

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108432.D
 Acq On : 23 Aug 2018 20:32
 Operator : JU/SJ
 Sample : PB112282BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Manual Integrations
 APPROVED

Sohil
 8/24/2018 12:14:09 PM

Quant Time: Aug 24 01:59:58 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	137380	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	549481	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	280073	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	557943	20.00	ng	0.00
75) Chrysene-d12	14.19	240	371008	20.00	ng	0.00
86) Perylene-d12	15.74	264	291349	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	811526	106.95	ng	0.00
7) Phenol-d6	6.62	99	1093490	108.44	ng	0.00
23) Nitrobenzene-d5	7.57	82	710648	72.17	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	326575	116.90	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1395323	79.98	ng	0.00
78) Terphenyl-d14	13.12	244	1471533	100.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	144614	37.089	ng	# 89
3) Pyridine	3.75	79	398067	39.632	ng	88
4) n-Nitrosodimethylamine	3.71	42	210712	37.283	ng	86
6) Aniline	6.67	93	439045	32.010	ng	97
8) 2-Chlorophenol	6.79	128	370205	43.318	ng	99
9) Benzaldehyde	6.55	77	236690	30.275	ng	98
10) Phenol	6.64	94	473044	45.353	ng	89
11) bis(2-Chloroethyl)ether	6.73	93	360567	42.759	ng	91
12) 1,3-Dichlorobenzene	6.94	146	418010	42.301	ng	99
13) 1,4-Dichlorobenzene	7.02	146	423880	42.694	ng	96
14) 1,2-Dichlorobenzene	7.17	146	392488	42.500	ng	98
15) Benzyl Alcohol	7.14	79	325049	38.291	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	684538	39.406	ng	99
17) 2-Methylphenol	7.24	107	321805	43.909	ng	94
18) Hexachloroethane	7.51	117	153766	43.502	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	274919	40.317	ng	90
20) 3+4-Methylphenols	7.40	107	395802	42.143	ng	# 87
22) Acetophenone	7.41	105	531795	41.390	ng	# 94
24) Nitrobenzene	7.58	77	412592	41.435	ng	97
25) Isophorone	7.82	82	766097	40.817	ng	98
26) 2-Nitrophenol	7.90	139	186428	49.576	ng	89
27) 2,4-Dimethylphenol	7.92	122	347032	41.660	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	457388	41.744	ng	99
29) 2,4-Dichlorophenol	8.14	162	334568	43.643	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	355773	42.093	ng	96
31) Naphthalene	8.31	128	1075323	43.031	ng	99
32) Benzoic acid	8.04	122	152128	33.528	ng	94
33) 4-Chloroaniline	8.35	127	222616	20.442	ng	98
34) Hexachlorobutadiene	8.41	225	230043	42.994	ng	98
35) Caprolactam	8.72	113	94385m	39.289	ng	
36) 4-Chloro-3-methylphenol	8.83	107	350561	42.390	ng	96
37) 2-Methylnaphthalene	9.00	142	748567	42.339	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	376876	43.819	ng	98
40) Hexachlorocyclopentadiene	9.15	237	383304	68.998	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	243065	45.542	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	262562	44.689	ng	# 92
45) 1,1'-Biphenyl	9.46	154	915942	44.356	ng	99
46) 2-Chloronaphthalene	9.49	162	708110	43.387	ng	99
47) 2-Nitroaniline	9.59	65	233278	44.175	ng	95
48) Acenaphthylene	9.91	152	1122388	43.500	ng	99
49) Dimethylphthalate	9.76	163	831442	42.618	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	182285	44.659	ng	88
51) Acenaphthene	10.08	154	662871	41.944	ng	99
52) 3-Nitroaniline	10.00	138	125622	28.129	ng	98
53) 2,4-Dinitrophenol	10.11	184	116401	76.534	ng	# 21
54) Dibenzofuran	10.25	168	980899	42.842	ng	96
55) 4-Nitrophenol	10.16	139	253492	74.957	ng	84
56) 2,4-Dinitrotoluene	10.24	165	242728	46.199	ng	# 98
57) Fluorene	10.60	166	787407	43.443	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	221604	45.127	ng	# 85
59) Diethylphthalate	10.46	149	804290	42.574	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	402305	42.597	ng	94
61) 4-Nitroaniline	10.62	138	188391	42.667	ng	91
62) Azobenzene	10.75	77	823366	42.202	ng	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	86300	41.958	ng	92
65) n-Nitrosodiphenylamine	10.71	169	700438	42.482	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	262206	43.244	ng	# 87
67) Hexachlorobenzene	11.15	284	272601	42.730	ng	# 87
68) Atrazine	11.23	200	234089	42.330	ng	94
69) Pentachlorophenol	11.34	266	242204	79.319	ng	98
70) Phenanthrene	11.57	178	1120780	42.589	ng	99
71) Anthracene	11.62	178	1161428	43.060	ng	99
72) Carbazole	11.77	167	992722	41.425	ng	99
73) Di-n-butylphthalate	12.08	149	1214650	44.749	ng	99
74) Fluoranthene	12.76	202	1202627	41.873	ng	96
76) Benzidine	12.88	184	527509	38.055	ng	99
77) Pyrene	13.00	202	1173544	49.962	ng	99
79) Butylbenzylphthalate	13.59	149	471664	50.570	ng	# 95
80) Benzo(a)anthracene	14.18	228	923018	43.350	ng	100
81) 3,3'-Dichlorobenzidine	14.14	252	155809	20.419	ng	# 97
82) Chrysene	14.22	228	845503	43.314	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	597691	47.321	ng	99
84) Di-n-octyl phthalate	14.77	149	841124	43.666	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	799692	47.281	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	737629	42.370	ng	# 97
88) Benzo(k)fluoranthene	15.31	252	658870	41.171	ng	# 94
89) Benzo(a)pyrene	15.68	252	677225	43.441	ng	# 96
90) Dibenzo(a,h)anthracene	17.37	278	672715	52.153	ng	# 93
91) Benzo(g,h,i)perylene	17.85	276	673118	52.996	ng	# 90

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

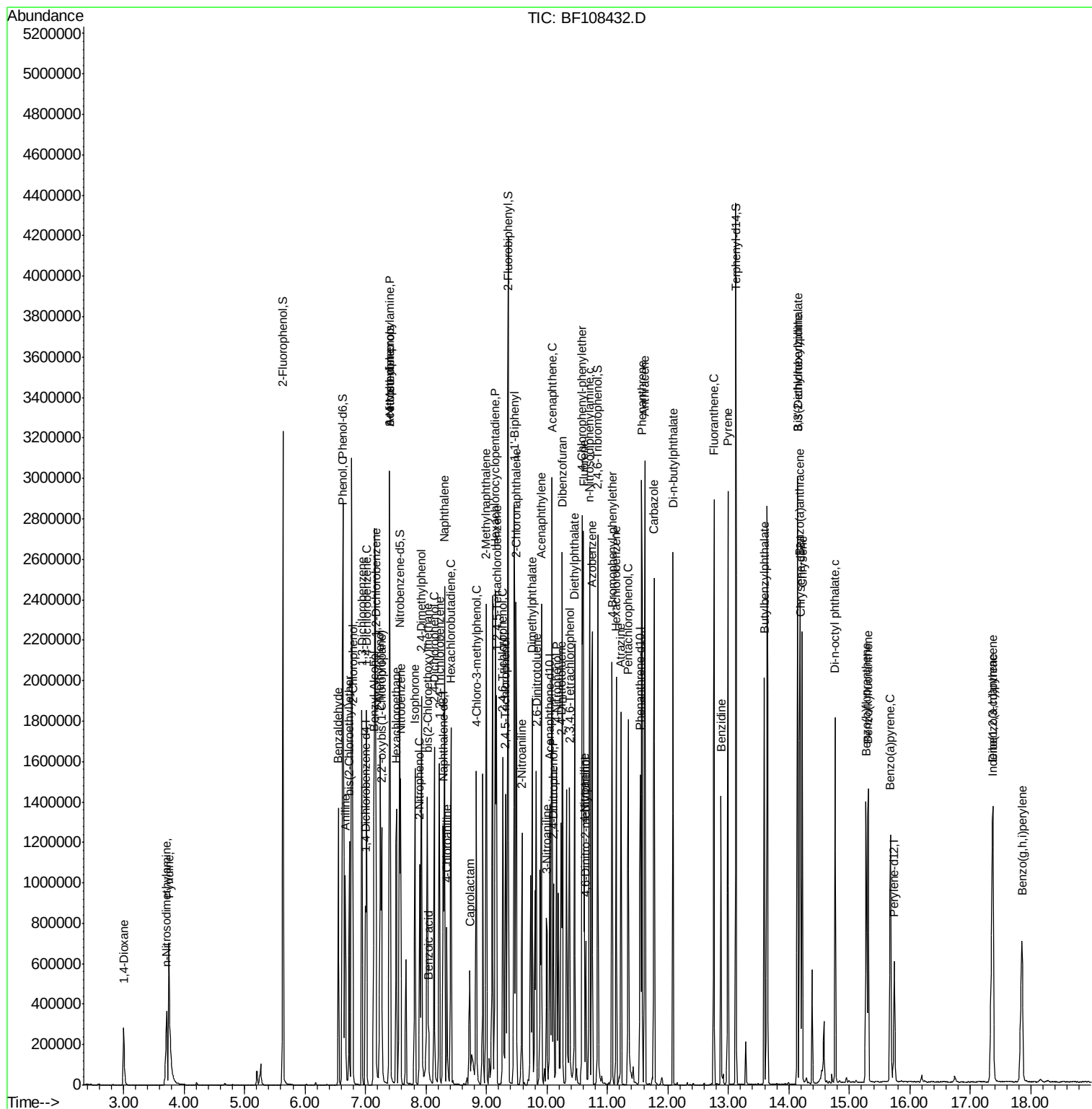
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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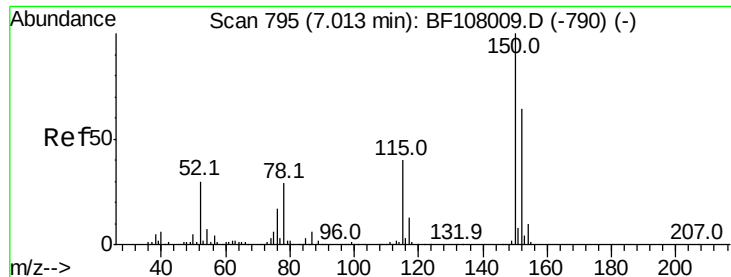
Instrument :
BNA_F
ClientSampled :
PB112282BS

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#1

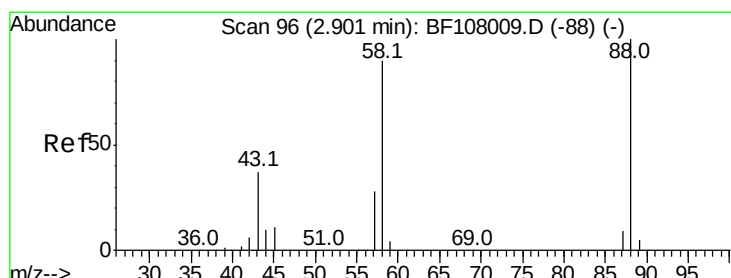
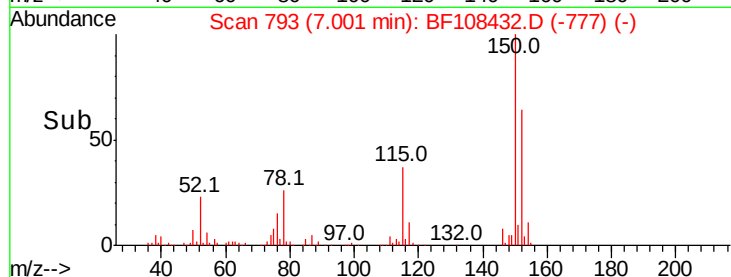
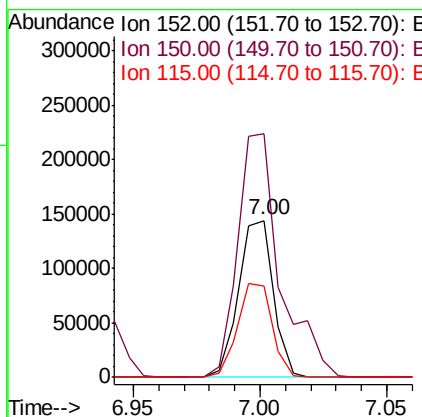
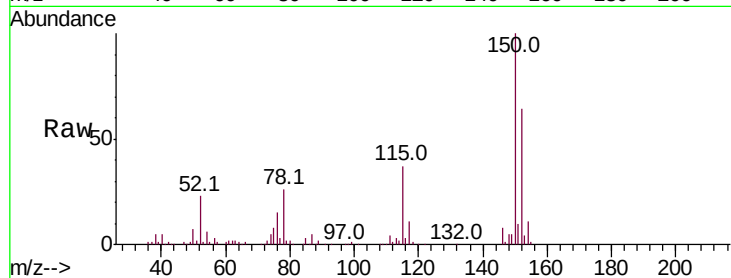
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.3	50.1	75.1

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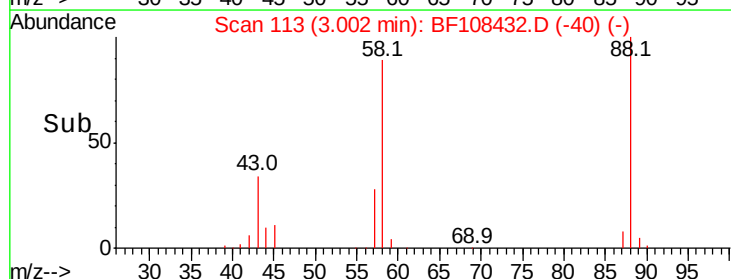
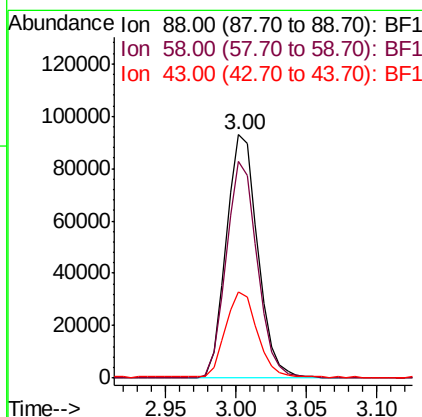
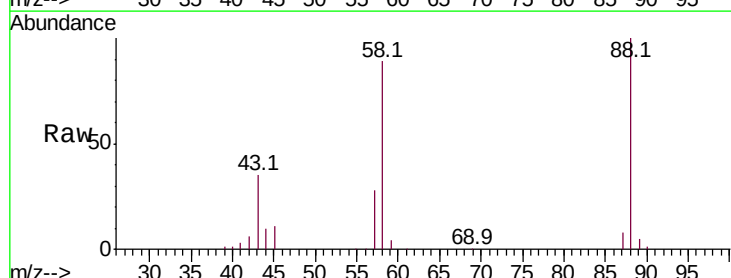
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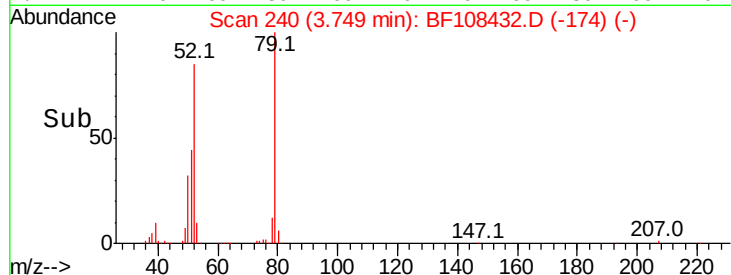
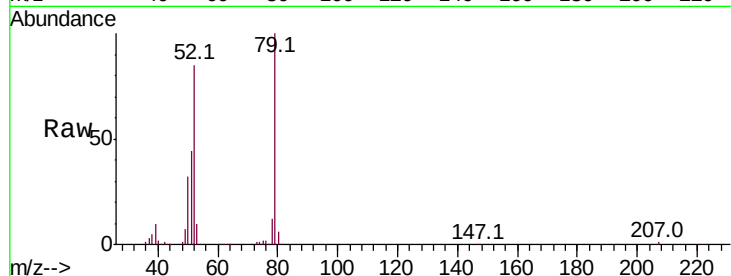
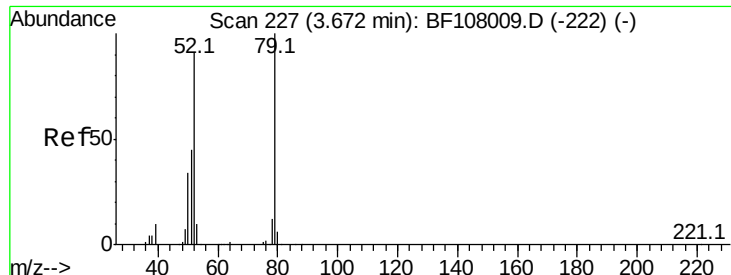


#2

1,4-Dioxane
Concen: 37.089 ng
RT: 3.00 min Scan# 113
Delta R.T. 0.13 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	62.6	93.8
43	37.1	24.6	37.0#





#3

Pvridine

Concen: 39.632 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF108432.D

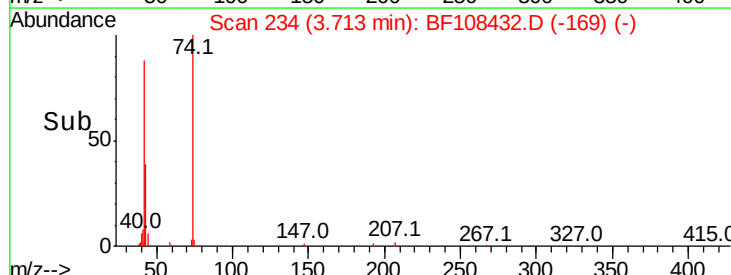
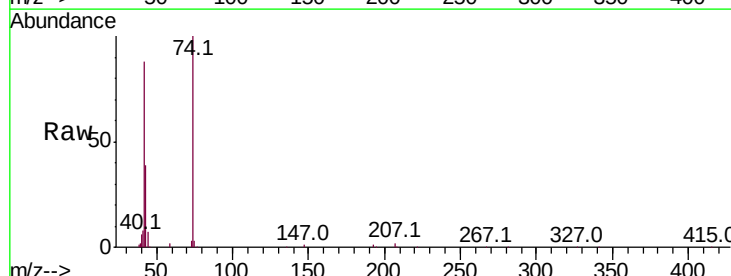
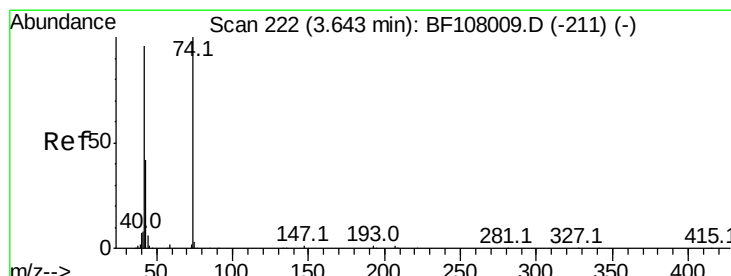
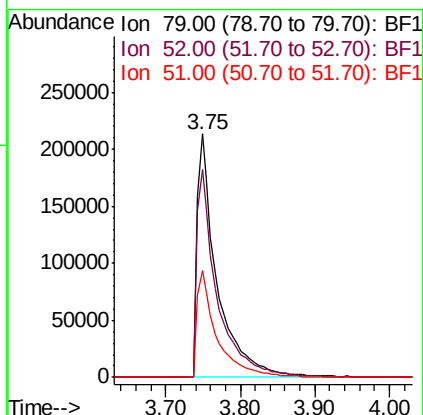
Acq: 23 Aug 2018 20:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.2	59.8	89.6
51	43.8	29.8	44.8

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BNA_F
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#4

n-Nitrosodimethylamine

Concen: 37.283 ng

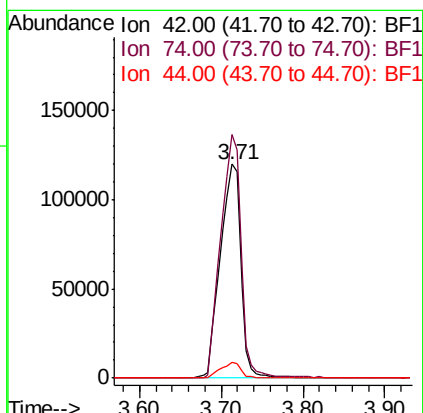
RT: 3.71 min Scan# 234

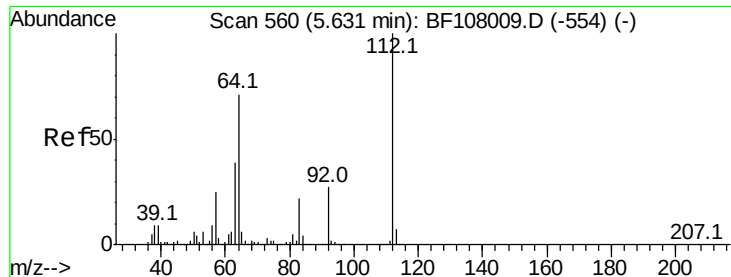
Delta R.T. 0.08 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.9	104.9	157.3
44	7.6	6.9	10.3





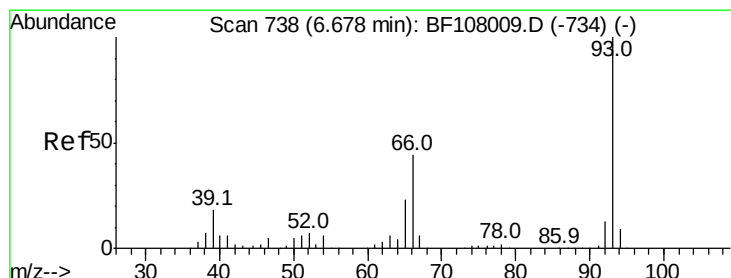
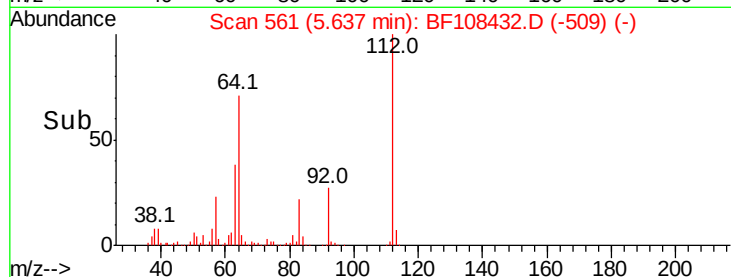
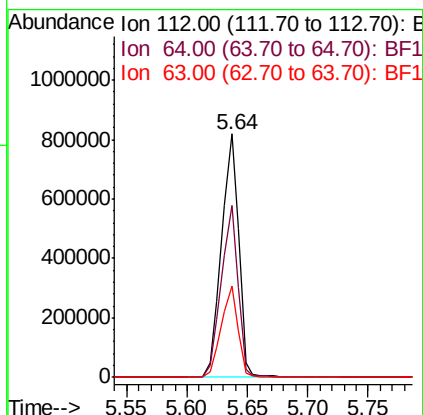
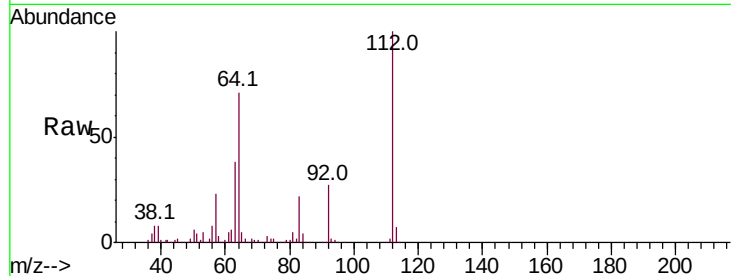
#5
2-Fluorophenol
Concen: 106.947 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	70.6	47.9	71.9
63	37.7	23.7	35.5

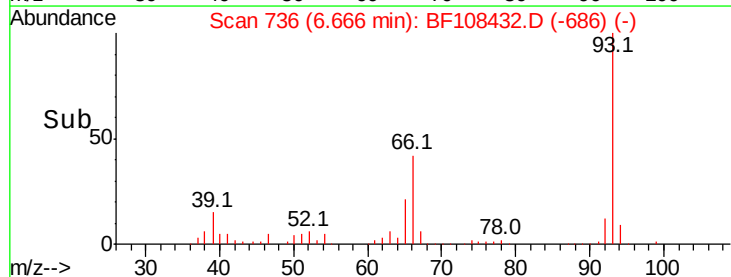
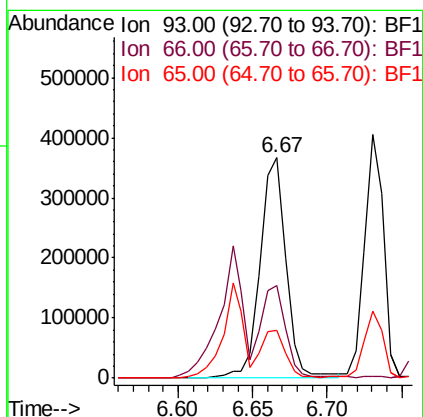
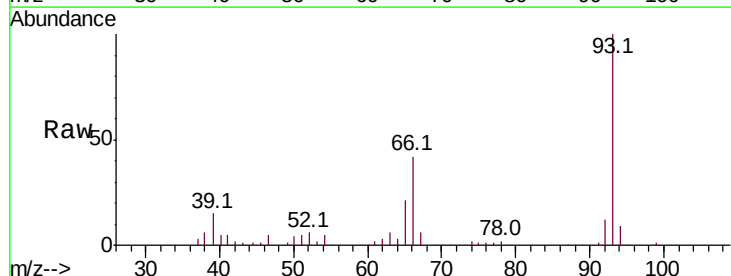
Manual Integrations
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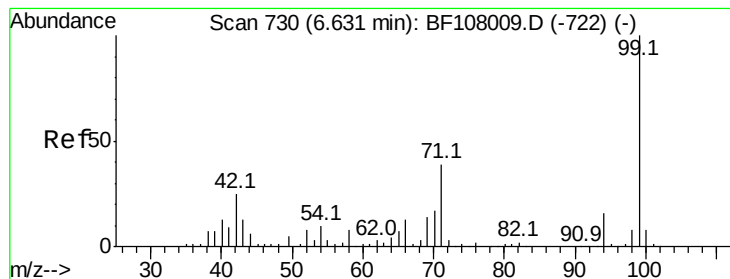
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#6
Aniline
Concen: 32.010 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	42.2	32.2	48.2
65	21.5	16.4	24.6





#7

Phenol-d6

Concen: 108.442 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

ClientSampleId :

PB112282BS

Tot Ion: 99 Resp: 1093490

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

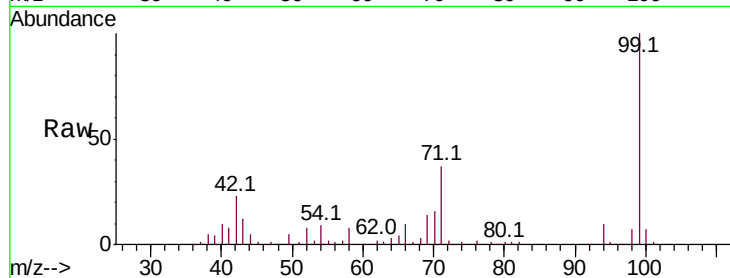
71 37.1 25.4 38.0

Manual Integrations

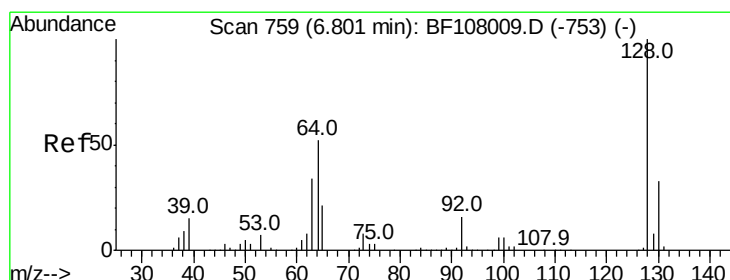
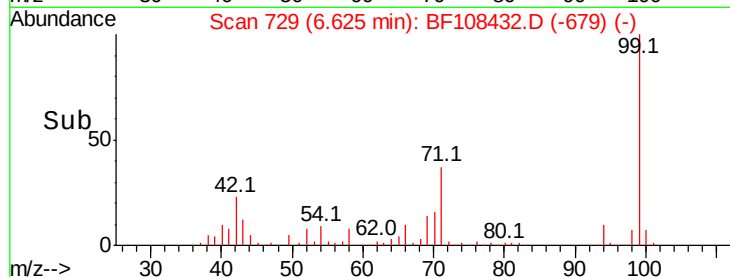
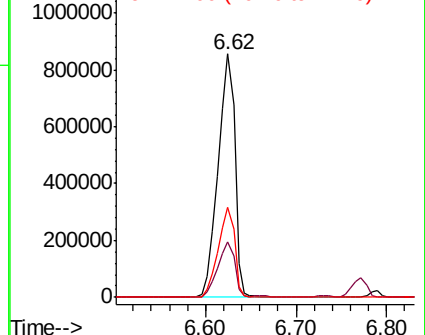
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.318 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

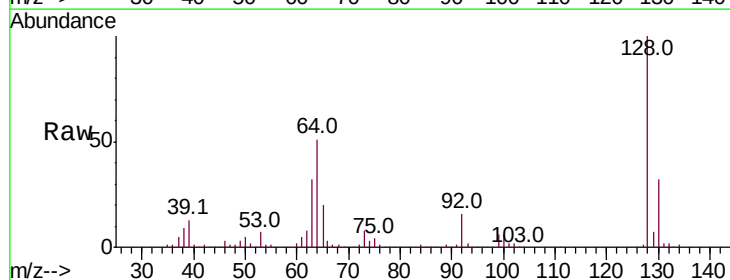
Tgt Ion:128 Resp: 370205

Ion Ratio Lower Upper

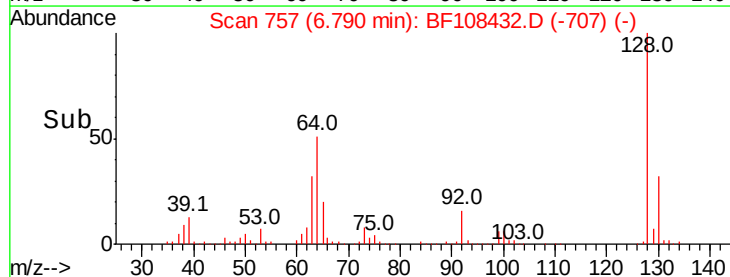
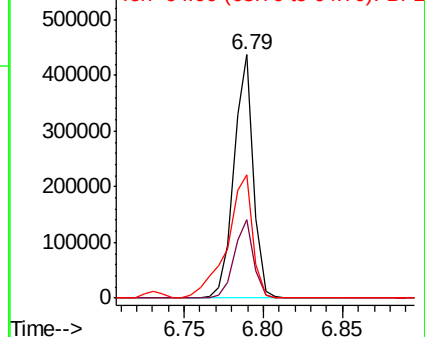
128 100

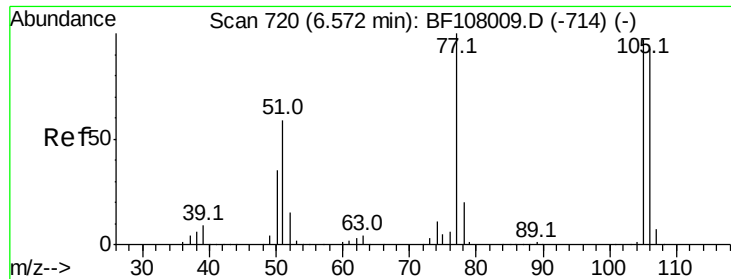
130 32.4 13.0 53.0

64 50.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.275 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

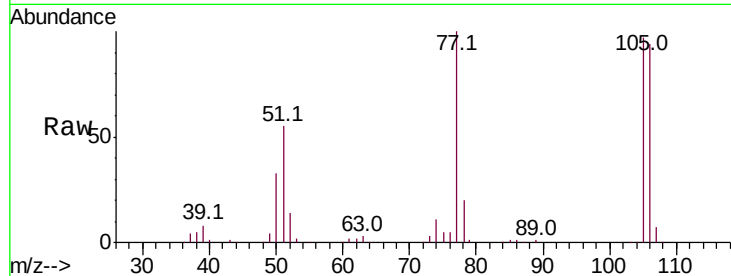
ClientSampleId :

PB112282BS

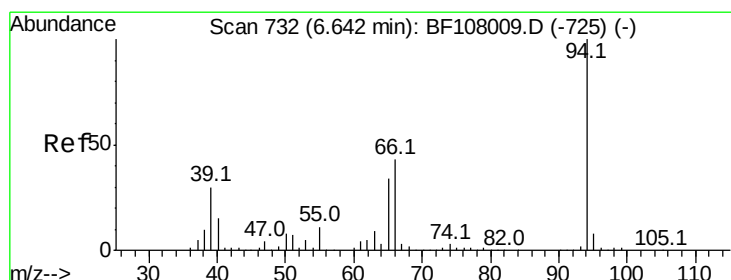
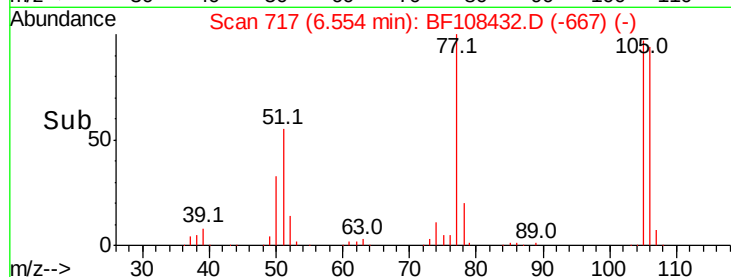
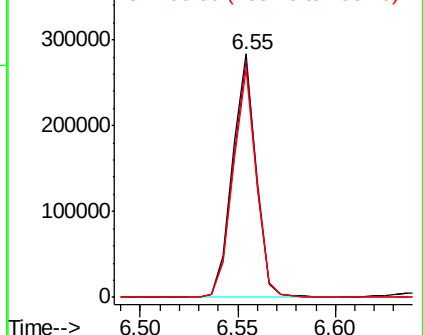
Tot Ion:	77	Resp:	236690
Ion	Ratio	Lower	Upper
77	100		
105	97.4	81.1	121.1
106	93.7	74.5	114.5

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



#10

Phenol

Concen: 45.353 ng

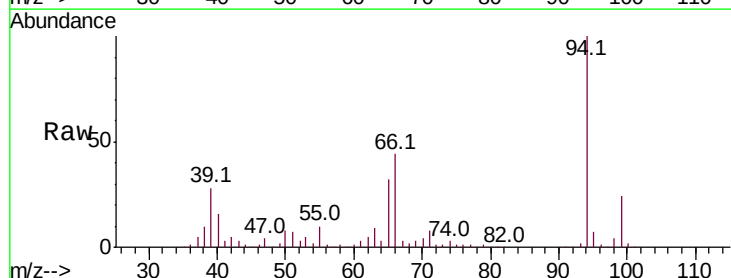
RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

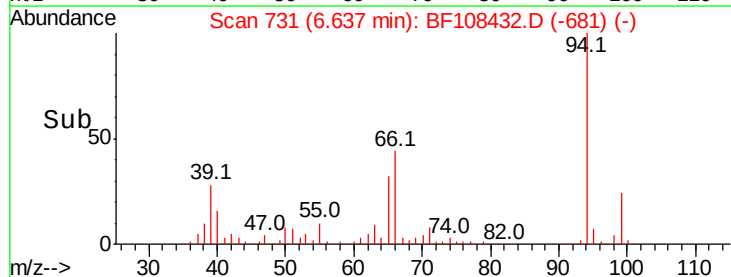
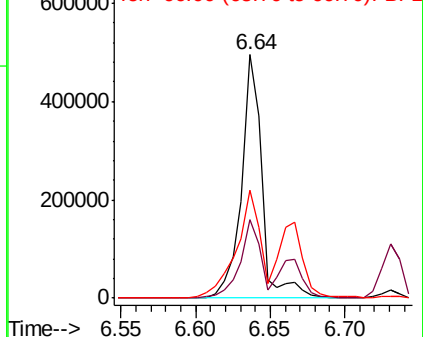
Lab File: BF108432.D

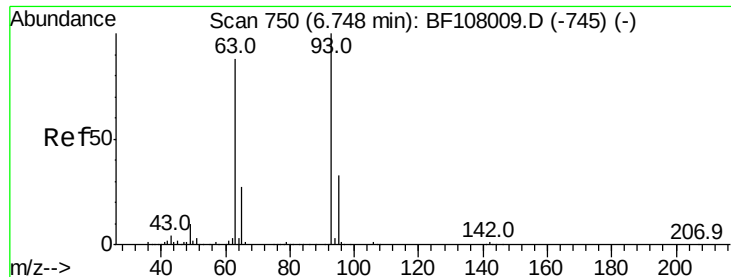
Acq: 23 Aug 2018 20:32

Tgt Ion:	94	Resp:	473044
Ion	Ratio	Lower	Upper
94	100		
65	32.2	7.9	47.9
66	44.4	16.2	56.2



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





#11

bis(2-Chloroethyl)ether

Concen: 42.759 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

ClientSampleId :

PB112282BS

Tot Ion: 93 Resp: 360567

Ion Ratio Lower Upper

93 100

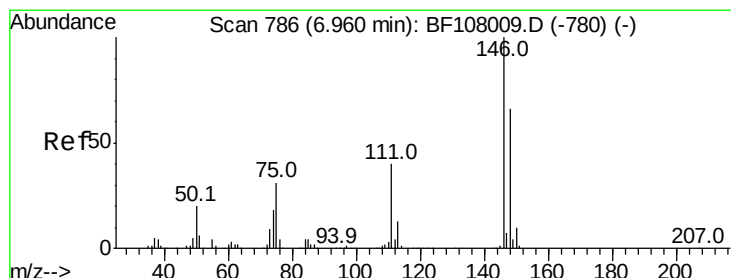
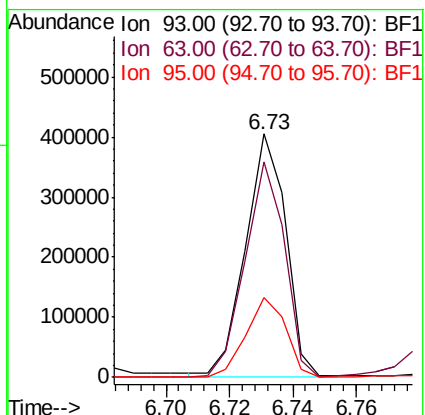
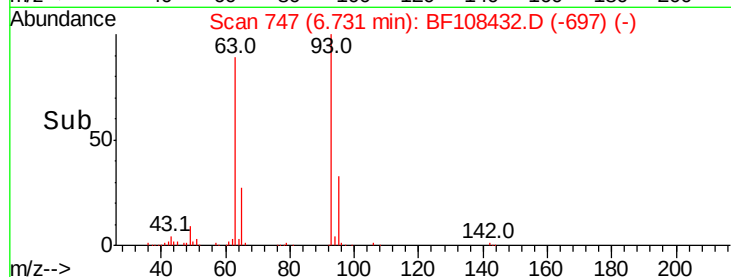
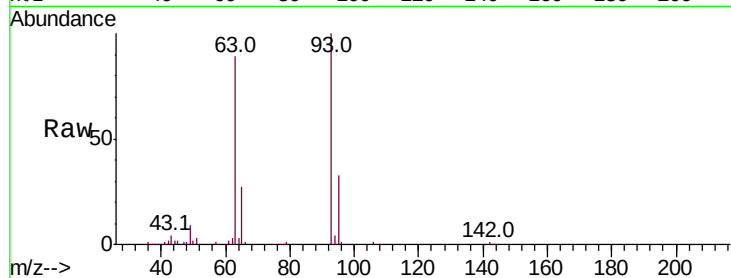
63 88.5 58.6 98.6

95 32.9 11.8 51.8

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#12

1,3-Dichlorobenzene

Concen: 42.301 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

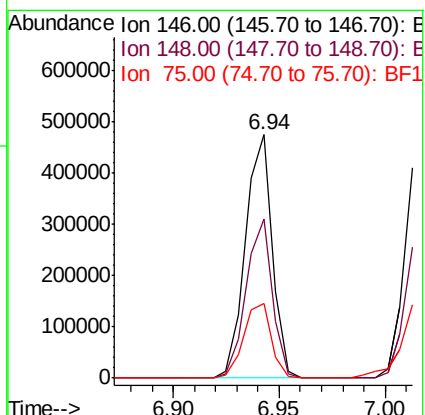
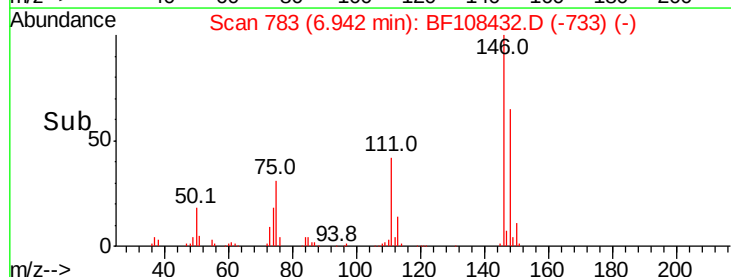
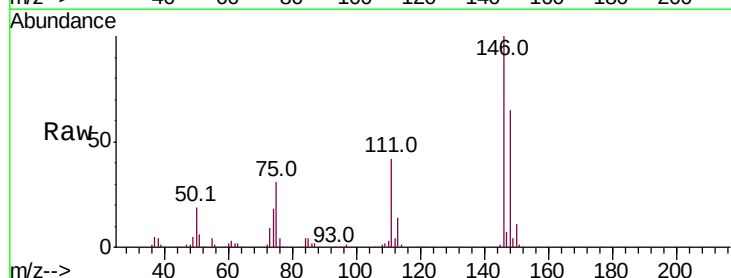
Tgt Ion: 146 Resp: 418010

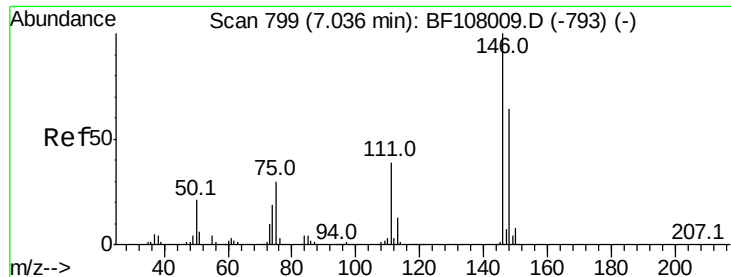
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 30.9 24.2 36.4





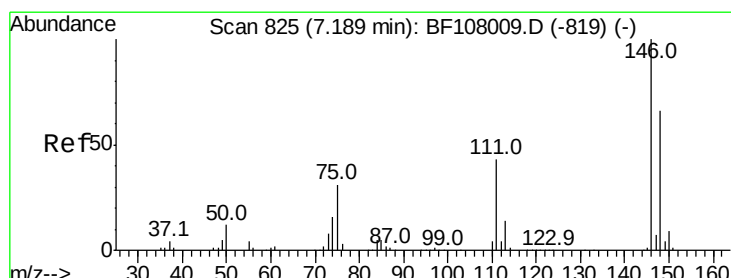
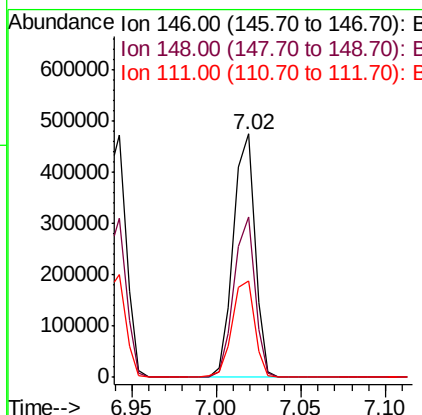
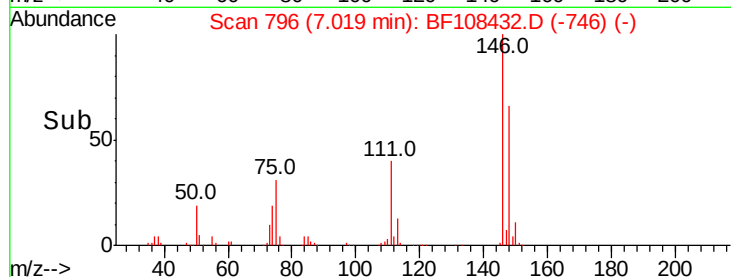
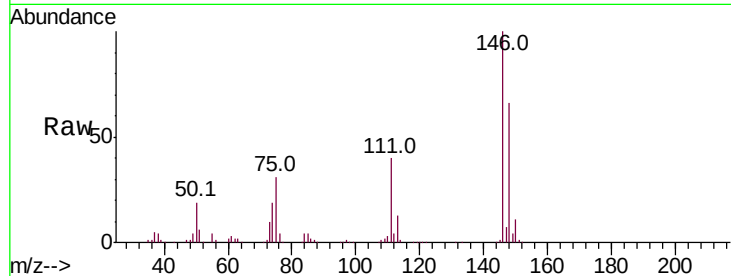
#13
 1,4-Dichlorobenzene
 Concen: 42.694 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.8	76.2
111	39.7	34.2	51.2

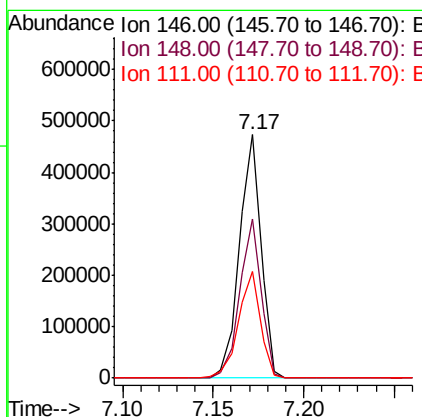
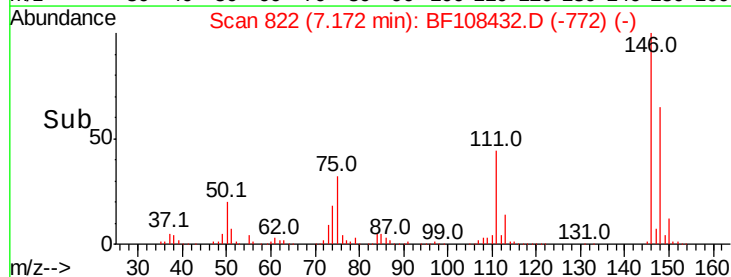
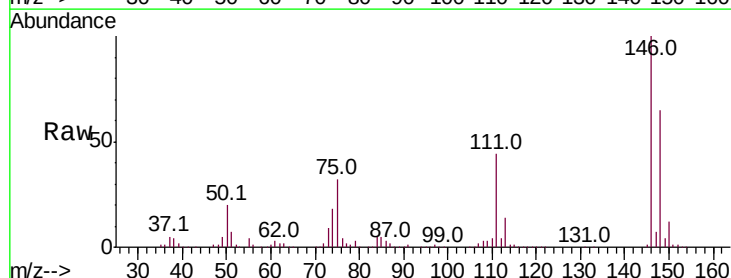
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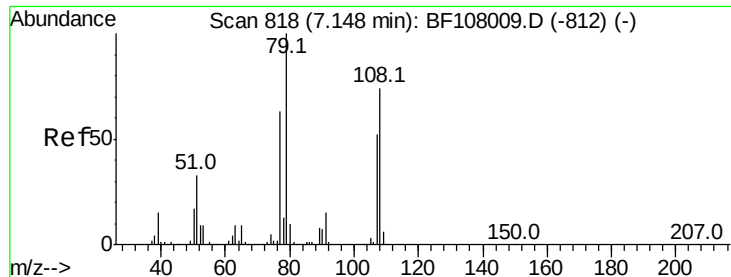
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#14
 1,2-Dichlorobenzene
 Concen: 42.500 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	43.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.291 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

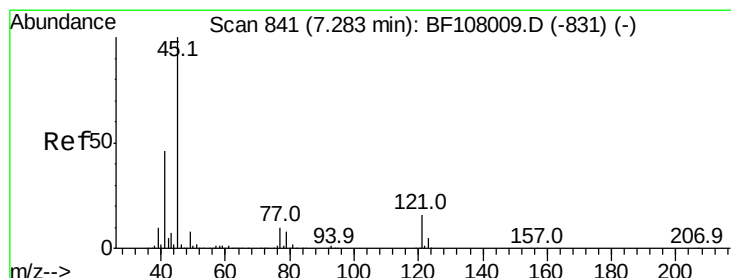
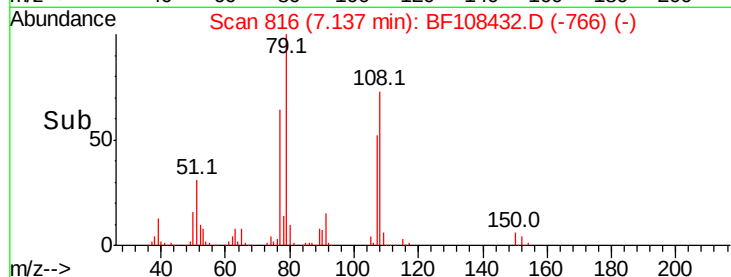
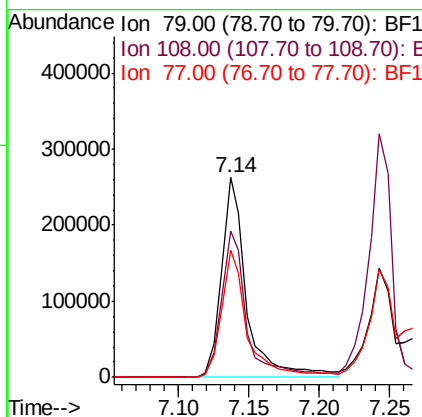
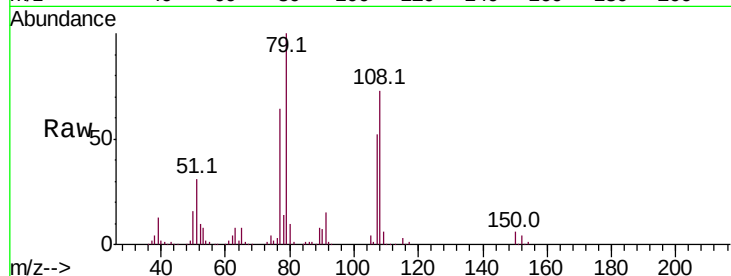
ClientSampleId :

PB112282BS

Tot Ion:	79	Resp:	325049
Ion Ratio	Lower	Upper	
79	100		
108	73.4	65.1	97.7
77	63.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.406 ng

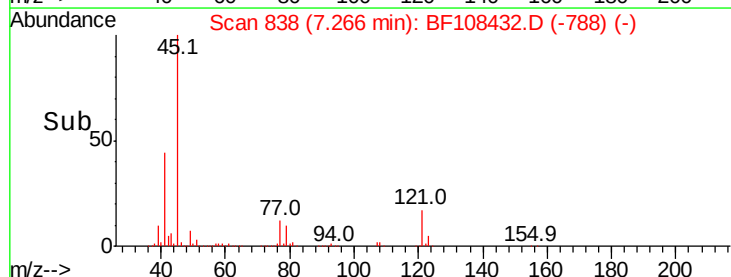
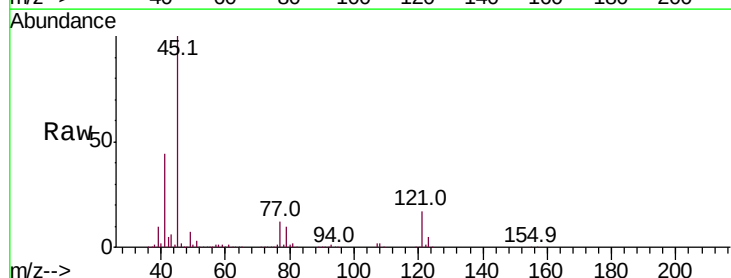
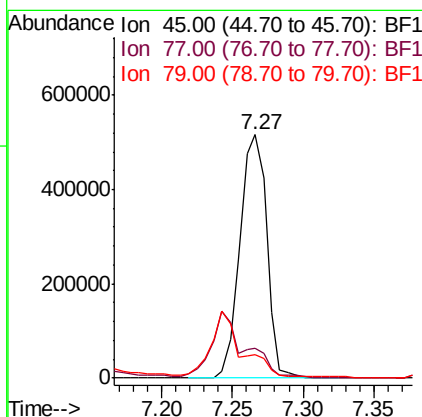
RT: 7.27 min Scan# 838

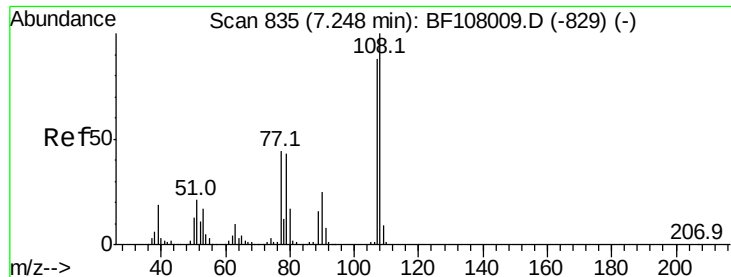
Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Tgt Ion:	45	Resp:	684538
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	9.8	0.0	29.6





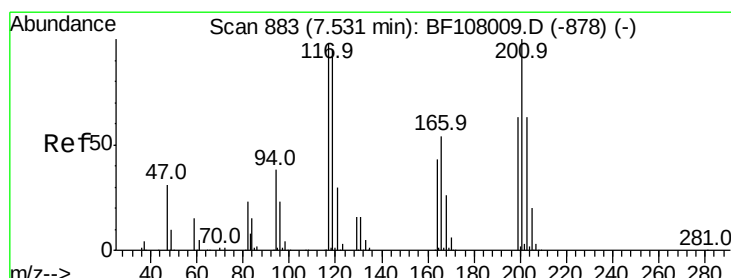
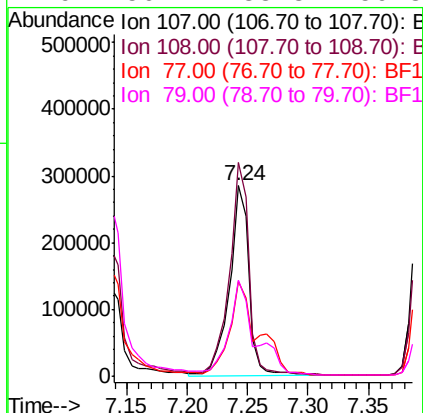
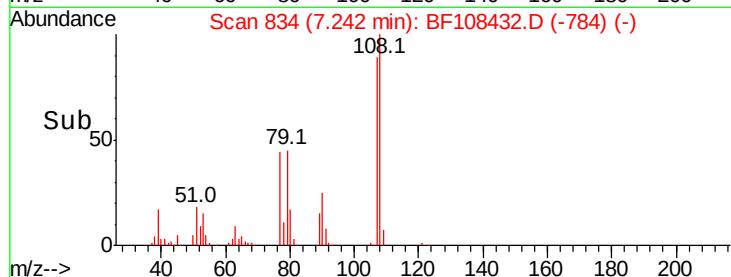
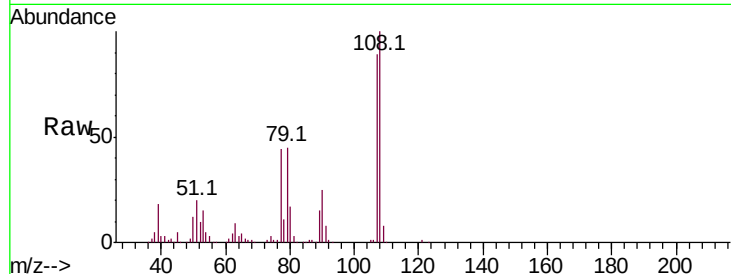
#17
2-Methylphenol
Concen: 43.909 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampled :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.7	137.5	
77	49.6	33.8	50.8	
79	50.2	33.8	50.8	

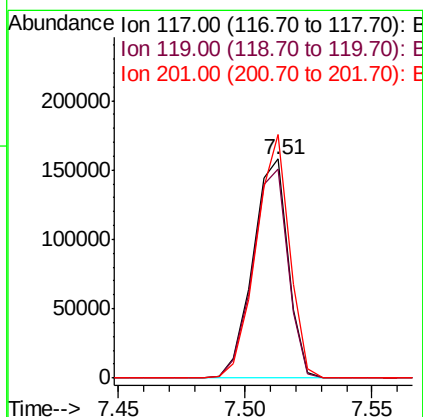
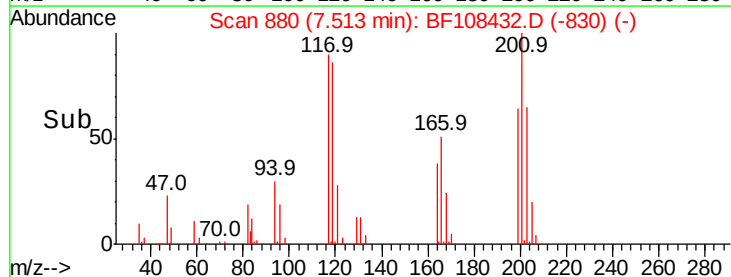
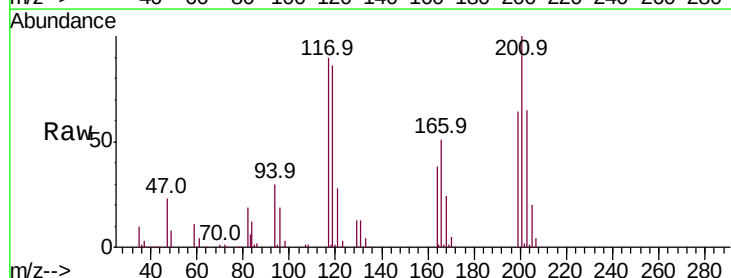
Manual Integrations
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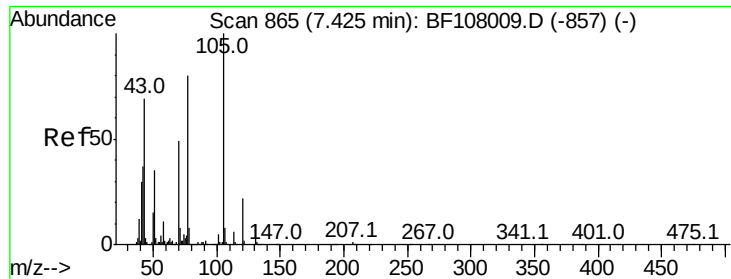
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#18
Hexachloroethane
Concen: 43.502 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.8	113.8	
201	111.1	75.7	113.5	





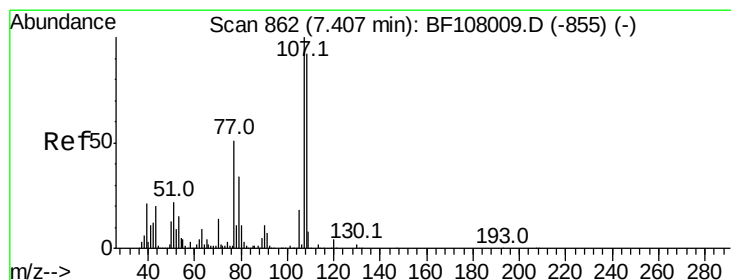
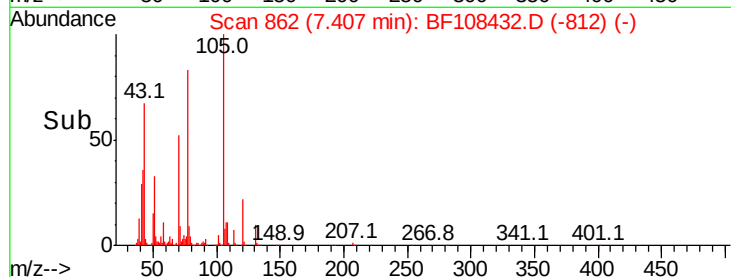
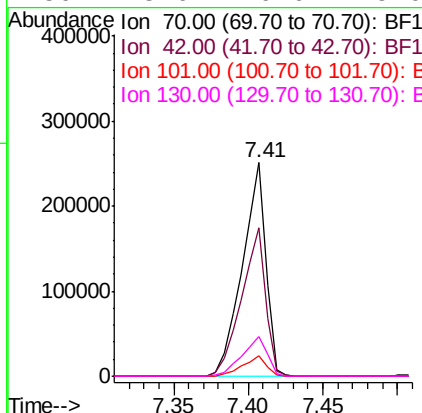
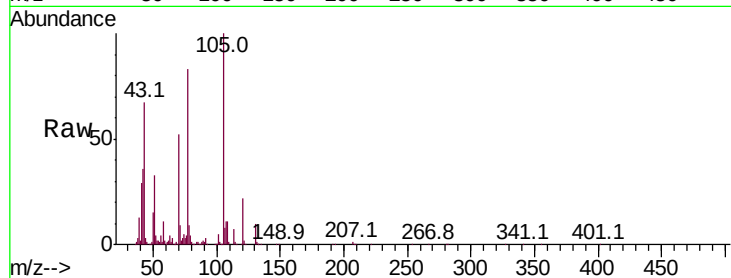
#19
n-Nitroso-di-n-propylamine
Concen: 40.317 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.4	47.5	71.3
101	9.7	7.4	11.2
130	18.6	16.6	25.0

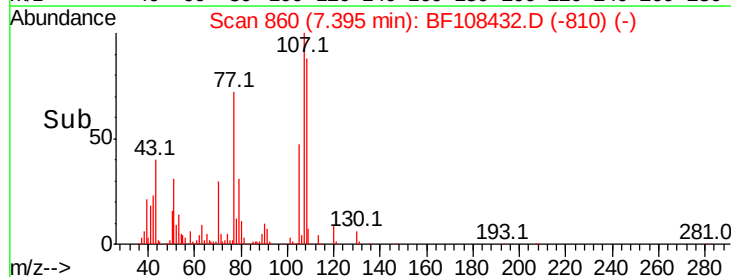
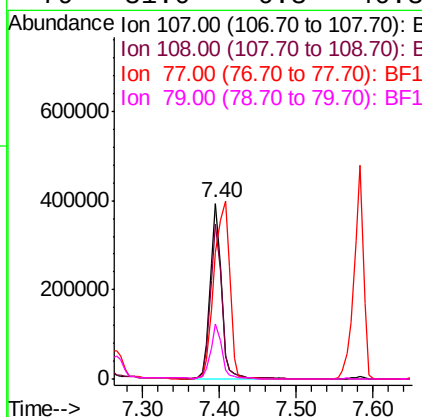
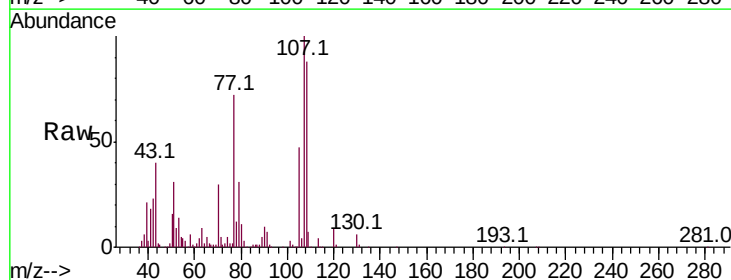
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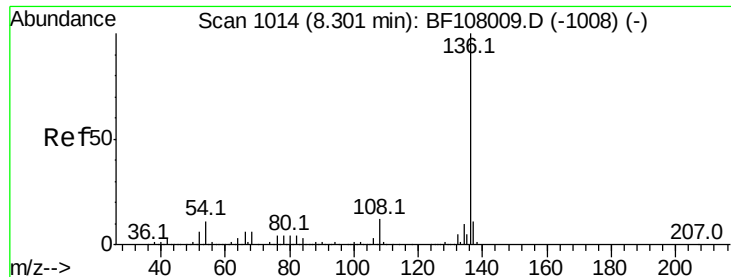
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#20
3+4-Methylphenols
Concen: 42.143 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	72.5	26.7	66.7#
79	31.0	6.3	46.3





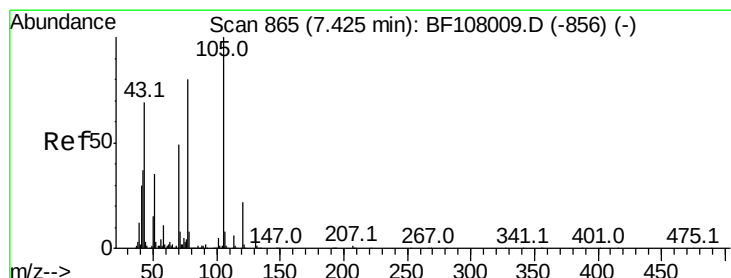
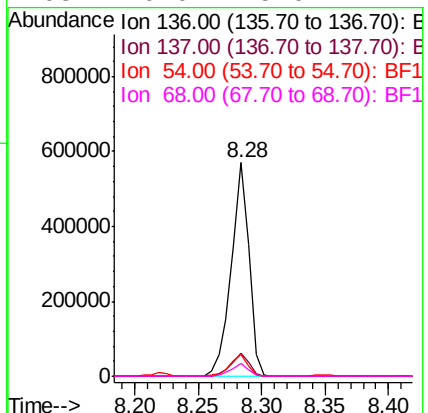
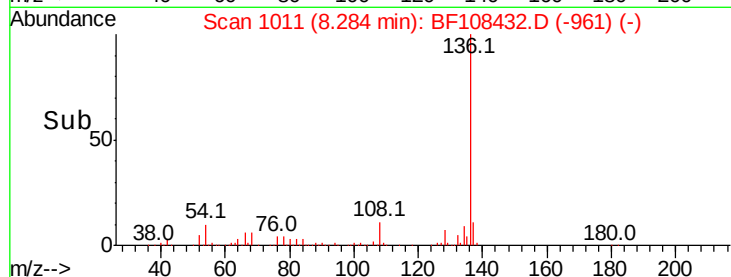
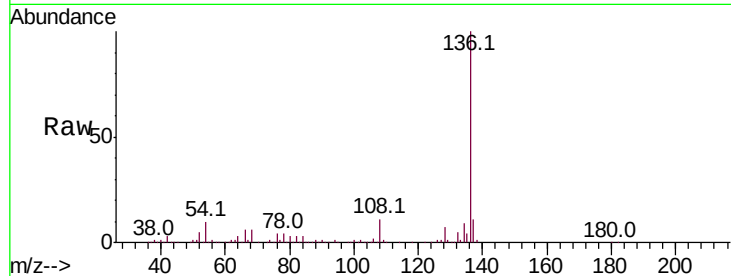
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.9	6.6	9.8#	
68	6.0	5.0	7.4	

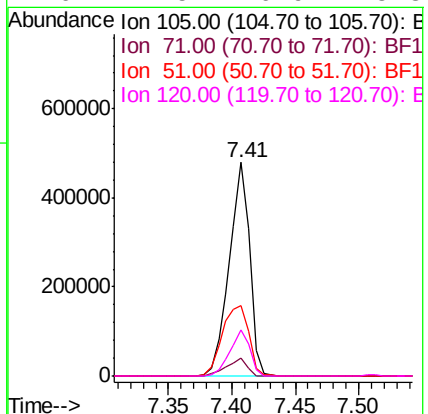
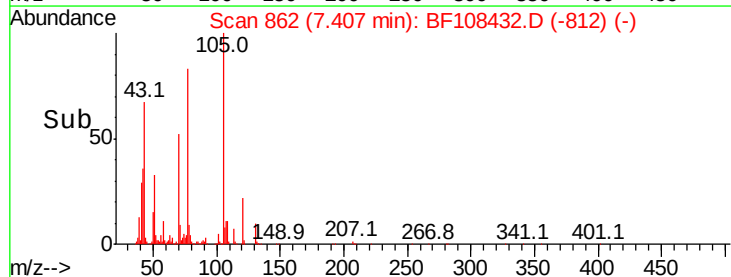
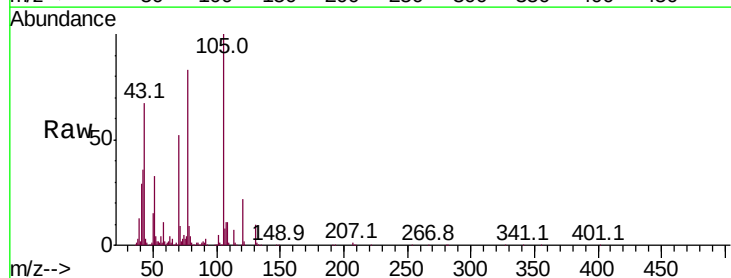
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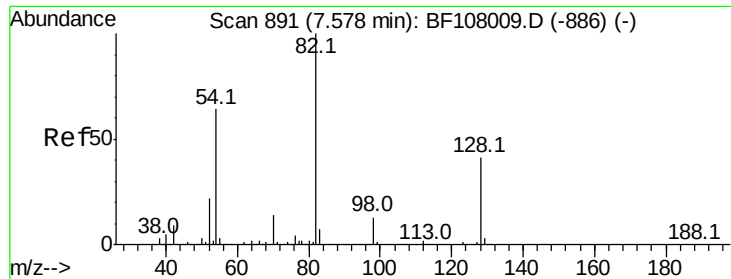
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#22
Acetophenone
Concen: 41.390 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	4.4	6.6#	
51	33.1	22.3	33.5	
120	21.5	16.9	25.3	





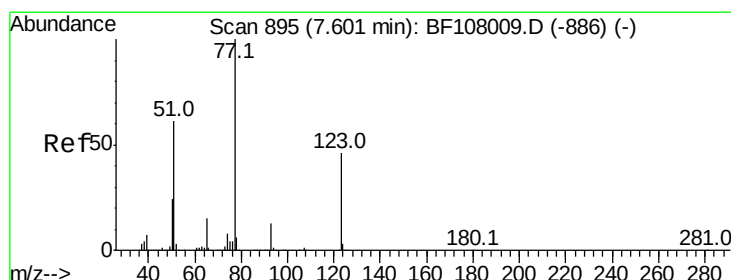
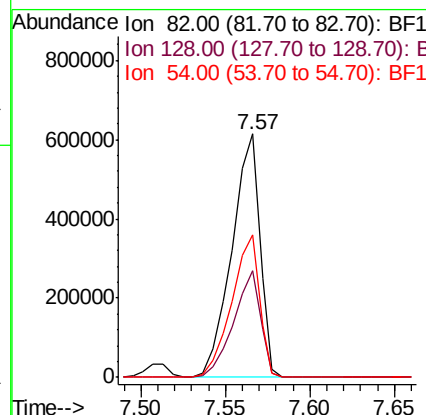
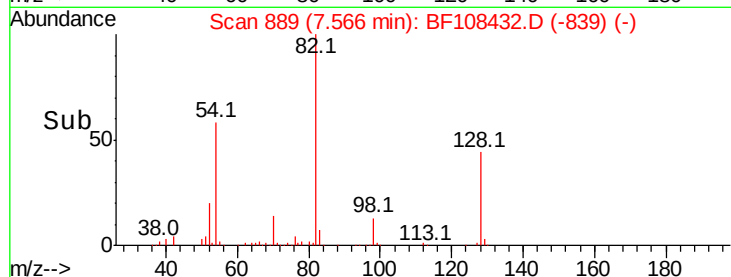
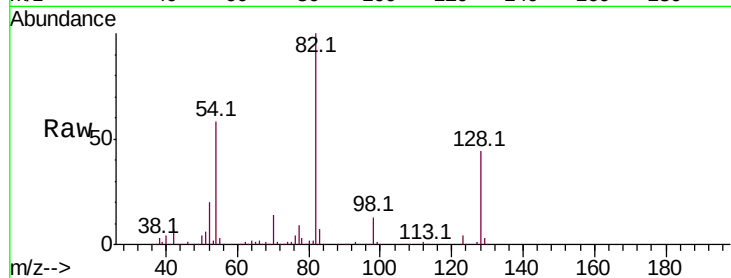
#23
 Nitrobenzene-d5
 Concen: 72.168 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	58.5	41.4	62.2

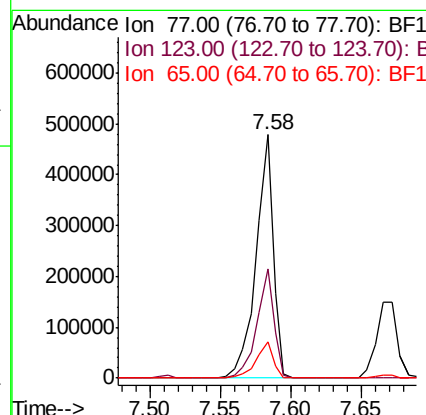
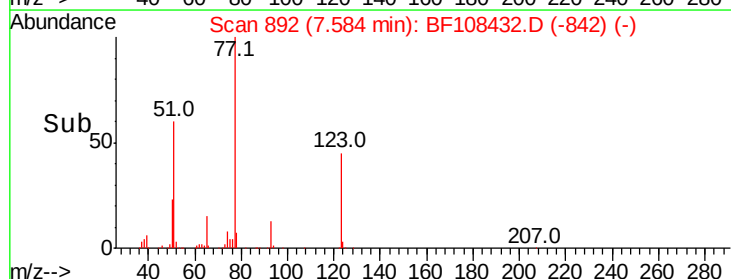
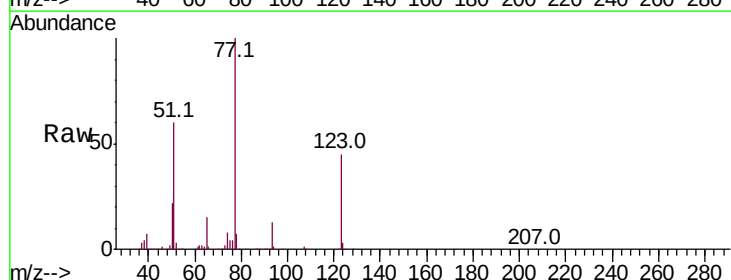
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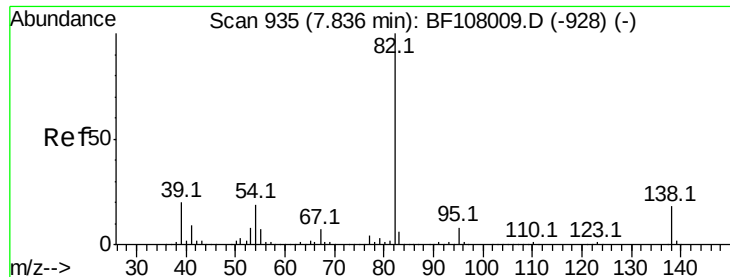
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#24
 Nitrobenzene
 Concen: 41.435 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 40.817 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

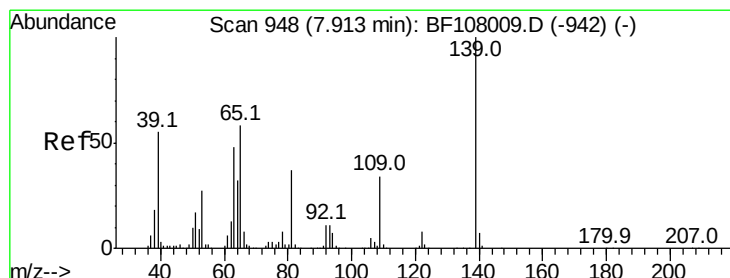
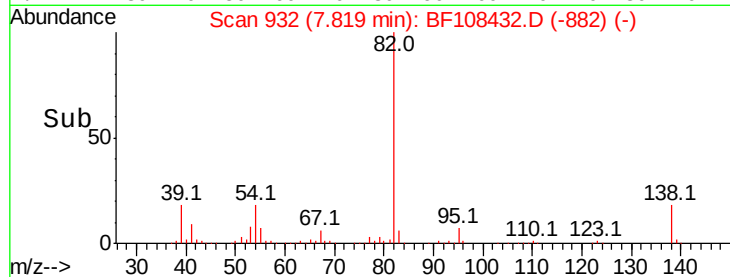
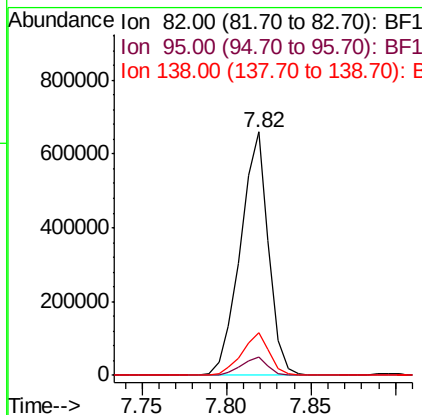
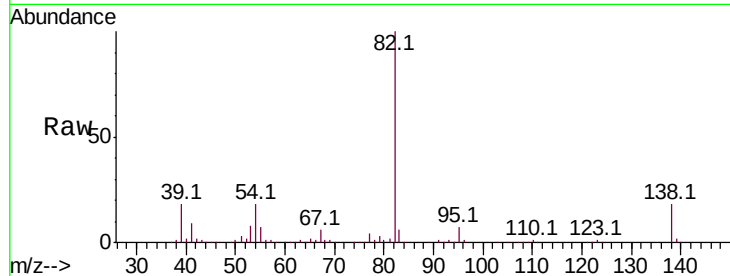
ClientSampleId :

PB112282BS

Tot Ion:	82	Resp:	766097
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	17.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 49.576 ng

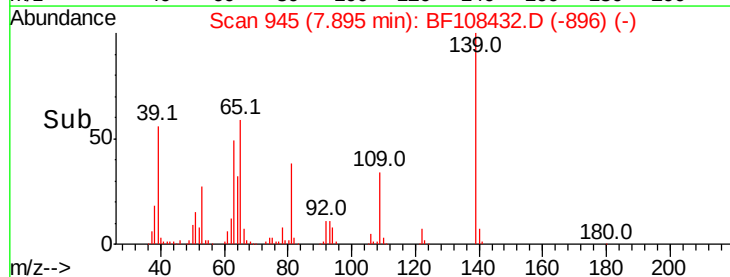
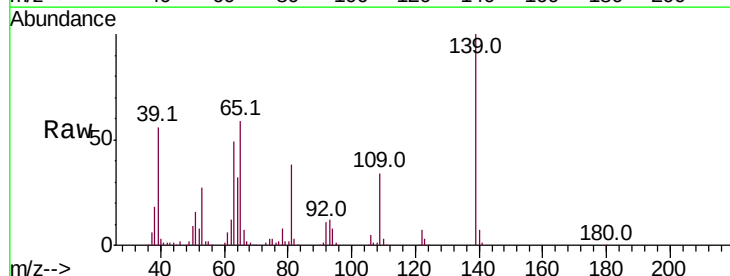
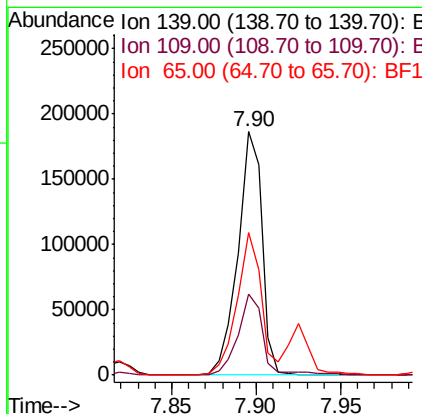
RT: 7.90 min Scan# 945

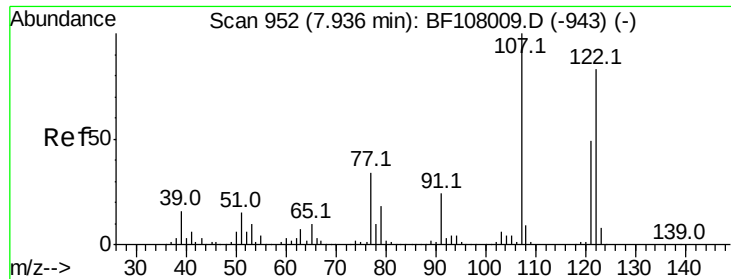
Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Tgt Ion:	139	Resp:	186428
Ion Ratio	Lower	Upper	
139	100		
109	33.5	22.7	34.1
65	58.7	40.5	60.7





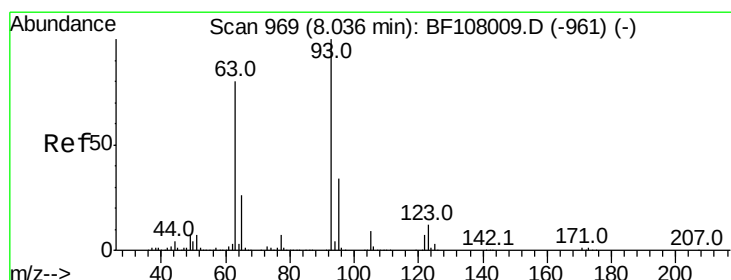
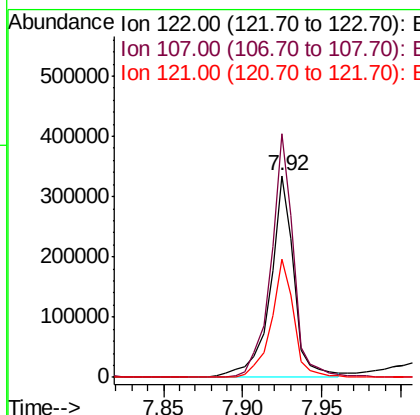
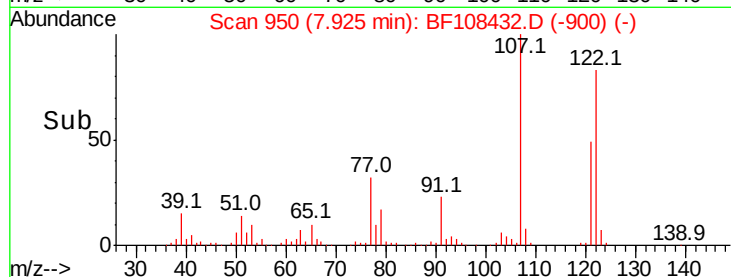
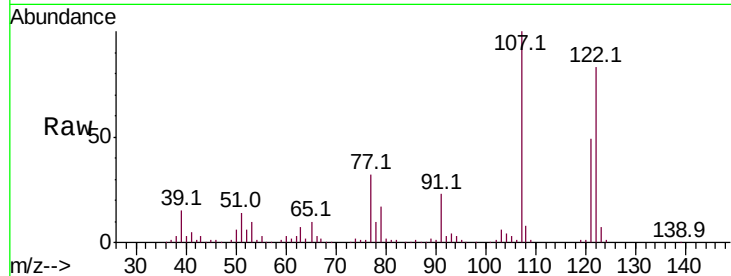
#27
 2,4-Dimethylphenol
 Concen: 41.660 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleID :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	347032		
107	120.5	91.2	136.8	
121	58.7	47.2	70.8	

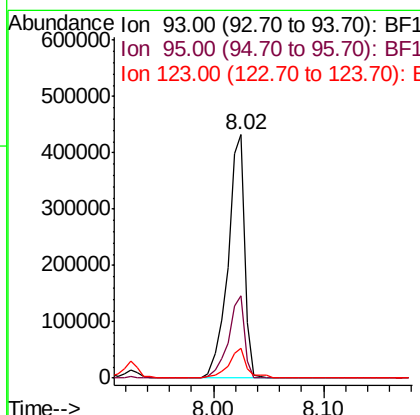
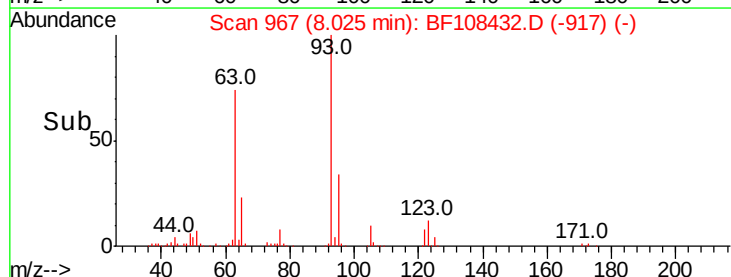
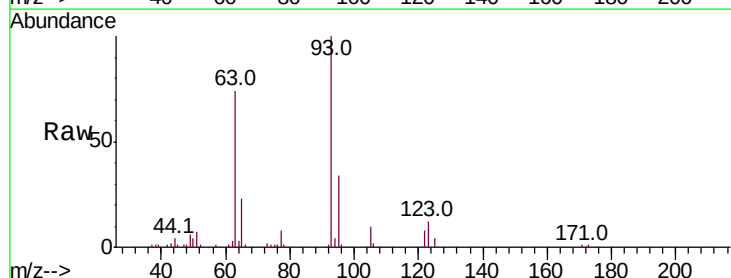
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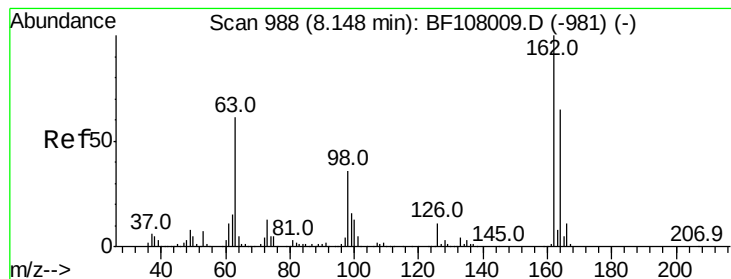
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.744 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457388		
95	33.6	26.3	39.5	
123	12.2	9.8	14.6	





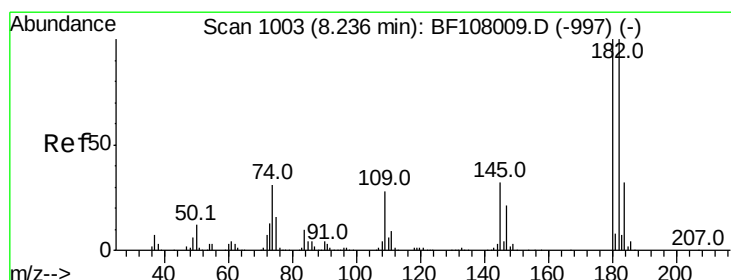
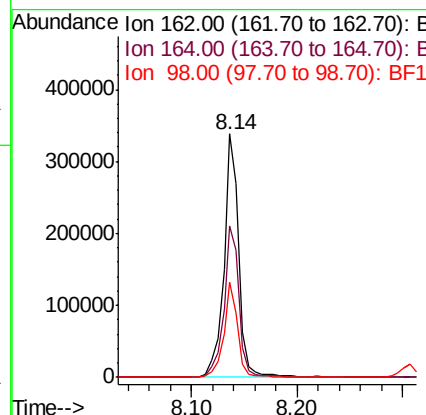
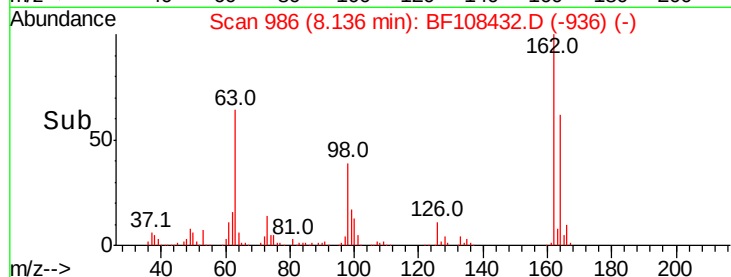
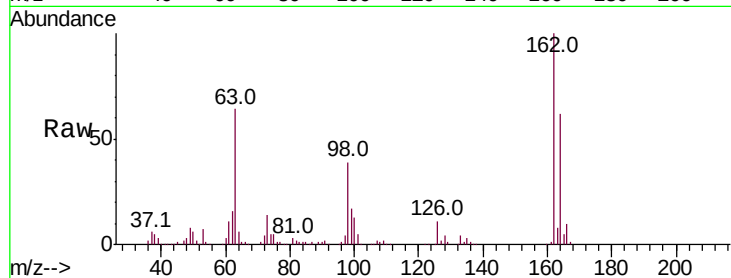
#29
2,4-Dichlorophenol
Concen: 43.643 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	334568		
164	62.0		42.7	82.7
98	38.9		18.1	58.1

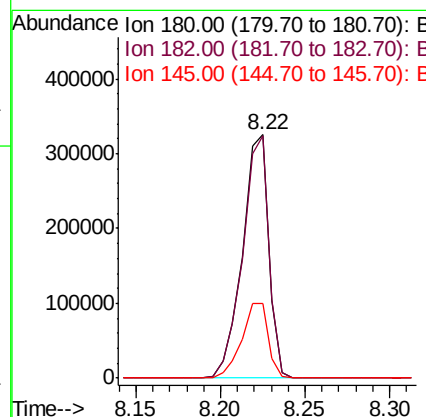
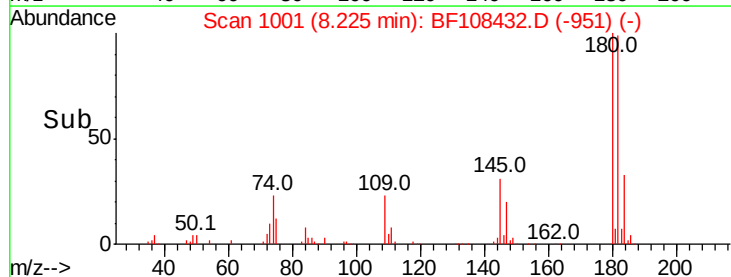
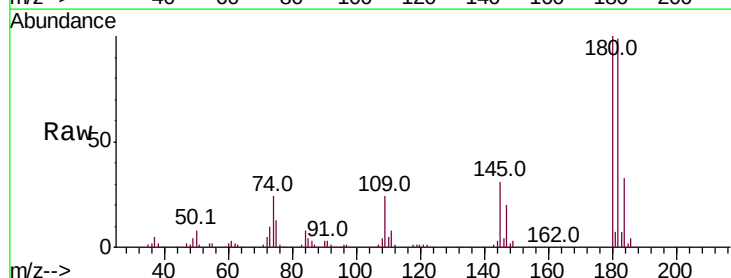
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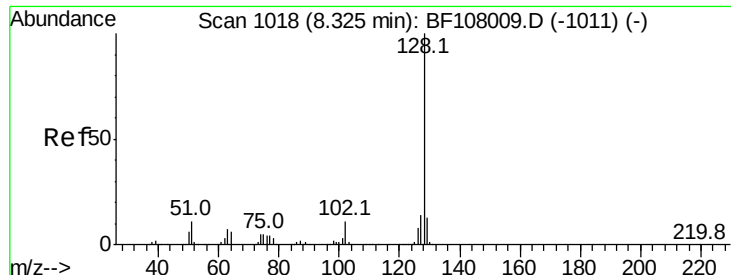
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.093 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	355773		
182	99.4		76.8	115.2
145	30.7		26.5	39.7





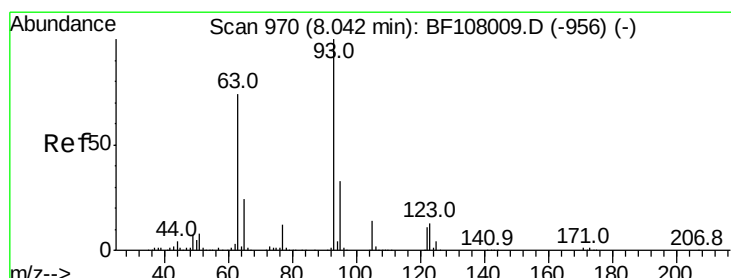
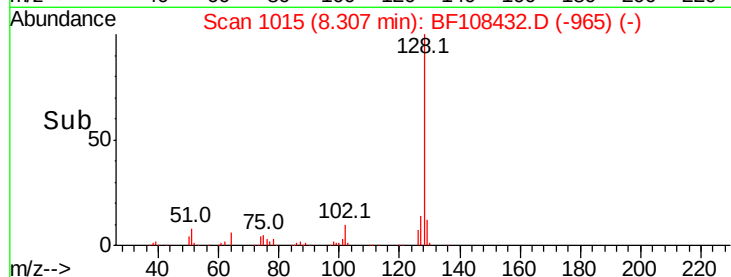
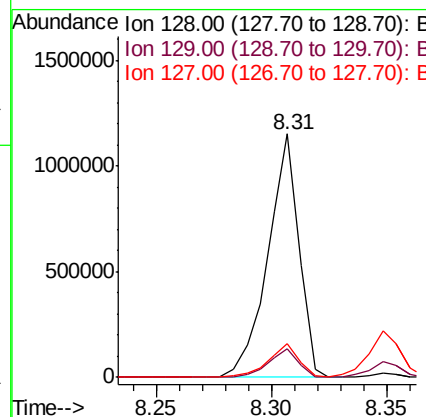
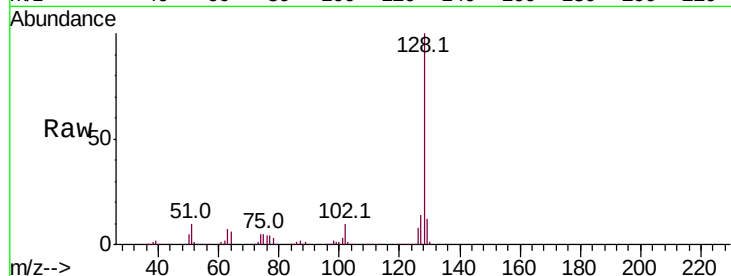
#31
Naphthalene
Concen: 43.031 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.7	10.9	16.3

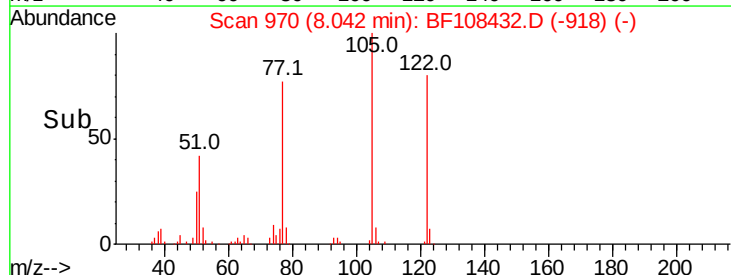
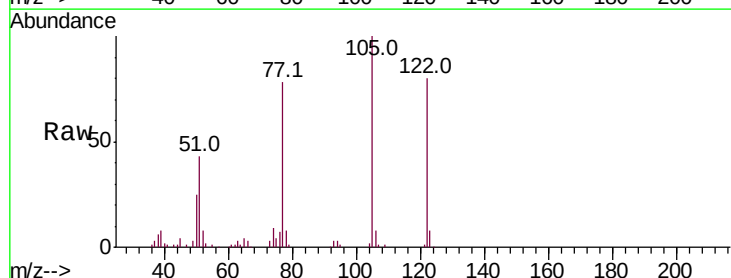
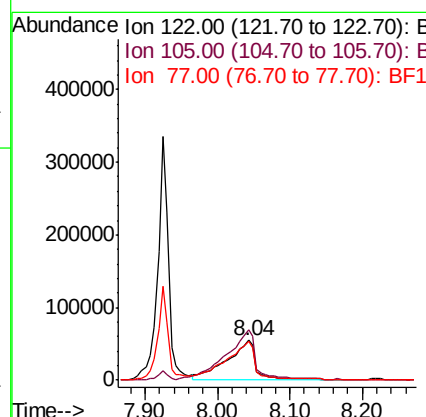
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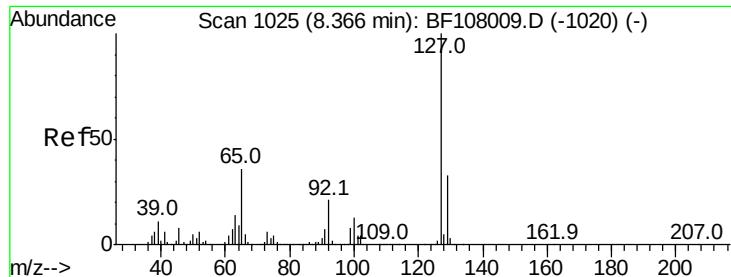
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#32
Benzoic acid
Concen: 33.528 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	101.1	141.1
77	98.5	70.7	110.7





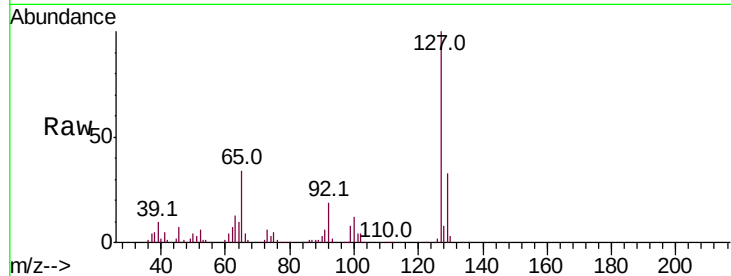
#33
4-Chloroaniline
Concen: 20.442 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	222616		
129	33.1	25.9	38.9	
65	33.8	25.0	37.4	
92	19.2	15.2	22.8	

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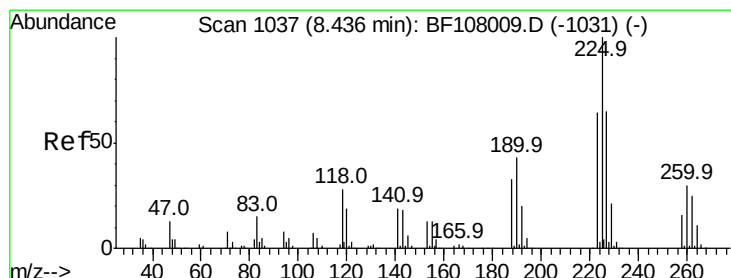
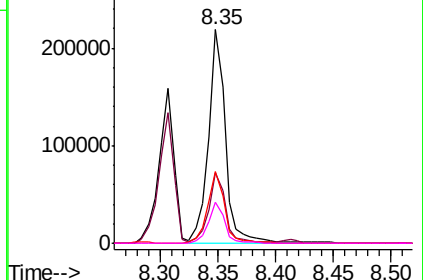
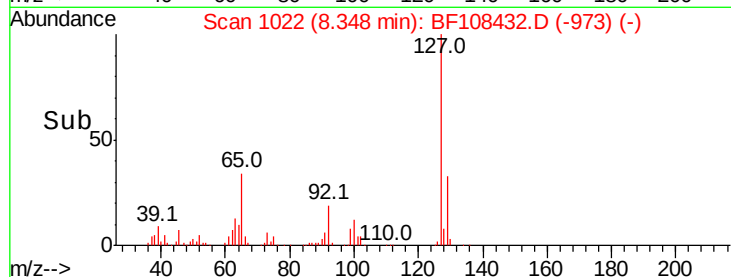
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

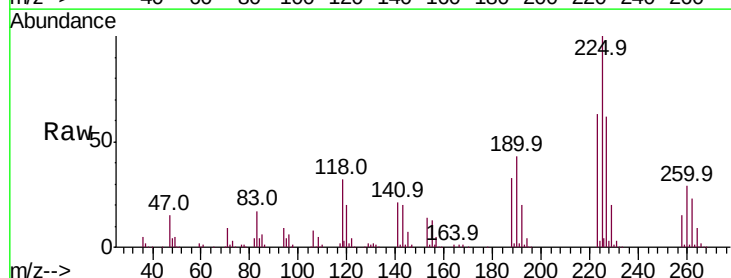
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.994 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	230043		
223	63.2	50.6	76.0	
227	62.3	51.9	77.9	

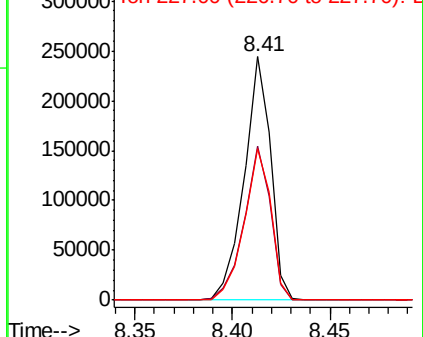
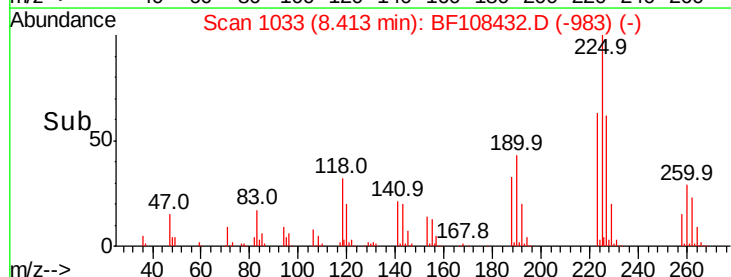


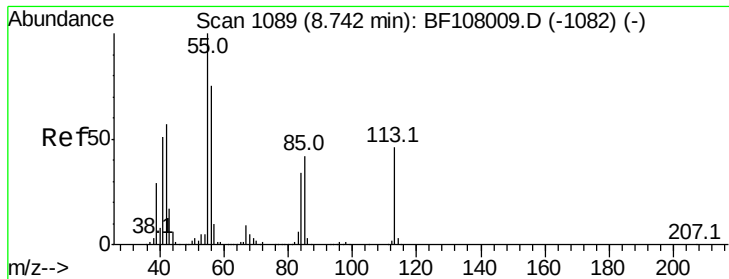
Abundance

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: 39.289 ng/ml

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

ClientSampleID :

PB112282BS

Tot Ion:113 Resp: 94385

Ion Ratio Lower Upper

113 100

55 213.5 163.3 203.3#

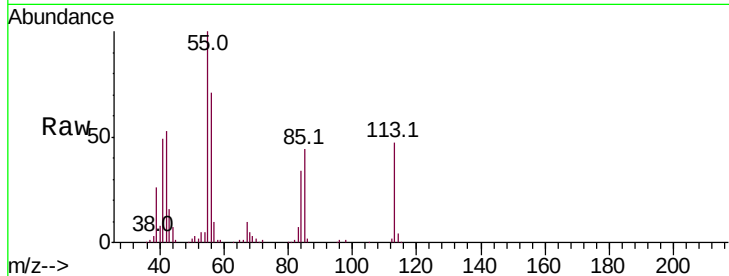
56 152.1 115.7 155.7

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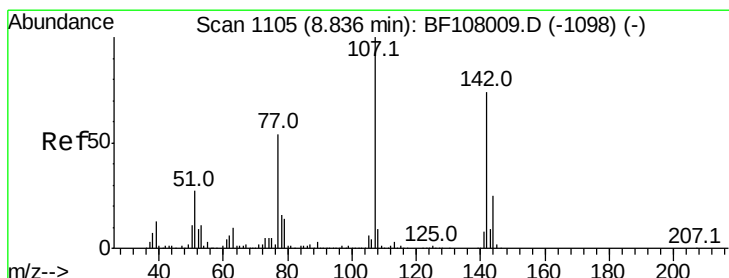
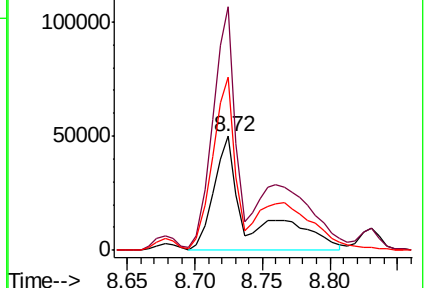
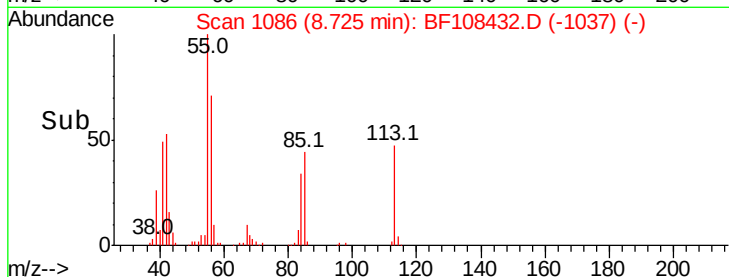
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.390 ng/ml

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

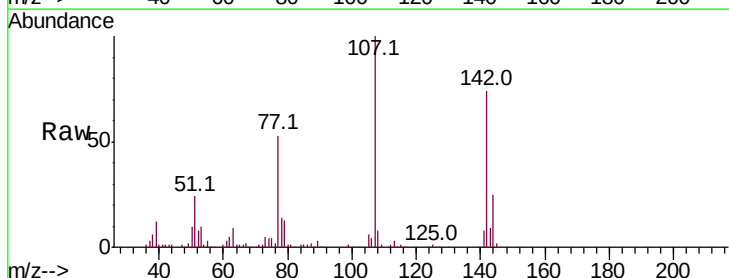
Tgt Ion:107 Resp: 350561

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

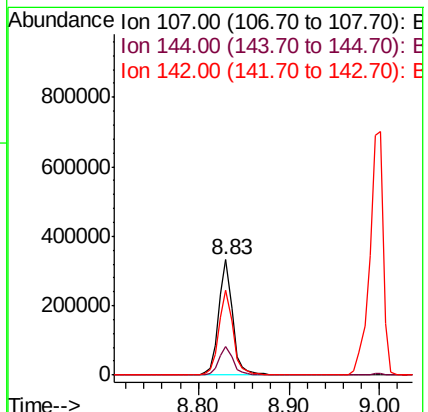
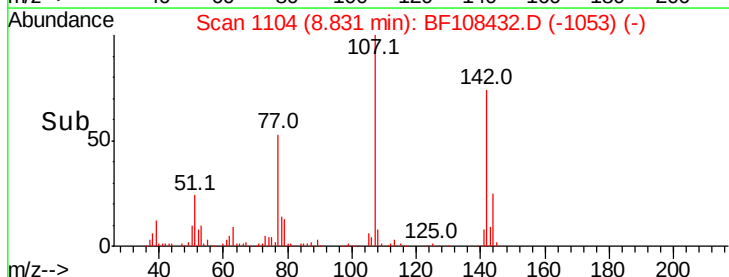
142 73.6 62.0 93.0

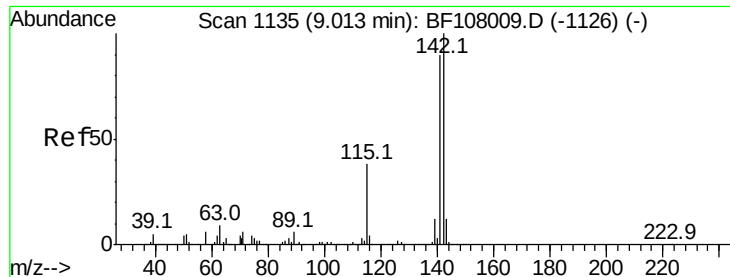


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





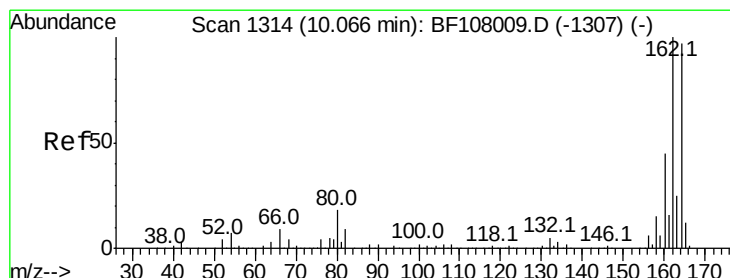
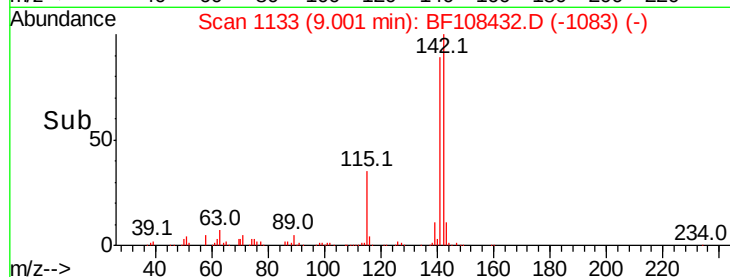
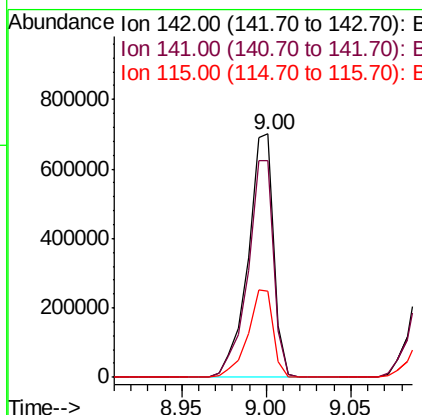
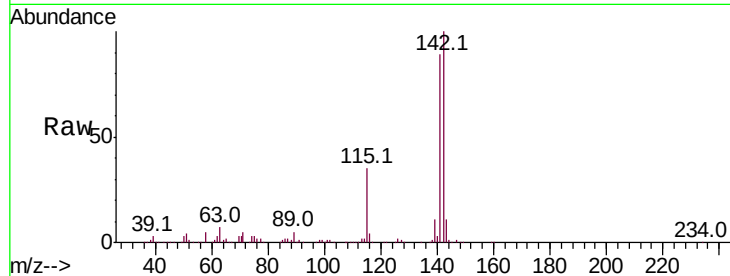
#37
 2-Methylnaphthalene
 Concen: 42.339 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion:	142	Resp:	748567
Ion Ratio	Lower	Upper	
142	100		
141	89.0	70.8	106.2
115	35.2	26.1	39.1

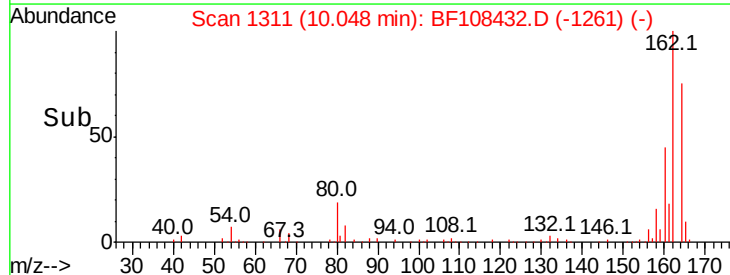
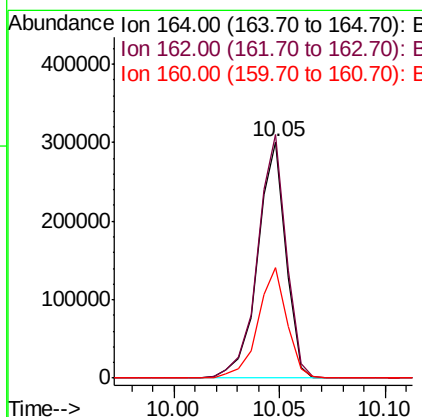
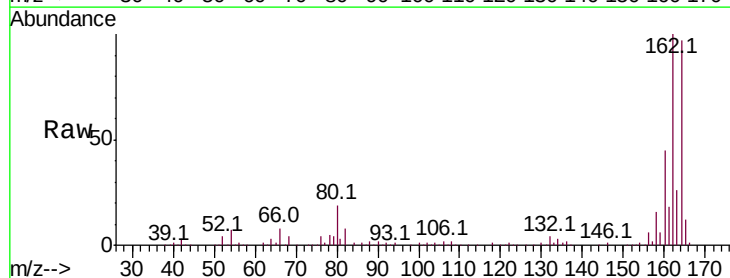
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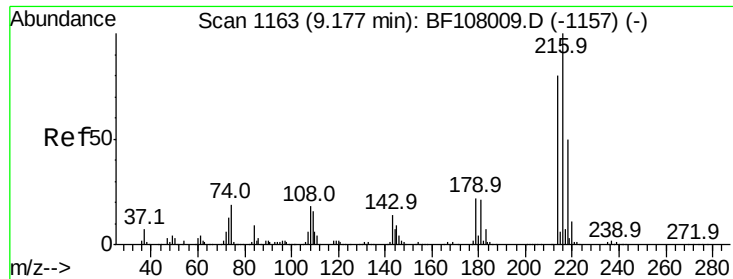
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion:	164	Resp:	280073
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	46.8	38.3	57.5





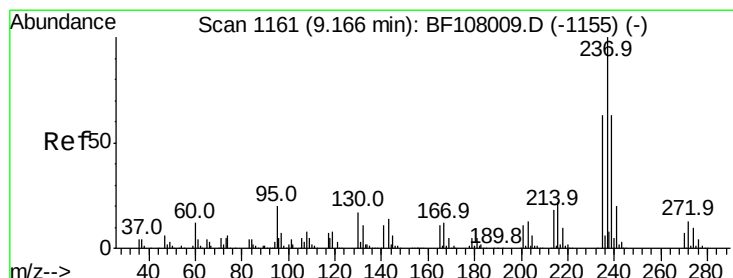
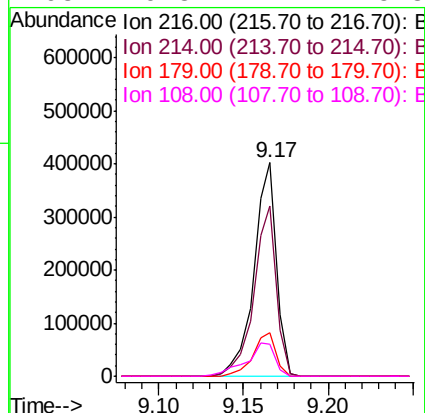
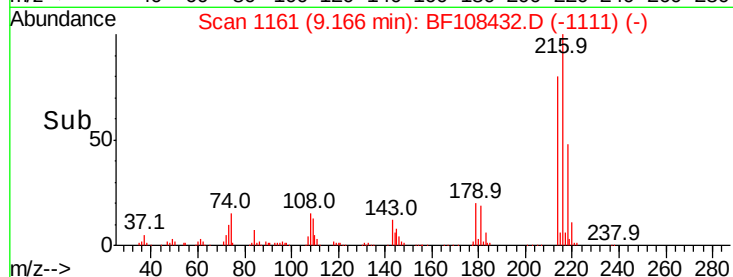
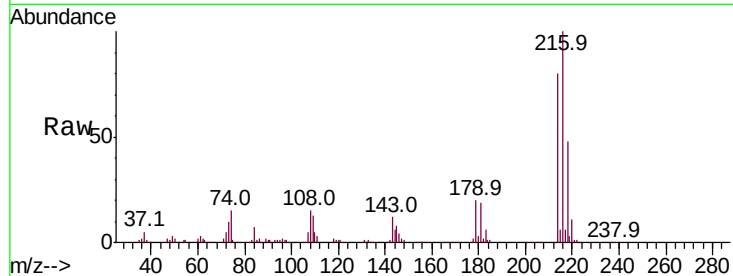
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.819 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.8	18.1	27.1
108	19.8	17.2	25.8

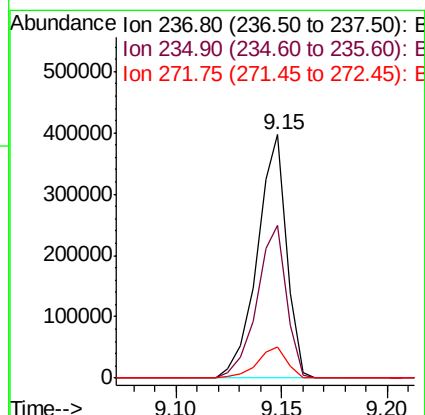
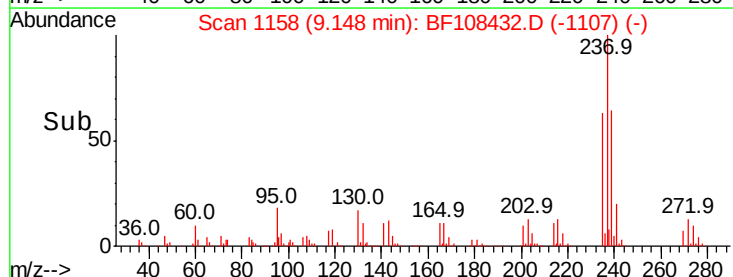
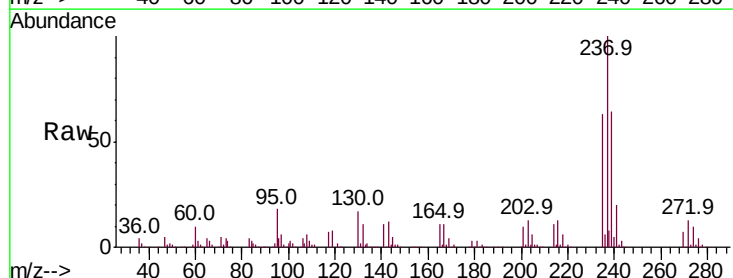
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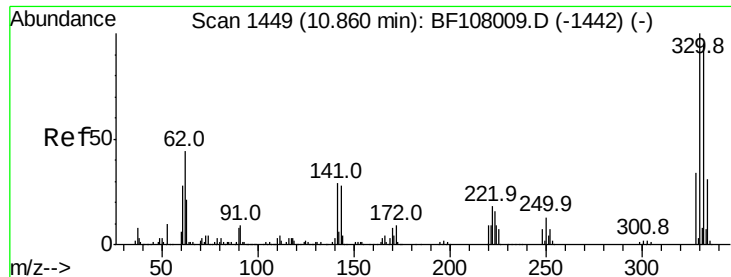
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#40
 Hexachlorocyclopentadiene
 Concen: 68.998 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	44.8	84.8
272	12.6	0.0	33.3





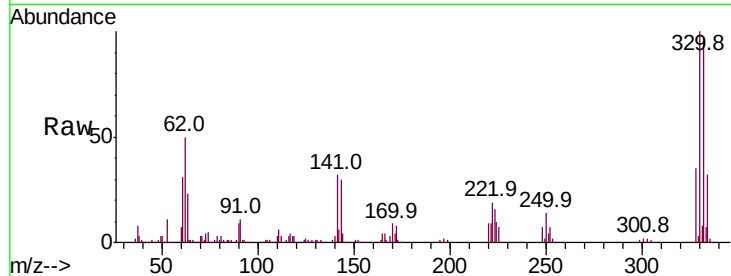
#41
 2,4,6-Tribromophenol
 Concen: 116.899 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampled :
 PB112282BS

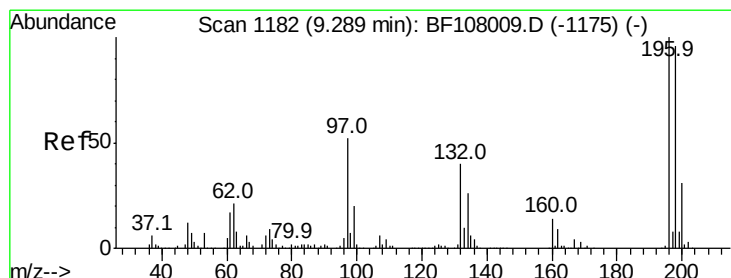
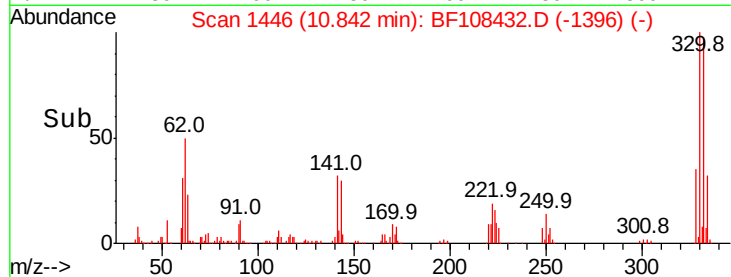
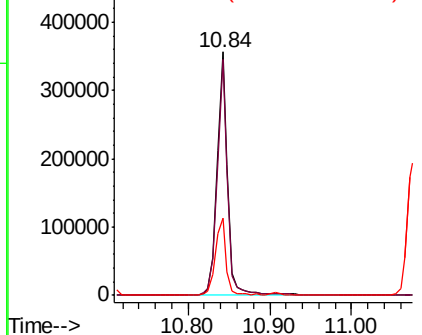
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	32.1	29.9	44.9	

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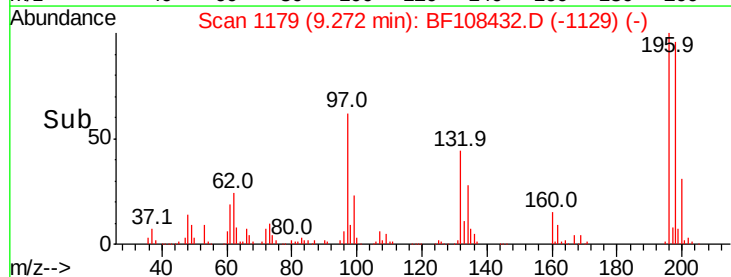
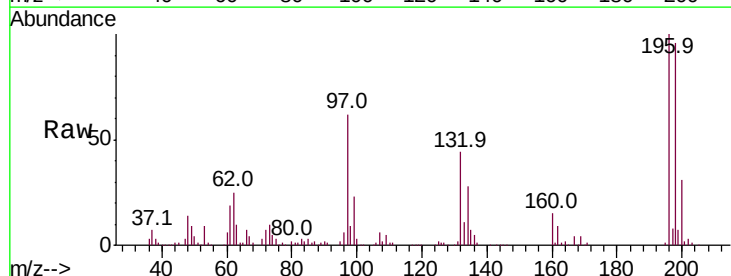
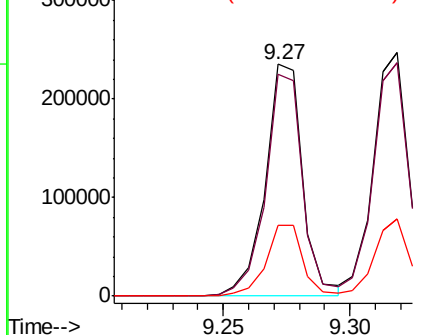
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

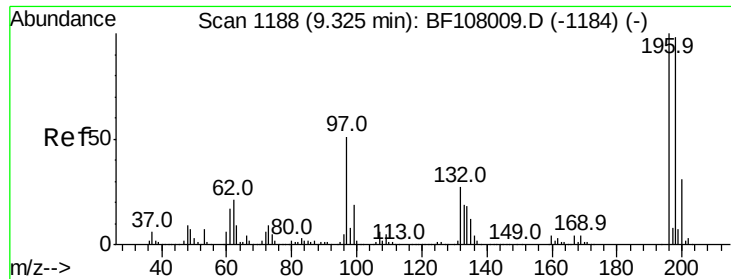


#42
 2,4,6-Trichlorophenol
 Concen: 45.542 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	75.7	113.5	
200	30.6	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





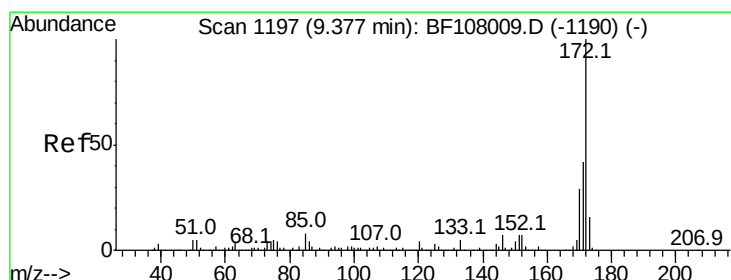
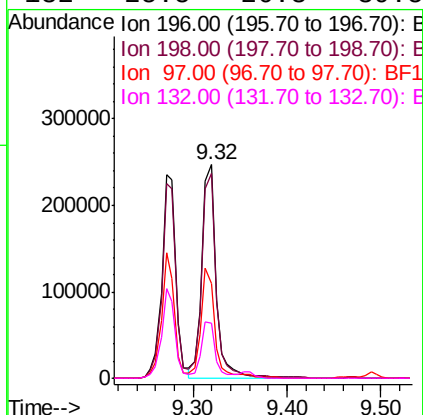
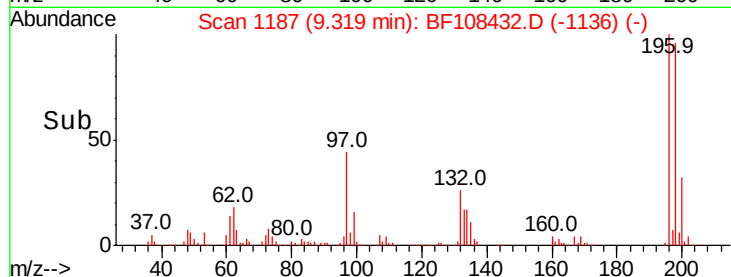
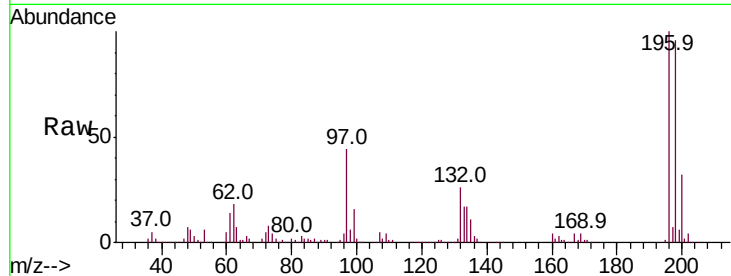
#43
 2,4,5-Trichlorophenol
 Concen: 44.689 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262562		
198	95.9	74.6	112.0	
97	44.1	42.9	64.3	
132	25.5	26.3	39.5	

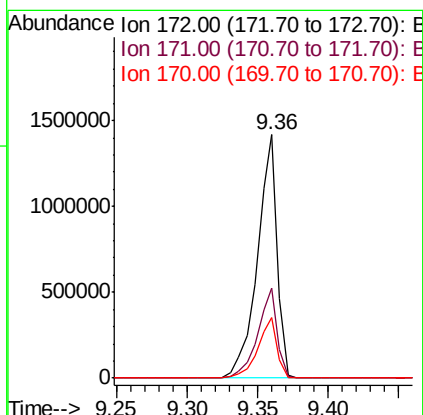
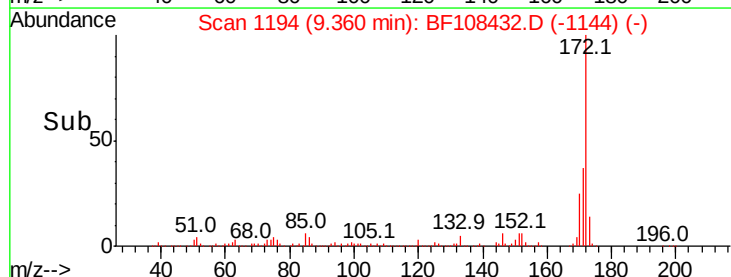
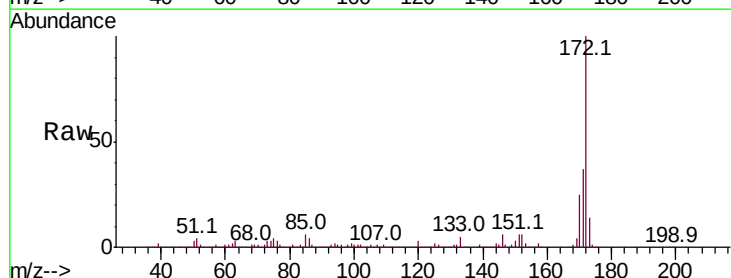
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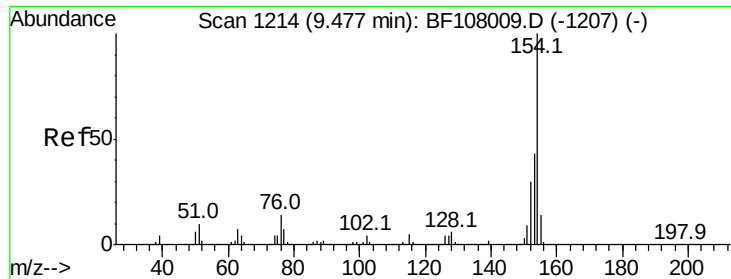
Sohil
 8/24/2018 12:14:09 PM



#44
 2-Fluorobiphenyl
 Concen: 79.984 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1395323		
171	37.0	29.7	44.5	
170	24.8	19.6	29.4	





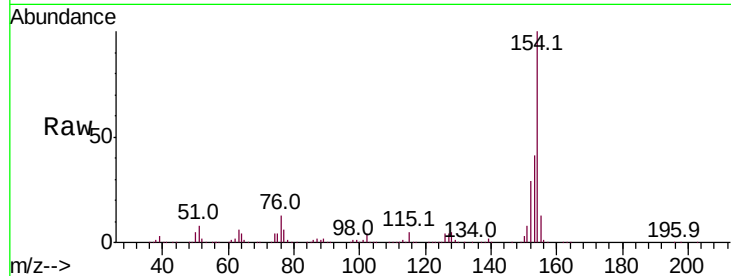
#45
 1,1'-Biphenyl
 Concen: 44.356 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	13.0	0.0	34.0	

Manual Integrations
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Sohil
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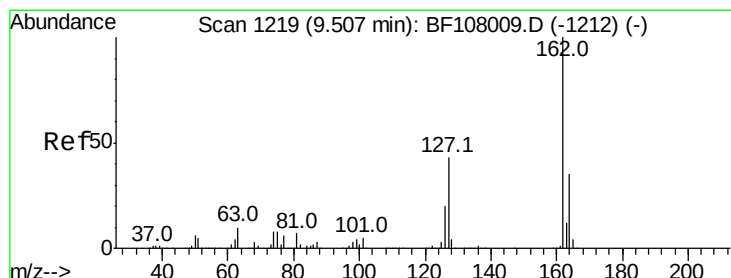
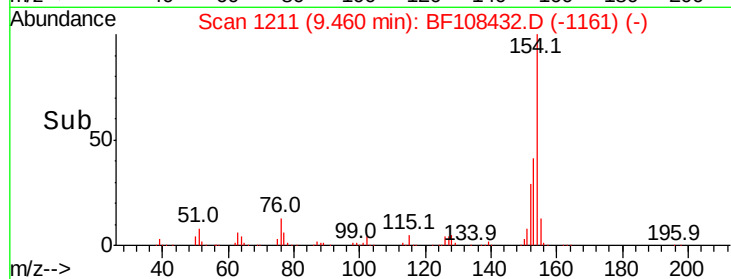
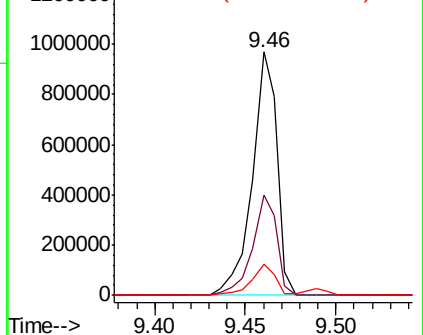


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 43.387 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

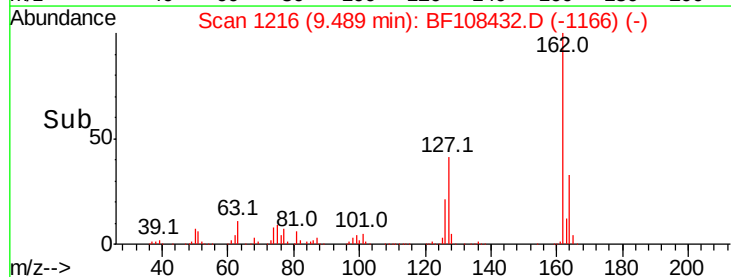
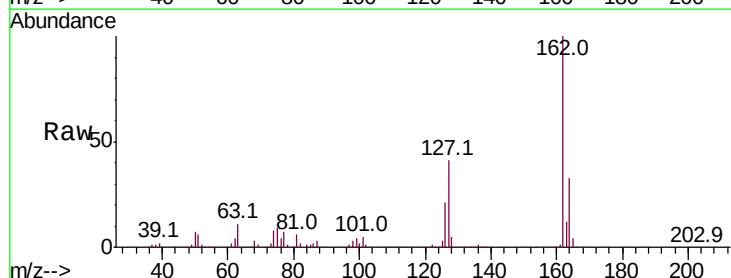
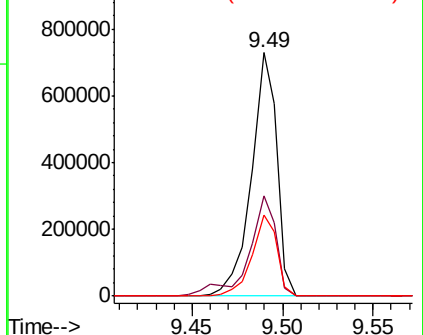
Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	33.9	50.9	
164	33.3	26.5	39.7	

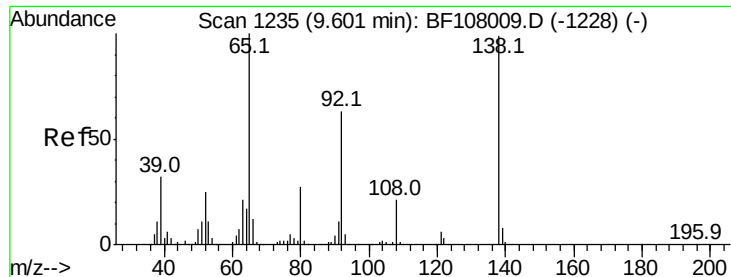
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.175 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

ClientSampleId :

PB112282BS

Tot Ion: 65 Resp: 233278

Ion Ratio Lower Upper

65 100

92 65.4 55.8 83.6

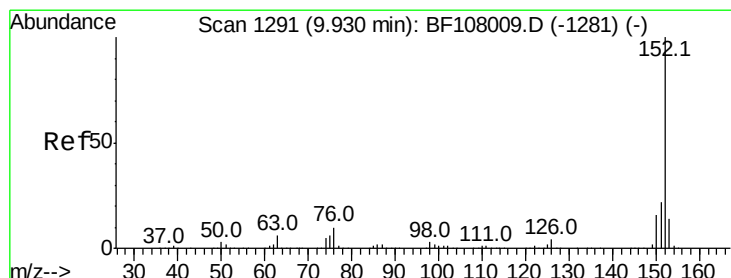
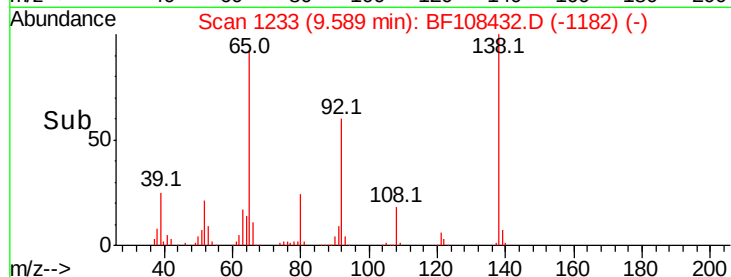
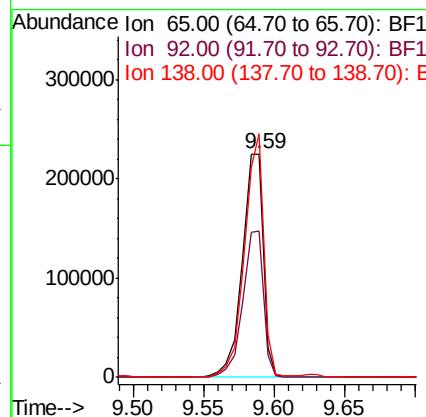
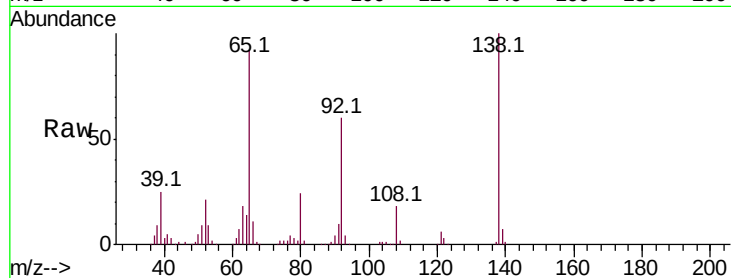
138 109.0 91.2 136.8

Manual Integrations

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#48

Acenaphthylene

Concen: 43.500 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

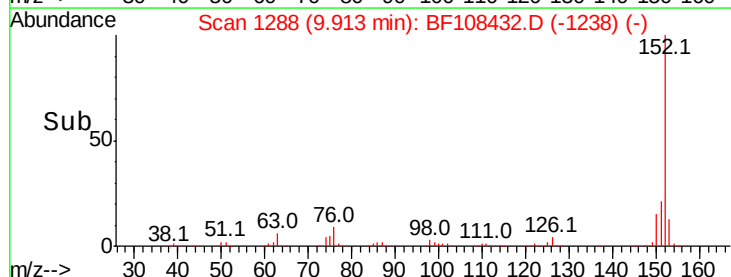
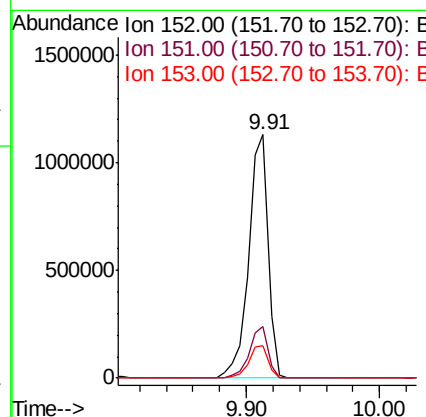
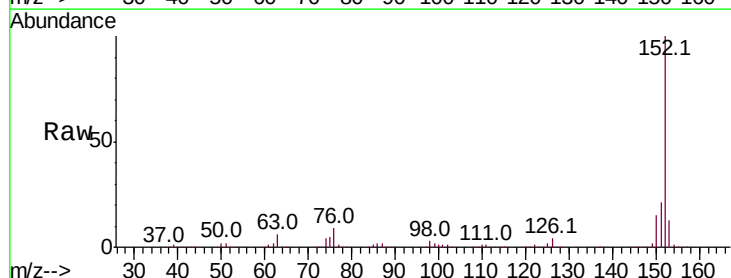
Tgt Ion: 152 Resp: 1122388

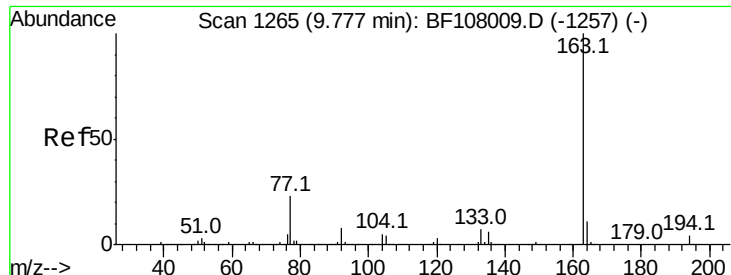
Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 13.5 10.7 16.1





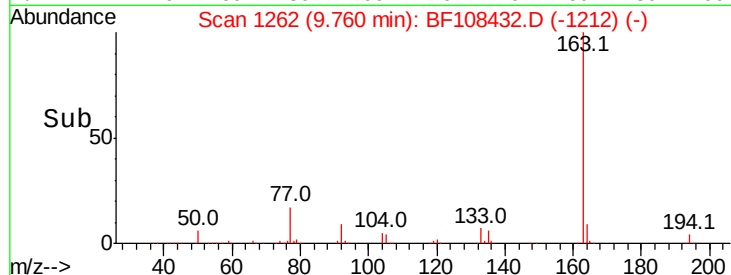
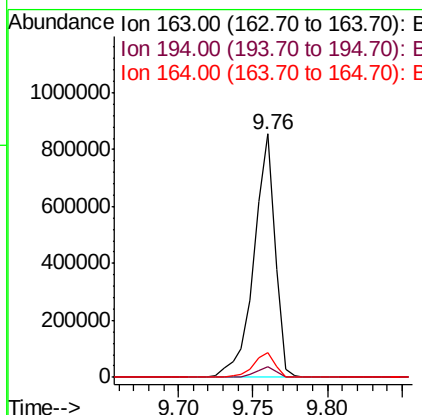
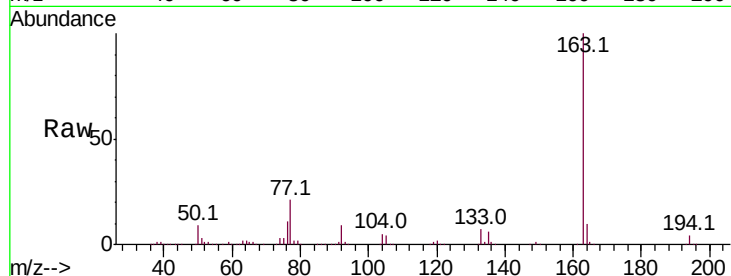
#49
Dimethylphthalate
Concen: 42.618 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.0	8.2	12.2	

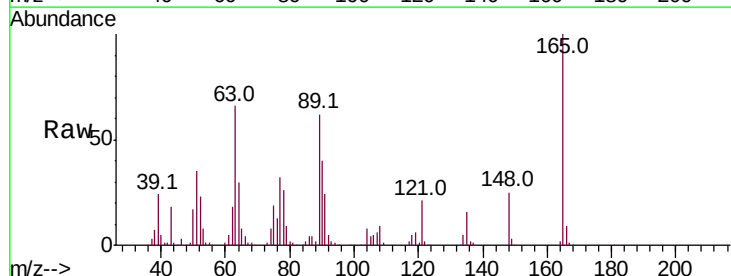
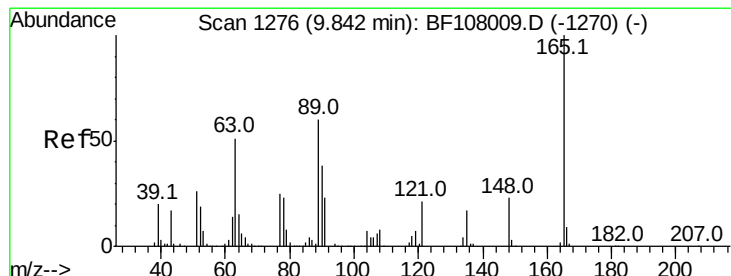
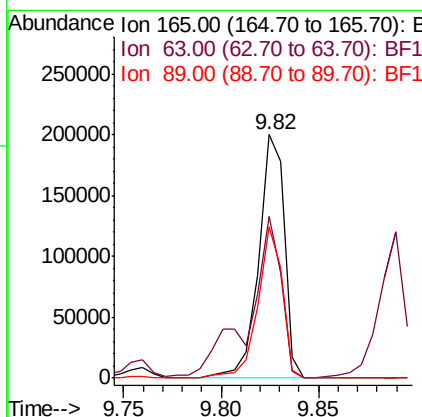
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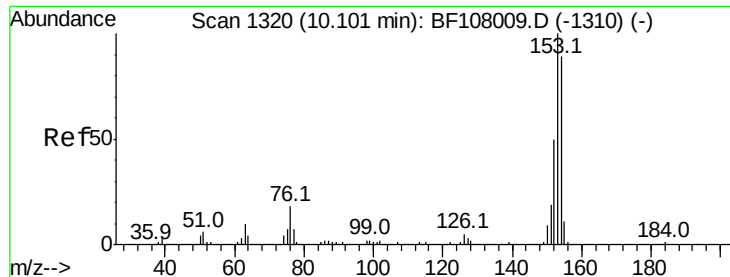
Sohil
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#50
2,6-Dinitrotoluene
Concen: 44.659 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.2	44.7	67.1	
89	62.1	44.0	66.0	





#51

Acenaphthene

Concen: 41.944 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

ClientSampled :

PB112282BS

Tot Ion:154 Resp: 662871

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

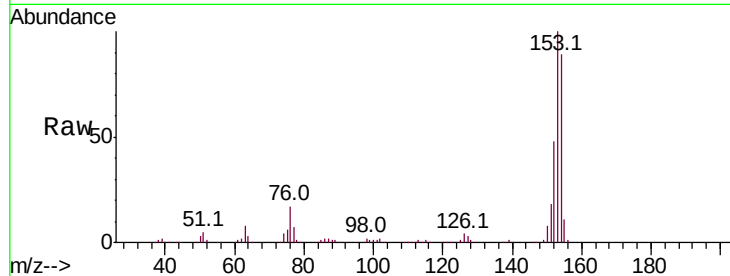
152 54.7 43.8 65.8

Manual Integrations

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Sohil

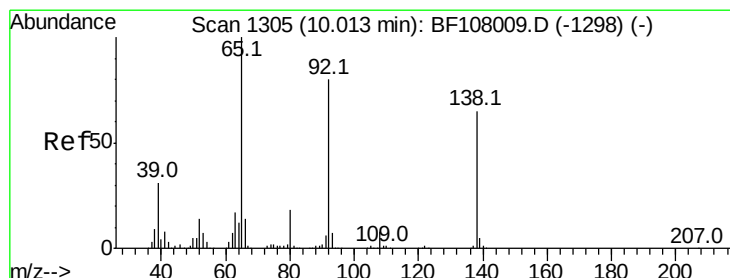
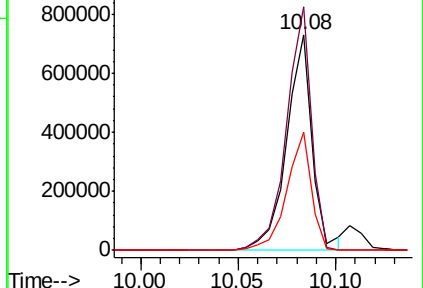
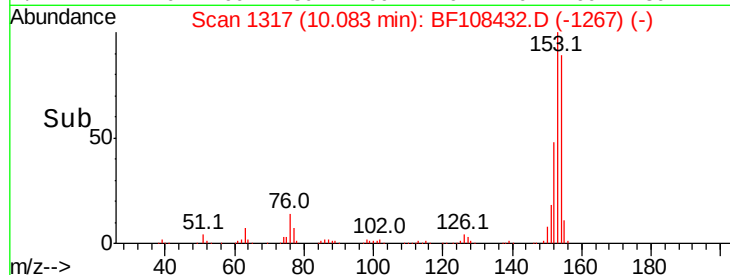
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.129 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

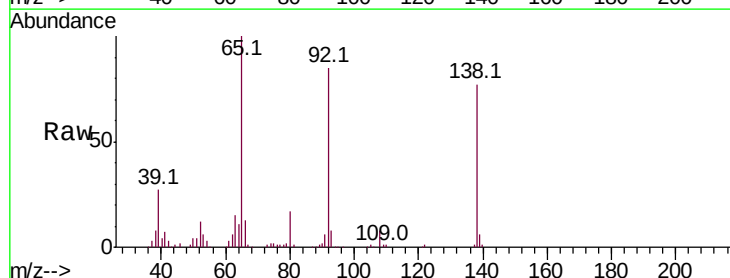
Tgt Ion:138 Resp: 125622

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

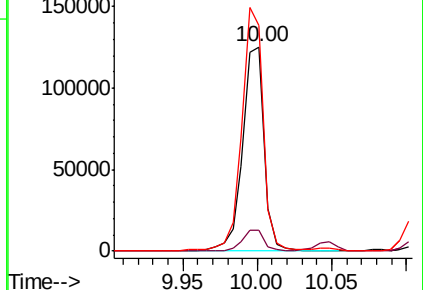
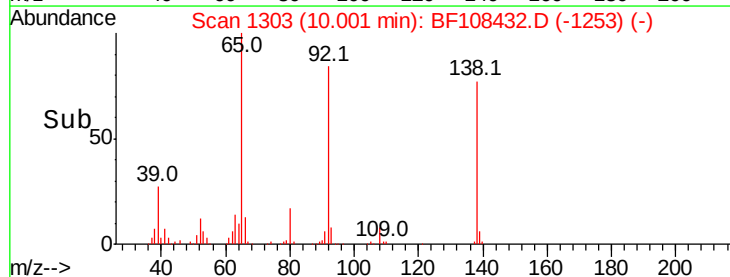
92 110.3 89.4 134.2

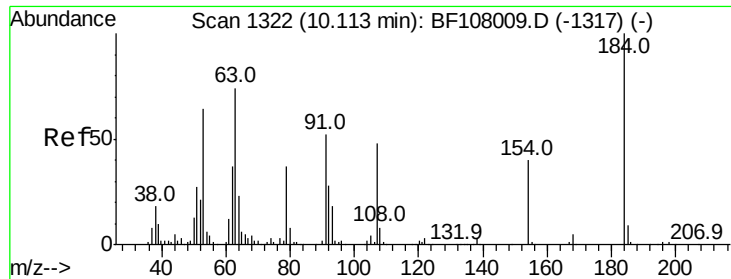


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





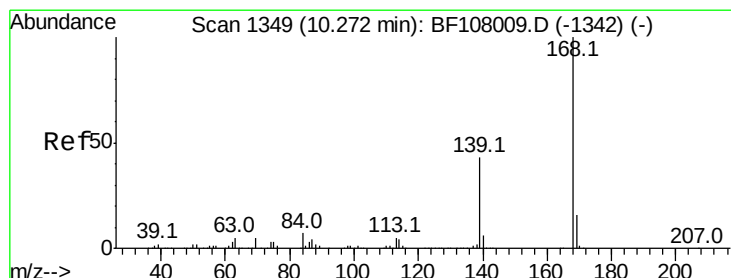
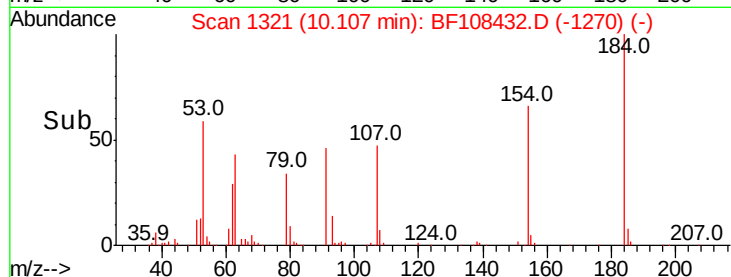
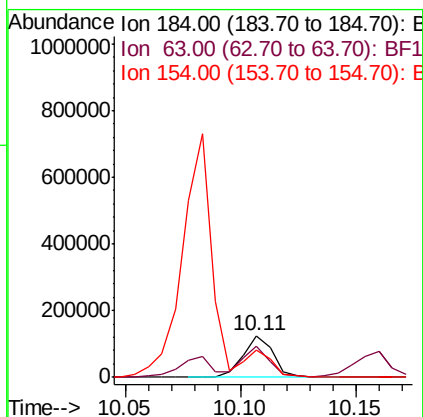
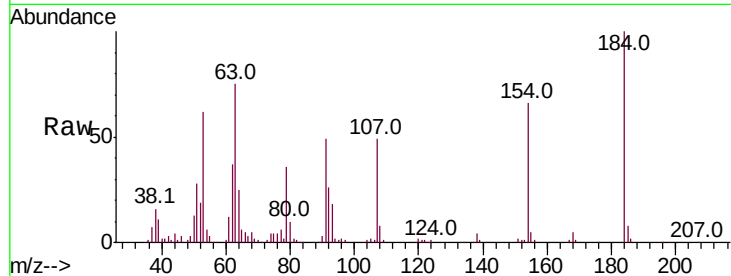
#53
 2,4-Dinitrophenol
 Concen: 76.534 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampled :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	75.0	54.2	81.2	
154	66.3	184.0	276.0	

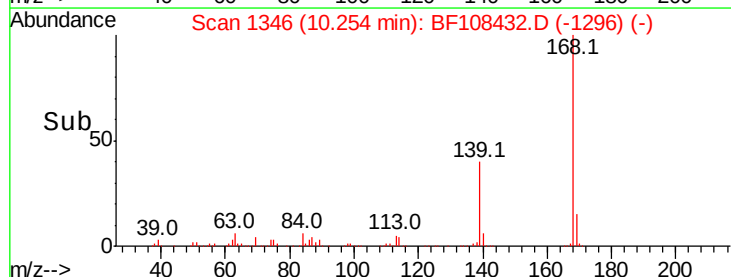
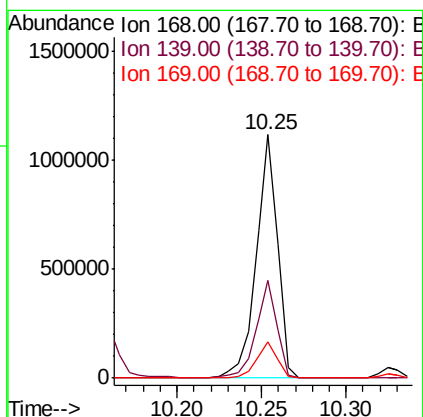
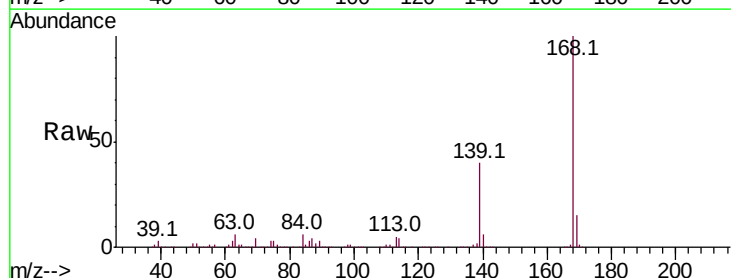
Manual Integrations
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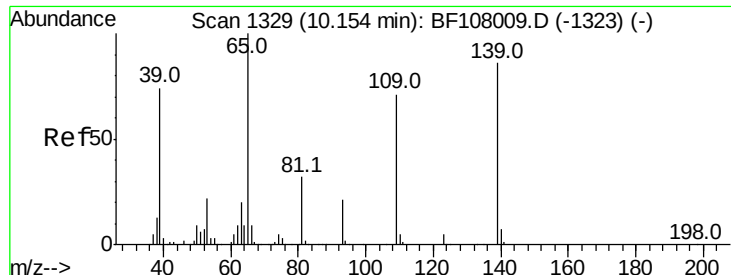
Sohil
 8/24/2018 12:14:09 PM



#54
 Dibenzofuran
 Concen: 42.842 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	30.1	45.1	
169	14.9	10.9	16.3	





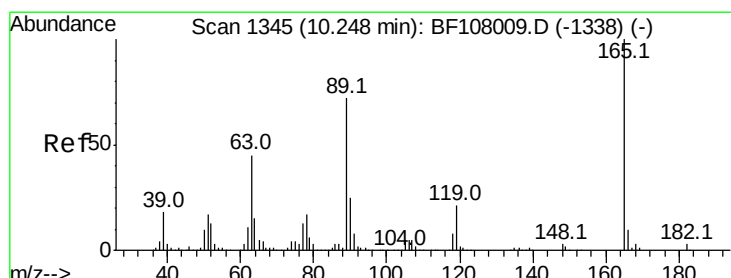
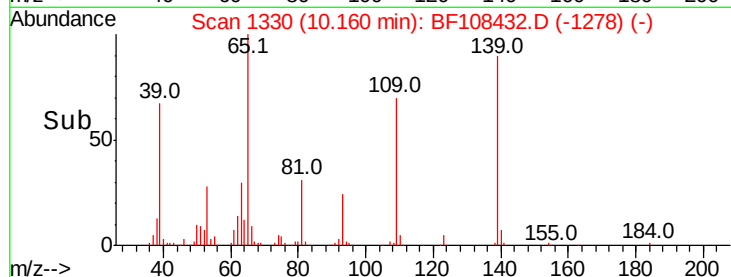
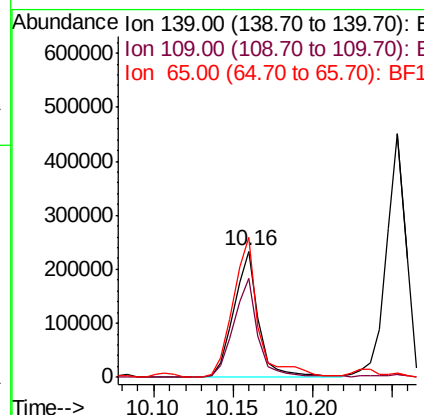
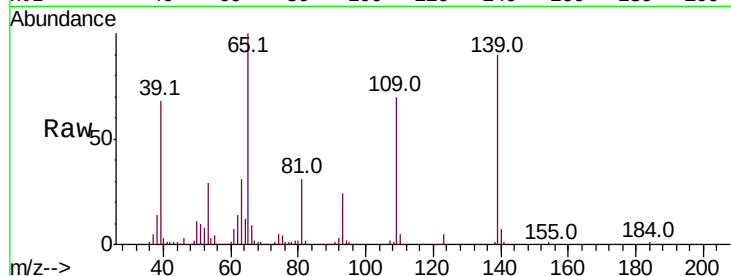
#55
4-Nitrophenol
Concen: 74.957 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.2	48.4	88.4	
65	111.2	72.6	112.6	

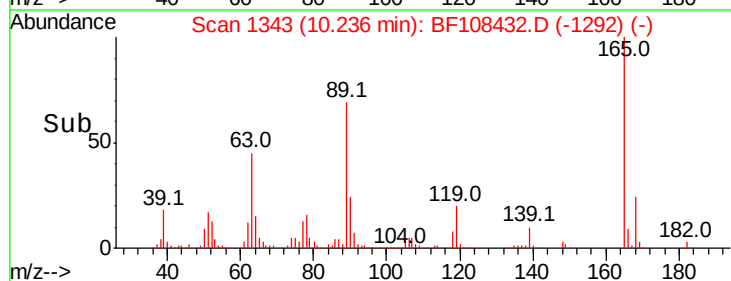
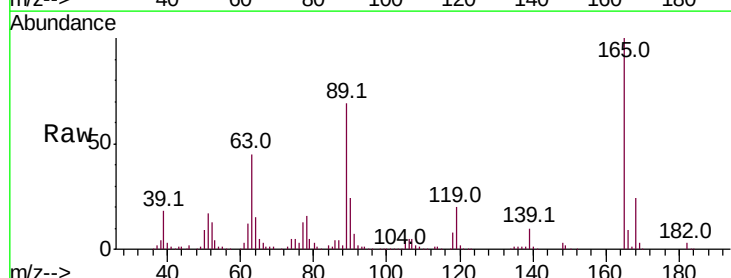
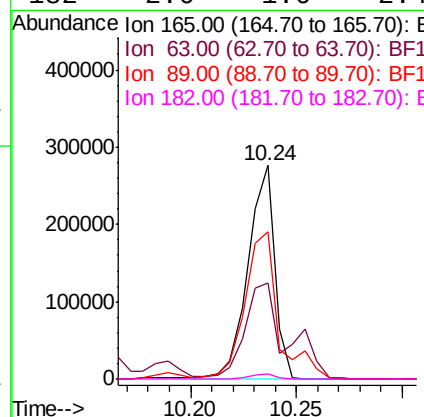
Manual Integrations
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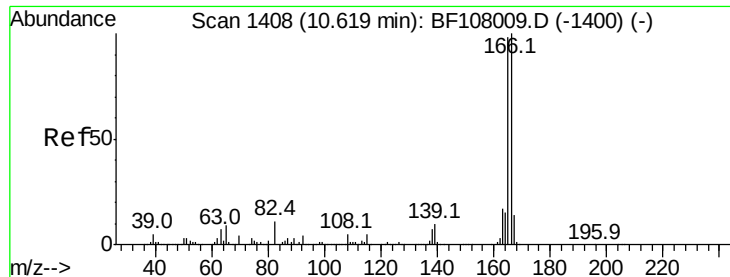
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.199 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.1	36.4	54.6	
89	69.2	57.8	86.6	
182	2.6	1.6	2.4	





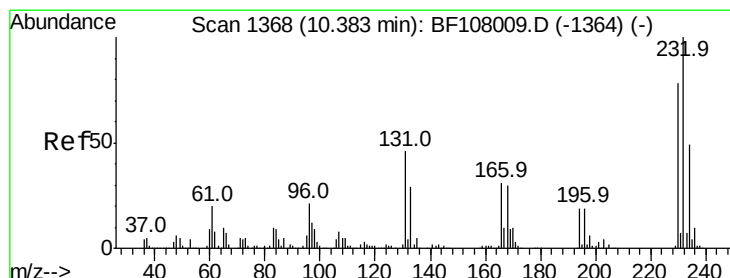
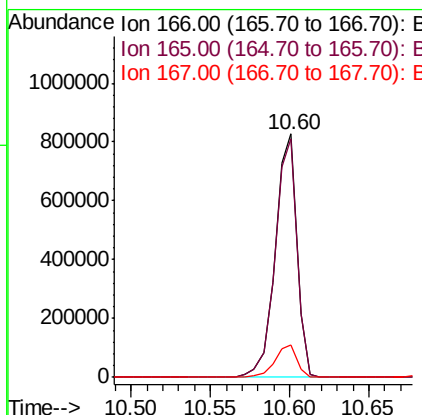
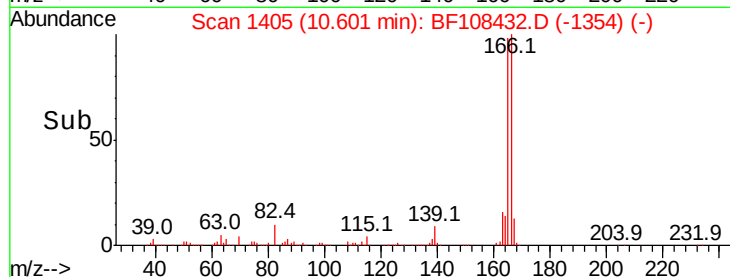
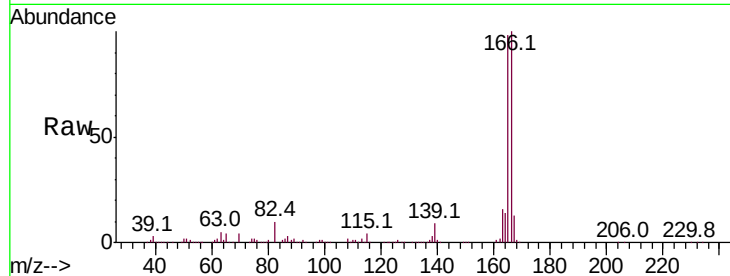
#57
 Fluorene
 Concen: 43.443 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampled :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	13.2	10.6	16.0

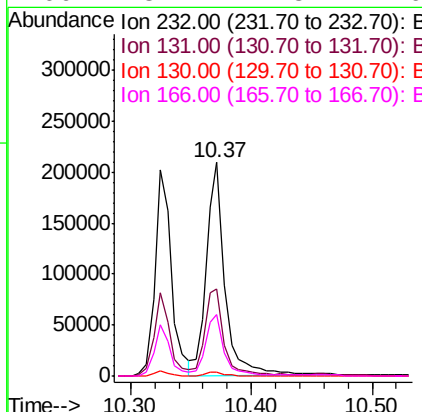
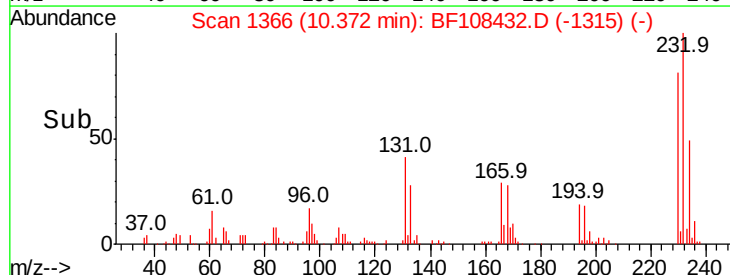
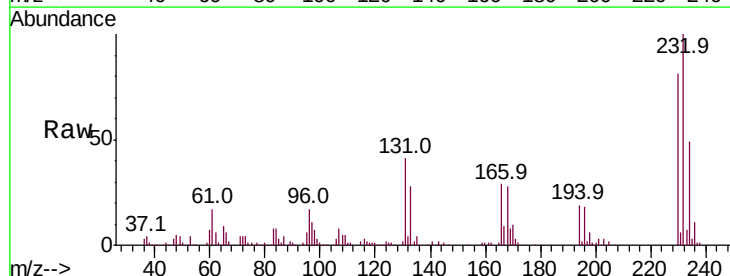
Manual Integrations
 APPROVED

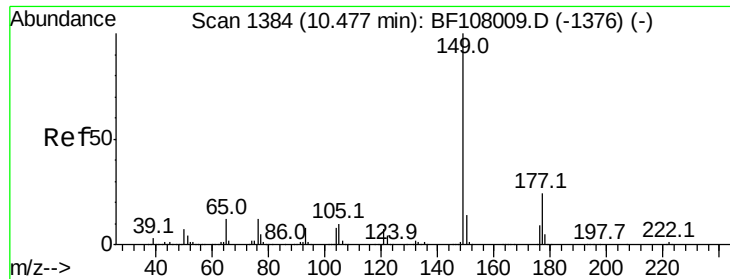
Sohil
 8/24/2018 12:14:09 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.127 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.9	43.8	65.8#
130	2.1	2.1	3.1
166	28.4	27.8	41.6





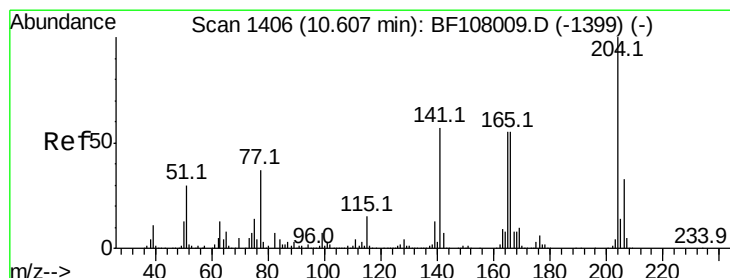
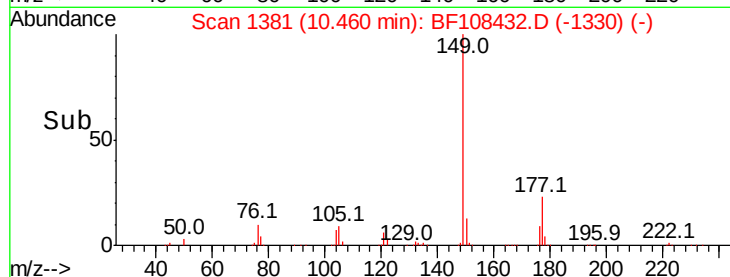
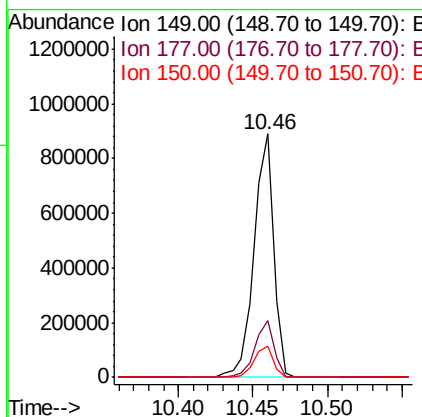
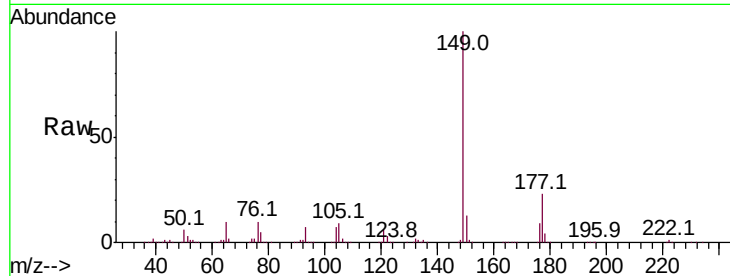
#59
 Diethylphthalate
 Concen: 42.574 ng
 RT: 10.46 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.1	24.1
150	12.6	10.1	15.1

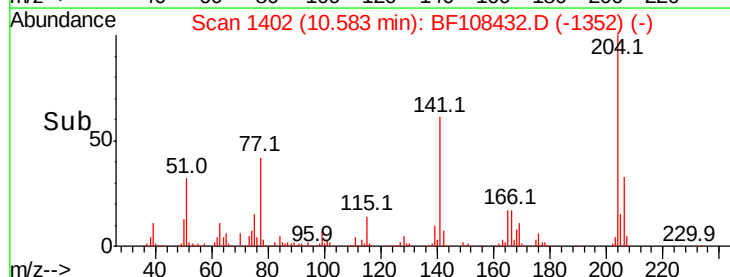
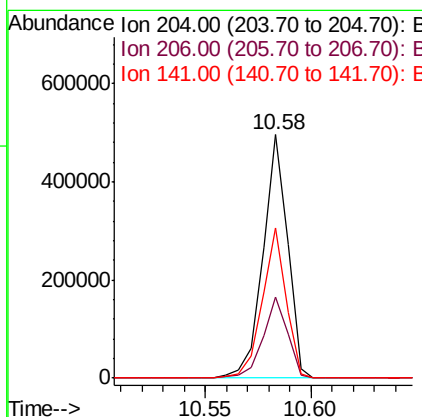
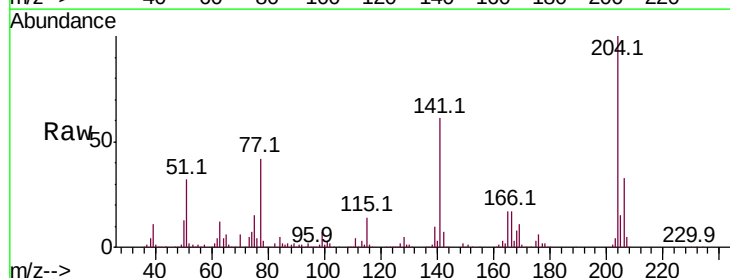
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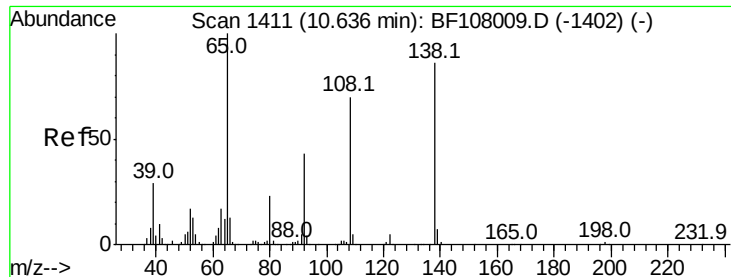
Sohil
 8/24/2018 12:14:09 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 42.597 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	61.5	54.6	81.8





#61

4-Nitroaniline

Concen: 42.667 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

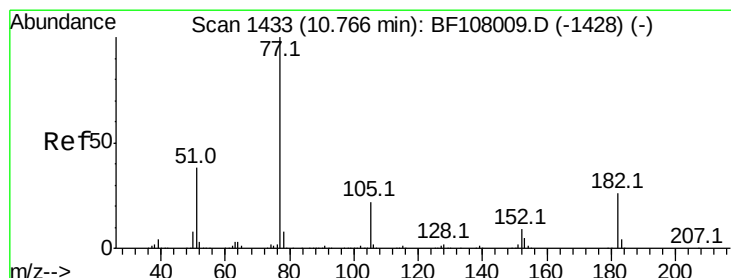
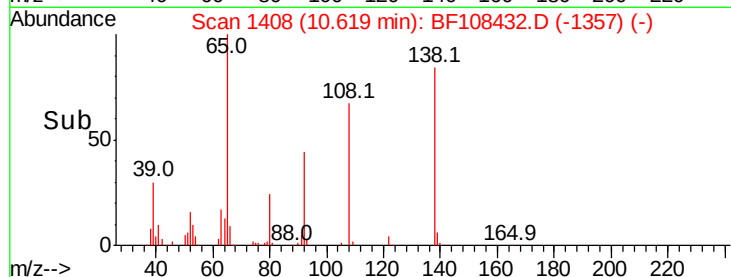
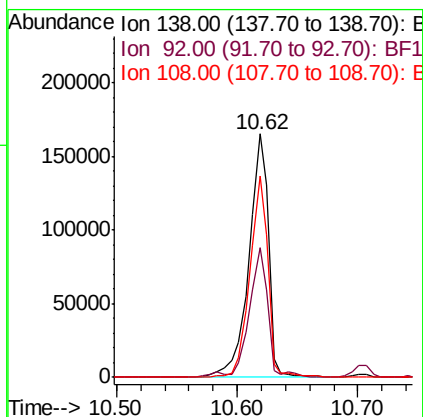
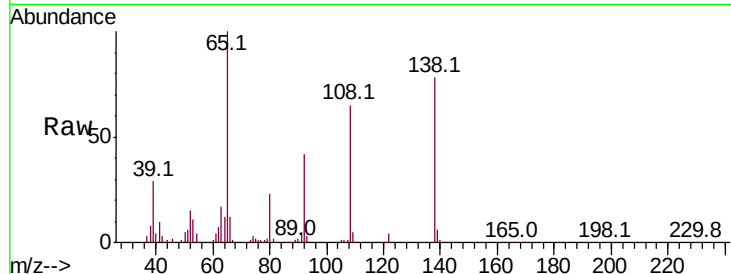
ClientSampleId :

PB112282BS

Tot Ion:	138	Resp:	188391
Ion Ratio	Lower	Upper	
138	100		
92	53.4	30.2	70.2
108	82.6	52.5	92.5

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#62

Azobenzene

Concen: 42.202 ng

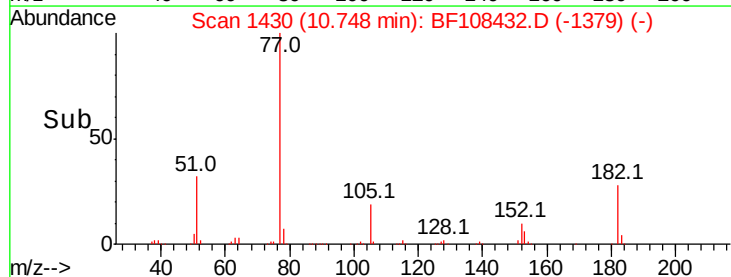
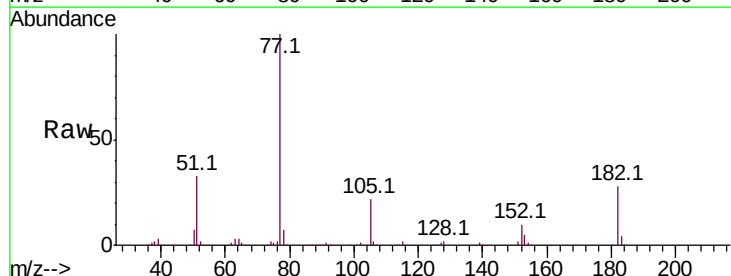
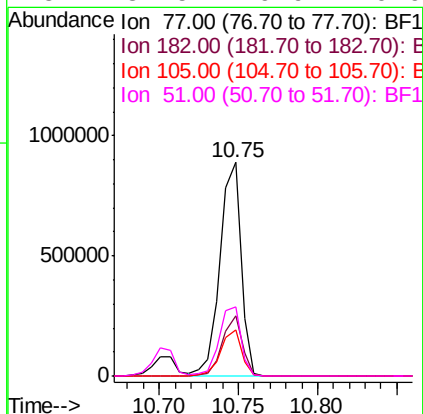
RT: 10.75 min Scan# 1430

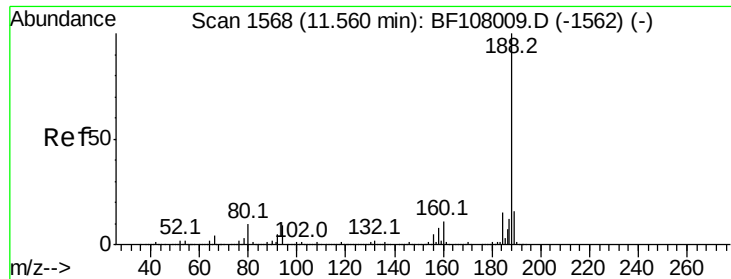
Delta R.T. -0.00 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Tgt Ion:	77	Resp:	823366
Ion Ratio	Lower	Upper	
77	100		
182	28.0	1.7	41.7
105	21.7	3.0	43.0
51	32.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

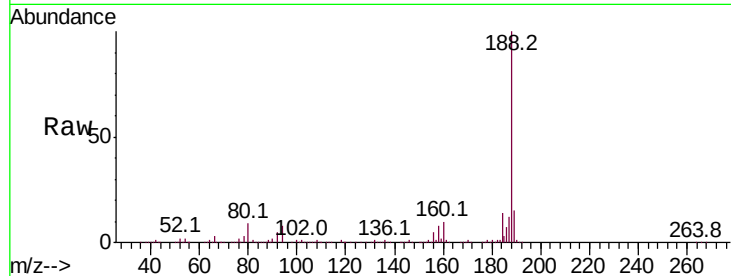
ClientSampleId :

PB112282BS

Tot Ion:188	Resp:	557943
Ion Ratio	Lower	Upper
188 100		
94 8.4	8.5	12.7#
80 9.4	9.2	13.8

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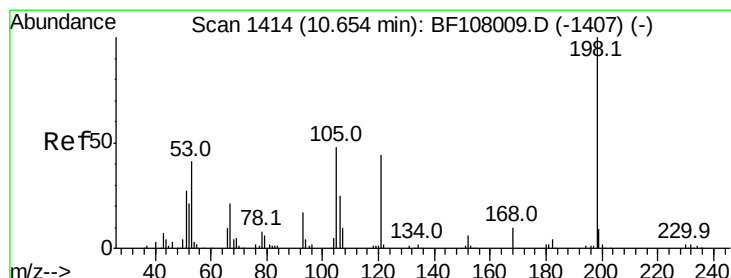
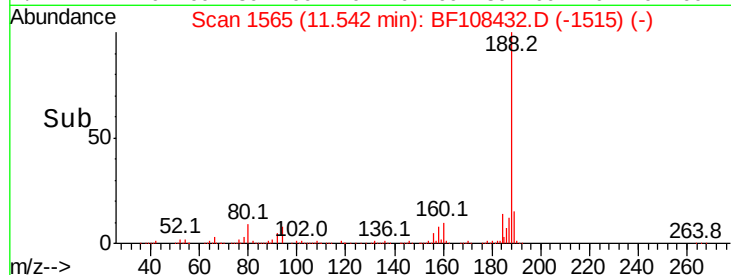
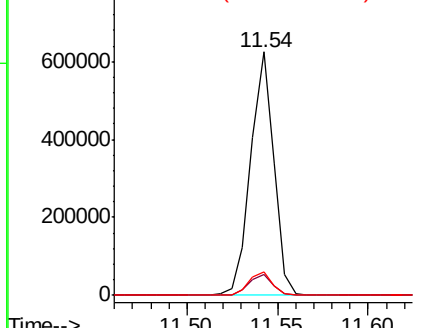
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 41.958 ng

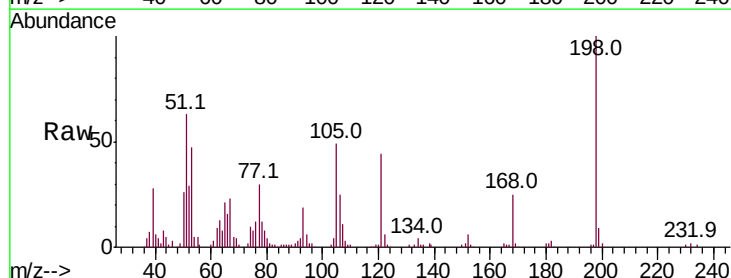
RT: 10.64 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

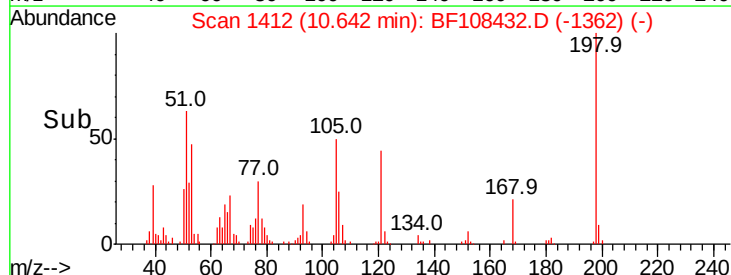
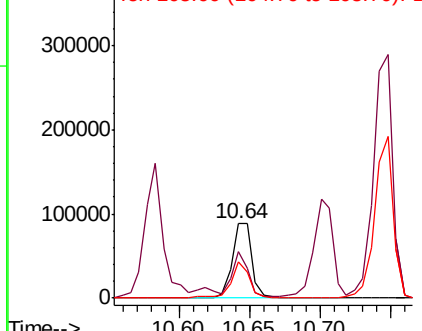
Tgt Ion:198	Resp:	86300
Ion Ratio	Lower	Upper
198 100		
51 62.8	37.7	77.7
105 49.4	36.3	76.3

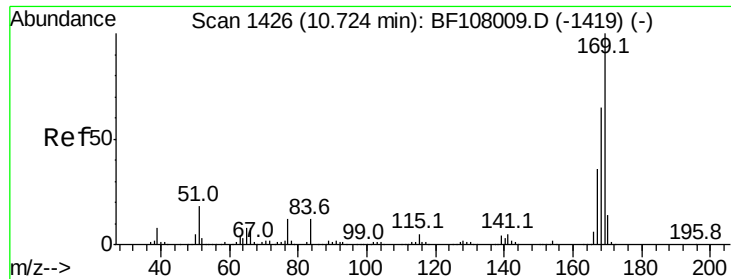


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





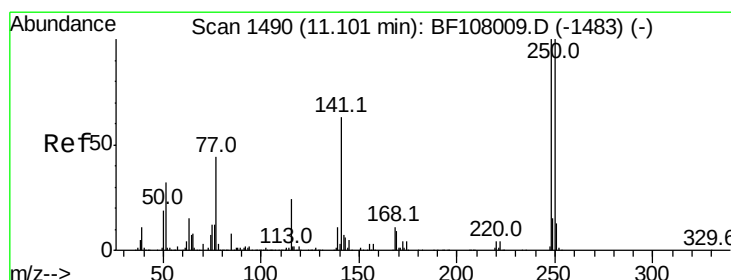
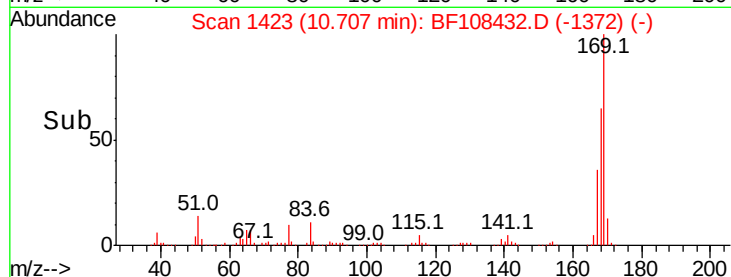
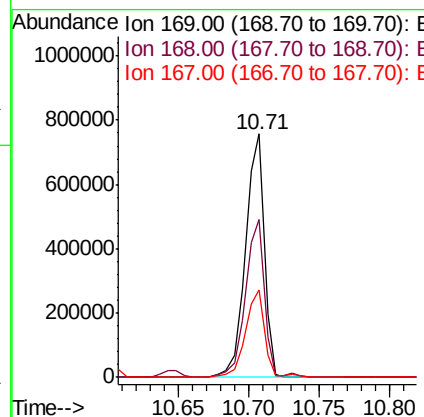
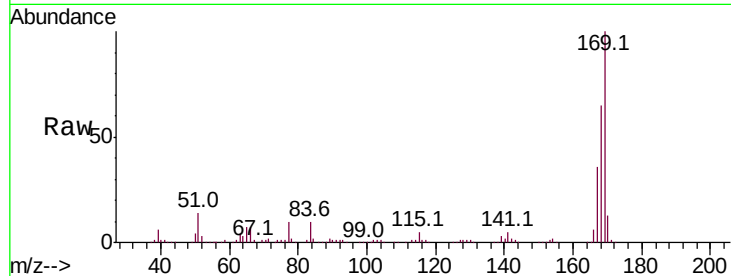
#65
 n-Nitrosodiphenylamine
 Concen: 42.482 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.9	54.4	81.6	
167	36.1	29.8	44.6	

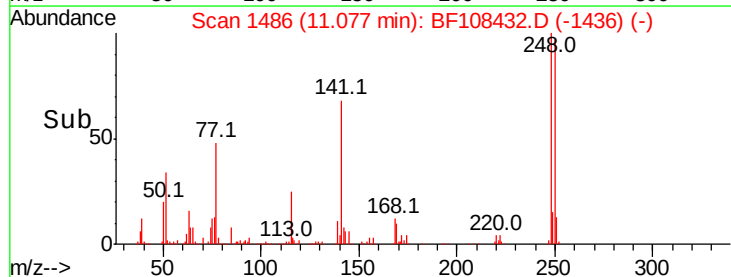
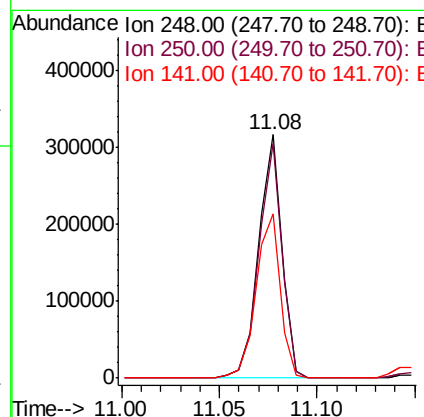
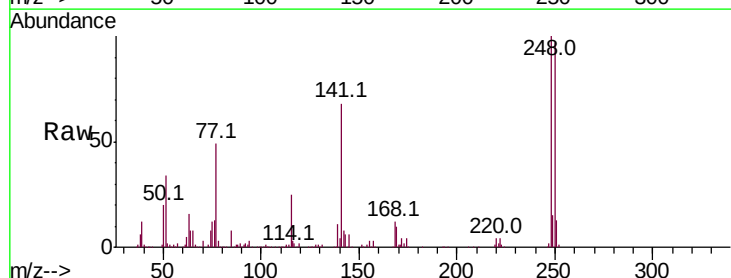
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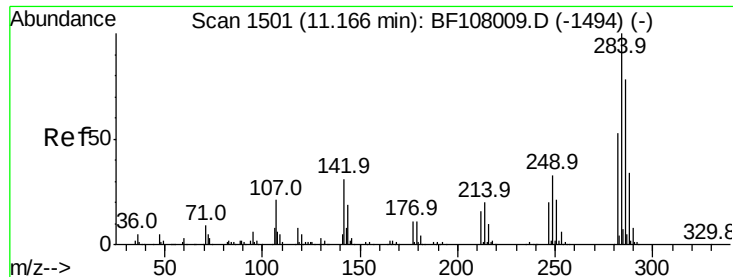
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#66
 4-Bromophenyl-phenylether
 Concen: 43.244 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6	76.9	115.3	
141	67.7	74.4	111.6	





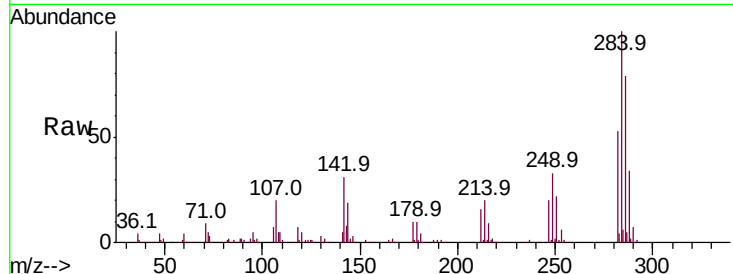
#67
Hexachlorobenzene
Concen: 42.730 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

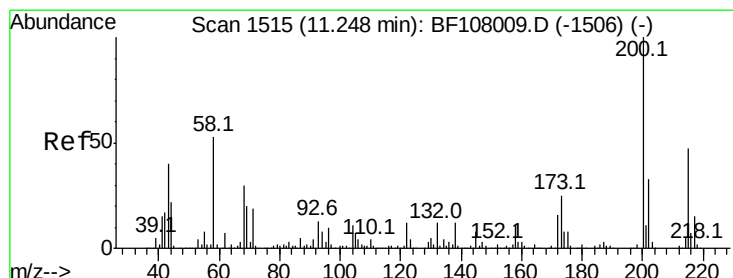
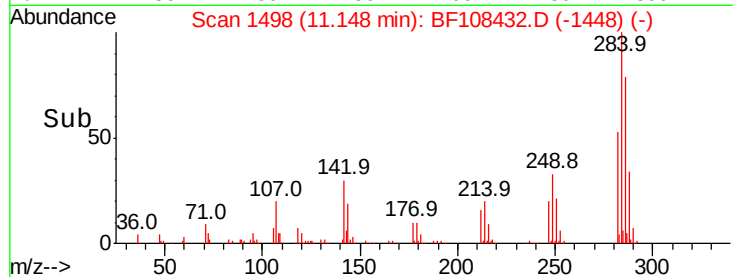
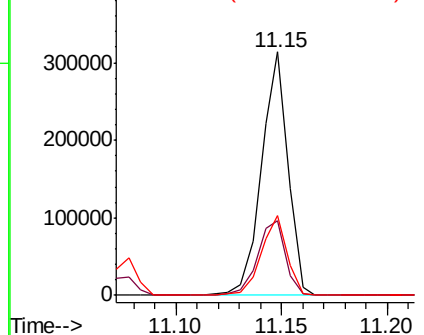
Tot Ion	Ratio	Resp	Lower	Upper
284	100	272601		
142	30.6	34.6	52.0	#
249	32.8	24.8	37.2	

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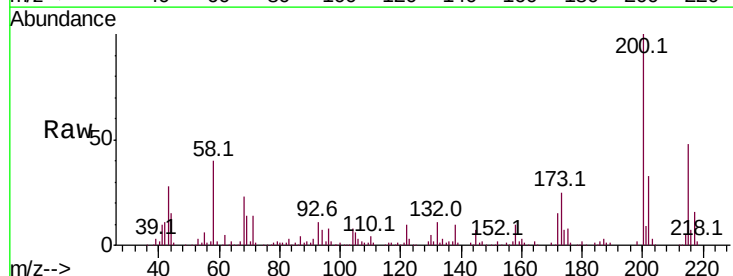


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

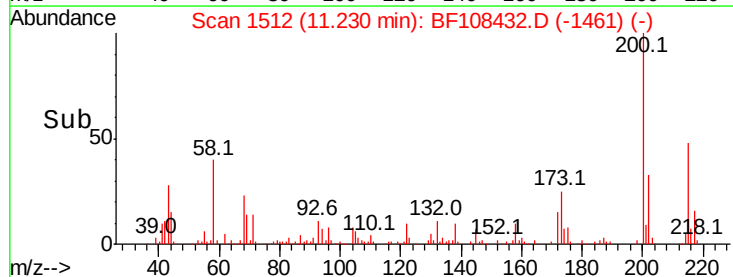
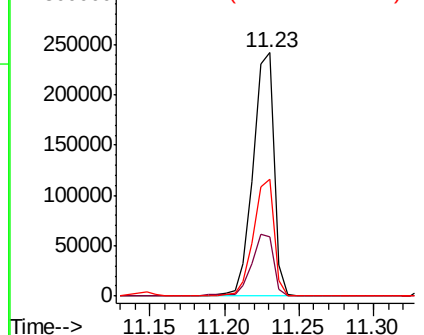


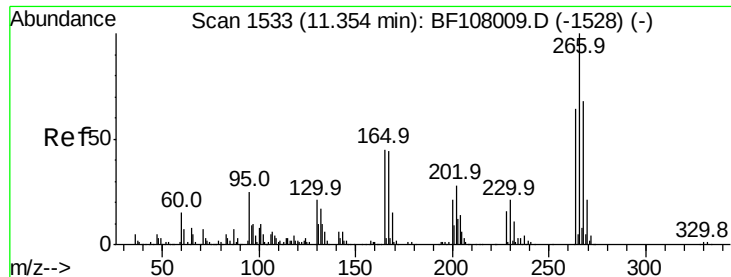
#68
Atrazine
Concen: 42.330 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	234089		
173	24.5	8.6	48.6	
215	47.8	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





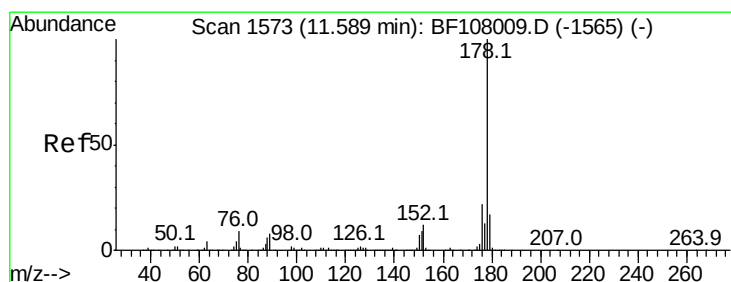
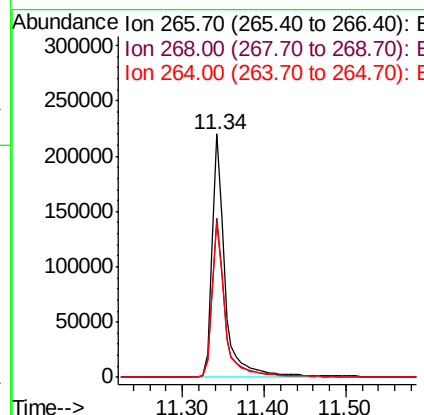
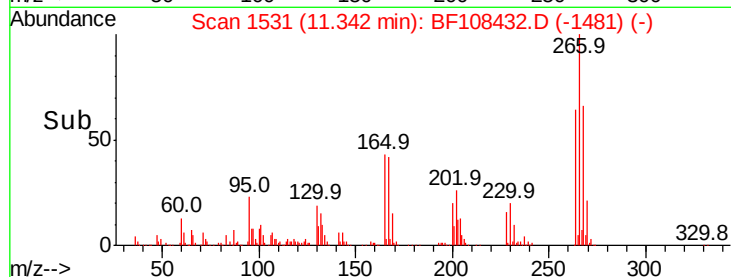
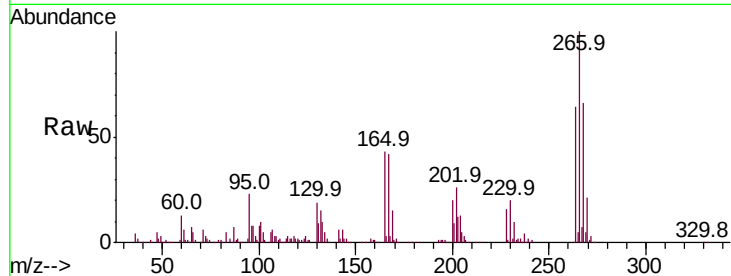
#69
 Pentachlorophenol
 Concen: 79.319 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	242204		
268	65.6	51.1	76.7	
264	63.9	49.5	74.3	

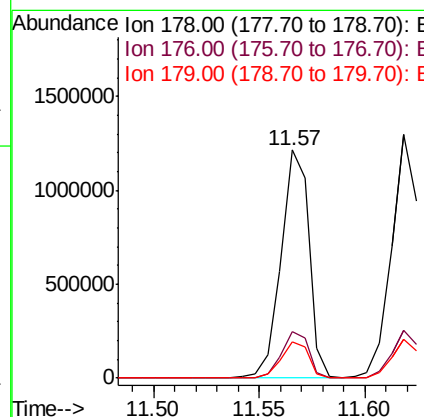
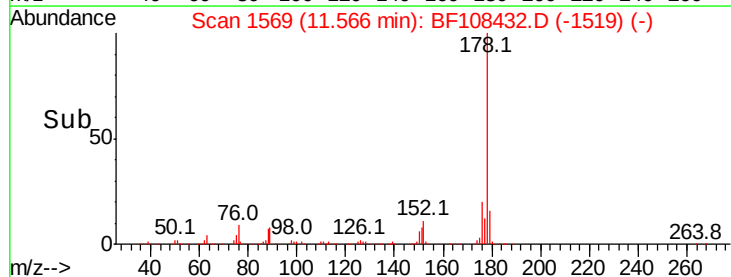
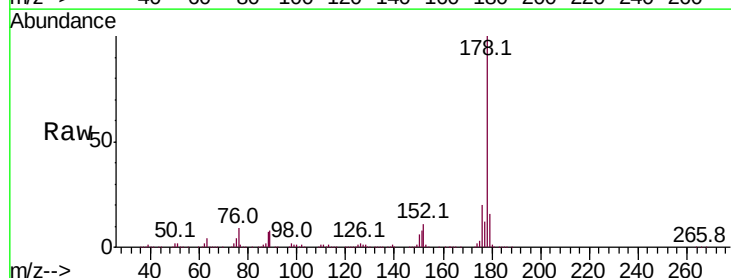
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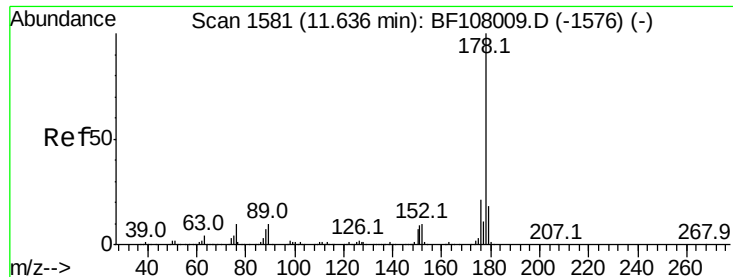
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#70
 Phenanthrene
 Concen: 42.589 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1120780		
176	20.2	15.8	23.8	
179	16.1	13.0	19.6	





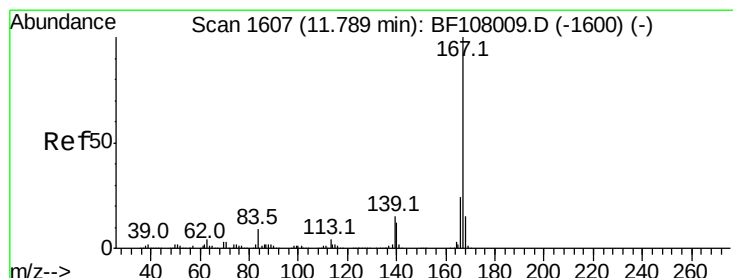
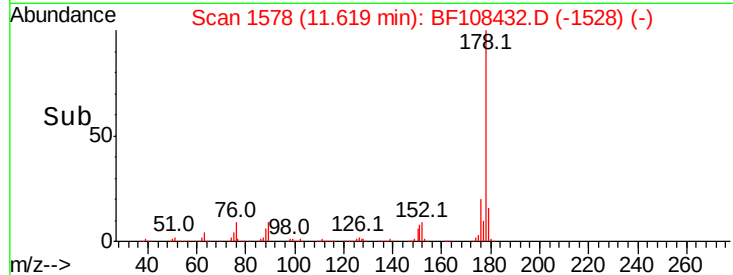
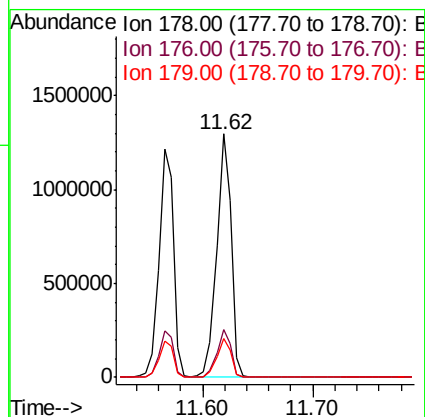
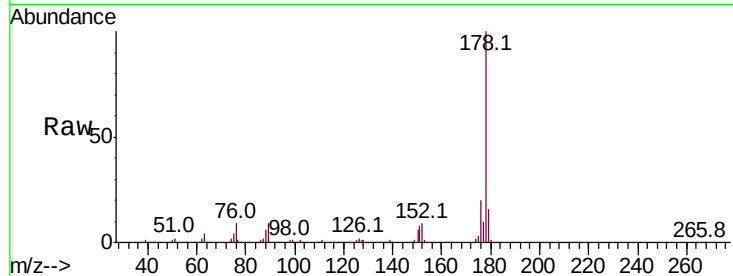
#71
 Anthracene
 Concen: 43.060 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.1	12.6	19.0

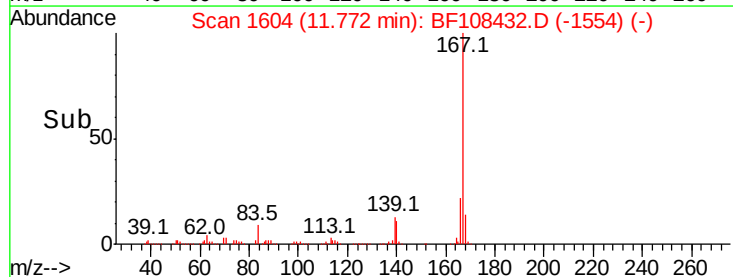
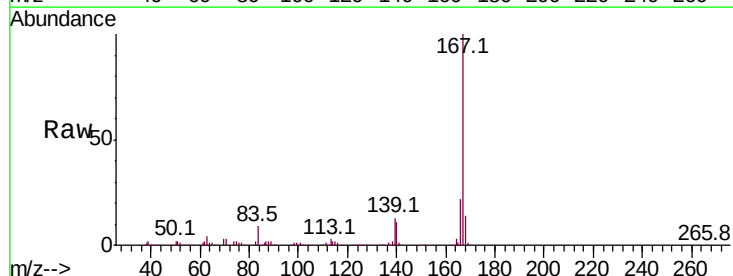
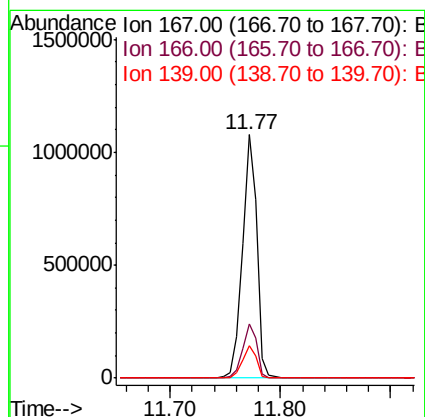
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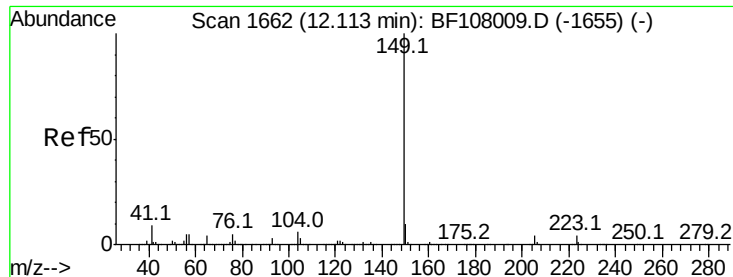
Sohil
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#72
 Carbazole
 Concen: 41.425 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.3	10.9	16.3





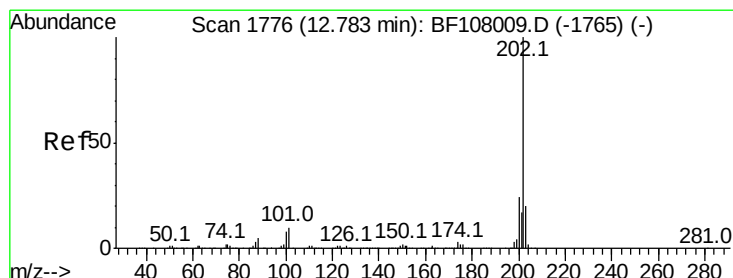
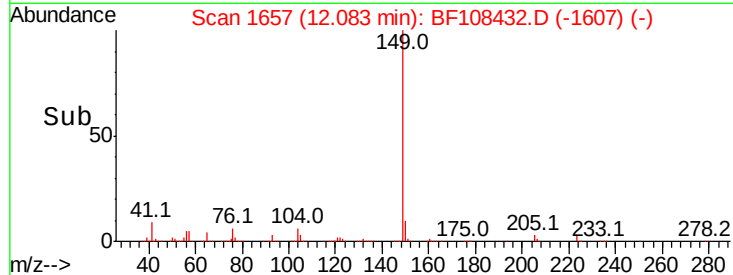
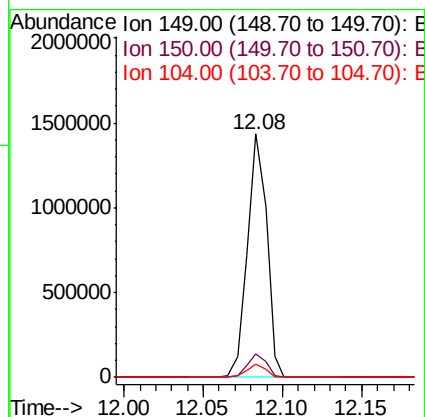
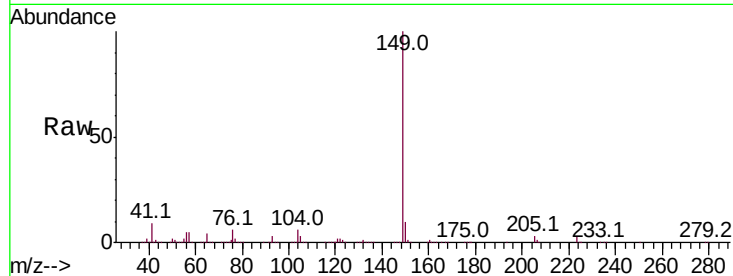
#73
Di-n-butylphthalate
Concen: 44.749 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion:	149	Resp:	1214650
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.6	3.8	5.8

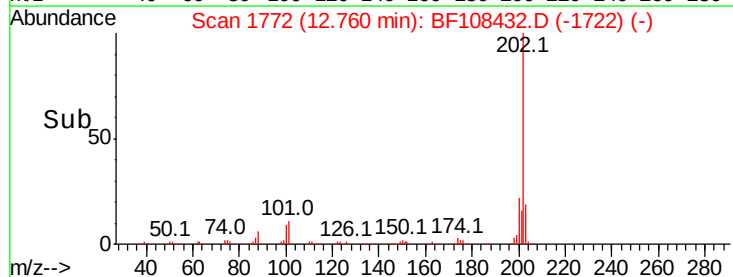
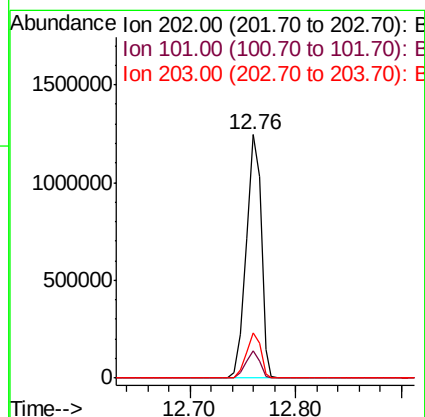
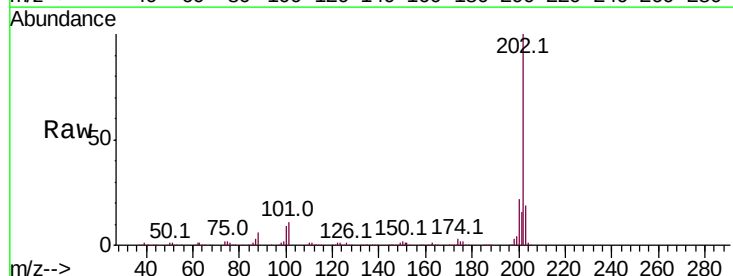
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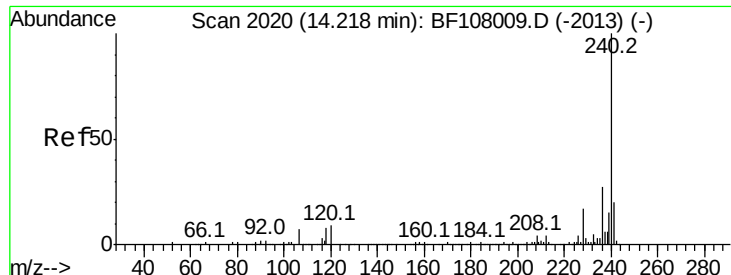
Sohil
8/24/2018 12:14:09 PM



#74
Fluoranthene
Concen: 41.873 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion:	202	Resp:	1202627
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

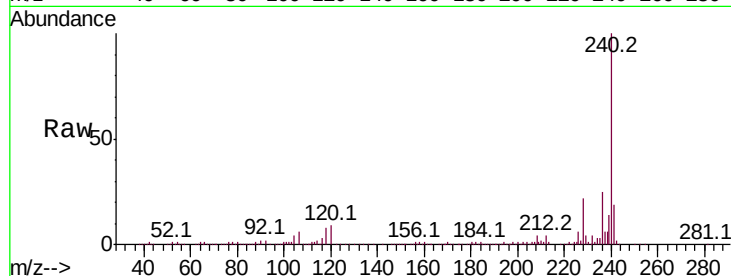
ClientSampleId :

PB112282BS

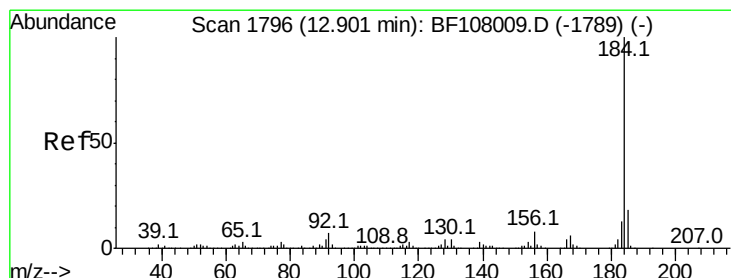
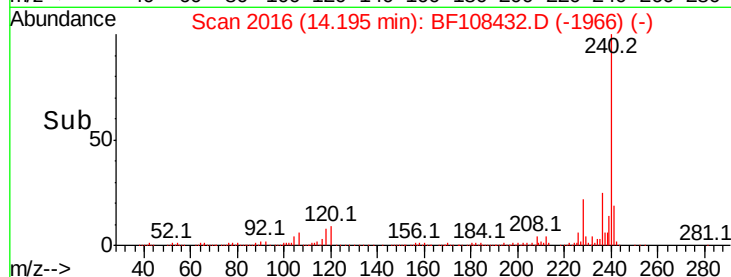
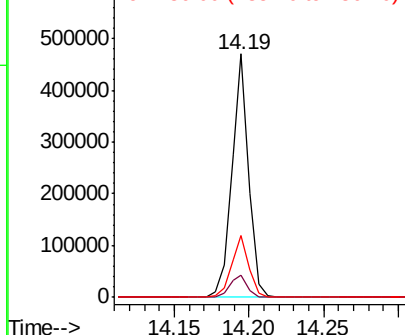
Tot Ion:	240	Resp:	371008
Ion Ratio	Lower	Upper	
240	100		
120	8.9	9.5	14.3#
236	25.2	20.7	31.1

Manual Integrations
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8/24/2018 12:14:09 PM



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



#76

Benzidine

Concen: 38.055 ng

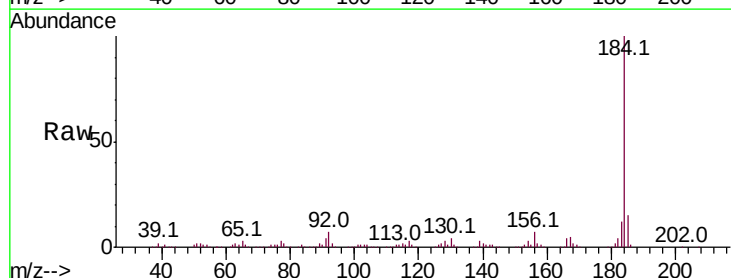
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

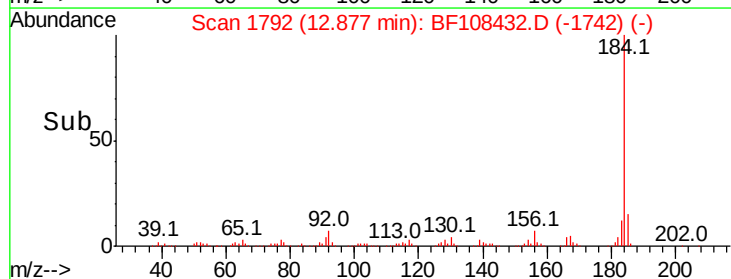
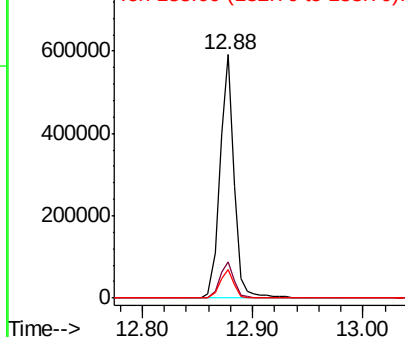
Lab File: BF108432.D

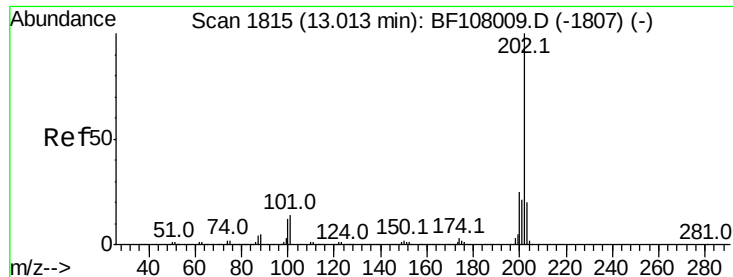
Acq: 23 Aug 2018 20:32

Tgt Ion:	184	Resp:	527509
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	11.8	9.3	13.9



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





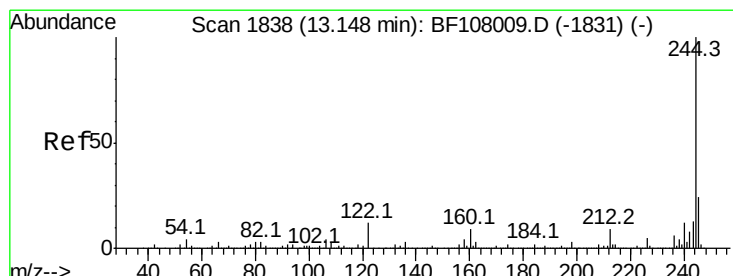
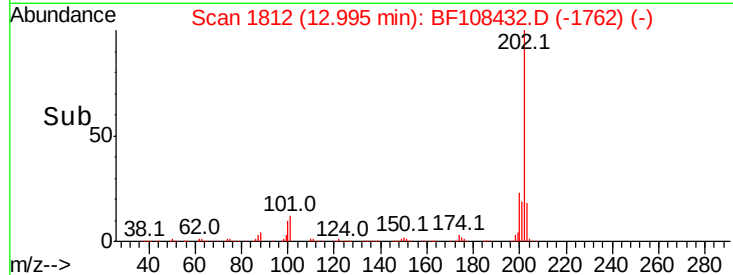
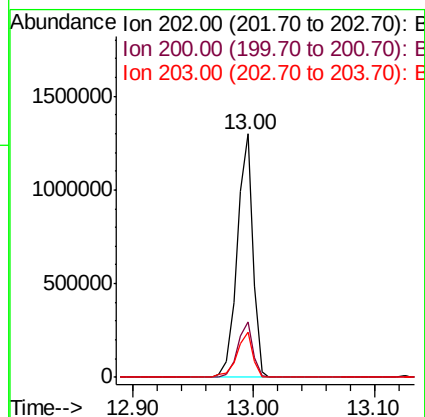
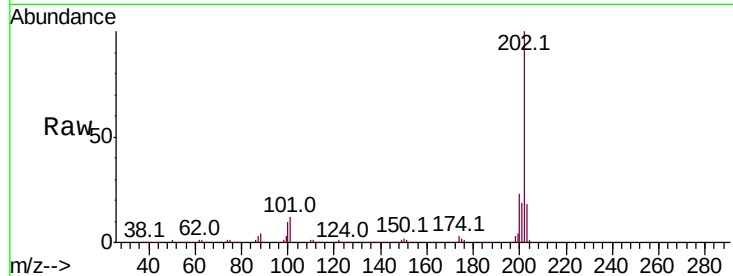
#77
Pvrene
Concen: 49.962 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.4	14.3	21.5

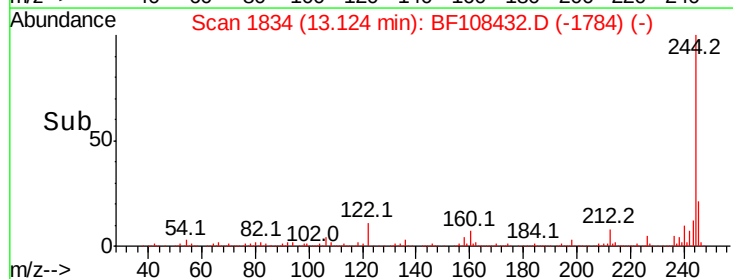
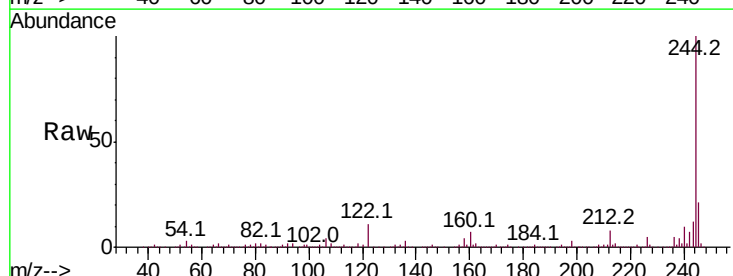
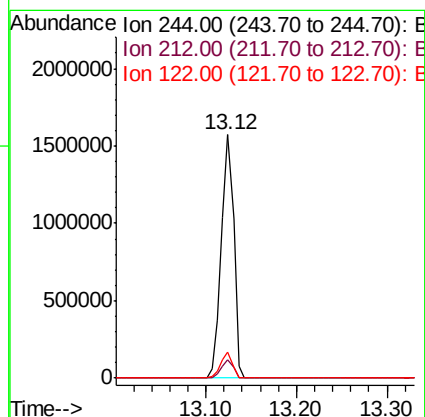
Manual Integrations
APPROVED

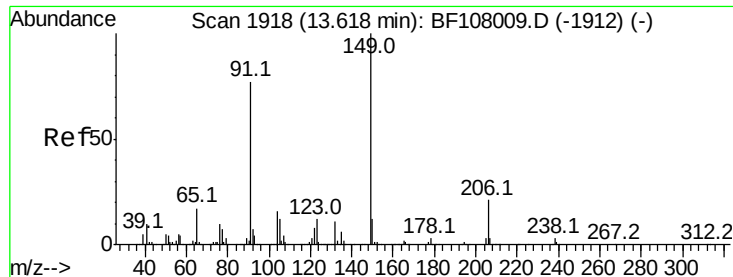
Sohil
8/24/2018 12:14:09 PM



#78
Terphenyl-d14
Concen: 100.846 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.8	11.0	16.4





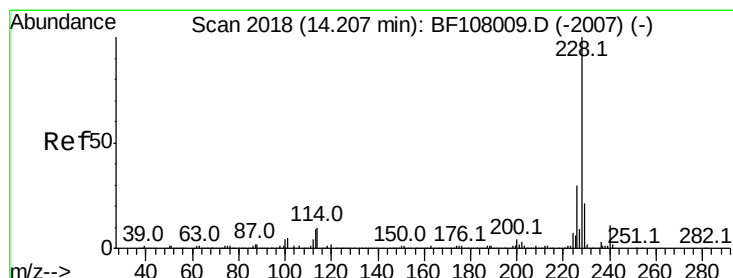
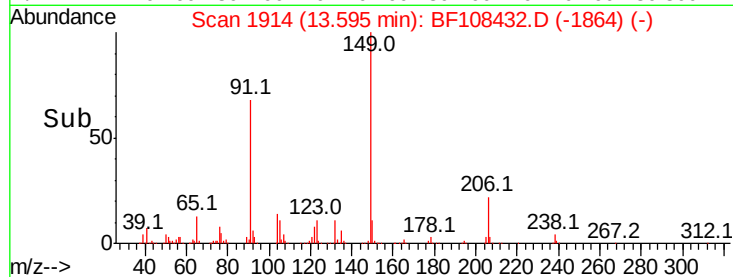
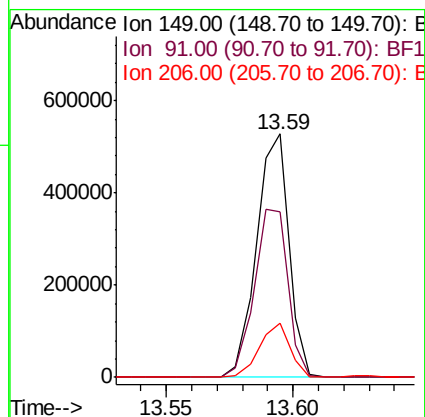
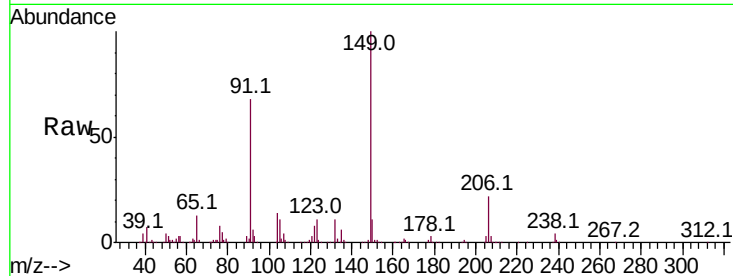
#79
Butylbenzylphthalate
Concen: 50.570 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	471664		
91	67.9	56.8	85.2	
206	22.1	14.1	21.1	

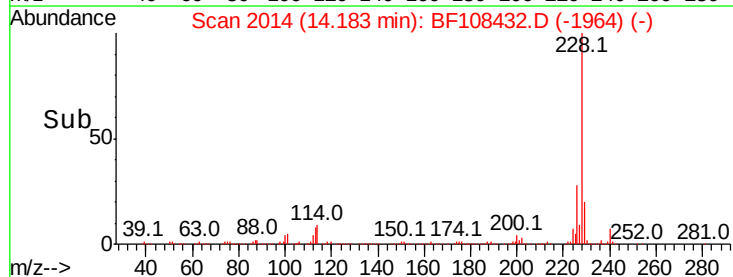
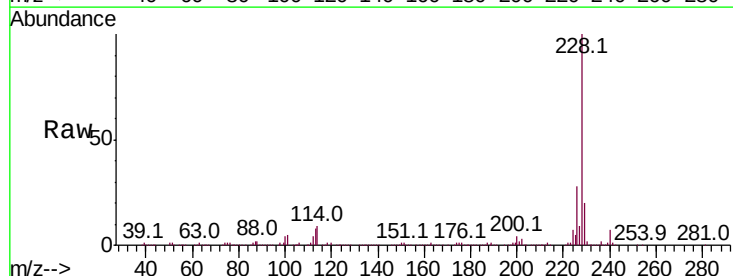
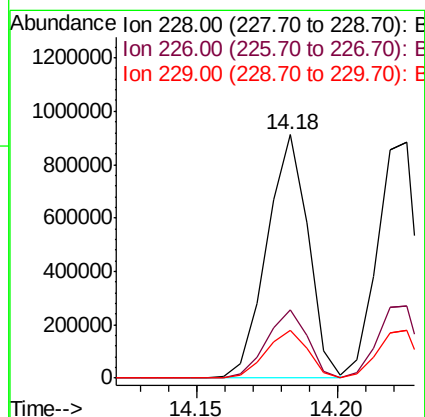
Manual Integrations
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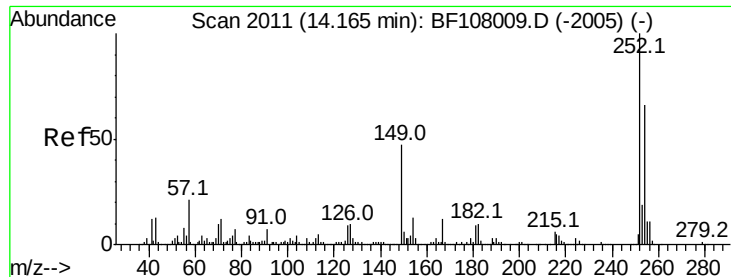
Sohil
8/24/2018 12:14:09 PM



#80
Benzo(a)anthracene
Concen: 43.350 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	923018		
226	28.1	22.6	33.8	
229	19.8	15.8	23.6	





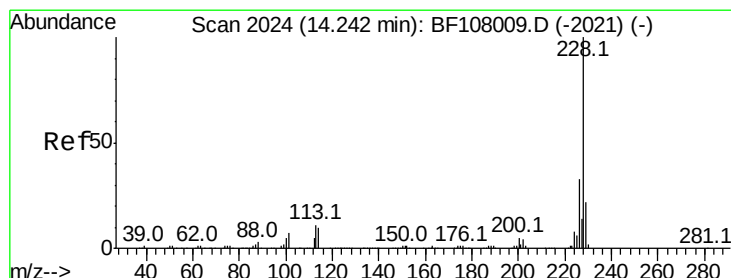
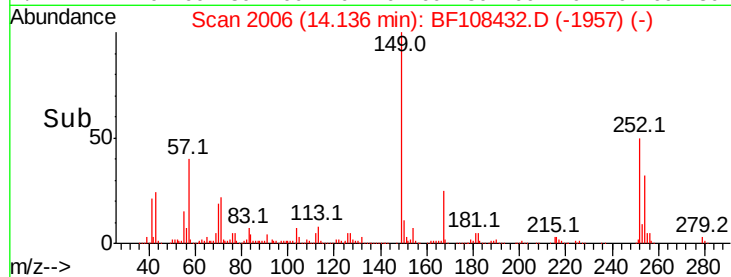
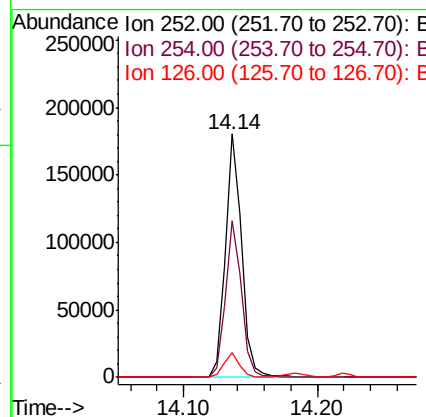
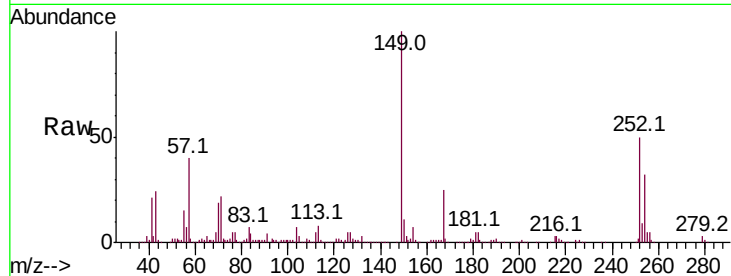
#81
 3,3'-Dichlorobenzidine
 Concen: 20.419 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleID :
 PB112282BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.0	11.3	16.9

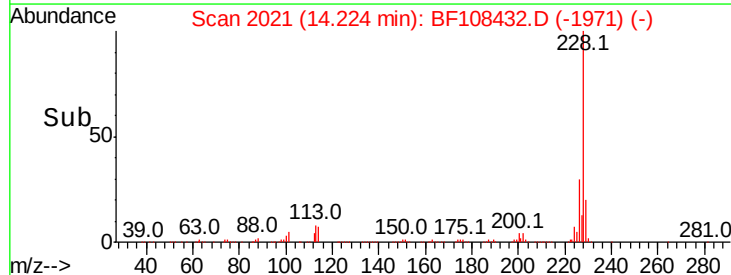
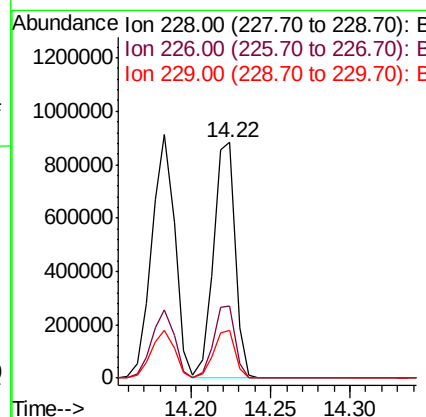
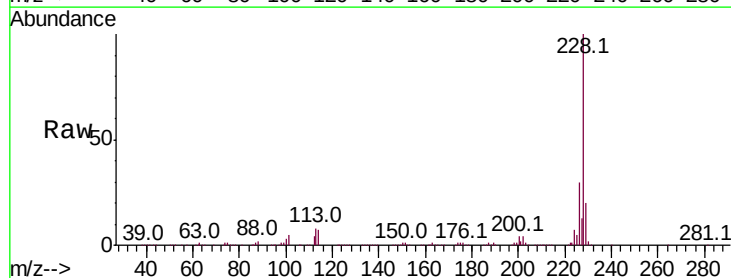
Manual Integrations
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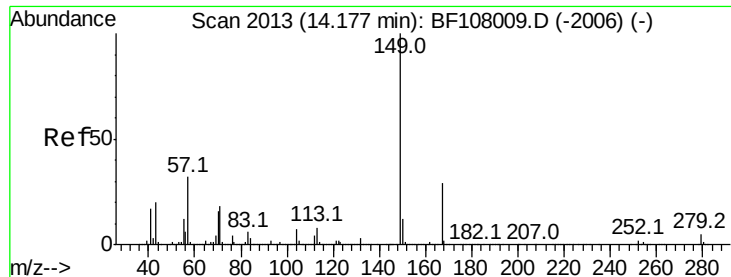
Sohil
 8/24/2018 12:14:09 PM



#82
 Chrysene
 Concen: 43.314 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.0	16.2	24.4





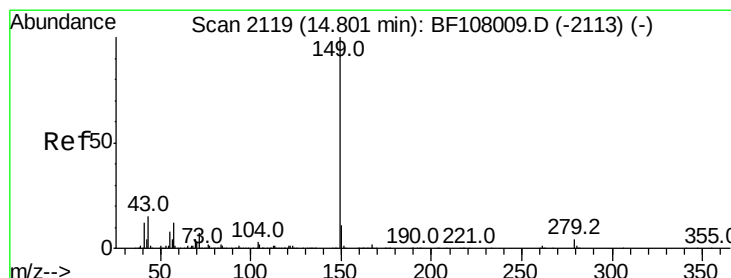
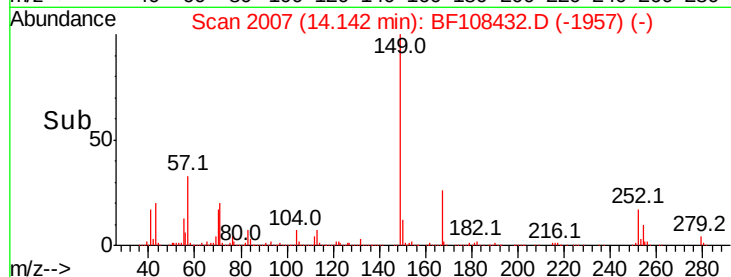
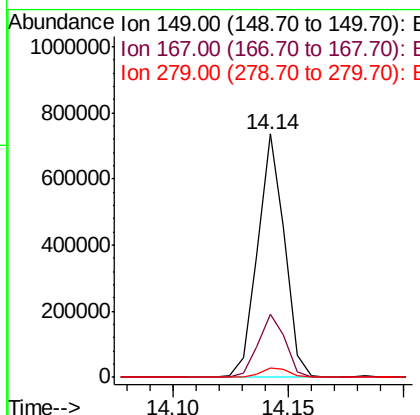
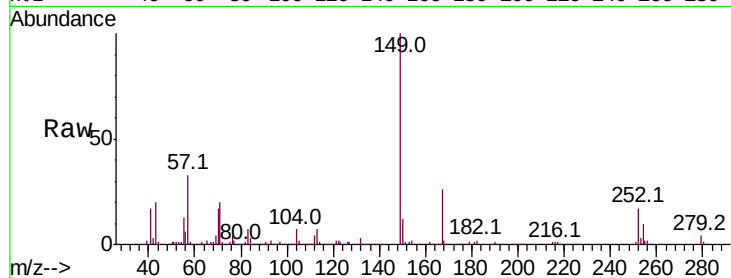
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.321 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	597691		
167	26.1	21.3	31.9	
279	3.6	3.0	4.4	

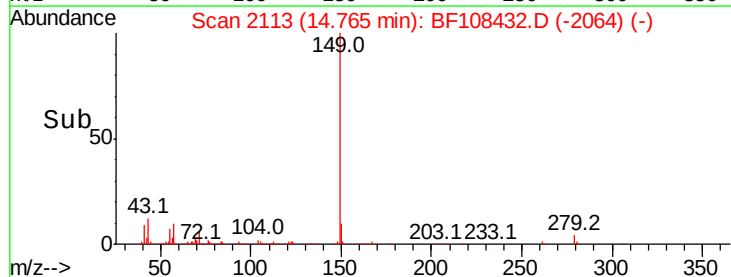
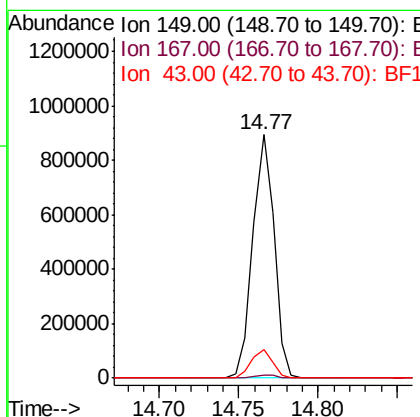
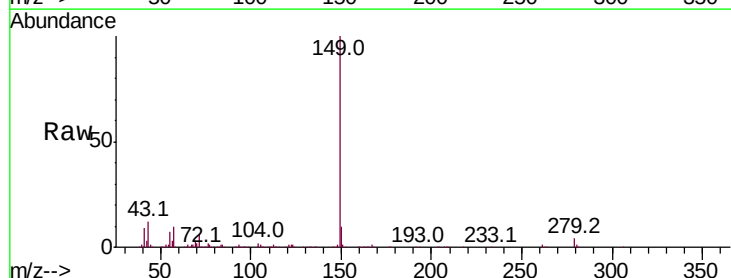
Manual Integrations
 APPROVED

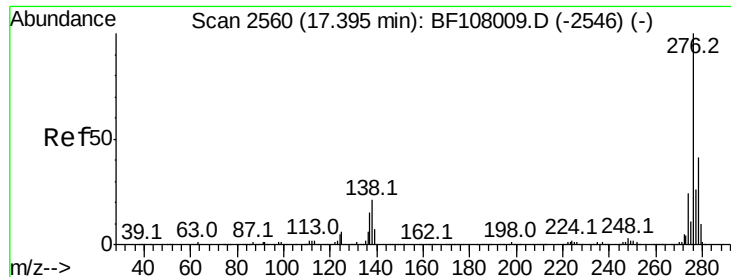
Sohil
 8/24/2018 12:14:09 PM



#84
 Di-n-octyl phthalate
 Concen: 43.666 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108432.D
 Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	841124		
167	1.5	1.2	1.8	
43	11.8	8.4	12.6	





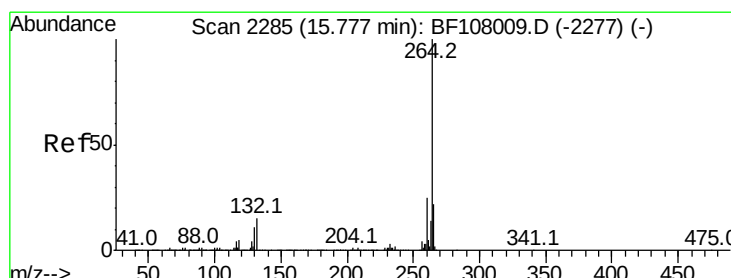
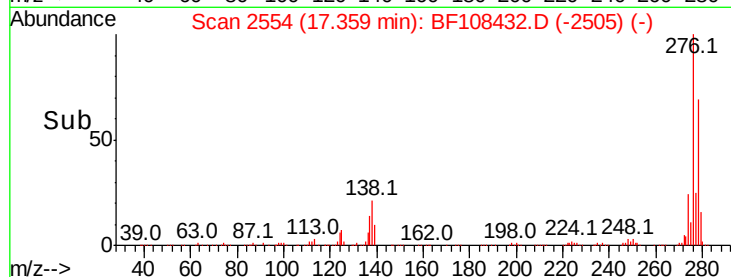
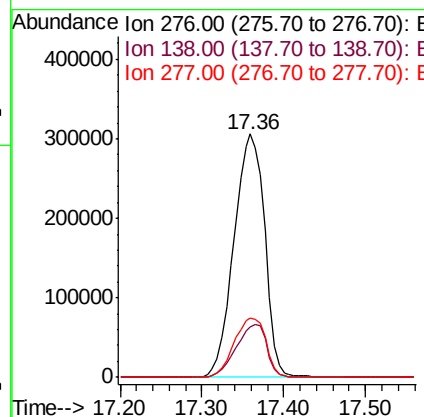
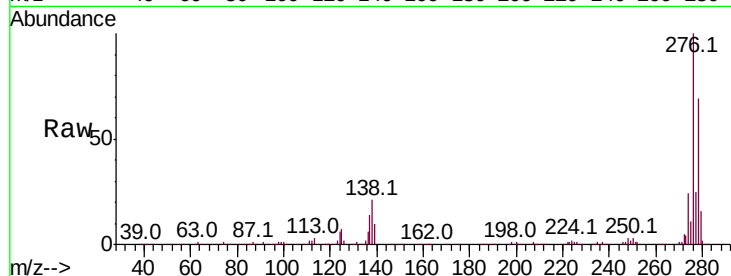
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.281 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.8	25.0	37.6	
277	25.4	20.1	30.1	

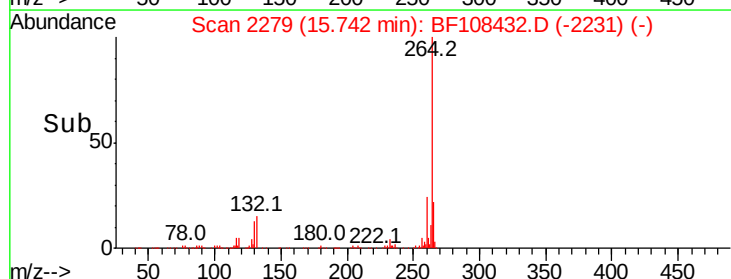
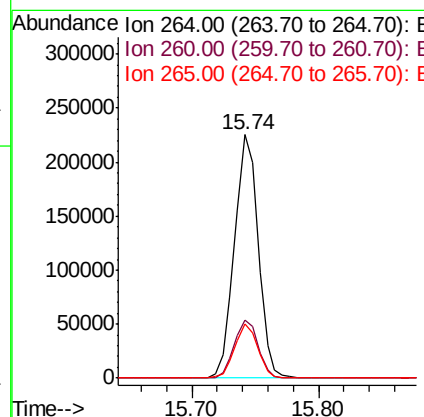
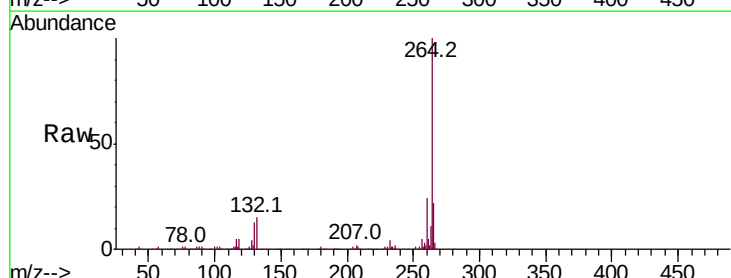
Manual Integrations
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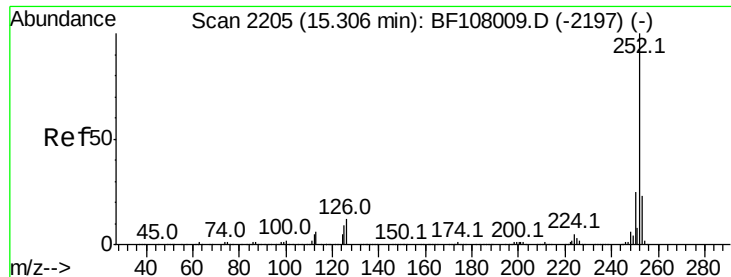
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.0	19.2	28.8	
265	22.1	17.5	26.3	





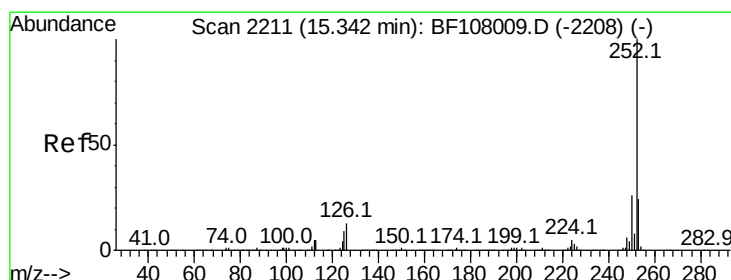
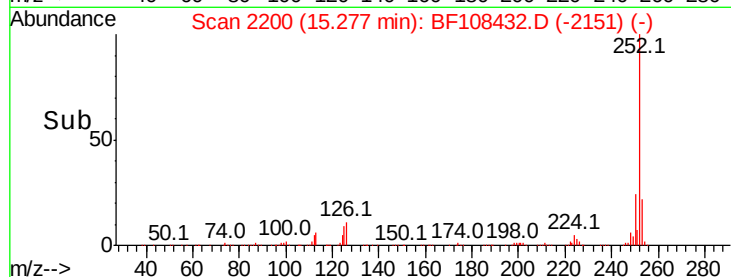
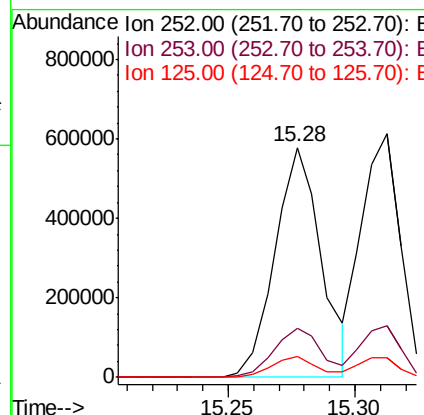
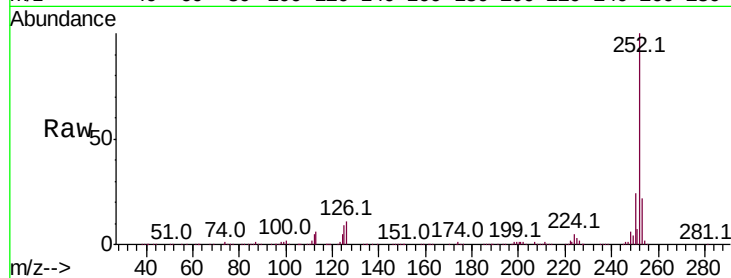
#87
Benzo(b)fluoranthene
Concen: 42.370 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	8.9	9.0	13.6#

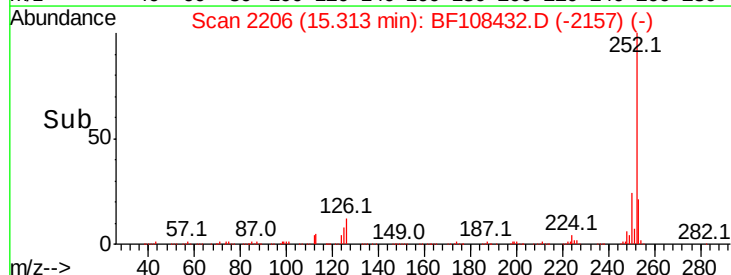
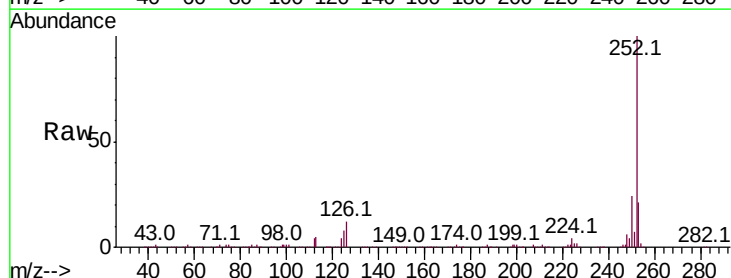
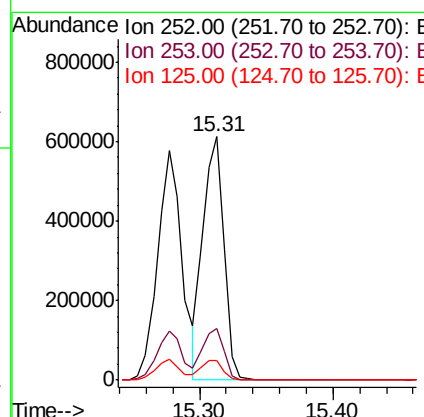
Manual Integrations
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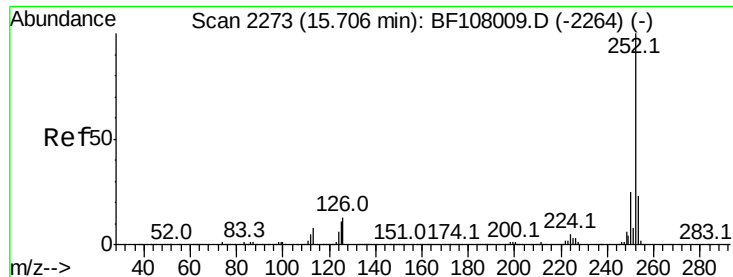
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.171 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	8.1	10.2	15.2#





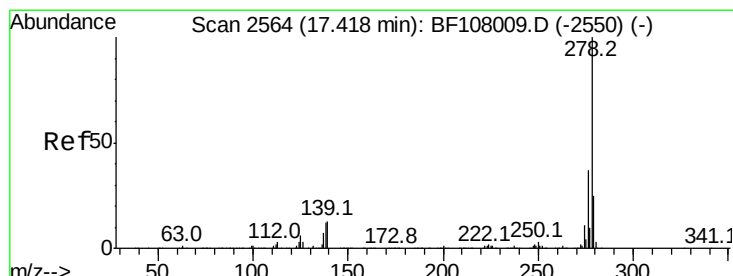
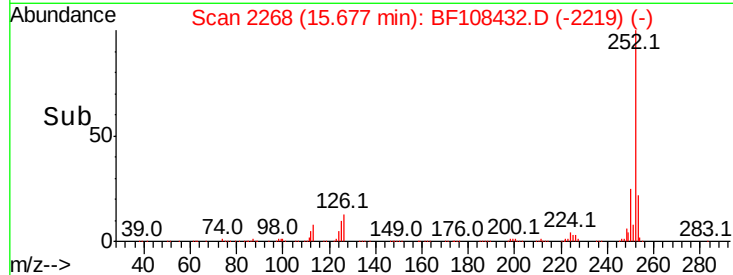
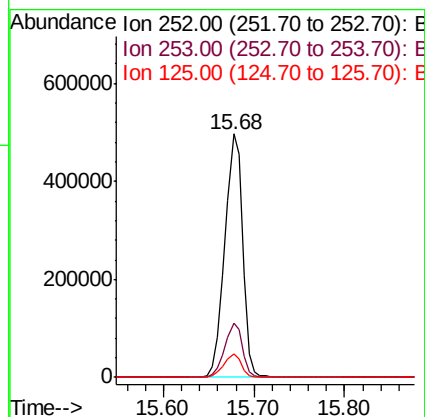
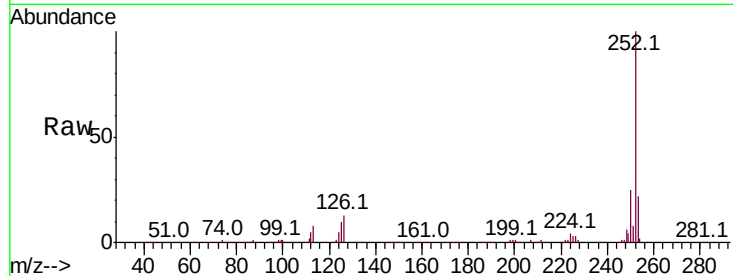
#89
Benzo(a)pyrene
Concen: 43.441 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	677225		
253	22.3	17.1	25.7	
125	9.6	9.8	14.6	

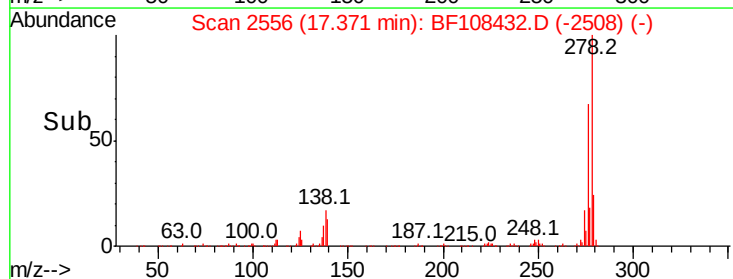
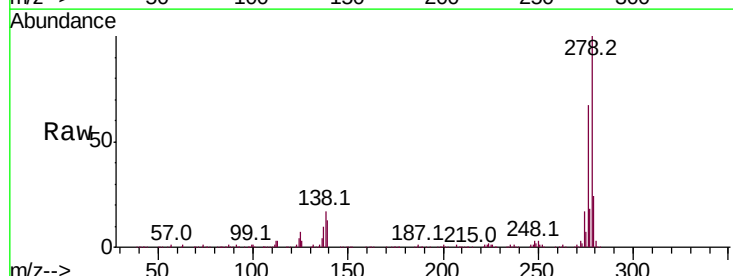
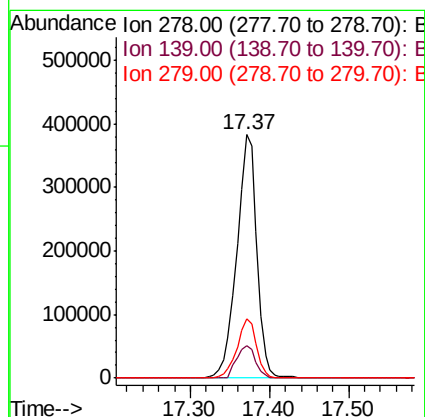
Manual Integrations
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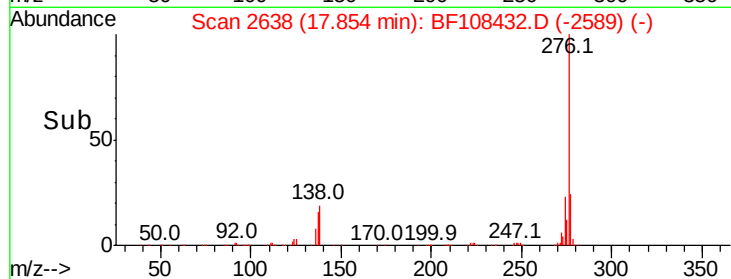
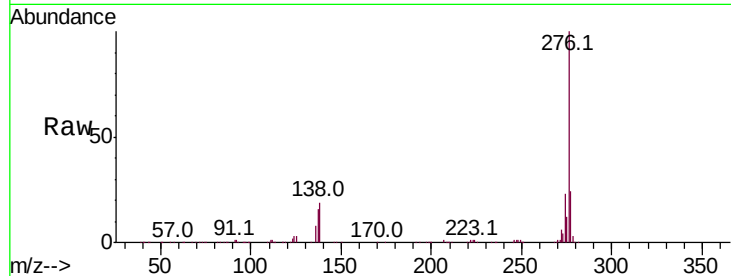
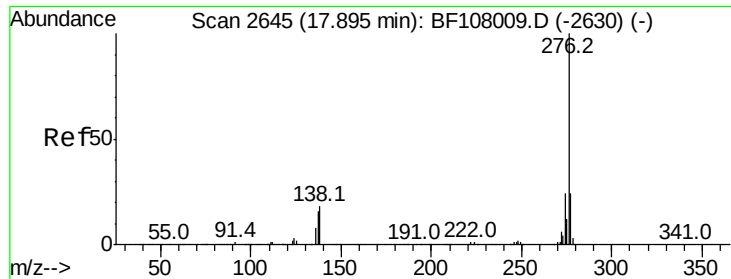
Sohil
8/24/2018 12:14:09 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.153 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BF108432.D
Acq: 23 Aug 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	672715		
139	13.4	15.9	23.9	
279	24.4	19.0	28.4	





#91

Benzo(a,h,i)perylene

Concen: 52.996 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF108432.D

Acq: 23 Aug 2018 20:32

Instrument :

BNA_F

ClientSampleId :

PB112282BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.8	17.9	26.9	
138	19.0	21.8	32.8	

Manual Integrations
APPROVED

Sohil
8/24/2018 12:14:09 PM

