

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108642.D
 Acq On : 30 Aug 2018 16:02
 Operator : JU/SJ
 Sample : PB112486BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Manual Integrations
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Sohil
 8/31/2018 12:18:11 PM

Quant Time: Aug 30 16:28:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	128940	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	541816	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	270178	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	539070	20.00	ng	0.00
75) Chrysene-d12	14.20	240	394673	20.00	ng	0.00
86) Perylene-d12	15.75	264	264688	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	749651	101.00	ng	0.00
7) Phenol-d6	6.65	99	1037439	97.59	ng	0.00
23) Nitrobenzene-d5	7.57	82	685800	64.25	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	328646	92.14	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1390853	69.22	ng	0.00
78) Terphenyl-d14	13.12	244	1458412	71.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	113119	32.794	ng	92
3) Pyridine	3.78	79	243589	30.564	ng	86
4) n-Nitrosodimethylamine	3.75	42	139091	34.987	ng	88
6) Aniline	6.69	93	358400	31.244	ng	# 79
8) 2-Chlorophenol	6.80	128	359197	39.580	ng	92
9) Benzaldehyde	6.57	77	217543	33.109	ng	99
10) Phenol	6.66	94	477976	38.557	ng	84
11) bis(2-Chloroethyl)ether	6.74	93	381573	34.956	ng	96
12) 1,3-Dichlorobenzene	6.94	146	390052	37.069	ng	98
13) 1,4-Dichlorobenzene	7.02	146	426704	37.150	ng	97
14) 1,2-Dichlorobenzene	7.17	146	393322	37.286	ng	97
15) Benzyl Alcohol	7.15	79	282241	36.909	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.27	45	622880	37.196	ng	58
17) 2-Methylphenol	7.26	107	296318	41.996	ng	# 75
18) Hexachloroethane	7.50	117	146588	37.110	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	267080	37.516	ng	92
20) 3+4-Methylphenols	7.41	107	377270	42.675	ng	# 40
22) Acetophenone	7.41	105	539007	39.850	ng	# 87
24) Nitrobenzene	7.59	77	392084	36.225	ng	95
25) Isophorone	7.82	82	742135	41.853	ng	97
26) 2-Nitrophenol	7.90	139	186042	37.970	ng	92
27) 2,4-Dimethylphenol	7.94	122	306088	42.954	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	431983	38.565	ng	99
29) 2,4-Dichlorophenol	8.15	162	329609	38.989	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	349930	37.015	ng	98
31) Naphthalene	8.31	128	1086844	42.114	ng	100
32) Benzoic acid	8.09	122	145488	31.837	ng	90
33) 4-Chloroaniline	8.37	127	260009	22.823	ng	99
34) Hexachlorobutadiene	8.41	225	226145	36.433	ng	99
35) Caprolactam	8.74	113	98519m	43.734	ng	
36) 4-Chloro-3-methylphenol	8.85	107	337931	37.244	ng	98
37) 2-Methylnaphthalene	9.00	142	723605	41.442	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	378652	39.477	ng	98
40) Hexachlorocyclopentadiene	9.14	237	352829	86.947	ng	97

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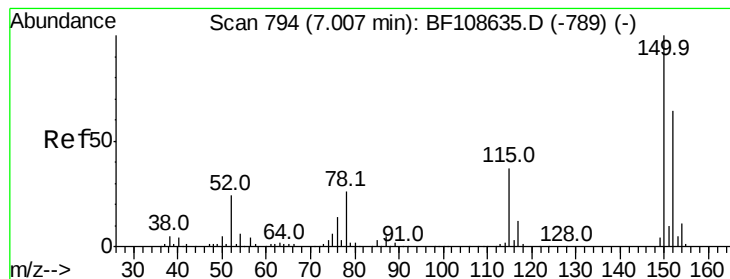
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	228217	40.179	nq	100
43) 2,4,5-Trichlorophenol	9.33	196	256203	38.680	nq #	95
45) 1,1'-Biphenyl	9.46	154	900172	38.271	nq	98
46) 2-Chloronaphthalene	9.49	162	695288	37.759	nq	99
47) 2-Nitroaniline	9.60	65	232686	37.782	nq	88
48) Acenaphthylene	9.91	152	1080003	40.062	nq	100
49) Dimethylphthalate	9.76	163	814076	38.264	nq	100
50) 2,6-Dinitrotoluene	9.83	165	178193	37.997	nq #	82
51) Acenaphthene	10.08	154	613230	38.045	nq	100
52) 3-Nitroaniline	10.02	138	136718	26.949	nq	93
53) 2,4-Dinitrophenol	10.12	184	131807	82.657	nq #	28
54) Dibenzofuran	10.25	168	940346	37.283	nq	94
55) 4-Nitrophenol	10.20	139	201704	63.373	nq #	75
56) 2,4-Dinitrotoluene	10.24	165	228479	36.796	nq #	89
57) Fluorene	10.60	166	720270	36.850	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	213673	36.010	nq #	86
59) Diethylphthalate	10.46	149	770083	35.927	nq	96
60) 4-Chlorophenyl-phenylether	10.58	204	368230	33.199	nq	95
61) 4-Nitroaniline	10.65	138	159305	32.450	nq	86
62) Azobenzene	10.75	77	754946	35.435	nq	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	85326	35.672	nq	89
65) n-Nitrosodiphenylamine	10.71	169	646923	36.121	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	245913	37.117	nq #	87
67) Hexachlorobenzene	11.15	284	262285	36.746	nq #	86
68) Atrazine	11.23	200	227111	46.439	nq	97
69) Pentachlorophenol	11.35	266	259733	68.480	nq	97
70) Phenanthrene	11.57	178	1097628	40.340	nq	99
71) Anthracene	11.62	178	1165641	40.771	nq	100
72) Carbazole	11.78	167	1009173	36.505	nq	100
73) Di-n-butylphthalate	12.08	149	1201585	37.779	nq	99
74) Fluoranthene	12.77	202	1183240	38.633	nq	95
76) Benzidine	12.89	184	544437	49.006	nq	98
77) Pyrene	13.00	202	1174487	39.587	nq	99
79) Butylbenzylphthalate	13.59	149	457006	36.632	nq	95
80) Benzo(a)anthracene	14.19	228	960874	39.936	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	209318	23.989	nq #	97
82) Chrysene	14.22	228	794757	34.348	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	652092	40.666	nq	100
84) Di-n-octyl phthalate	14.76	149	954545	40.487	nq #	75
85) Indeno(1,2,3-cd)pyrene	17.38	276	705802	43.870	nq #	89
87) Benzo(b)fluoranthene	15.29	252	677062	41.641	nq #	96
88) Benzo(k)fluoranthene	15.32	252	703743	43.692	nq #	95
89) Benzo(a)pyrene	15.69	252	639556	43.526	nq #	97
90) Dibenzo(a,h)anthracene	17.39	278	589218	50.208	nq #	93
91) Benzo(g,h,i)perylene	17.88	276	600792	52.673	nq #	88

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



#1

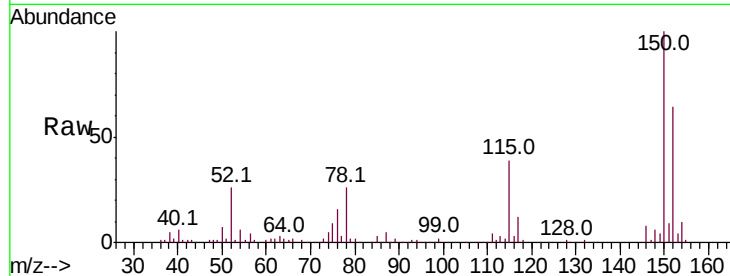
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.0	50.1	75.1

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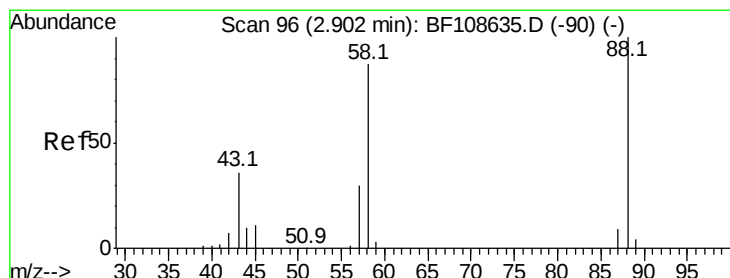
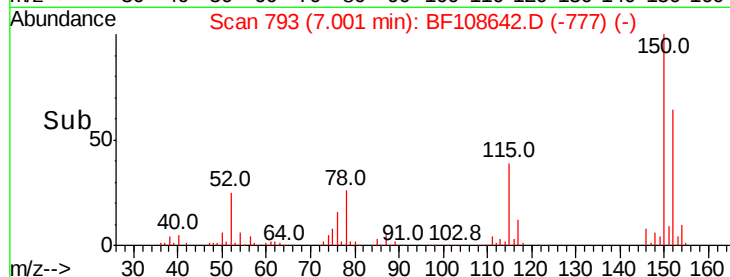
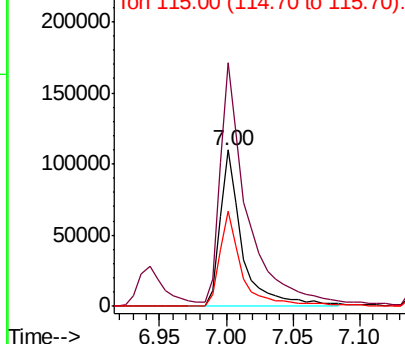


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

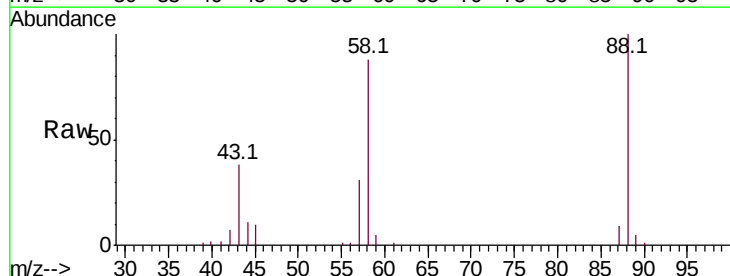
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.794 ng
RT: 3.02 min Scan# 116
Delta R.T. 0.12 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	62.6	93.8
43	31.1	24.6	37.0

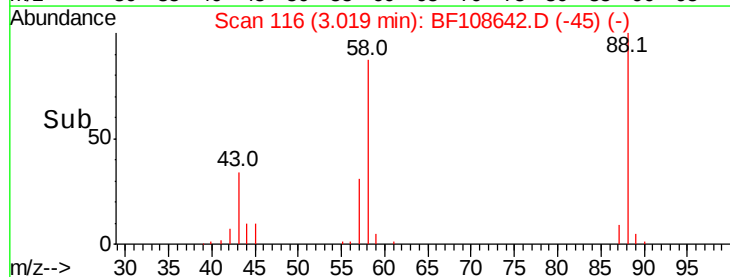
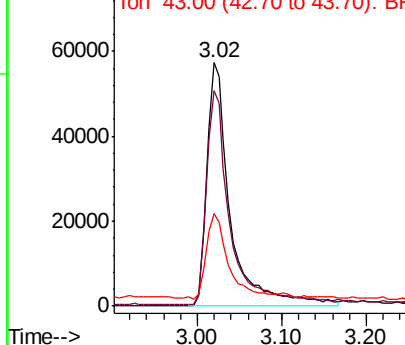


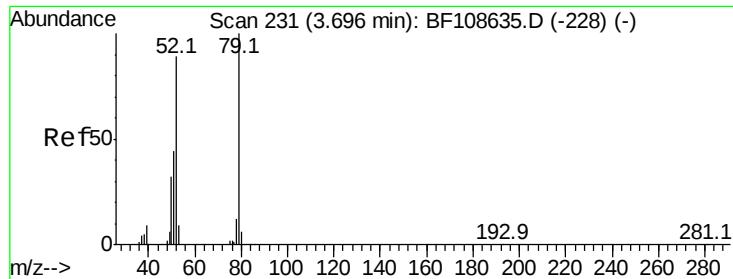
Abundance

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





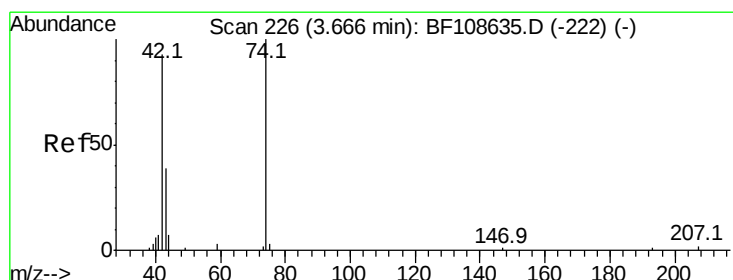
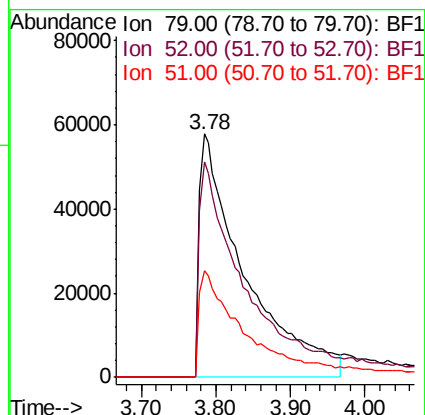
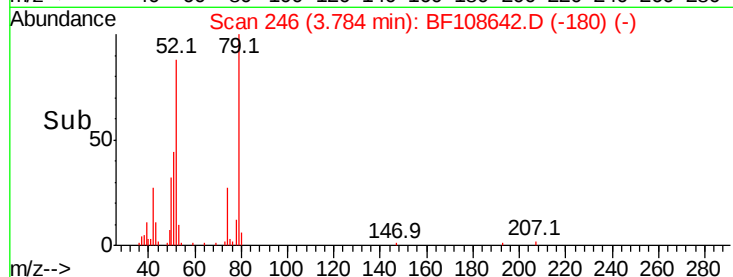
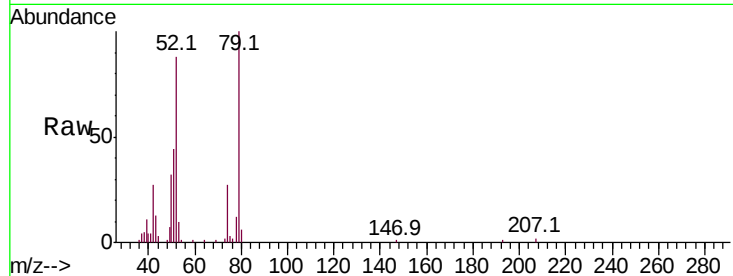
#3
 Pvridine
 Concen: 30.564 ng
 RT: 3.78 min Scan# 246
 Delta R.T. 0.09 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.4	59.8	89.6
51	43.6	29.8	44.8

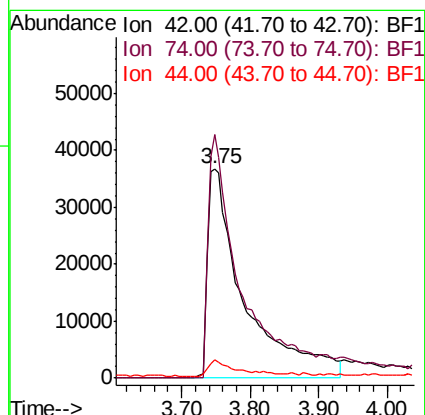
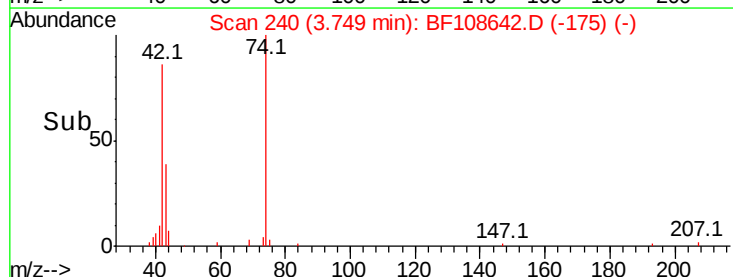
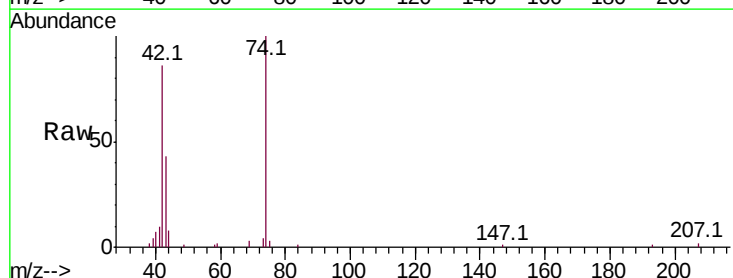
Manual Integrations
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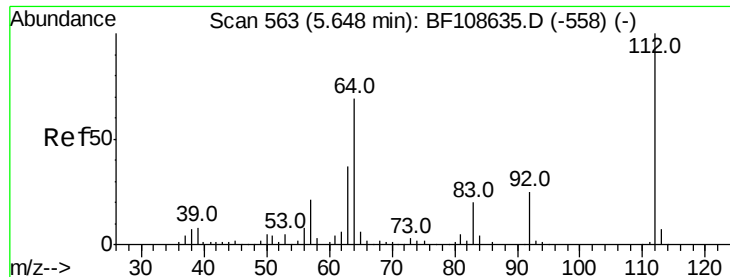
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#4
 n-Nitrosodimethylamine
 Concen: 34.987 ng
 RT: 3.75 min Scan# 240
 Delta R.T. 0.08 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.2	104.9	157.3
44	9.0	6.9	10.3





#5

2-Fluorophenol

Concen: 101.000 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

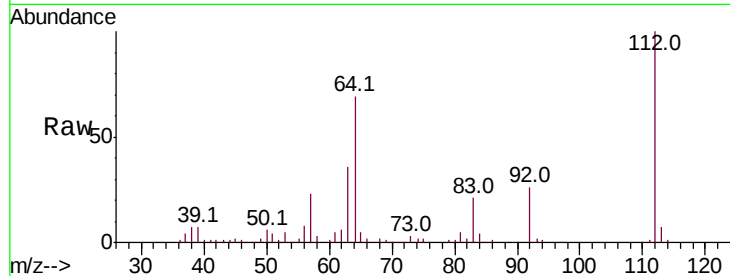
ClientSampleId :

PB112486BS

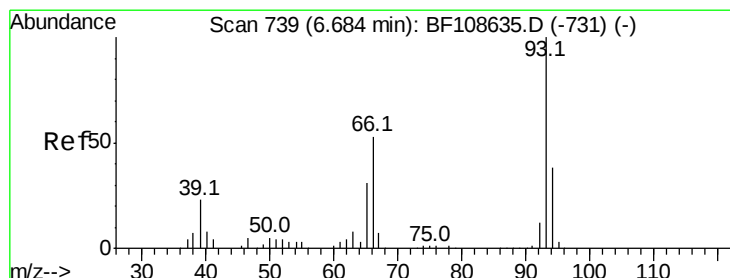
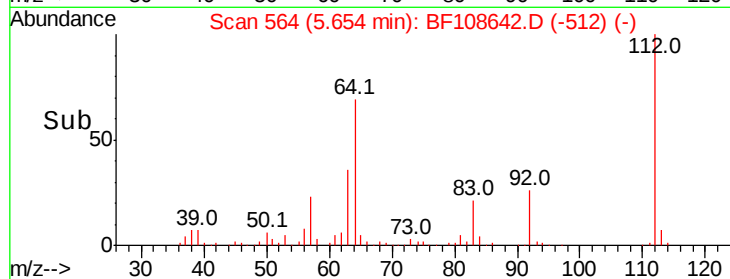
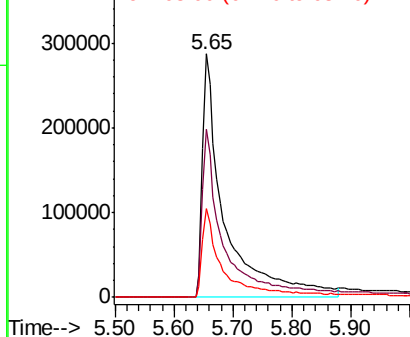
Tot Ion:	112	Resp:	749651
Ion Ratio	Lower	Upper	
112	100		
64	68.9	47.9	71.9
63	36.3	23.7	35.5#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.244 ng

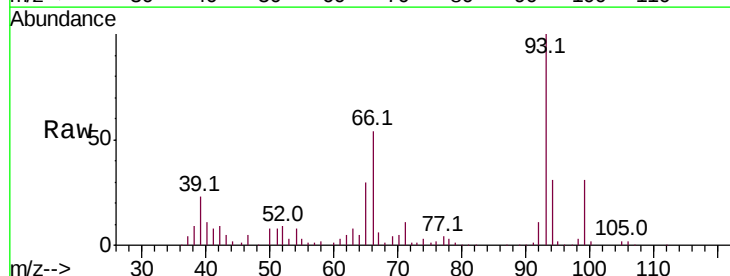
RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

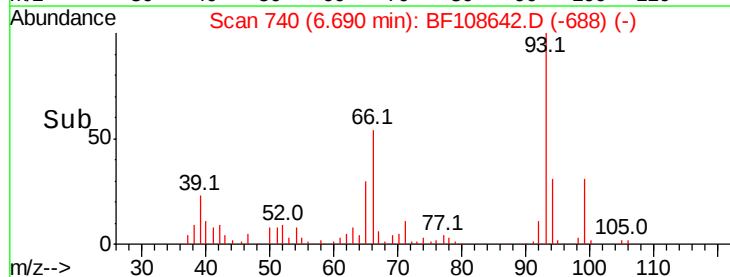
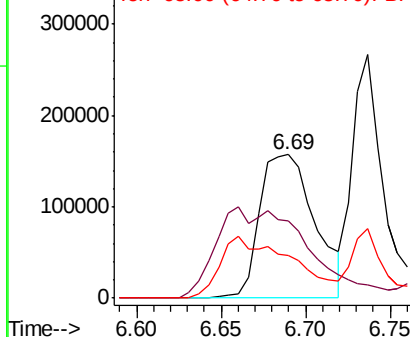
Lab File: BF108642.D

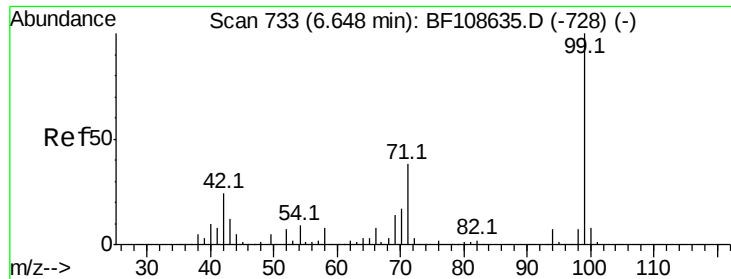
Acq: 30 Aug 2018 16:02

Tgt Ion:	93	Resp:	358400
Ion Ratio	Lower	Upper	
93	100		
66	53.9	32.2	48.2#
65	29.8	16.4	24.6#



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





#7

Phenol-d6

Concen: 97.590 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB112486BS

Tot Ion: 99 Resp: 1037439

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

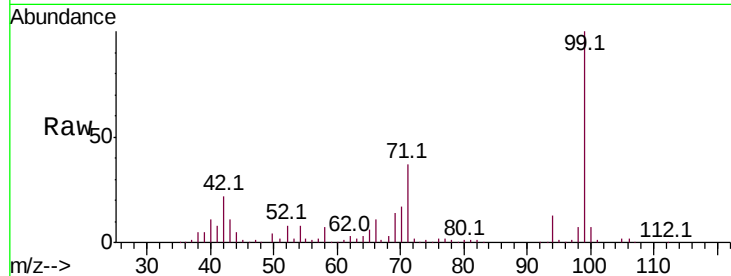
71 36.8 25.4 38.0

Manual Integrations

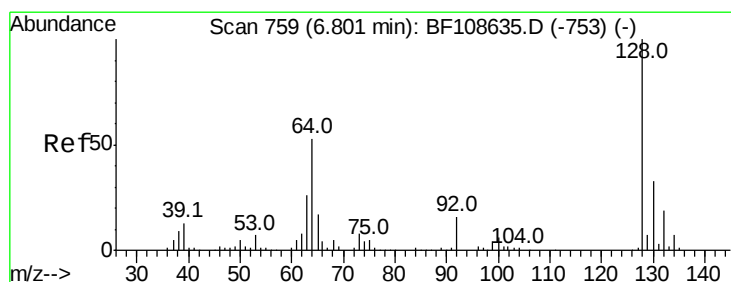
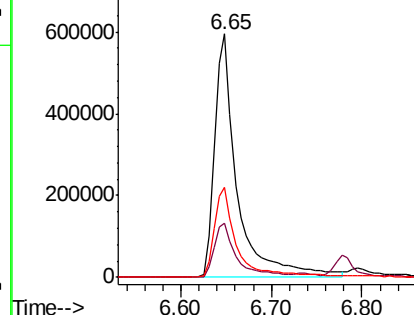
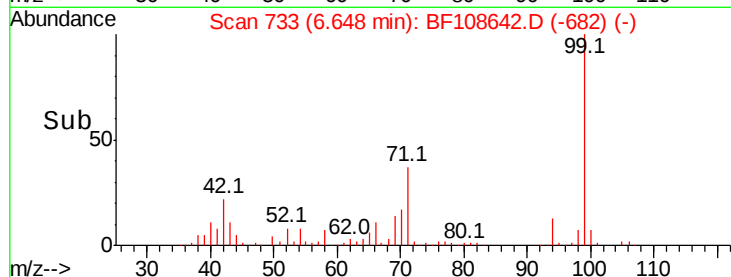
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.580 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

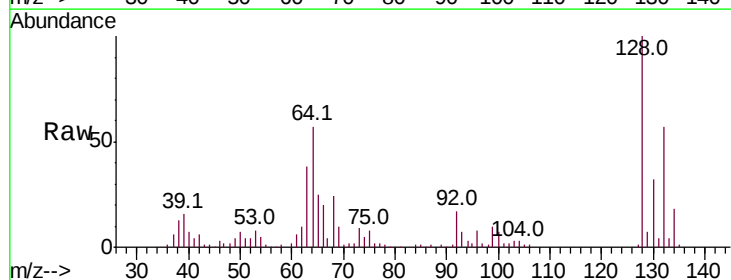
Tgt Ion:128 Resp: 359197

Ion Ratio Lower Upper

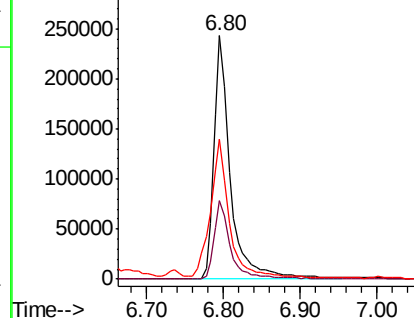
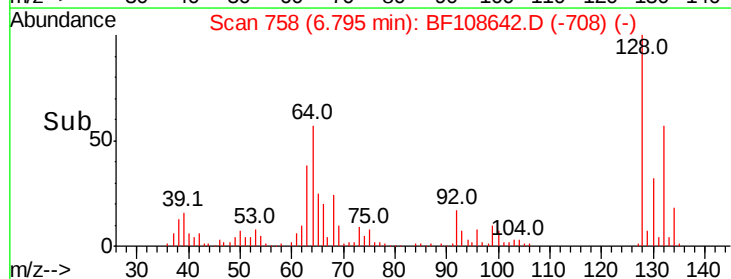
128 100

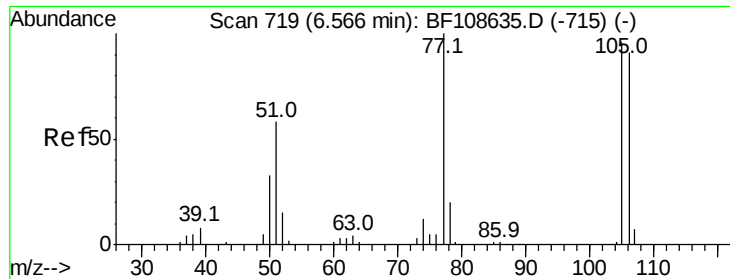
130 32.3 13.0 53.0

64 57.4 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: 33.109 ng

RT: 6.57 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

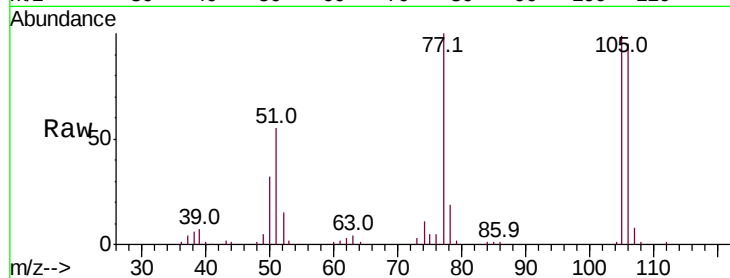
ClientSampleId :

PB112486BS

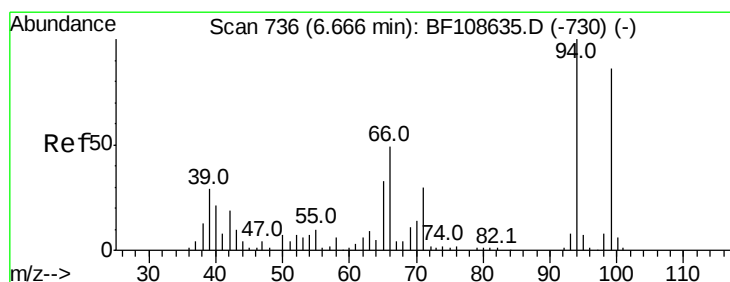
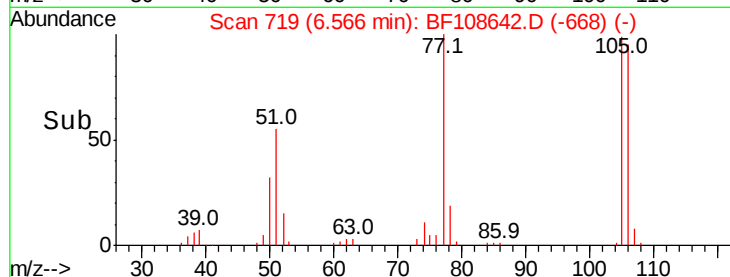
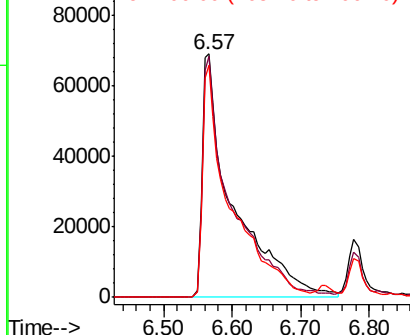
Tot Ion:	77	Resp:	217543
Ion	Ratio	Lower	Upper
77	100		
105	99.2	81.1	121.1
106	95.4	74.5	114.5

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



#10

Phenol

Concen: 38.557 ng

RT: 6.66 min Scan# 735

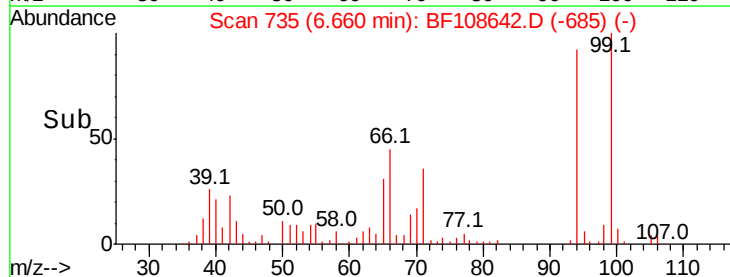
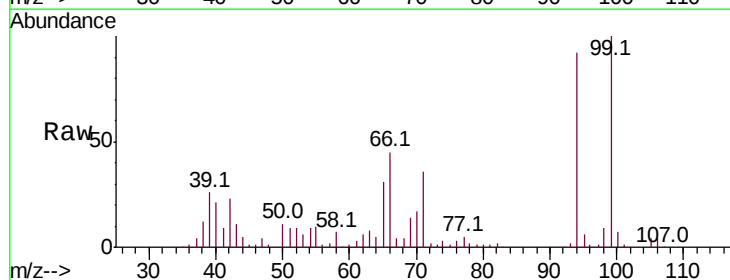
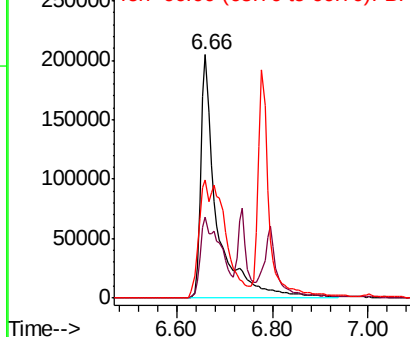
Delta R.T. -0.01 min

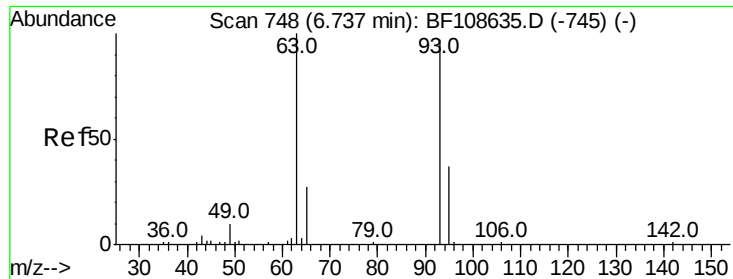
Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Tgt Ion:	94	Resp:	477976
Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.9	47.9
66	48.7	16.2	56.2

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





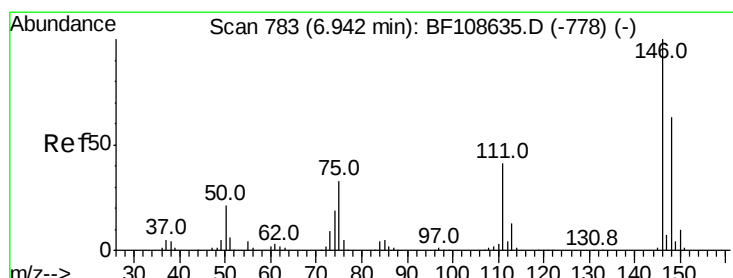
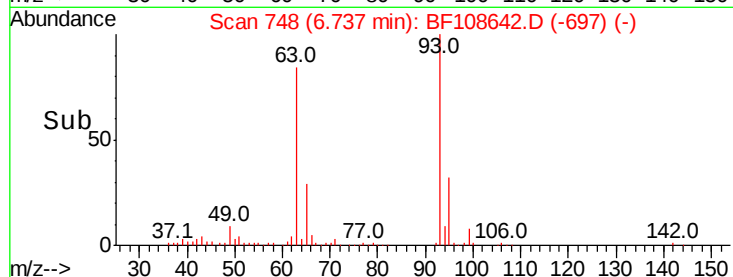
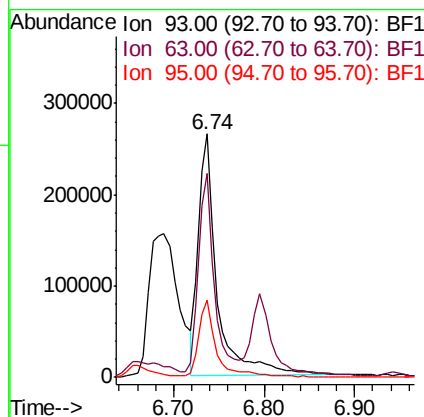
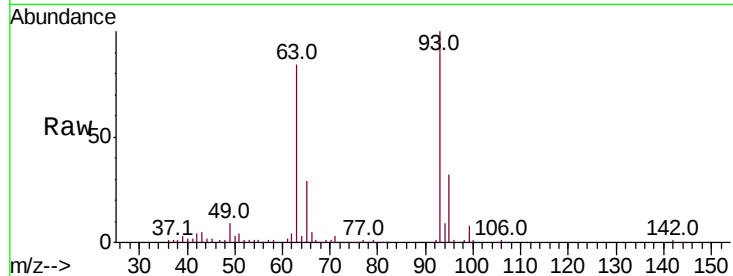
#11
bis(2-Chloroethyl)ether
Concen: 34.956 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	93	Resp	381573
Ion	Ratio	Lower	Upper
93	100		
63	83.8	58.6	98.6
95	31.7	11.8	51.8

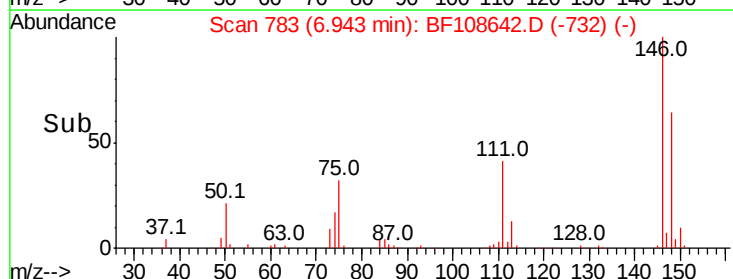
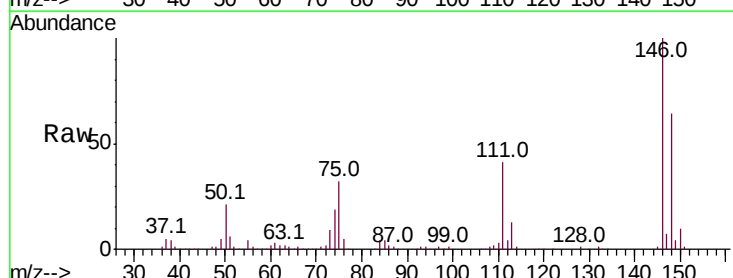
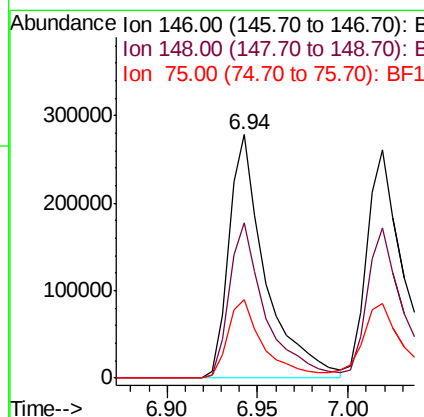
Manual Integrations
APPROVED

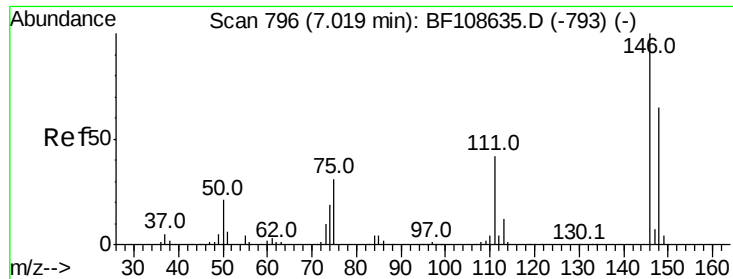
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.069 ng
RT: 6.94 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	146	Resp	390052
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	32.1	24.2	36.4





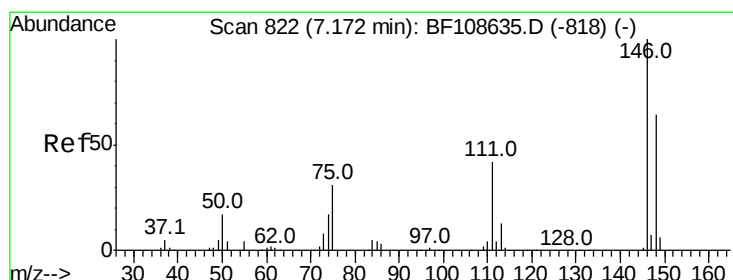
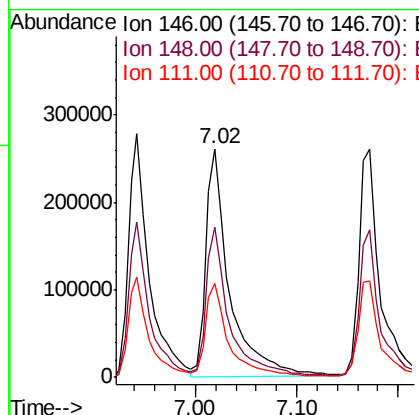
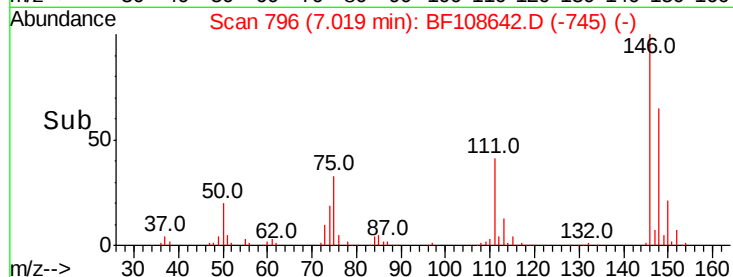
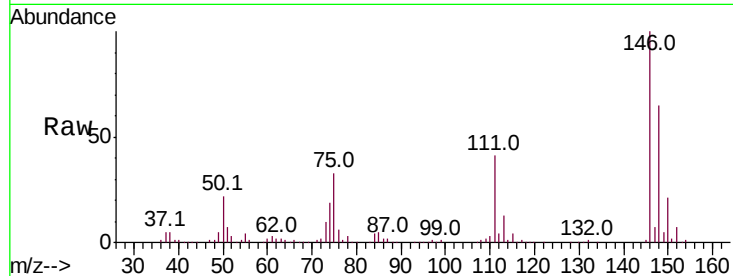
#13
 1,4-Dichlorobenzene
 Concen: 37.150 ng
 RT: 7.02 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.8	76.2
111	40.8	34.2	51.2

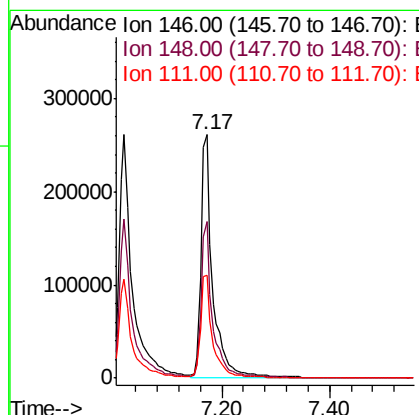
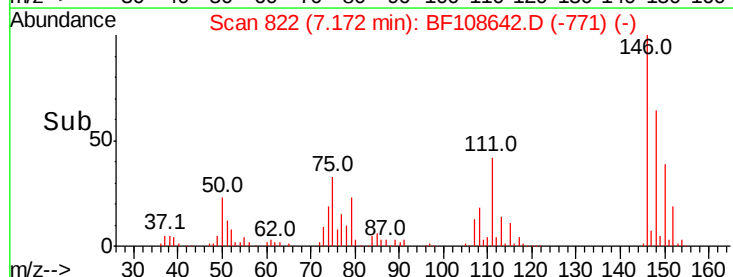
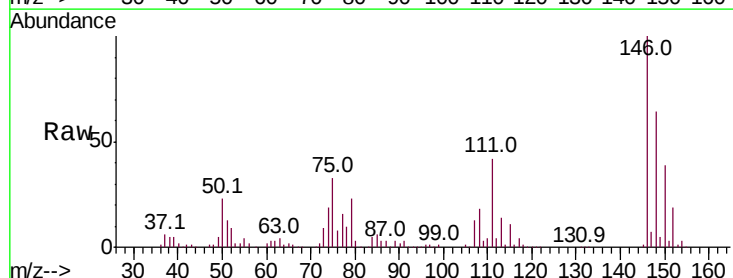
Manual Integrations
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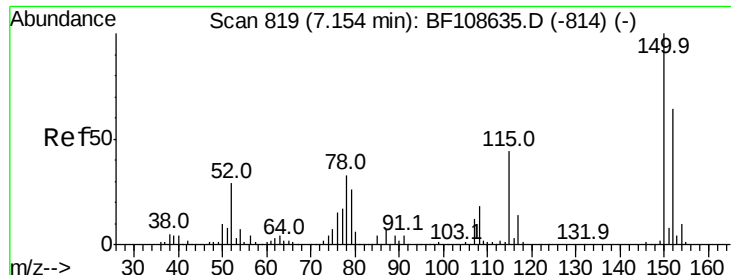
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#14
 1,2-Dichlorobenzene
 Concen: 37.286 ng
 RT: 7.17 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	42.3	36.0	54.0





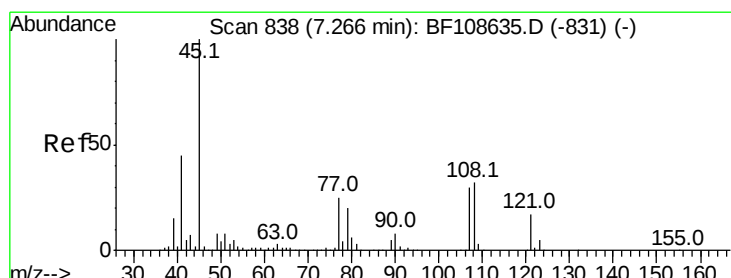
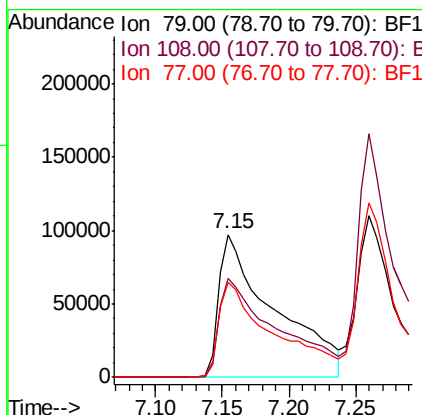
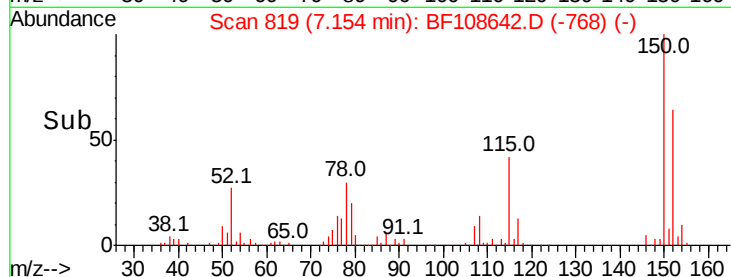
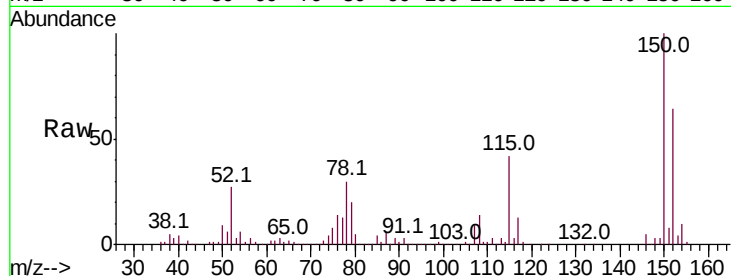
#15
Benzyl Alcohol
Concen: 36.909 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.0	65.1	97.7
77	66.6	50.6	75.8

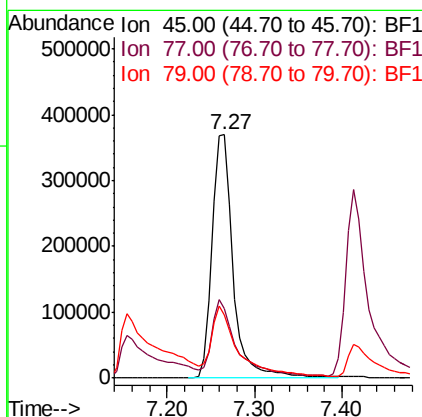
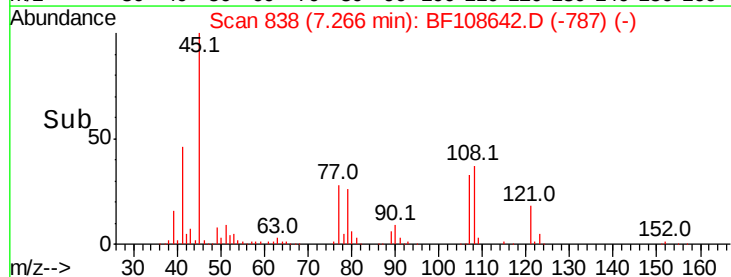
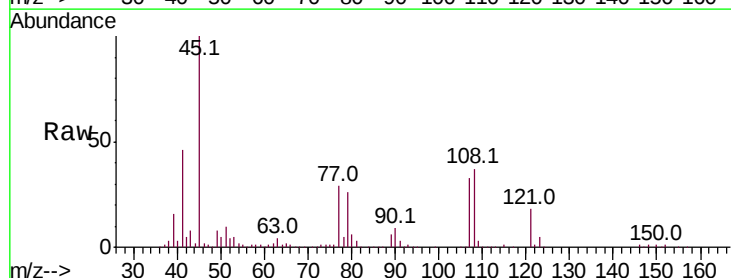
Manual Integrations
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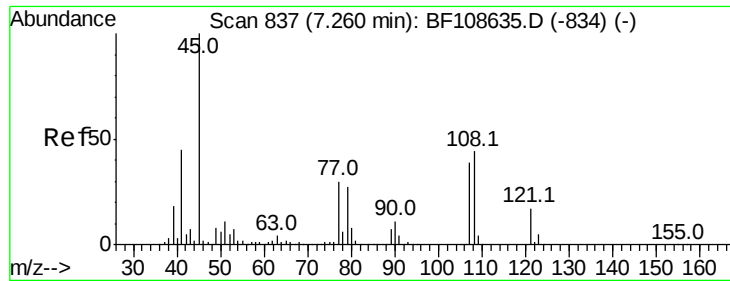
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.196 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.6	0.0	32.9
79	25.9	0.0	29.6





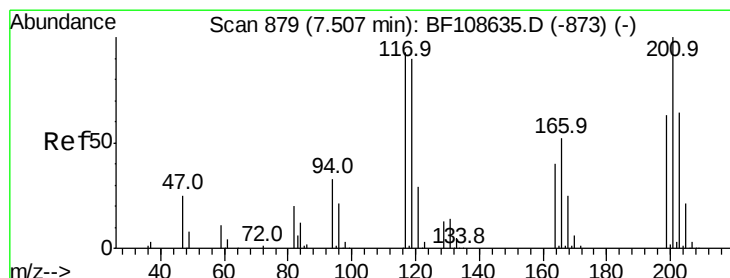
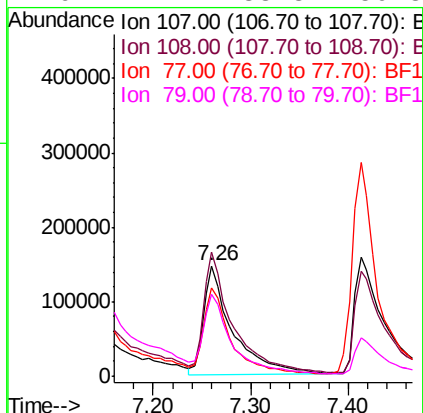
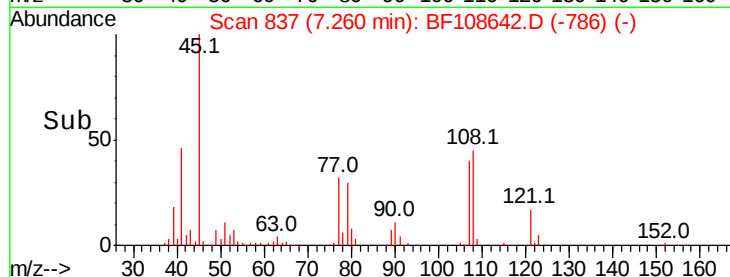
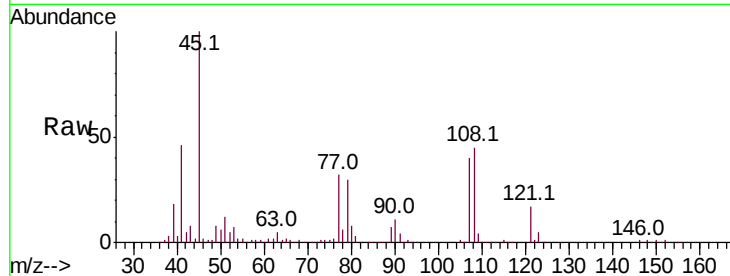
#17
2-Methylphenol
Concen: 41.996 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	112.1	91.7	137.5
77	80.3	33.8	50.8#
79	74.4	33.8	50.8#

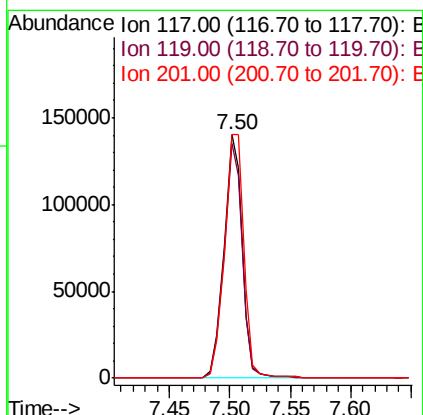
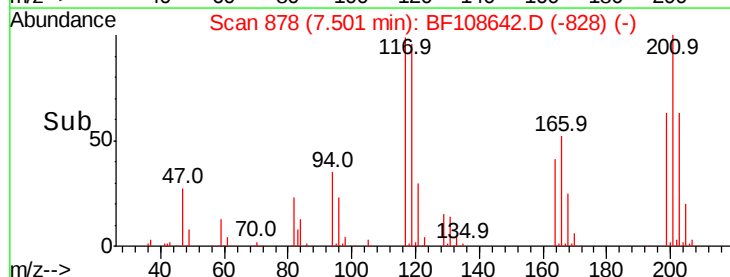
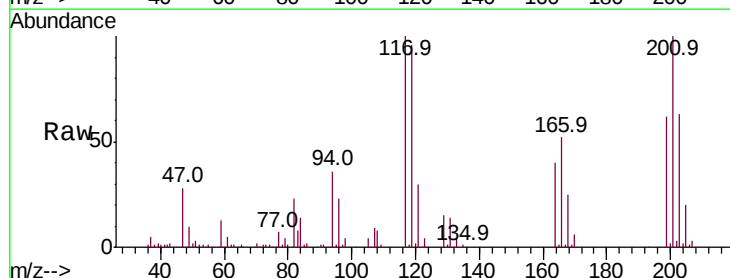
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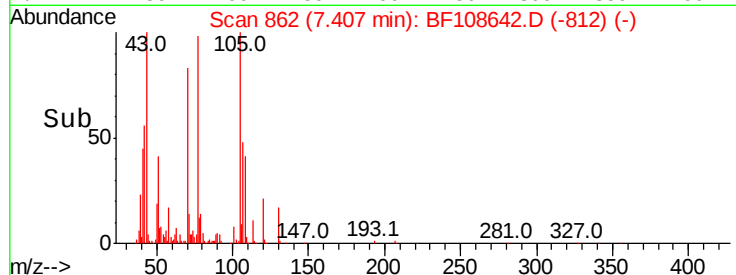
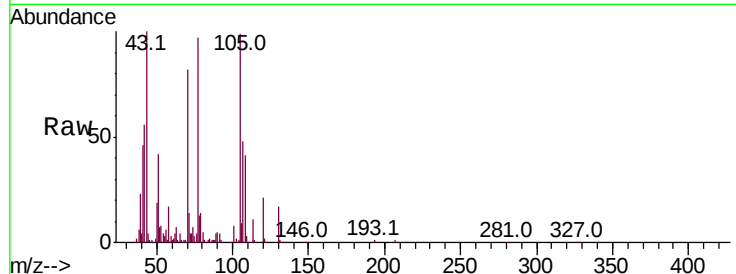
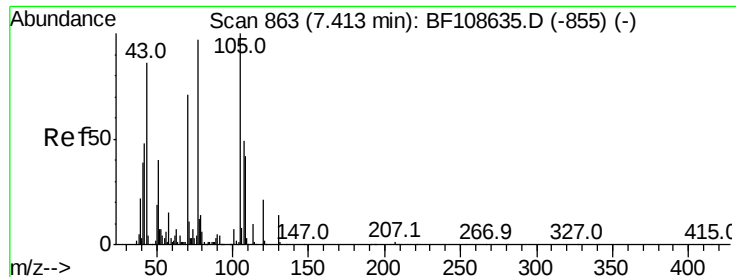
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#18
Hexachloroethane
Concen: 37.110 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.3	75.8	113.8
201	99.9	75.7	113.5





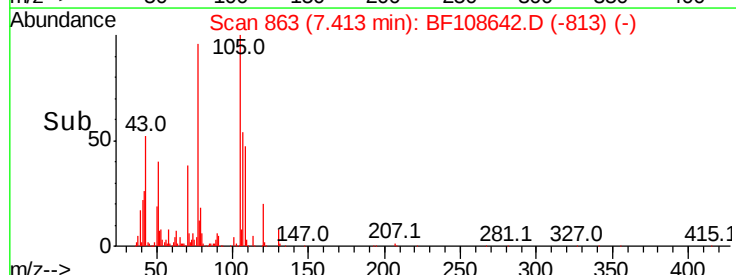
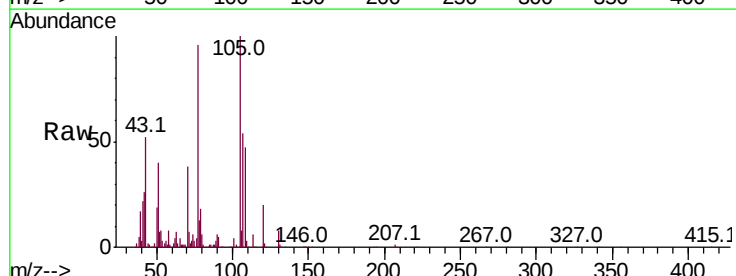
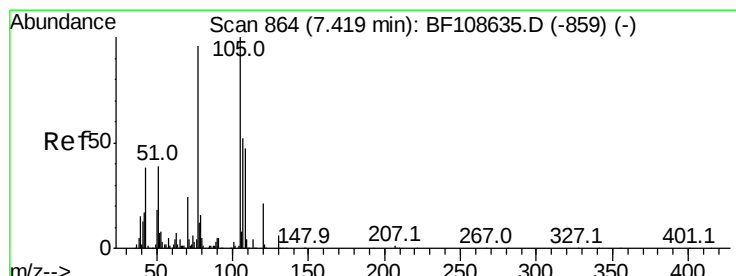
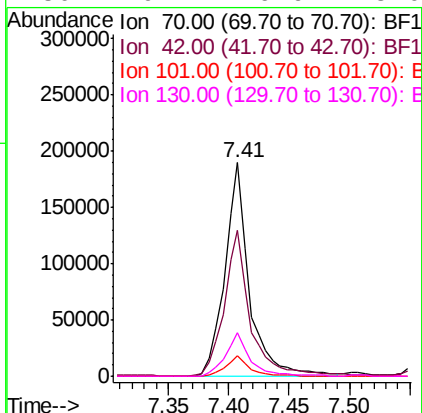
#19
n-Nitroso-di-n-propylamine
Concen: 37.516 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Manual Integrations
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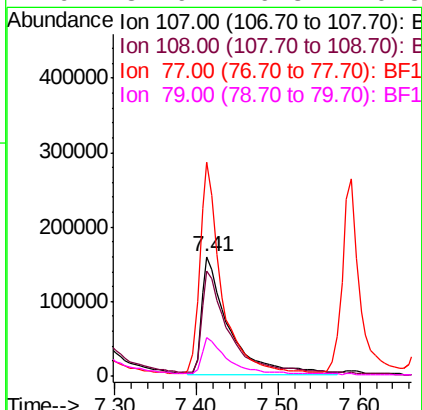
Sohil
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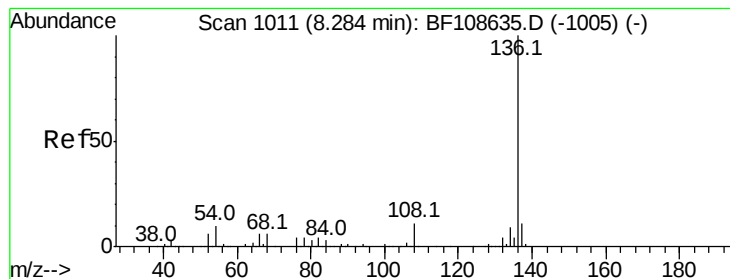
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.1	47.5	71.3
101	9.5	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.675 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	179.3	26.7	66.7#
79	32.6	6.3	46.3





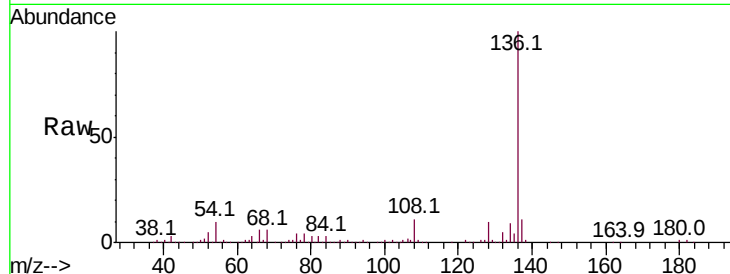
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	9.5	6.6	9.8	
68	5.5	5.0	7.4	

Manual Integrations
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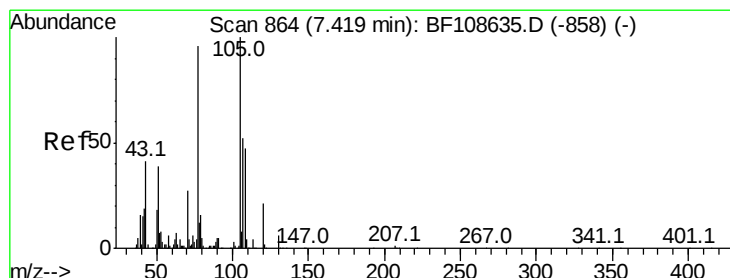
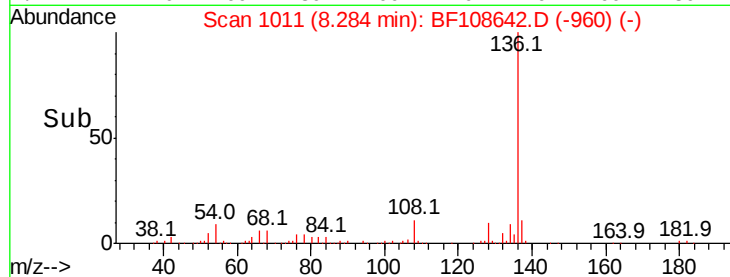
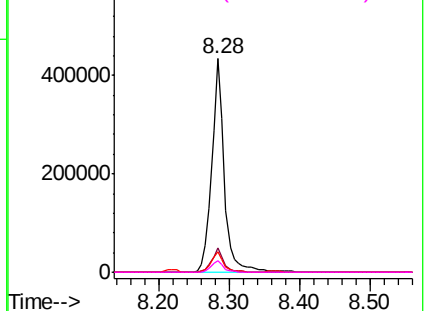
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.850 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	4.4	6.6	
51	39.8	22.3	33.5	
120	20.3	16.9	25.3	

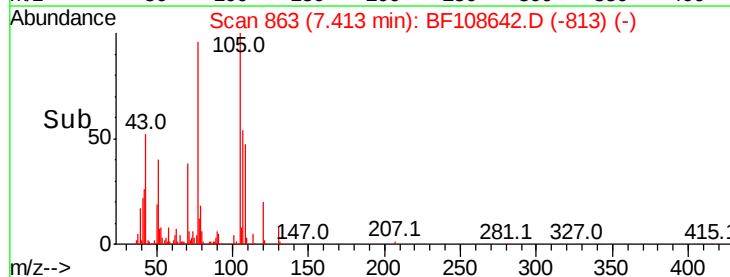
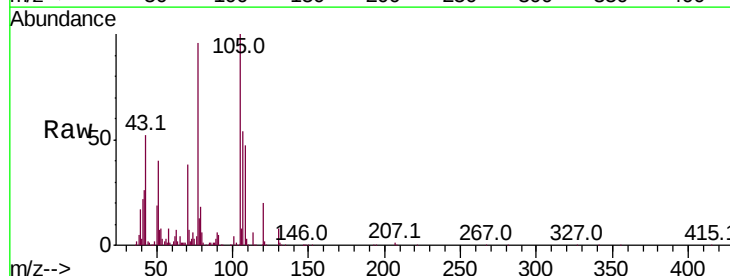
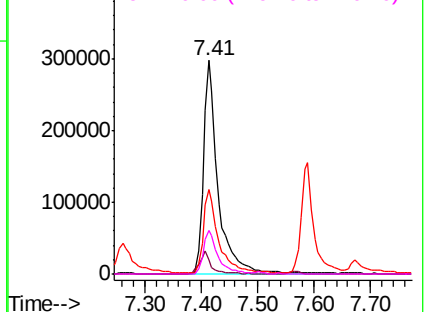
Abundance

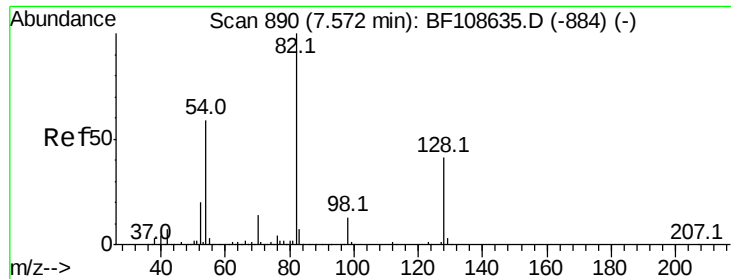
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





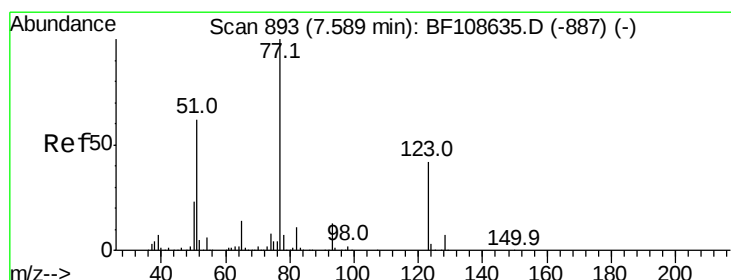
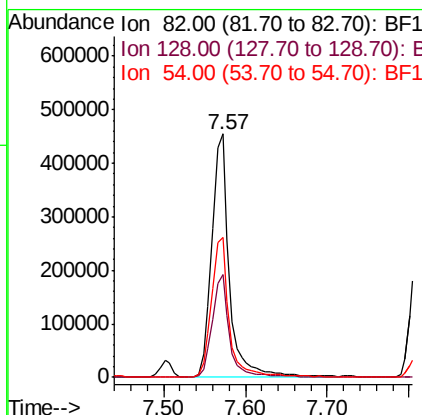
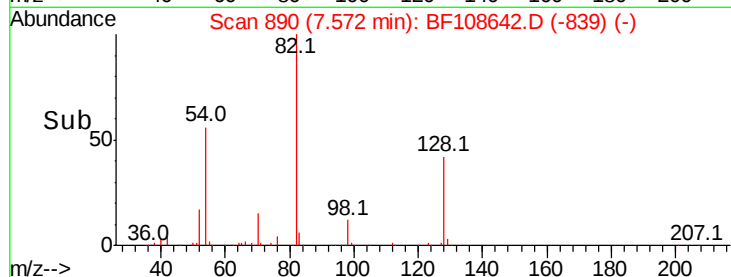
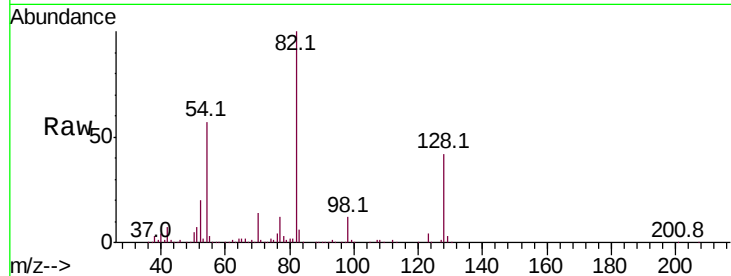
#23
Nitrobenzene-d5
Concen: 64.247 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	57.3	41.4	62.2

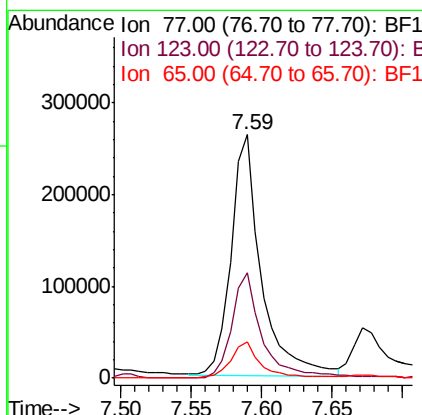
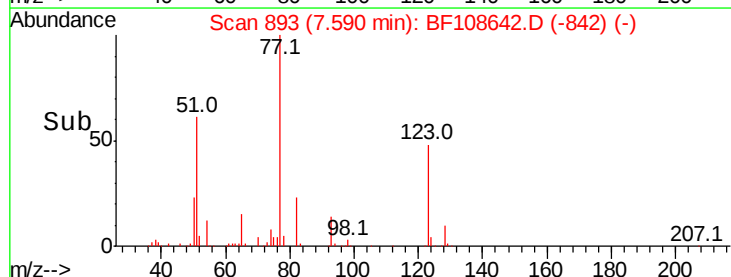
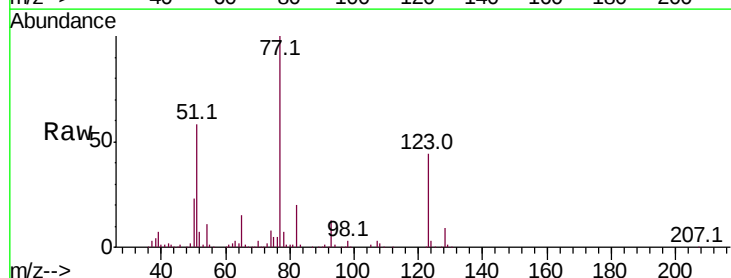
Manual Integrations
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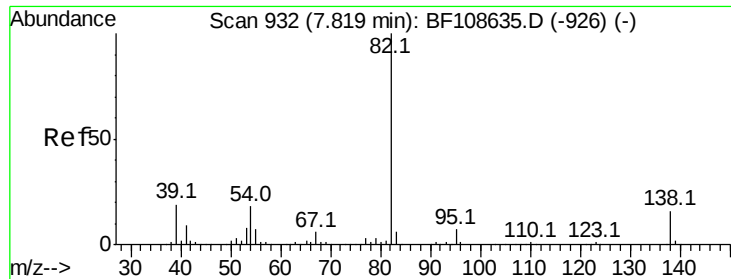
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#24
Nitrobenzene
Concen: 36.225 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 41.853 ng

RT: 7.82 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

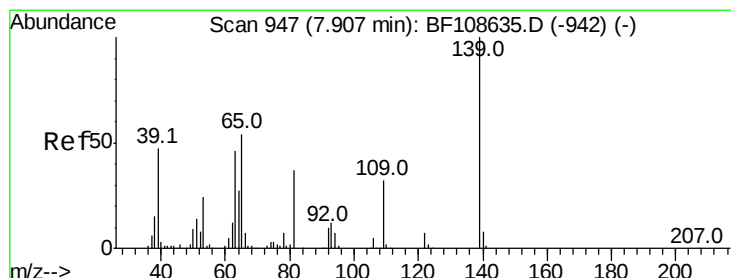
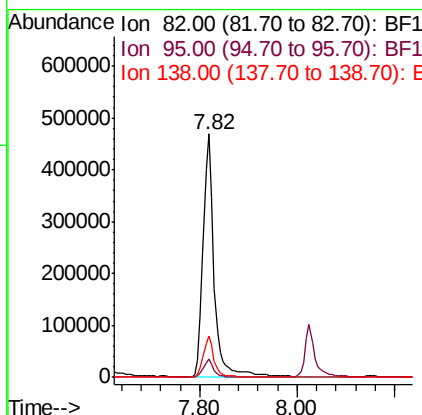
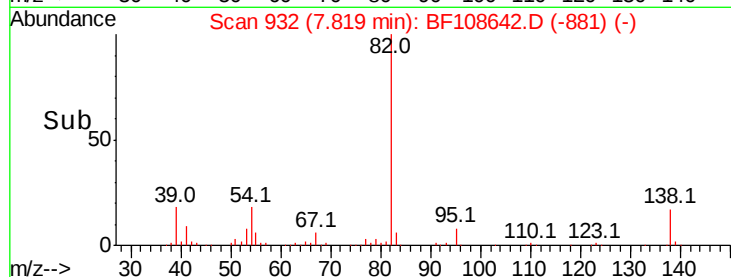
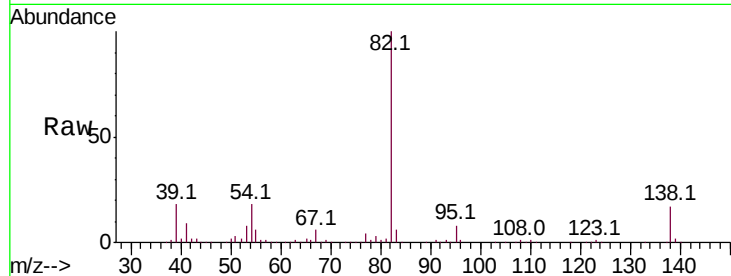
ClientSampleId :

PB112486BS

Tot Ion:	82	Resp:	742135
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.970 ng

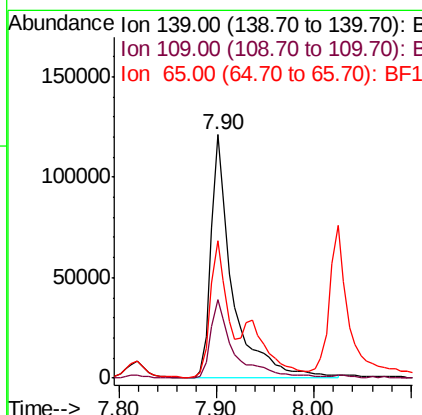
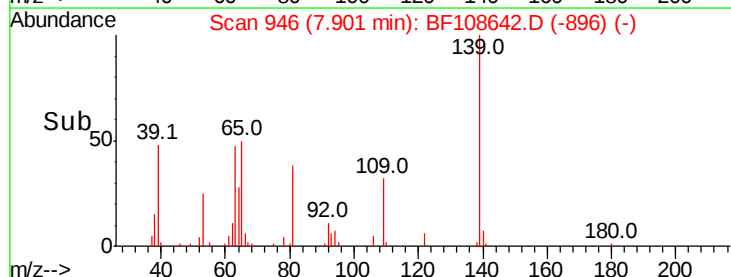
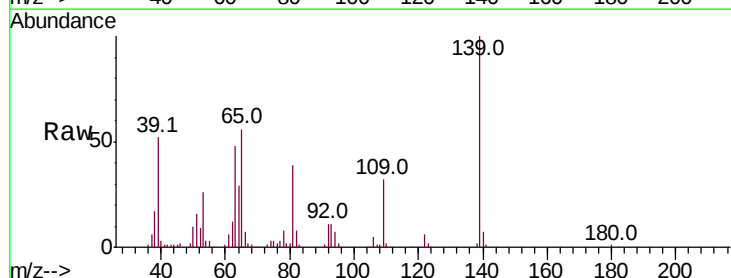
RT: 7.90 min Scan# 946

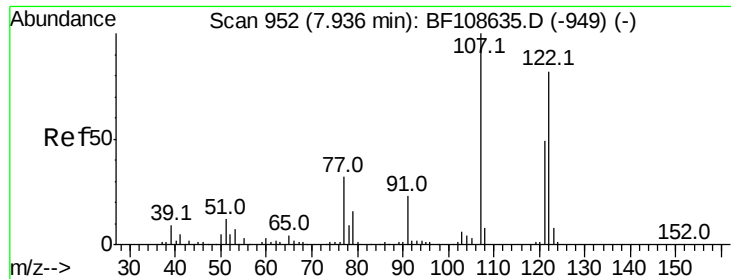
Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Tgt Ion:	139	Resp:	186042
Ion Ratio	Lower	Upper	
139	100		
109	32.1	22.7	34.1
65	56.2	40.5	60.7





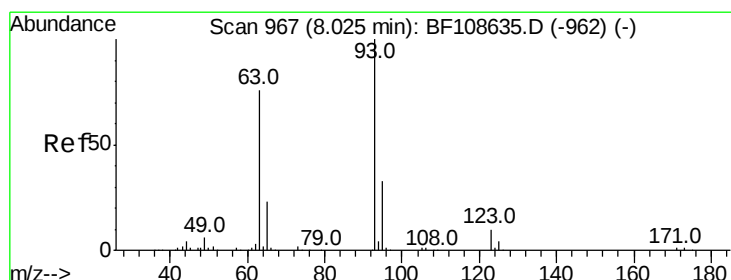
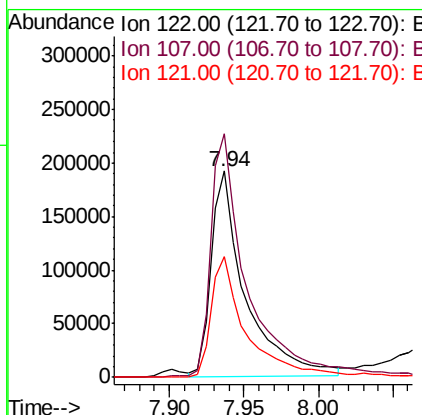
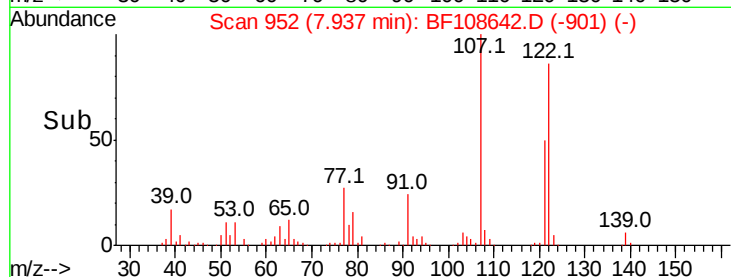
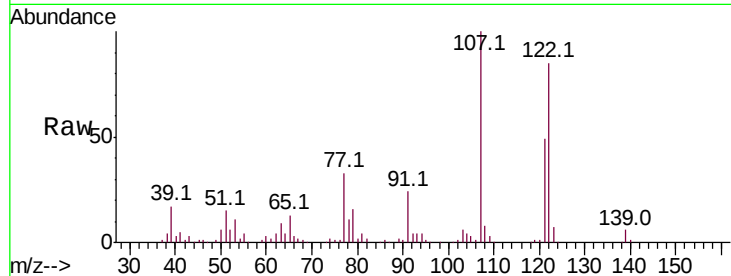
#27
 2,4-Dimethylphenol
 Concen: 42.954 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion:	122	Resp:	306088
Ion Ratio	Lower	Upper	
122	100		
107	118.1	91.2	136.8
121	58.3	47.2	70.8

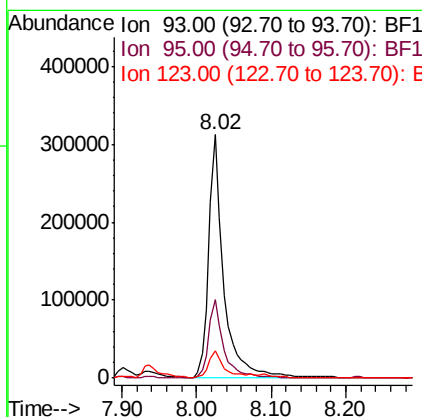
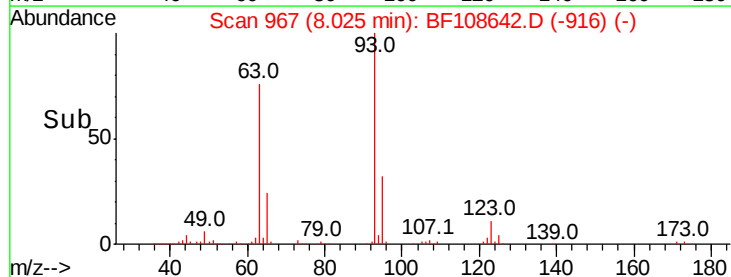
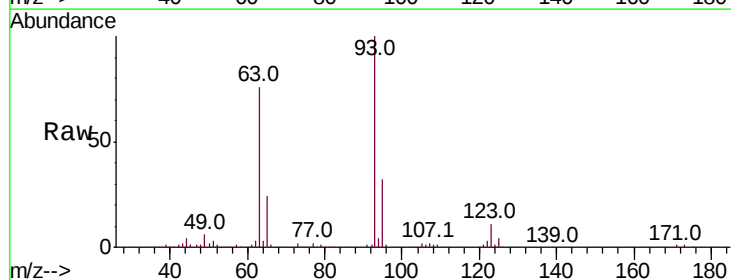
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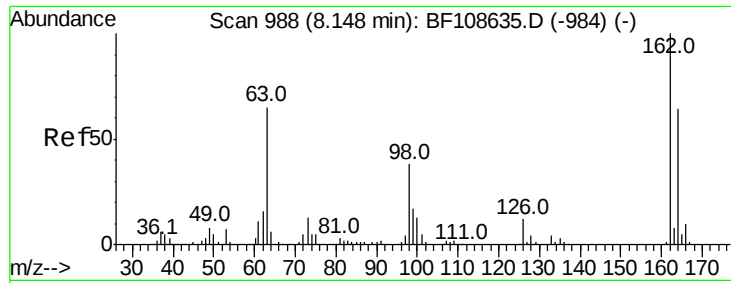
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.565 ng
 RT: 8.02 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion:	93	Resp:	431983
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.4	9.8	14.6





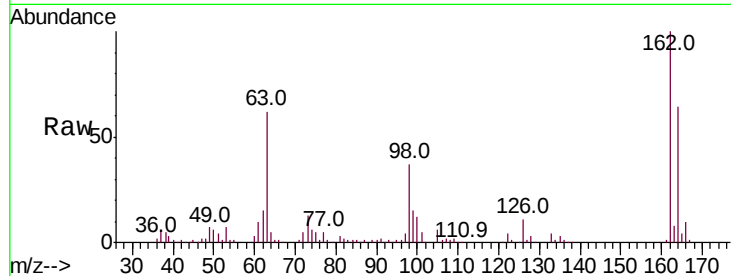
#29
 2,4-Dichlorophenol
 Concen: 38.989 ng
 RT: 8.15 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

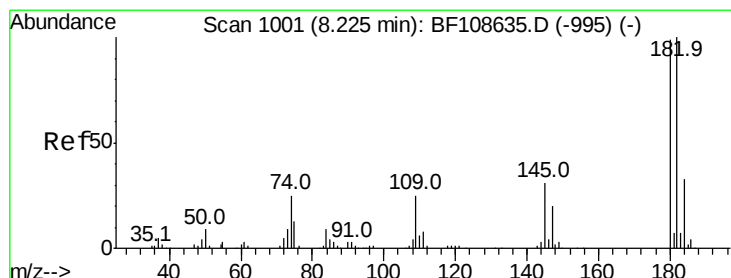
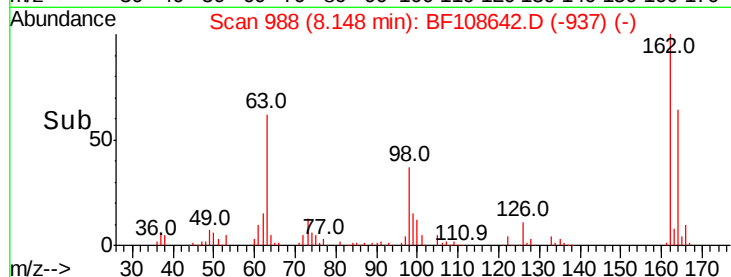
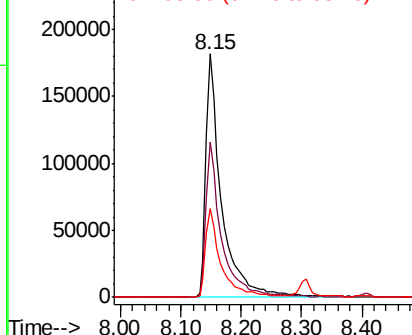
Tot Ion:	162	Resp:	329609
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	36.6	18.1	58.1

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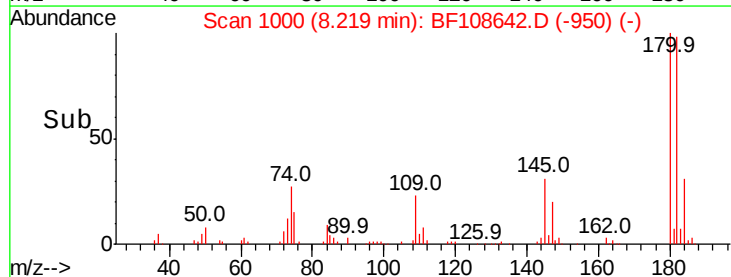
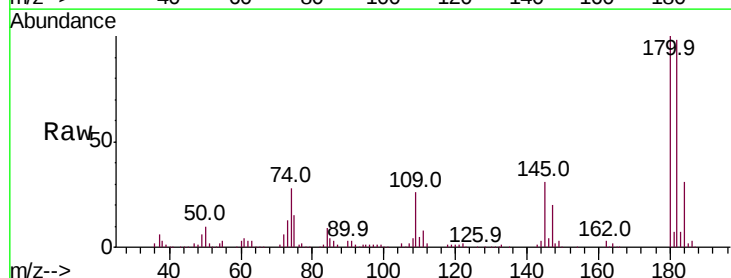
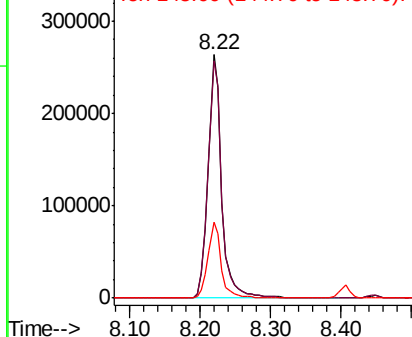
Abundance Ion 162.00 (161.70 to 162.70): E
 250000
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

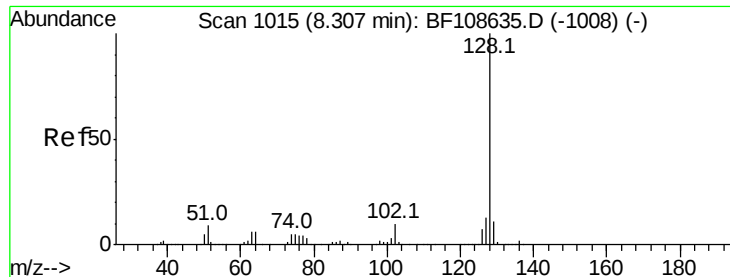


#30
 1,2,4-Trichlorobenzene
 Concen: 37.015 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion:	180	Resp:	349930
Ion Ratio	Lower	Upper	
180	100		
182	97.7	76.8	115.2
145	31.3	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
 300000
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





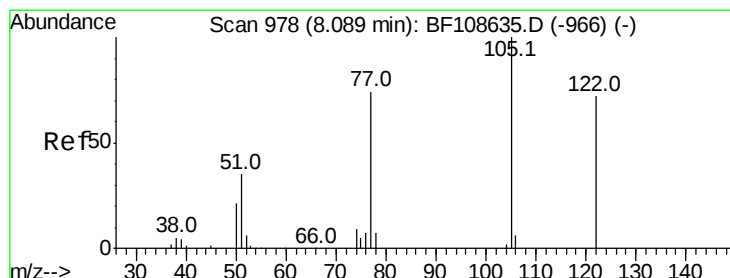
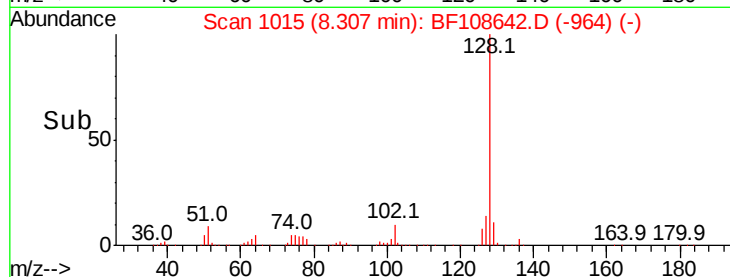
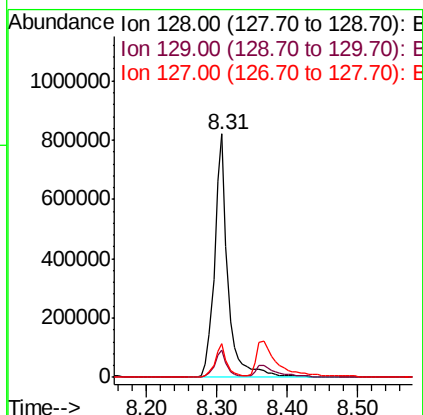
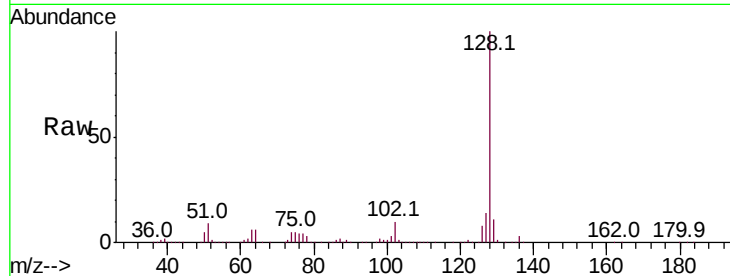
#31
Naphthalene
Concen: 42.114 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion:128 Resp: 1086844
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.9 16.3

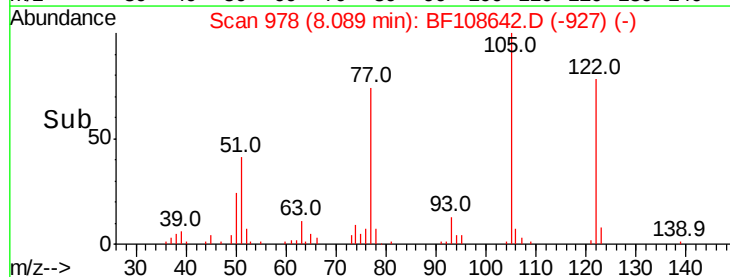
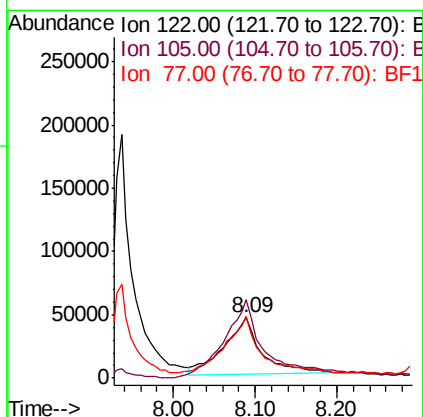
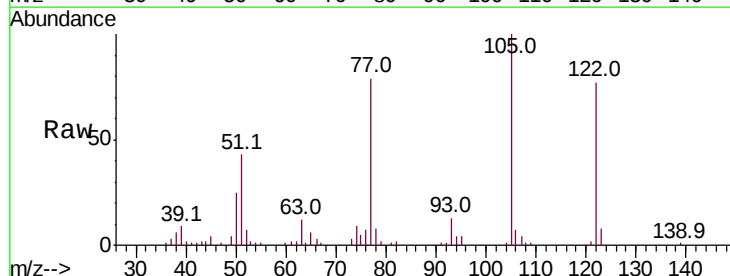
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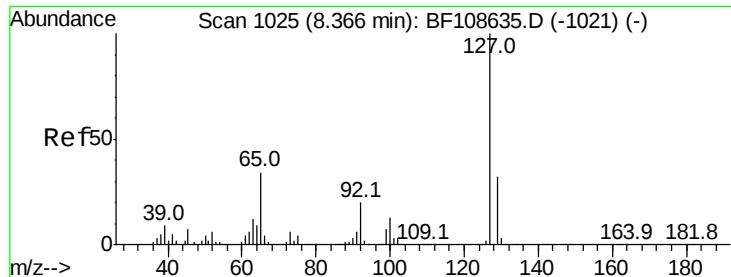
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#32
Benzoic acid
Concen: 31.837 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion:122 Resp: 145488
Ion Ratio Lower Upper
122 100
105 130.1 101.1 141.1
77 102.9 70.7 110.7





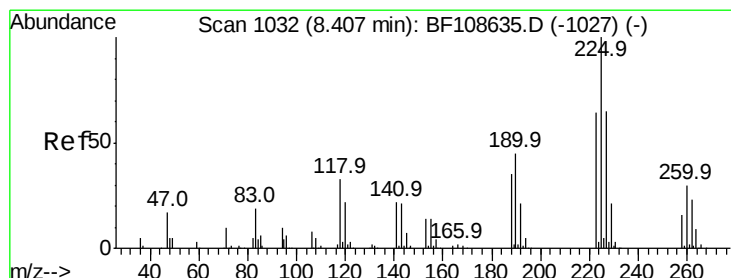
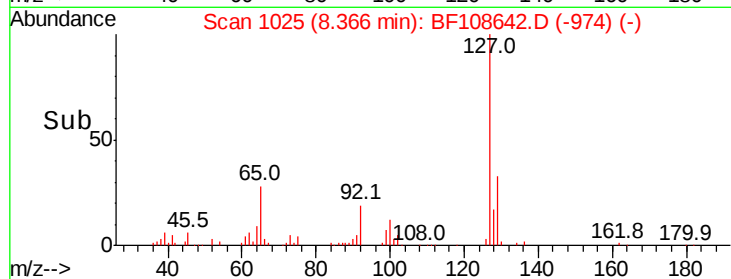
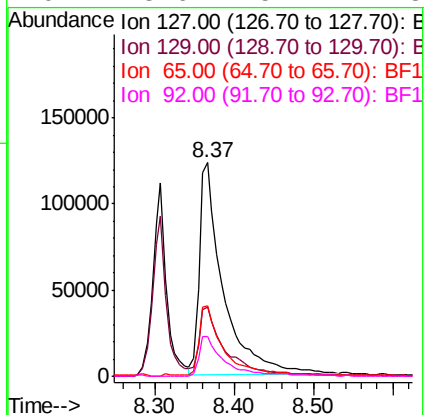
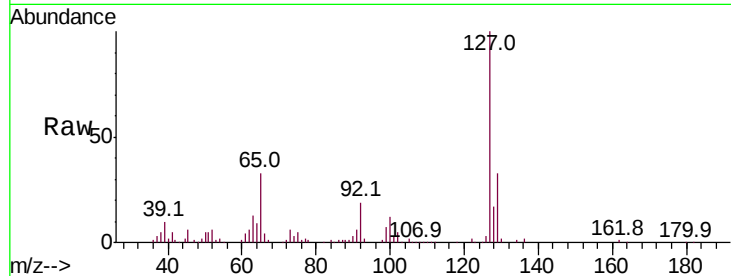
#33
4-Chloroaniline
Concen: 22.823 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	260009		
129	32.6		25.9	38.9
65	32.8		25.0	37.4
92	18.6		15.2	22.8

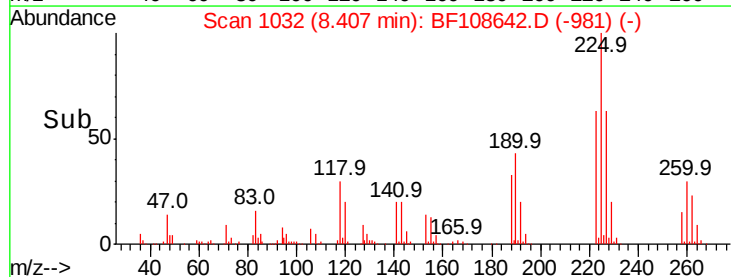
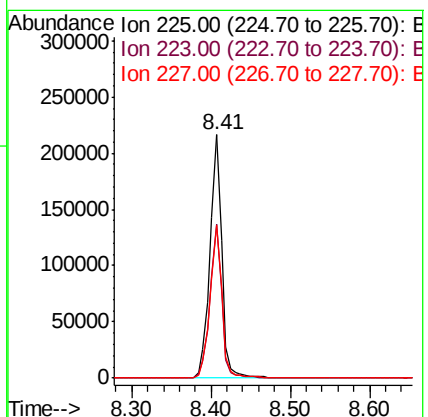
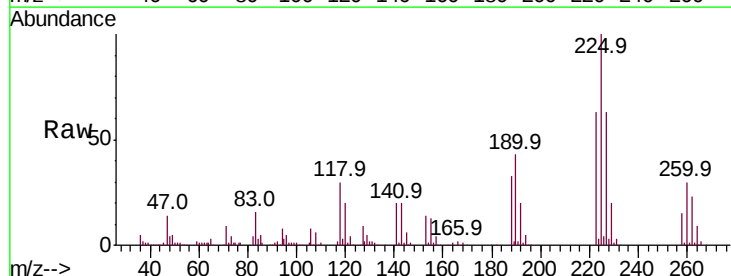
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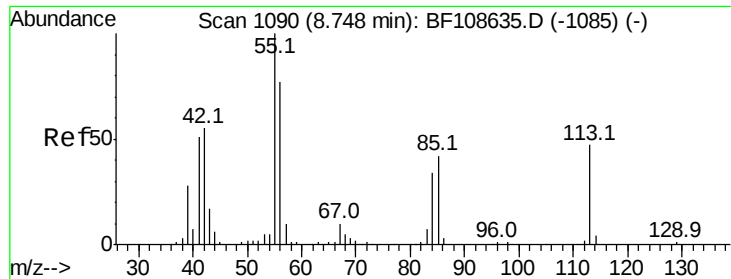
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#34
Hexachlorobutadiene
Concen: 36.433 ng
RT: 8.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	226145		
223	63.3		50.6	76.0
227	62.7		51.9	77.9





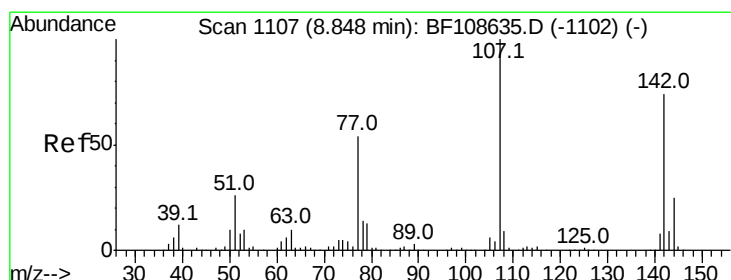
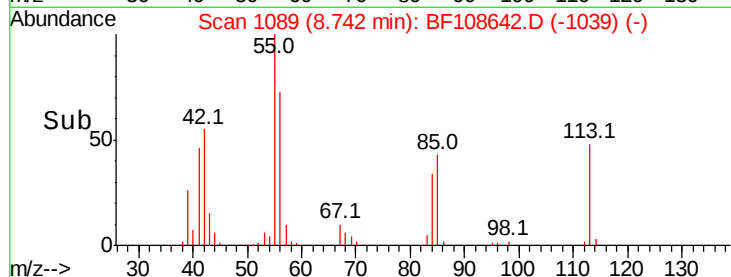
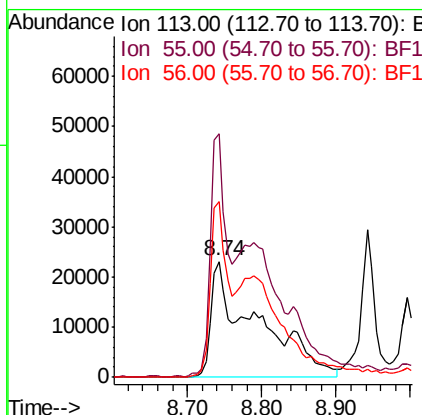
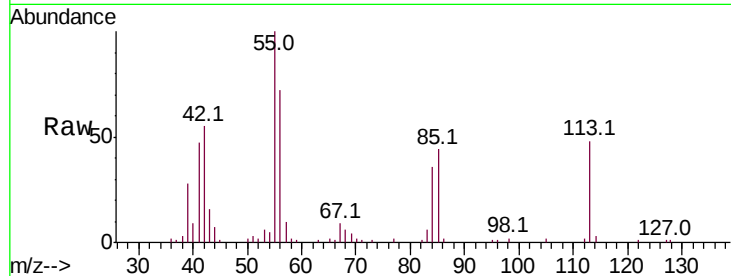
#35
Caprolactam
Concen: 43.734 ng/ml
RT: 8.74 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
Client Sample ID :
PB112486BS

Tot Ion: 113 Resp: 98519
Ion Ratio Lower Upper
113 100
55 210.0 163.3 203.3#
56 151.3 115.7 155.7

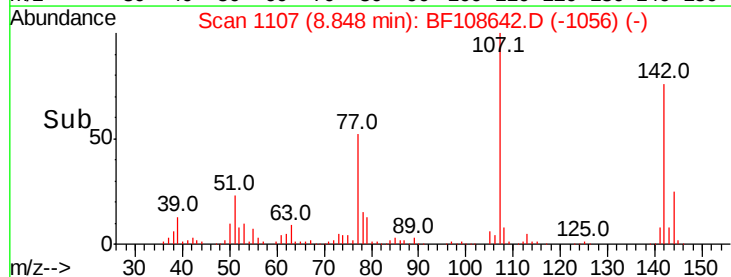
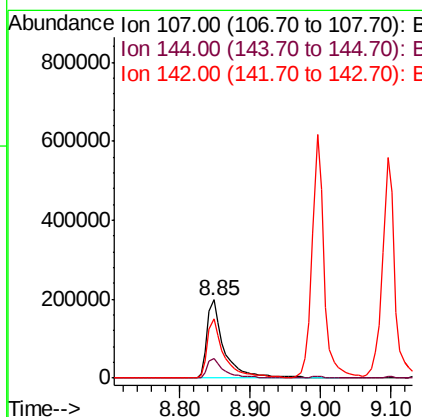
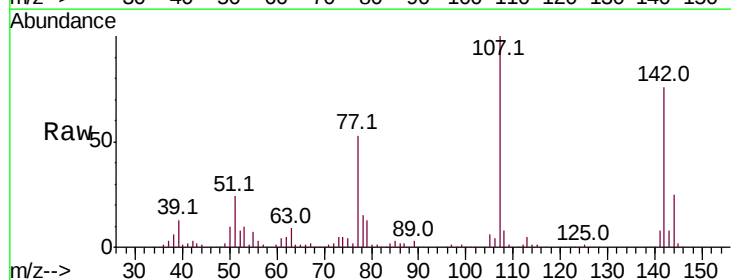
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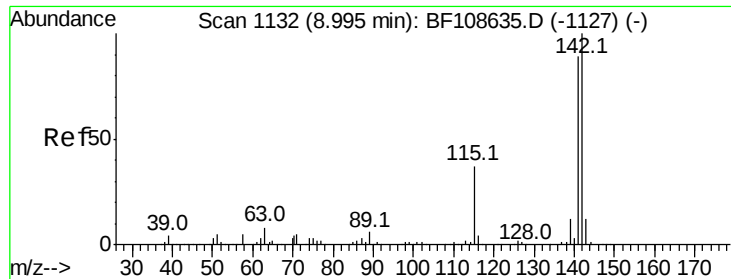
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#36
4-Chloro-3-methylphenol
Concen: 37.244 ng
RT: 8.85 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion: 107 Resp: 337931
Ion Ratio Lower Upper
107 100
144 25.0 20.5 30.7
142 75.9 62.0 93.0





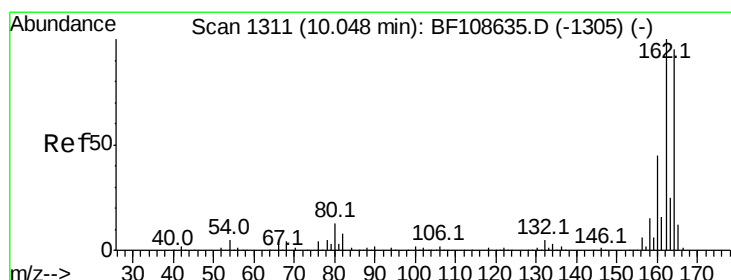
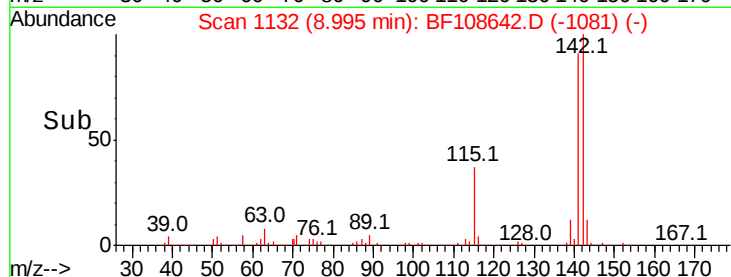
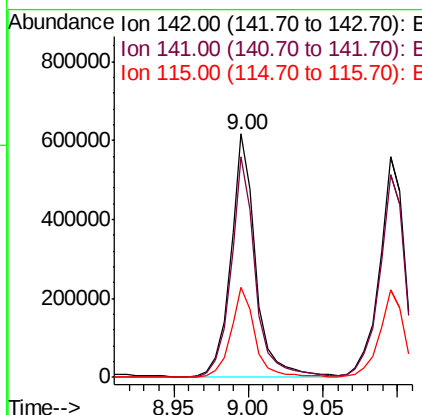
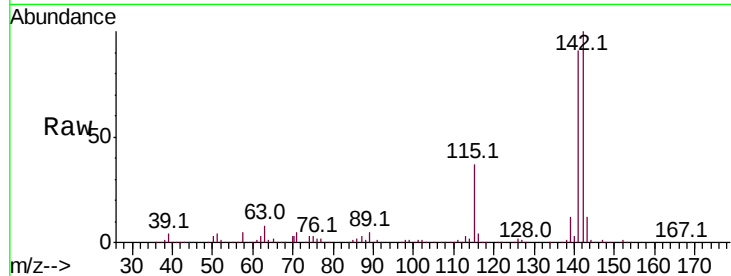
#37
2-Methylnaphthalene
Concen: 41.442 ng
RT: 9.00 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	723605		
141	90.6		70.8	106.2
115	37.1		26.1	39.1

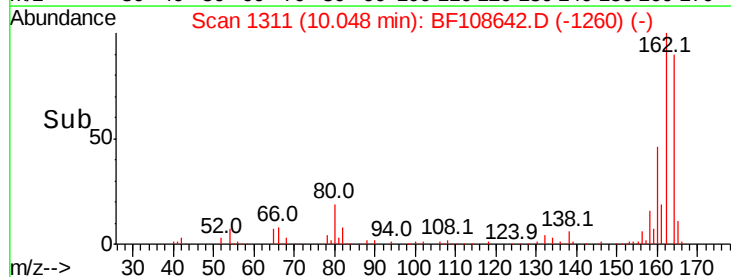
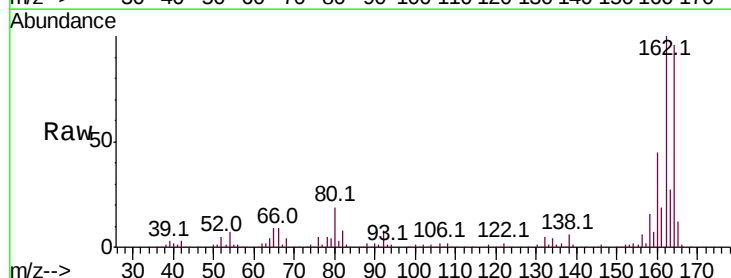
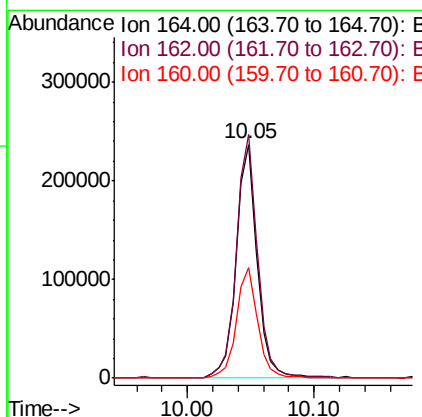
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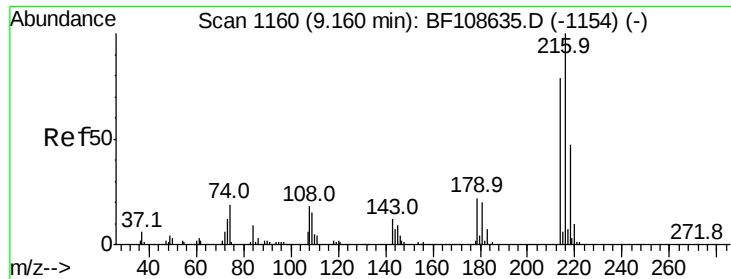
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	270178		
162	104.1		86.1	129.1
160	47.2		38.3	57.5





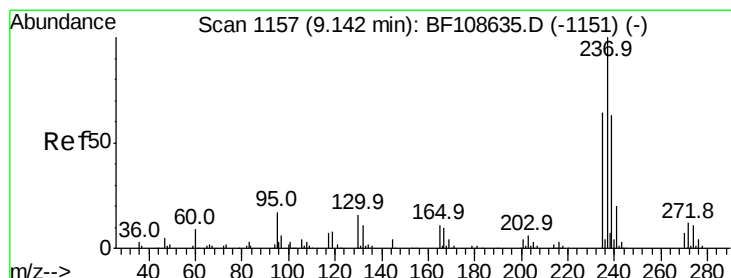
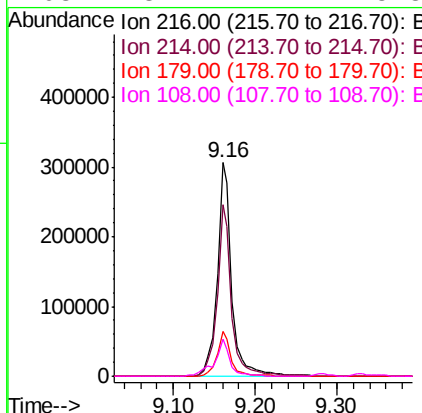
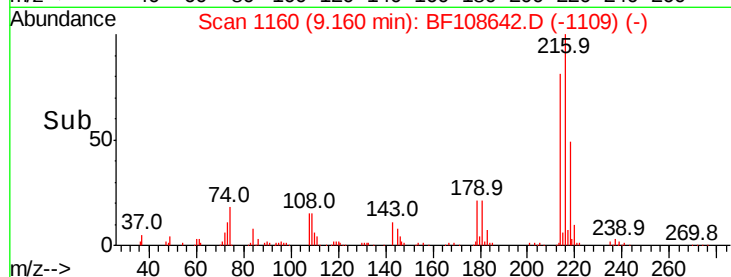
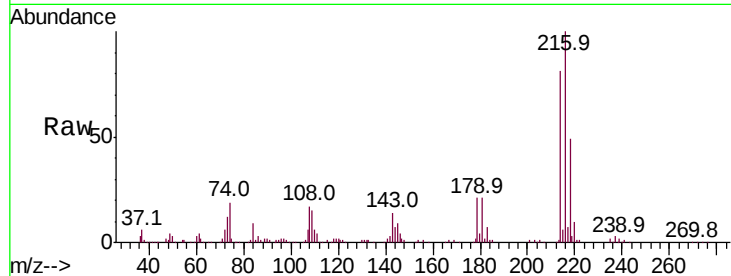
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.477 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	63.0	94.4
179	20.4	18.1	27.1
108	18.4	17.2	25.8

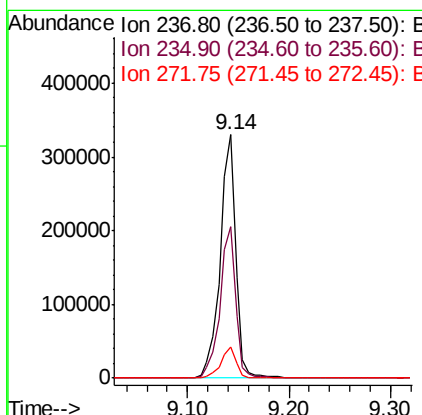
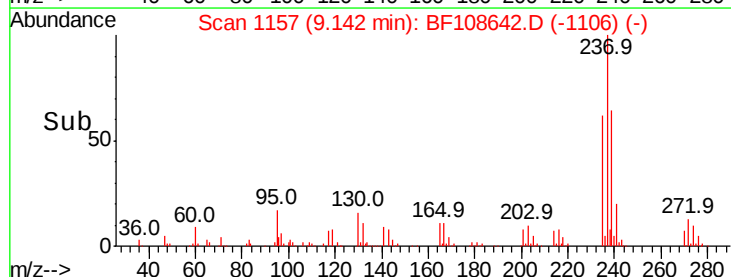
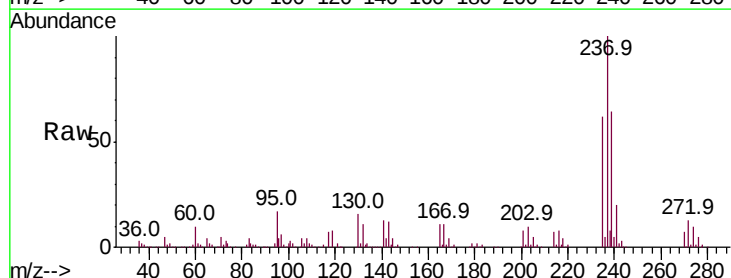
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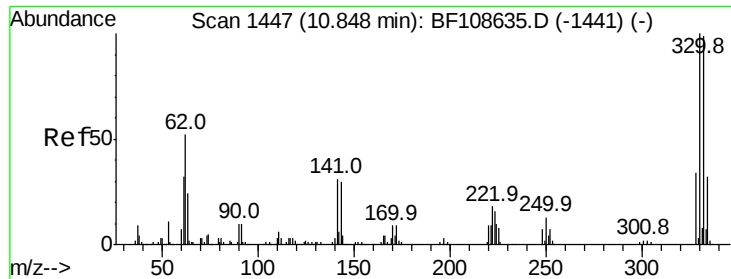
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#40
 Hexachlorocyclopentadiene
 Concen: 86.947 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.7	0.0	33.3





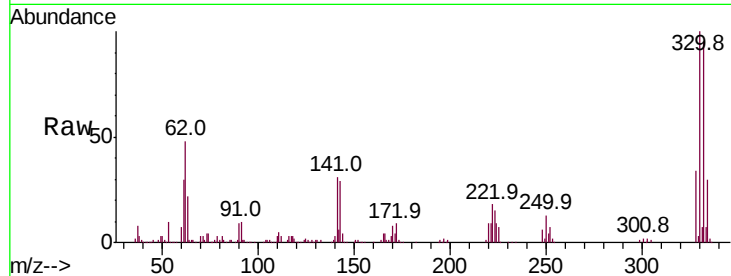
#41
 2,4,6-Tribromophenol
 Concen: 92.143 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

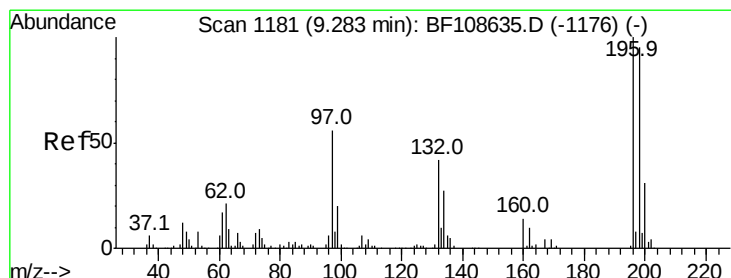
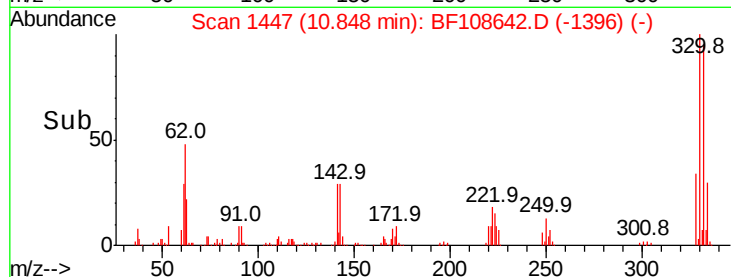
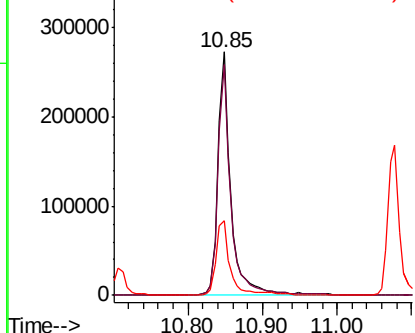
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	32.2	29.9	44.9	

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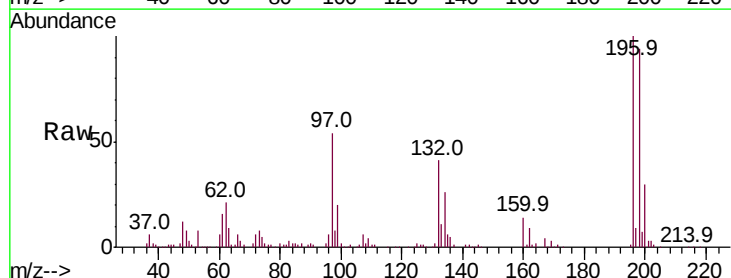


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

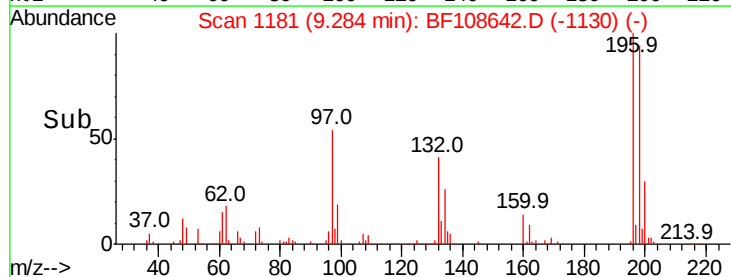
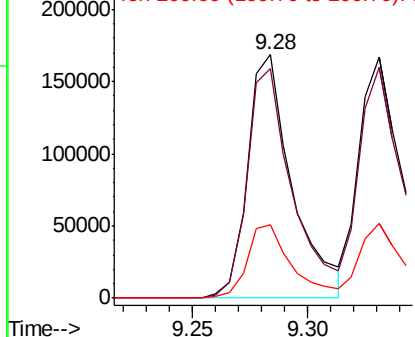


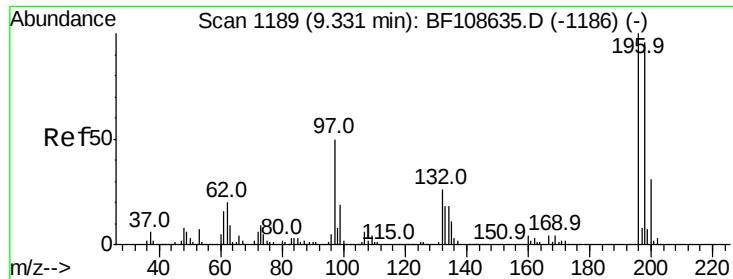
#42
 2,4,6-Trichlorophenol
 Concen: 40.179 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.2	75.7	113.5	
200	30.4	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





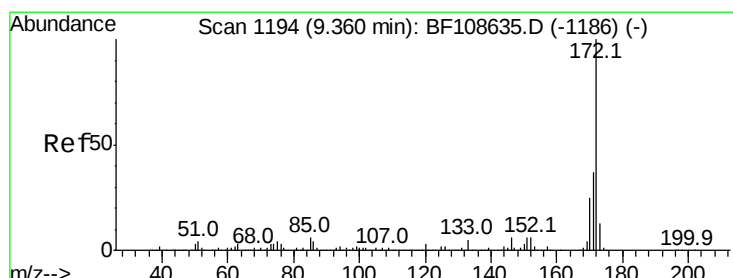
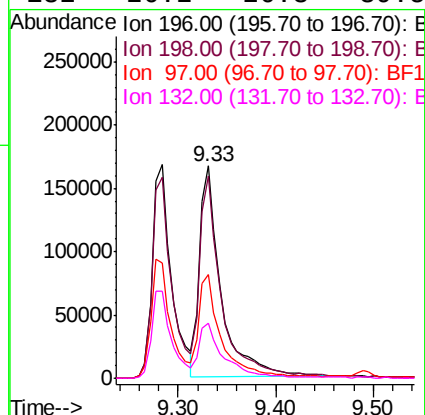
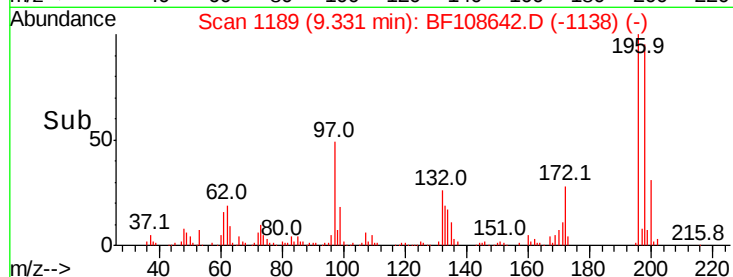
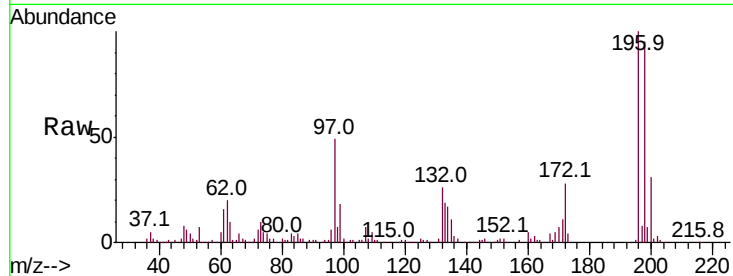
#43
2,4,5-Trichlorophenol
Concen: 38.680 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256203		
198	95.3	74.6	112.0	
97	49.2	42.9	64.3	
132	26.2	26.3	39.5#	

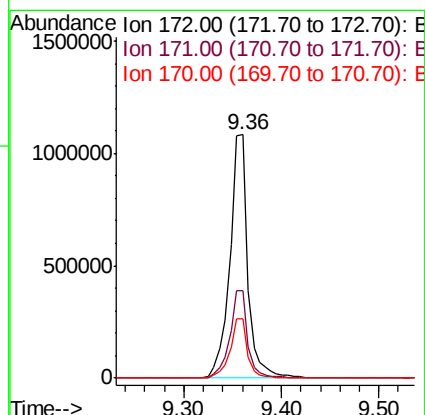
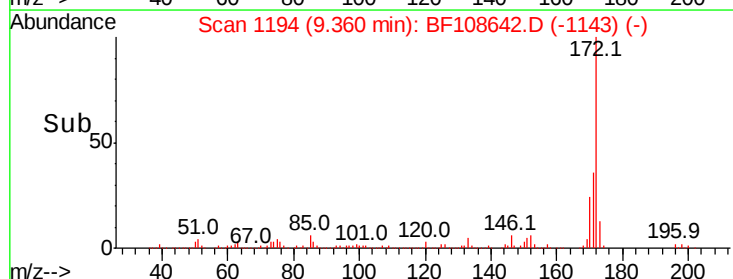
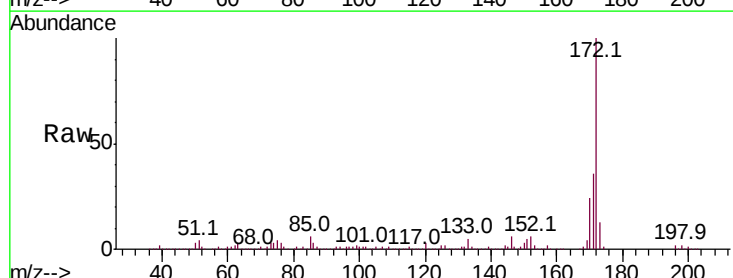
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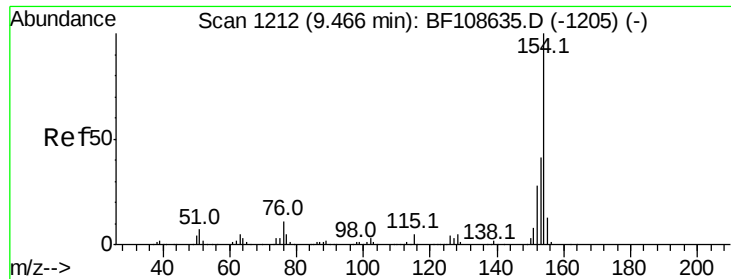
Sohil
8/31/2018 12:18:11 PM



#44
2-Fluorobiphenyl
Concen: 69.218 ng
RT: 9.36 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1390853		
171	35.9	29.7	44.5	
170	24.2	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 38.271 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

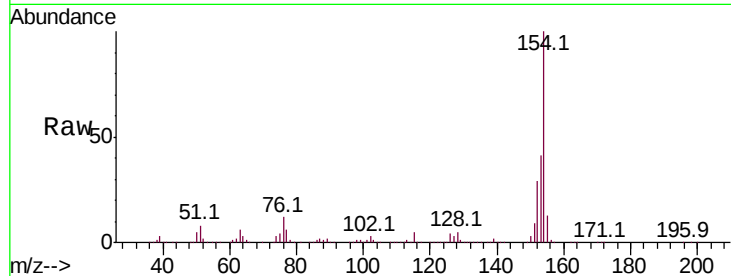
ClientSampled :

PB112486BS

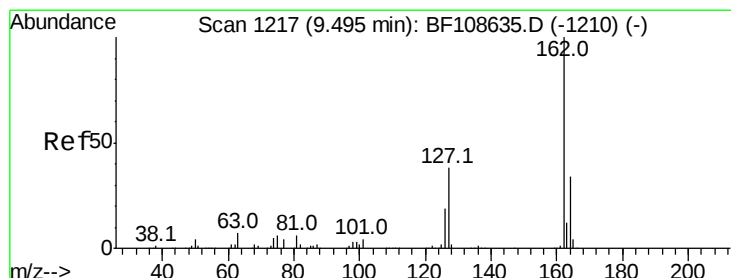
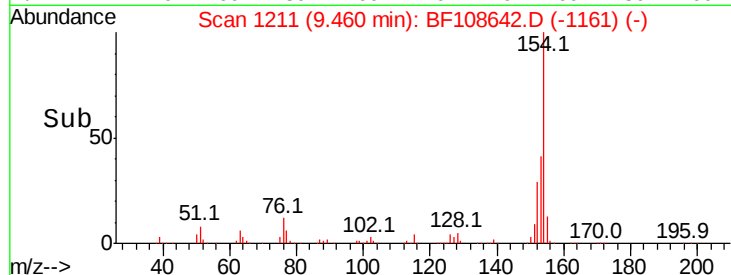
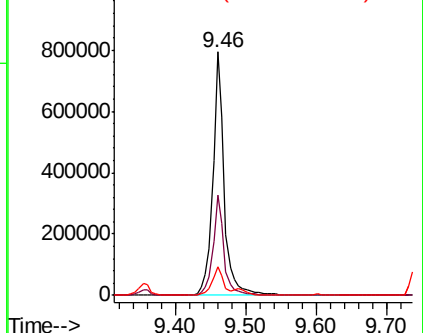
Tot Ion:	154	Resp:	900172
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	11.9	0.0	34.0

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8/31/2018 12:18:11 PM



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: 37.759 ng

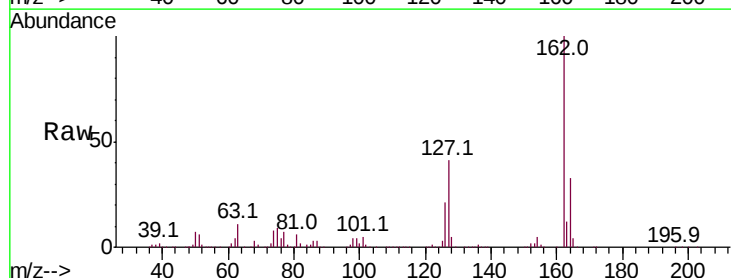
RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

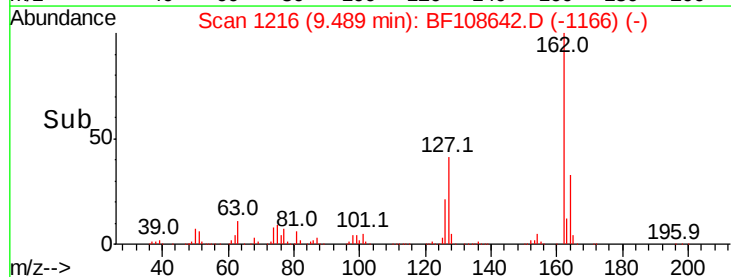
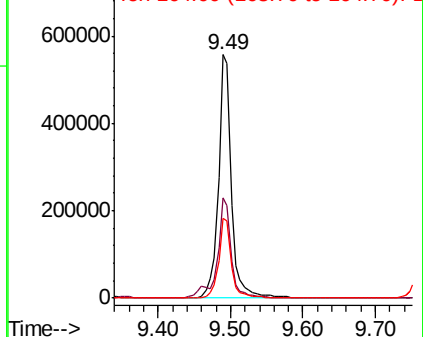
Lab File: BF108642.D

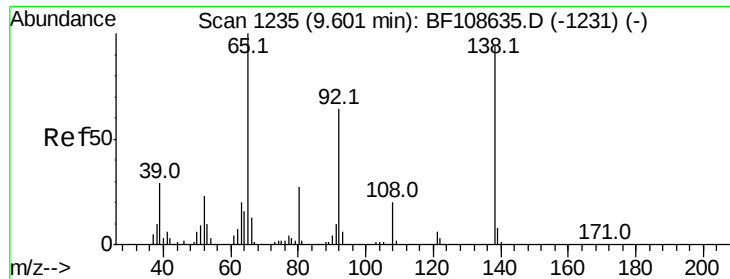
Acq: 30 Aug 2018 16:02

Tgt Ion:	162	Resp:	695288
Ion Ratio	Lower	Upper	
162	100		
127	41.0	33.9	50.9
164	32.8	26.5	39.7



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





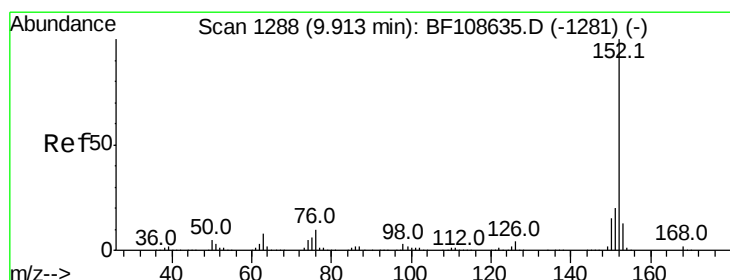
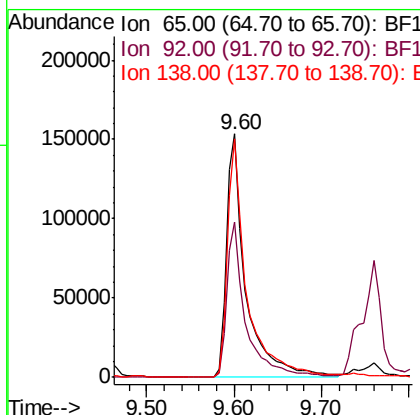
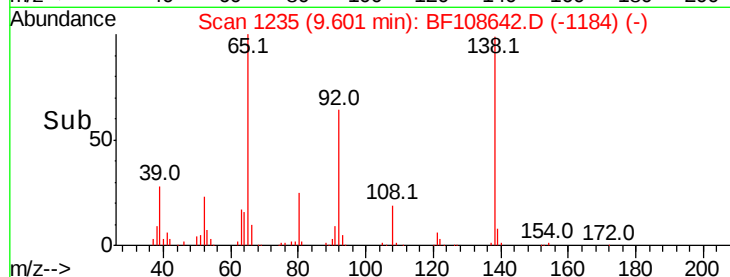
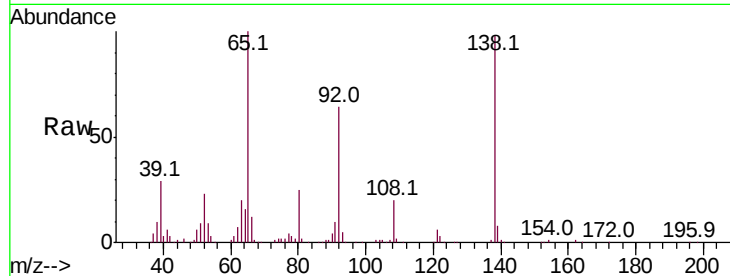
#47
2-Nitroaniline
Concen: 37.782 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	97.9	91.2	136.8

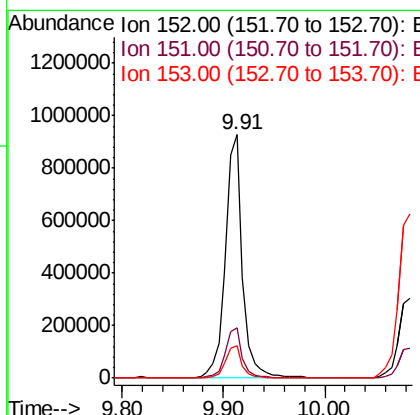
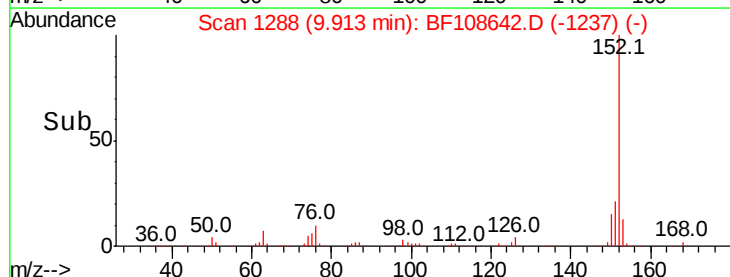
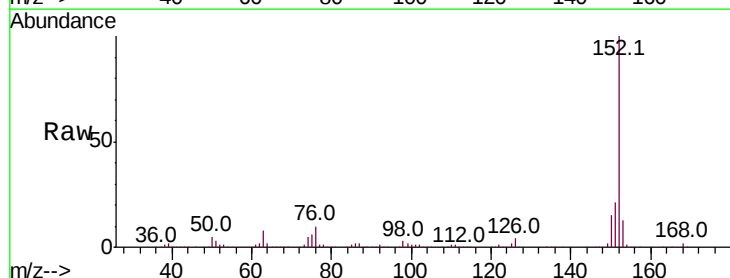
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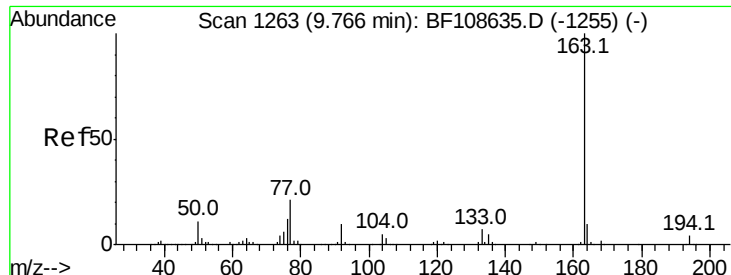
Sohil
8/31/2018 12:18:11 PM



#48
Acenaphthylene
Concen: 40.062 ng
RT: 9.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.2	10.7	16.1





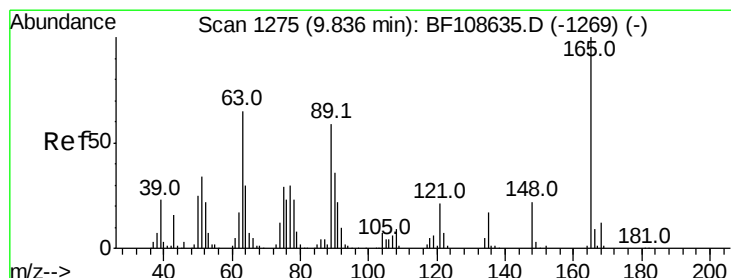
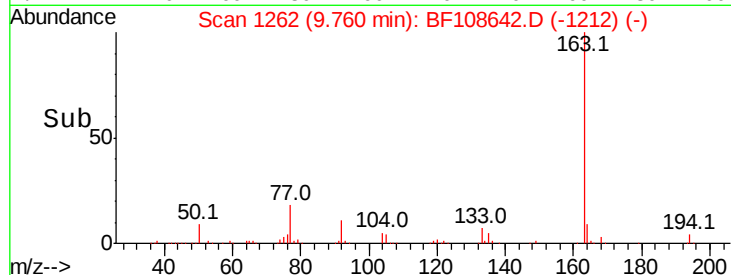
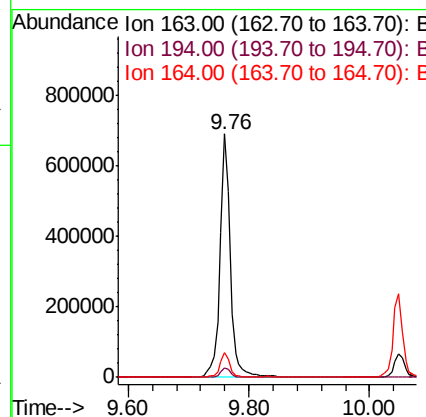
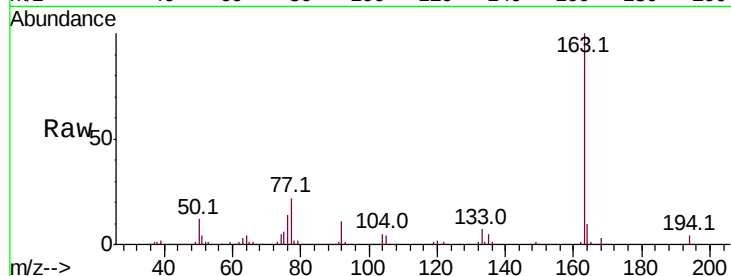
#49
 Dimethylphthalate
 Concen: 38.264 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.2	8.2	12.2	

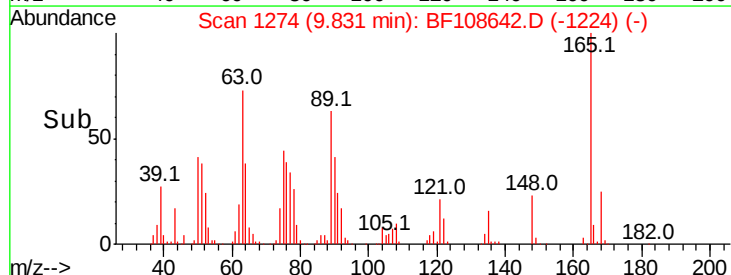
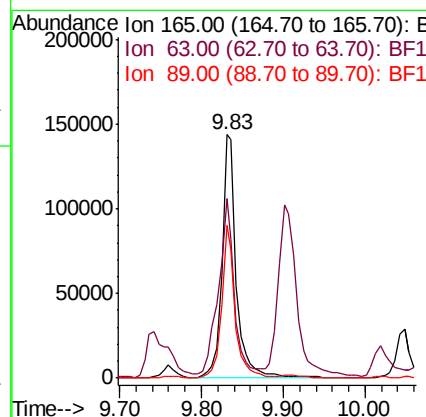
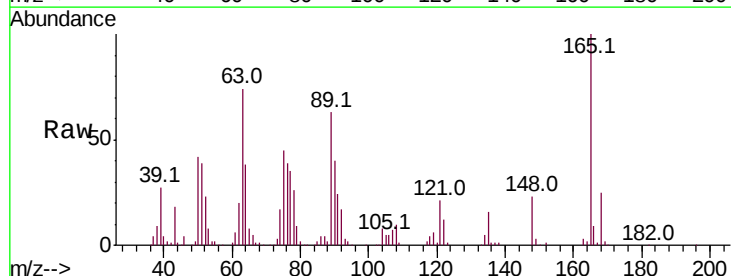
Manual Integrations
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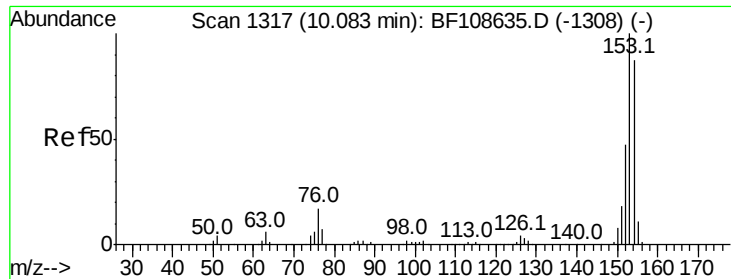
Sohil
 8/31/2018 12:18:11 PM



#50
 2,6-Dinitrotoluene
 Concen: 37.997 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.6	44.7	67.1#	
89	62.8	44.0	66.0	





#51

Acenaphthene

Concen: 38.045 ng

RT: 10.08 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB112486BS

Tot Ion:154 Resp: 613230

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

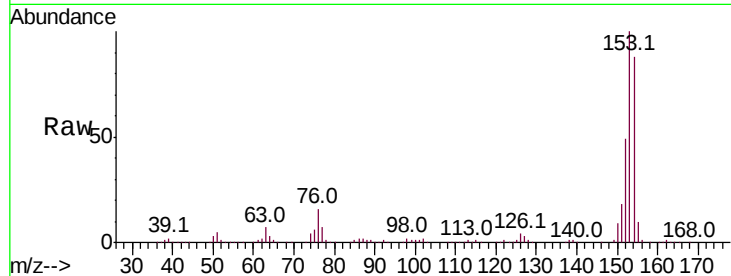
152 55.2 43.8 65.8

Manual Integrations

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Sohil

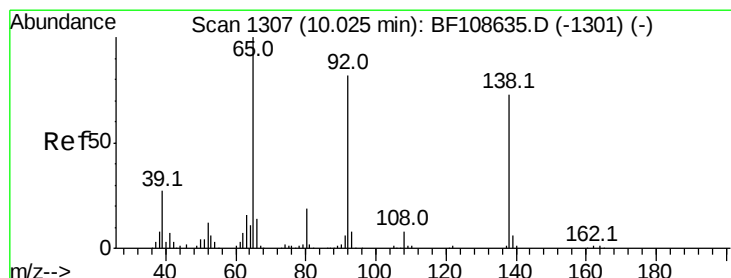
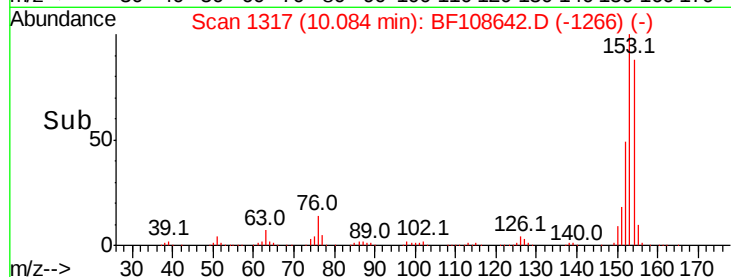
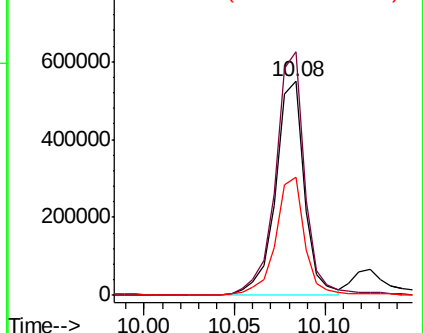
8/31/2018 12:18:11 PM



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: 26.949 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

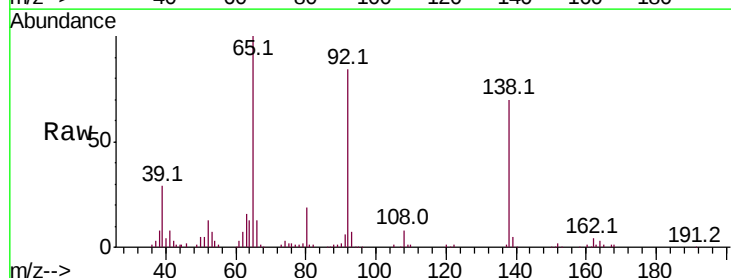
Tgt Ion:138 Resp: 136718

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

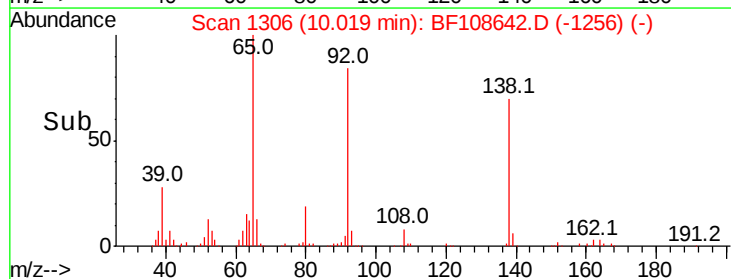
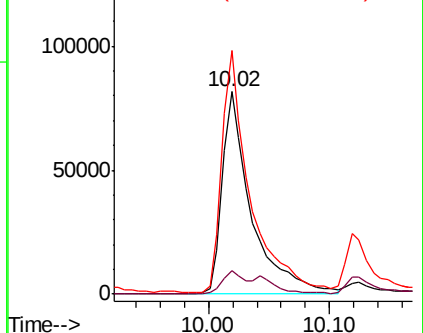
92 120.2 89.4 134.2

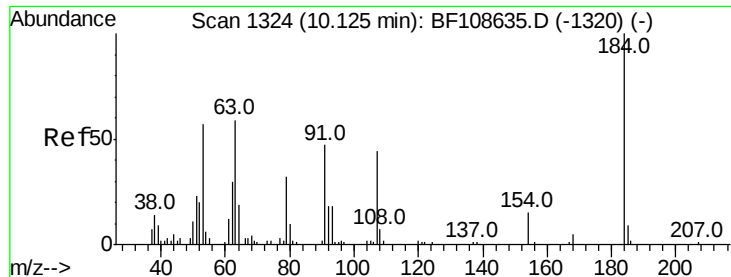


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





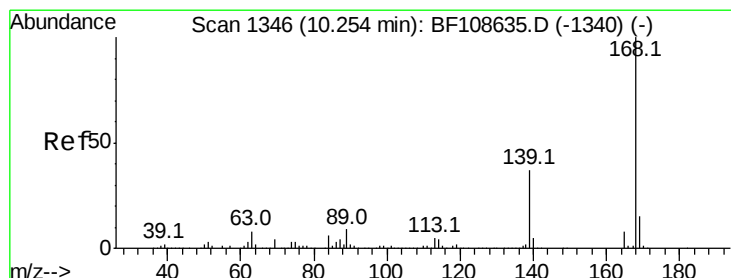
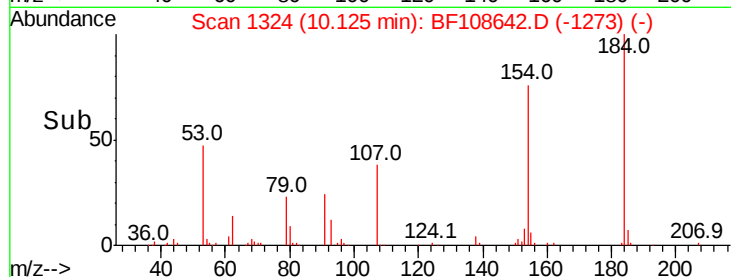
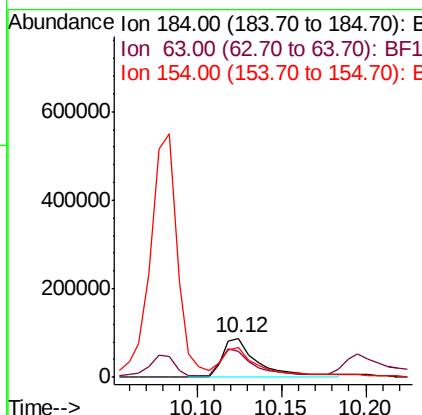
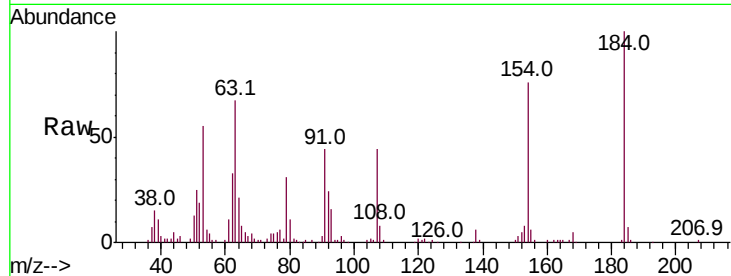
#53
 2,4-Dinitrophenol
 Concen: 82.657 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	131807		
63	67.4	54.2	81.2	
154	75.6	184.0	276.0	

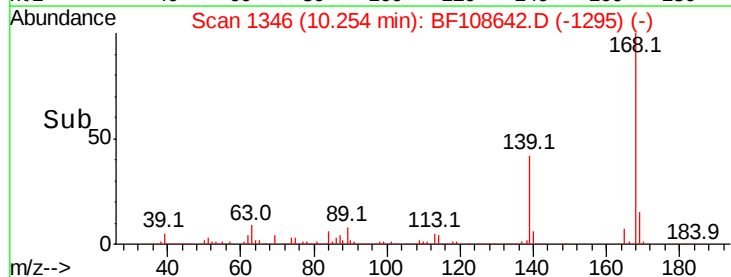
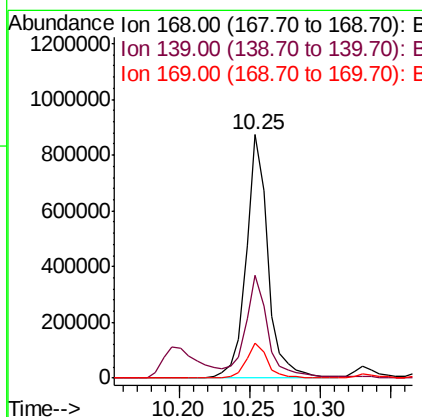
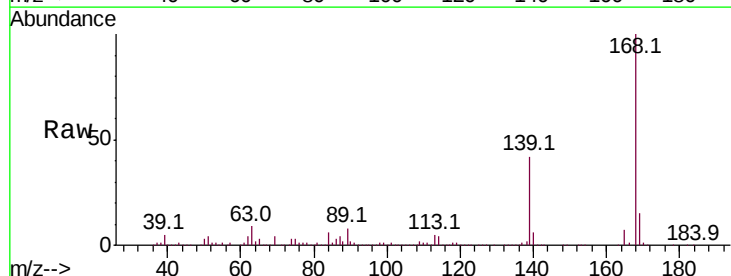
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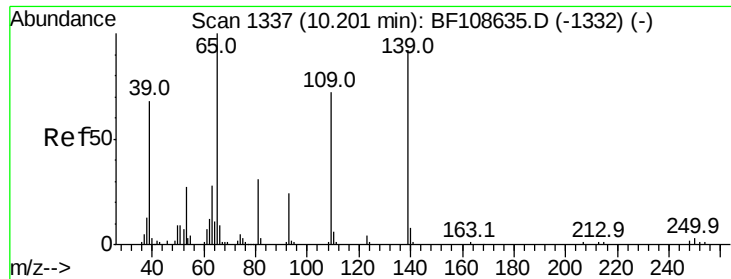
Sohil
 8/31/2018 12:18:11 PM



#54
 Dibenzofuran
 Concen: 37.283 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	940346		
139	42.4	30.1	45.1	
169	14.6	10.9	16.3	





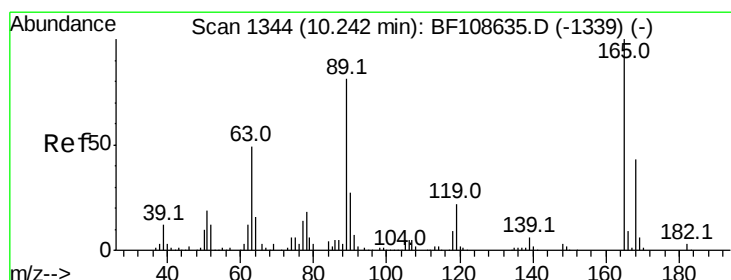
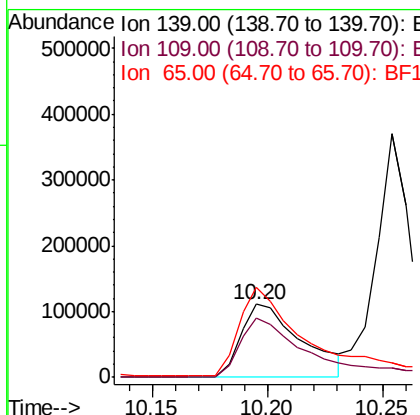
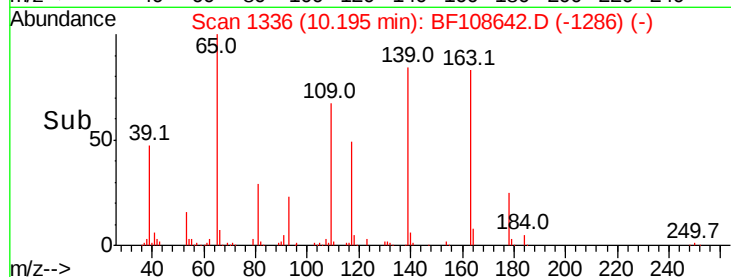
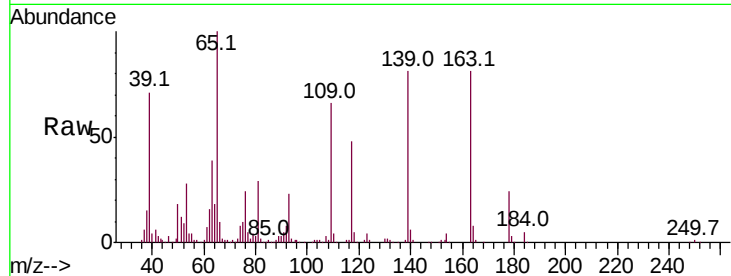
#55
4-Nitrophenol
Concen: 63.373 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.3	48.4	88.4
65	123.2	72.6	112.6#

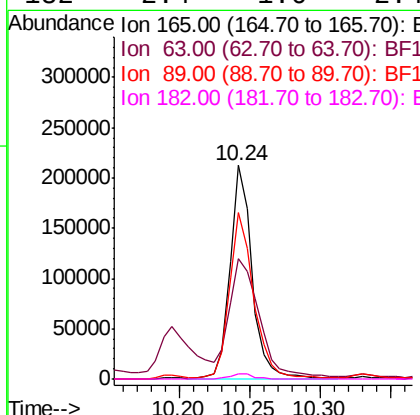
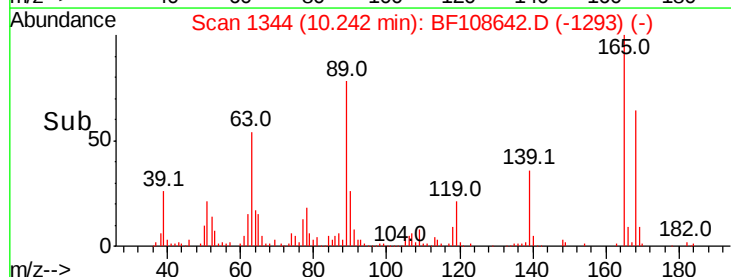
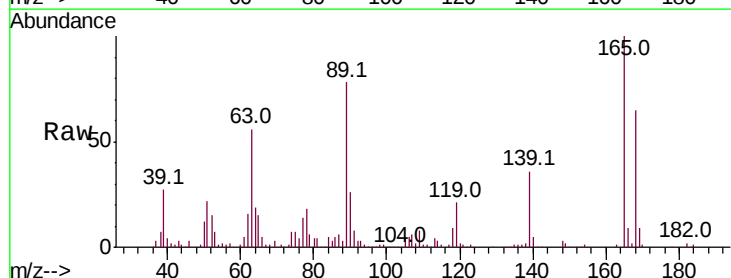
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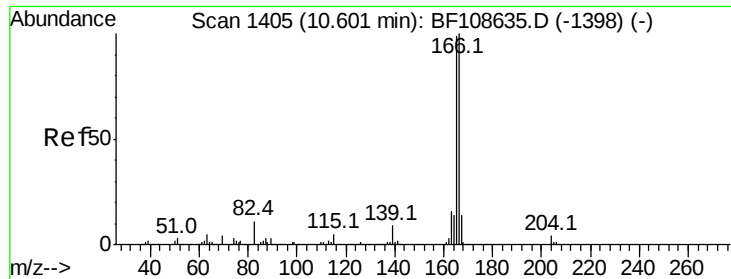
Sohil
8/31/2018 12:18:11 PM



#56
2,4-Dinitrotoluene
Concen: 36.796 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.5	36.4	54.6#
89	78.2	57.8	86.6
182	2.4	1.6	2.4#





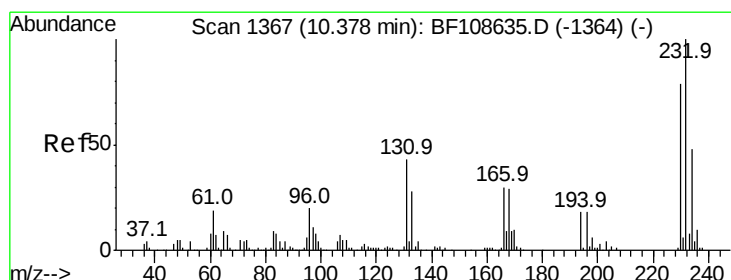
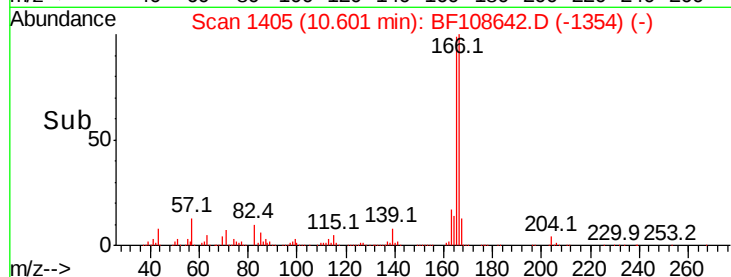
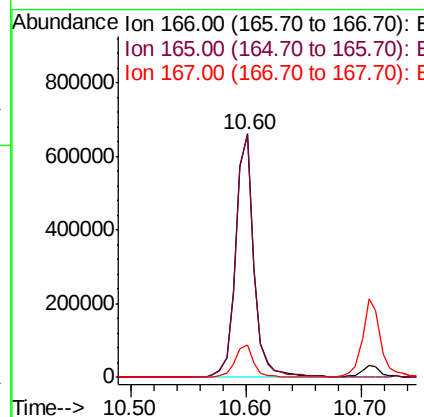
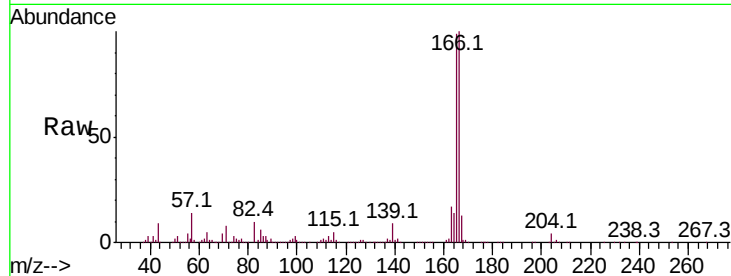
#57
Fluorene
 Concen: 36.850 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.5	10.6	16.0

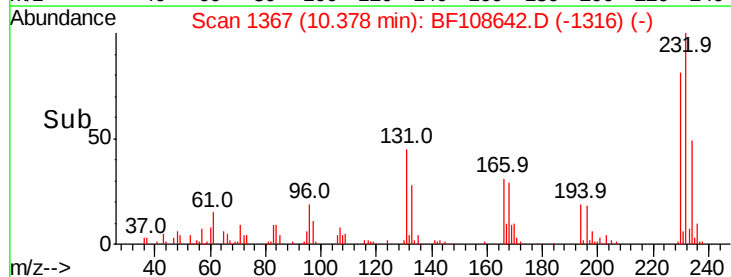
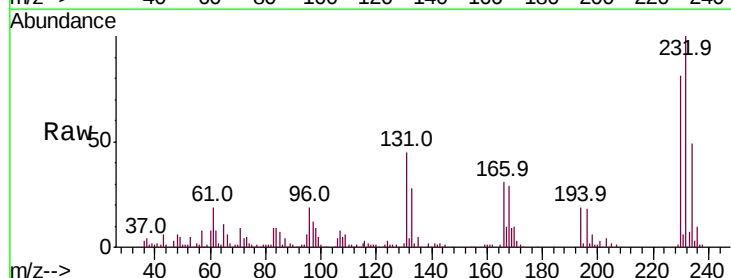
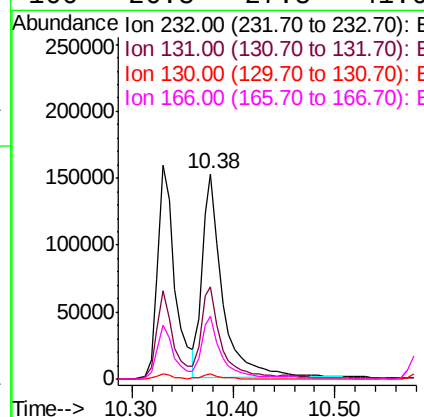
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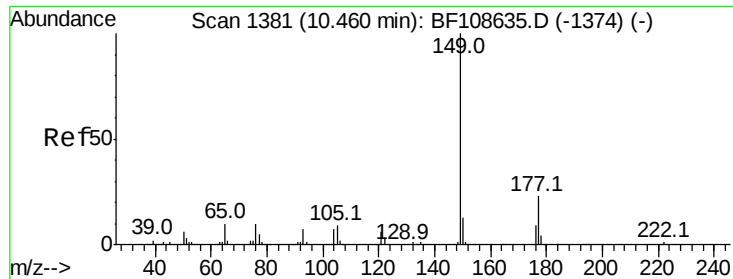
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.010 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.5	43.8	65.8#
130	2.5	2.1	3.1
166	26.8	27.8	41.6#





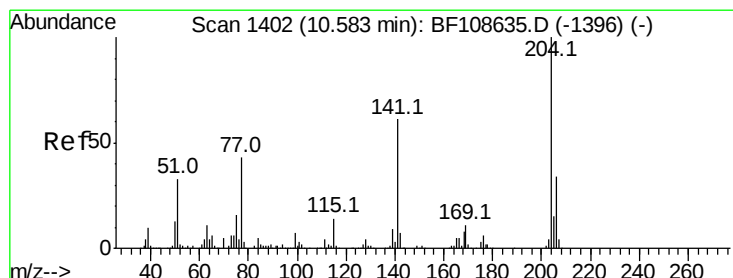
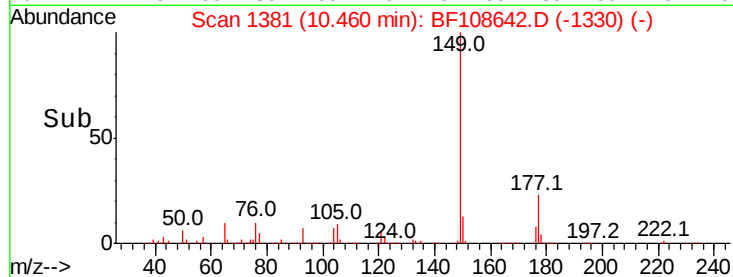
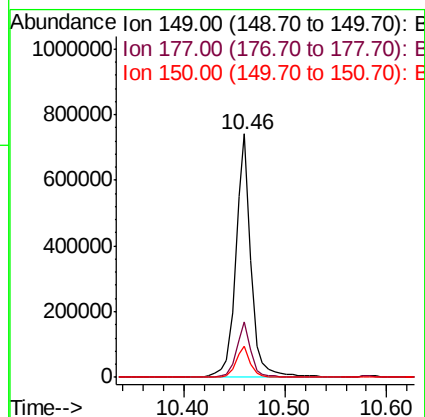
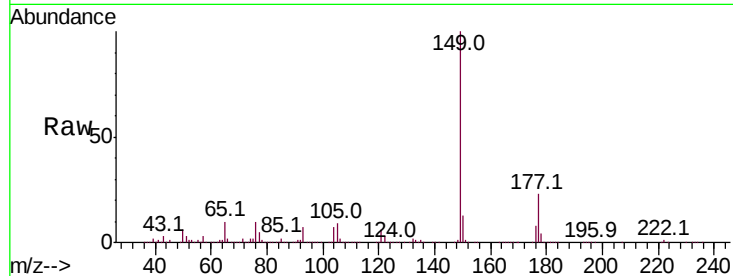
#59
Diethylphthalate
Concen: 35.927 ng
RT: 10.46 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampled :
PB112486BS

Tot Ion:	149	Resp:	770083
Ion Ratio	Lower	Upper	
149	100		
177	22.8	16.1	24.1
150	12.8	10.1	15.1

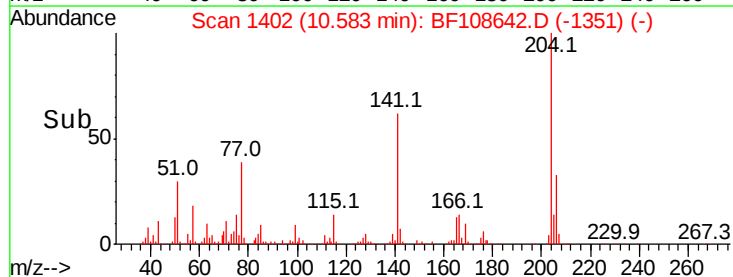
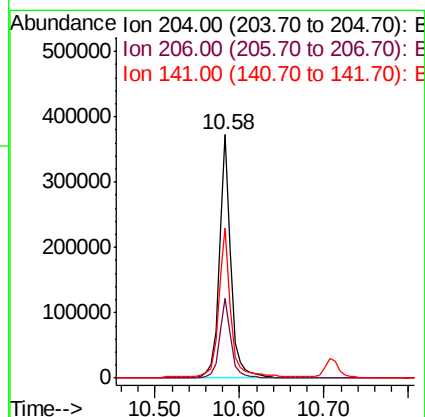
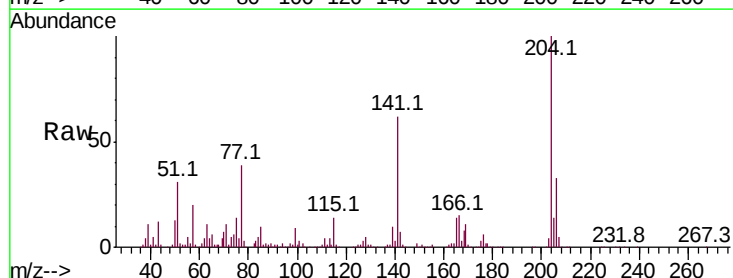
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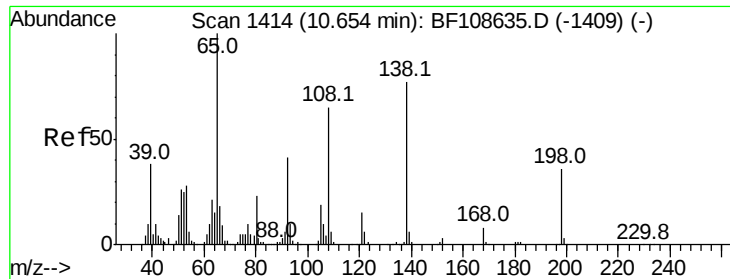
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.199 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion:	204	Resp:	368230
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	61.8	54.6	81.8





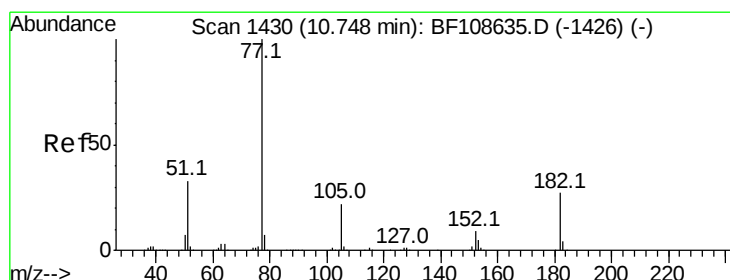
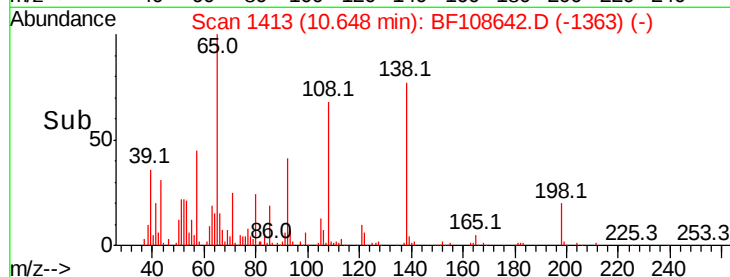
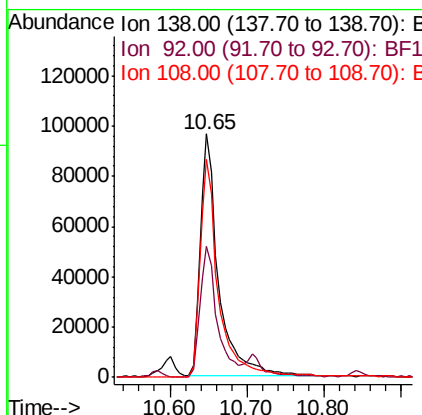
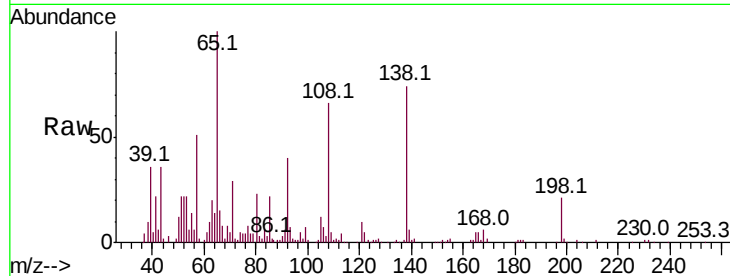
#61
4-Nitroaniline
Concen: 32.450 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	30.2	70.2
108	89.6	52.5	92.5

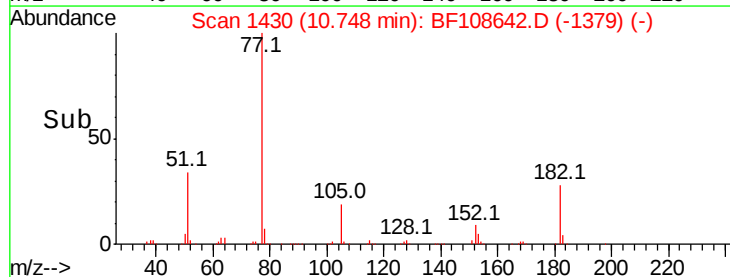
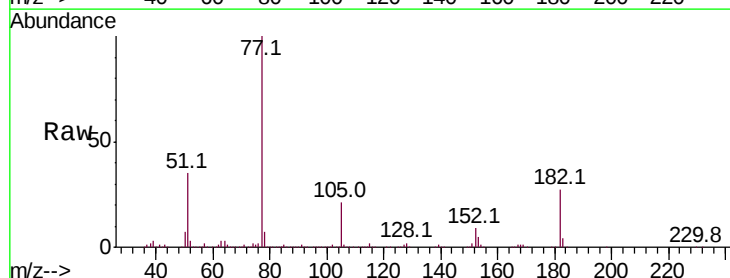
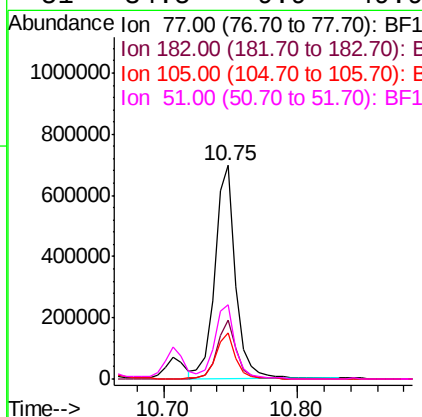
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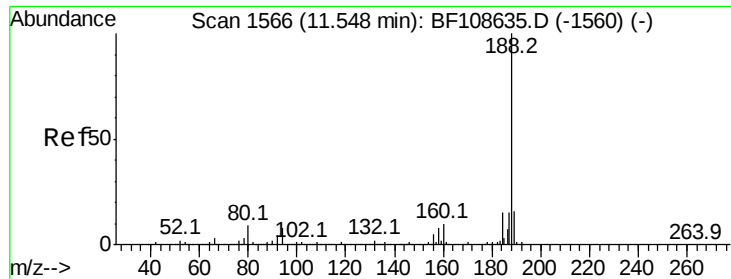
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#62
Azobenzene
Concen: 35.435 ng
RT: 10.75 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	1.7	41.7
105	21.3	3.0	43.0
51	34.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

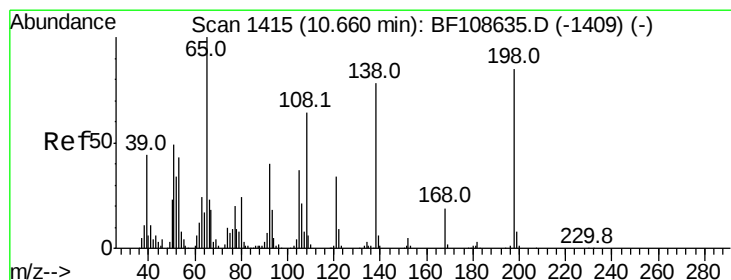
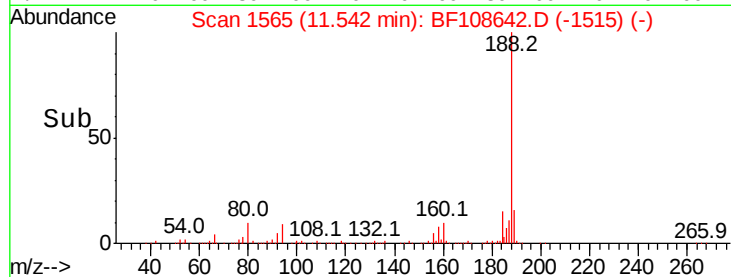
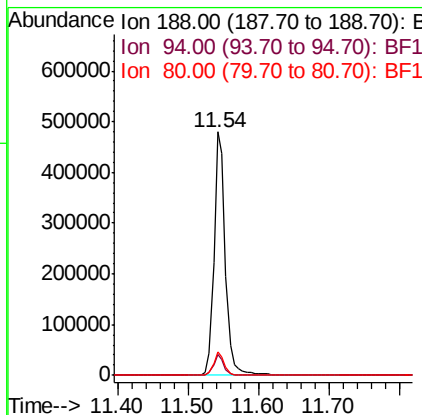
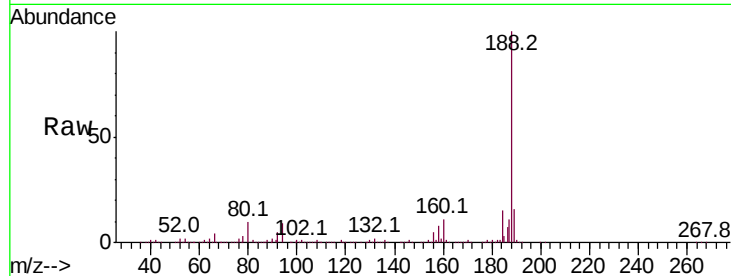
ClientSampleId :

PB112486BS

Tot Ion:	188	Resp:	539070
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.9	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 35.672 ng

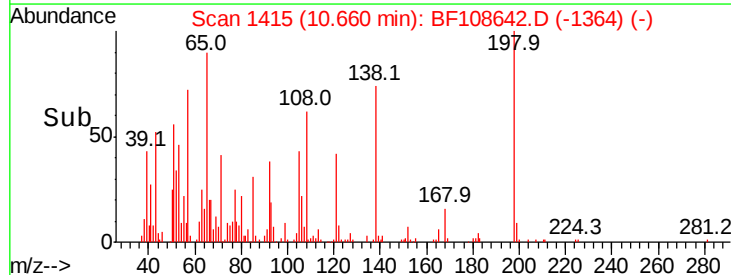
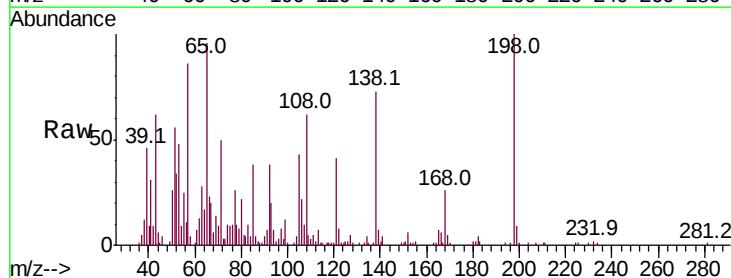
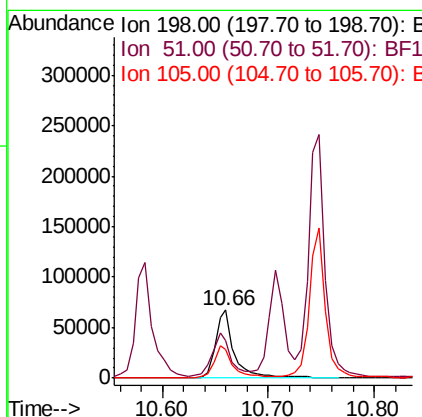
RT: 10.66 min Scan# 1415

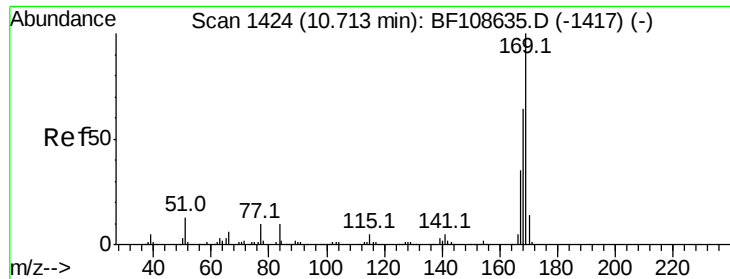
Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Tgt Ion:	198	Resp:	85326
Ion Ratio	Lower	Upper	
198	100		
51	55.6	37.7	77.7
105	42.5	36.3	76.3





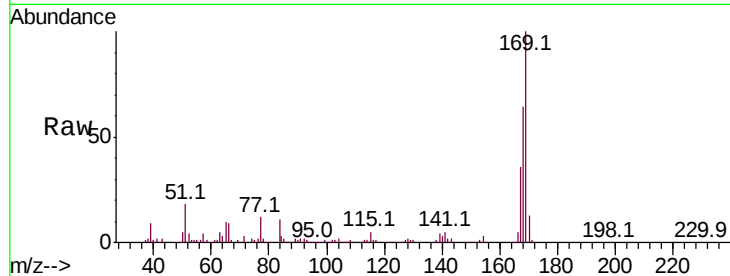
#65
 n-Nitrosodiphenylamine
 Concen: 36.121 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

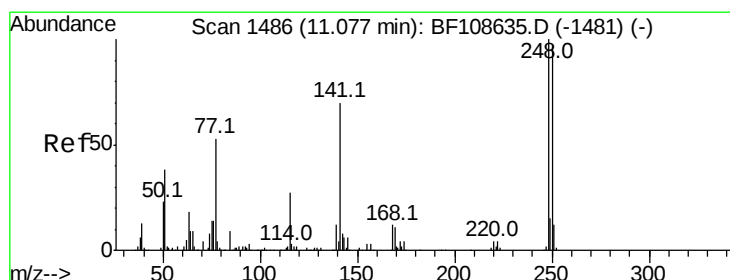
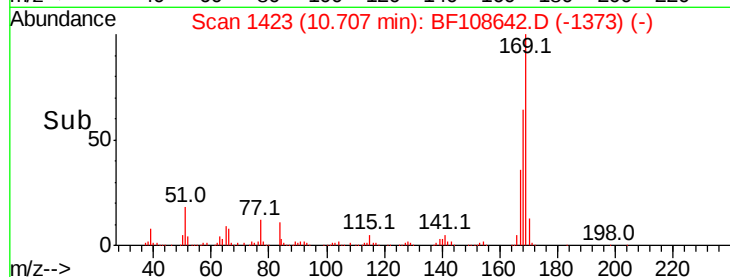
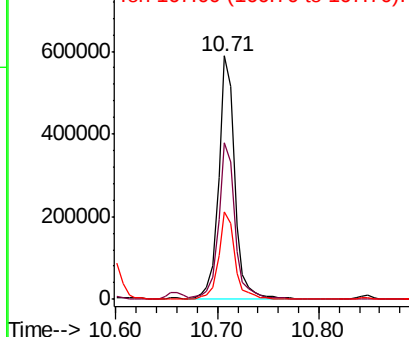
Tot Ion	Ratio	Resp	Lower	Upper
169	100	646923		
168	64.4		54.4	81.6
167	36.0		29.8	44.6

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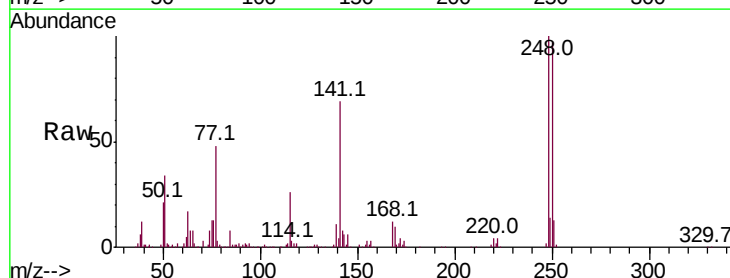


Abundance Ion 169.00 (168.70 to 169.70): E
 800000
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

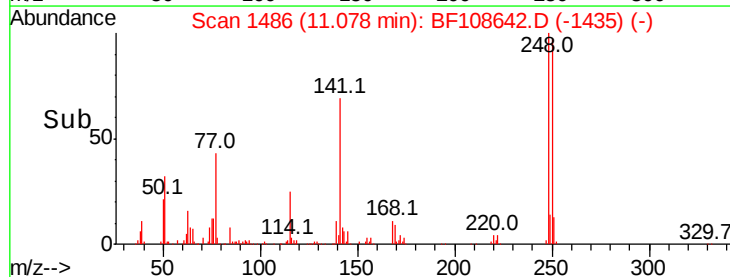
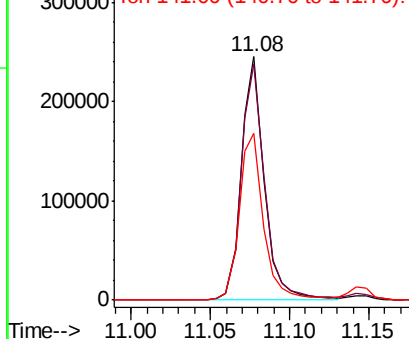


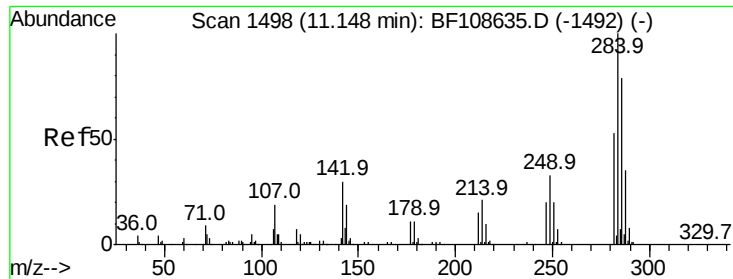
#66
 4-Bromophenyl-phenylether
 Concen: 37.117 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245913		
250	96.9		76.9	115.3
141	68.8		74.4	111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 300000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.746 ng

RT: 11.15 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

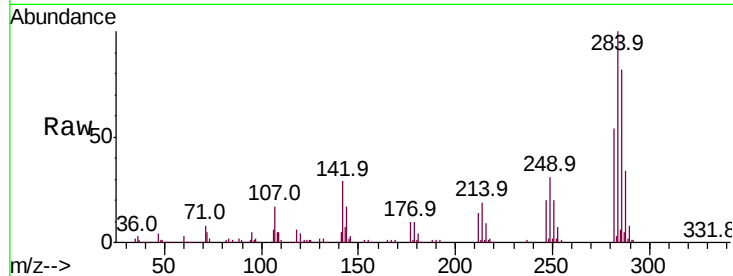
ClientSampleId :

PB112486BS

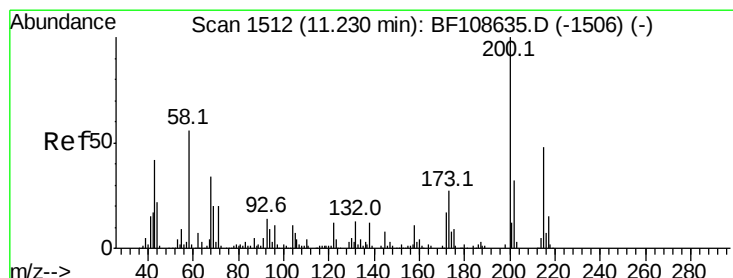
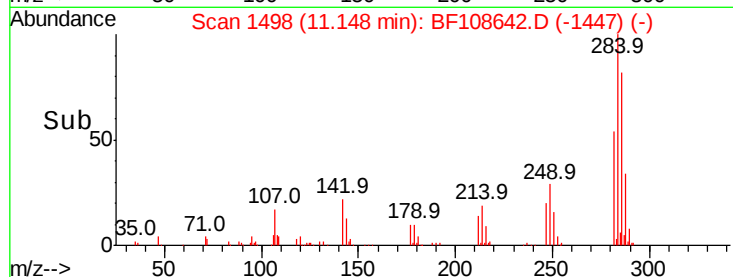
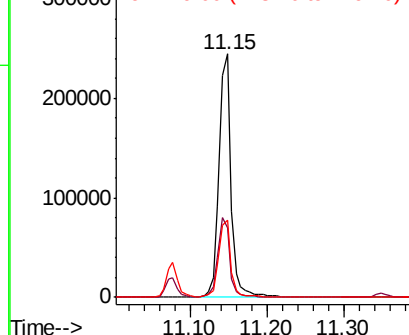
Tot Ion:	284	Resp:	262285
Ion Ratio	Lower	Upper	
284	100		
142	28.6	34.6	52.0#
249	31.5	24.8	37.2

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



#68

Atrazine

Concen: 46.439 ng

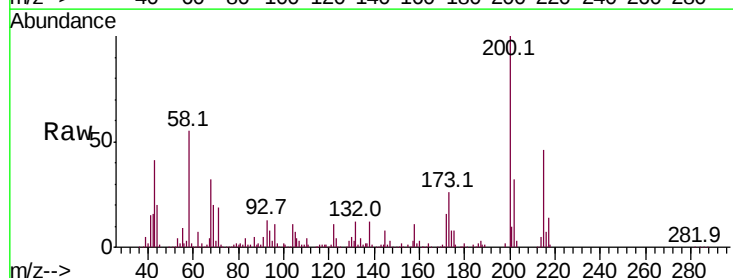
RT: 11.23 min Scan# 1512

Delta R.T. 0.00 min

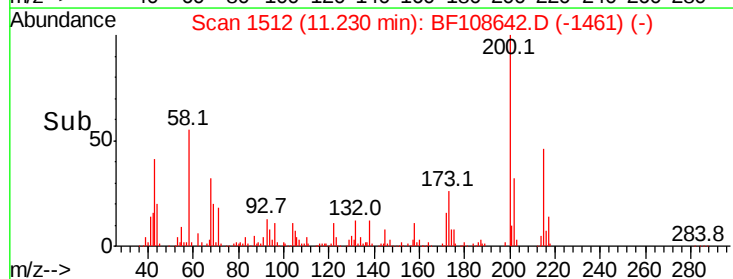
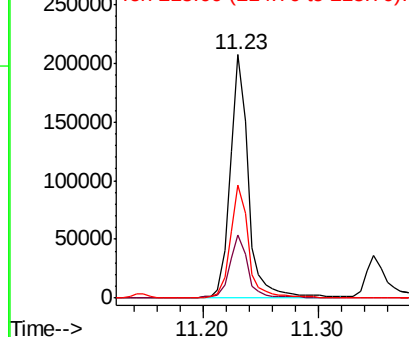
Lab File: BF108642.D

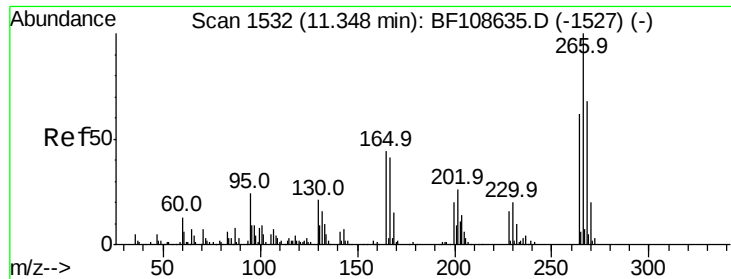
Acq: 30 Aug 2018 16:02

Tgt Ion:	200	Resp:	227111
Ion Ratio	Lower	Upper	
200	100		
173	25.7	8.6	48.6
215	46.2	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





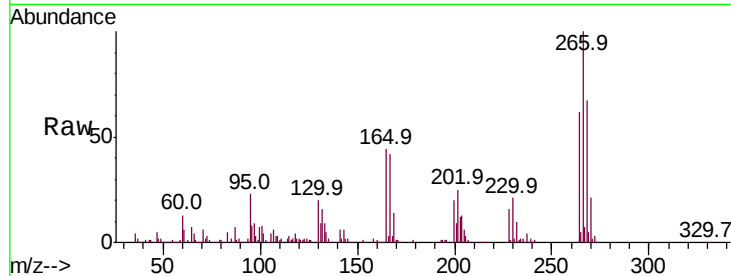
#69
 Pentachlorophenol
 Concen: 68.480 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	259733		
268	67.4		51.1	76.7
264	62.2		49.5	74.3

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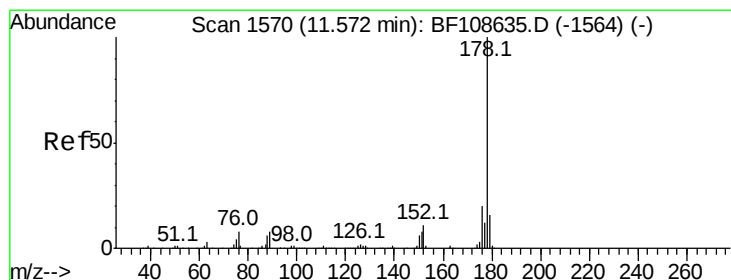
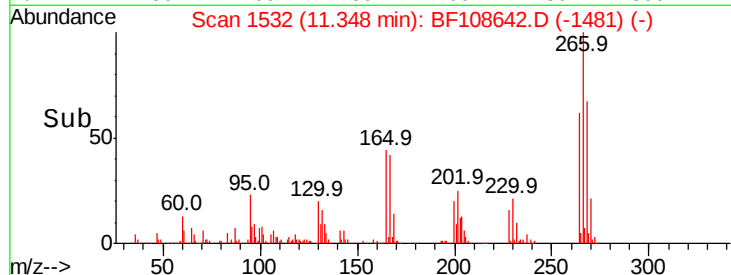
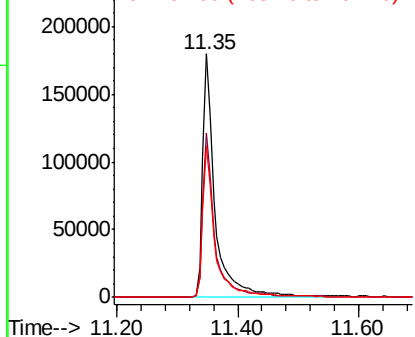


Abundance

Ion 265.70 (265.40 to 266.40): E

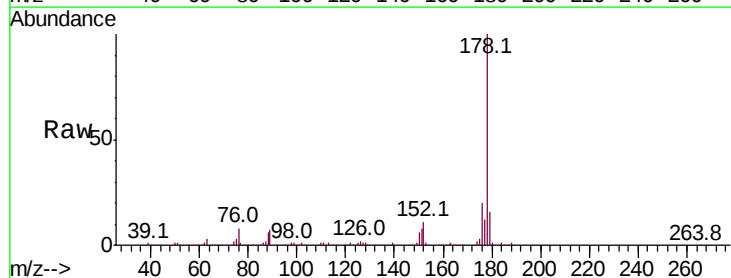
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.340 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1097628		
176	20.2		15.8	23.8
179	15.8		13.0	19.6

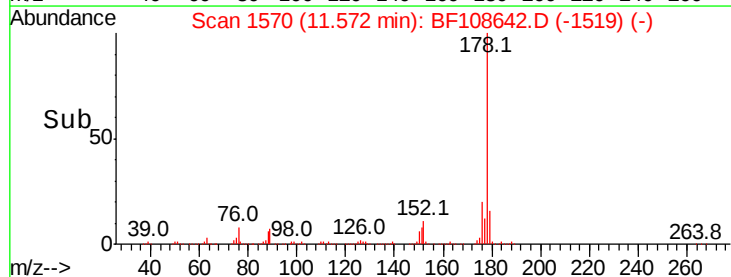
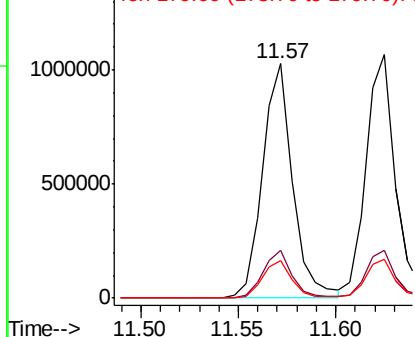


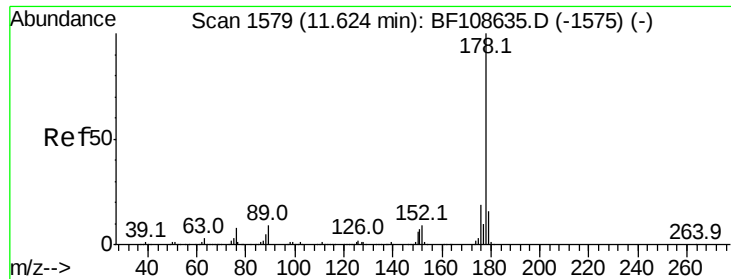
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





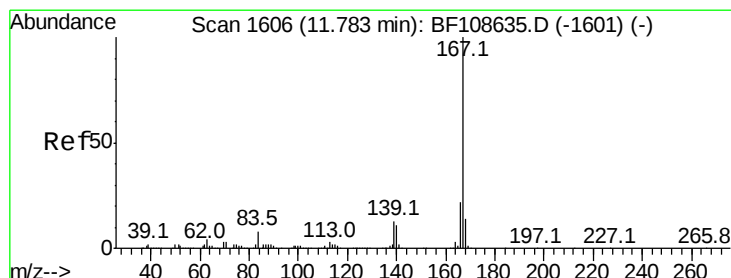
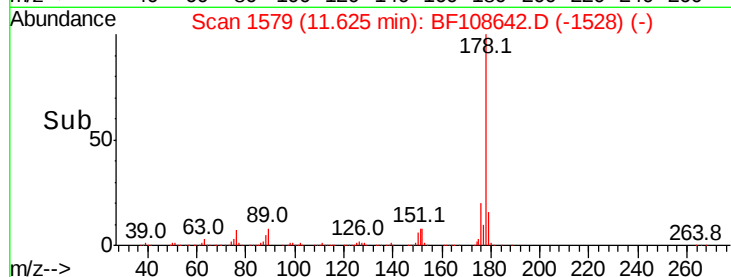
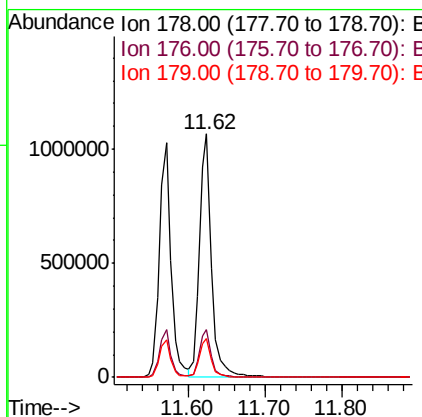
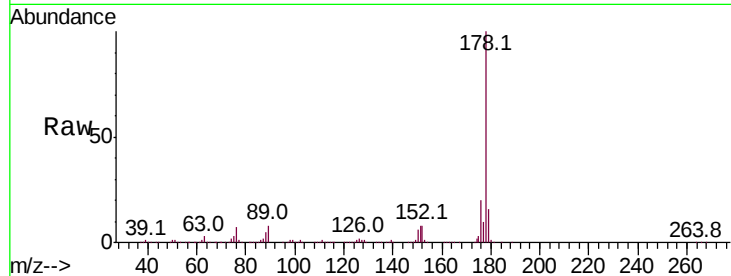
#71
 Anthracene
 Concen: 40.771 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

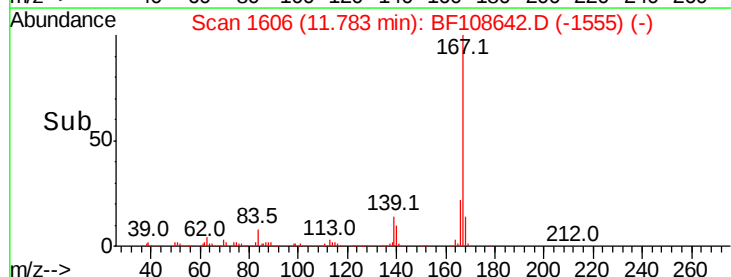
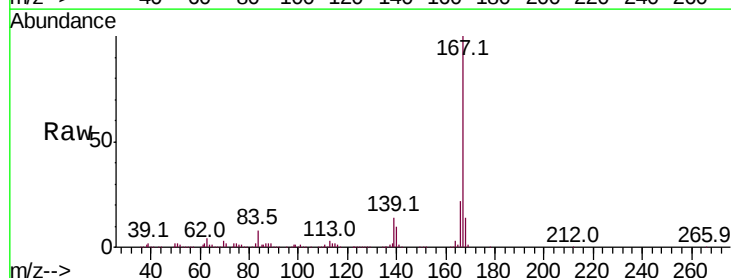
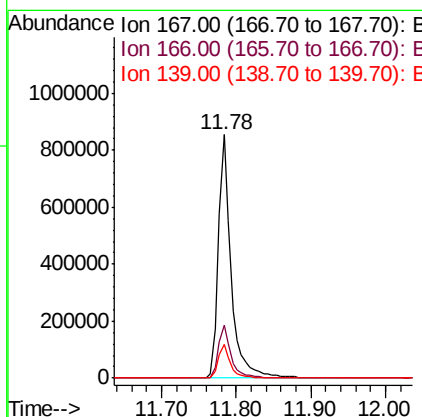
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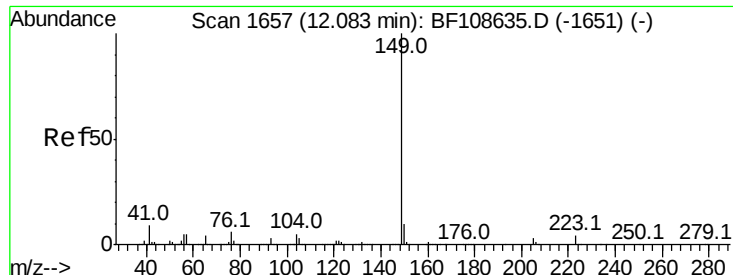
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#72
 Carbazole
 Concen: 36.505 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.7	10.9	16.3





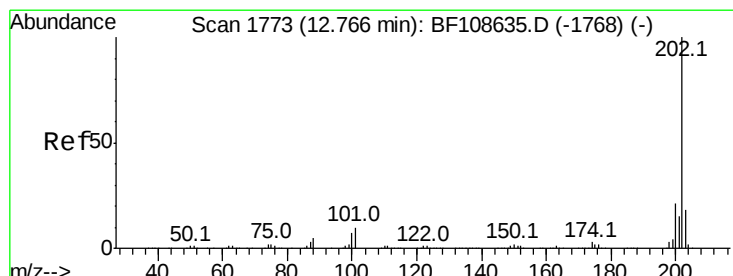
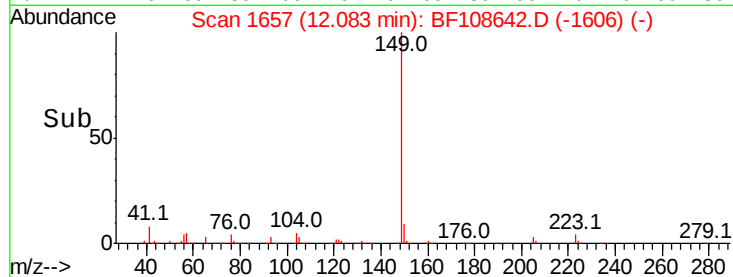
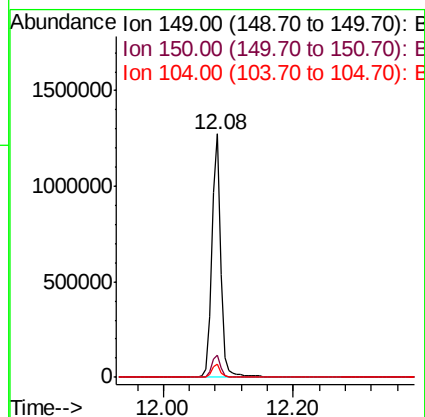
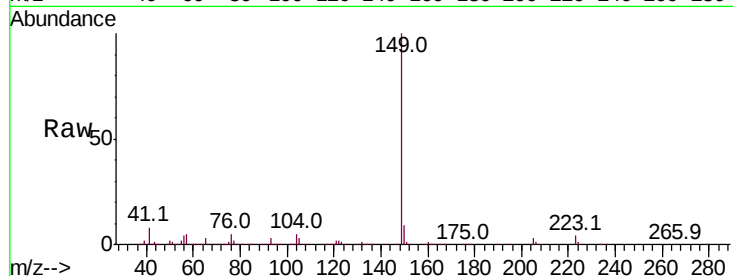
#73
Di-n-butylphthalate
Concen: 37.779 ng
RT: 12.08 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.3	3.8	5.8

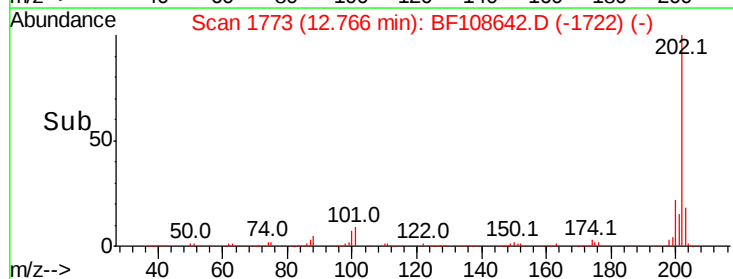
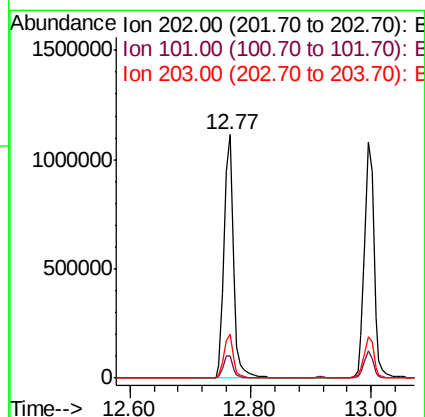
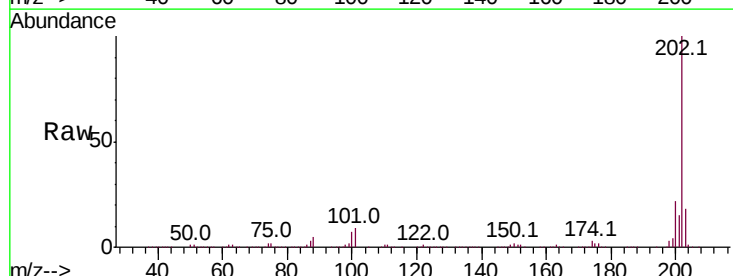
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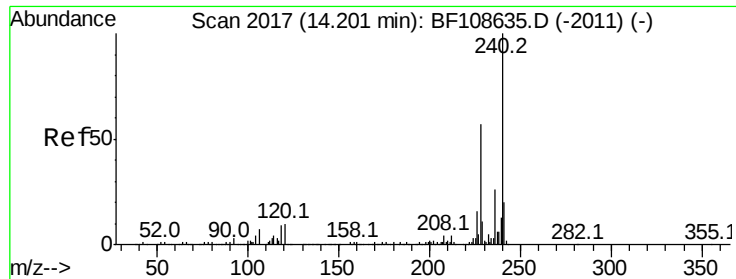
Sohil
8/31/2018 12:18:11 PM



#74
Fluoranthene
Concen: 38.633 ng
RT: 12.77 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

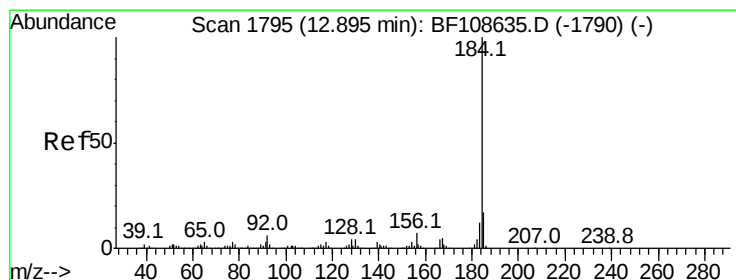
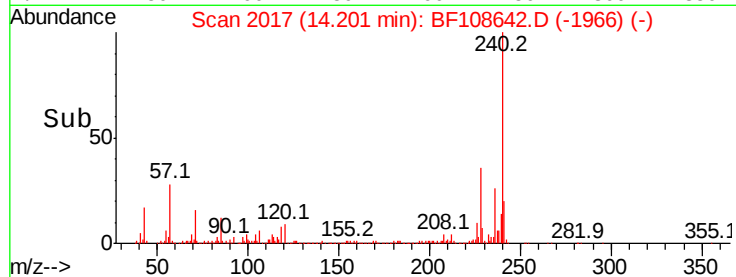
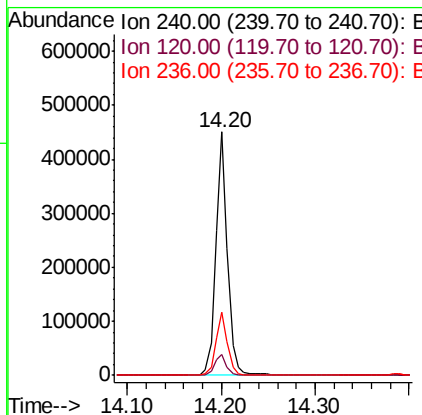
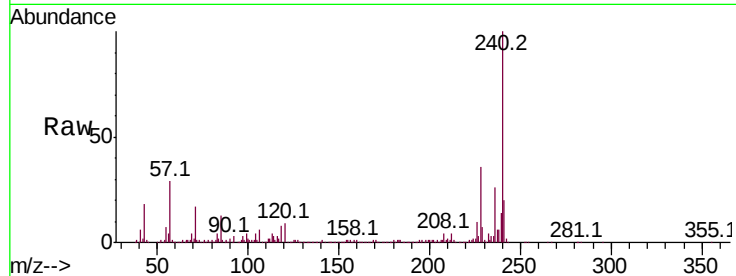
ClientSampleId :

PB112486BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.6	9.5	14.3#	
236	25.8	20.7	31.1	

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#76

Benzidine

Concen: 49.006 ng

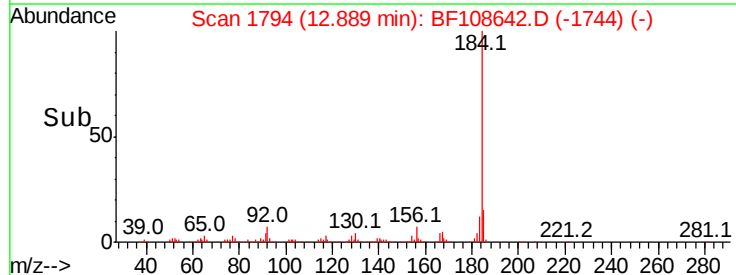
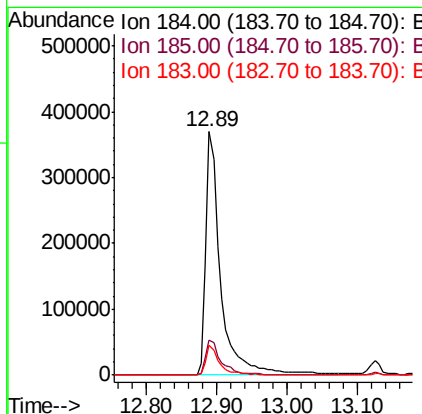
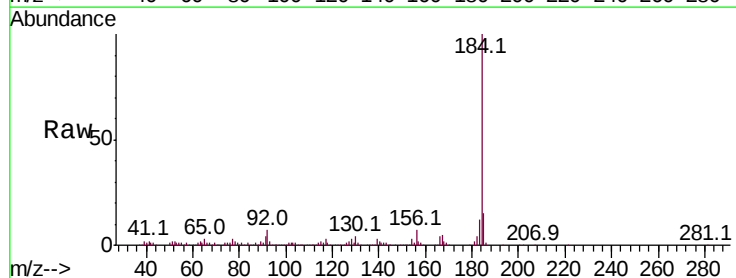
RT: 12.89 min Scan# 1794

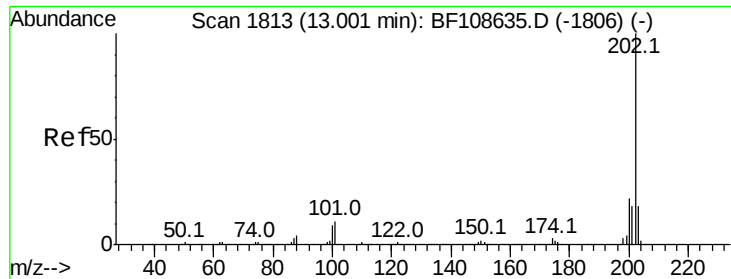
Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	12.6	18.8	
183	12.0	9.3	13.9	





#77

Pvrene

Concen: 39.587 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

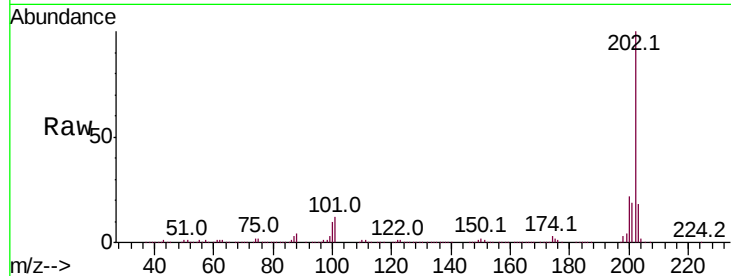
ClientSampleId :

PB112486BS

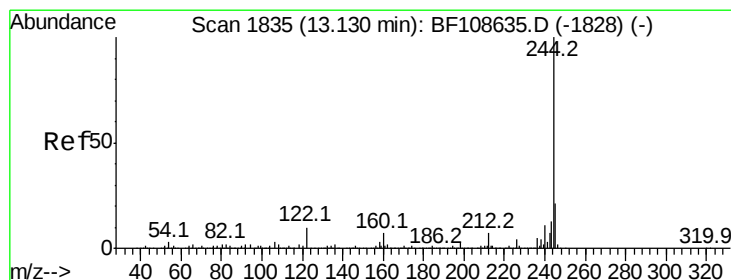
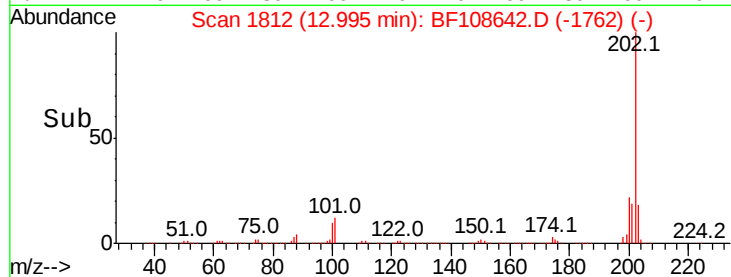
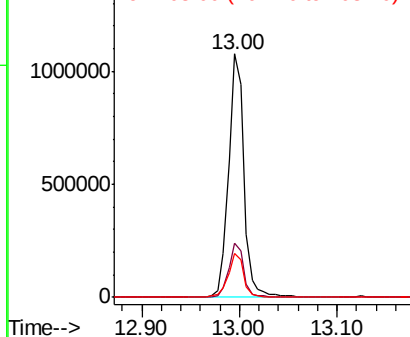
Tot Ion:	202	Resp:	1174487
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.797 ng

RT: 13.12 min Scan# 1834

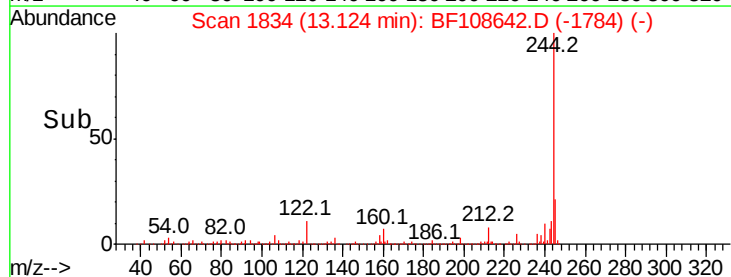
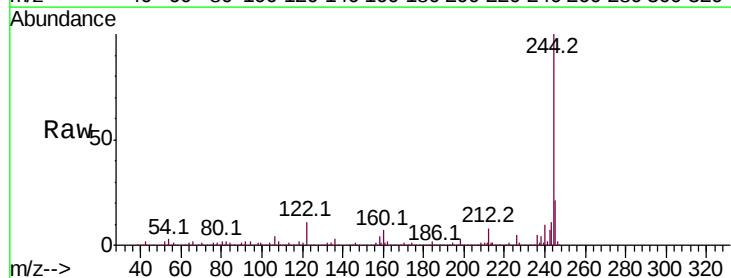
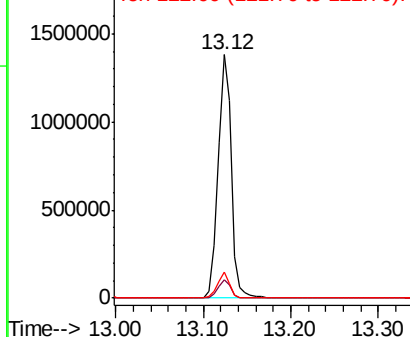
Delta R.T. -0.01 min

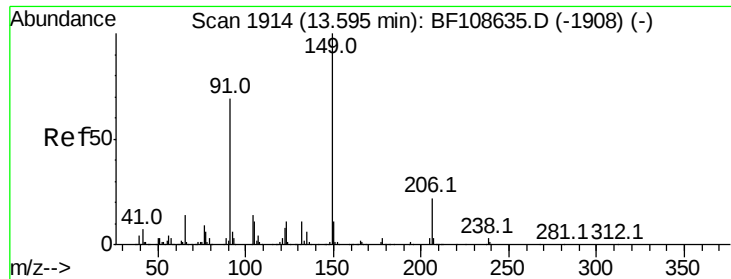
Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Tgt Ion:	244	Resp:	1458412
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	10.6	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.632 ng

RT: 13.59 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

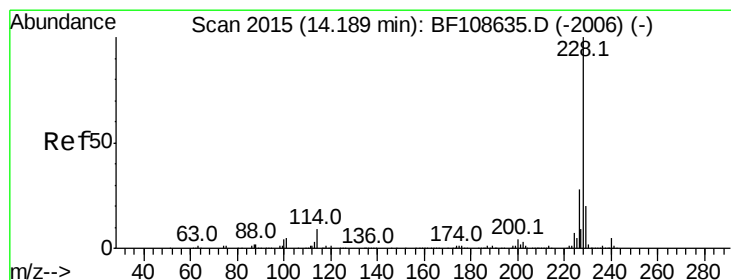
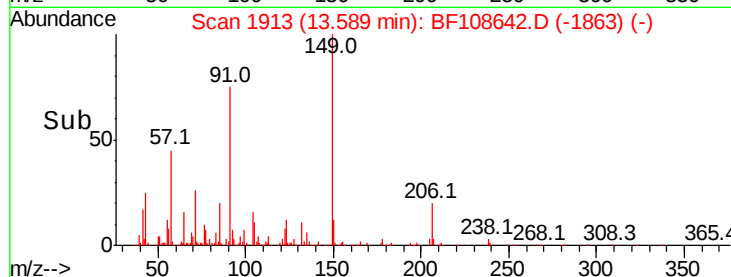
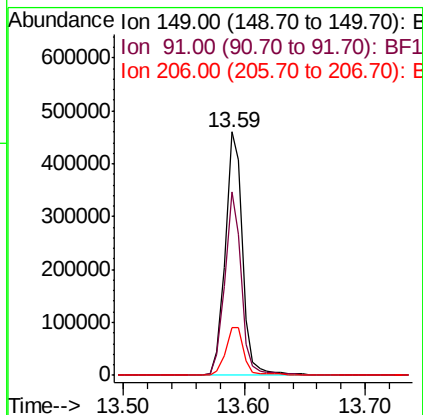
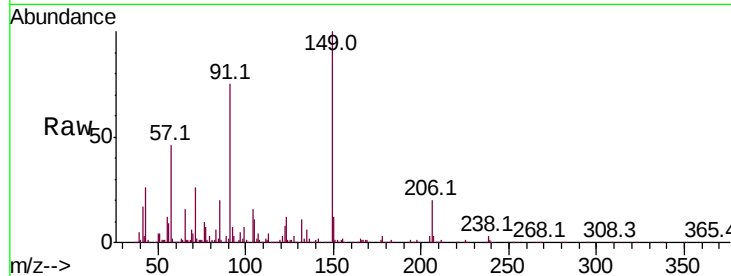
ClientSampleId :

PB112486BS

Tot Ion:	149	Resp:	457006
Ion Ratio	Lower	Upper	
149	100		
91	75.4	56.8	85.2
206	19.7	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 39.936 ng

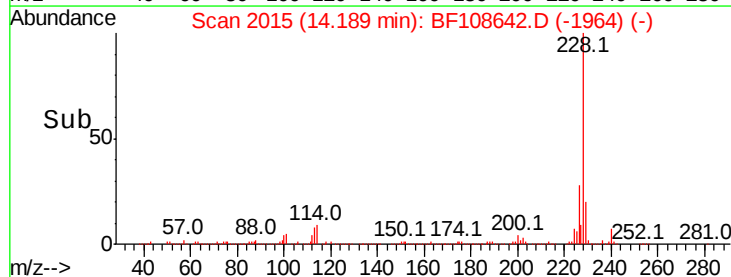
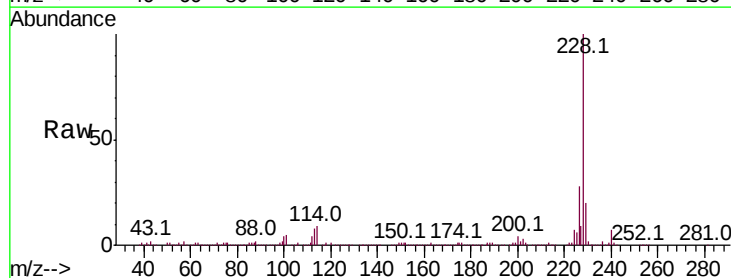
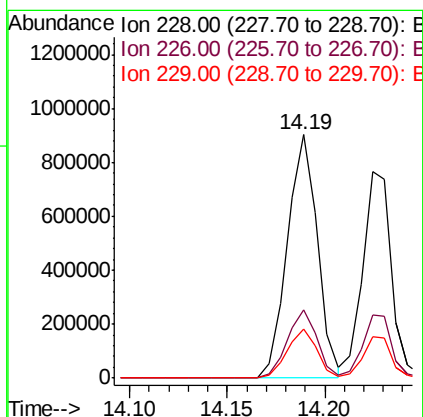
RT: 14.19 min Scan# 2015

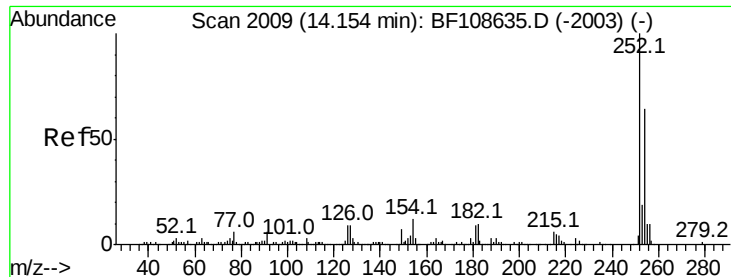
Delta R.T. 0.00 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Tgt Ion:	228	Resp:	960874
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.4	15.8	23.6





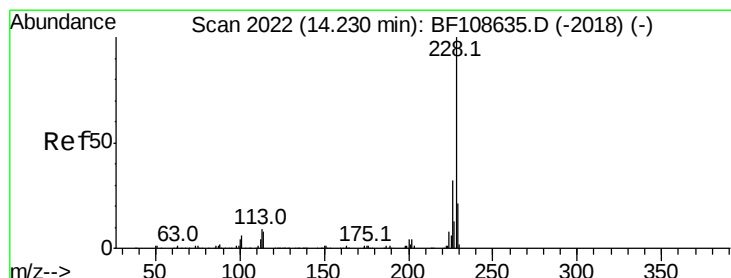
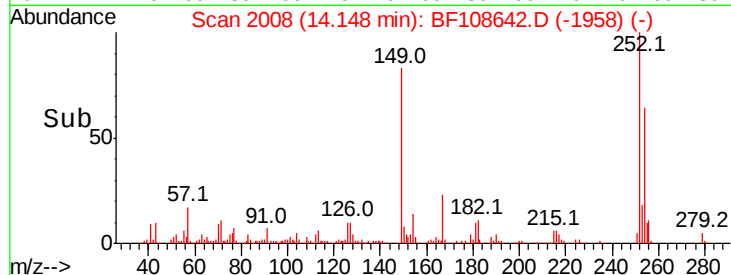
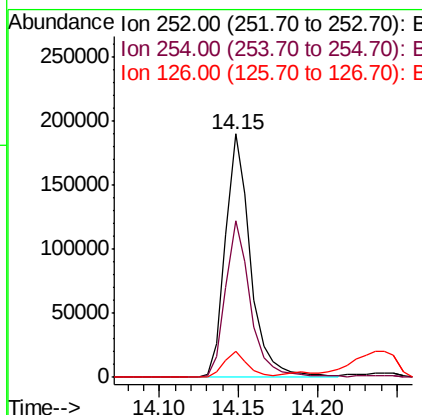
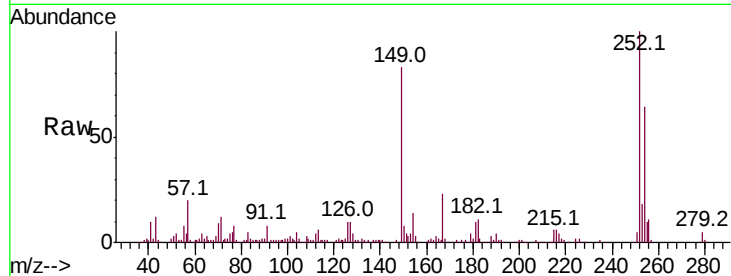
#81
 3,3'-Dichlorobenzidine
 Concen: 23.989 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	50.4	75.6
126	10.4	11.3	16.9

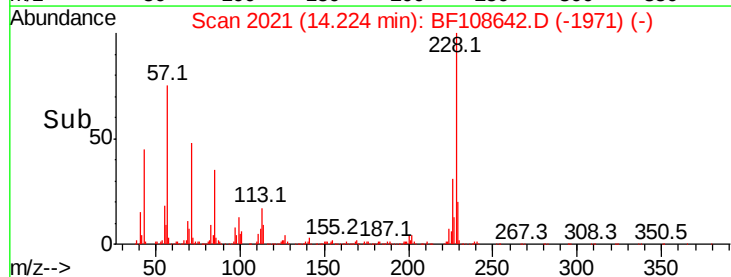
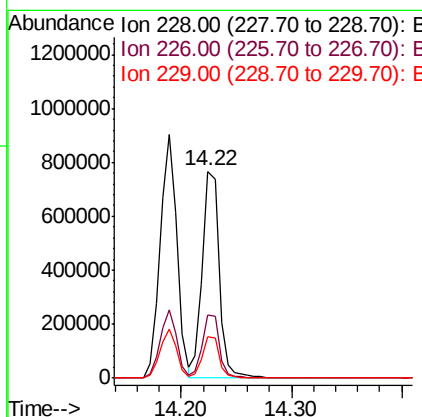
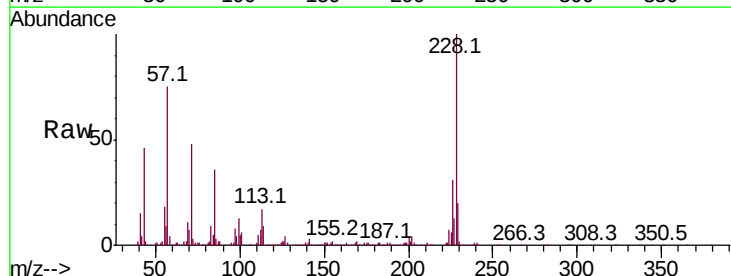
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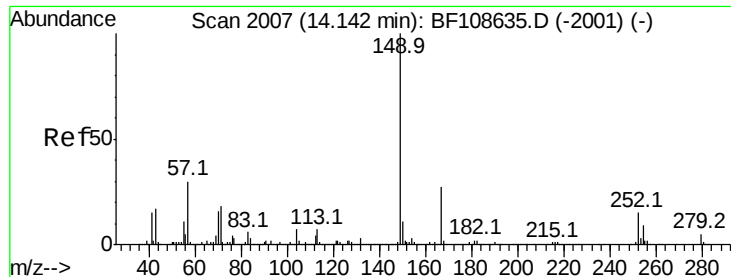
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#82
 Chrysene
 Concen: 34.348 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.666 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Instrument :

BNA_F

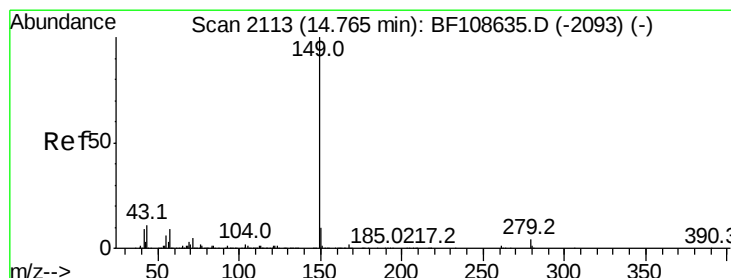
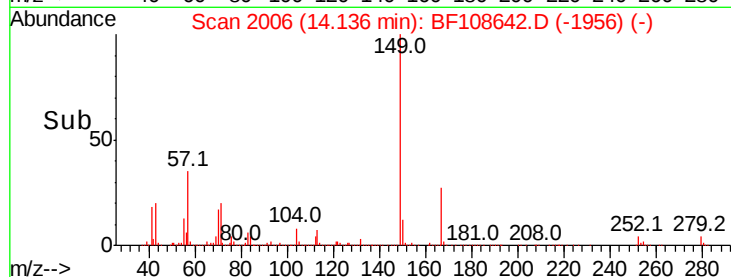
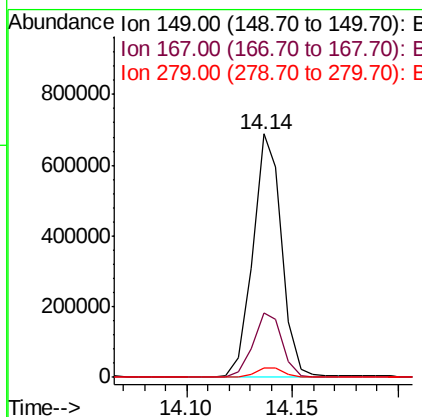
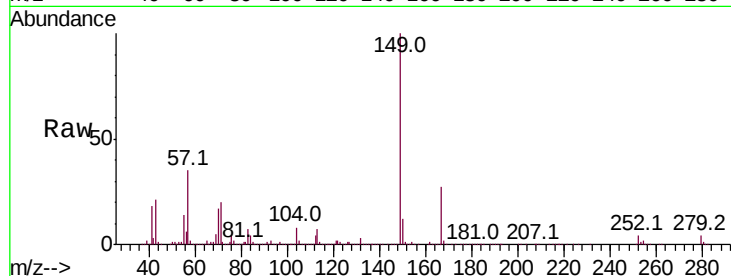
ClientSampleId :

PB112486BS

Tot Ion:	149	Resp:	652092
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.3	31.9
279	3.9	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 40.487 ng

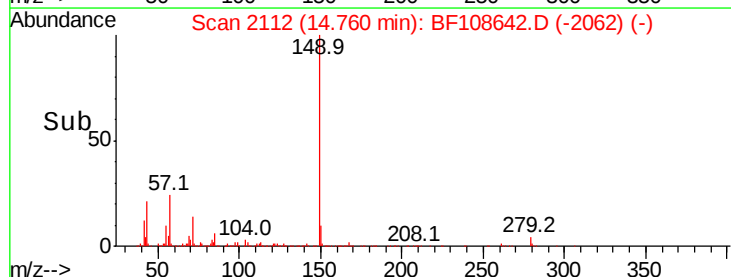
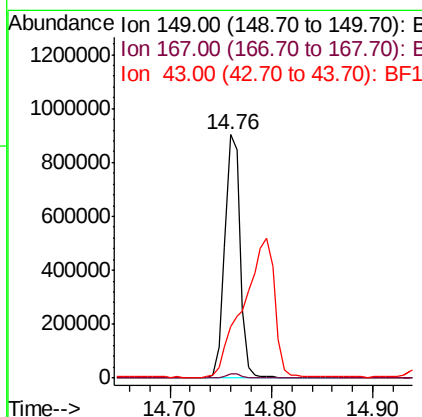
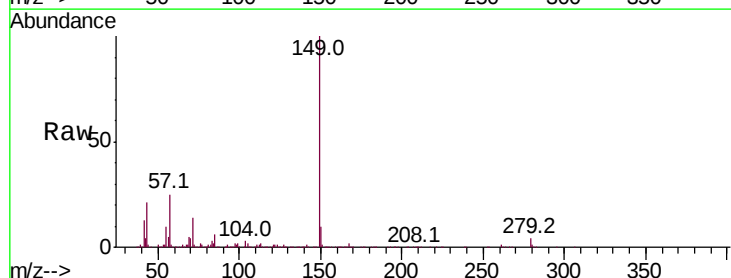
RT: 14.76 min Scan# 2112

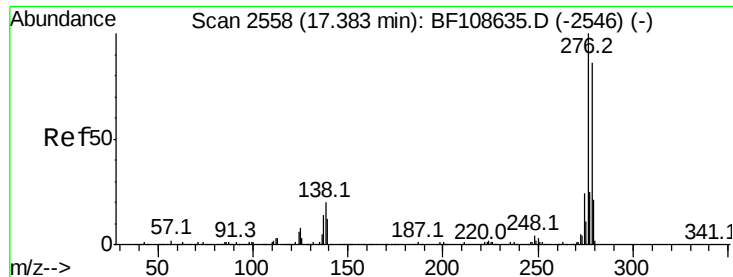
Delta R.T. -0.01 min

Lab File: BF108642.D

Acq: 30 Aug 2018 16:02

Tgt Ion:	149	Resp:	954545
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	0.0	8.4	12.6#





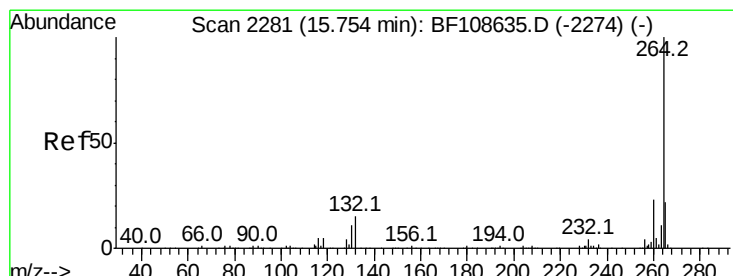
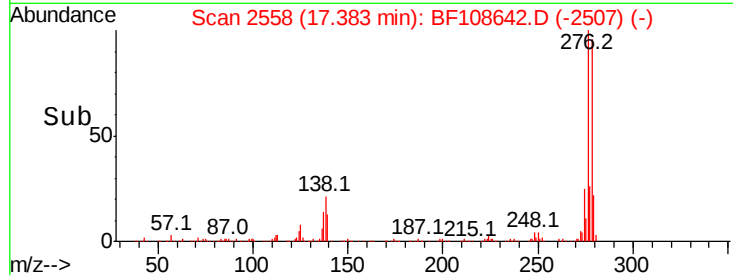
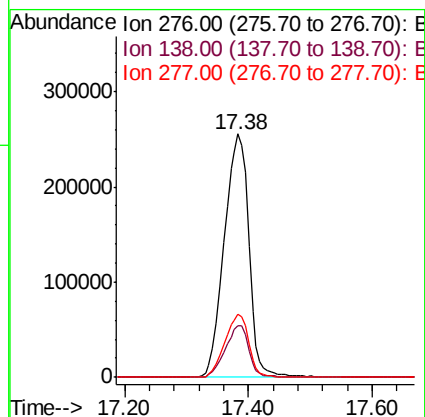
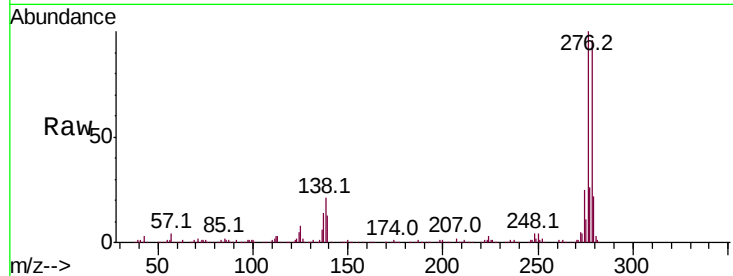
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.870 ng
RT: 17.38 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	25.1	20.1	30.1

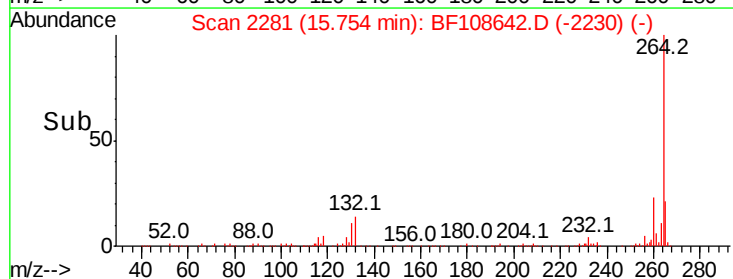
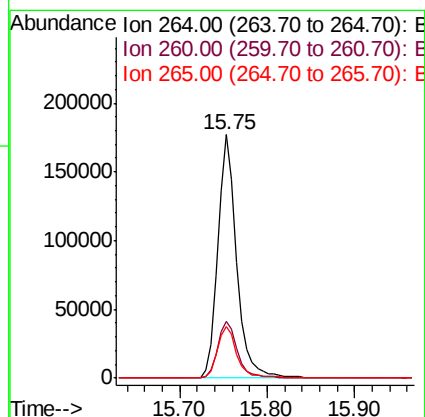
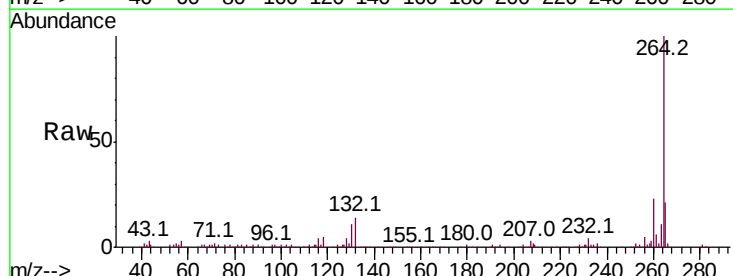
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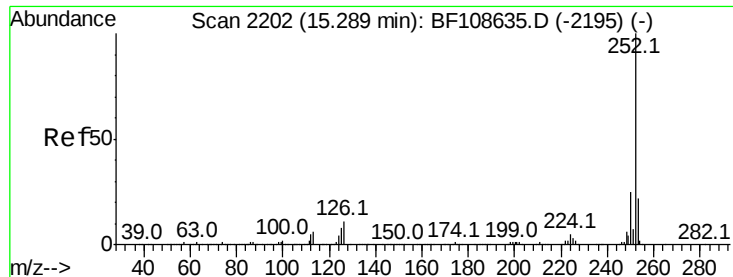
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3





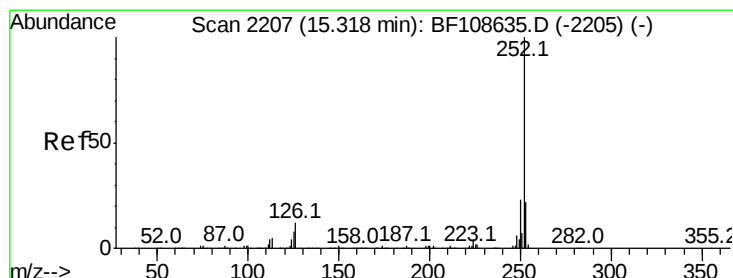
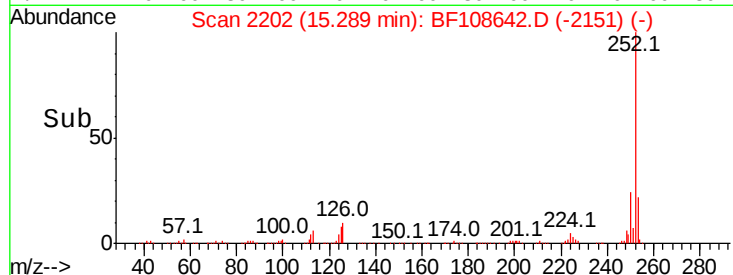
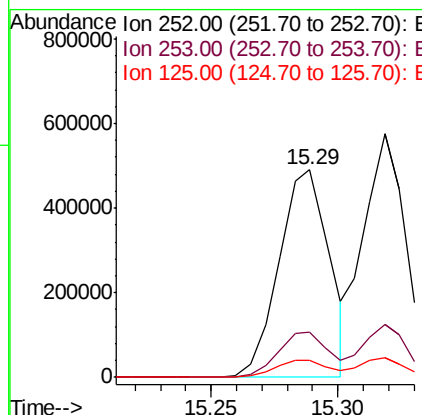
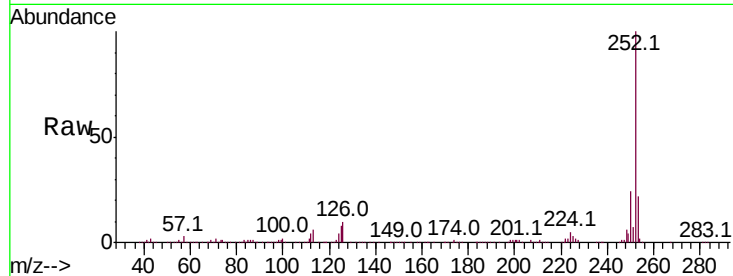
#87
Benzo(b)fluoranthene
Concen: 41.641 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	8.1	9.0	13.6#

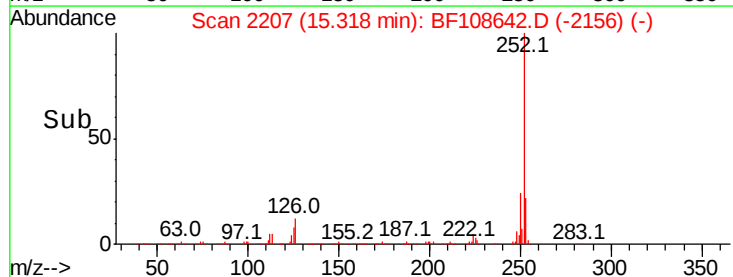
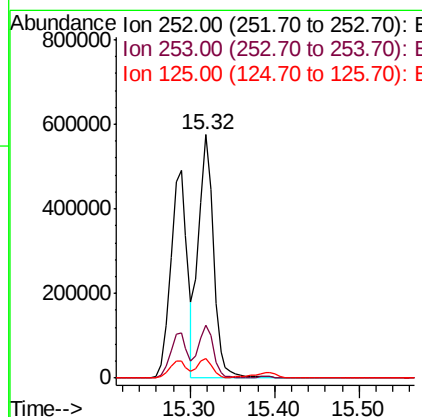
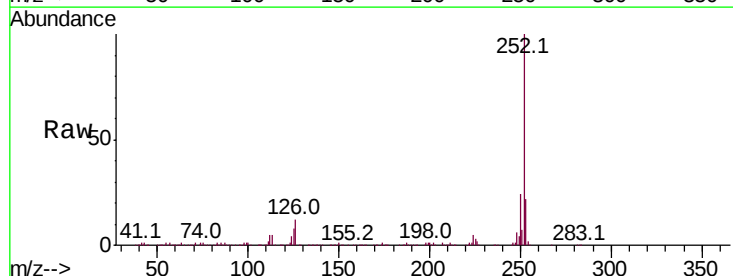
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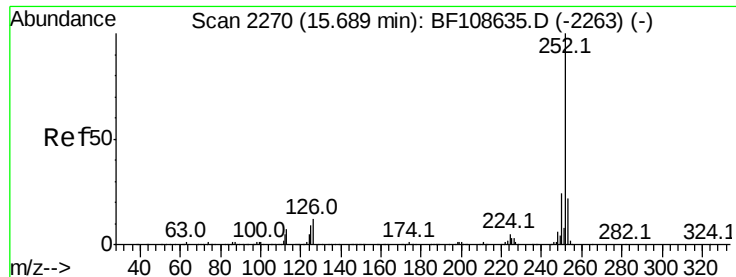
Sohil
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#88
Benzo(k)fluoranthene
Concen: 43.692 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.1	10.2	15.2#





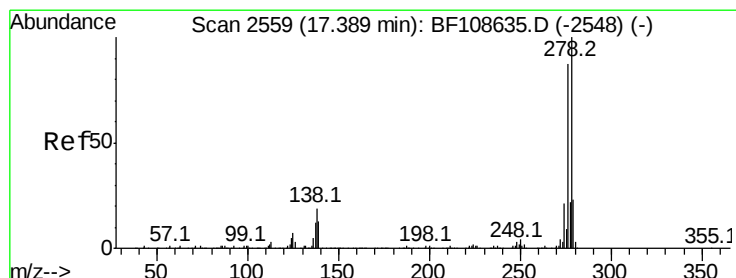
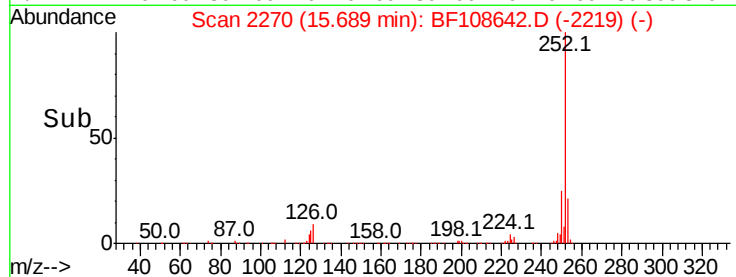
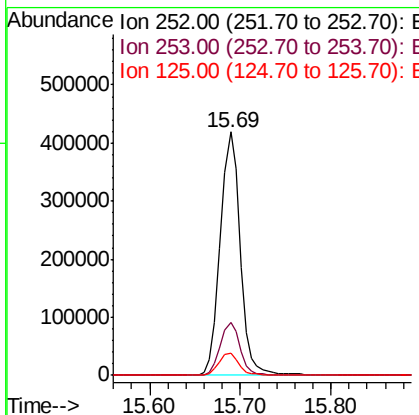
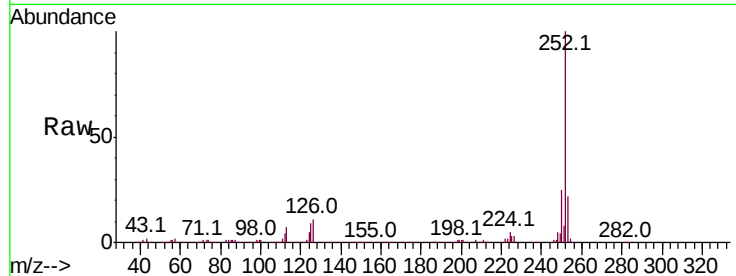
#89
Benzo(a)pyrene
Concen: 43.526 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB112486BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.0	9.8	14.6

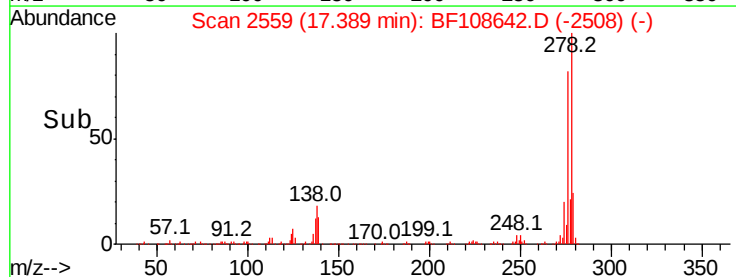
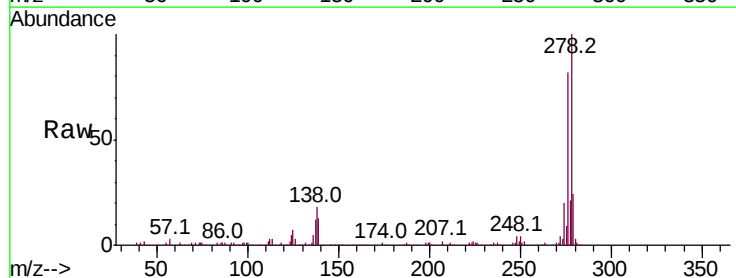
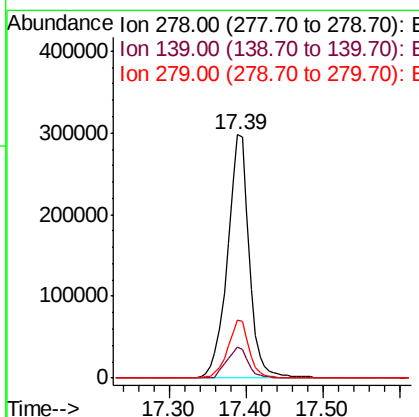
Manual Integrations
APPROVED

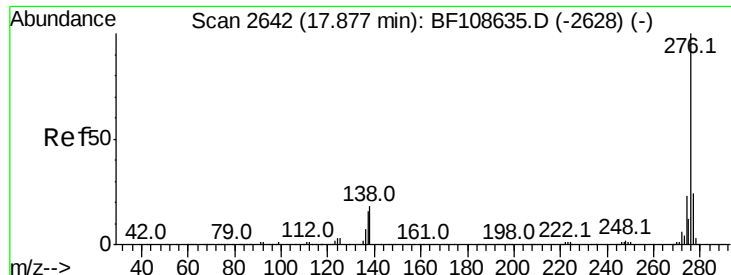
Sohil
8/31/2018 12:18:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.208 ng
RT: 17.39 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BF108642.D
Acq: 30 Aug 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	12.6	15.9	23.9
279	23.7	19.0	28.4





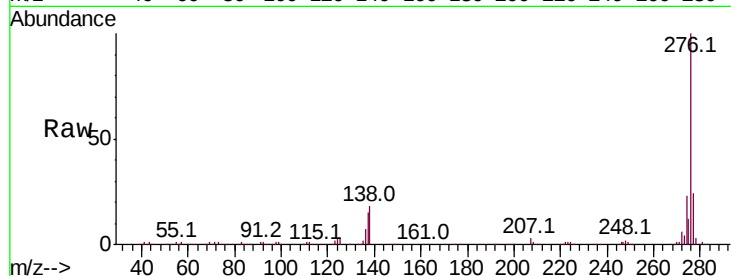
#91
 Benzo(a,h,i)perylene
 Concen: 52.673 ng
 RT: 17.88 min Scan# 2642
 Delta R.T. 0.00 min
 Lab File: BF108642.D
 Acq: 30 Aug 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	17.9	21.8	32.8

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

