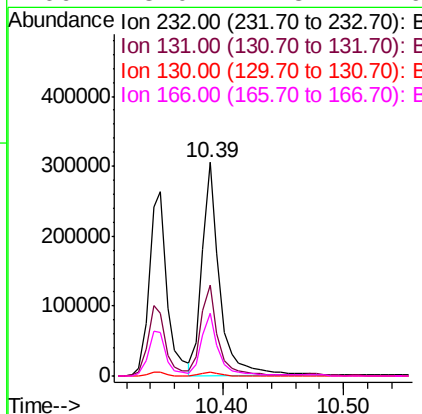
Manual Integrations
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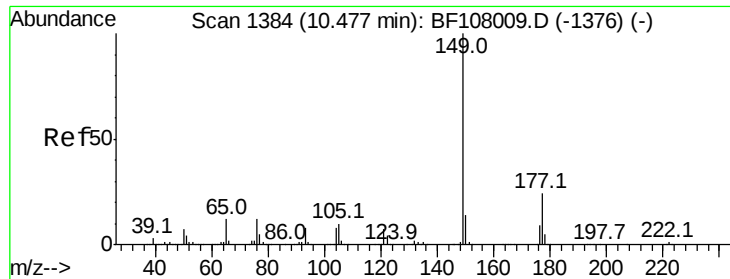
Sohil
 8/21/2018 6:33:30 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.371 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion:232 Resp: 306698
 Ion Ratio Lower Upper
 232 100
 131 42.3 43.8 65.8#
 130 2.0 2.1 3.1#
 166 28.0 27.8 41.6





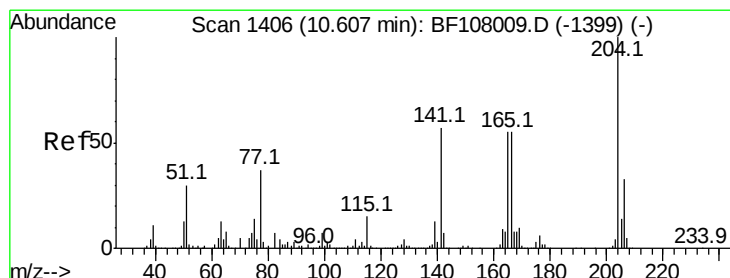
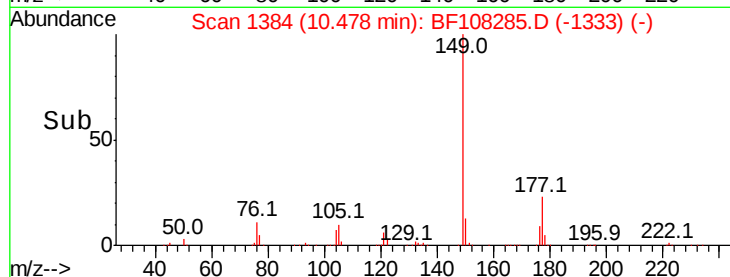
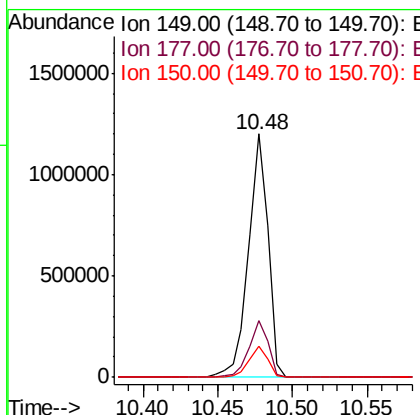
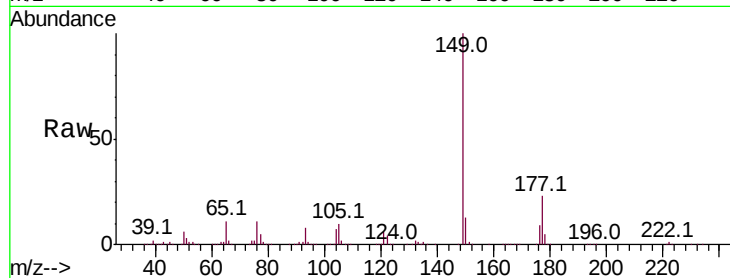
#59
Diethylphthalate
Concen: 48.203 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	16.1	24.1
150	12.9	10.1	15.1

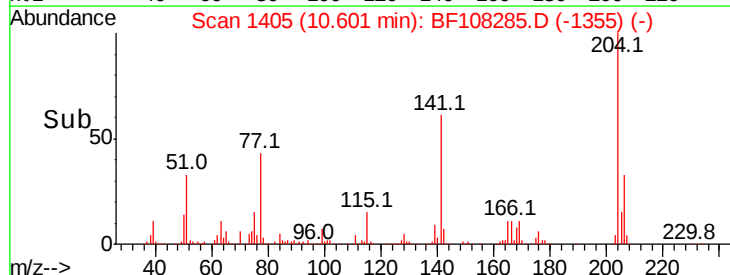
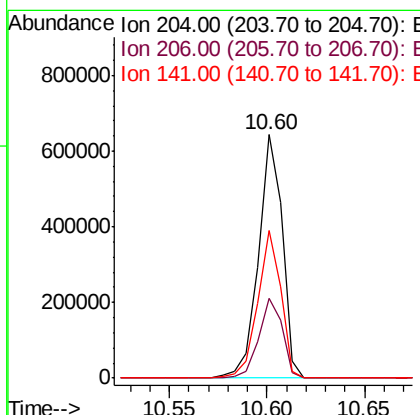
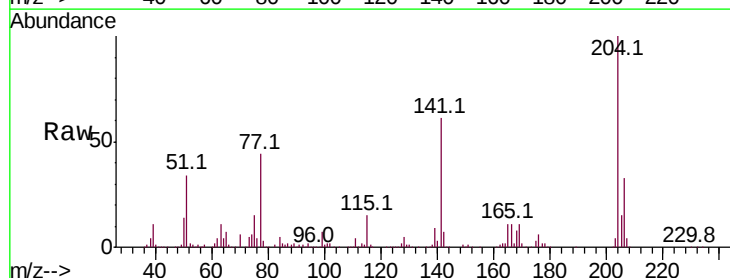
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 48.156 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	60.8	54.6	81.8





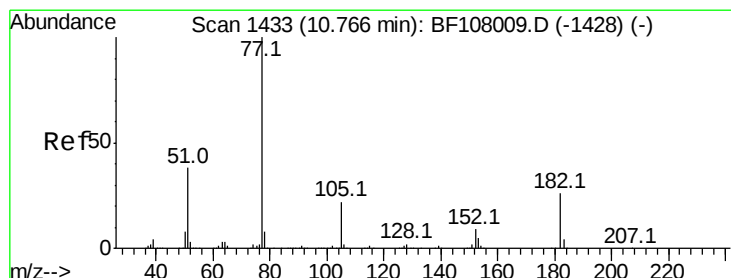
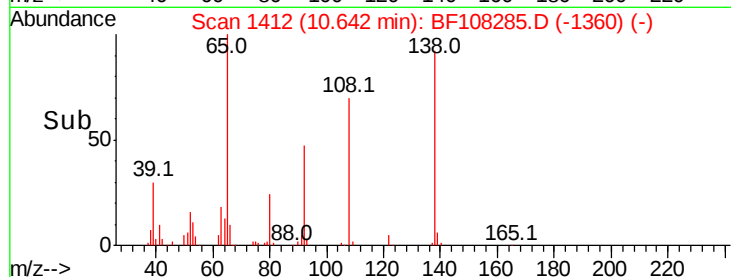
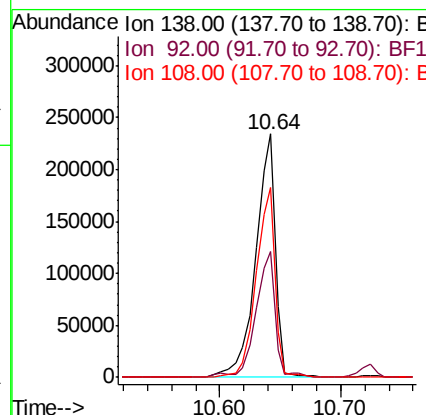
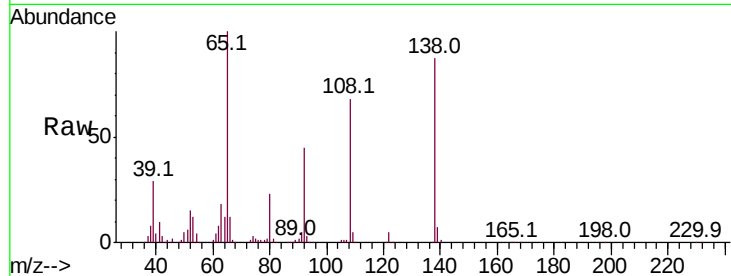
#61
4-Nitroaniline
Concen: 50.894 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.6	30.2	70.2
108	77.8	52.5	92.5

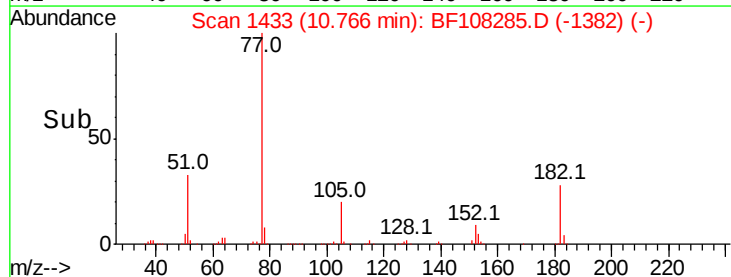
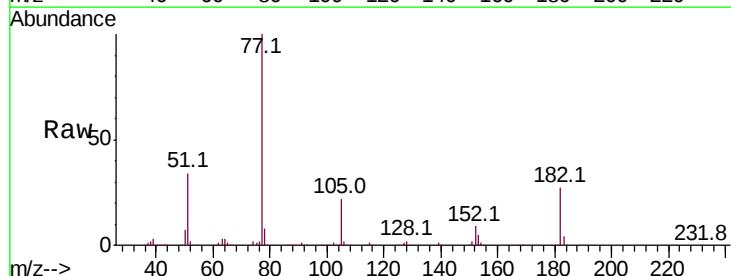
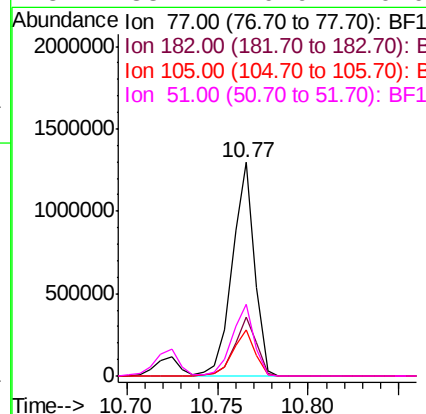
Manual Integrations
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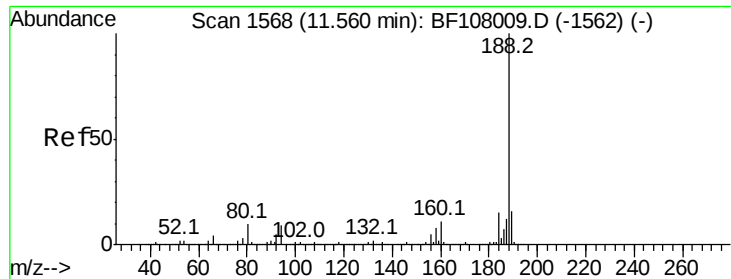
Sohil
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#62
Azobenzene
Concen: 47.268 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	1.7	41.7
105	21.9	3.0	43.0
51	33.7	9.9	49.9





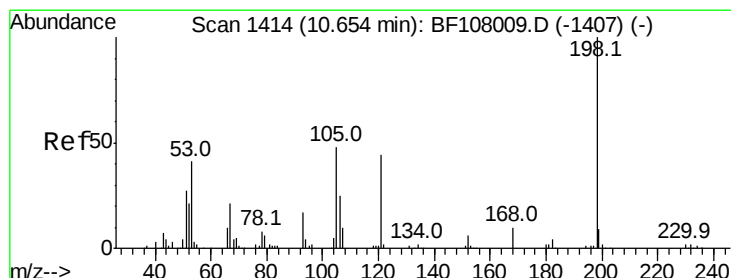
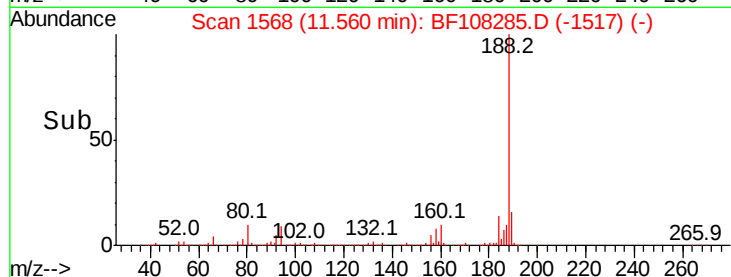
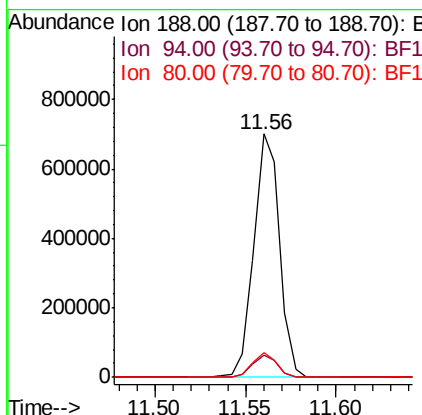
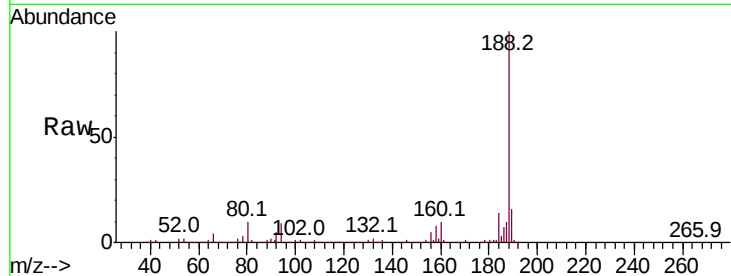
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	686626		
94	9.2		8.5	12.7
80	10.1		9.2	13.8

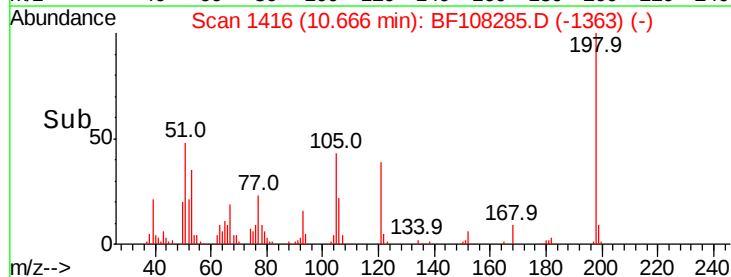
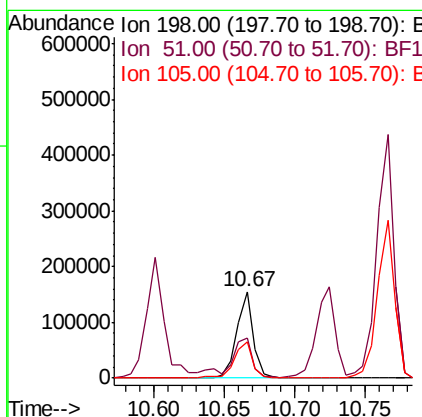
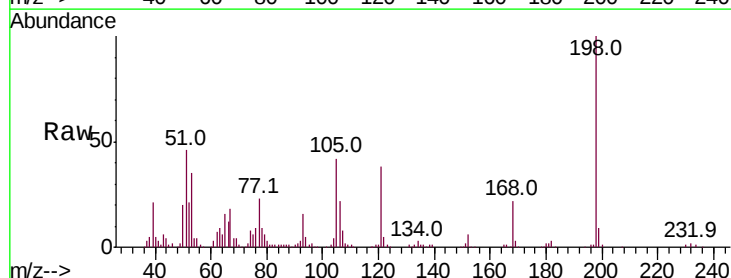
Manual Integrations
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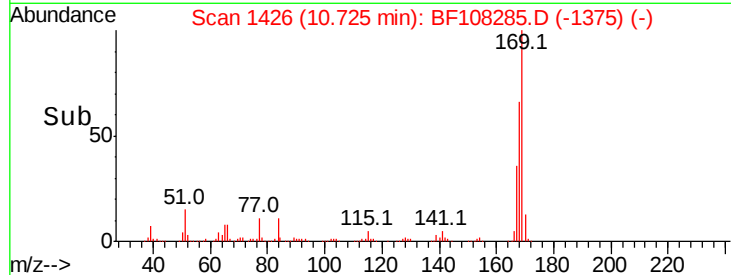
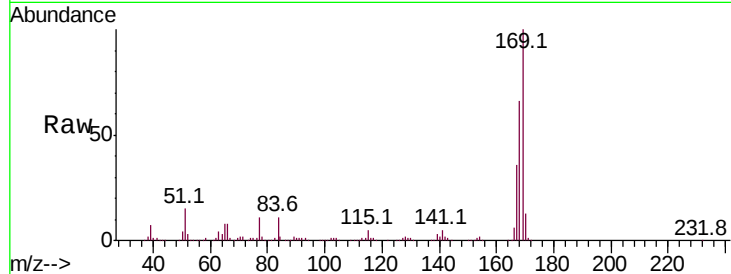
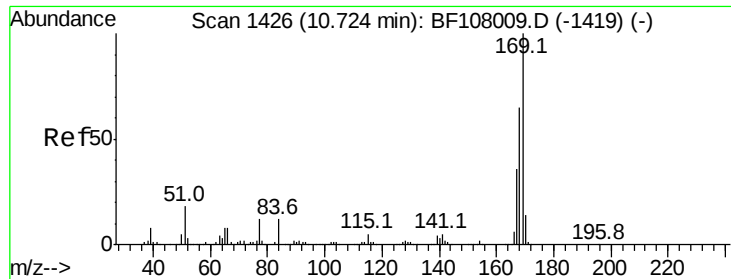
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.541 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	125307		
51	46.5		37.7	77.7
105	41.6		36.3	76.3





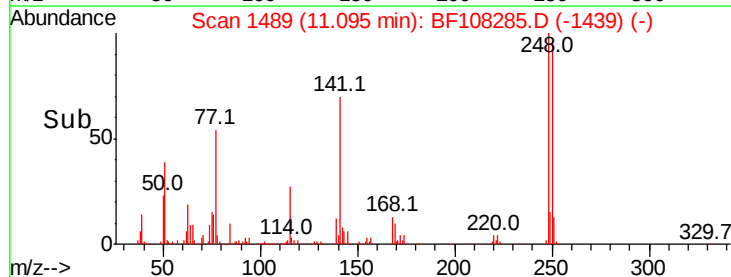
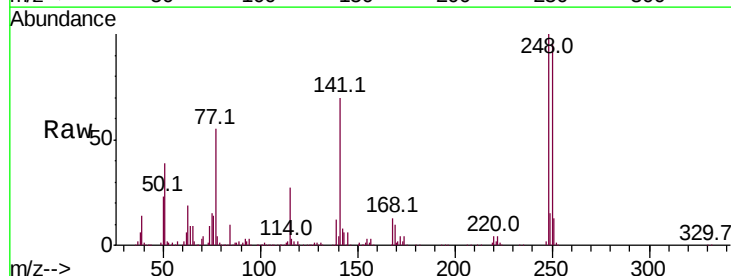
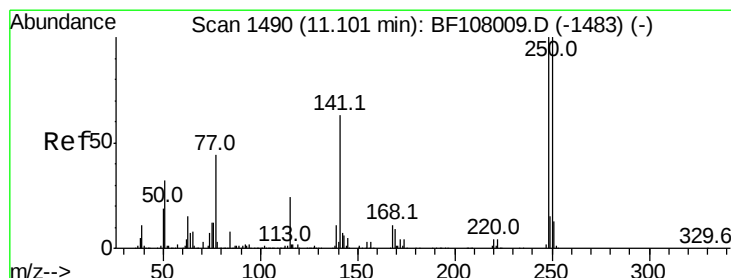
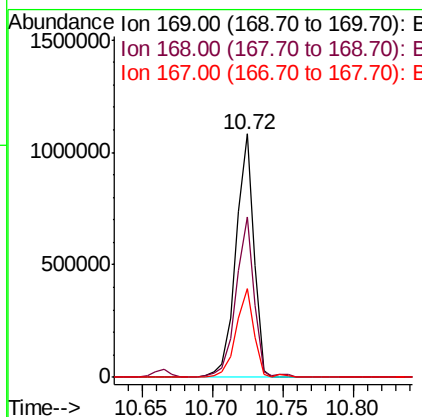
#65
n-Nitrosodiphenylamine
Concen: 47.248 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampled :
PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.7	54.4	81.6	
167	36.4	29.8	44.6	

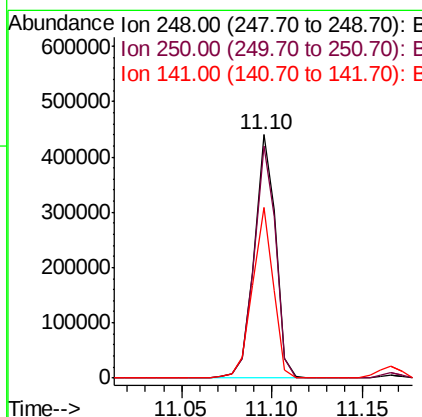
Manual Integrations
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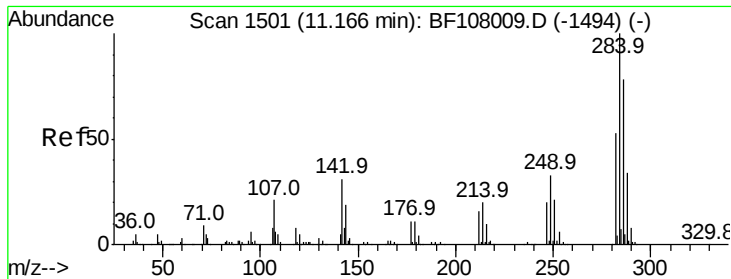
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#66
4-Bromophenyl-phenylether
Concen: 48.415 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.4	76.9	115.3	
141	70.1	74.4	111.6	





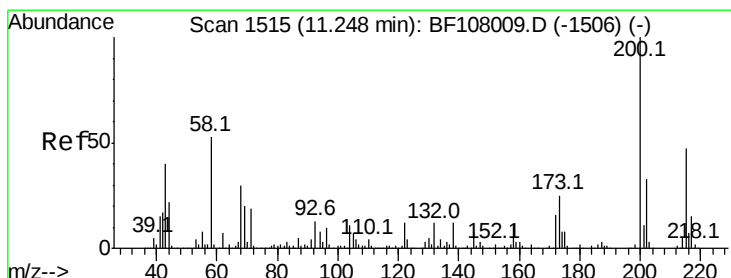
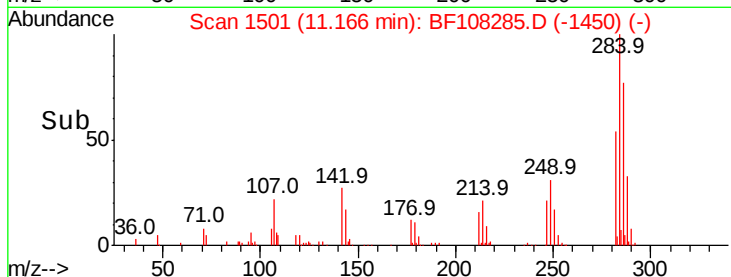
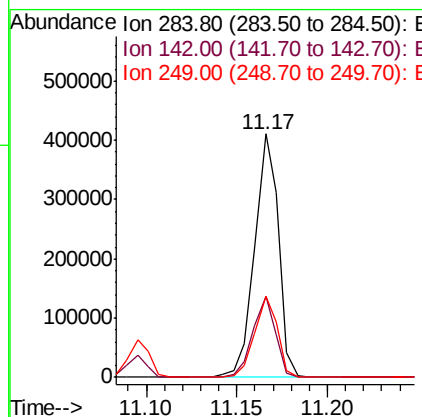
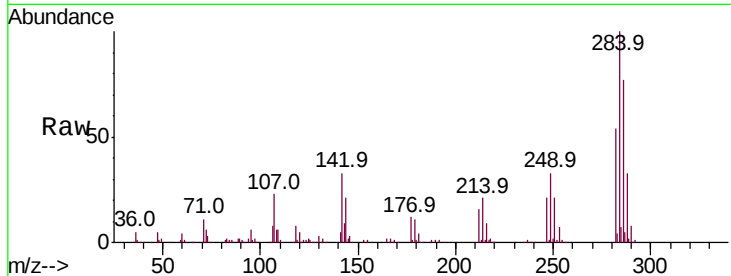
#67
Hexachlorobenzene
Concen: 47.469 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampled :
PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.4	34.6	52.0	
249	33.1	24.8	37.2	

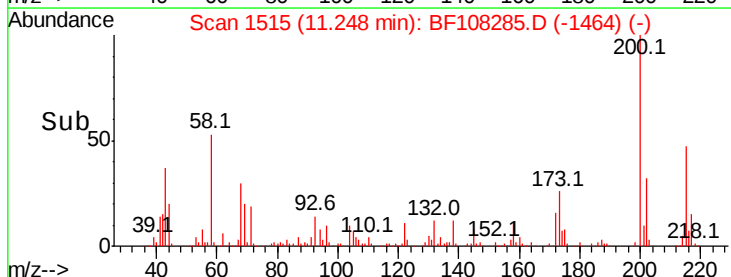
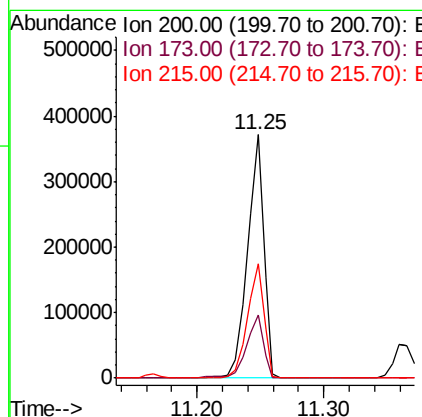
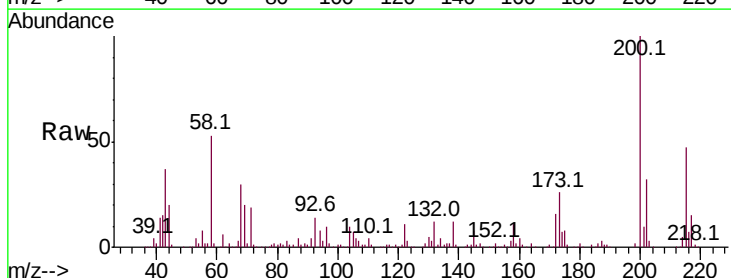
Manual Integrations
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#68
Atrazine
Concen: 48.345 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.9	8.6	48.6	
215	46.9	25.1	65.1	





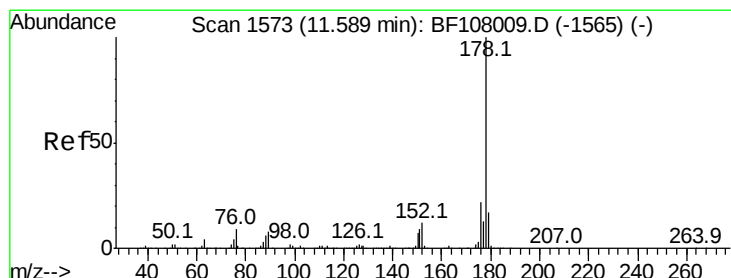
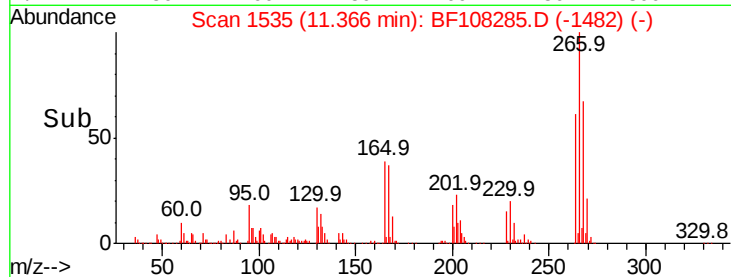
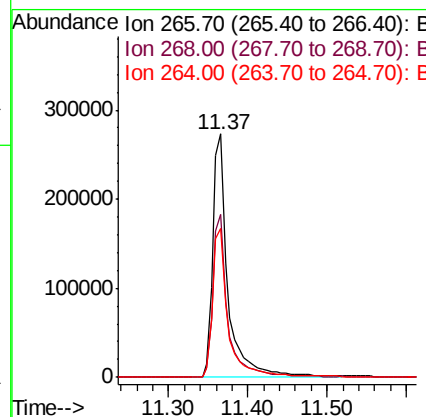
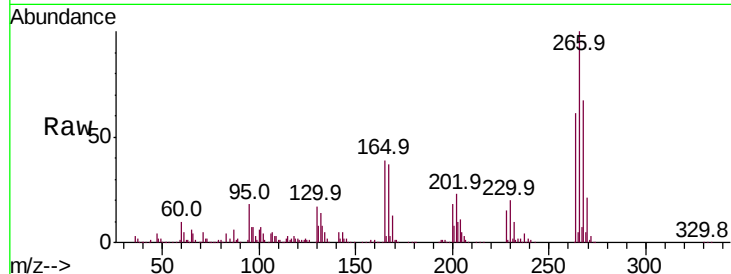
#69
 Pentachlorophenol
 Concen: 97.536 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.2	51.1	76.7	
264	61.2	49.5	74.3	

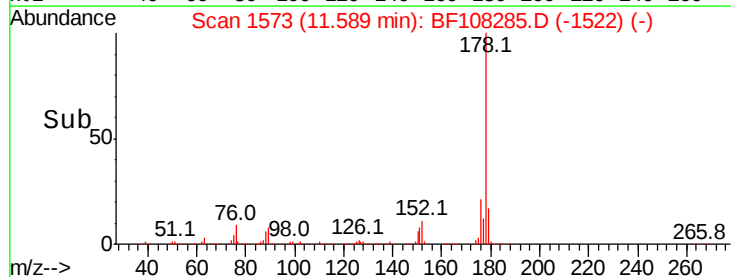
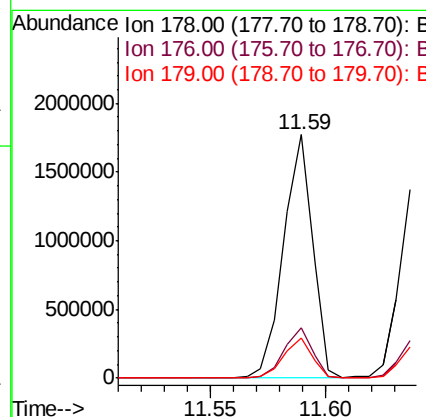
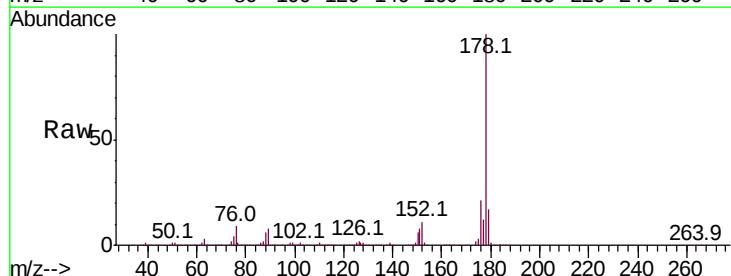
Manual Integrations
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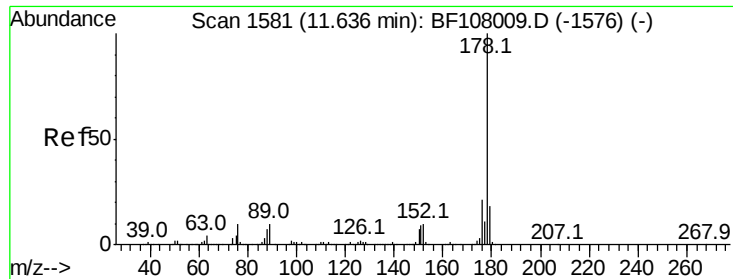
Sohil
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#70
 Phenanthrene
 Concen: 47.831 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.7	15.8	23.8	
179	16.6	13.0	19.6	





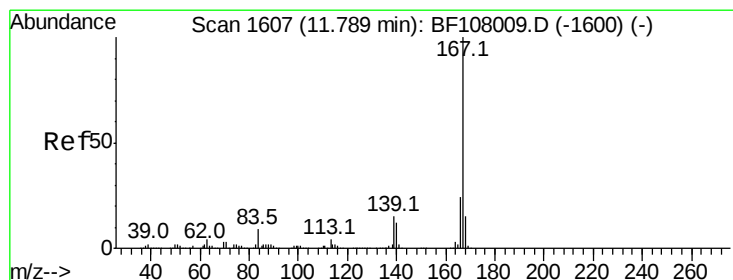
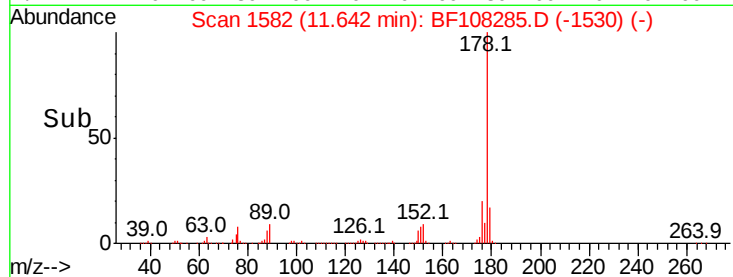
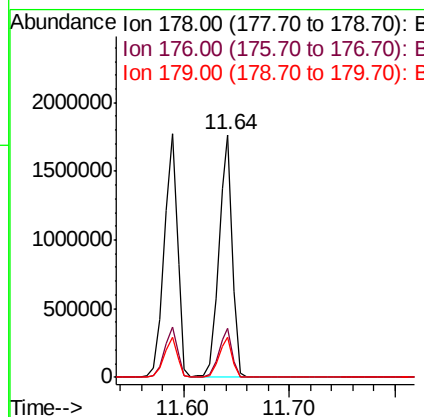
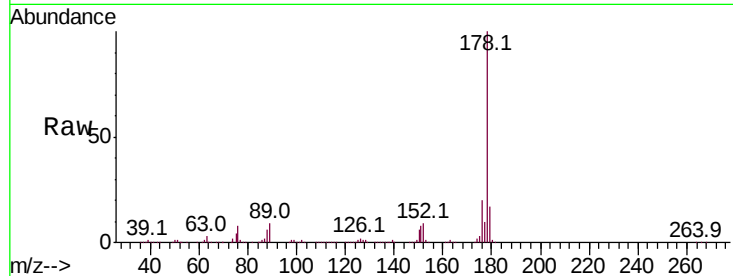
#71
 Anthracene
 Concen: 47.982 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.8	12.6	19.0

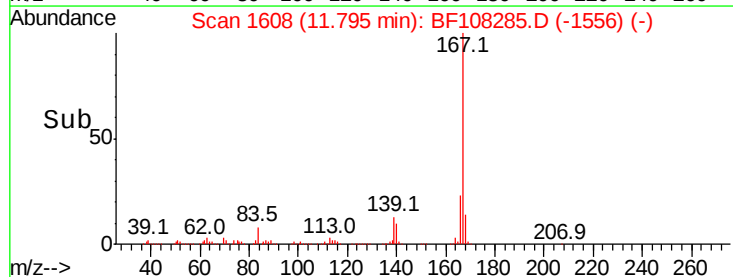
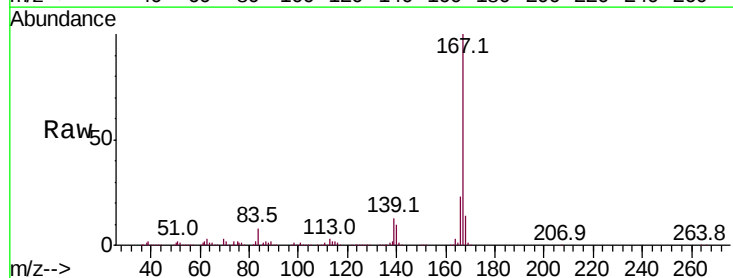
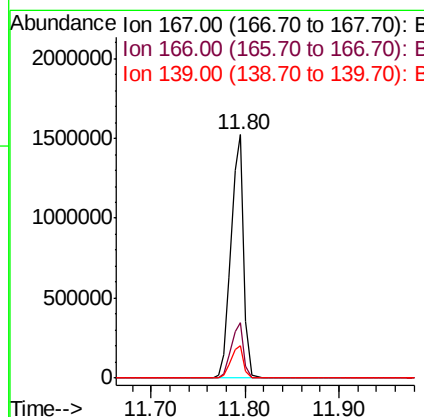
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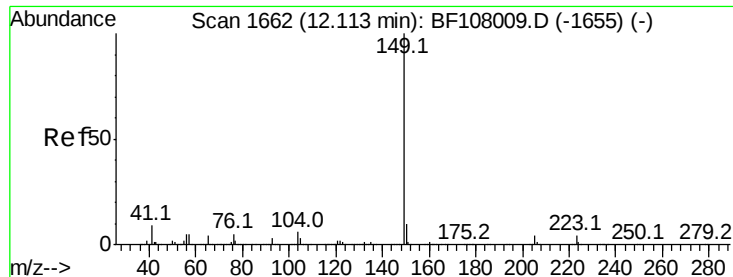
Sohil
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#72
 Carbazole
 Concen: 48.323 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 50.254 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampled :

PB112152BS

Tot Ion:149 Resp: 1678696

Ion Ratio Lower Upper

149 100

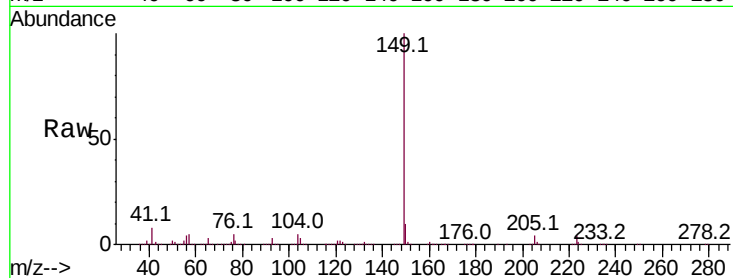
150 9.8 7.8 11.6

104 5.4 3.8 5.8

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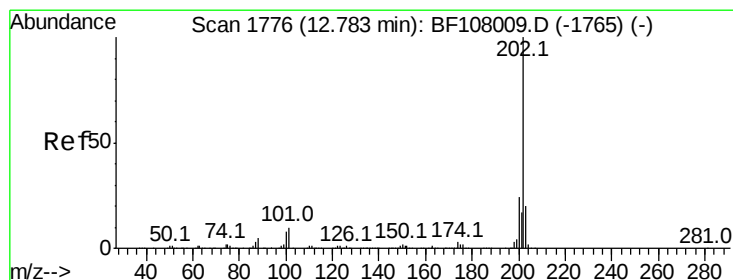
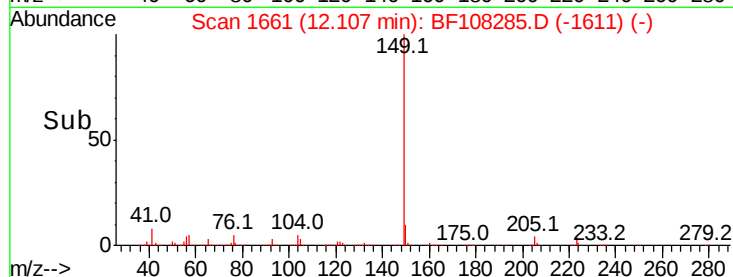
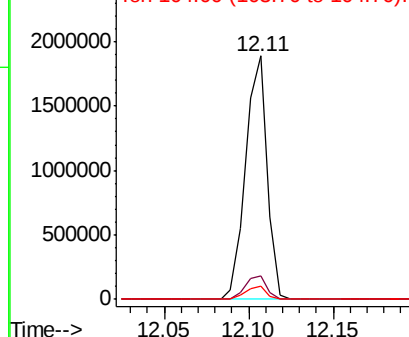


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.510 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

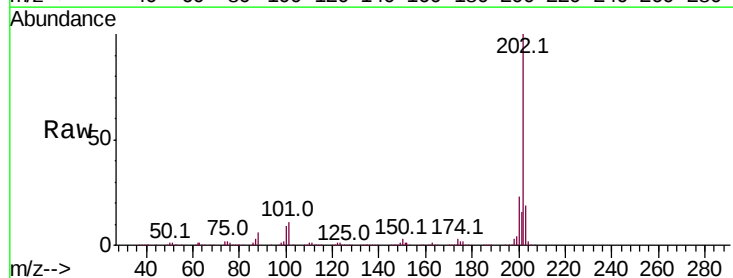
Tgt Ion:202 Resp: 1714591

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

203 19.4 0.0 38.1

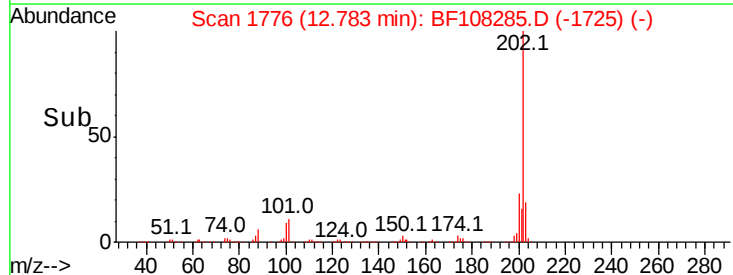
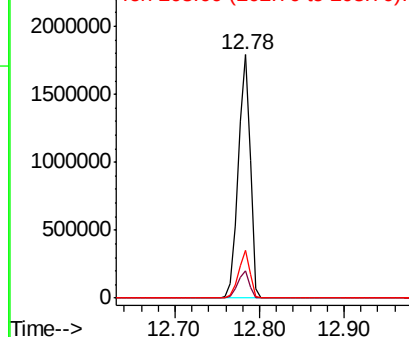


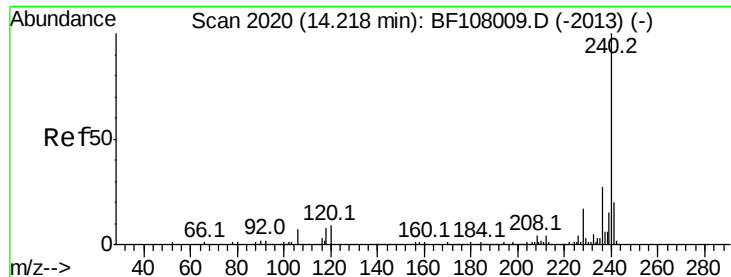
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

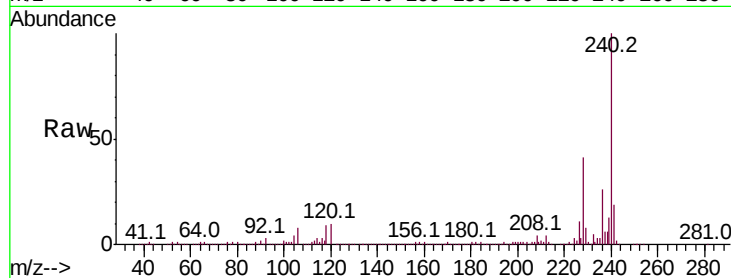
ClientSampleId :

PB112152BS

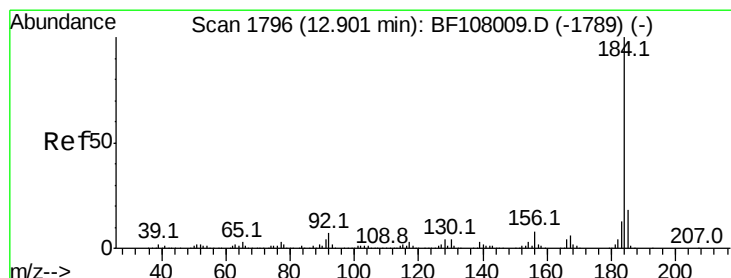
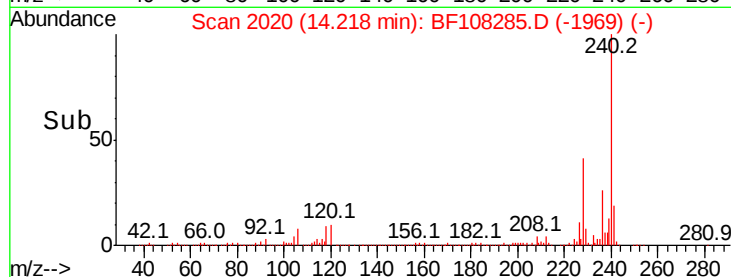
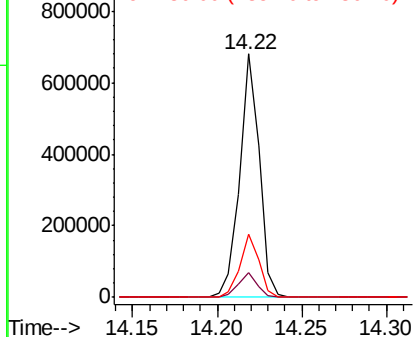
Tot Ion:	240	Resp:	545887
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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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: 35.307 ng

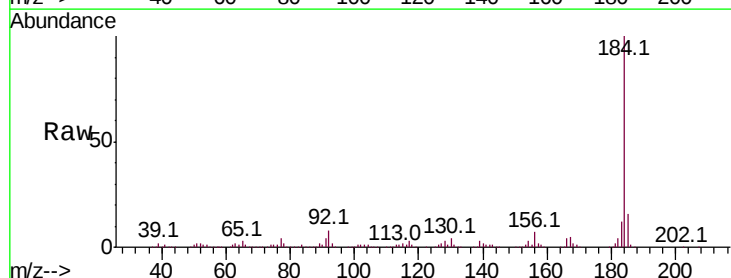
RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

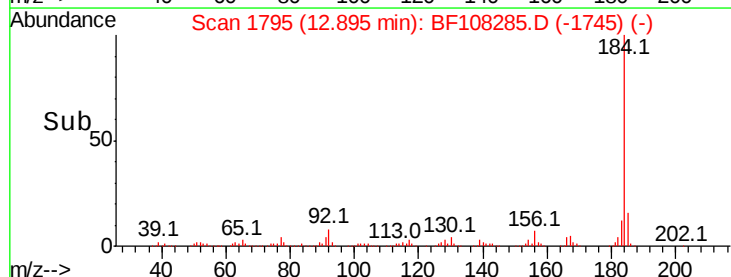
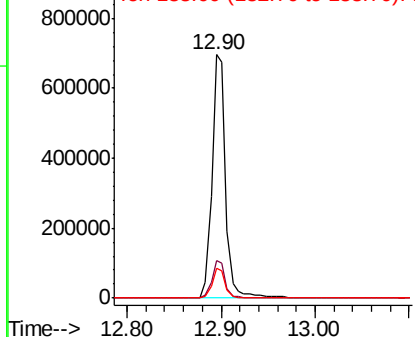
Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion:	184	Resp:	720102
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.1	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





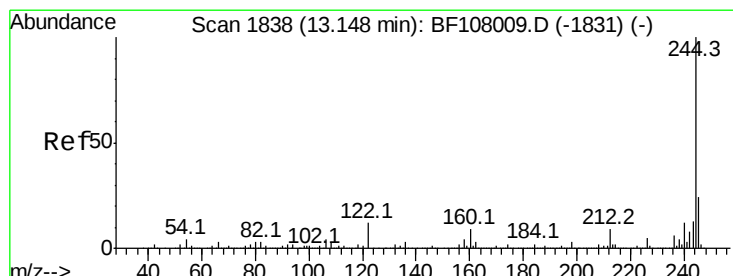
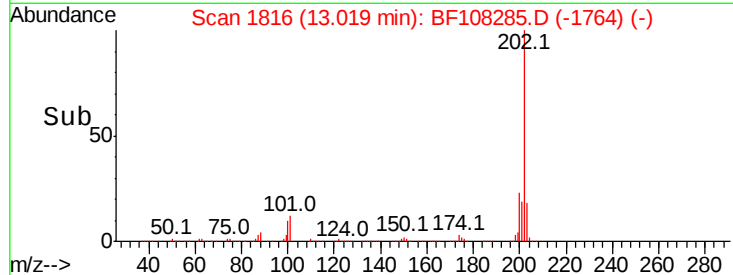
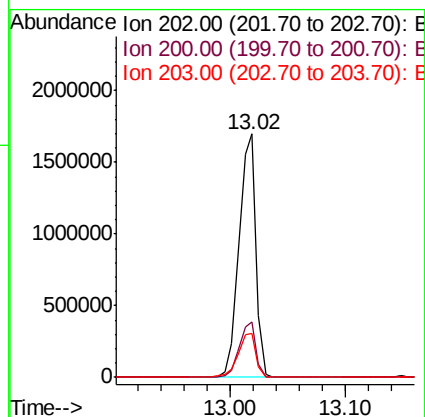
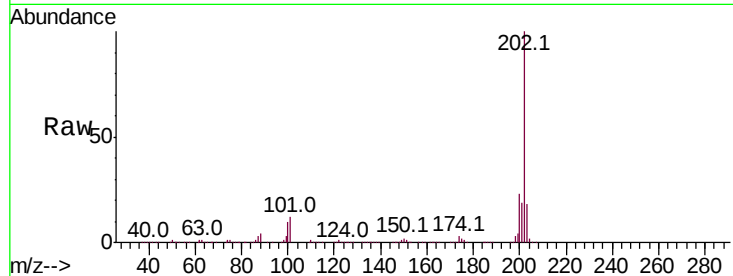
#77
Pvrene
Concen: 49.462 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.1	14.3	21.5

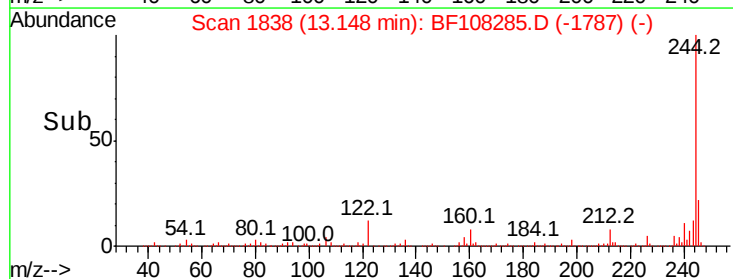
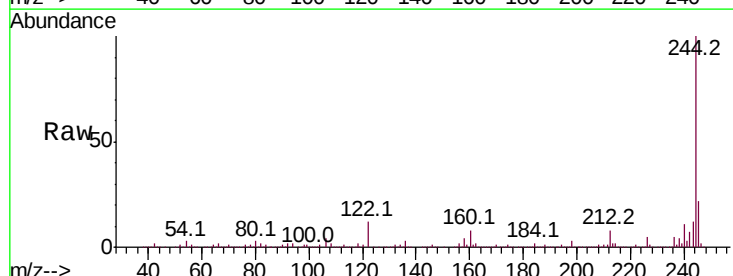
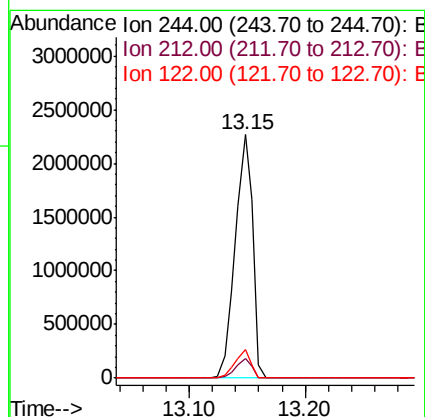
Manual Integrations
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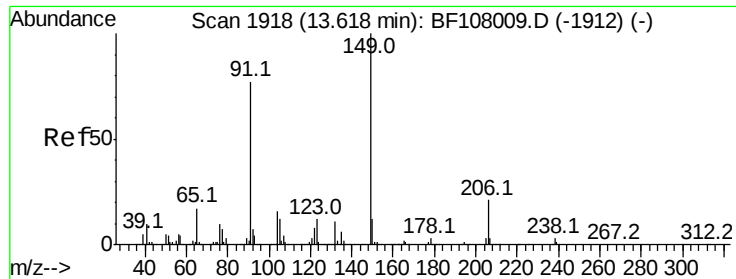
Sohil
8/21/2018 6:33:30 PM



#78
Terphenyl-d14
Concen: 110.151 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	11.6	11.0	16.4





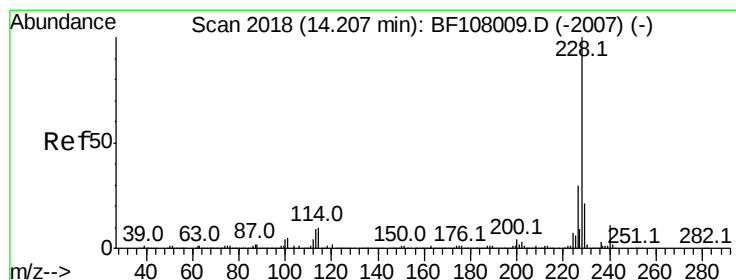
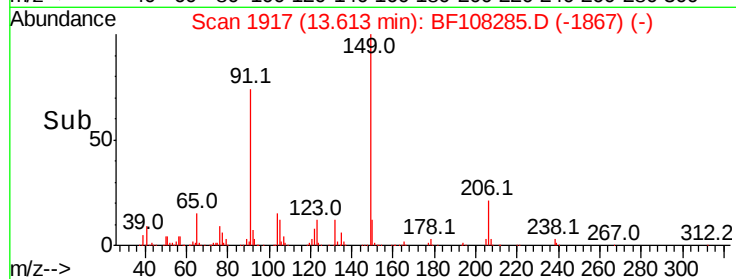
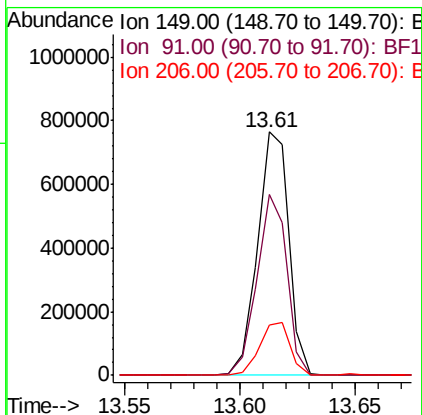
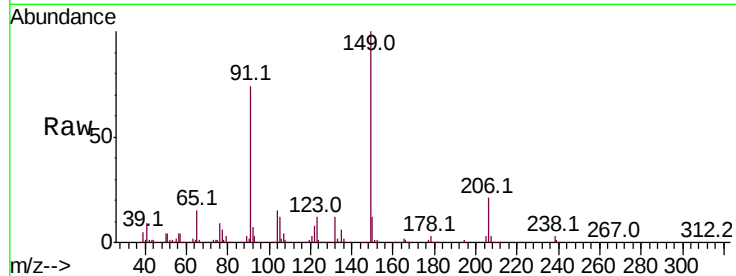
#79
Butylbenzylphthalate
Concen: 52.551 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	56.8	85.2
206	20.6	14.1	21.1

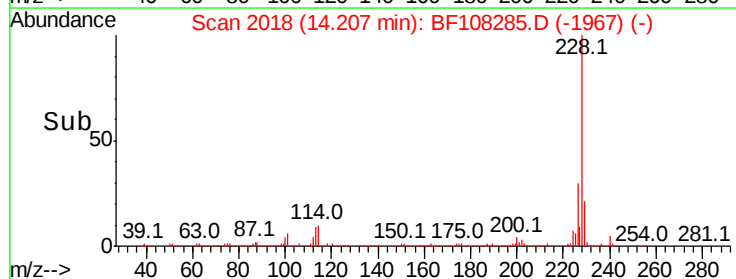
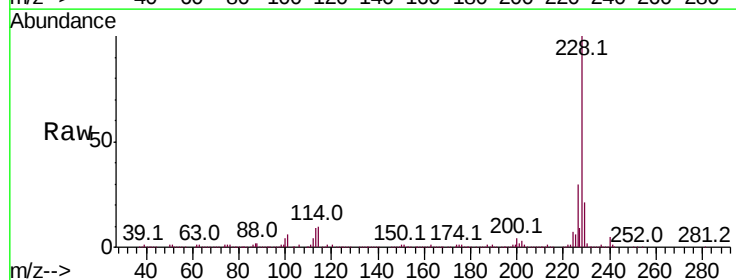
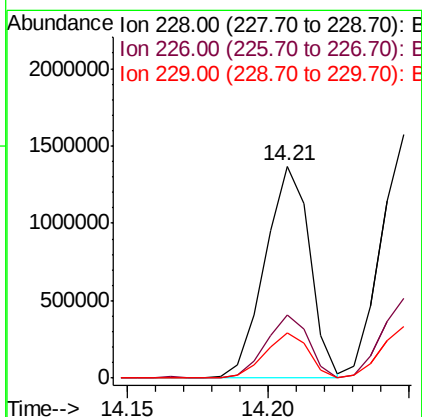
Manual Integrations
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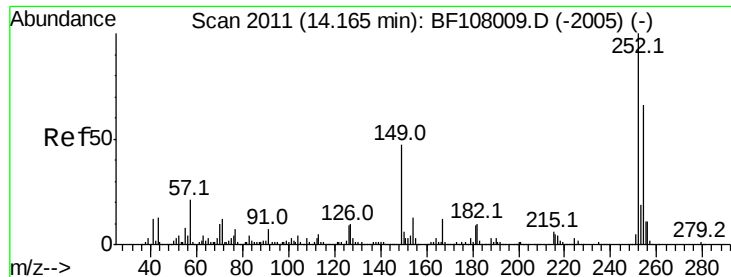
Sohil
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#80
Benzo(a)anthracene
Concen: 47.894 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.1	15.8	23.6





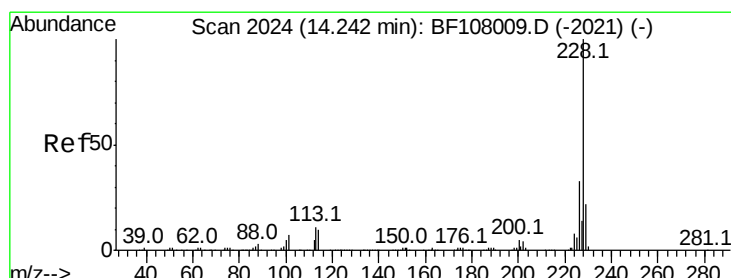
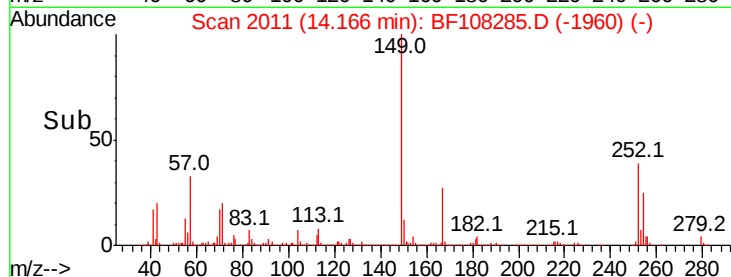
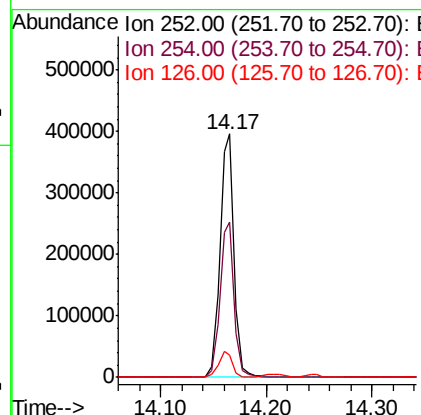
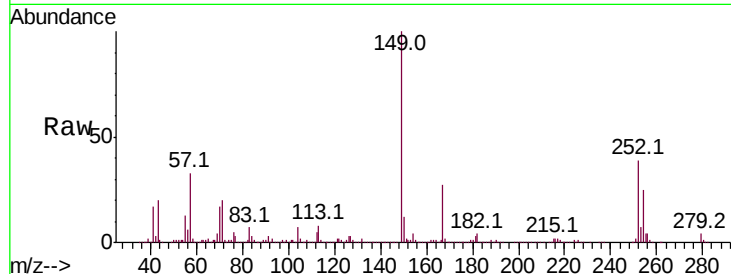
#81
 3,3'-Dichlorobenzidine
 Concen: 33.503 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	376152		
254	63.7	50.4	75.6	
126	8.9	11.3	16.9	

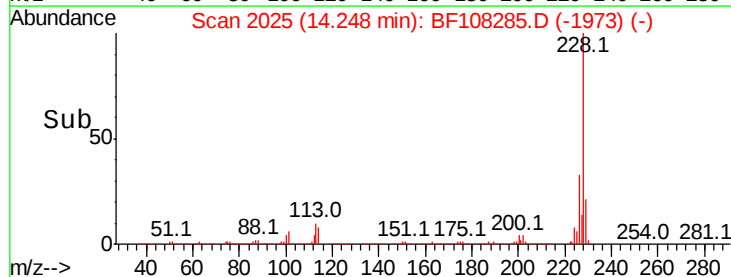
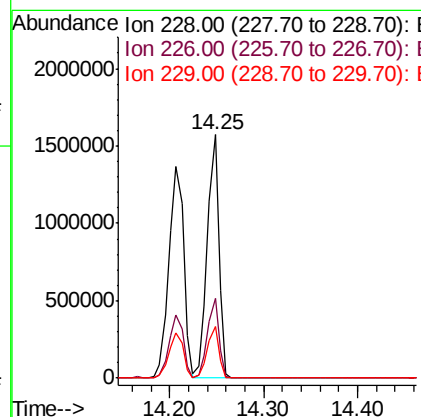
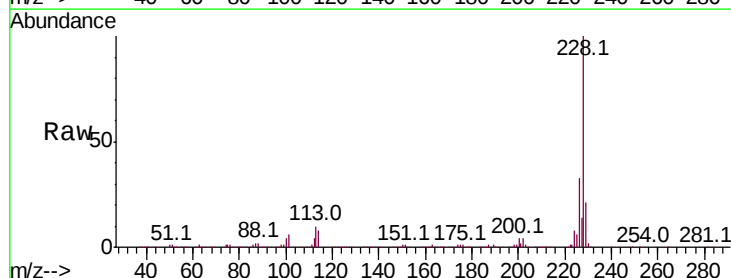
Manual Integrations
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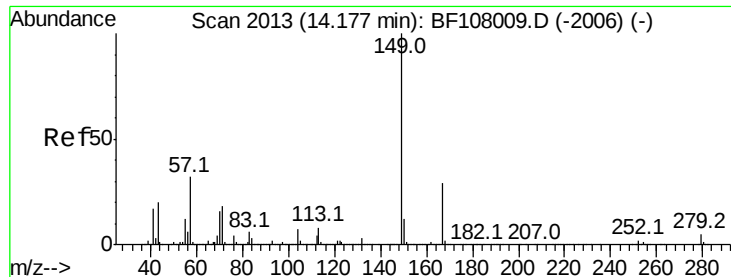
Sohil
 8/21/2018 6:33:30 PM



#82
 Chrysene
 Concen: 47.517 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1364763		
226	32.9	25.0	37.6	
229	21.3	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.712 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

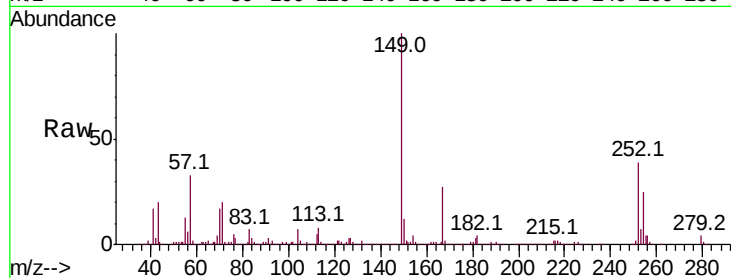
ClientSampleId :

PB112152BS

Tot Ion:	149	Resp:	923837
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
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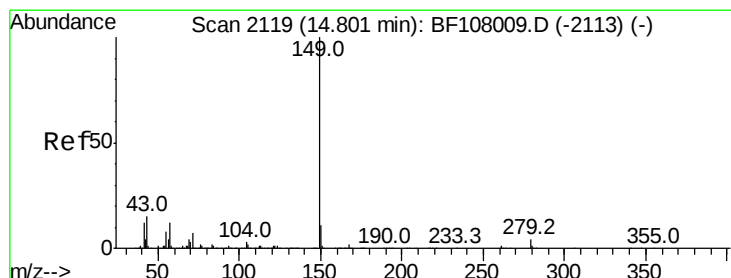
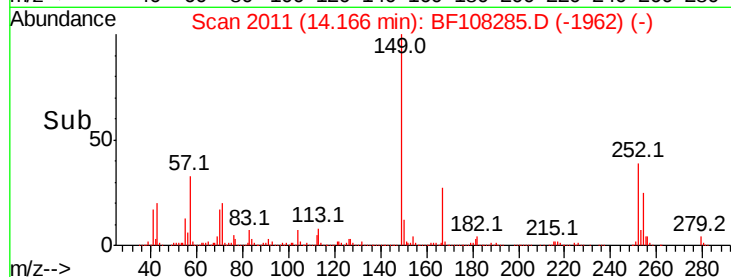
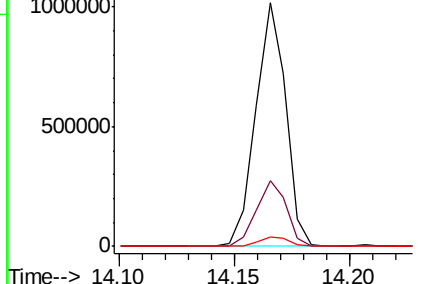
Sohil
8/21/2018 6:33:30 PM



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: 51.286 ng

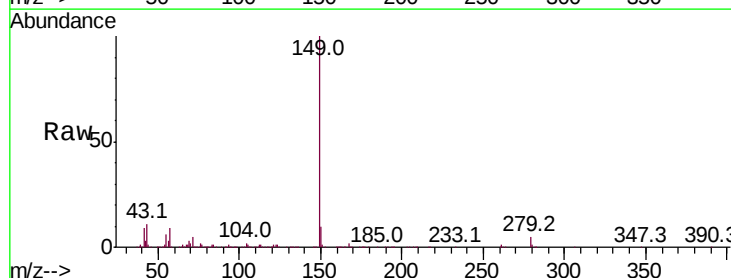
RT: 14.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

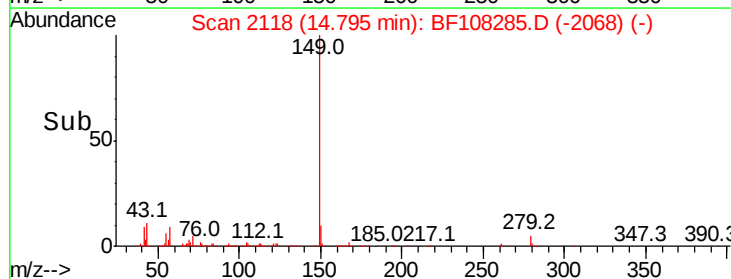
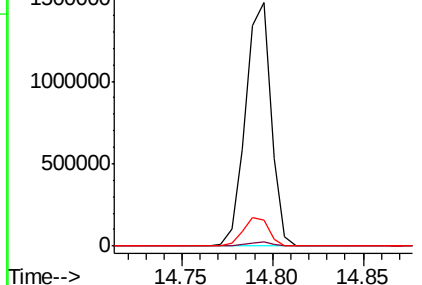
Tgt Ion:	149	Resp:	1453570
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6

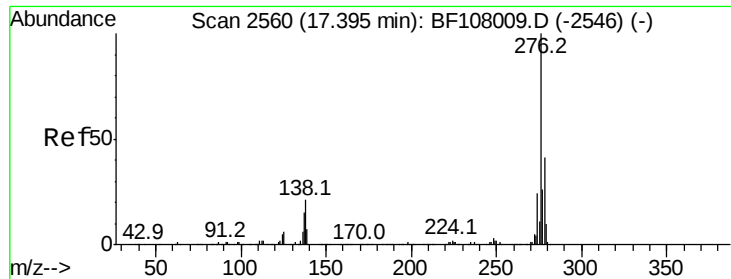


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





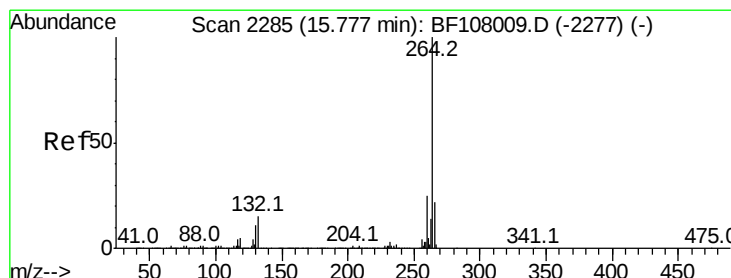
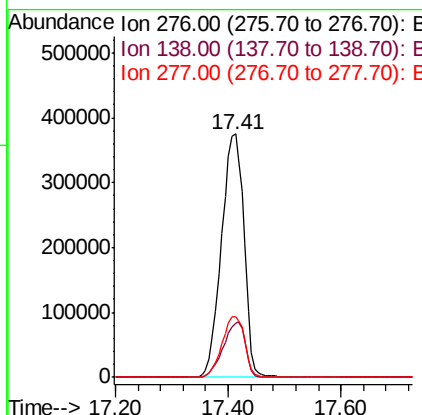
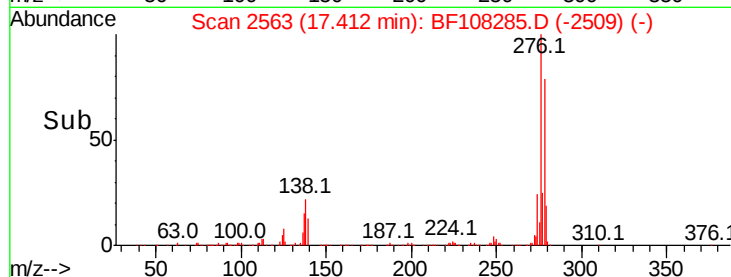
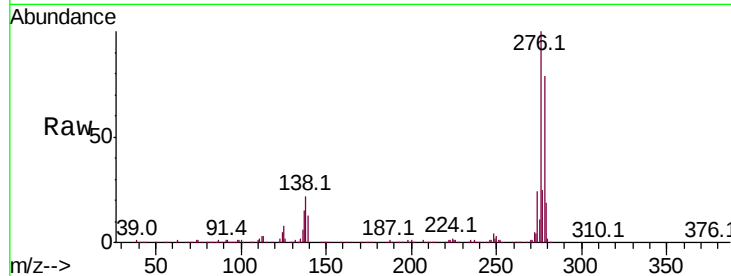
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.026 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:276 Resp: 1045850
 Ion Ratio Lower Upper
 276 100
 138 22.2 25.0 37.6#
 277 25.2 20.1 30.1

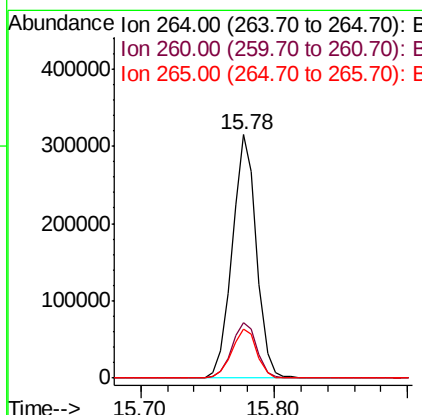
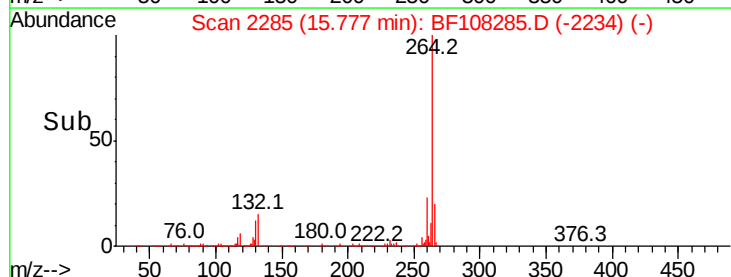
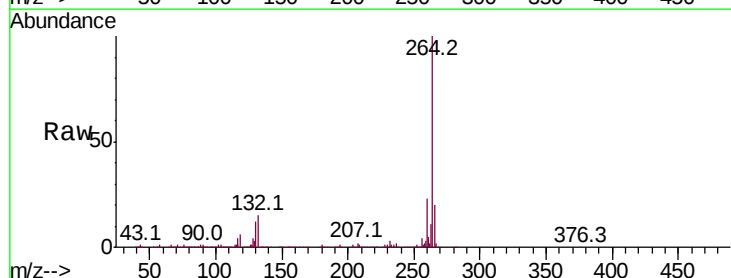
Manual Integrations
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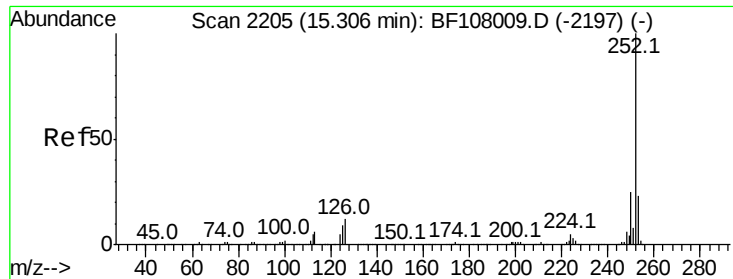
Sohil
 8/21/2018 6:33:30 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion:264 Resp: 397434
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.1 17.5 26.3





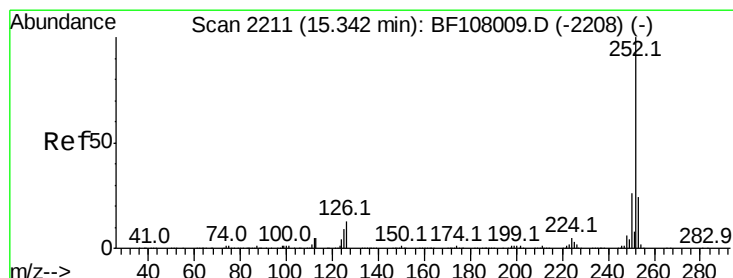
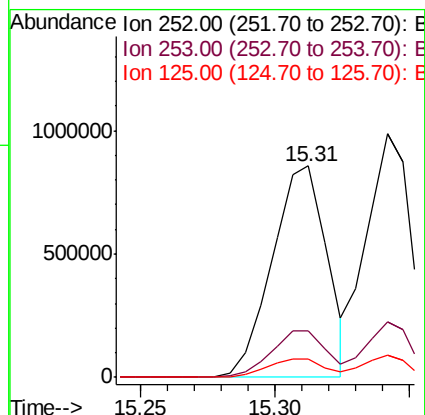
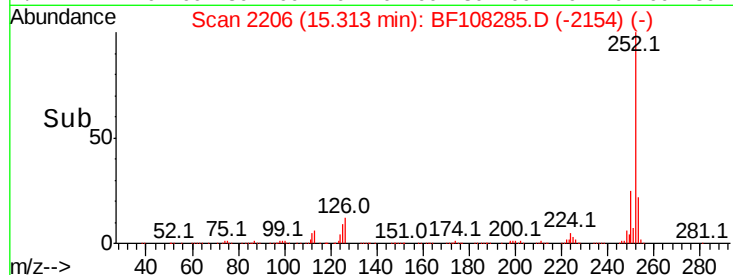
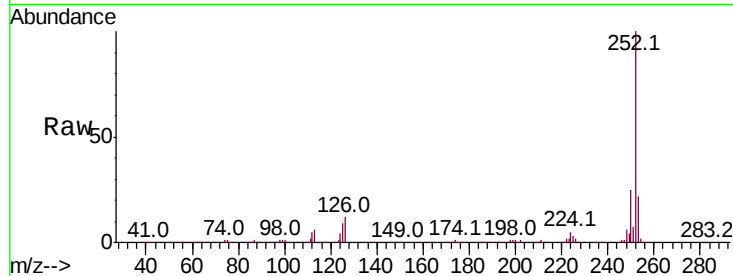
#87
Benzo(b)fluoranthene
Concen: 51.241 ng m
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	8.8	9.0	13.6#

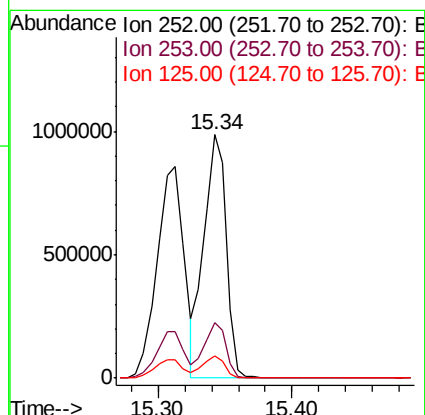
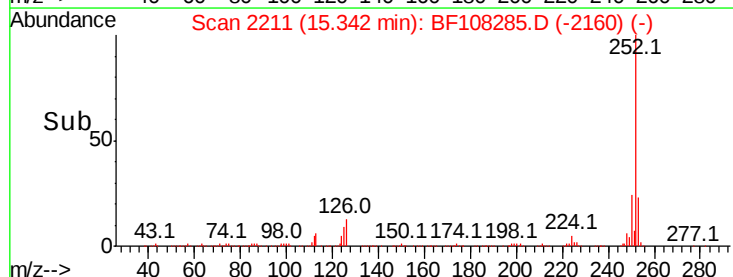
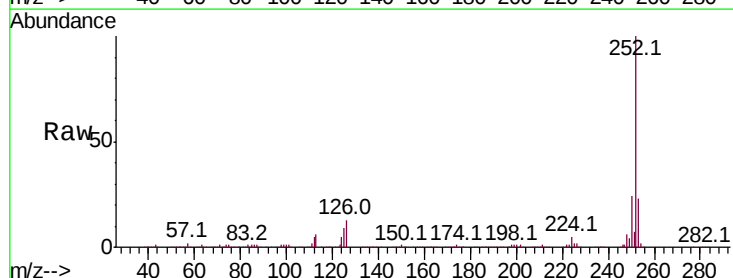
Manual Integrations
APPROVED

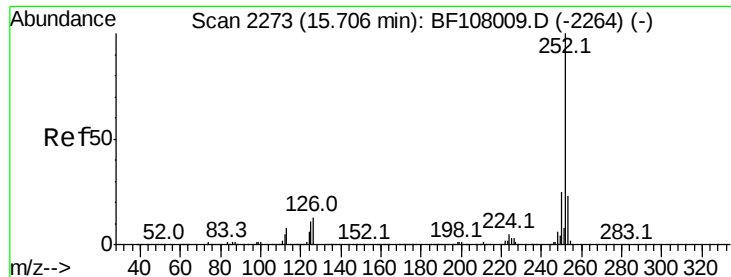
Sohil
8/21/2018 6:33:30 PM



#88
Benzo(k)fluoranthene
Concen: 52.433 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.2	10.2	15.2#





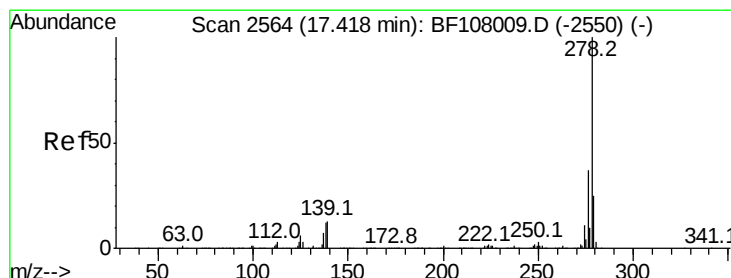
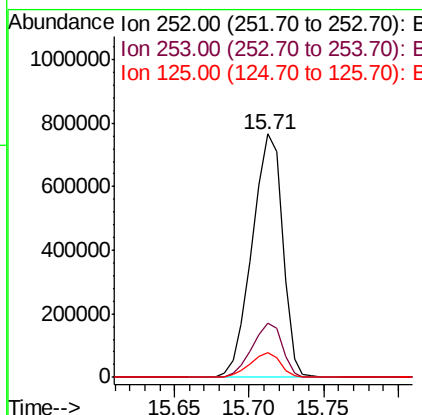
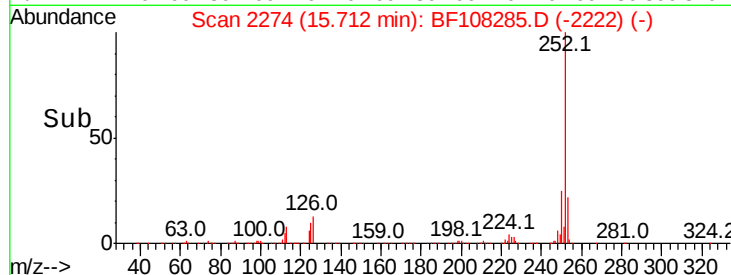
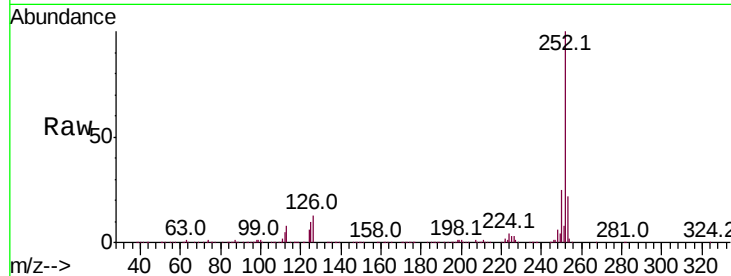
#89
Benzo(a)pyrene
Concen: 50.867 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampled :
PB112152BS

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

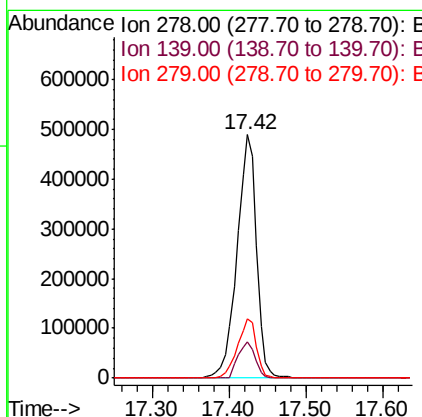
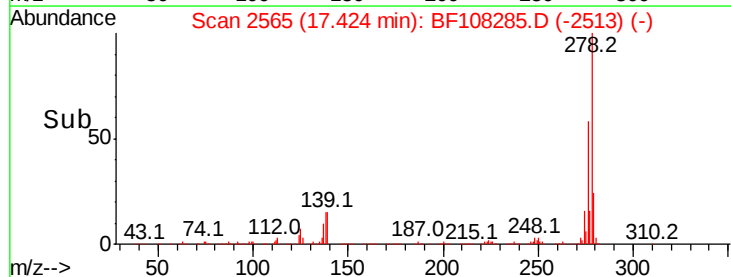
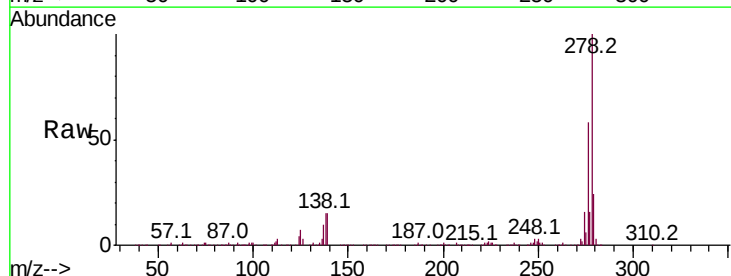
Manual Integrations
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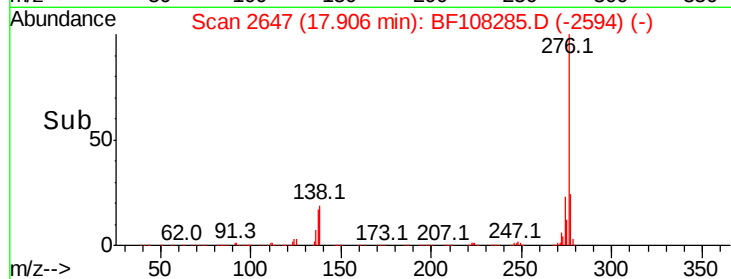
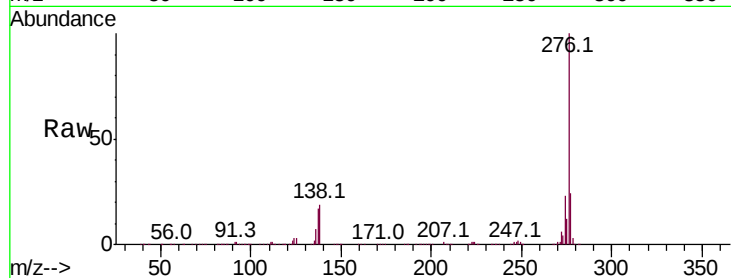
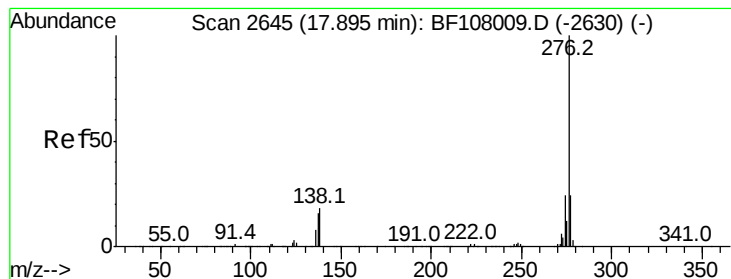
Sohil
8/21/2018 6:33:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.217 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	15.9	23.9#
279	24.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 50.009 ng

RT: 17.91 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	18.9	21.8	32.8

Manual Integrations
APPROVED

Sohil
8/21/2018 6:33:30 PM

