

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108038.D
 Acq On : 8 Aug 2018 23:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 8/9/2018 5:01:48 PM

Quant Time: Aug 09 08:14:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	293689	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1162220	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	615505	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1233469	20.00	ng	0.00
75) Chrysene-d12	14.21	240	981748	20.00	ng	0.00
86) Perylene-d12	15.77	264	838739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1302922	80.32	ng	0.00
7) Phenol-d6	6.63	99	1743915	80.90	ng	0.00
23) Nitrobenzene-d5	7.58	82	1700336	81.64	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	511896	83.38	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2916445	76.07	ng	0.00
78) Terphenyl-d14	13.15	244	3001168	77.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	336084	40.320	ng	88
3) Pyridine	3.68	79	881881	41.072	ng	# 85
4) n-Nitrosodimethylamine	3.65	42	491185	40.654	ng	81
6) Aniline	6.68	93	1201591	40.980	ng	95
8) 2-Chlorophenol	6.80	128	740697	40.541	ng	98
9) Benzaldehyde	6.57	77	663799	39.717	ng	99
10) Phenol	6.64	94	888647	39.853	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	720222	39.953	ng	92
12) 1,3-Dichlorobenzene	6.95	146	845953	40.045	ng	96
13) 1,4-Dichlorobenzene	7.03	146	844814	39.803	ng	98
14) 1,2-Dichlorobenzene	7.19	146	792094	40.121	ng	97
15) Benzyl Alcohol	7.15	79	736195	40.568	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1465591	39.465	ng	97
17) 2-Methylphenol	7.25	107	636607	40.632	ng	# 94
18) Hexachloroethane	7.53	117	302625	40.049	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	579811	39.775	ng	# 85
20) 3+4-Methylphenols	7.41	107	816759	40.680	ng	91
22) Acetophenone	7.42	105	1087436	40.015	ng	# 93
24) Nitrobenzene	7.60	77	865067	41.074	ng	93
25) Isophorone	7.84	82	1577131	39.728	ng	98
26) 2-Nitrophenol	7.91	139	329736	41.457	ng	91
27) 2,4-Dimethylphenol	7.94	122	712913	40.462	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	913136	39.402	ng	99
29) 2,4-Dichlorophenol	8.15	162	666007	41.075	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	713451	39.909	ng	98
31) Naphthalene	8.32	128	2089722	39.537	ng	98
32) Benzoic acid	8.04	122	372647	37.885	ng	90
33) 4-Chloroaniline	8.37	127	922491	40.049	ng	96
34) Hexachlorobutadiene	8.43	225	450145	39.776	ng	99
35) Caprolactam	8.74	113	218726	43.046	ng	# 80
36) 4-Chloro-3-methylphenol	8.84	107	712414	40.728	ng	98
37) 2-Methylnaphthalene	9.01	142	1497384	40.042	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	747910	39.569	ng	98
40) Hexachlorocyclopentadiene	9.17	237	498157	40.803	ng	98

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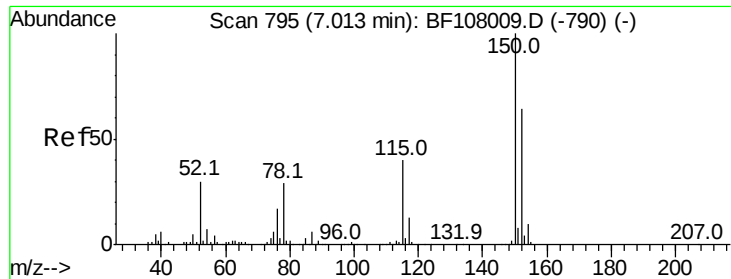
Manual Integrations
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Sohil
 8/9/2018 5:01:48 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	480733	40.985	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	550272	42.617	nq	95
45) 1,1'-Biphenyl	9.48	154	1769279	38.987	nq	97
46) 2-Chloronaphthalene	9.51	162	1418123	39.538	nq	99
47) 2-Nitroaniline	9.60	65	500748	43.148	nq	88
48) Acenaphthylene	9.93	152	2232654	39.374	nq	96
49) Dimethylphthalate	9.78	163	1688108	39.373	nq	# 98
50) 2,6-Dinitrotoluene	9.84	165	374179	41.713	nq	91
51) Acenaphthene	10.10	154	1375219	39.596	nq	98
52) 3-Nitroaniline	10.01	138	417976	42.587	nq	92
53) 2,4-Dinitrophenol	10.11	184	122120	40.205	nq	# 26
54) Dibenzofuran	10.27	168	1960071	38.954	nq	92
55) 4-Nitrophenol	10.15	139	308855	41.557	nq	# 78
56) 2,4-Dinitrotoluene	10.25	165	501423	43.426	nq	# 98
57) Fluorene	10.62	166	1561294	39.197	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	457914	42.431	nq	# 87
59) Diethylphthalate	10.48	149	1653428	39.825	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	806943	38.879	nq	96
61) 4-Nitroaniline	10.63	138	420543	43.339	nq	87
62) Azobenzene	10.77	77	1698237	39.608	nq	90
64) 4,6-Dinitro-2-methylphenol	10.65	198	181054	40.091	nq	91
65) n-Nitrosodiphenylamine	10.72	169	1440828	39.529	nq	99
66) 4-Bromophenyl-phenylether	11.10	248	539277	40.231	nq	92
67) Hexachlorobenzene	11.17	284	557076	39.499	nq	# 86
68) Atrazine	11.25	200	500758	40.960	nq	95
69) Pentachlorophenol	11.35	266	280156	41.501	nq	97
70) Phenanthrene	11.58	178	2257026	38.795	nq	96
71) Anthracene	11.64	178	2311050	38.757	nq	94
72) Carbazole	11.79	167	2091613	39.480	nq	96
73) Di-n-butylphthalate	12.11	149	2391947	39.861	nq	# 96
74) Fluoranthene	12.78	202	2503247	39.425	nq	94
76) Benzidine	12.90	184	1582745	43.149	nq	95
77) Pyrene	13.01	202	2506641	40.329	nq	94
79) Butylbenzylphthalate	13.62	149	1054343	42.719	nq	# 94
80) Benzo(a)anthracene	14.20	228	2283198	40.524	nq	95
81) 3,3'-Dichlorobenzidine	14.16	252	861584	42.670	nq	# 97
82) Chrysene	14.24	228	2041451	39.521	nq	93
83) Bis(2-ethylhexyl)phthalate	14.17	149	1388414	41.542	nq	98
84) Di-n-octyl phthalate	14.80	149	2124804	41.686	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.39	276	1770199	39.552	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1998035m	39.867	nq	
88) Benzo(k)fluoranthene	15.34	252	1871402	40.620	nq	# 96
89) Benzo(a)pyrene	15.71	252	1798709	40.079	nq	96
90) Dibenzo(a,h)anthracene	17.41	278	1494918	40.258	nq	# 94
91) Benzo(g,h,i)perylene	17.88	276	1463446	40.023	nq	# 90

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



#1

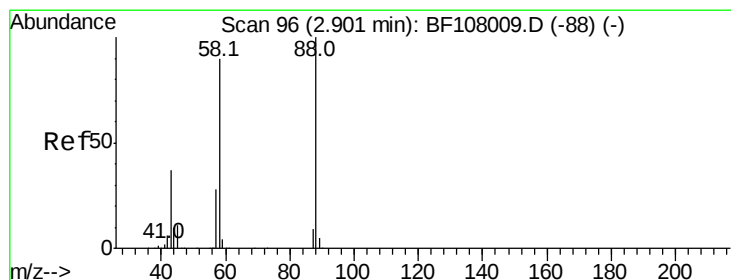
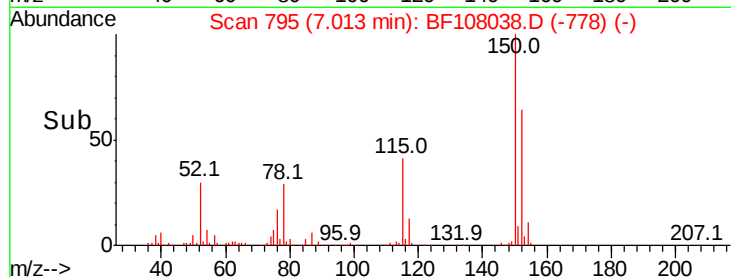
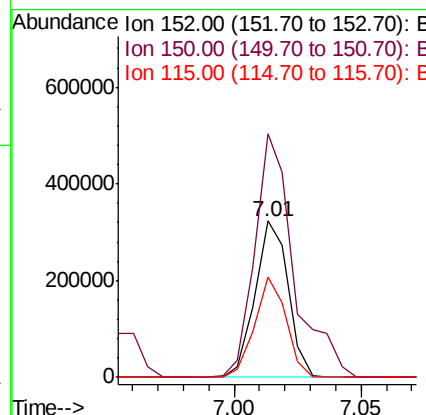
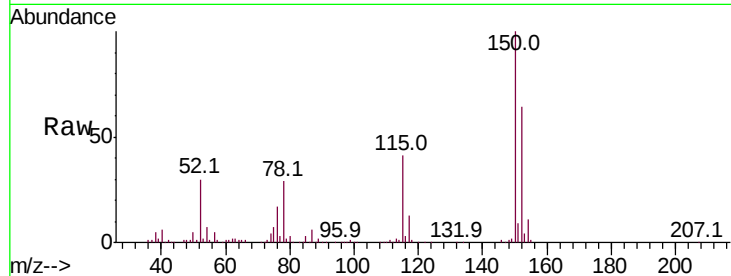
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	63.7	50.1	75.1

Manual Integrations
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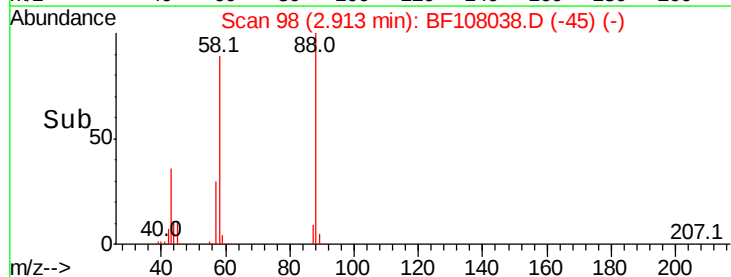
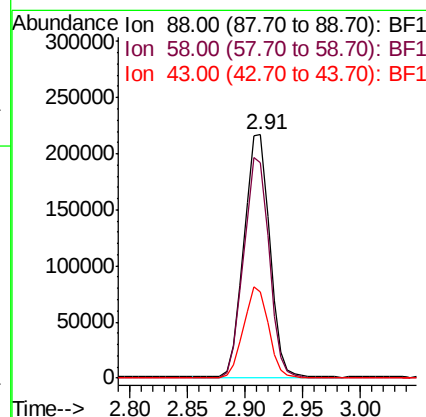
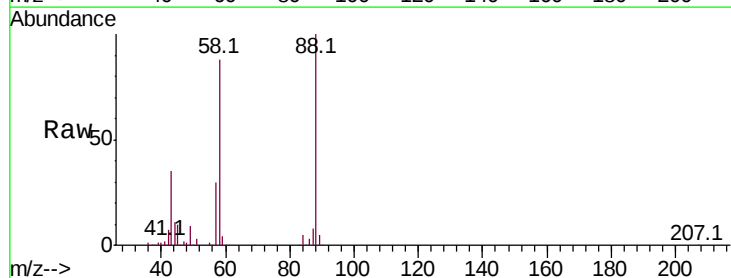
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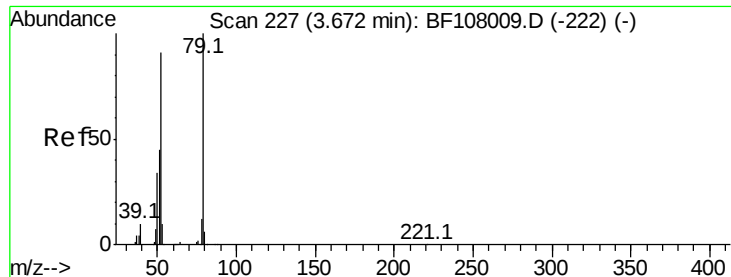


#2

1,4-Dioxane
Concen: 40.320 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	62.6	93.8
43	36.9	24.6	37.0





#3

Pvridine

Concen: 41.072 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

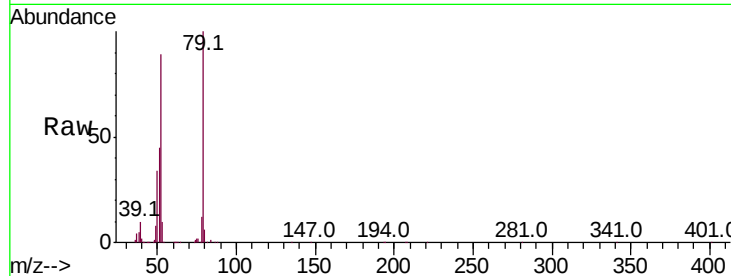
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.0	59.8	89.6
51	44.9	29.8	44.8

Manual Integrations
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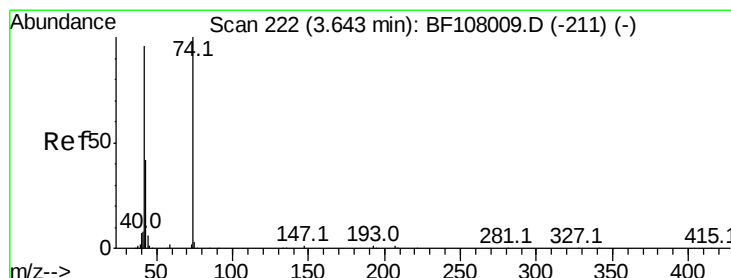
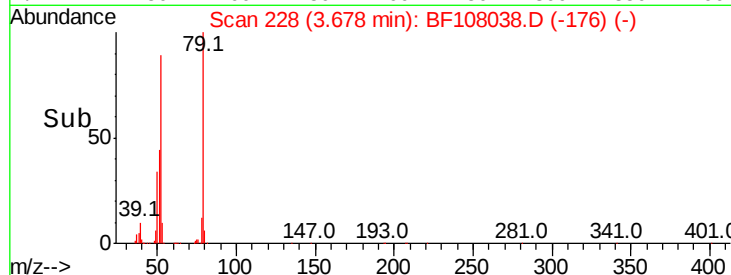
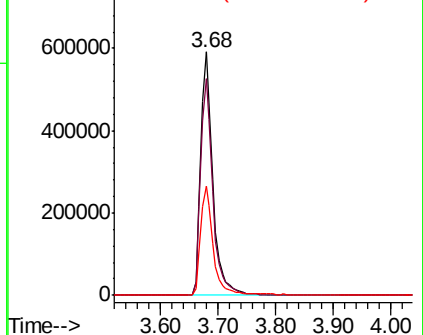


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.654 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

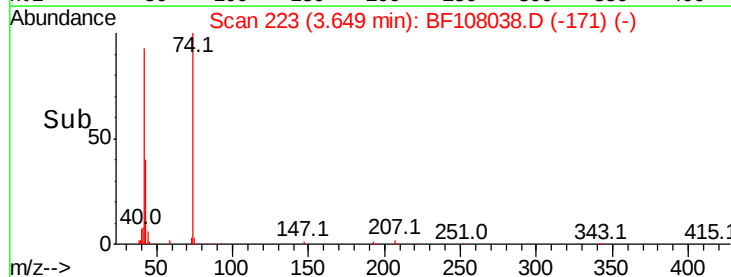
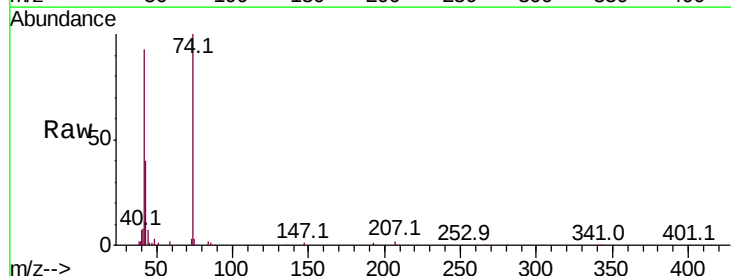
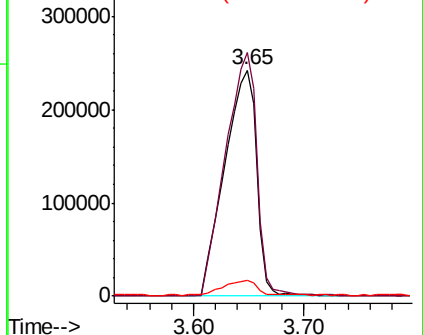
Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.7	104.9	157.3
44	7.2	6.9	10.3

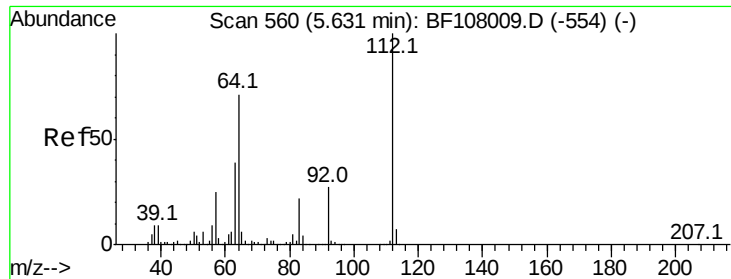
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.319 ng

RT: 5.63 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 112 Resp: 1302922

Ion Ratio Lower Upper

112 100

64 72.4 47.9 71.9#

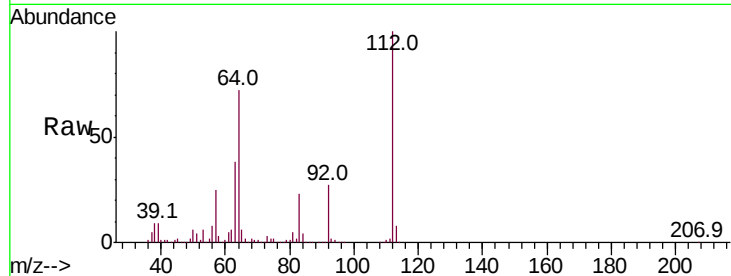
63 38.5 23.7 35.5#

Manual Integrations

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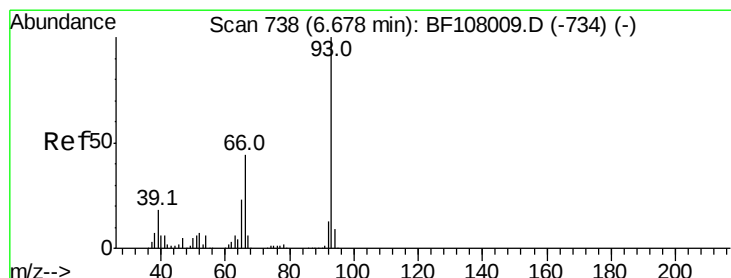
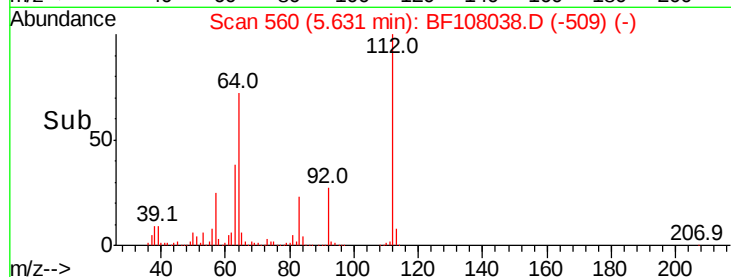
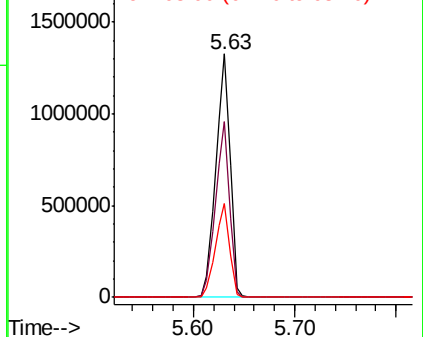
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.980 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

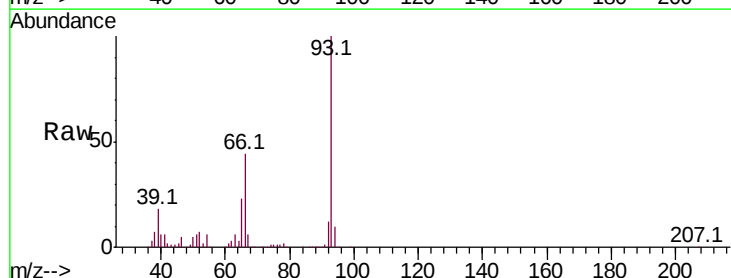
Tgt Ion: 93 Resp: 1201591

Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

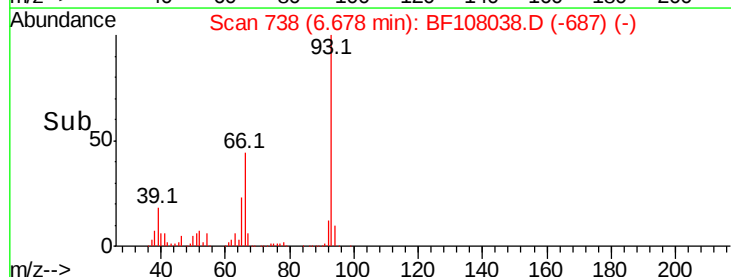
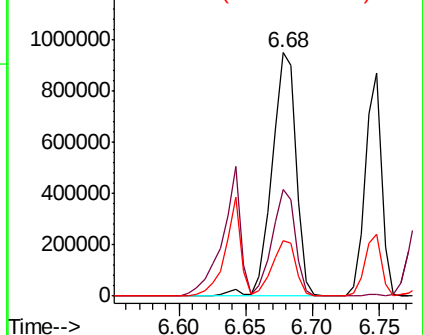
65 23.0 16.4 24.6

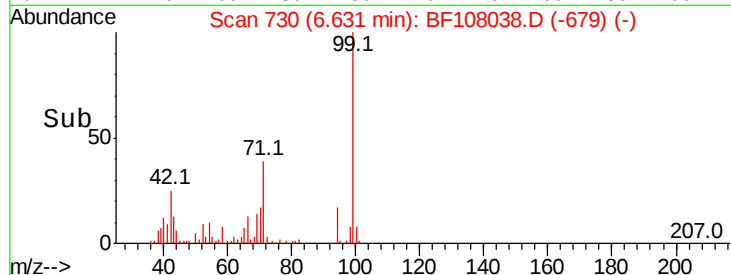
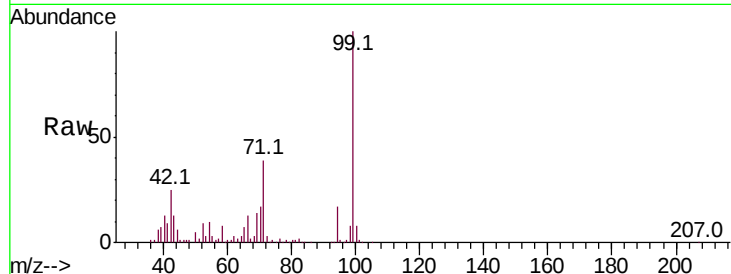
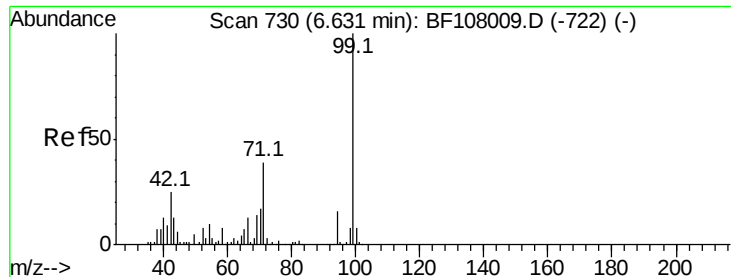


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.899 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Tot Ion: 99 Resp: 1743915

Ion Ratio Lower Upper

99 100

42 24.7 14.5 21.7#

71 38.7 25.4 38.0#

Instrument :

BNA_F

ClientSampleId :

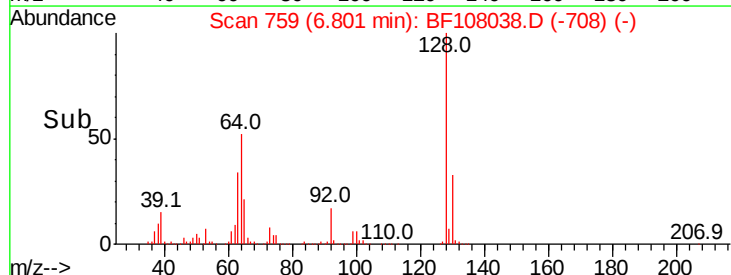
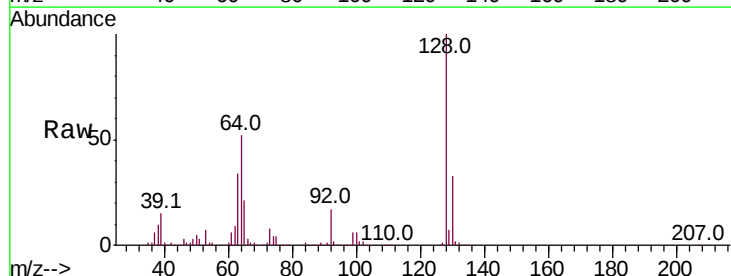
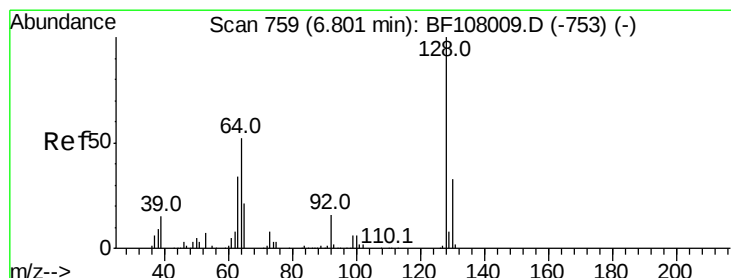
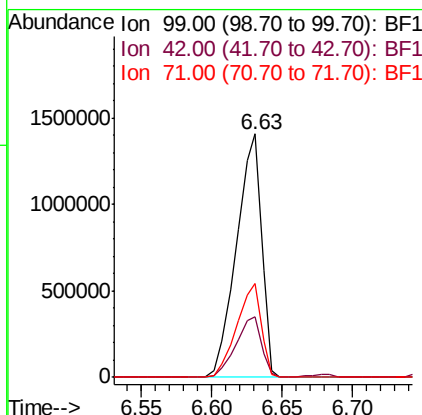
SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 40.541 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

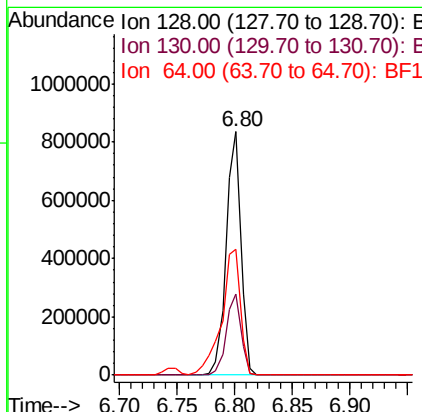
Tgt Ion:128 Resp: 740697

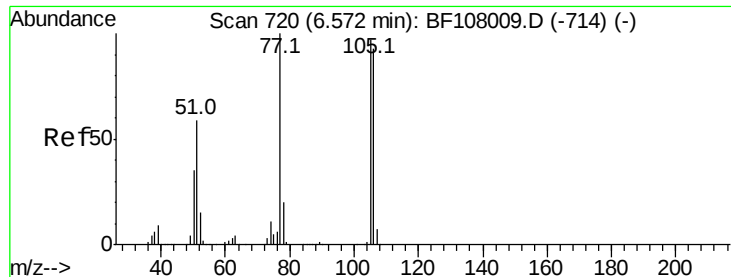
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 51.8 29.4 69.4





#9

Benzaldehyde

Concen: 39.717 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

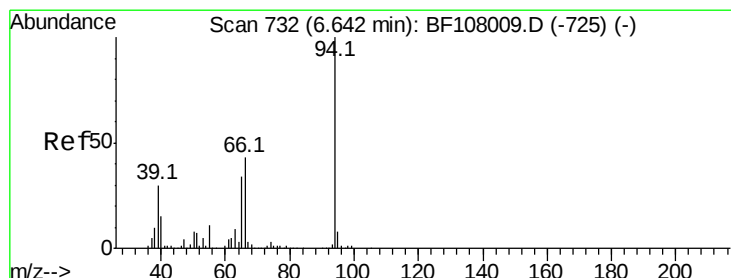
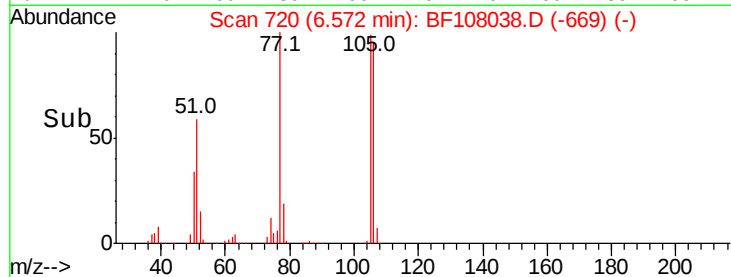
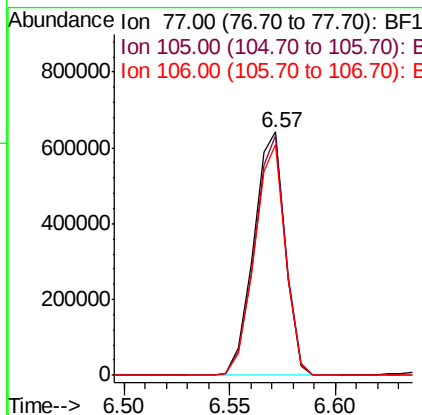
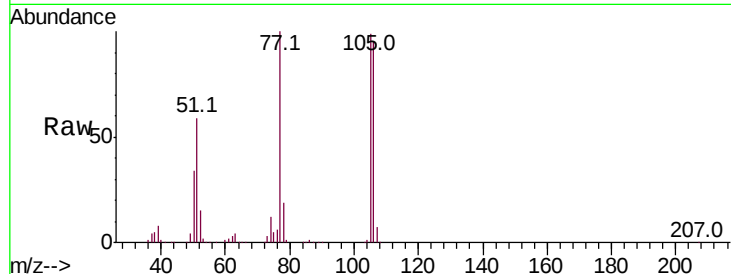
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	663799
Ion Ratio	Lower	Upper	
77	100		
105	98.7	81.1	121.1
106	94.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.853 ng

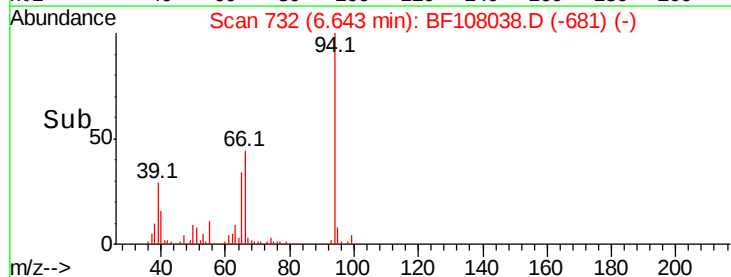
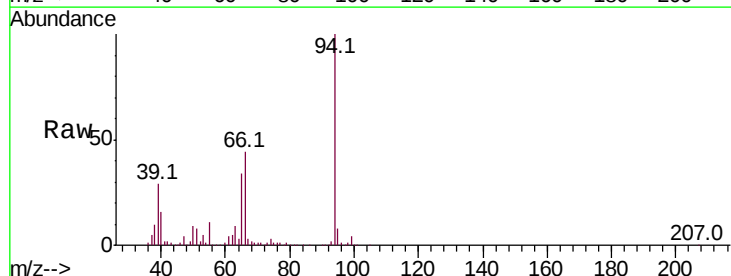
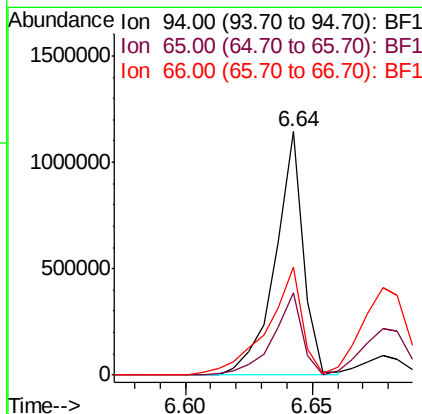
RT: 6.64 min Scan# 732

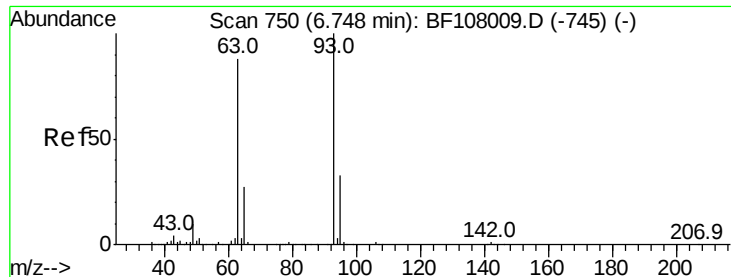
Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Tgt Ion:	94	Resp:	888647
Ion Ratio	Lower	Upper	
94	100		
65	33.6	7.9	47.9
66	44.2	16.2	56.2





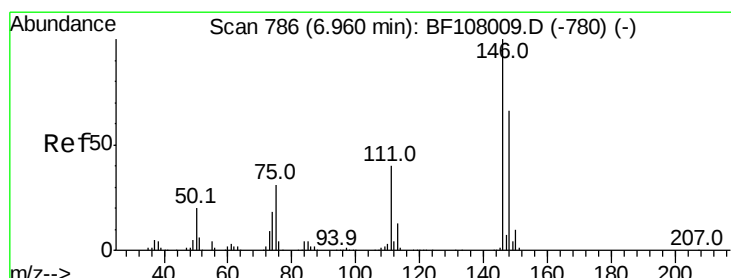
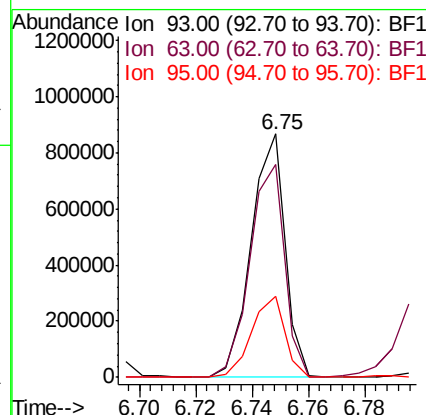
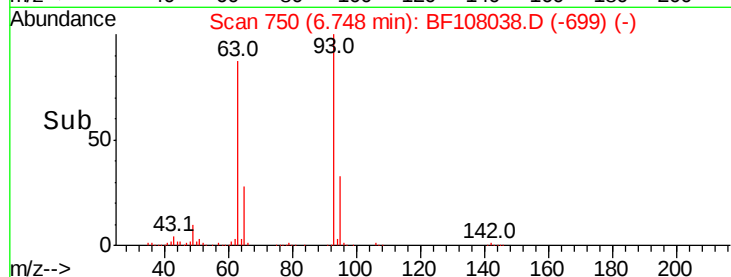
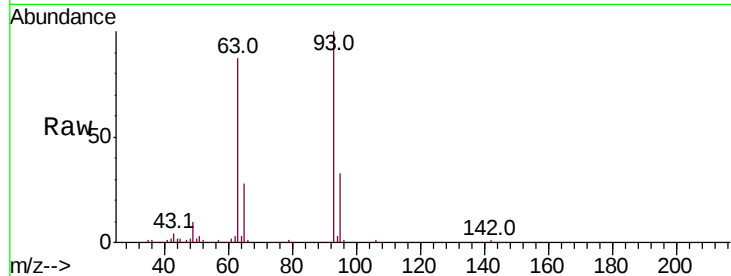
#11
bis(2-Chloroethyl)ether
Concen: 39.953 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.3	58.6	98.6
95	33.3	11.8	51.8

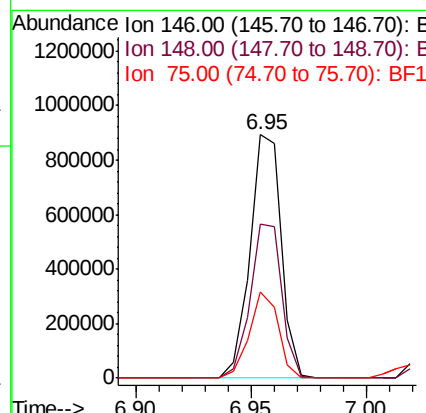
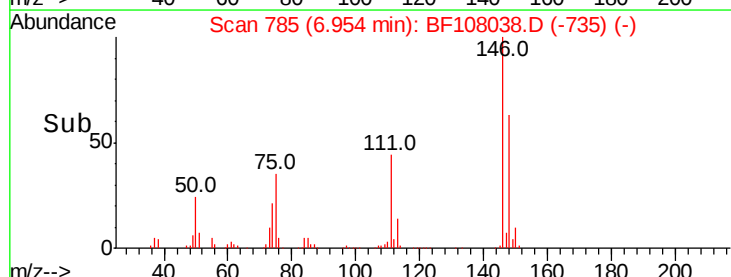
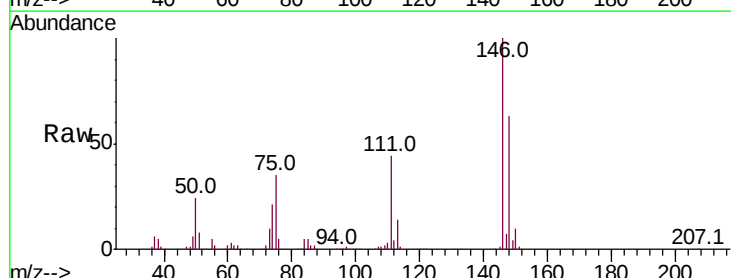
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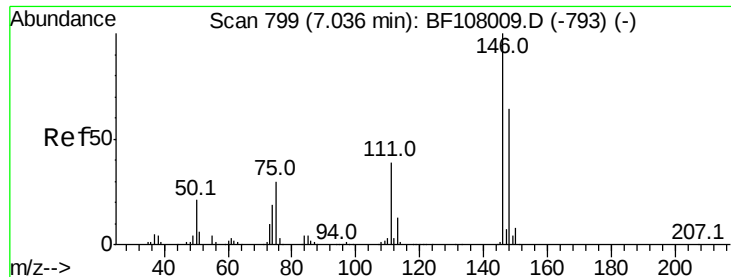
Sohil
8/9/2018 5:01:48 PM



#12
1,3-Dichlorobenzene
Concen: 40.045 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	35.5	24.2	36.4





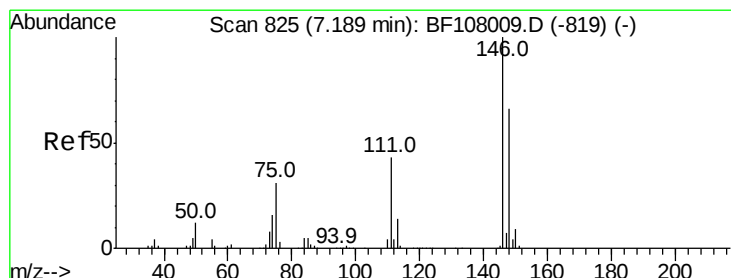
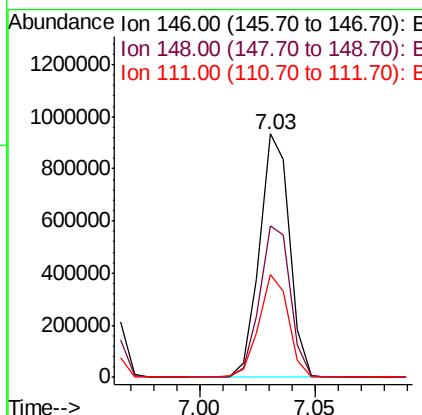
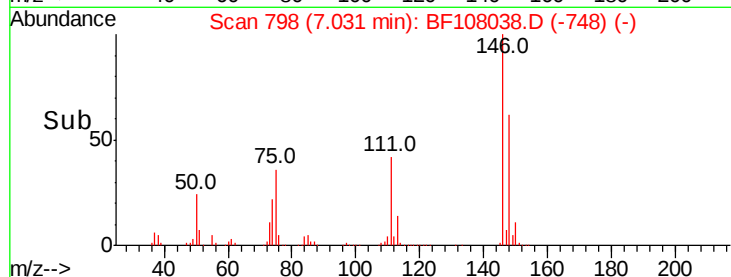
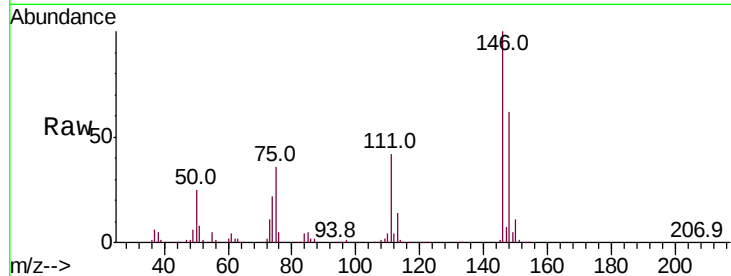
#13
 1,4-Dichlorobenzene
 Concen: 39.803 ng
 RT: 7.03 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.8	76.2
111	42.0	34.2	51.2

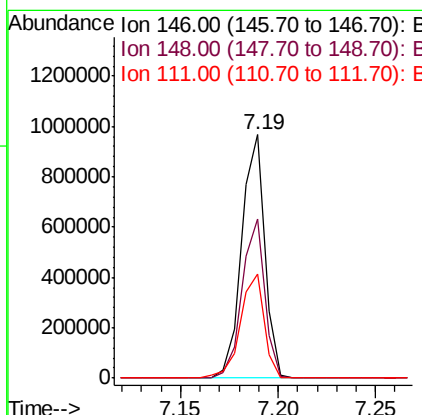
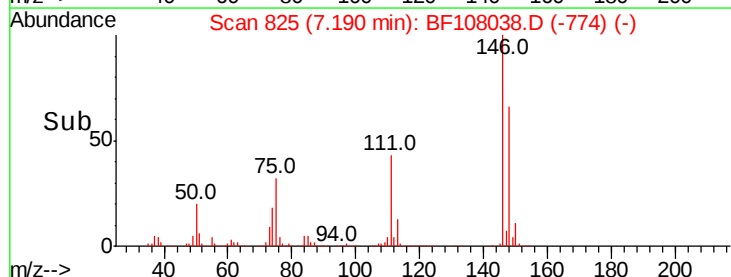
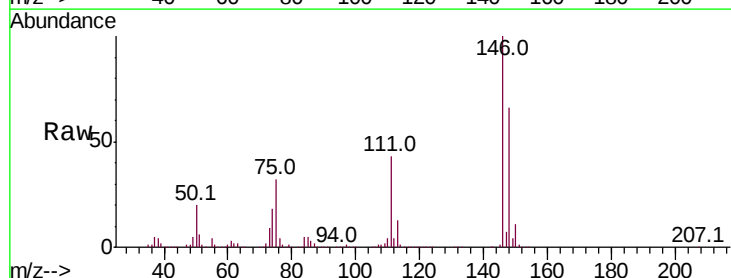
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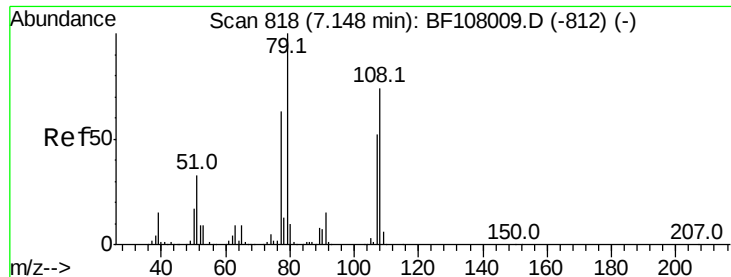
Sohil
 8/9/2018 5:01:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.121 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.568 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

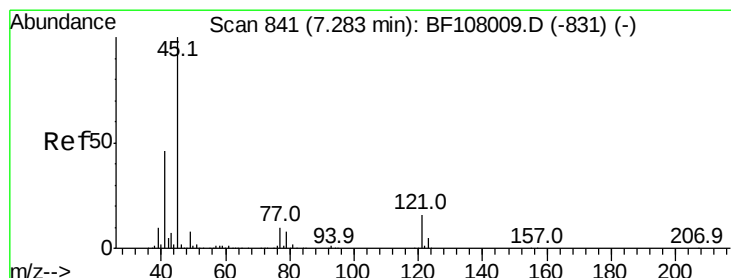
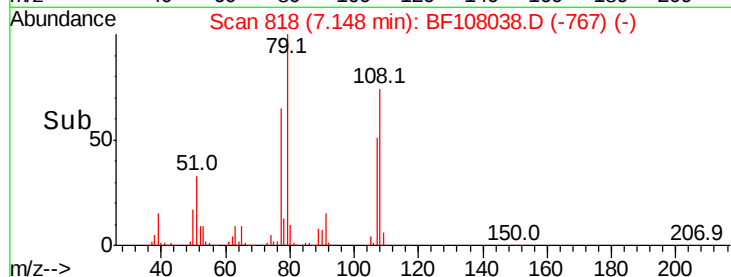
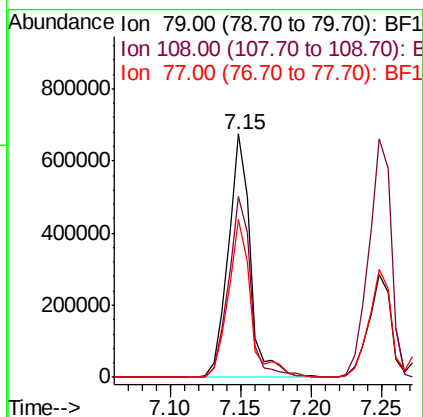
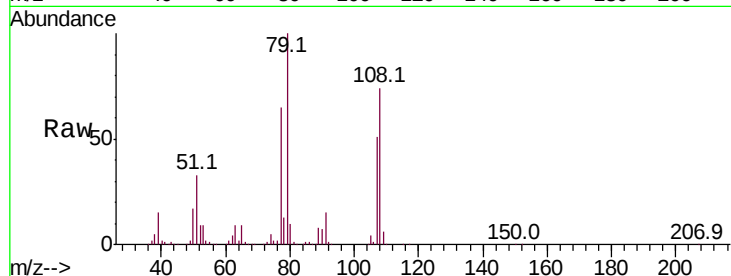
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	736195
Ion Ratio	Lower	Upper	
79	100		
108	74.2	65.1	97.7
77	64.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.465 ng

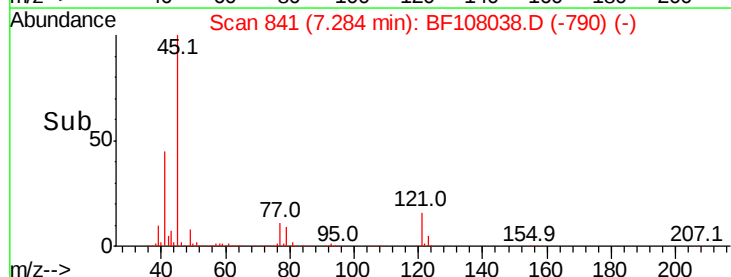
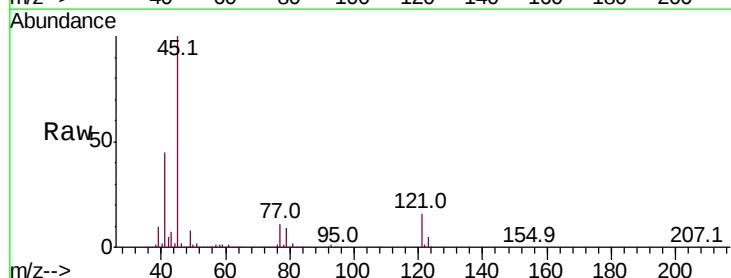
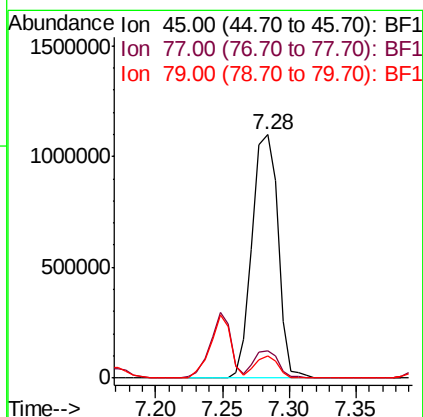
RT: 7.28 min Scan# 841

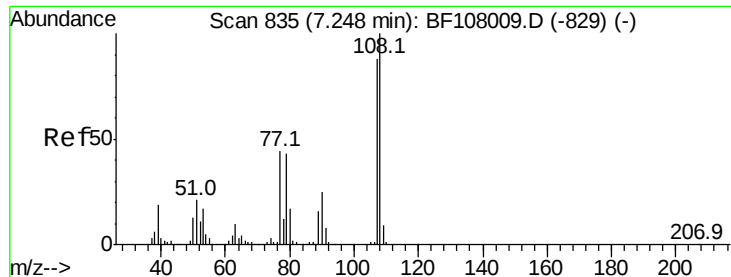
Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Tgt Ion:	45	Resp:	1465591
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	32.9
79	8.9	0.0	29.6





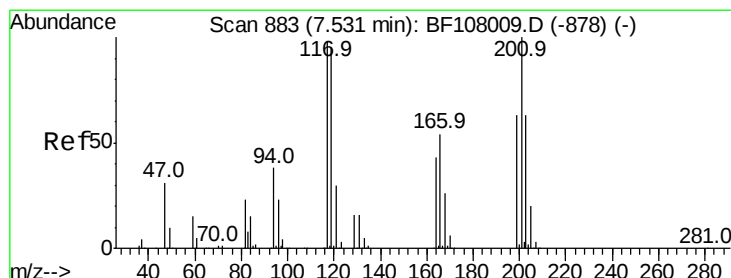
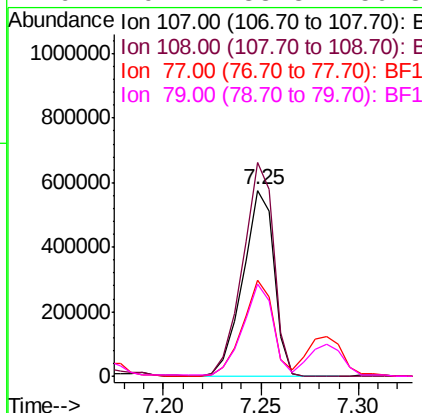
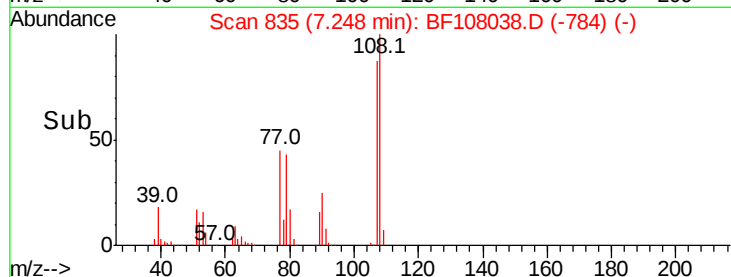
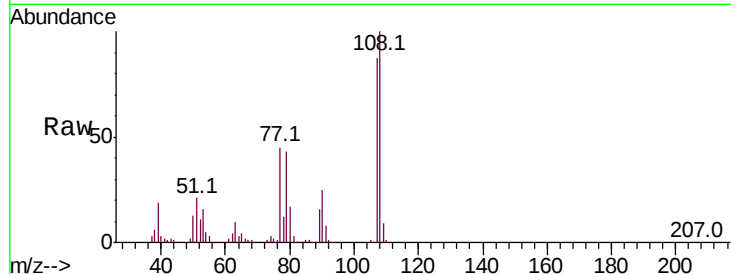
#17
2-Methylphenol
Concen: 40.632 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.7	137.5	
77	51.8	33.8	50.8	
79	49.7	33.8	50.8	

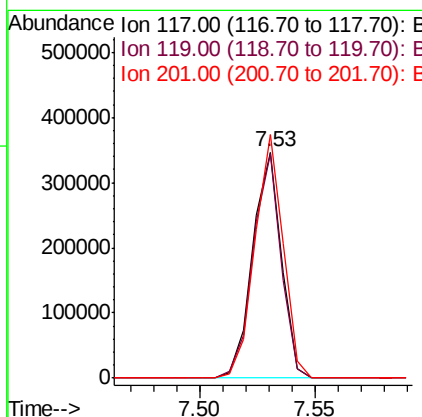
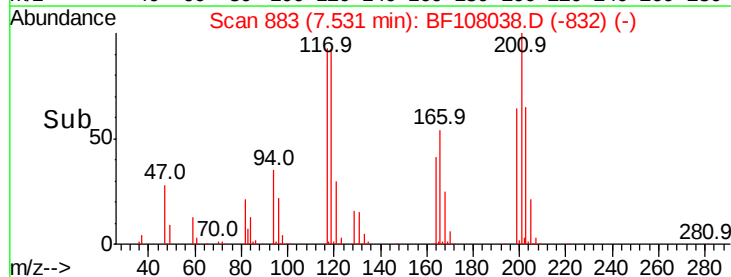
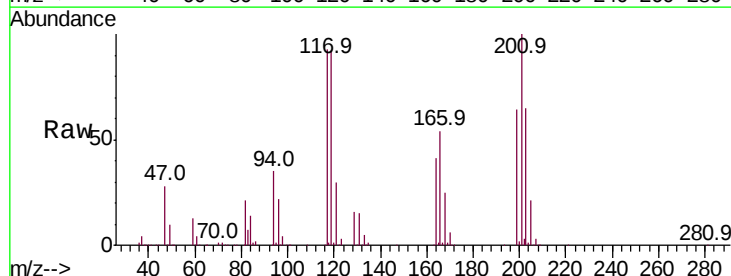
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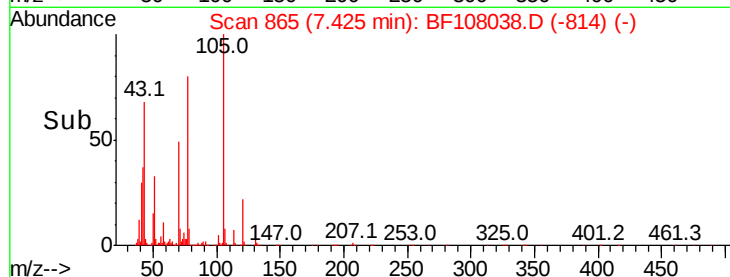
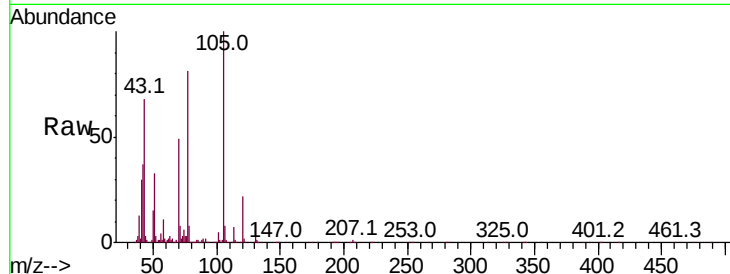
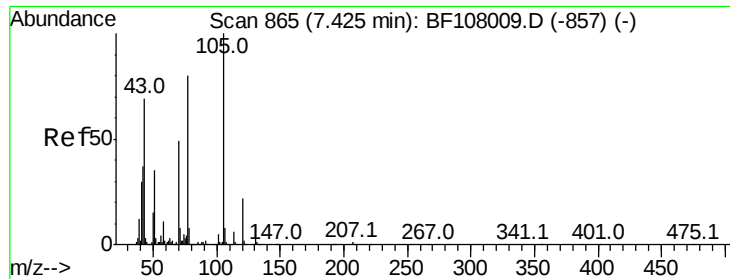
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#18
Hexachloroethane
Concen: 40.049 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	75.8	113.8	
201	107.8	75.7	113.5	





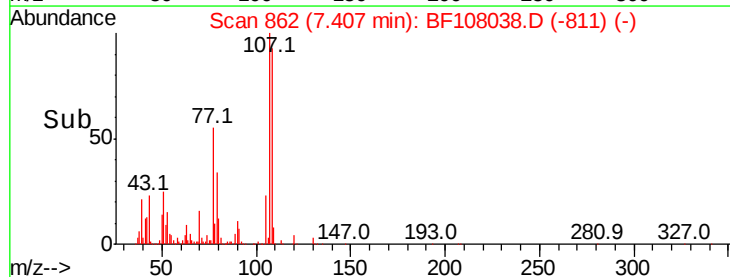
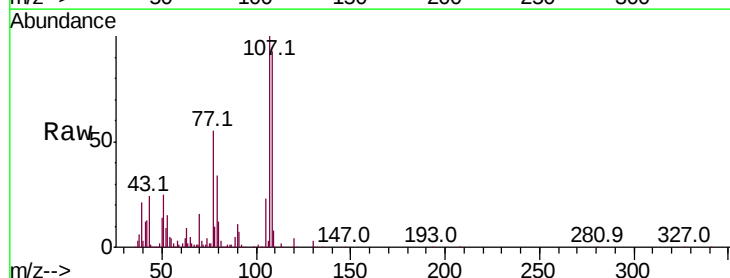
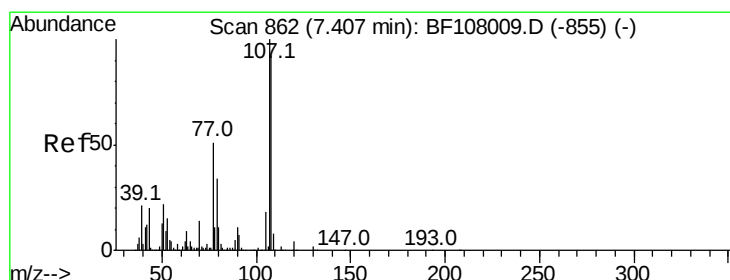
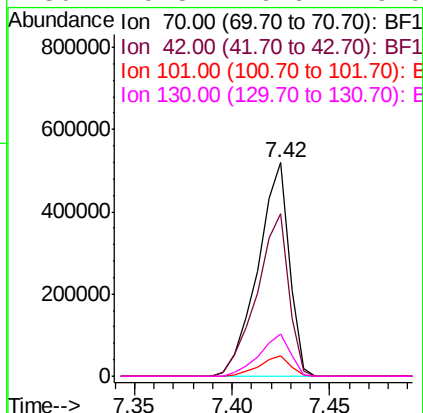
#19
n-Nitroso-di-n-propylamine
Concen: 39.775 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.9	47.5	71.3#
101	9.7	7.4	11.2
130	19.8	16.6	25.0

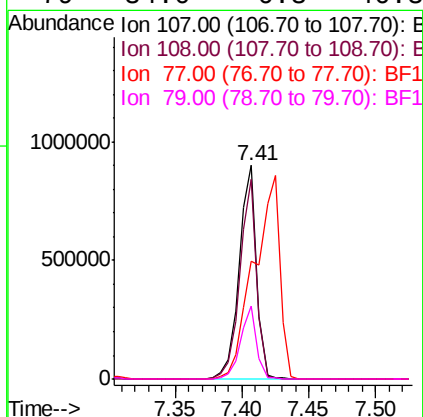
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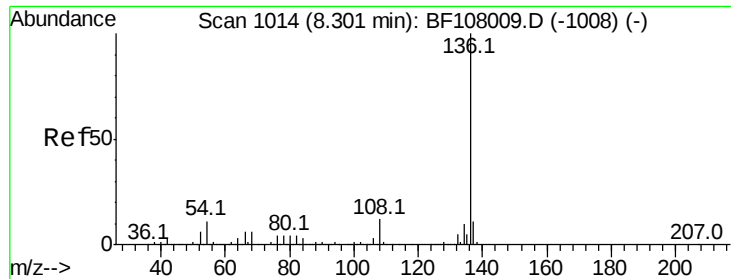
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#20
3+4-Methylphenols
Concen: 40.680 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	55.2	26.7	66.7
79	34.0	6.3	46.3





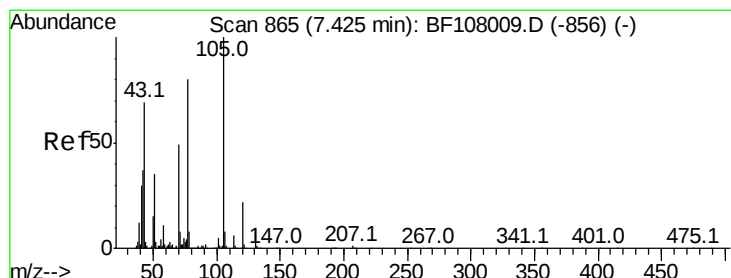
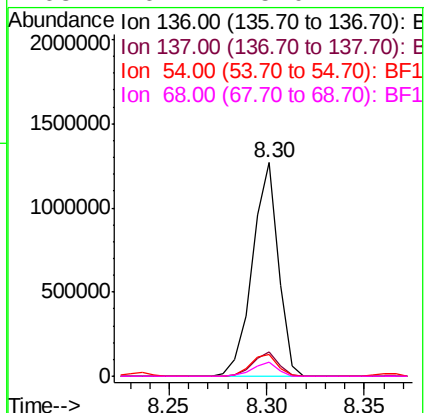
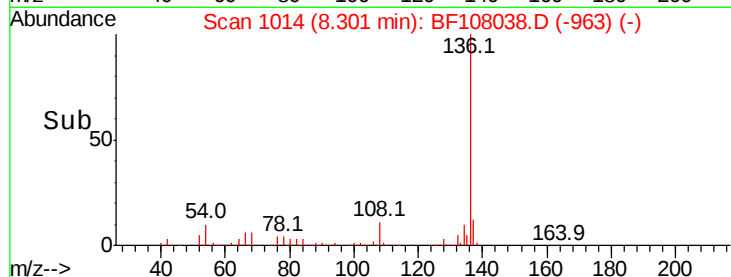
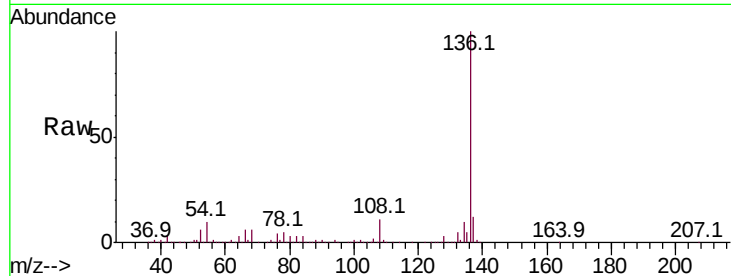
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.6	9.8
68	6.4	5.0	7.4

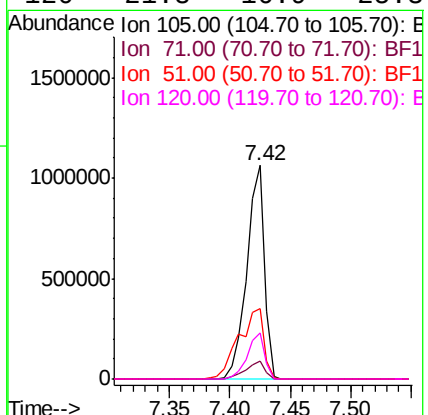
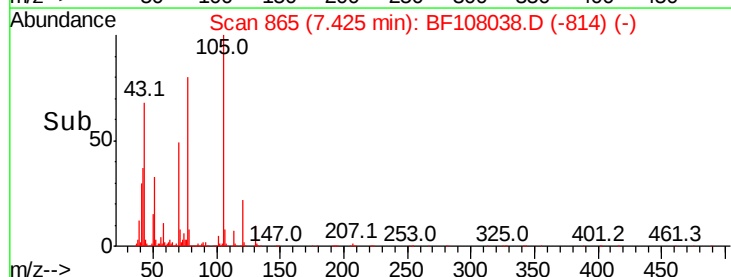
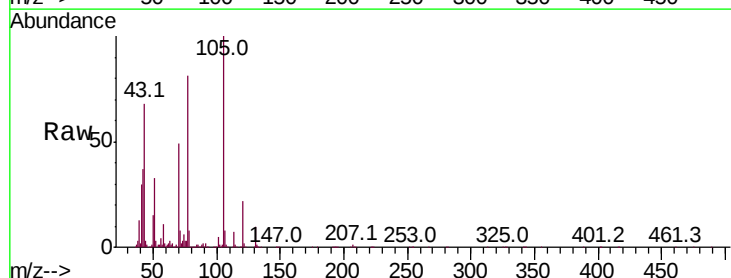
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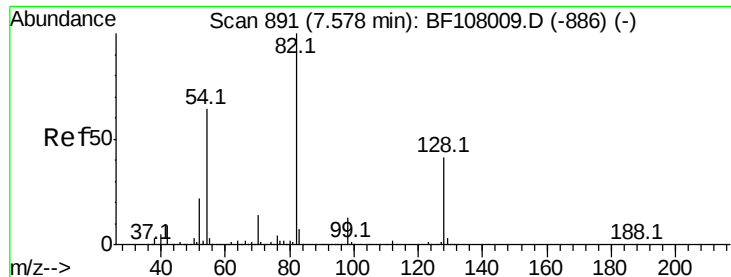
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#22
Acetophenone
Concen: 40.015 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6
51	33.3	22.3	33.5
120	21.8	16.9	25.3





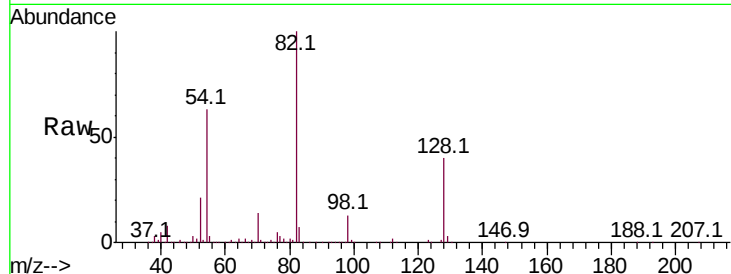
#23
 Nitrobenzene-d5
 Concen: 81.638 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

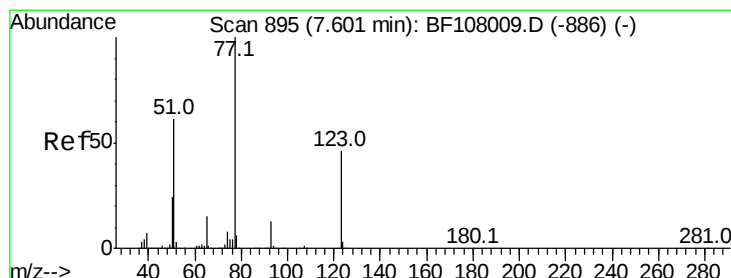
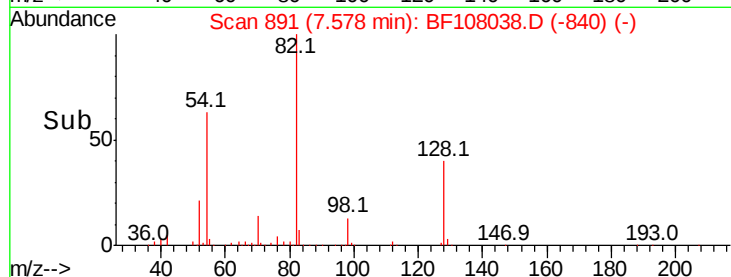
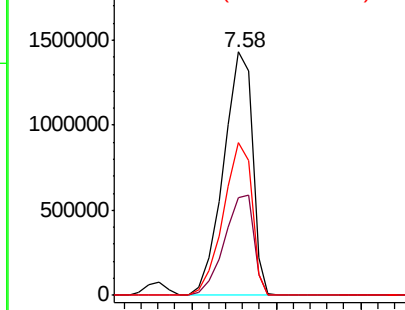
Tot Ion: 82 Resp: 1700336
 Ion Ratio Lower Upper
 82 100
 128 40.1 36.1 54.1
 54 62.7 41.4 62.2#

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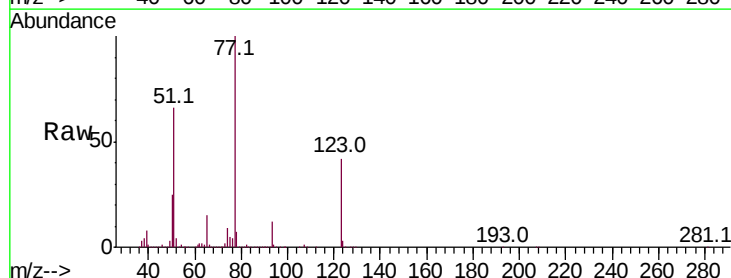


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

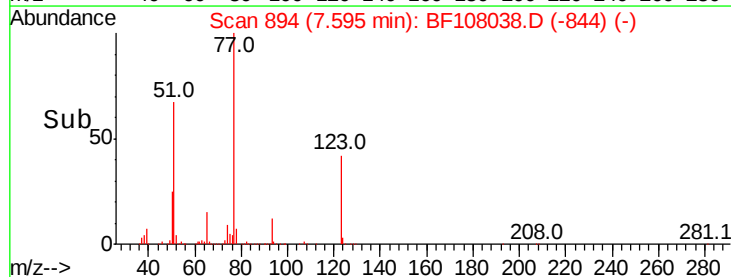
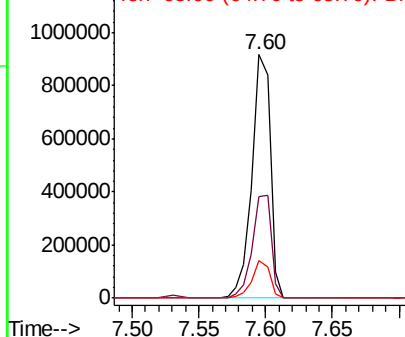


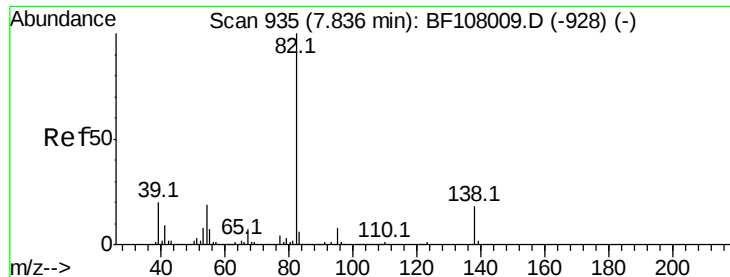
#24
 Nitrobenzene
 Concen: 41.074 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion: 77 Resp: 865067
 Ion Ratio Lower Upper
 77 100
 123 41.7 37.9 56.9
 65 15.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1200000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.728 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1577131

Ion Ratio Lower Upper

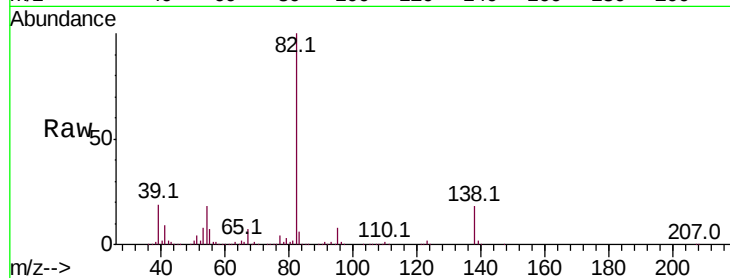
82 100

95 7.5 5.2 7.8

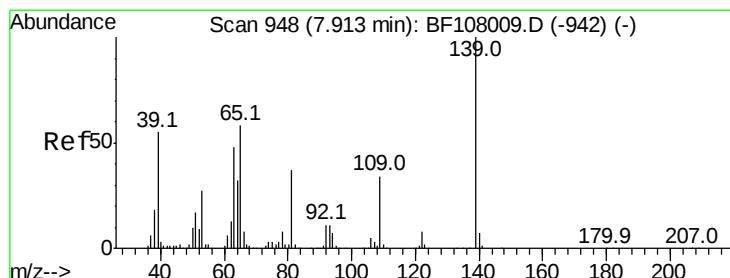
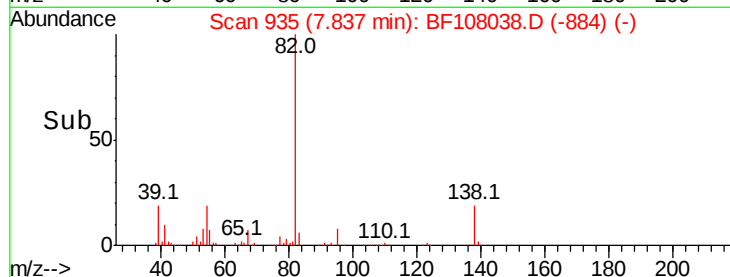
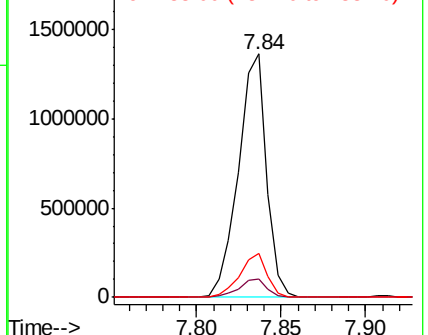
138 18.1 14.9 22.3

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.457 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

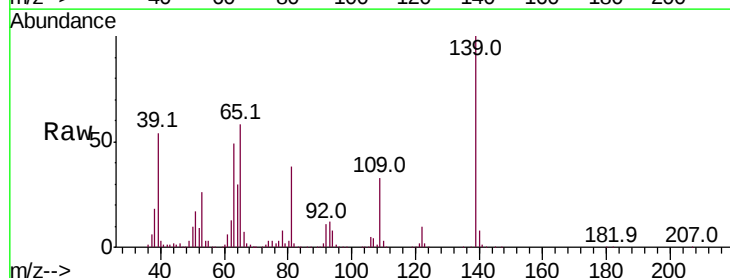
Tgt Ion: 139 Resp: 329736

Ion Ratio Lower Upper

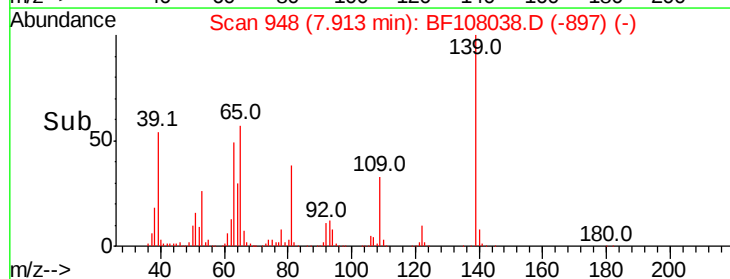
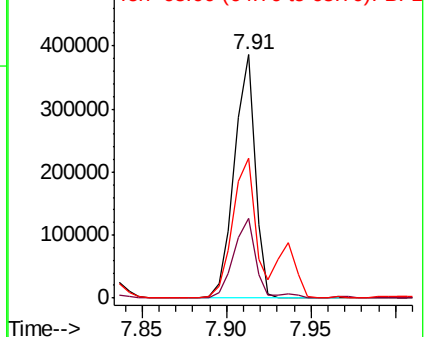
139 100

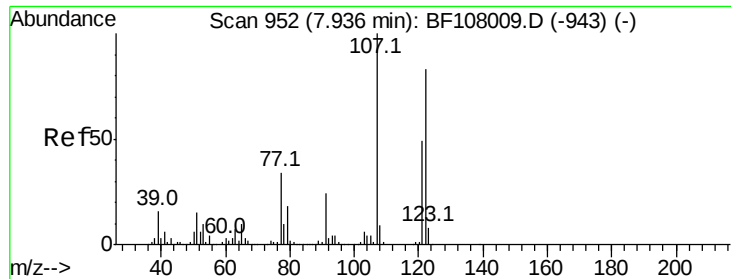
109 32.8 22.7 34.1

65 57.5 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





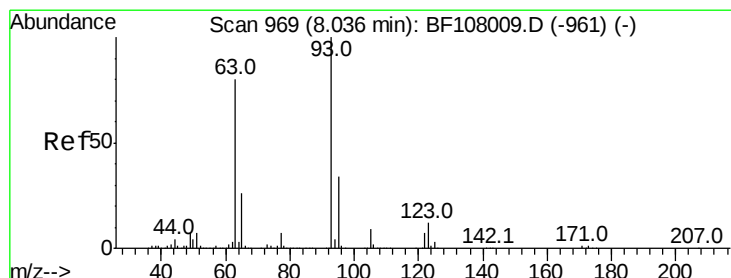
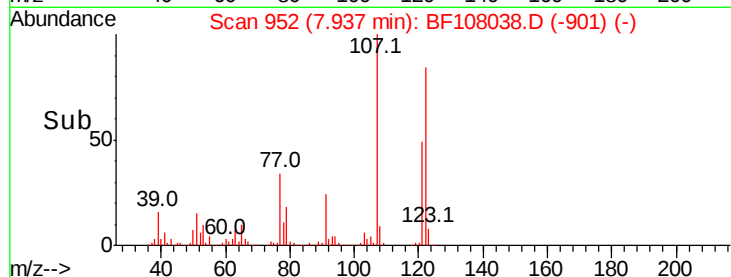
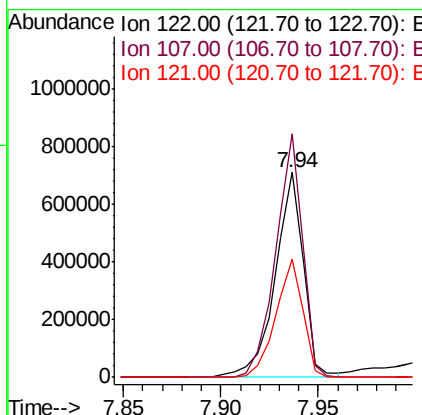
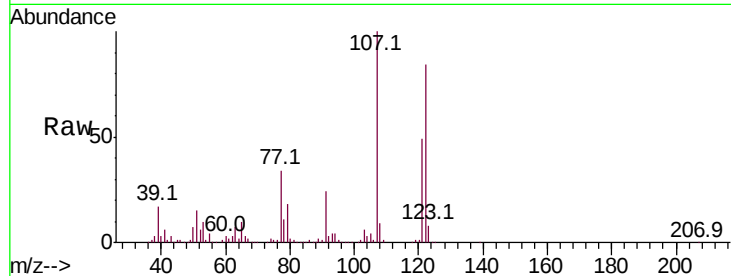
#27
2,4-Dimethylphenol
Concen: 40.462 ng
RT: 7.94 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	91.2	136.8
121	57.7	47.2	70.8

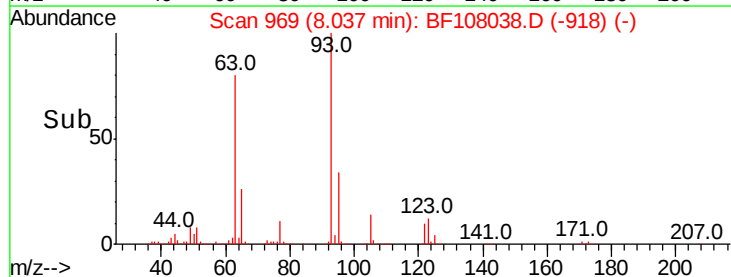
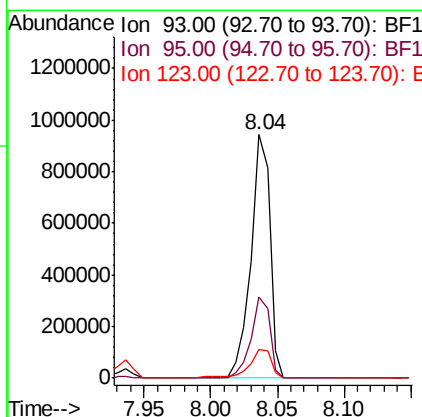
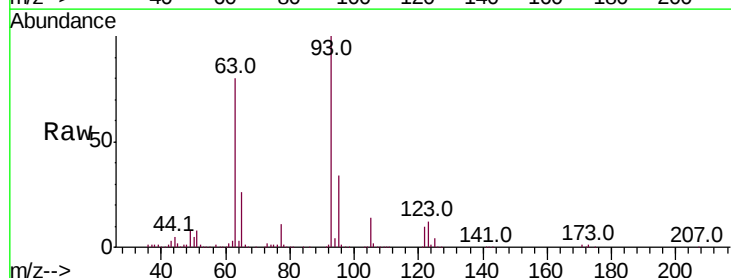
Manual Integrations
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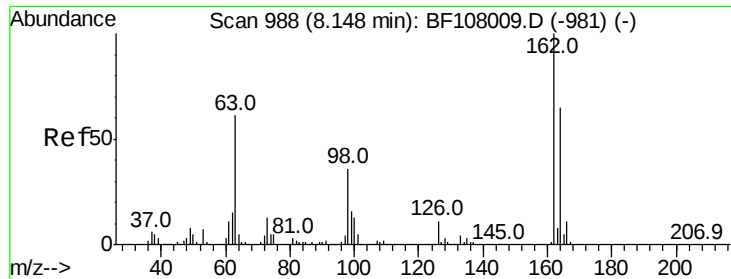
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.402 ng
RT: 8.04 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	11.7	9.8	14.6





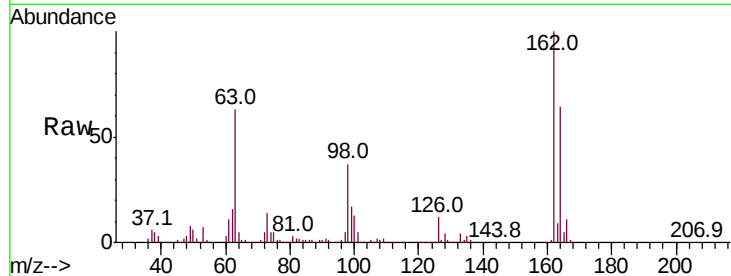
#29
2,4-Dichlorophenol
Concen: 41.075 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	666007		
164	64.5	42.7	82.7	
98	37.4	18.1	58.1	

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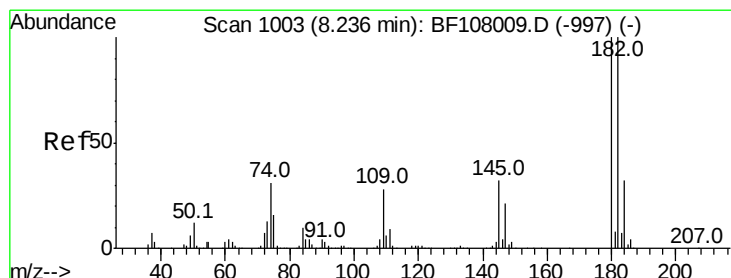
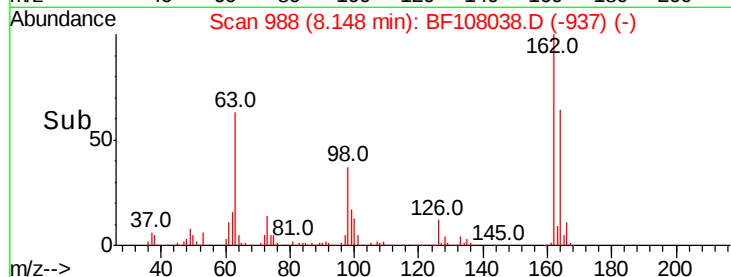
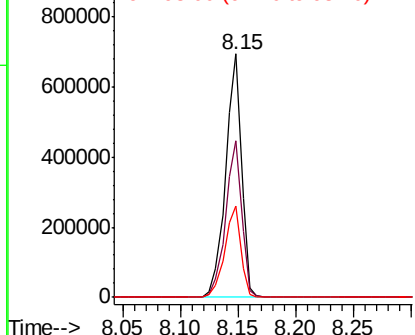


Abundance

Ion 162.00 (161.70 to 162.70): E

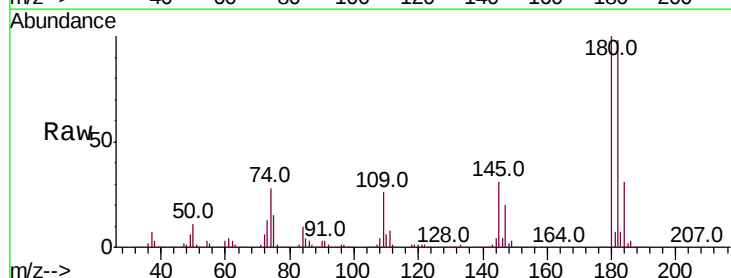
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.909 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	713451		
182	97.8	76.8	115.2	
145	31.2	26.5	39.7	

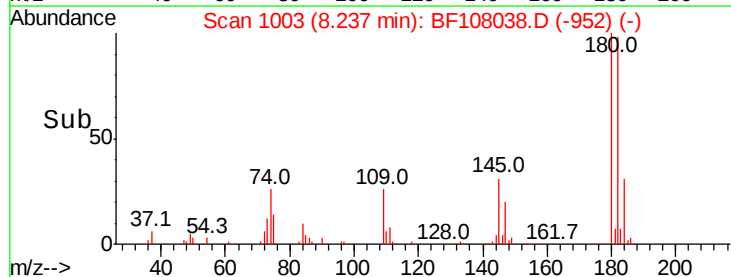
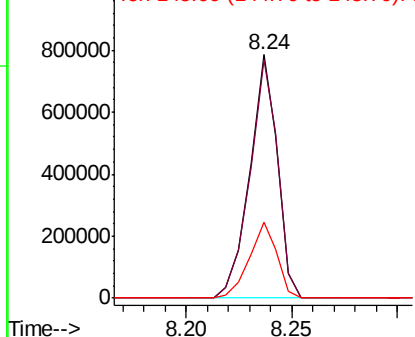


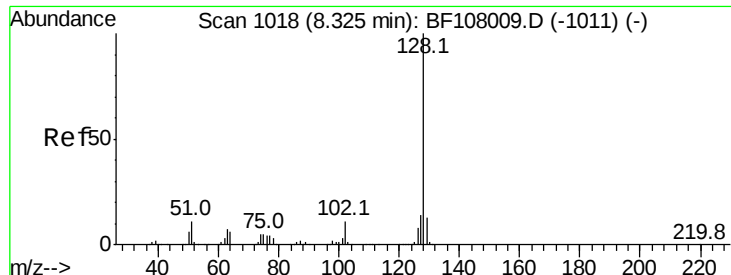
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





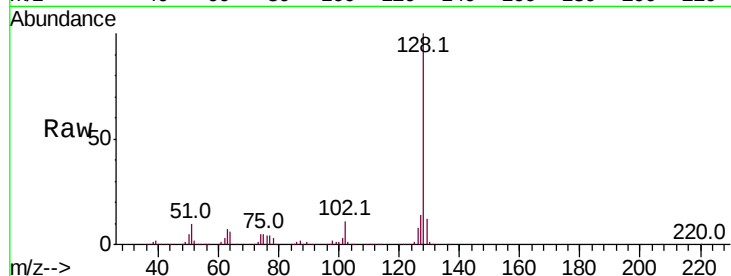
#31
Naphthalene
Concen: 39.537 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.4	10.9	16.3

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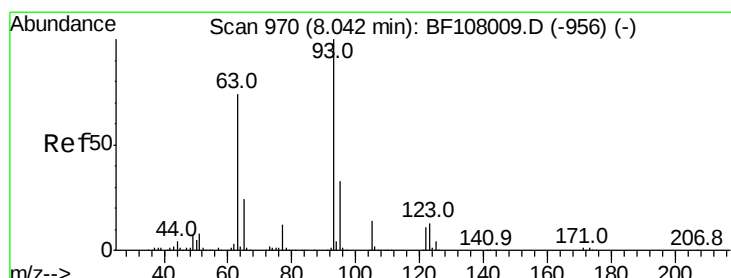
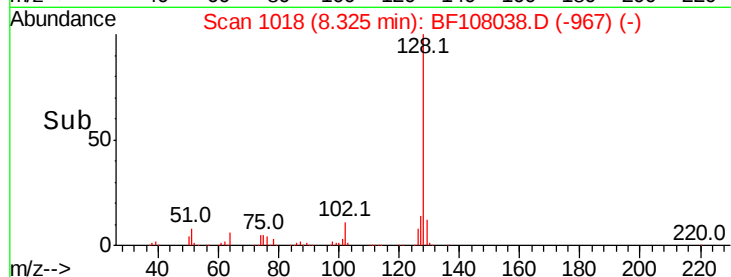
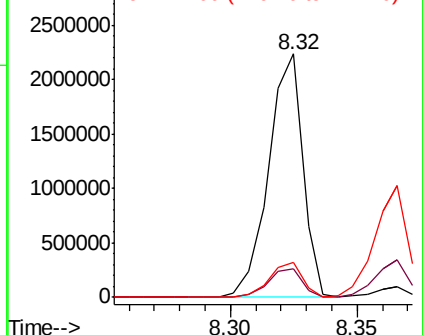


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.885 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

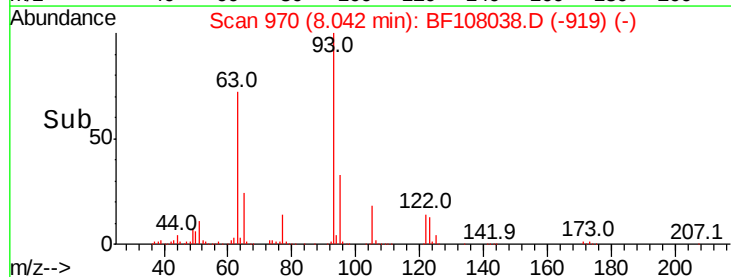
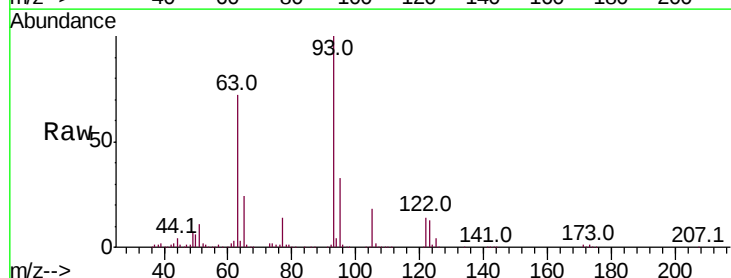
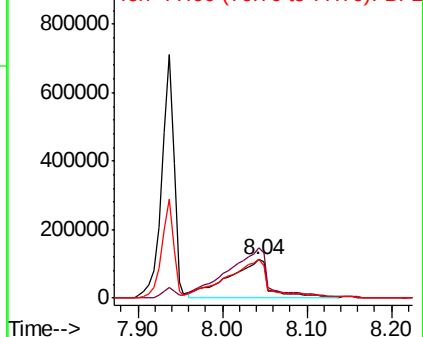
Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.9	101.1	141.1
77	102.5	70.7	110.7

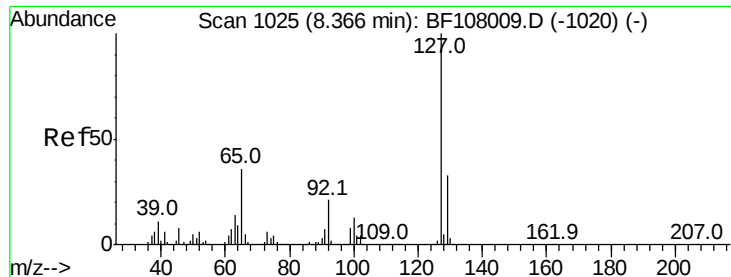
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





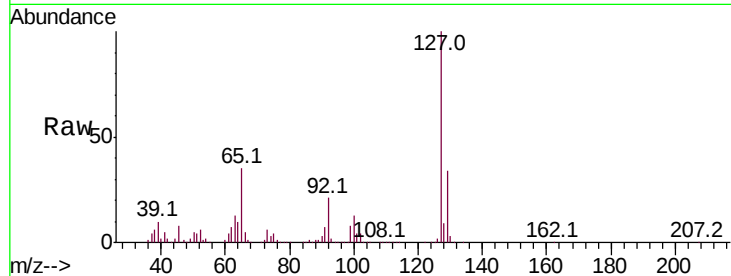
#33
4-Chloroaniline
Concen: 40.049 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	25.9	38.9	
65	34.7	25.0	37.4	
92	20.7	15.2	22.8	

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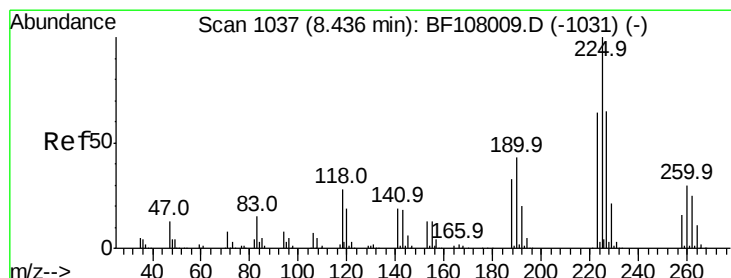
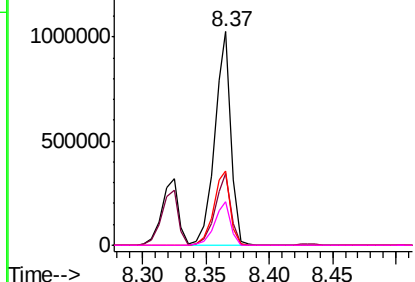
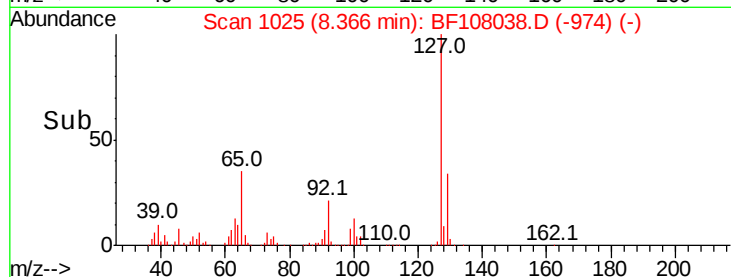
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

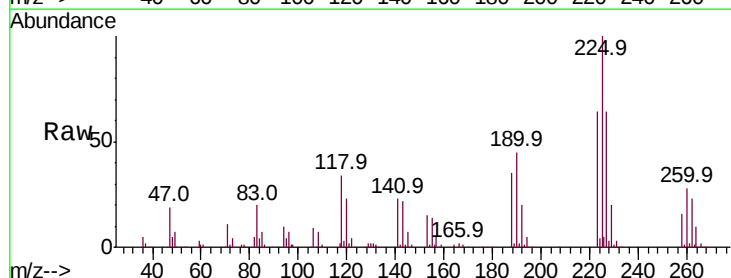
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.776 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.6	76.0	
227	63.8	51.9	77.9	

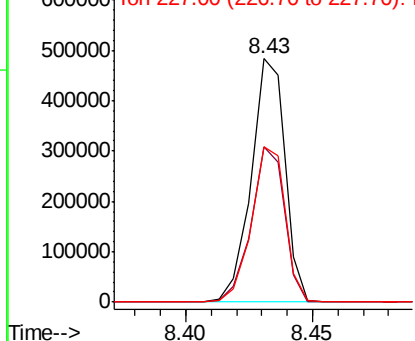
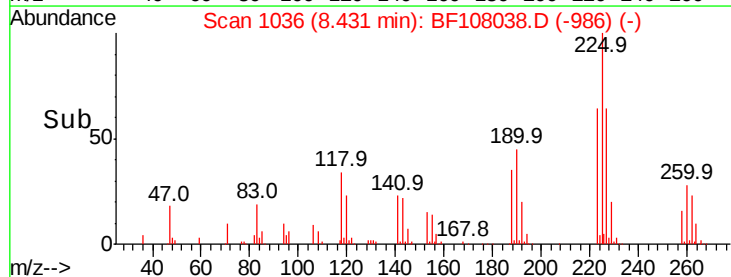


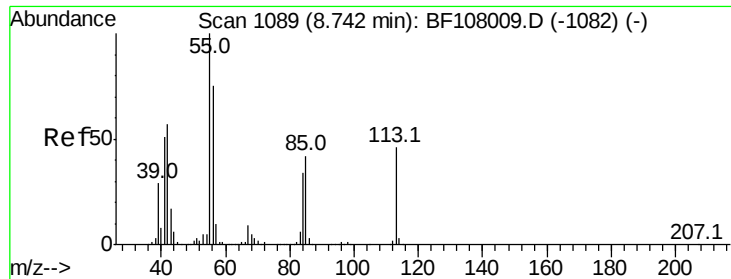
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





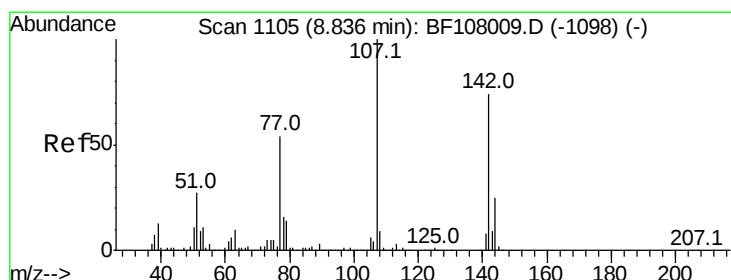
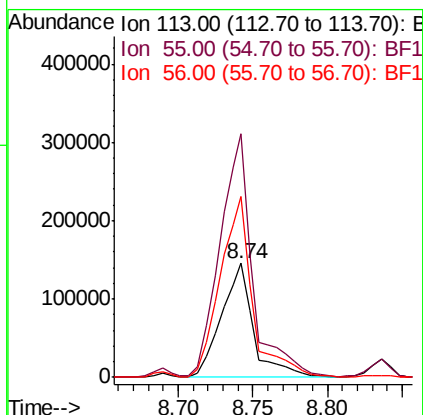
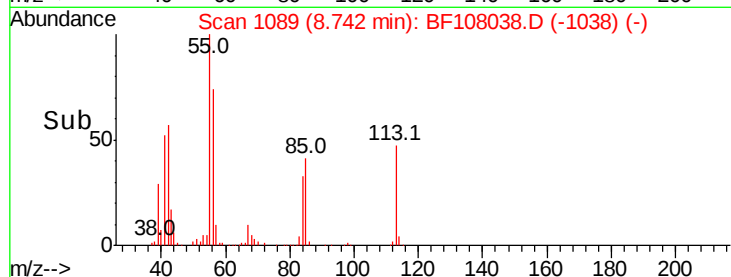
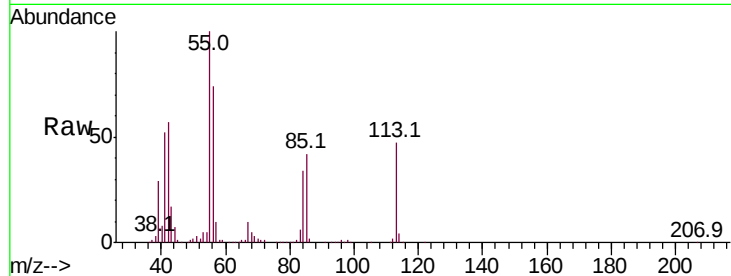
#35
 Caprolactam
 Concen: 43.046 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	213.5	163.3	203.3#
56	158.7	115.7	155.7#

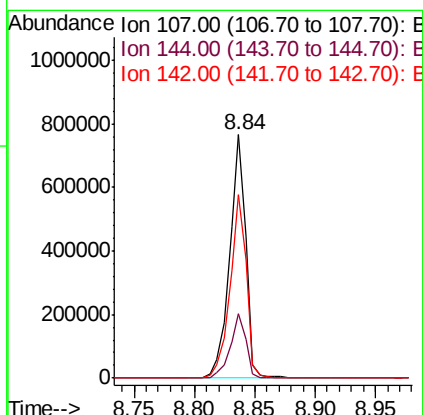
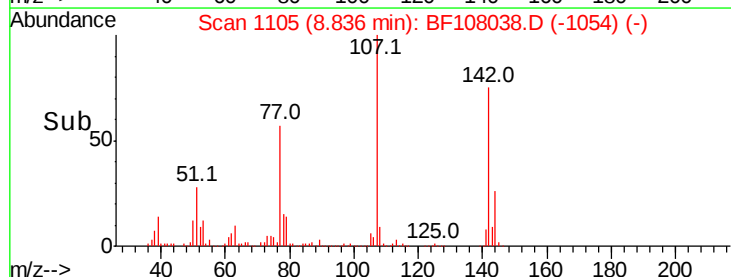
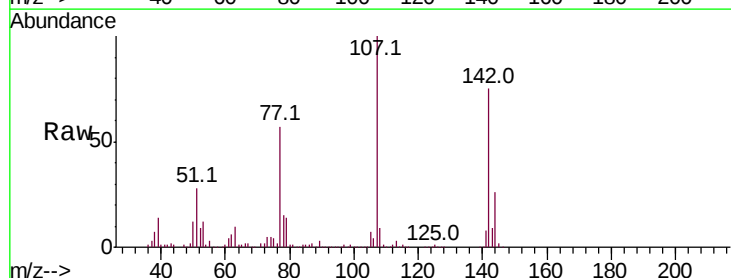
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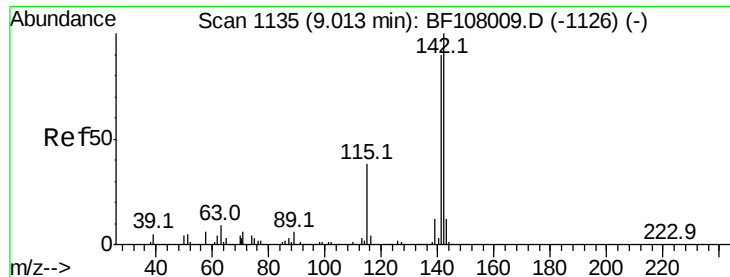
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#36
 4-Chloro-3-methylphenol
 Concen: 40.728 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	75.1	62.0	93.0





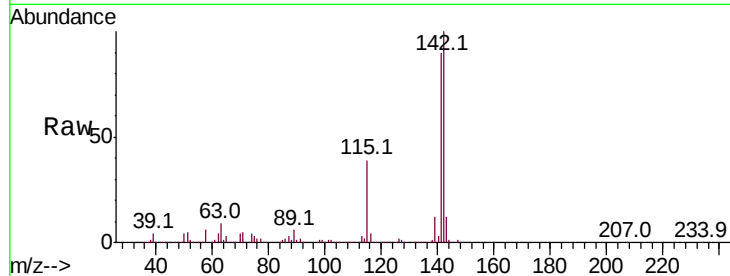
#37
2-Methylnaphthalene
Concen: 40.042 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	38.6	26.1	39.1

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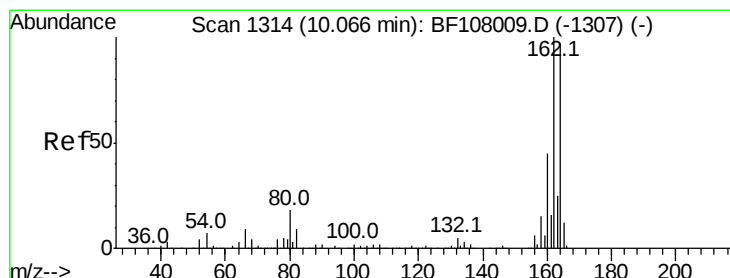
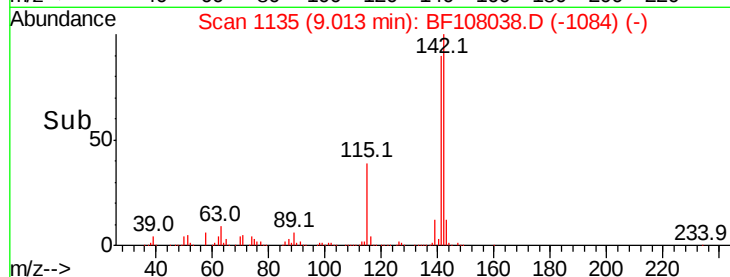
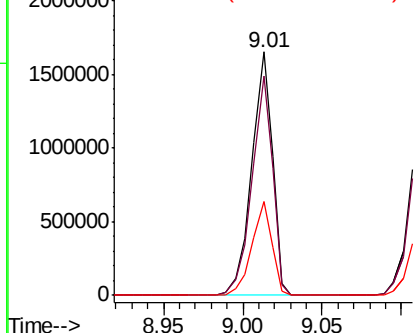


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

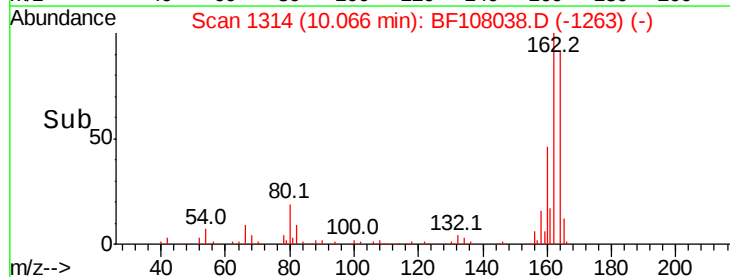
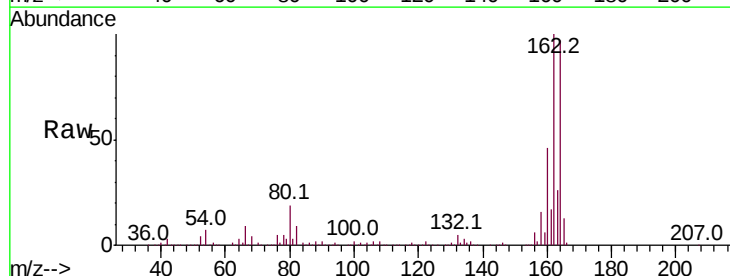
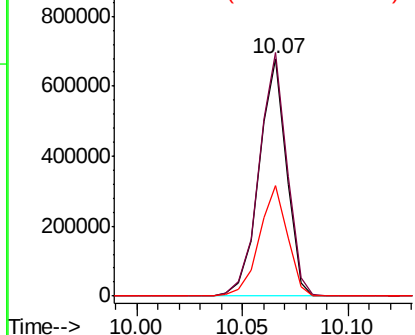
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.7	38.3	57.5

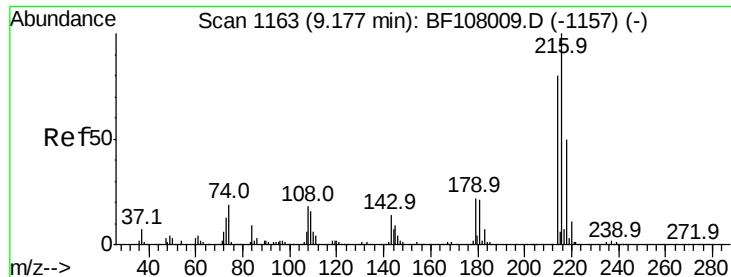
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





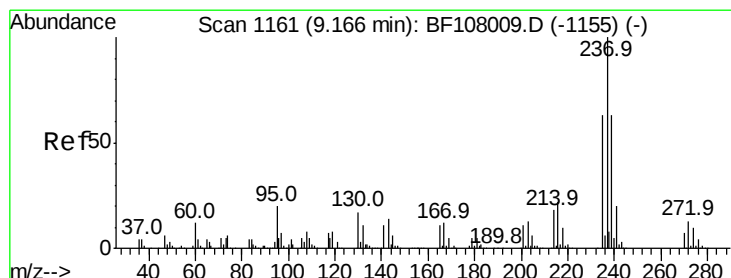
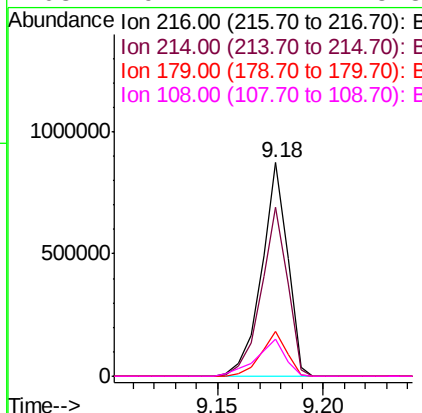
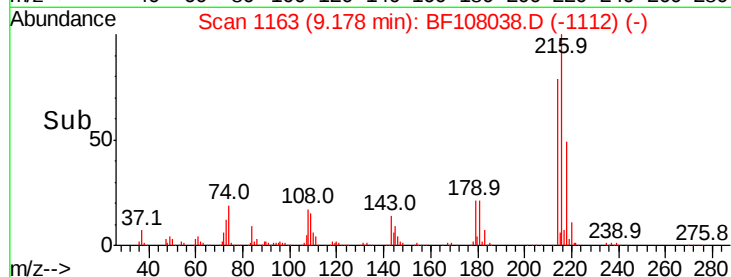
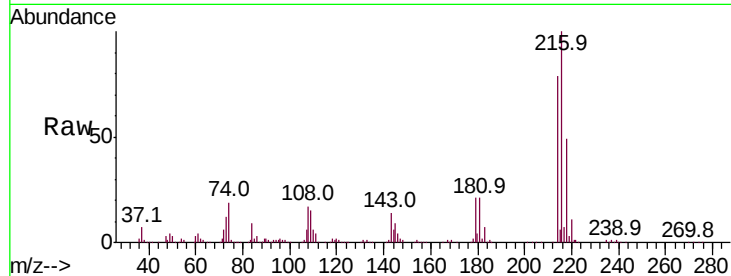
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.569 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	747910		
214	79.8	63.0	94.4	
179	20.8	18.1	27.1	
108	19.7	17.2	25.8	

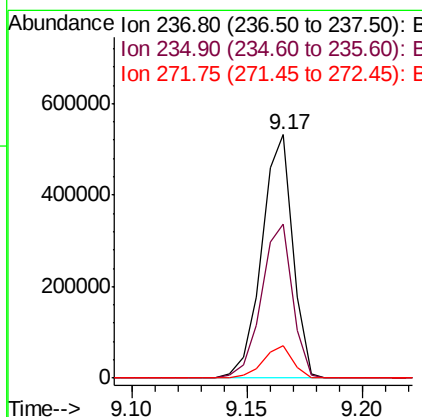
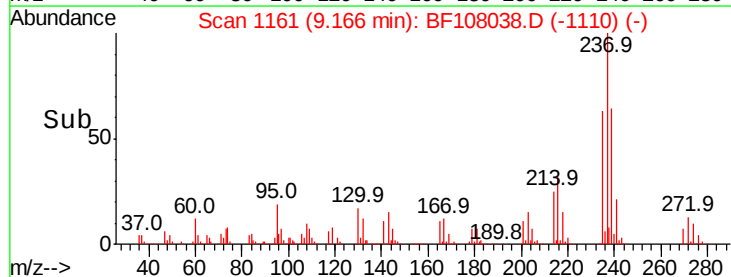
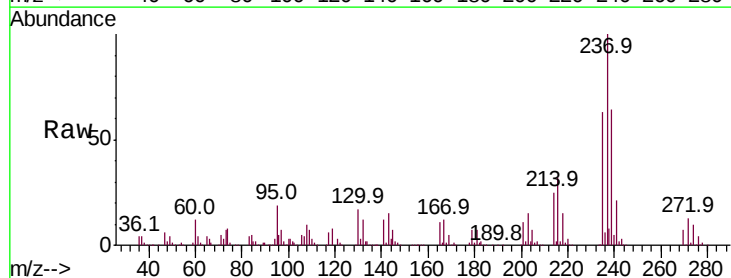
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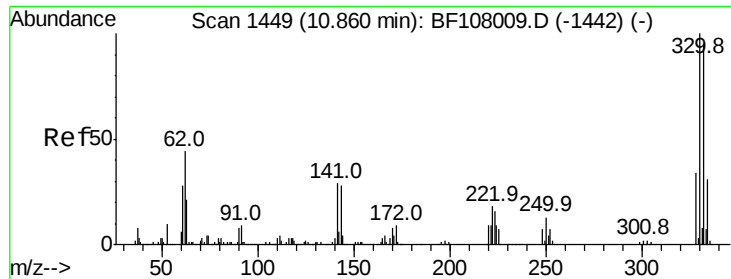
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#40
 Hexachlorocyclopentadiene
 Concen: 40.803 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	498157		
235	63.3	44.8	84.8	
272	13.3	0.0	33.3	





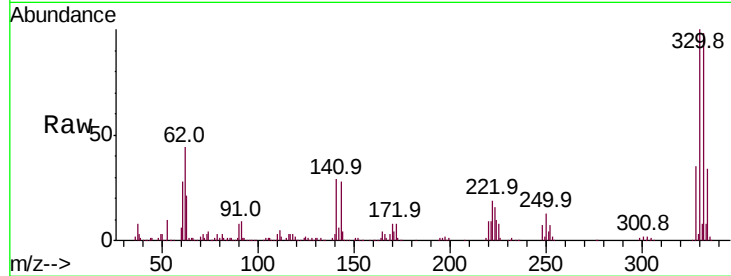
#41
 2,4,6-Tribromophenol
 Concen: 83.377 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.1	29.9	44.9

Manual Integrations
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Sohil
 8/9/2018 5:01:48 PM

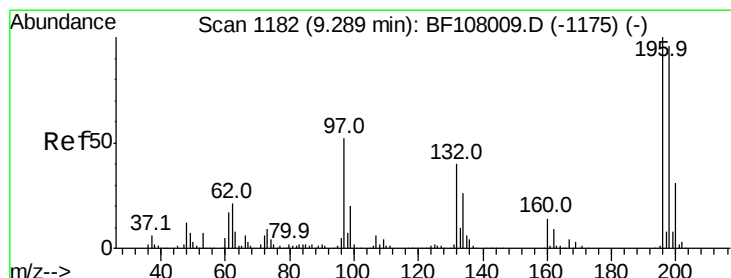
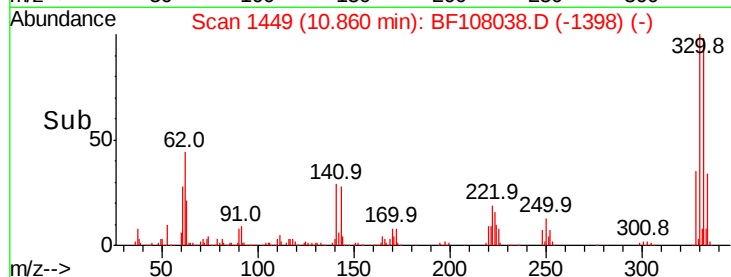
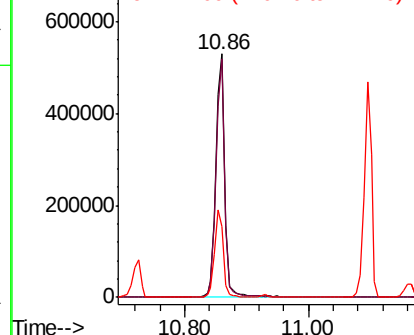


Abundance

Ion 329.80 (329.50 to 330.50): E

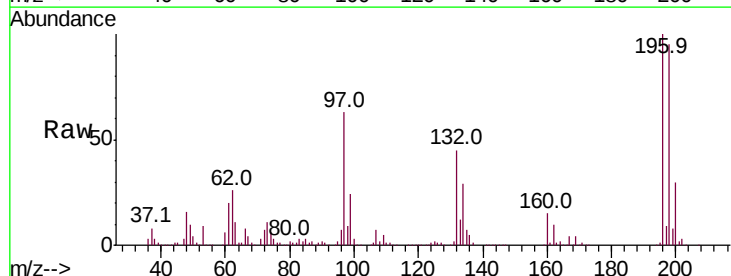
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.985 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.1	24.5	36.7

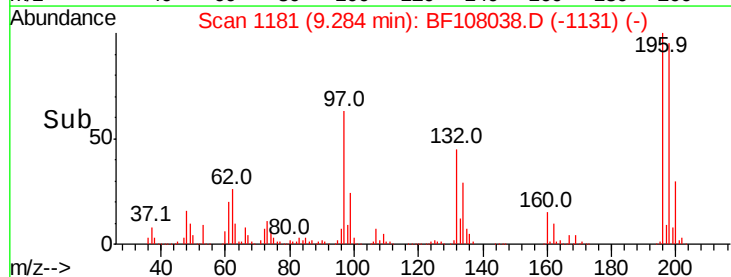
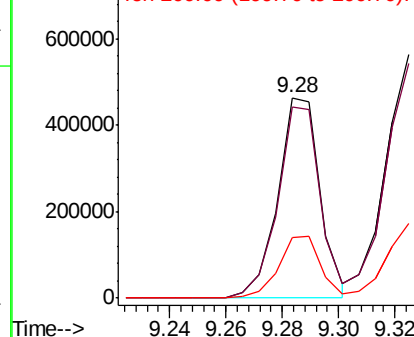


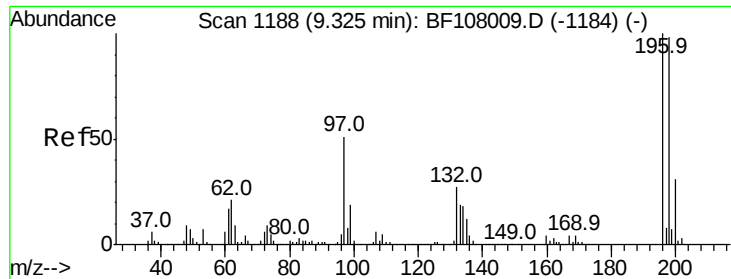
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





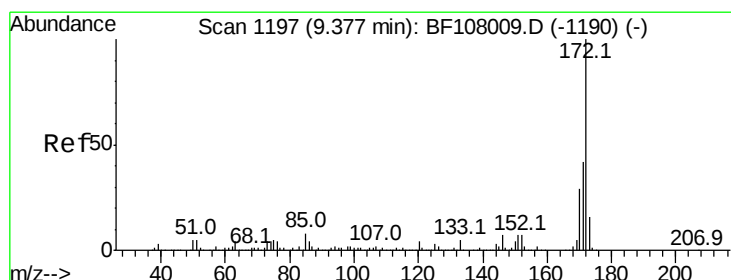
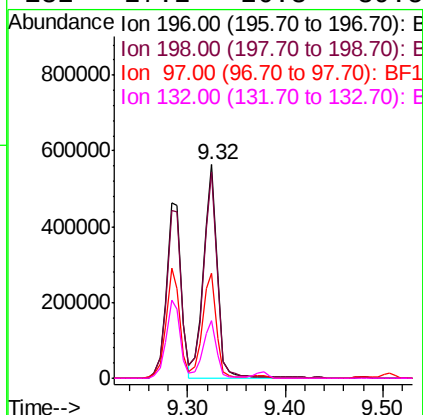
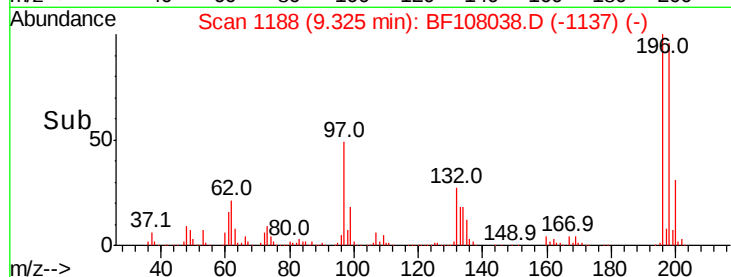
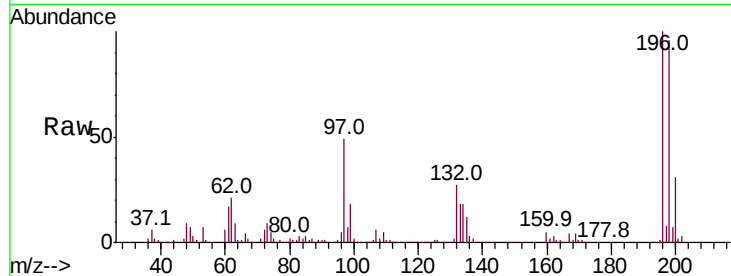
#43
 2,4,5-Trichlorophenol
 Concen: 42.617 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	550272		
198	96.4	74.6	112.0	
97	49.3	42.9	64.3	
132	27.2	26.3	39.5	

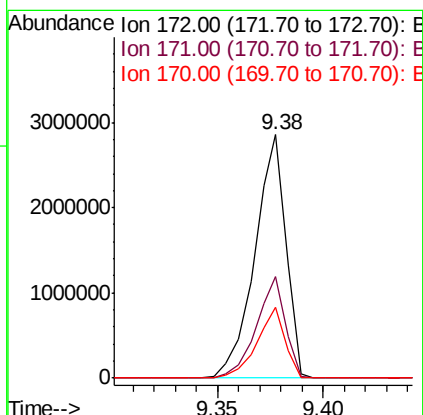
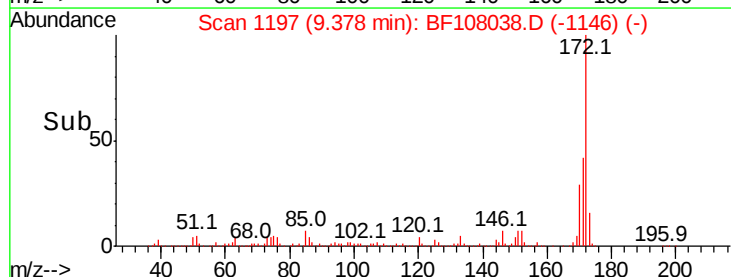
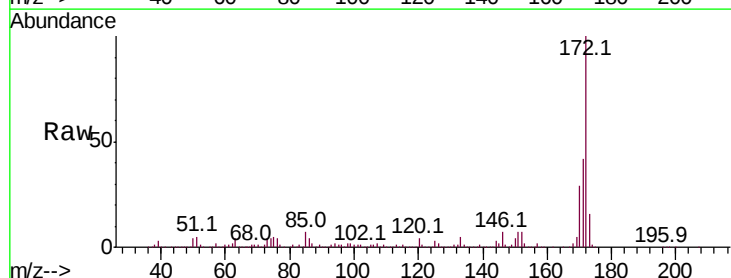
Manual Integrations
 APPROVED

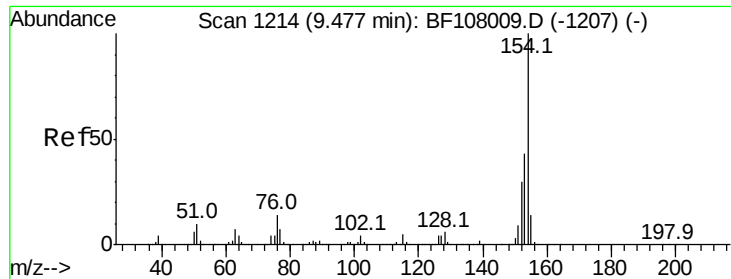
Sohil
 8/9/2018 5:01:48 PM



#44
 2-Fluorobiphenyl
 Concen: 76.072 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2916445		
171	41.5	29.7	44.5	
170	28.9	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 38.987 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1769279

Ion Ratio Lower Upper

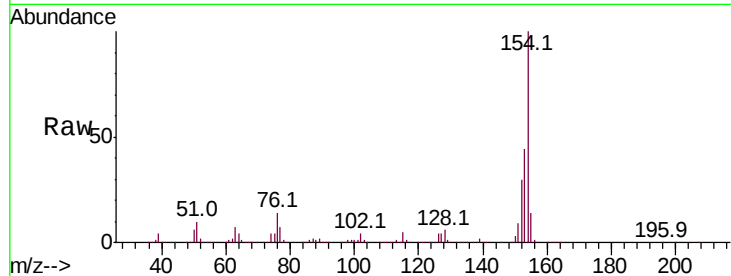
154 100

153 43.6 21.3 61.3

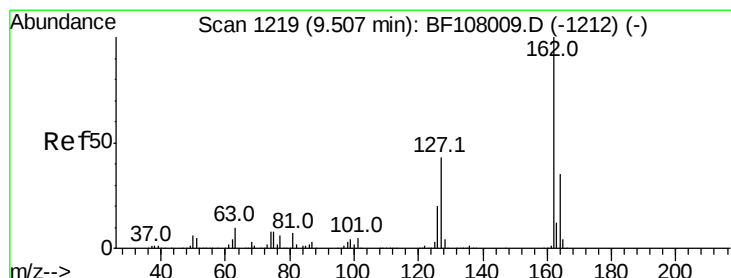
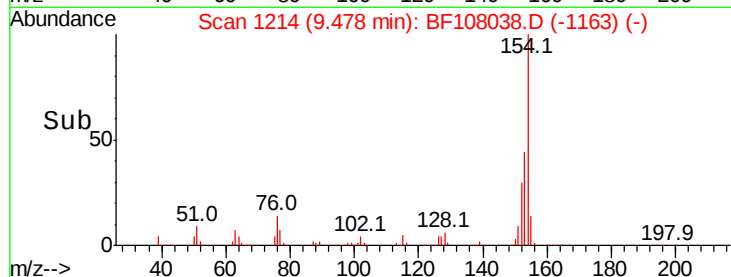
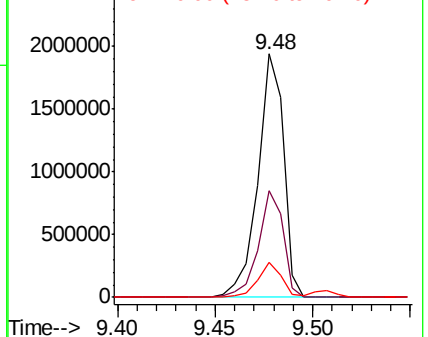
76 14.3 0.0 34.0

Manual Integrations
APPROVED

Sohil
8/9/2018 5:01:48 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: 39.538 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

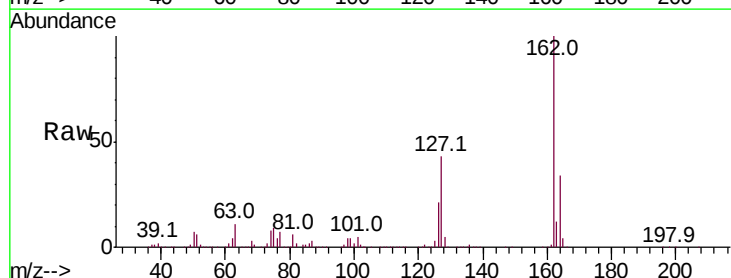
Tgt Ion:162 Resp: 1418123

Ion Ratio Lower Upper

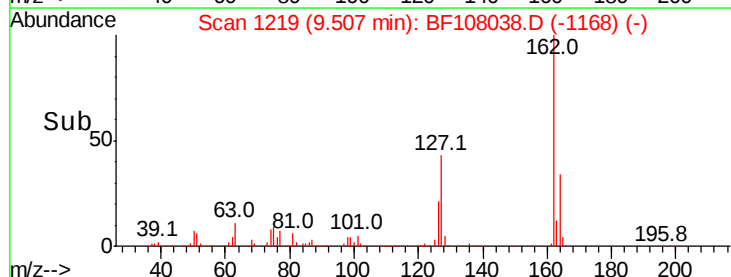
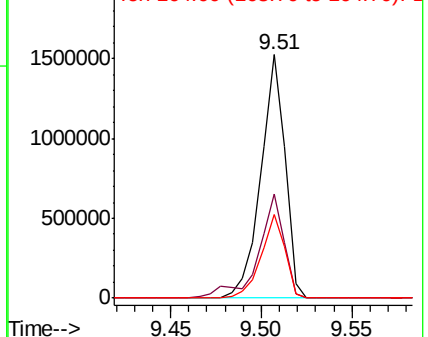
162 100

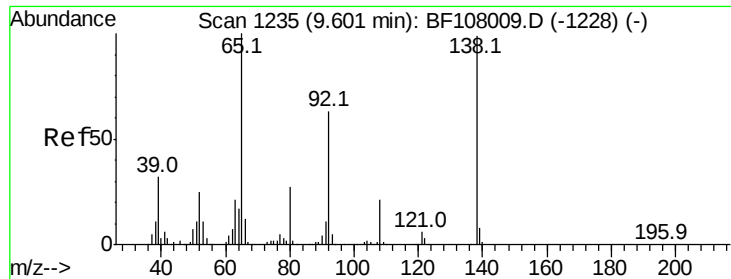
127 42.5 33.9 50.9

164 34.4 26.5 39.7



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





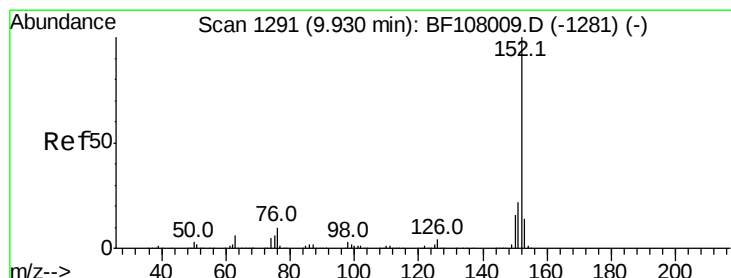
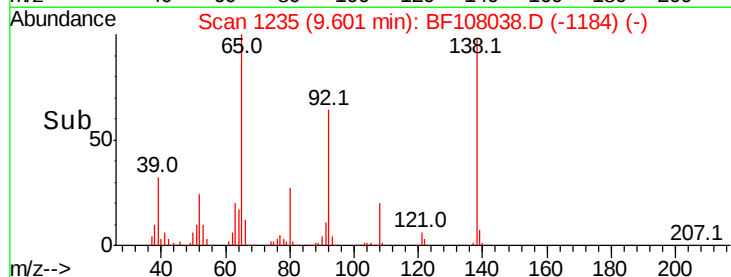
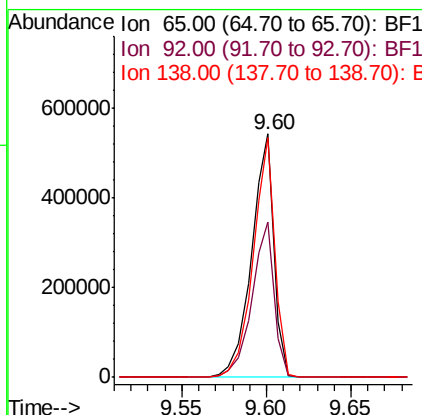
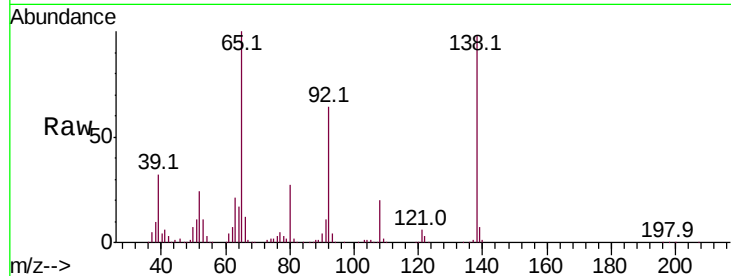
#47
2-Nitroaniline
Concen: 43.148 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	55.8	83.6
138	98.3	91.2	136.8

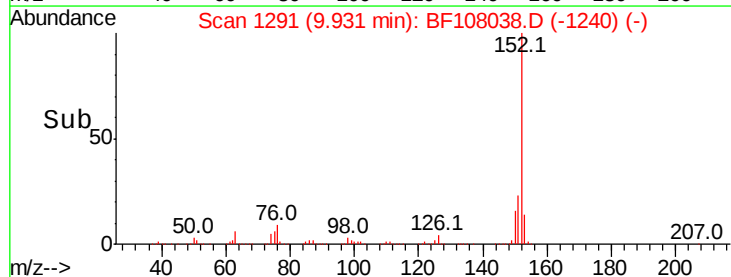
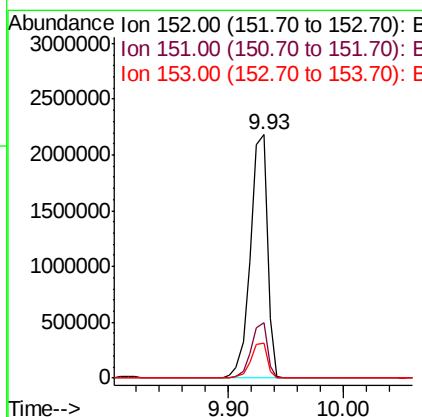
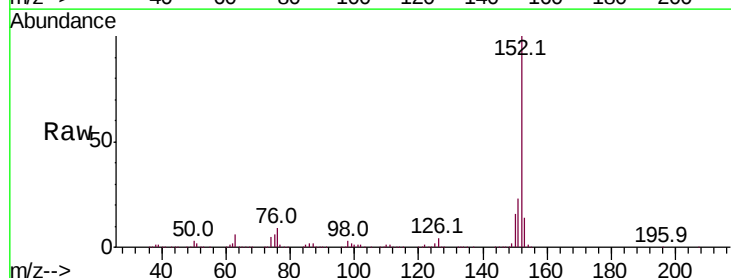
Manual Integrations
APPROVED

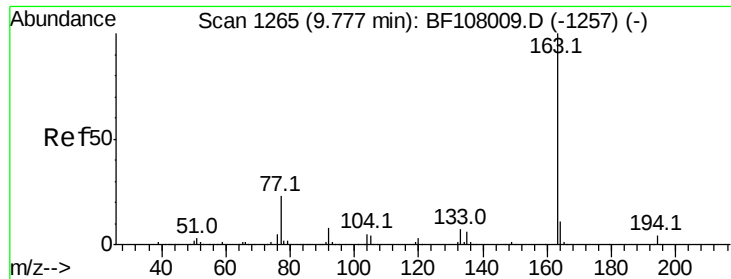
Sohil
8/9/2018 5:01:48 PM



#48
Acenaphthylene
Concen: 39.374 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.3	24.5
153	14.2	10.7	16.1





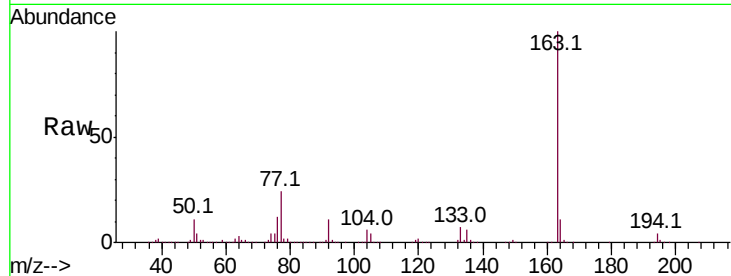
#49
Dimethylphthalate
Concen: 39.373 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.0	8.2	12.2

Manual Integrations
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Sohil
8/9/2018 5:01:48 PM

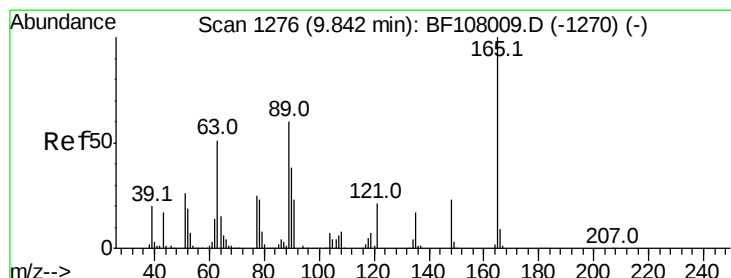
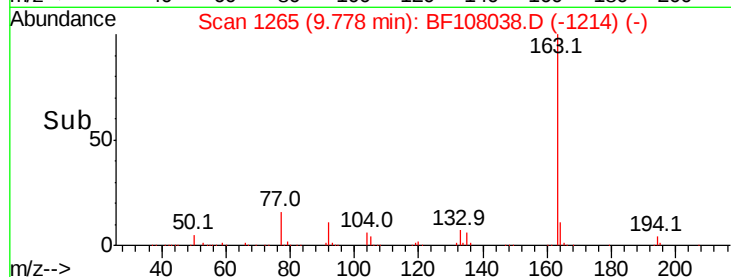
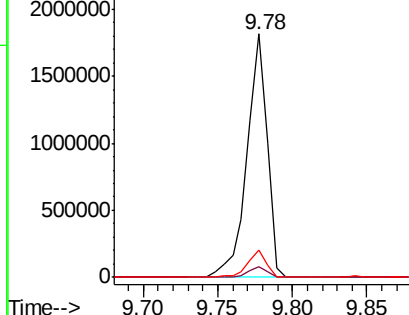


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 41.713 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

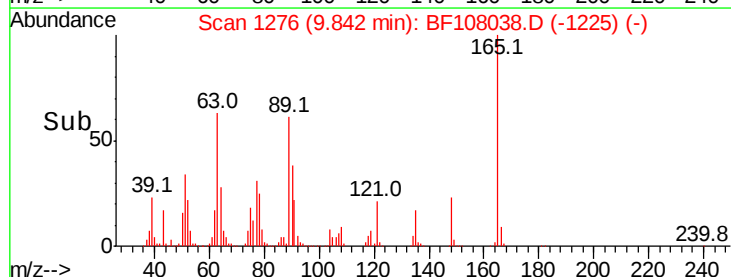
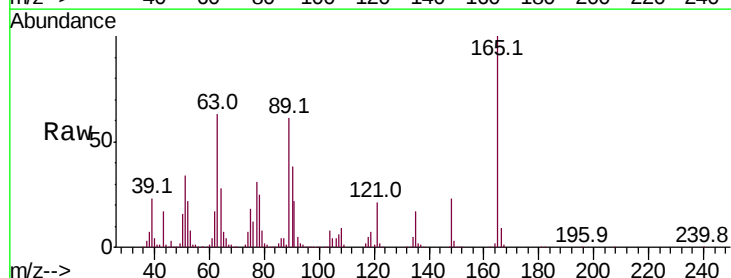
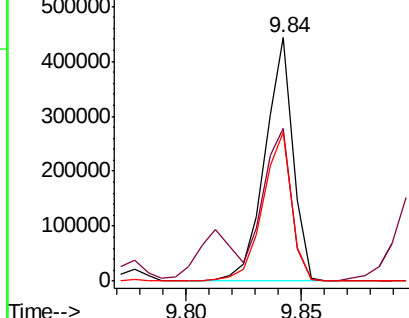
Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.9	44.7	67.1
89	61.2	44.0	66.0

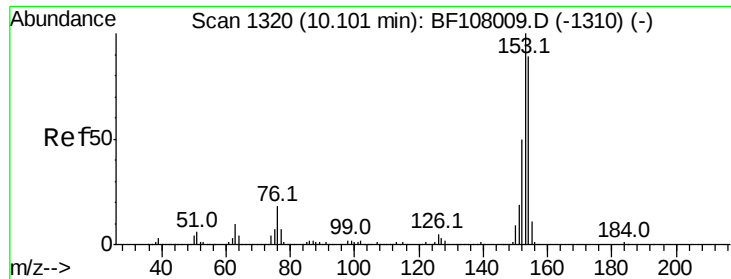
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.596 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1375219

Ion Ratio Lower Upper

154 100

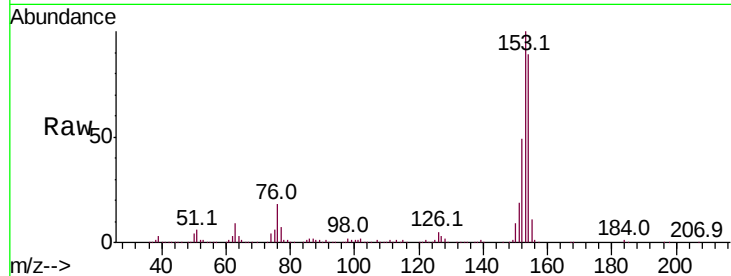
153 111.8 91.2 136.8

152 55.3 43.8 65.8

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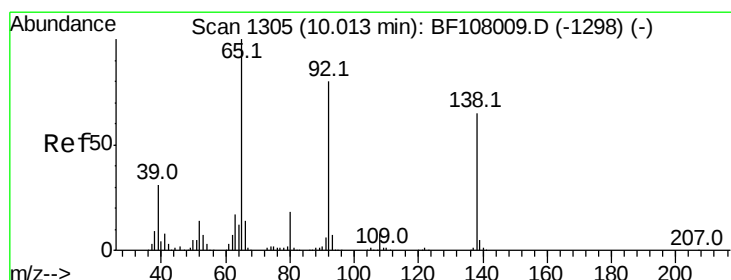
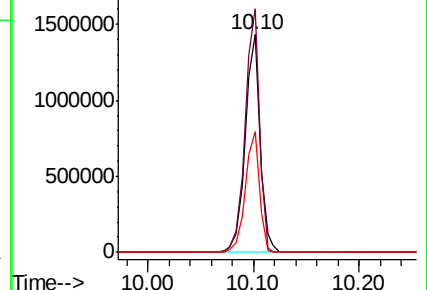
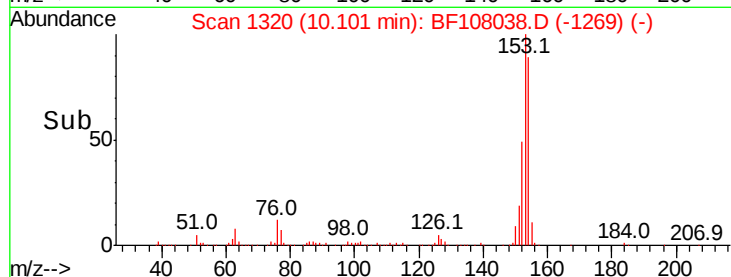
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.587 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

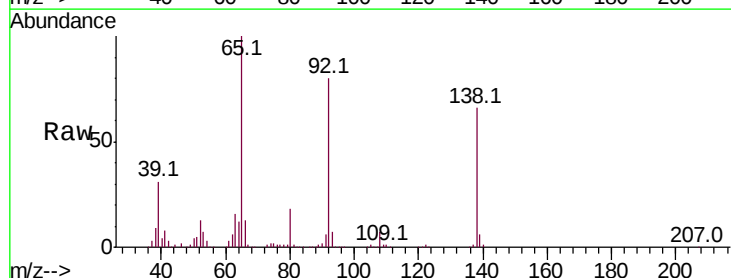
Tgt Ion:138 Resp: 417976

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

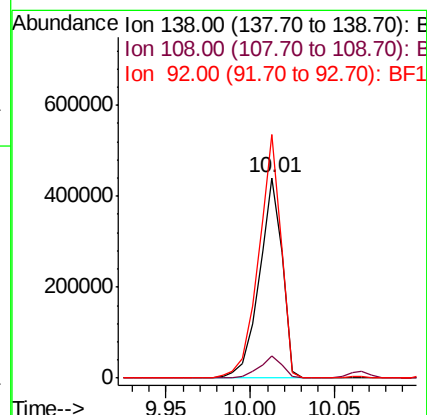
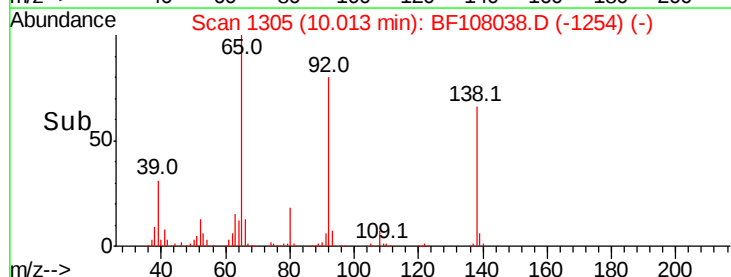
92 121.4 89.4 134.2

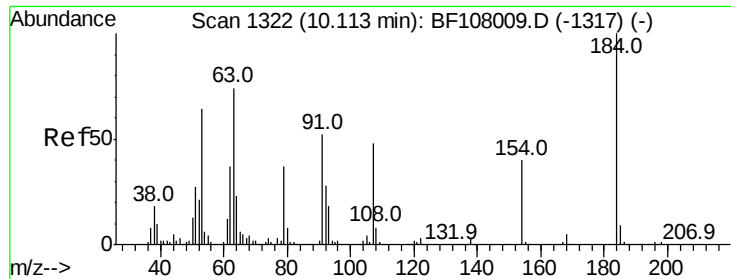


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





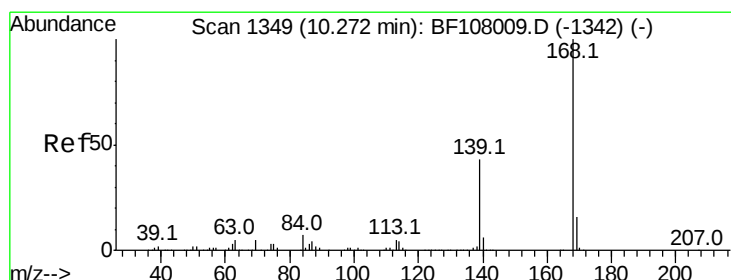
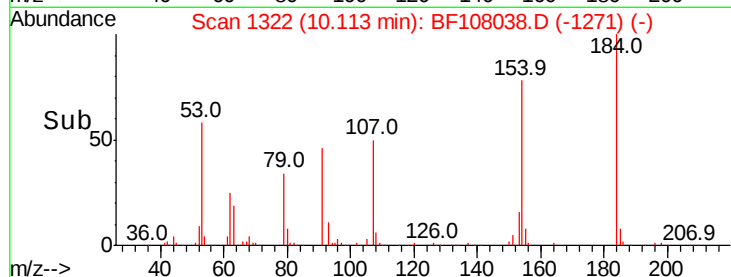
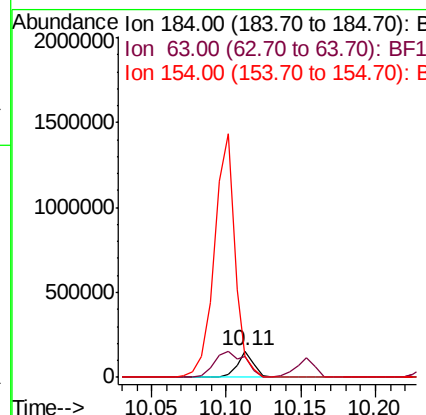
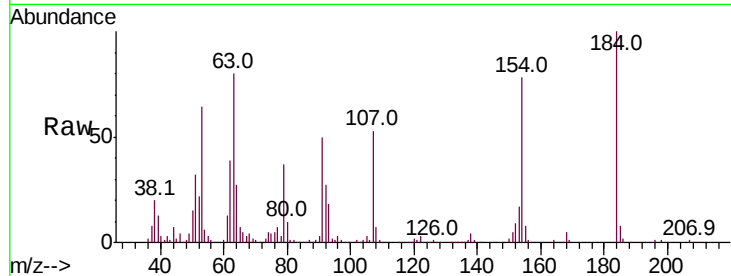
#53
2,4-Dinitrophenol
Concen: 40.205 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	80.2	54.2	81.2
154	78.4	184.0	276.0#

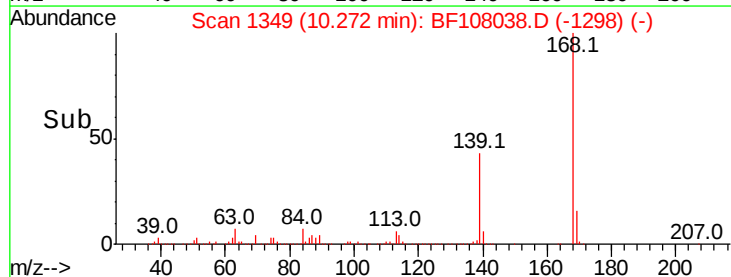
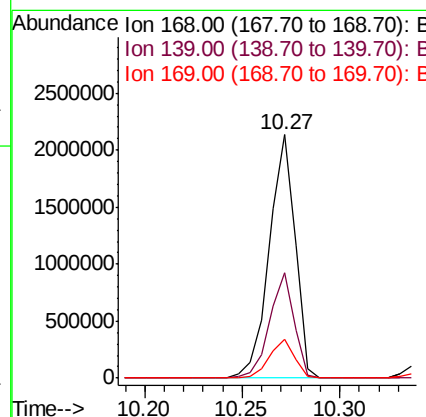
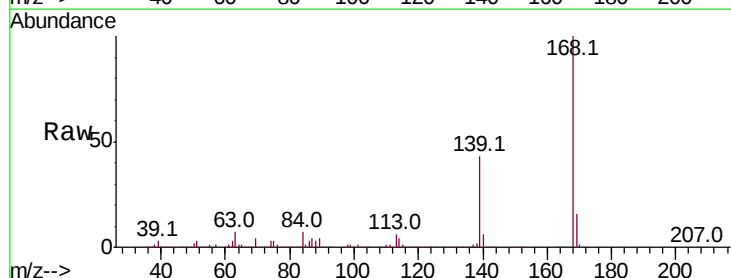
Manual Integrations
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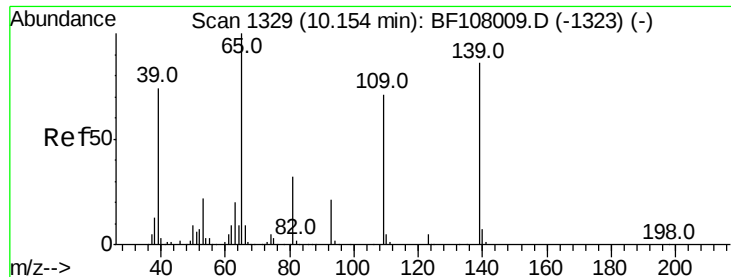
Sohil
8/9/2018 5:01:48 PM



#54
Dibenzofuran
Concen: 38.954 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.2	30.1	45.1
169	15.7	10.9	16.3





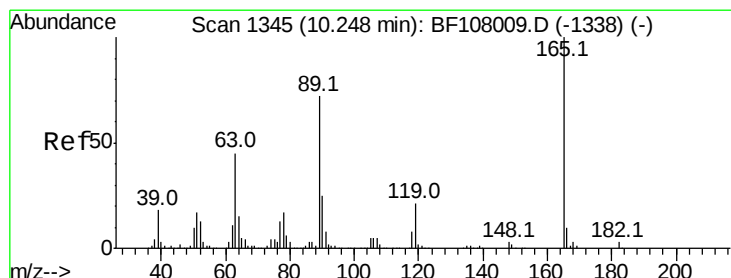
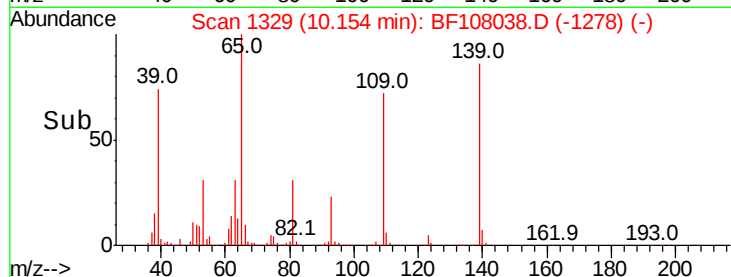
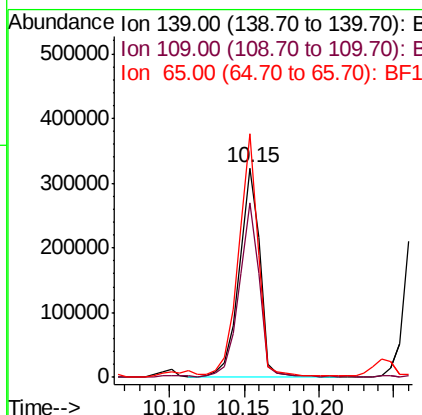
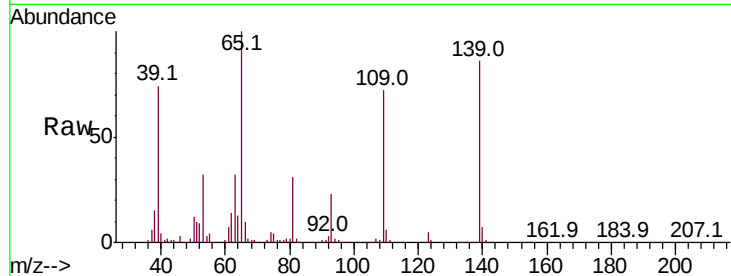
#55
4-Nitrophenol
Concen: 41.557 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.6	48.4	88.4	
65	116.5	72.6	112.6	

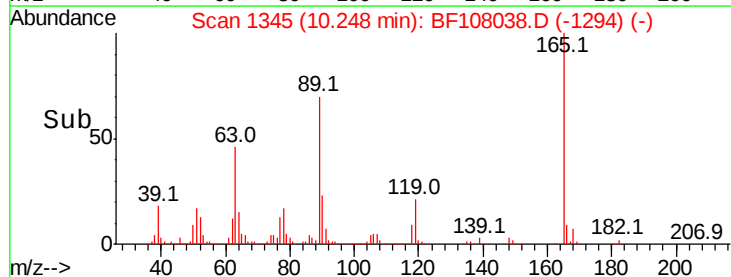
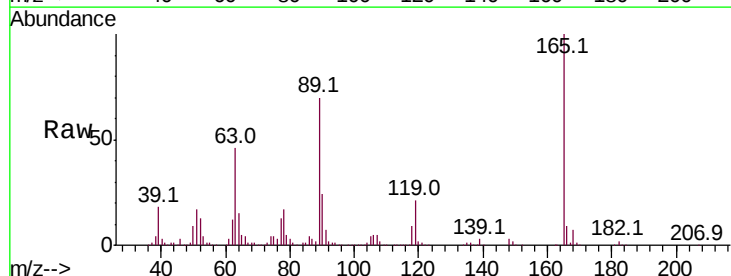
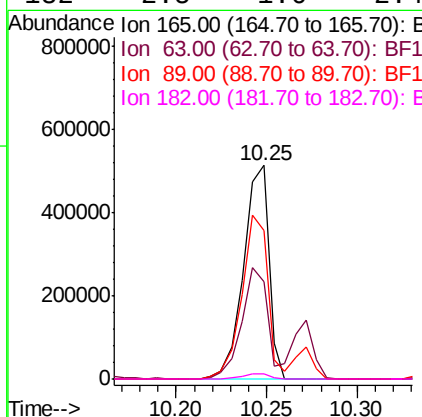
Manual Integrations
APPROVED

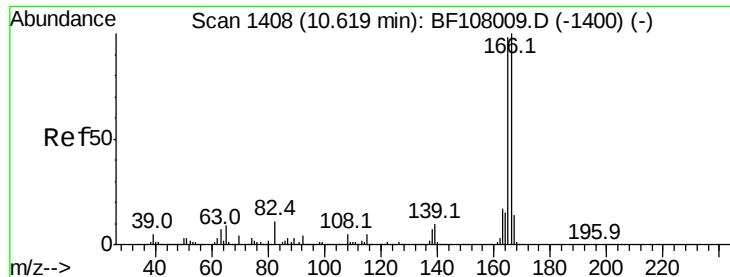
Sohil
8/9/2018 5:01:48 PM



#56
2,4-Dinitrotoluene
Concen: 43.426 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.8	36.4	54.6	
89	69.6	57.8	86.6	
182	2.5	1.6	2.4	





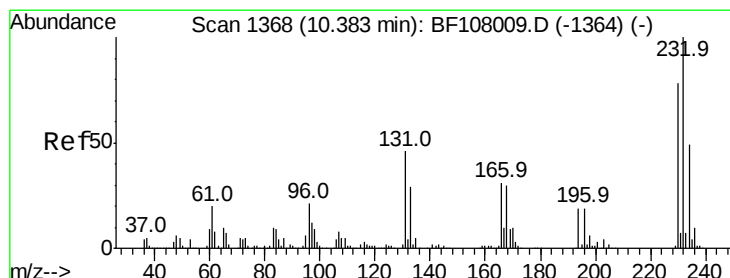
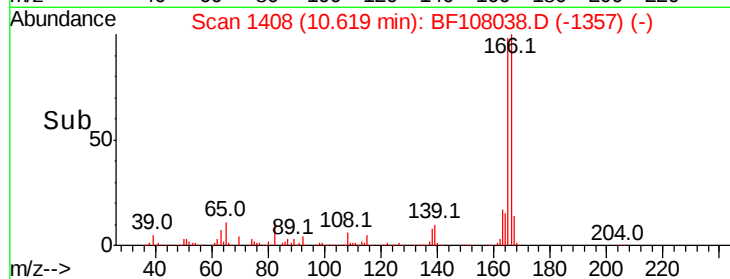
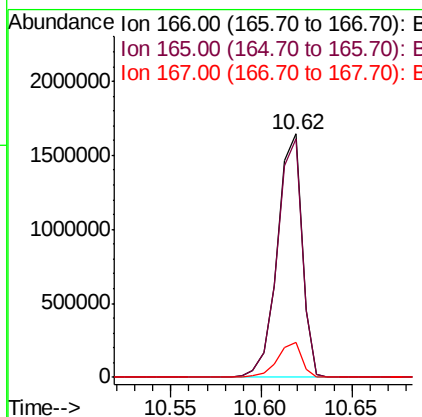
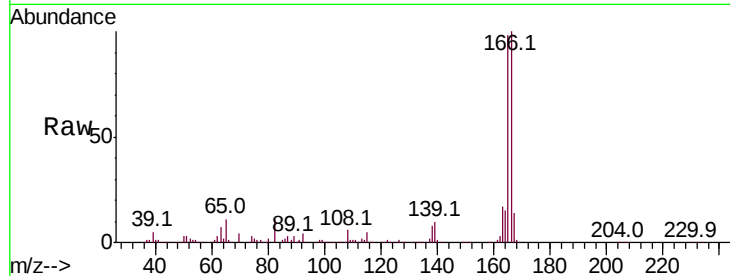
#57
 Fluorene
 Concen: 39.197 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	14.3	10.6	16.0

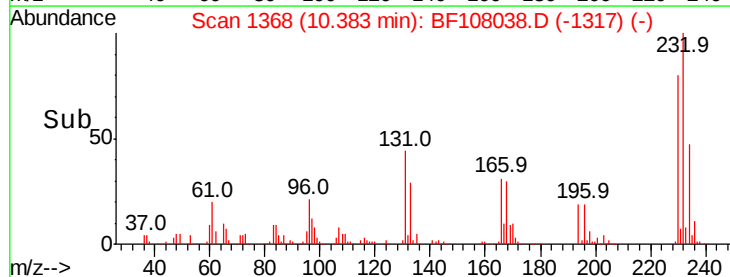
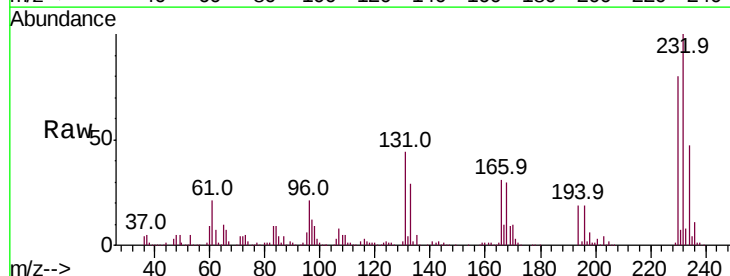
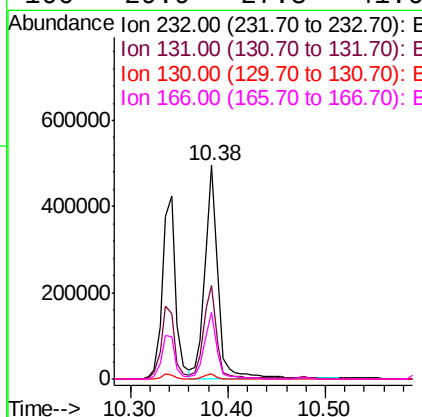
Manual Integrations
 APPROVED

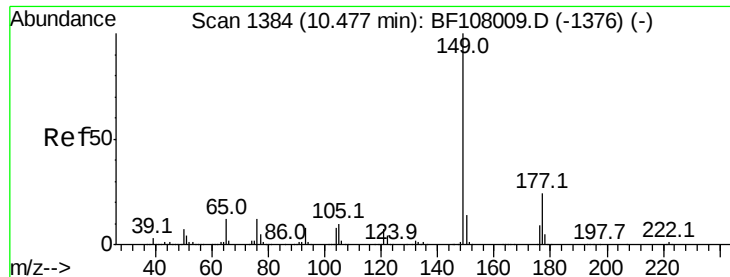
Sohil
 8/9/2018 5:01:48 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.431 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	43.8	65.8#
130	2.3	2.1	3.1
166	29.9	27.8	41.6





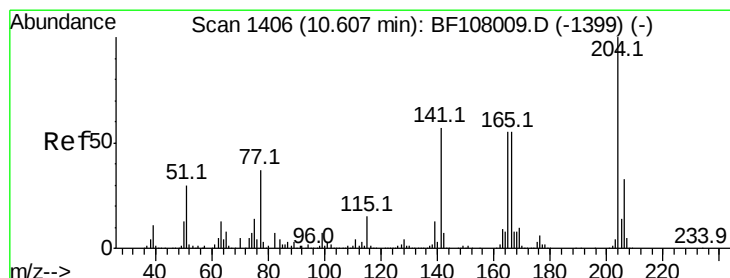
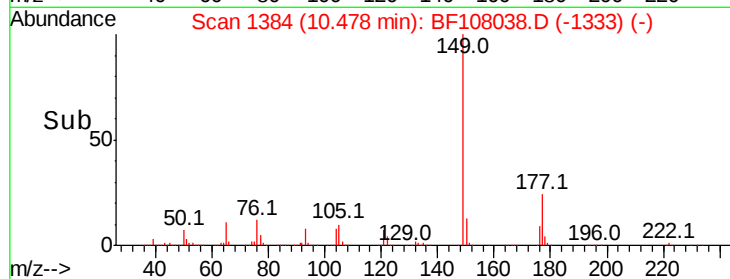
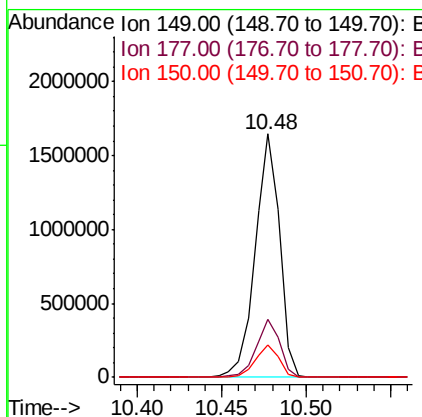
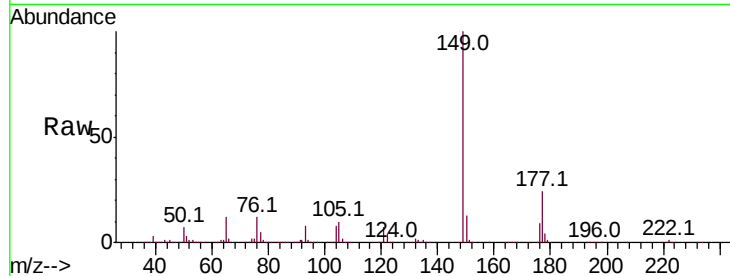
#59
Diethylphthalate
Concen: 39.825 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	16.1	24.1
150	13.5	10.1	15.1

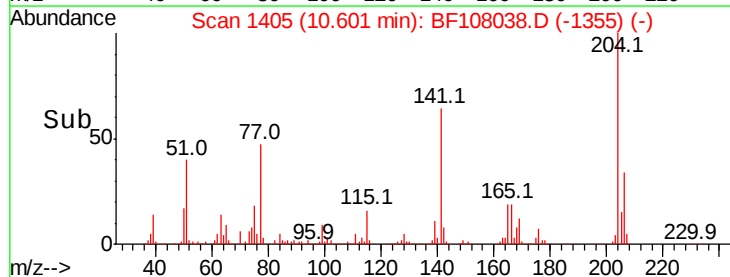
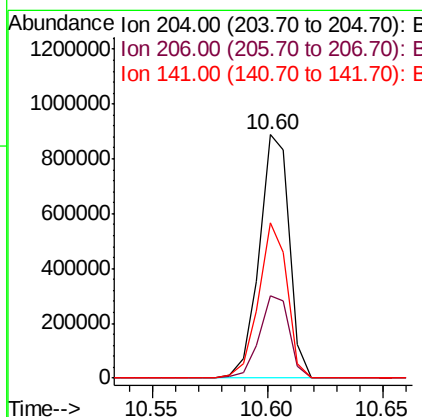
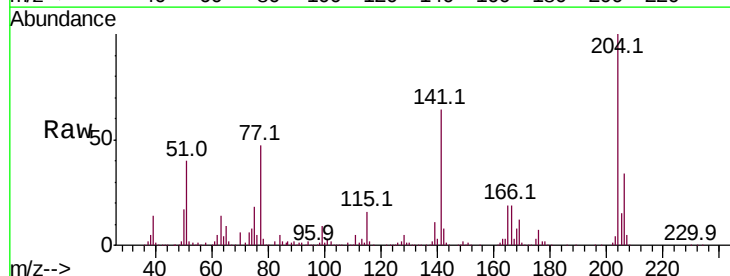
Manual Integrations
APPROVED

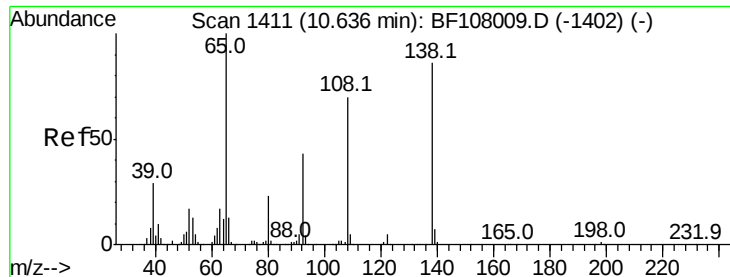
Sohil
8/9/2018 5:01:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.879 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.5	39.7
141	63.6	54.6	81.8





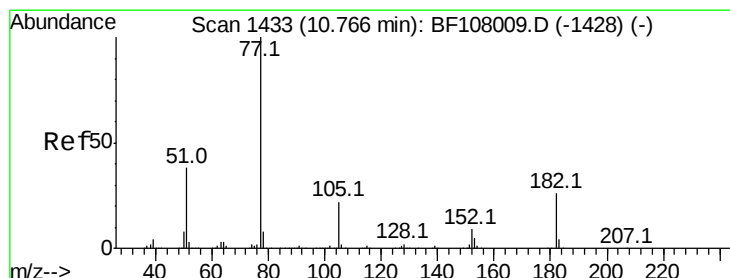
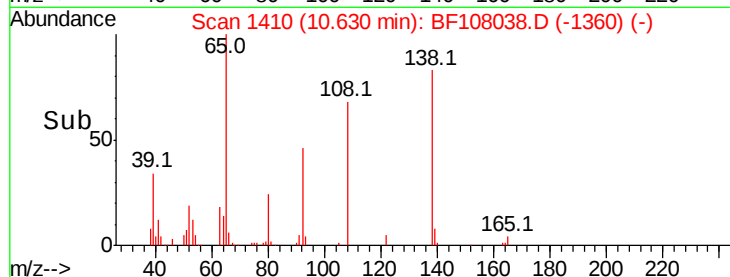
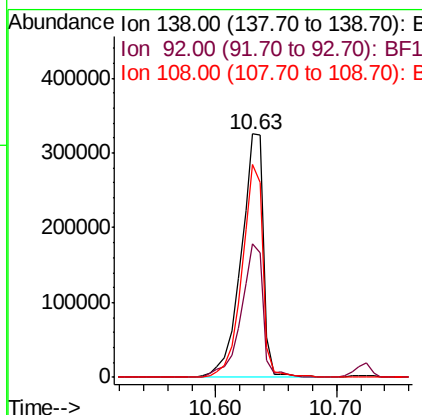
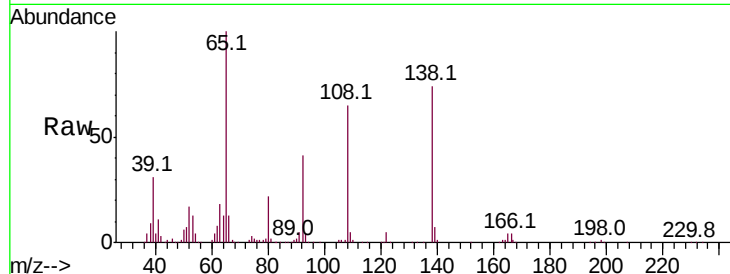
#61
4-Nitroaniline
Concen: 43.339 ng
RT: 10.63 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.0	30.2	70.2
108	87.6	52.5	92.5

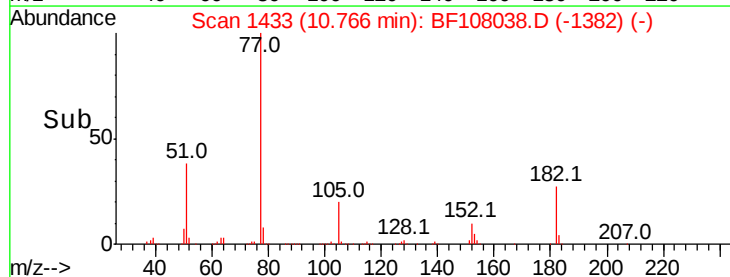
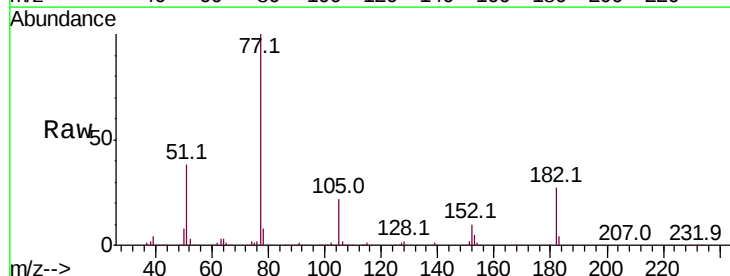
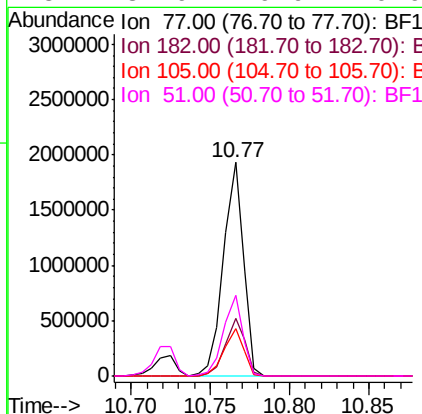
Manual Integrations
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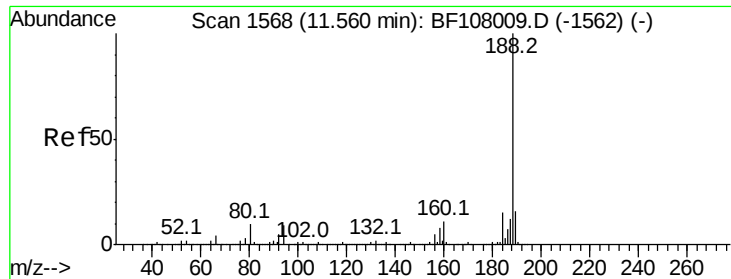
Sohil
8/9/2018 5:01:48 PM



#62
Azobenzene
Concen: 39.608 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.7	41.7
105	22.1	3.0	43.0
51	37.9	9.9	49.9





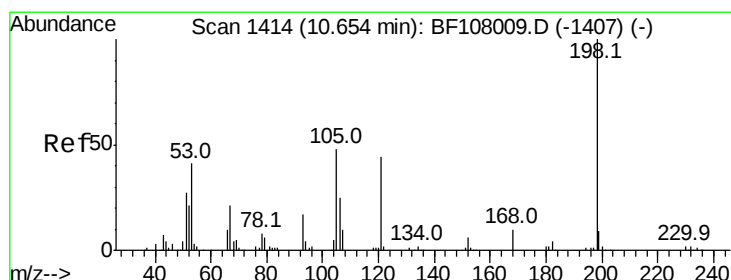
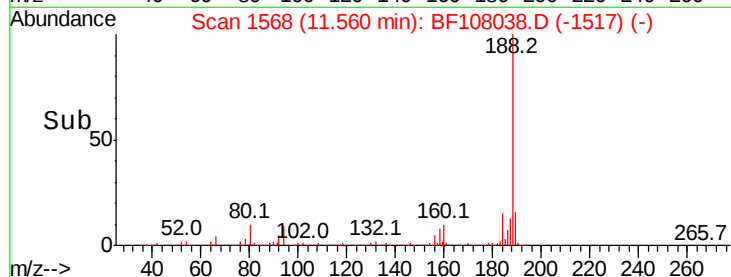
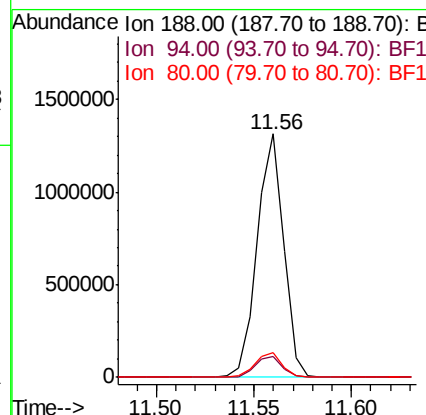
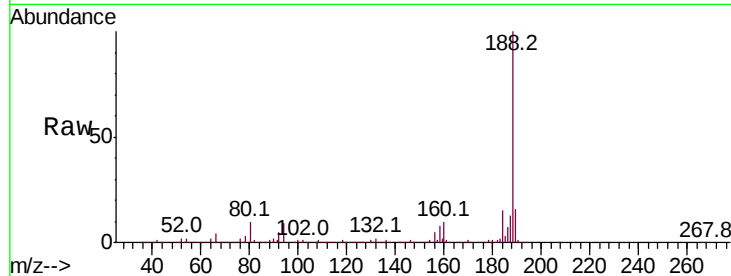
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.9	9.2	13.8

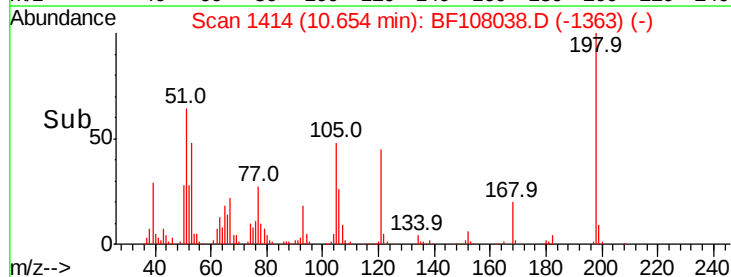
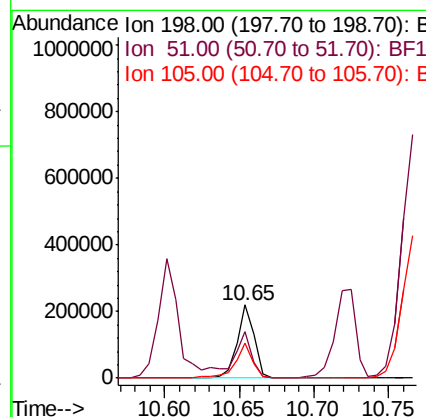
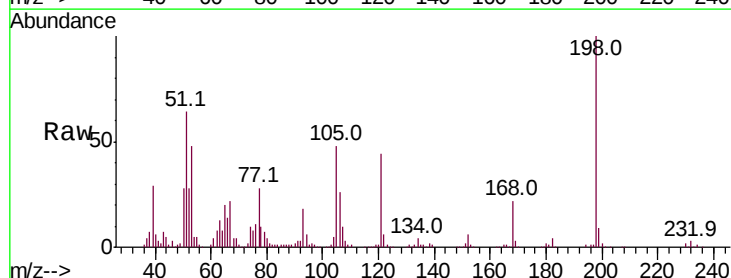
Manual Integrations
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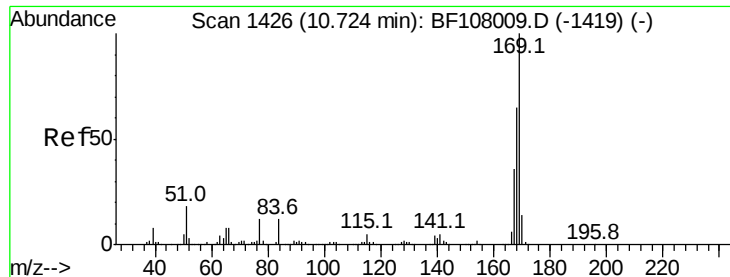
Sohil
8/9/2018 5:01:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.091 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	63.6	37.7	77.7
105	48.3	36.3	76.3





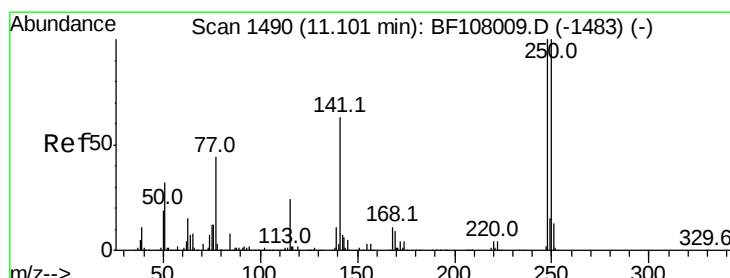
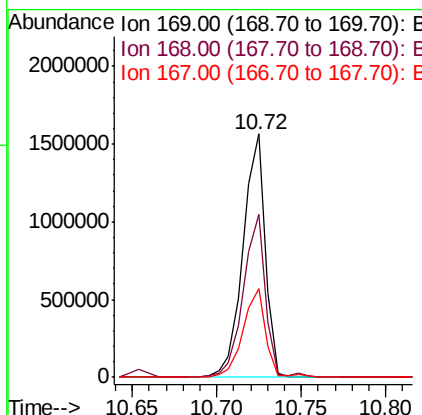
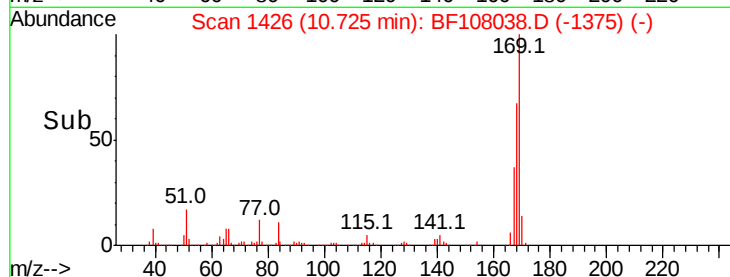
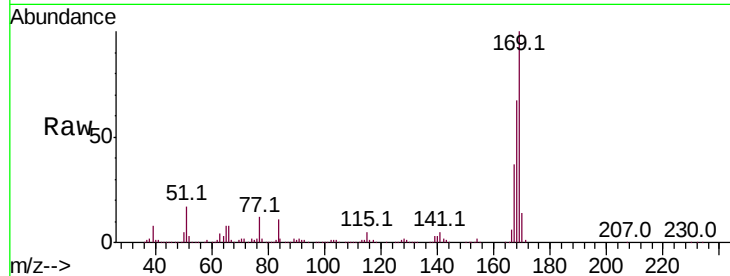
#65
n-Nitrosodiphenylamine
Concen: 39.529 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:169 Resp: 1440828
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 36.7 29.8 44.6

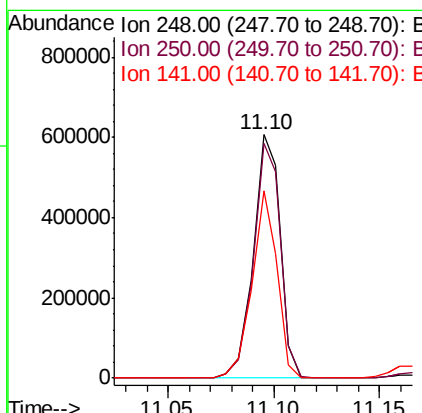
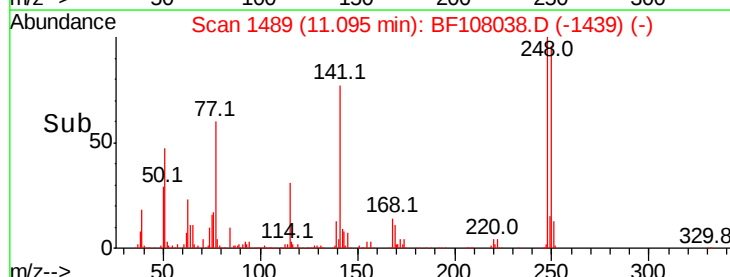
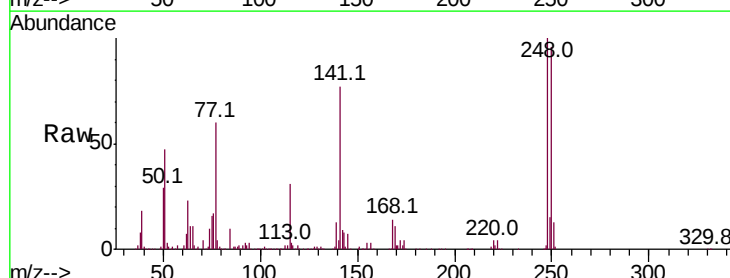
Manual Integrations
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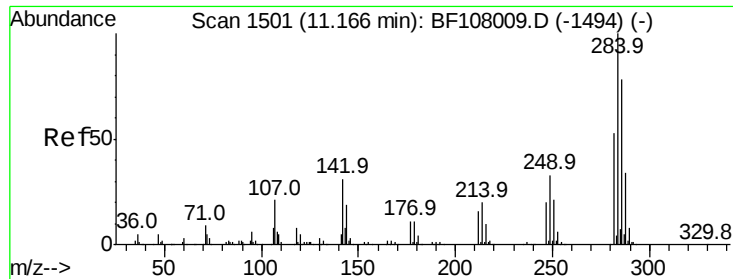
Sohil
8/9/2018 5:01:48 PM



#66
4-Bromophenyl-phenylether
Concen: 40.231 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:248 Resp: 539277
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 77.1 74.4 111.6





#67

Hexachlorobenzene

Concen: 39.499 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

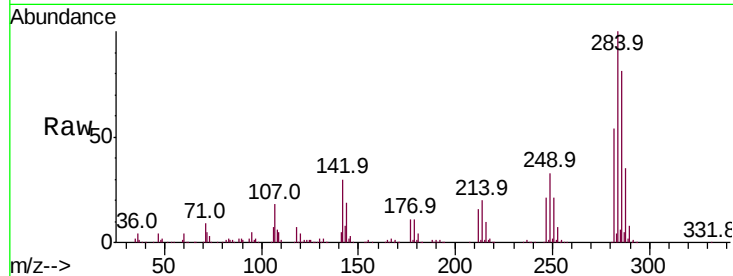
ClientSampleId :

SSTDCCC040EC

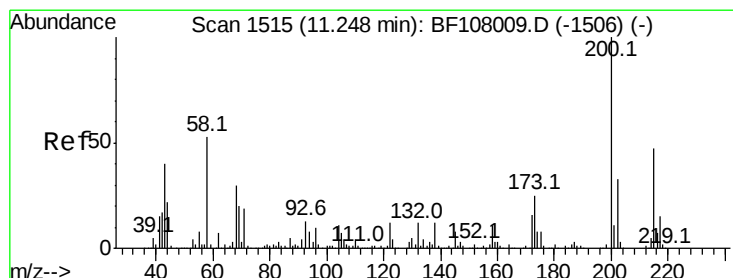
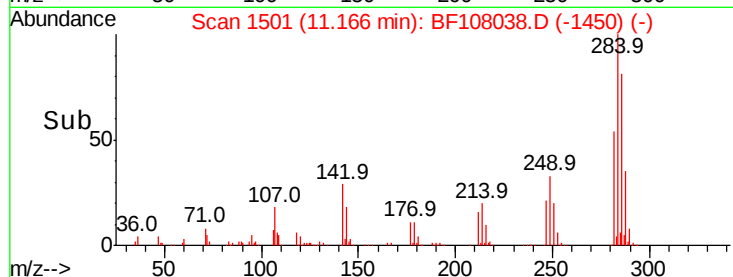
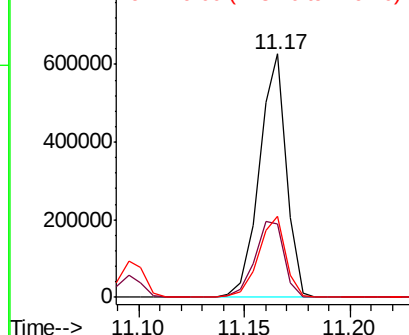
Tot Ion:	284	Resp:	557076
Ion Ratio	Lower	Upper	
284	100		
142	30.0	34.6	52.0#
249	33.3	24.8	37.2

Manual Integrations
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8/9/2018 5:01:48 PM



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: 40.960 ng

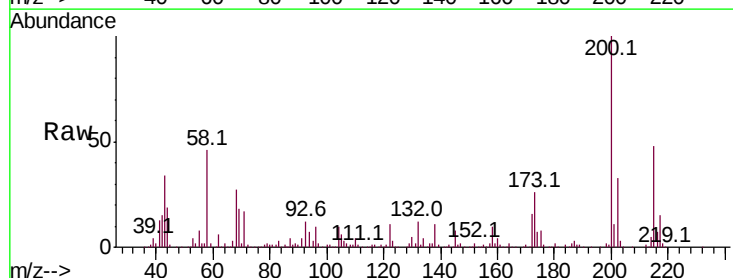
RT: 11.25 min Scan# 1515

Delta R.T. 0.00 min

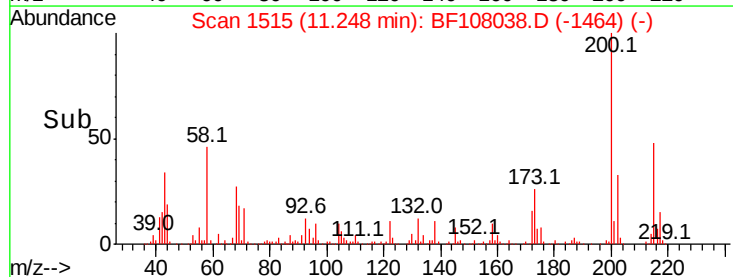
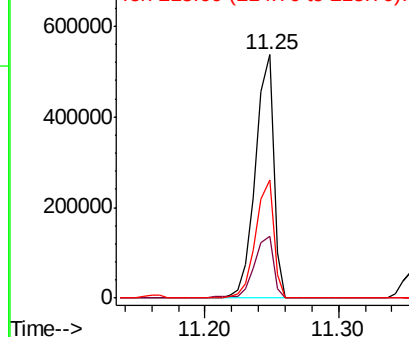
Lab File: BF108038.D

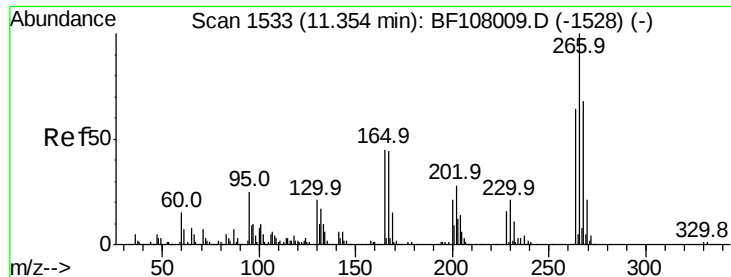
Acq: 8 Aug 2018 23:49

Tgt Ion:	200	Resp:	500758
Ion Ratio	Lower	Upper	
200	100		
173	25.7	8.6	48.6
215	48.4	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





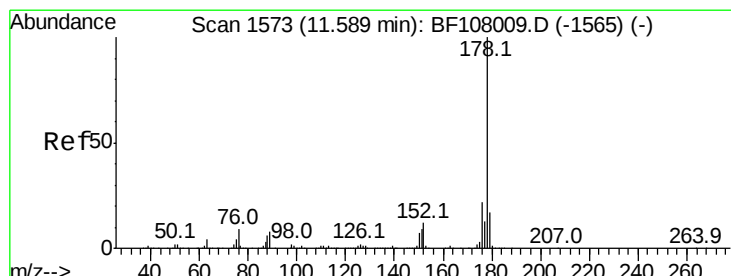
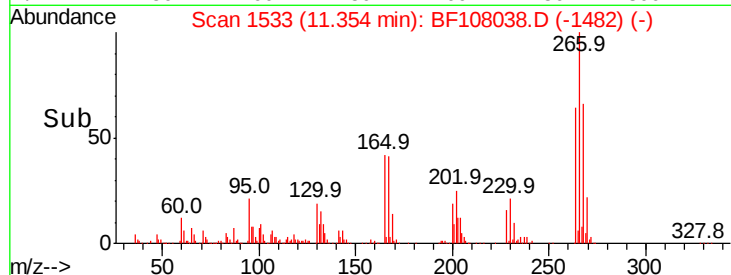
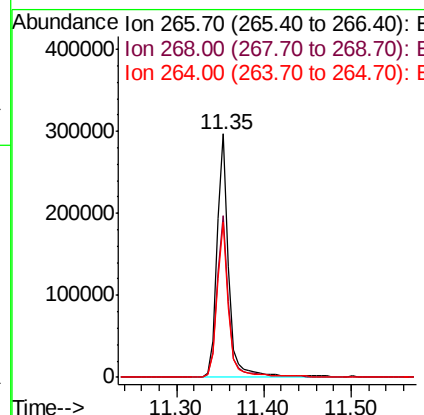
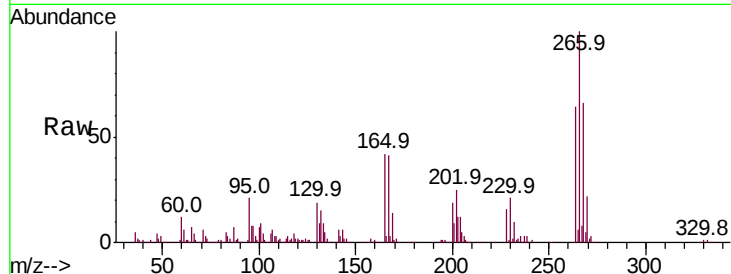
#69
 Pentachlorophenol
 Concen: 41.501 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	280156		
268	66.3	51.1	76.7	
264	63.7	49.5	74.3	

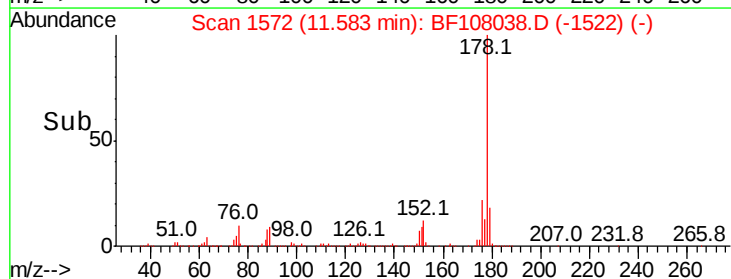
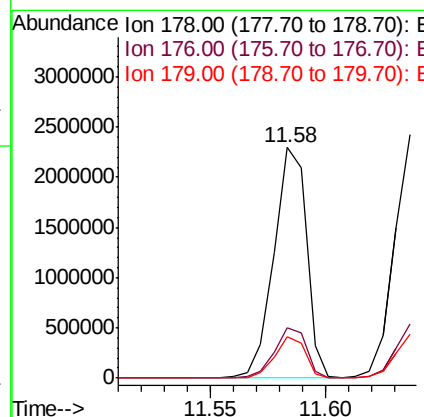
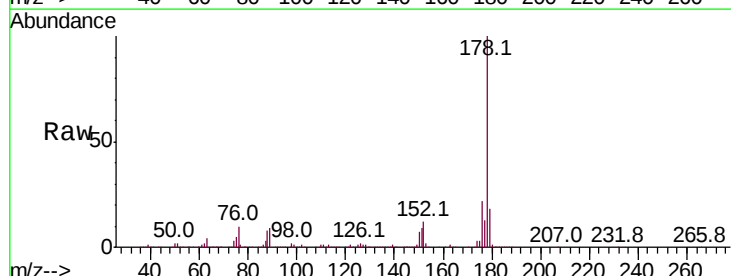
Manual Integrations
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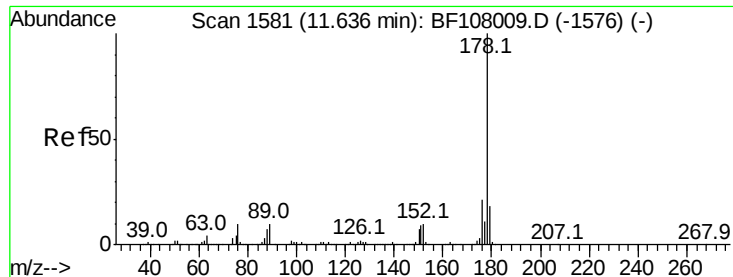
Sohil
 8/9/2018 5:01:48 PM



#70
 Phenanthrene
 Concen: 38.795 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2257026		
176	22.1	15.8	23.8	
179	17.7	13.0	19.6	





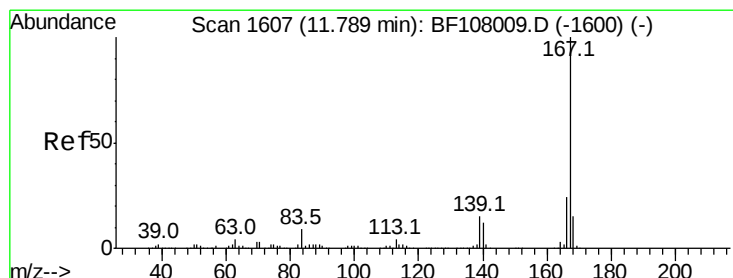
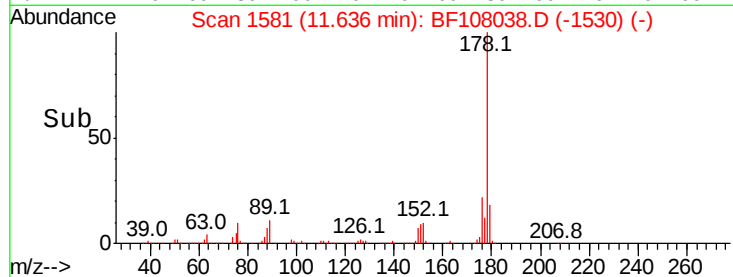
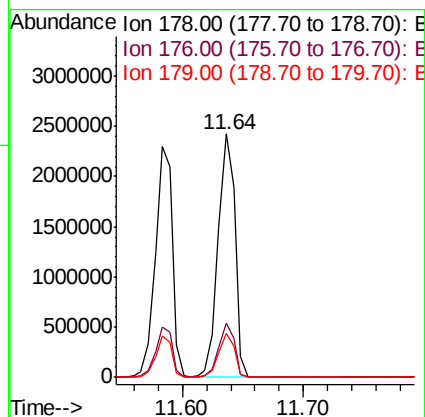
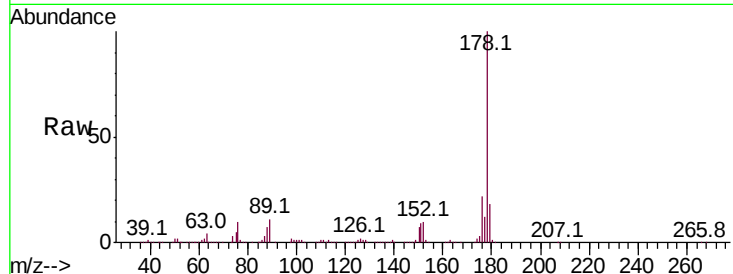
#71
 Anthracene
 Concen: 38.757 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 2311050
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.4 23.2
 179 18.1 12.6 19.0

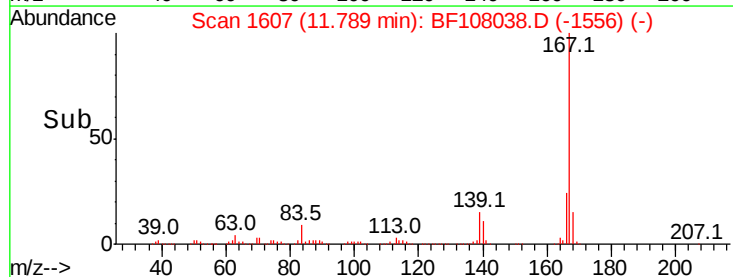
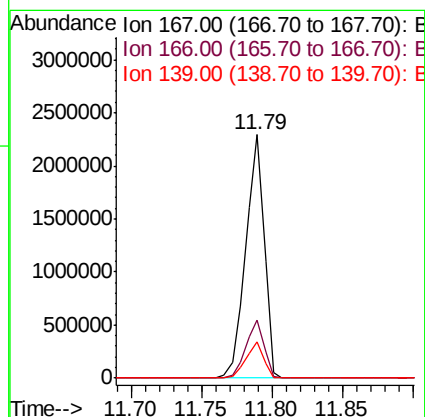
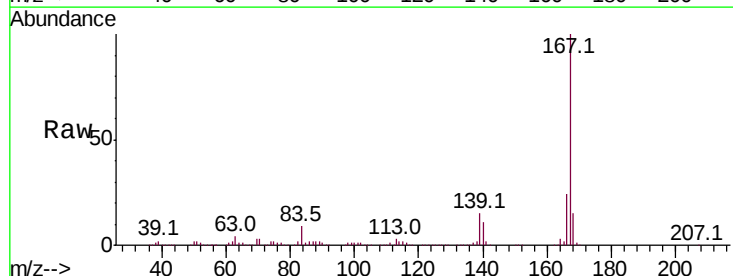
Manual Integrations
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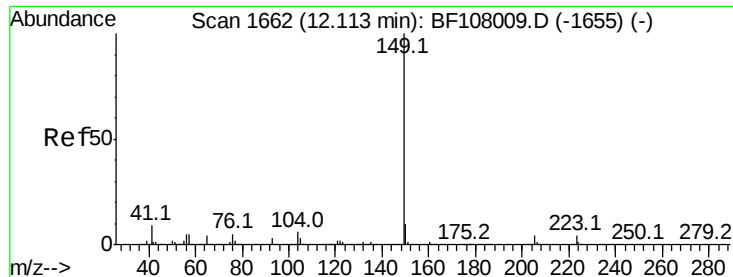
Sohil
 8/9/2018 5:01:48 PM



#72
 Carbazole
 Concen: 39.480 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion:167 Resp: 2091613
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.6 26.4
 139 14.8 10.9 16.3





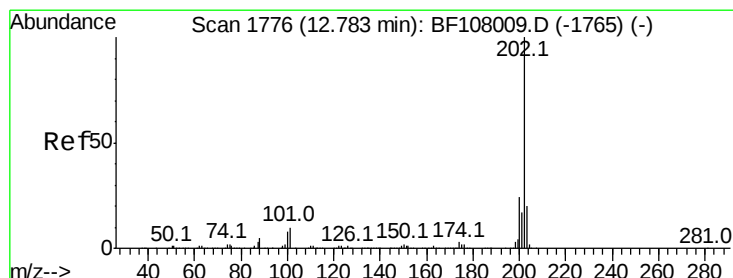
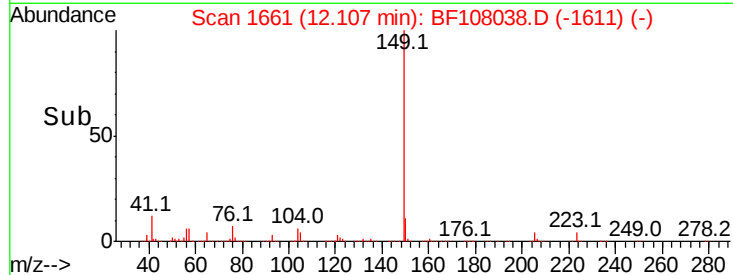
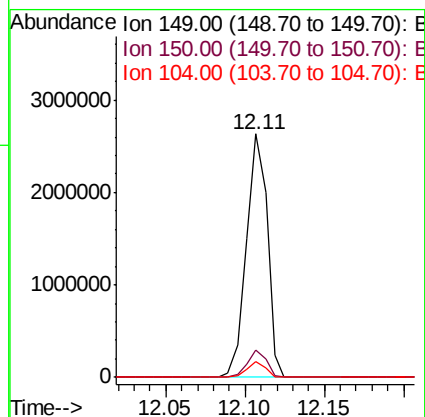
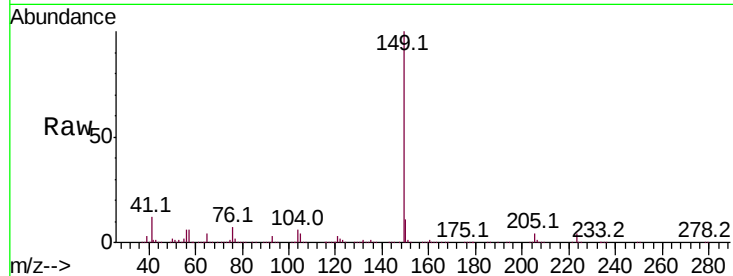
#73
Di-n-butylphthalate
Concen: 39.861 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.8	11.6
104	6.5	3.8	5.8

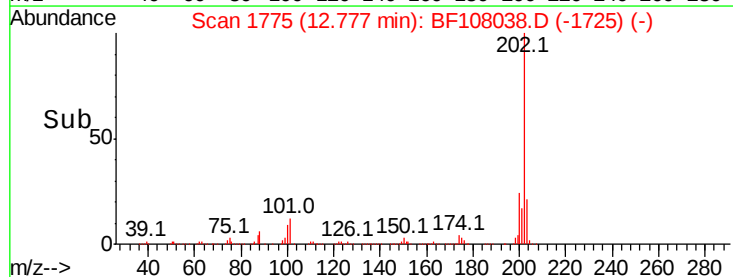
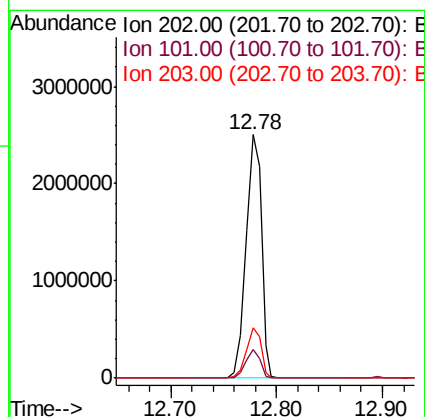
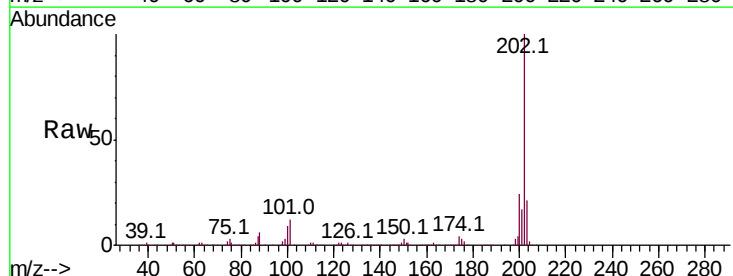
Manual Integrations
APPROVED

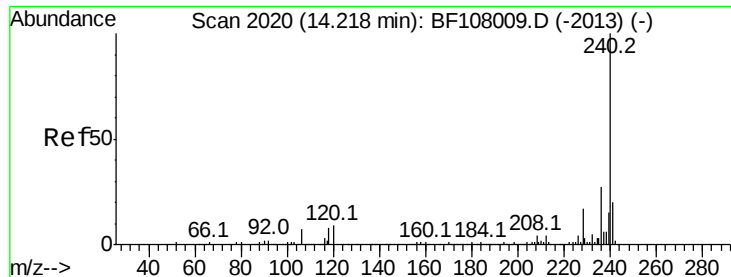
Sohil
8/9/2018 5:01:48 PM



#74
Fluoranthene
Concen: 39.425 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	20.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

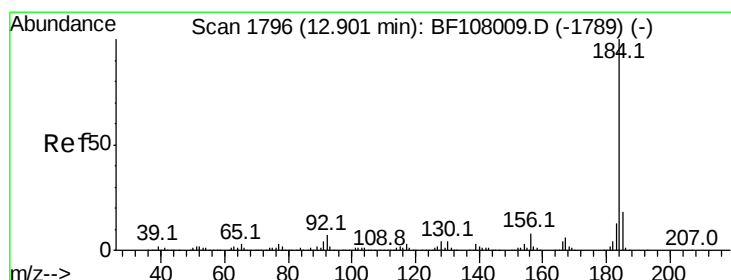
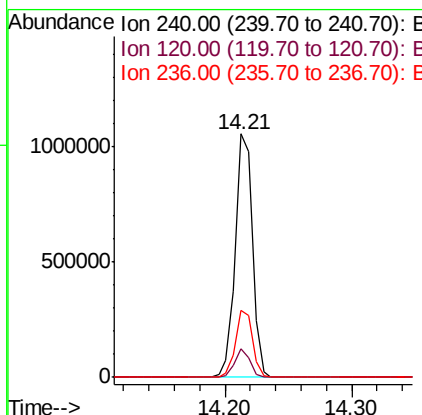
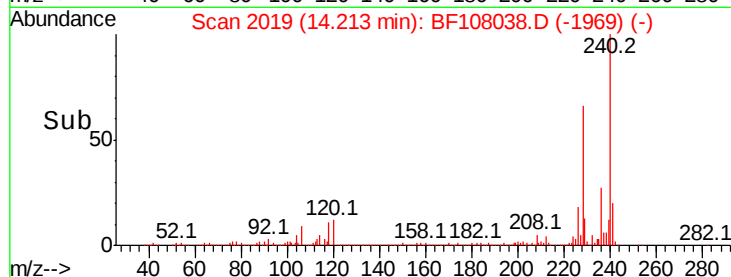
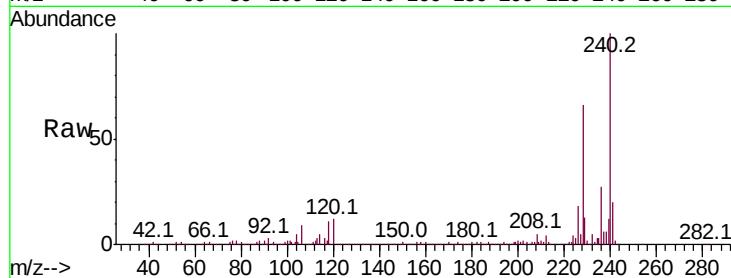
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	981748
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	27.5	20.7	31.1

Manual Integrations
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Sohil
8/9/2018 5:01:48 PM



#76

Benzidine

Concen: 43.149 ng

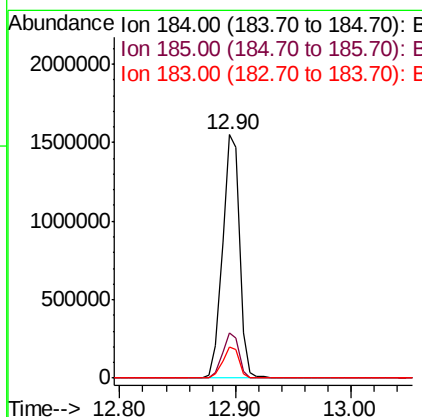
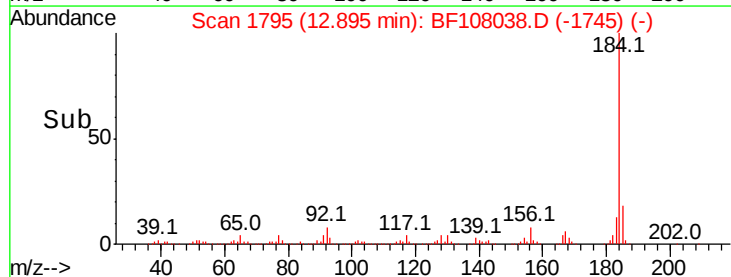
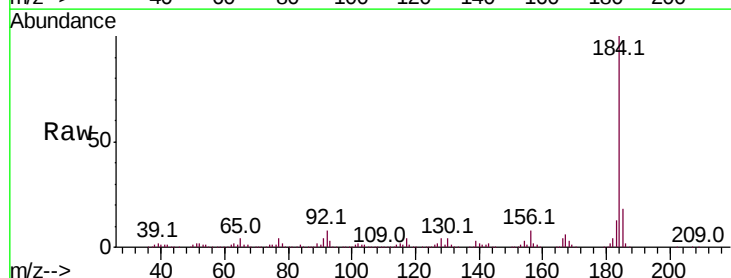
RT: 12.90 min Scan# 1795

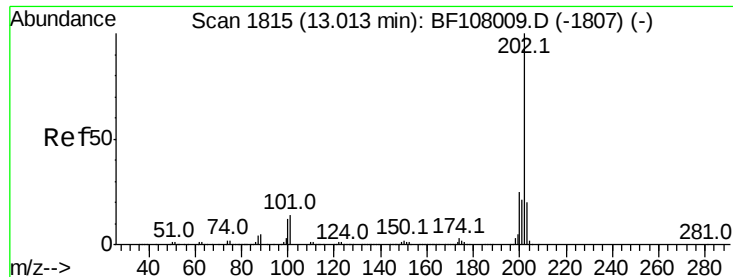
Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Tgt Ion:	184	Resp:	1582745
Ion Ratio	Lower	Upper	
184	100		
185	18.5	12.6	18.8
183	12.6	9.3	13.9





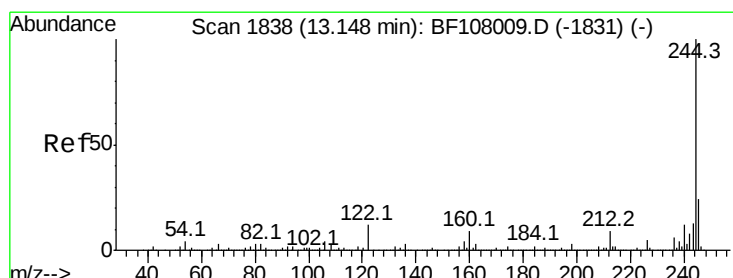
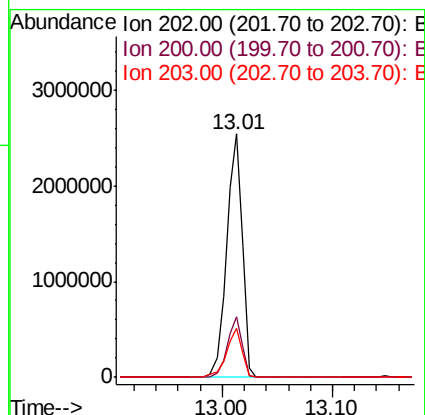
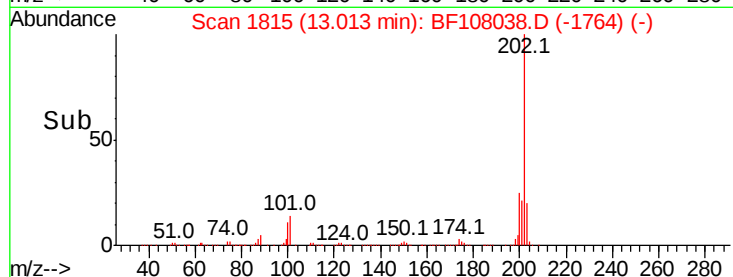
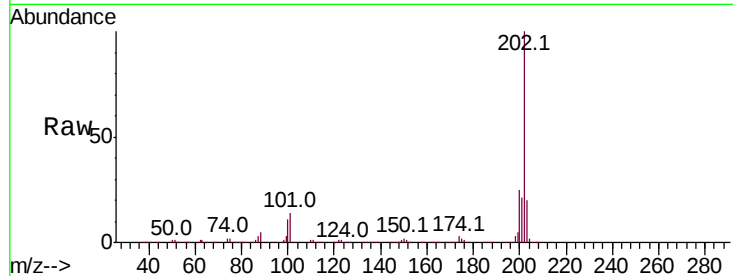
#77
Pvrene
Concen: 40.329 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.7	17.4	26.2
203	20.3	14.3	21.5

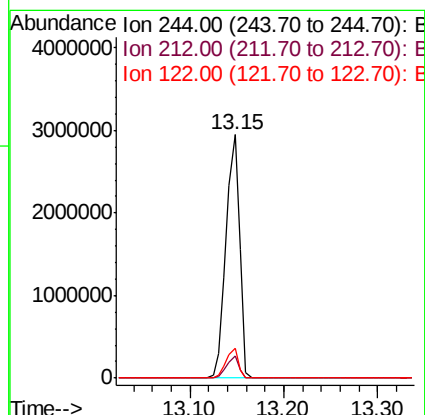
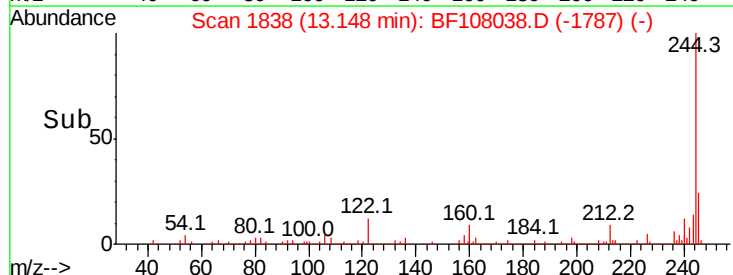
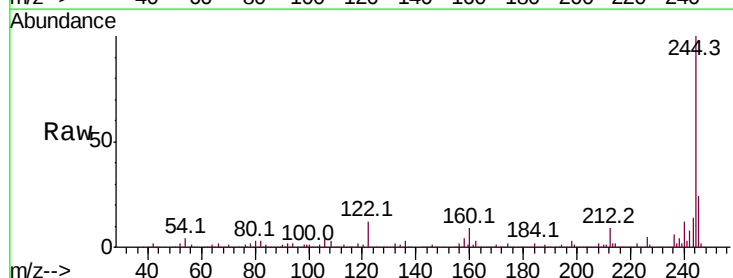
Manual Integrations
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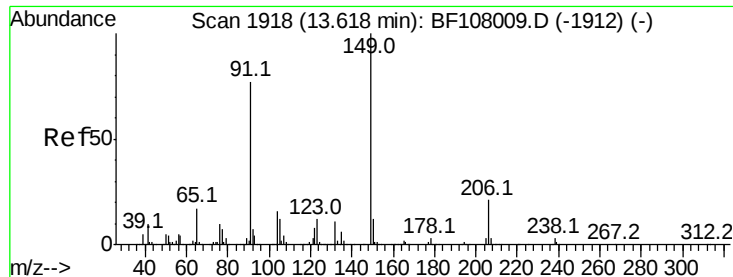
Sohil
8/9/2018 5:01:48 PM



#78
Terphenyl-d14
Concen: 77.725 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	12.0	11.0	16.4





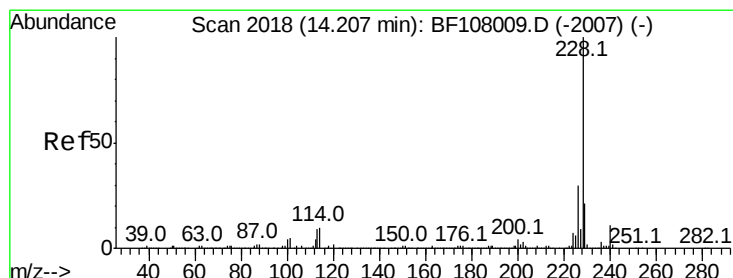
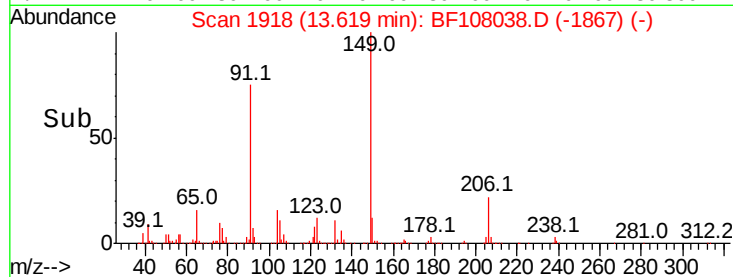
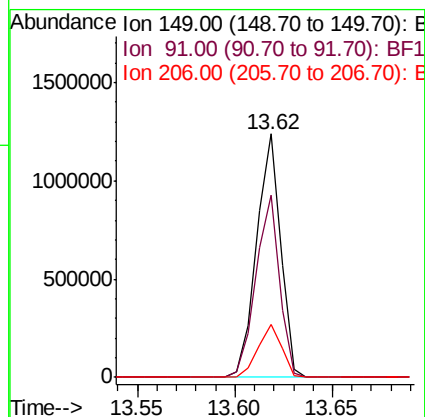
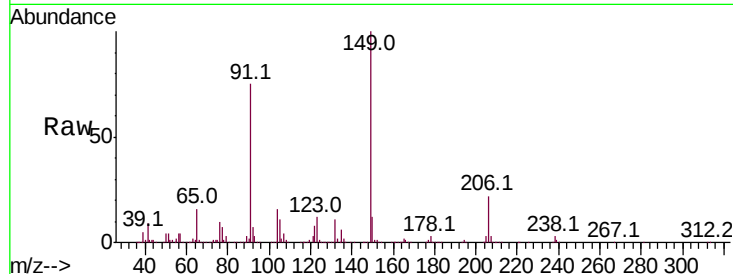
#79
Butylbenzylphthalate
Concen: 42.719 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.8	56.8	85.2
206	21.7	14.1	21.1

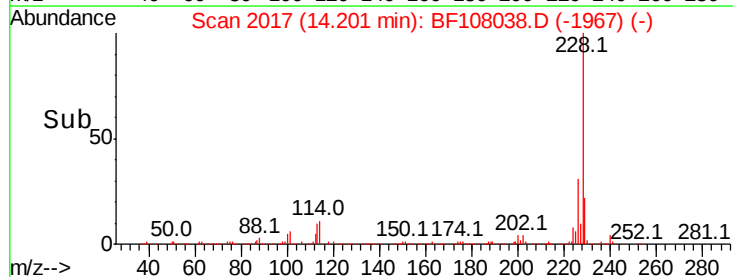
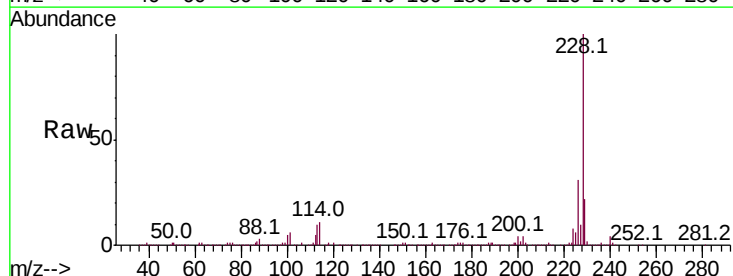
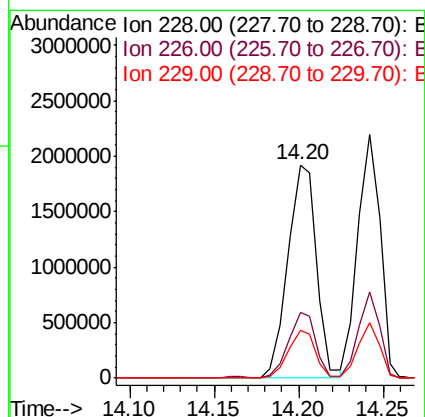
Manual Integrations
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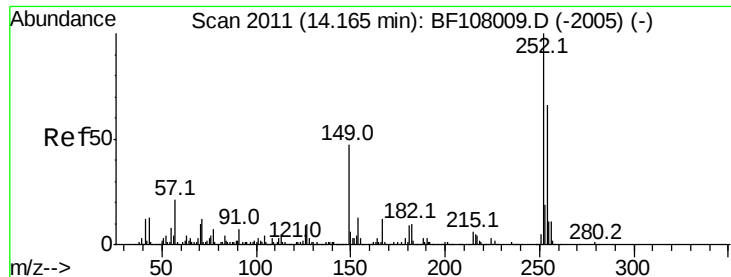
Sohil
8/9/2018 5:01:48 PM



#80
Benzo(a)anthracene
Concen: 40.524 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	22.2	15.8	23.6





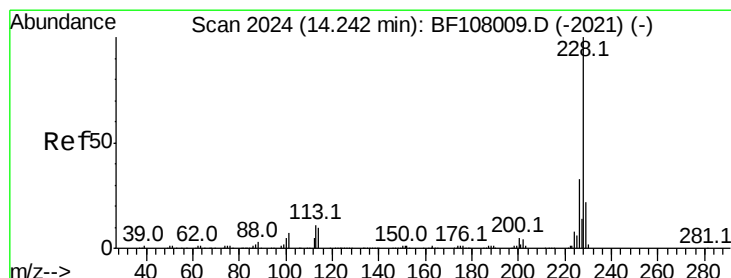
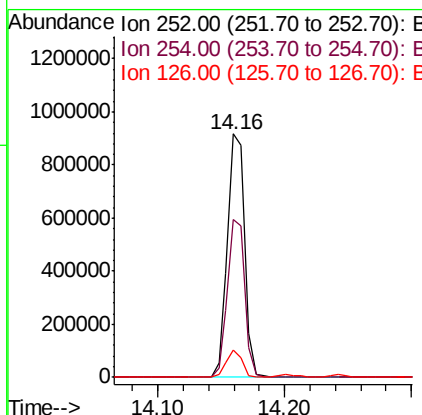
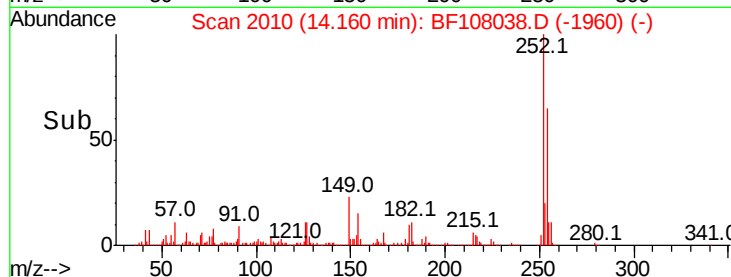
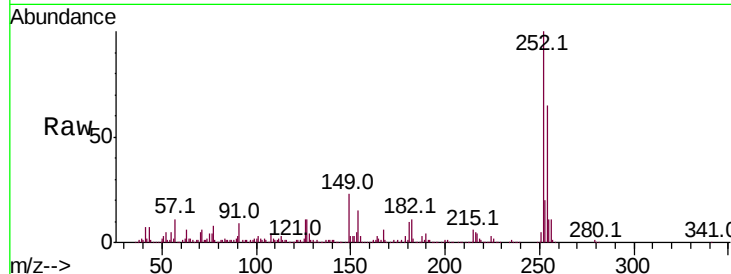
#81
 3,3'-Dichlorobenzidine
 Concen: 42.670 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	11.3	11.3	16.9

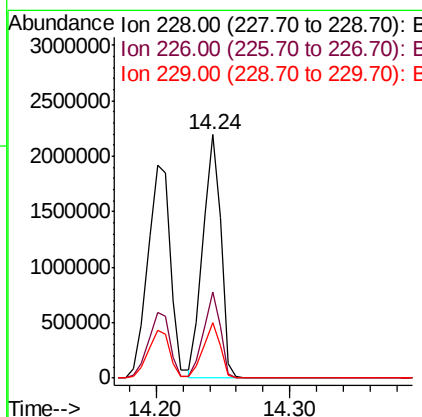
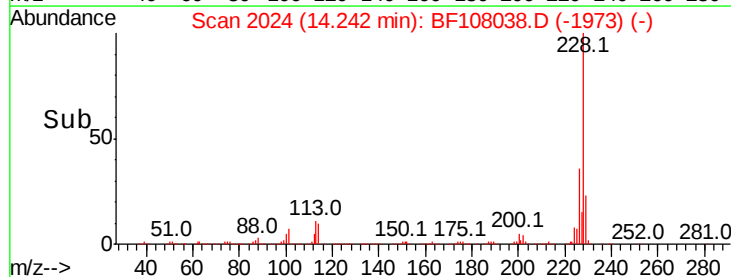
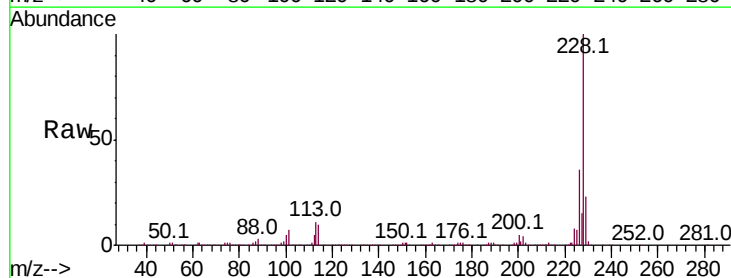
Manual Integrations
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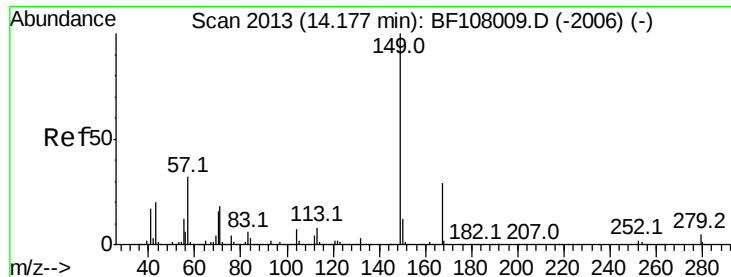
Sohil
 8/9/2018 5:01:48 PM



#82
 Chrysene
 Concen: 39.521 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108038.D
 Acq: 8 Aug 2018 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	25.0	37.6
229	22.7	16.2	24.4





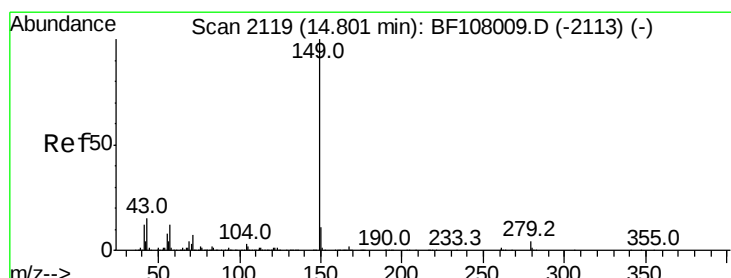
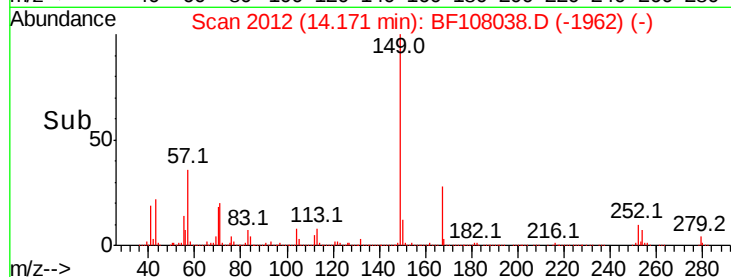
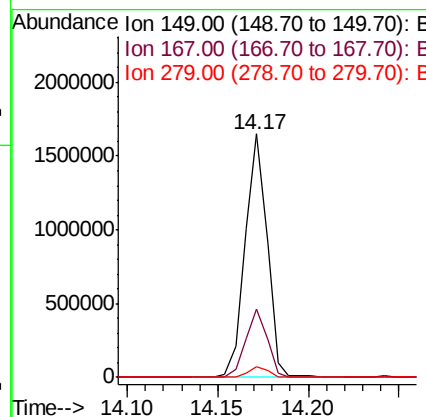
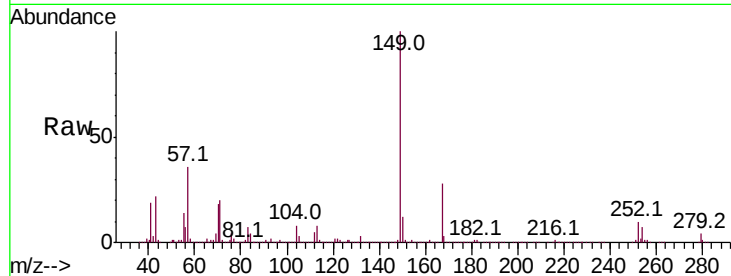
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.542 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1388414
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.3 3.0 4.4

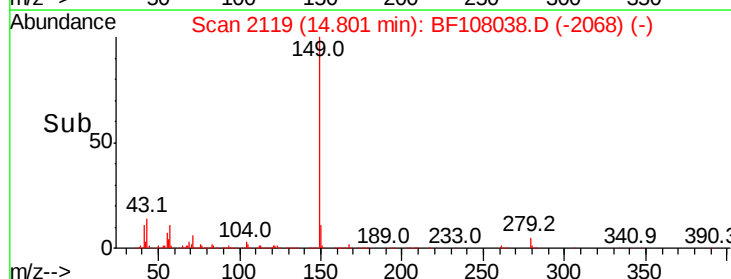
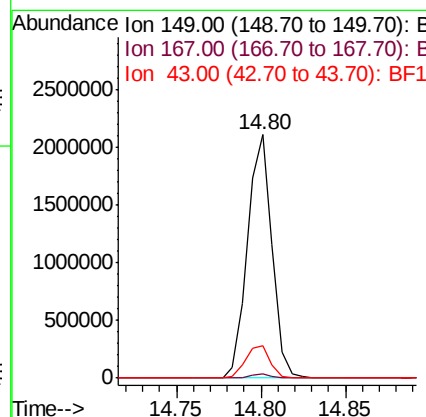
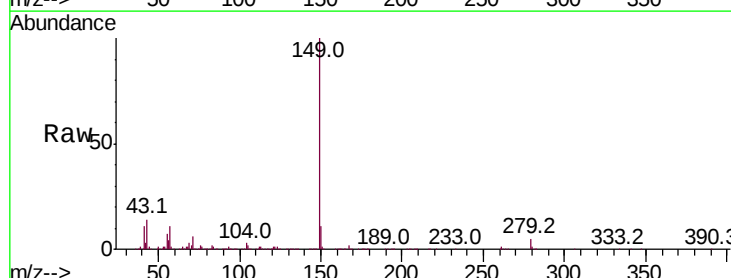
Manual Integrations
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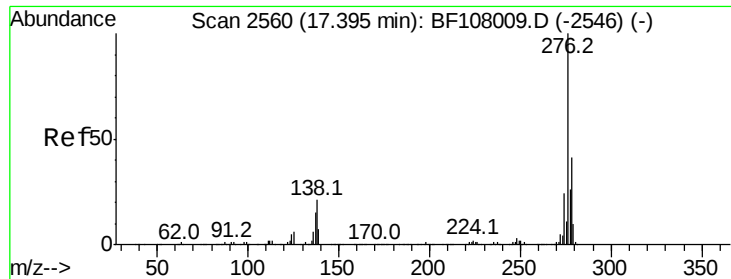
Sohil
8/9/2018 5:01:48 PM



#84
Di-n-octyl phthalate
Concen: 41.686 ng
RT: 14.80 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:149 Resp: 2124804
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.6 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.552 ng

RT: 17.39 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1770199

Ion Ratio Lower Upper

276 100

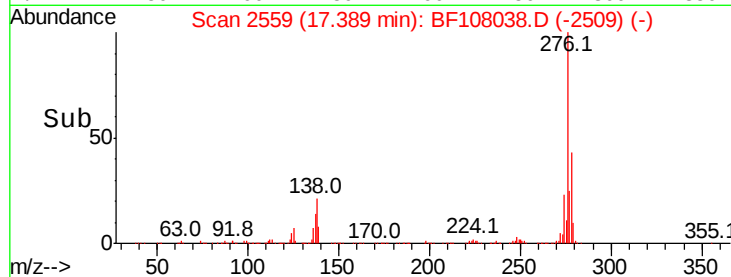
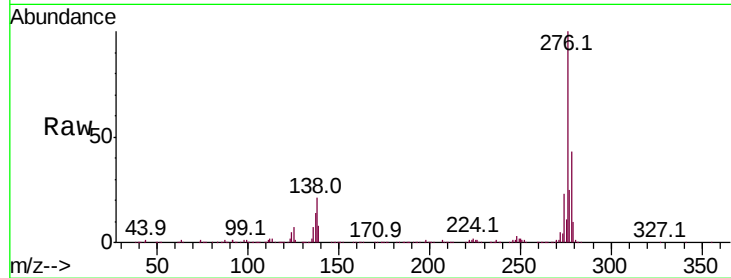
138 23.3 25.0 37.6#

277 25.7 20.1 30.1

Manual Integrations
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Sohil

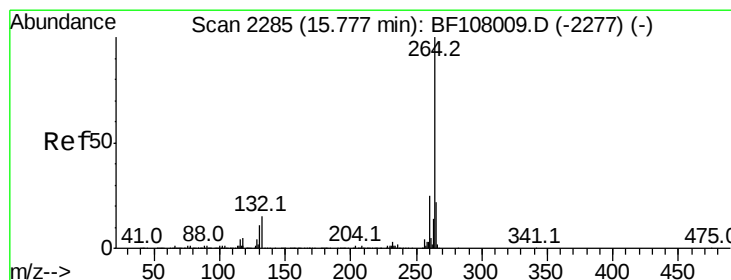
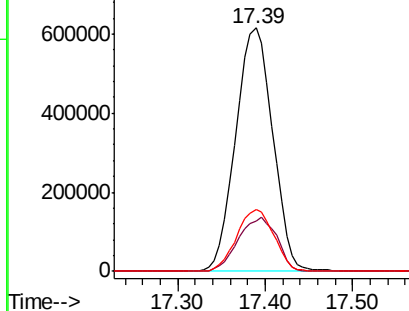
8/9/2018 5:01:48 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

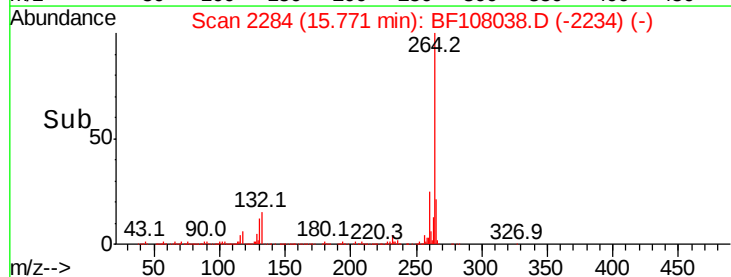
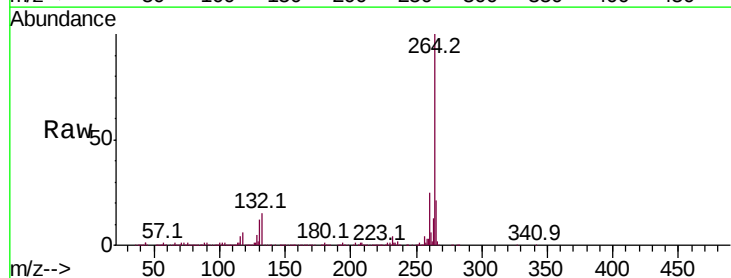
Tgt Ion:264 Resp: 838739

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

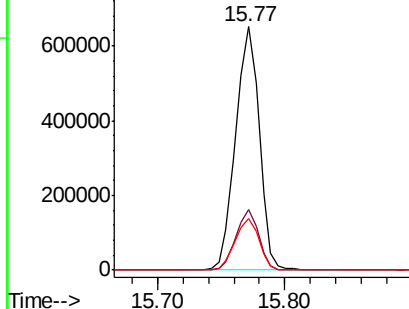
265 21.0 17.5 26.3

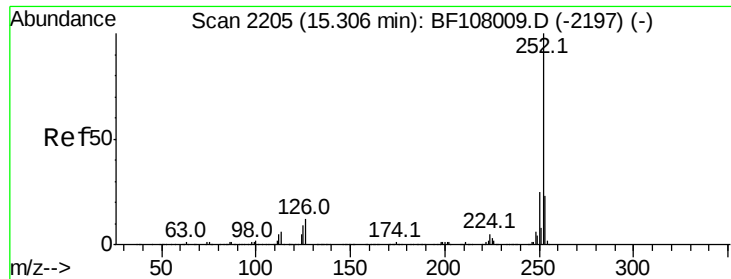


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.867 ng

RT: 15.31 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1998035

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

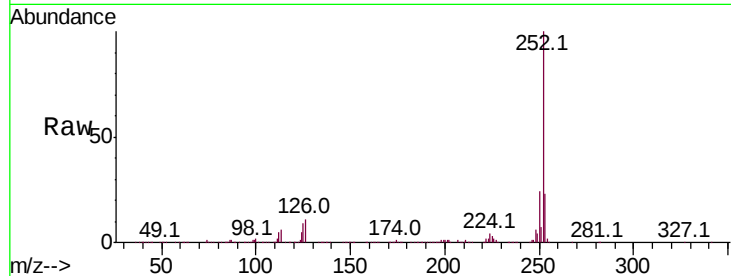
125 8.7 9.0 13.6#

Manual Integrations

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Sohil

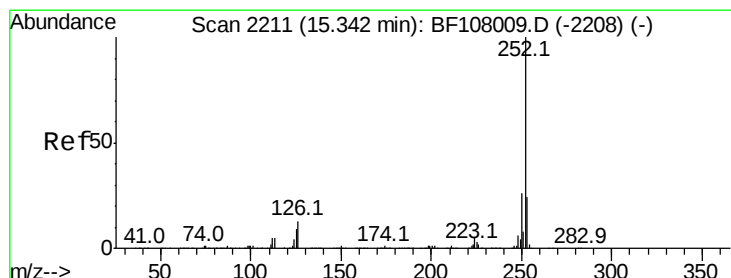
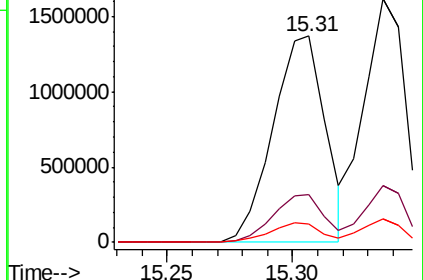
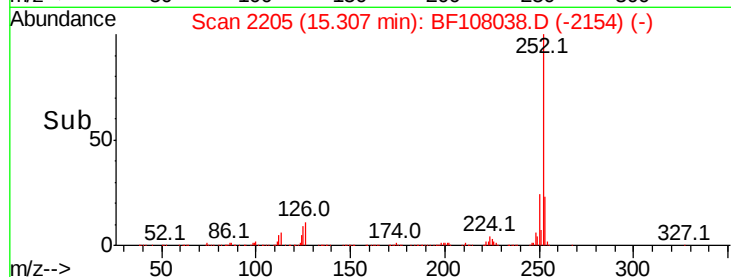
8/9/2018 5:01:48 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.620 ng

RT: 15.34 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

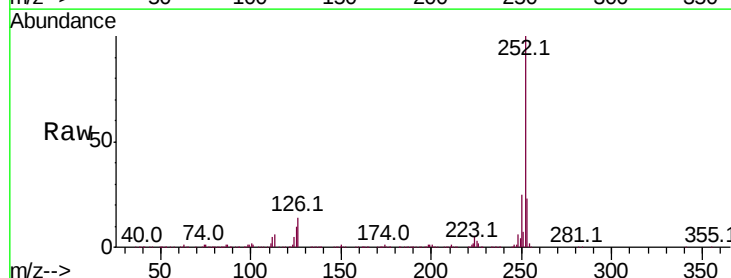
Tgt Ion:252 Resp: 1871402

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

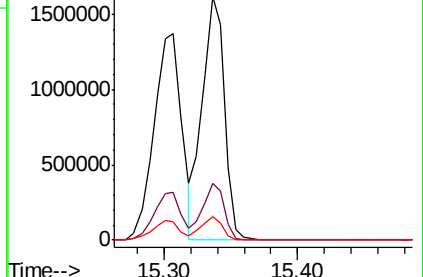
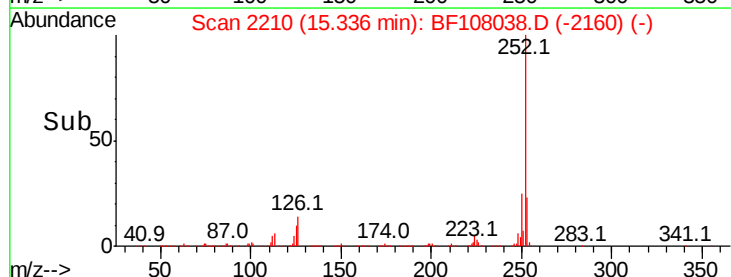
125 9.6 10.2 15.2#

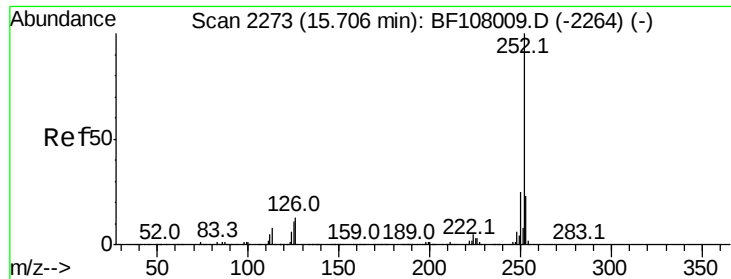


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





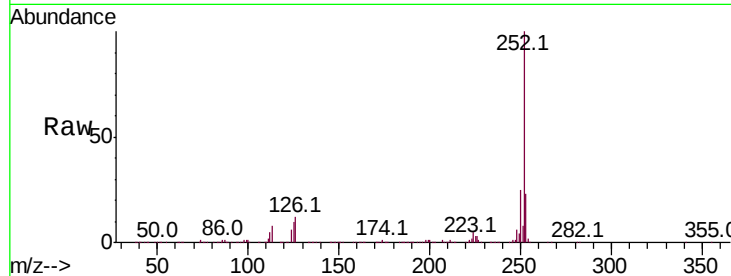
#89
Benzo(a)pyrene
Concen: 40.079 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

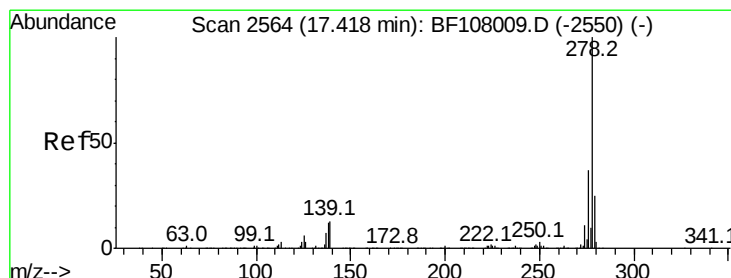
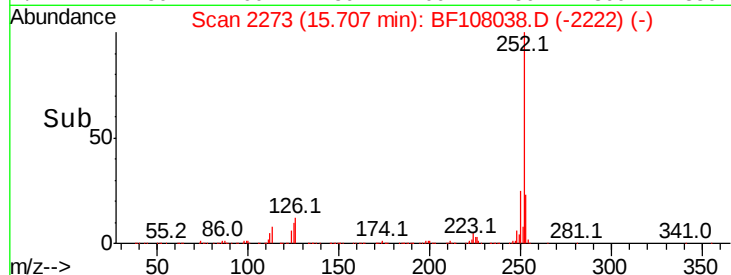
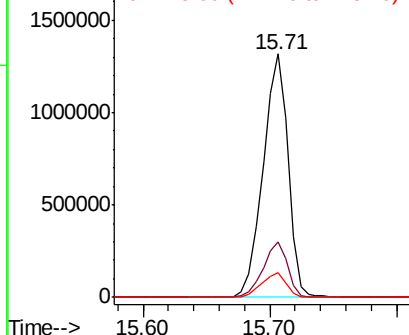
Tot Ion:252 Resp: 1798709
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.0 9.8 14.6

Manual Integrations
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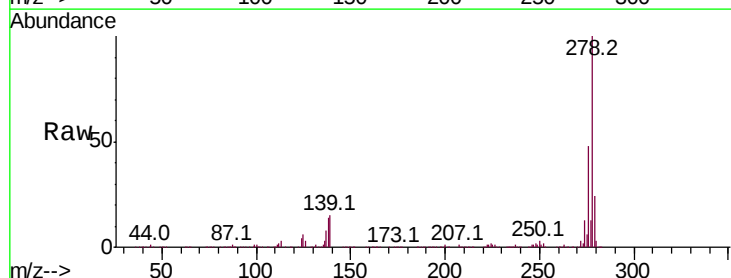


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

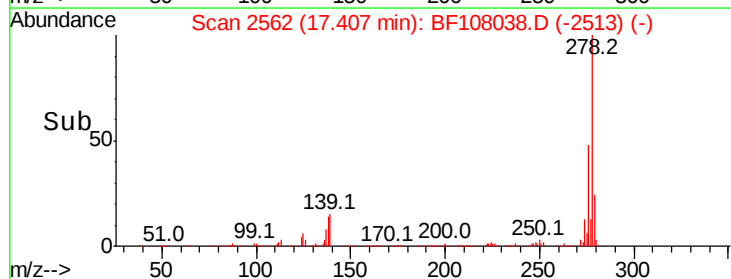
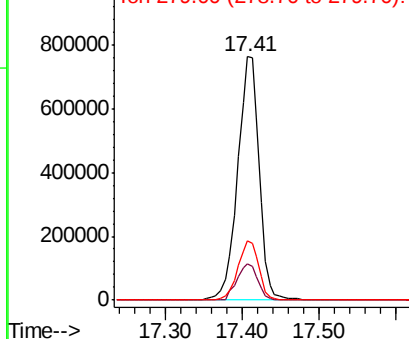


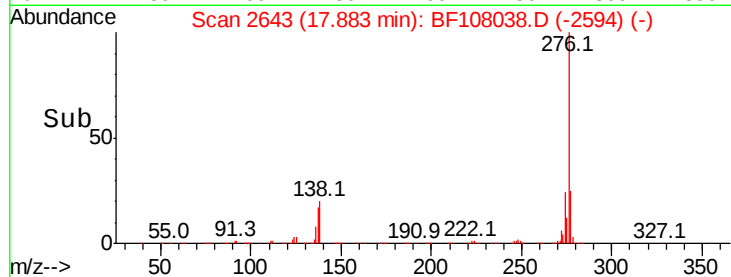
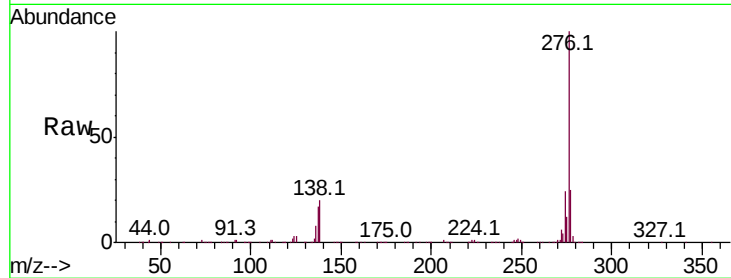
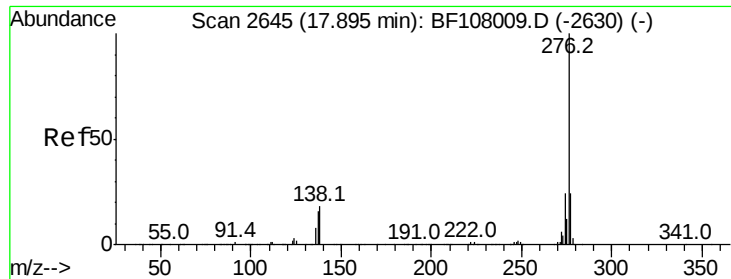
#90
Dibenzo(a,h)anthracene
Concen: 40.258 ng
RT: 17.41 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BF108038.D
Acq: 8 Aug 2018 23:49

Tgt Ion:278 Resp: 1494918
Ion Ratio Lower Upper
278 100
139 14.7 15.9 23.9#
279 24.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.023 ng

RT: 17.88 min Scan# 2643

Delta R.T. -0.01 min

Lab File: BF108038.D

Acq: 8 Aug 2018 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1463446

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 19.6 21.8 32.8#

Manual Integrations
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8/9/2018 5:01:48 PM

