

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108192.D
 Acq On : 16 Aug 2018 13:56
 Operator : JU/SJ
 Sample : PB112104BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:33 PM

Quant Time: Aug 16 14:49:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	192767	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	769167	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	388153	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	764686	20.00	ng	0.00
75) Chrysene-d12	14.22	240	626583	20.00	ng	0.00
86) Perylene-d12	15.78	264	532839	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1494732	140.38	ng	0.03
7) Phenol-d6	6.64	99	2023902	143.04	ng	0.01
23) Nitrobenzene-d5	7.58	82	1073990	77.92	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	598896	154.68	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2009164	83.10	ng	0.00
78) Terphenyl-d14	13.15	244	2152287	87.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	206857	37.810	ng	90
3) Pyridine	3.78	79	566252	40.179	ng	89
4) n-Nitrosodimethylamine	3.75	42	303481	38.269	ng	86
6) Aniline	6.68	93	624611	32.455	ng	96
8) 2-Chlorophenol	6.81	128	505558	42.158	ng	99
9) Benzaldehyde	6.57	77	305028	27.806	ng	99
10) Phenol	6.65	94	605631	41.381	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	494140	41.762	ng	90
12) 1,3-Dichlorobenzene	6.96	146	583353	42.071	ng	99
13) 1,4-Dichlorobenzene	7.03	146	579560	41.602	ng	100
14) 1,2-Dichlorobenzene	7.19	146	541500	41.788	ng	96
15) Benzyl Alcohol	7.15	79	474720	39.855	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	965071	39.592	ng	97
17) 2-Methylphenol	7.26	107	433647	42.168	ng	95
18) Hexachloroethane	7.53	117	212968	42.939	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	386180	40.362	ng	92
20) 3+4-Methylphenols	7.41	107	543034	41.206	ng	91
22) Acetophenone	7.42	105	737190	40.989	ng	# 94
24) Nitrobenzene	7.60	77	574111	41.189	ng	97
25) Isophorone	7.84	82	1050142	39.971	ng	98
26) 2-Nitrophenol	7.91	139	248901	47.285	ng	88
27) 2,4-Dimethylphenol	7.94	122	478313	41.019	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	628055	40.949	ng	99
29) 2,4-Dichlorophenol	8.15	162	459767	42.845	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	487982	41.245	ng	97
31) Naphthalene	8.32	128	1476651	42.214	ng	99
32) Benzoic acid	8.06	122	238141	36.788	ng	90
33) 4-Chloroaniline	8.37	127	377704	24.777	ng	98
34) Hexachlorobutadiene	8.43	225	310705	41.484	ng	98
35) Caprolactam	8.74	113	154065m	45.815	ng	
36) 4-Chloro-3-methylphenol	8.84	107	474146	40.958	ng	98
37) 2-Methylnaphthalene	9.01	142	1014890	41.008	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	507185	42.550	ng	98
40) Hexachlorocyclopentadiene	9.17	237	609517	79.167	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	336994	45.559	nq	100
43) 2,4,5-Trichlorophenol	9.33	196	359392	44.137	nq	# 93
45) 1,1'-Biphenyl	9.48	154	1228310	42.920	nq	99
46) 2-Chloronaphthalene	9.51	162	949913	41.996	nq	98
47) 2-Nitroaniline	9.60	65	323617	44.218	nq	89
48) Acenaphthylene	9.93	152	1516570	42.411	nq	100
49) Dimethylphthalate	9.78	163	1114803	41.231	nq	# 99
50) 2,6-Dinitrotoluene	9.84	165	246844	43.636	nq	96
51) Acenaphthene	10.10	154	993663	45.368	nq	99
52) 3-Nitroaniline	10.01	138	188905	30.521	nq	97
53) 2,4-Dinitrophenol	10.12	184	195910	91.439	nq	# 20
54) Dibenzofuran	10.27	168	1316644	41.493	nq	96
55) 4-Nitrophenol	10.17	139	377820	80.612	nq	84
56) 2,4-Dinitrotoluene	10.25	165	332712	45.693	nq	# 94
57) Fluorene	10.62	166	1039610	41.387	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	304565	44.751	nq	# 85
59) Diethylphthalate	10.48	149	1054469	40.275	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	536005	40.951	nq	91
61) 4-Nitroaniline	10.64	138	258886	42.307	nq	93
62) Azobenzene	10.77	77	1088348	40.251	nq	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	125319	44.137	nq	92
65) n-Nitrosodiphenylamine	10.72	169	939468	41.575	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	349191	42.020	nq	# 87
67) Hexachlorobenzene	11.17	284	367942	42.081	nq	# 87
68) Atrazine	11.25	200	326929	43.135	nq	95
69) Pentachlorophenol	11.36	266	361322	86.337	nq	96
70) Phenanthrene	11.59	178	1495831	41.473	nq	99
71) Anthracene	11.64	178	1536744	41.571	nq	97
72) Carbazole	11.79	167	1364288	41.539	nq	99
73) Di-n-butylphthalate	12.11	149	1608530	43.238	nq	100
74) Fluoranthene	12.78	202	1652935	41.992	nq	96
76) Benzidine	12.90	184	845065	36.097	nq	99
77) Pyrene	13.01	202	1643392	41.427	nq	97
79) Butylbenzylphthalate	13.61	149	702203	44.579	nq	96
80) Benzo(a)anthracene	14.21	228	1523832	42.376	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	382923	29.714	nq	# 98
82) Chrysene	14.24	228	1398368	42.417	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	914936	42.892	nq	99
84) Di-n-octyl phthalate	14.79	149	1535062	47.186	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	1049180	36.730	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1447958	45.477	nq	# 96
88) Benzo(k)fluoranthene	15.34	252	1210817	41.370	nq	# 95
89) Benzo(a)pyrene	15.71	252	1224746	42.957	nq	96
90) Dibenzo(a,h)anthracene	17.41	278	874940	37.089	nq	# 93
91) Benzo(g,h,i)perylene	17.89	276	835736	35.978	nq	# 91

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



#1

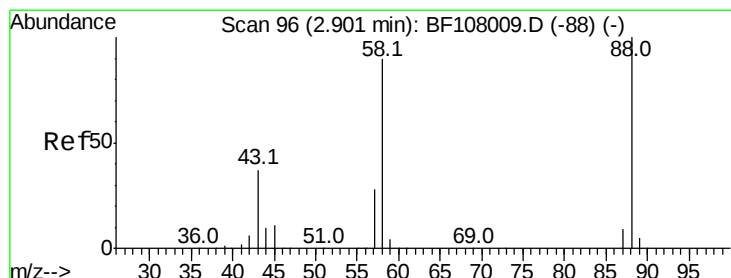
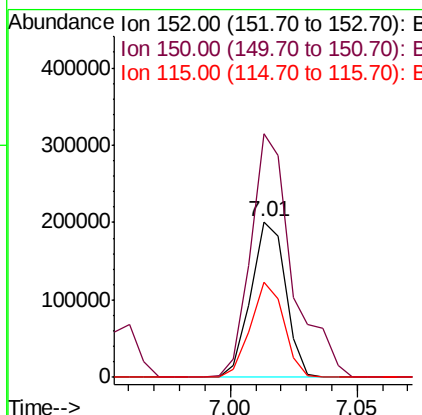
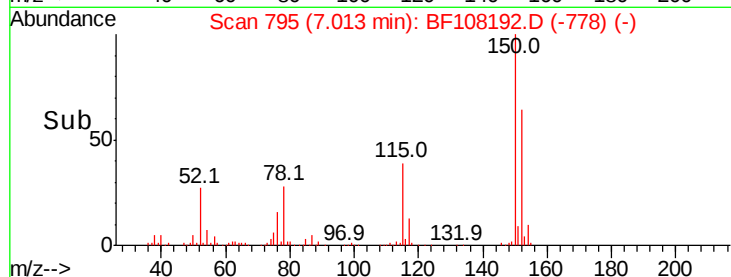
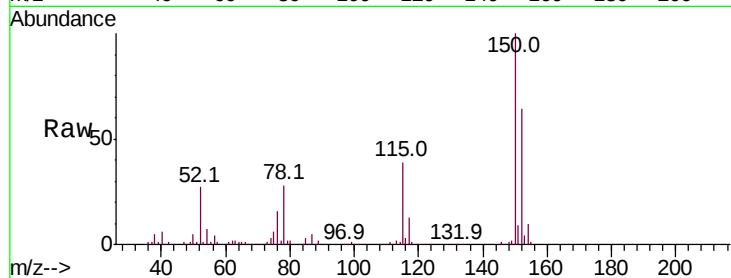
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	61.2	50.1	75.1

Manual Integrations
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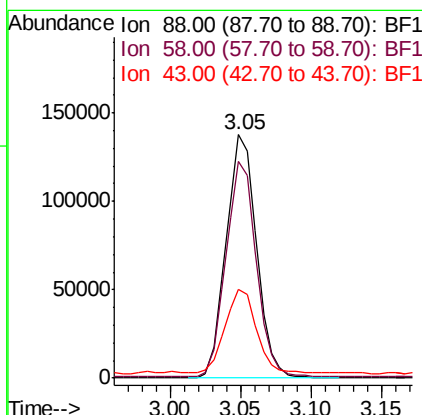
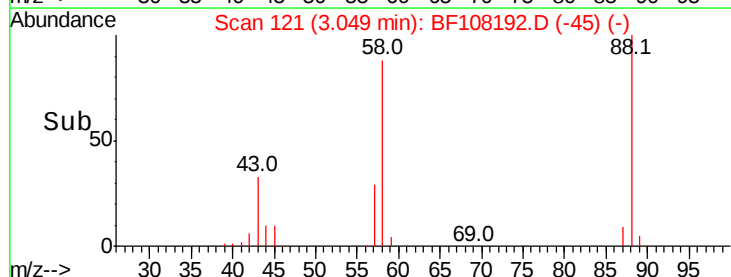
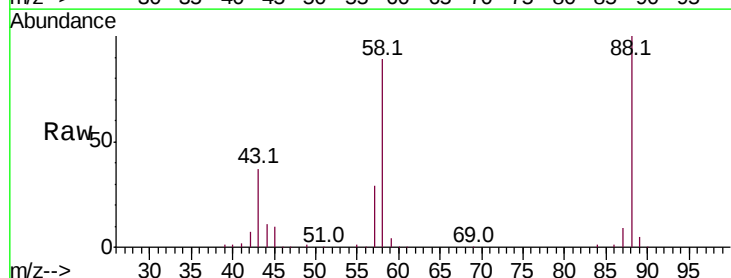
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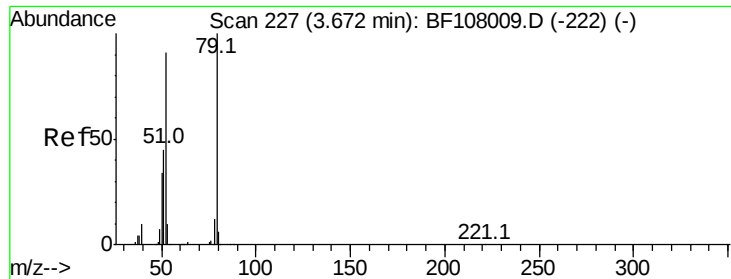


#2

1,4-Dioxane
Concen: 37.810 ng
RT: 3.05 min Scan# 121
Delta R.T. 0.15 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	62.6	93.8
43	35.1	24.6	37.0





#3

Pvridine

Concen: 40.179 ng

RT: 3.78 min Scan# 246

Delta R.T. 0.11 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

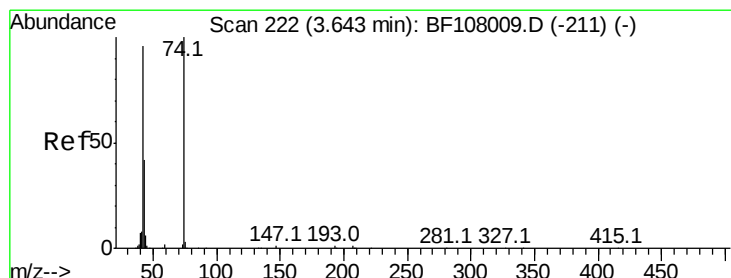
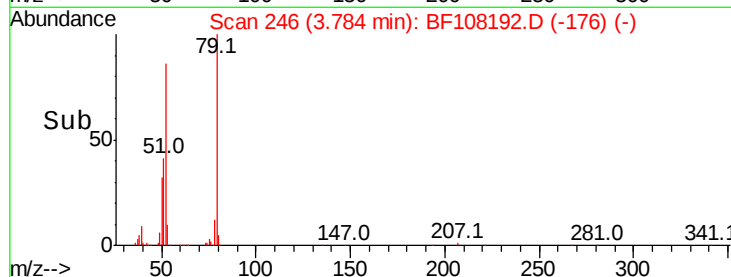
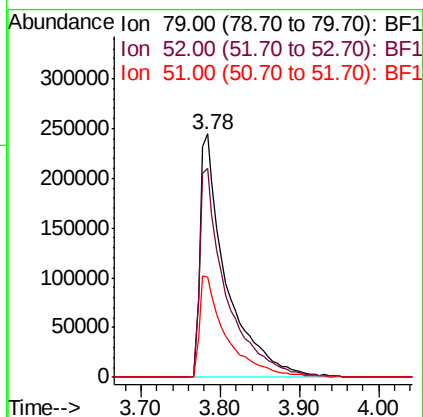
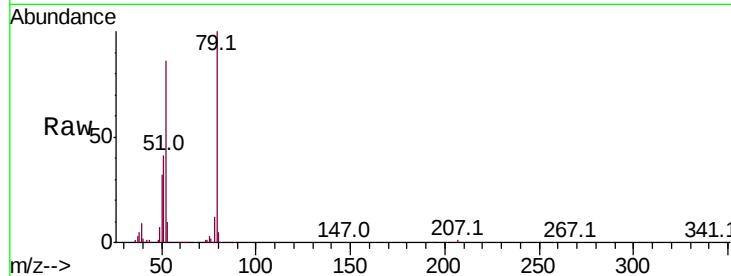
ClientSampleId :

PB112104BS

Tot Ion:	79	Resp:	566252
Ion Ratio	Lower	Upper	
79	100		
52	85.8	59.8	89.6
51	41.3	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.269 ng

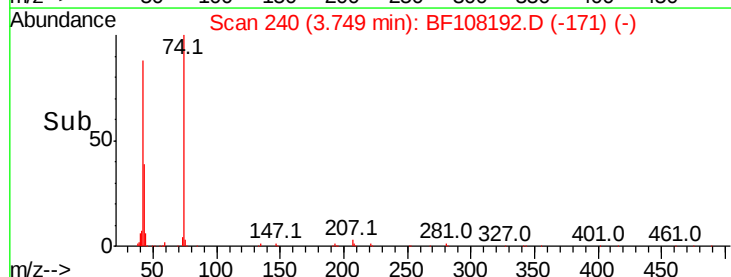
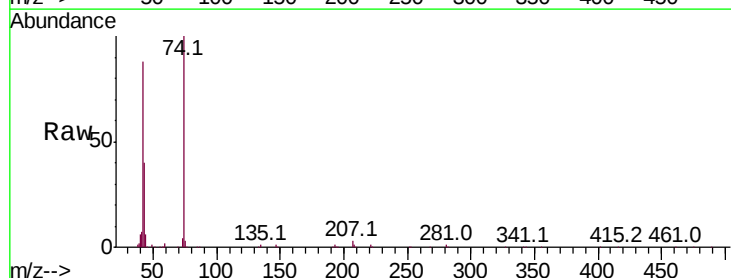
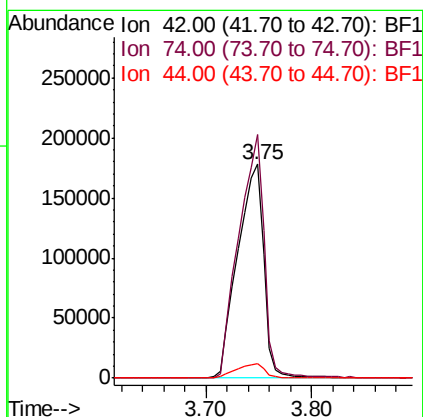
RT: 3.75 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion:	42	Resp:	303481
Ion Ratio	Lower	Upper	
42	100		
74	113.8	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 140.384 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112104BS

Tot Ion:112 Resp: 1494732

Ion Ratio Lower Upper

112 100

64 68.0 47.9 71.9

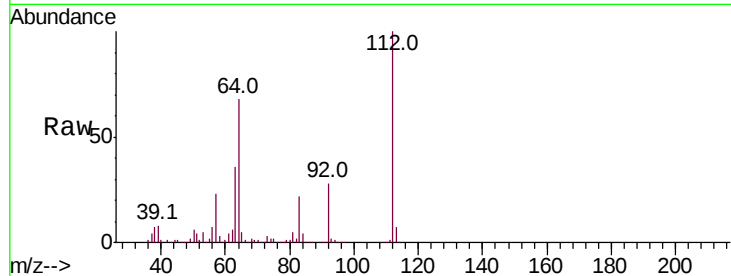
63 36.4 23.7 35.5#

Manual Integrations

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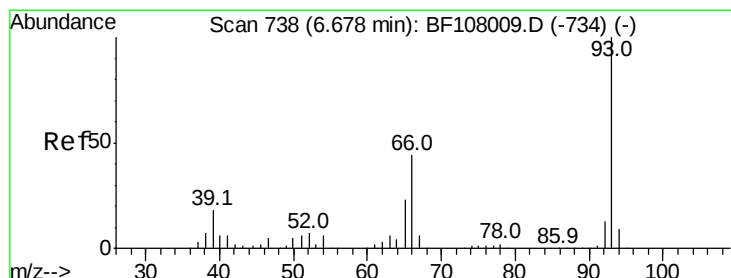
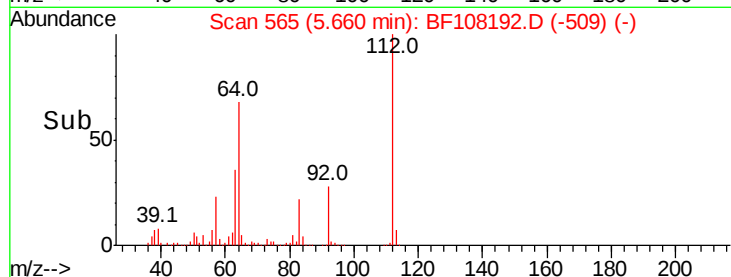
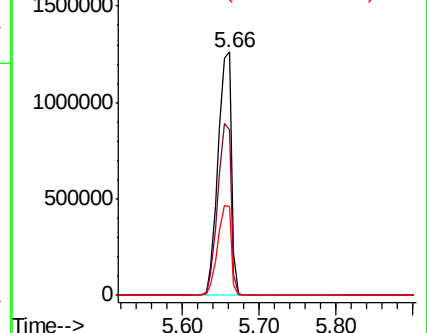
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.455 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

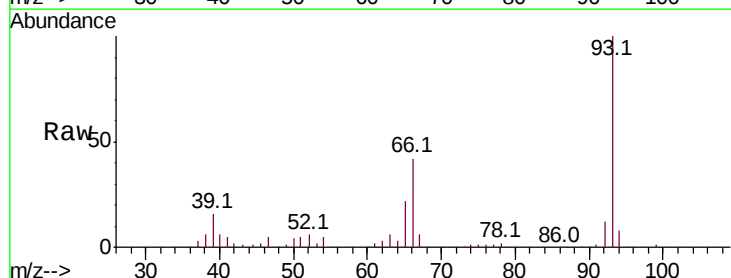
Tgt Ion: 93 Resp: 624611

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

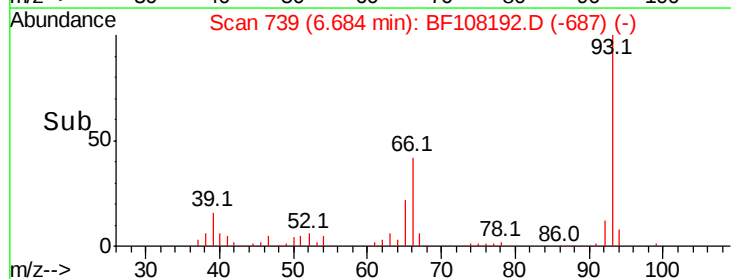
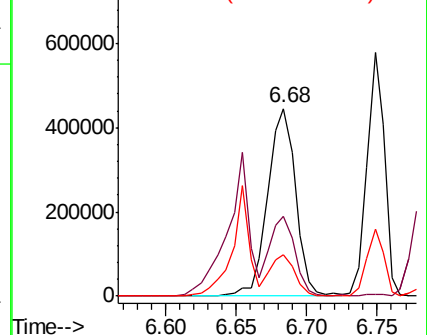
65 22.0 16.4 24.6

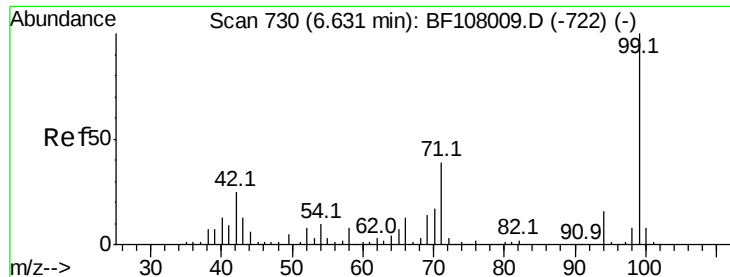


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.042 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112104BS

Tot Ion: 99 Resp: 2023902

Ion Ratio Lower Upper

99 100

42 23.7 14.5 21.7#

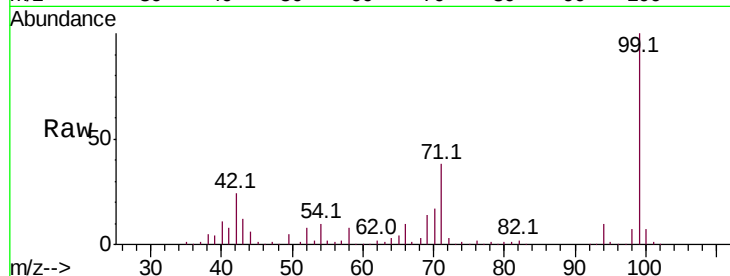
71 38.3 25.4 38.0#

Manual Integrations

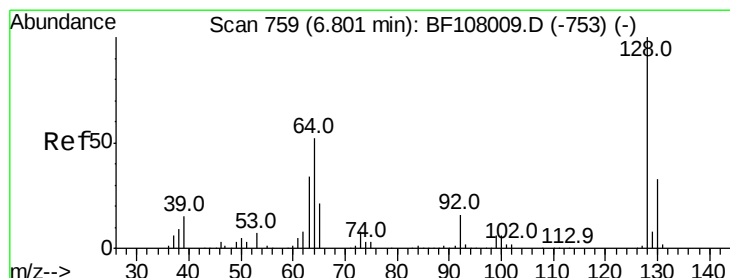
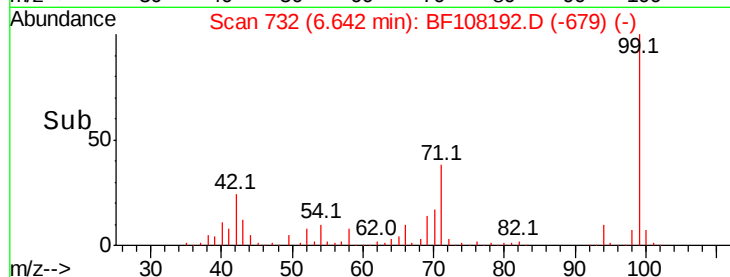
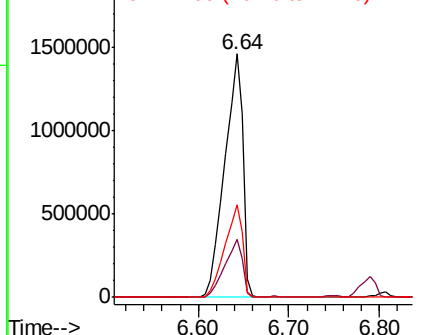
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.158 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

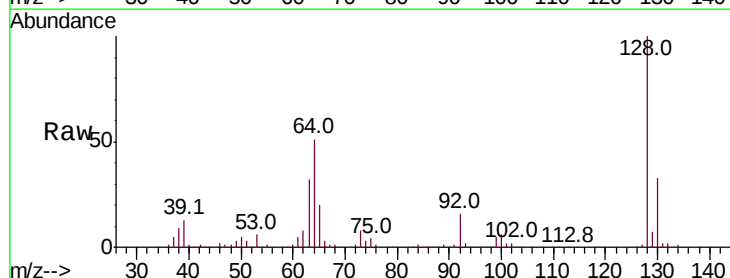
Tgt Ion:128 Resp: 505558

Ion Ratio Lower Upper

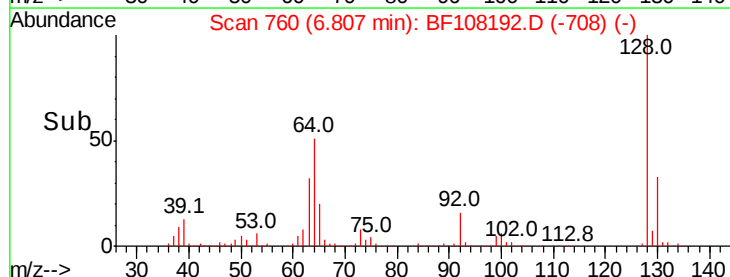
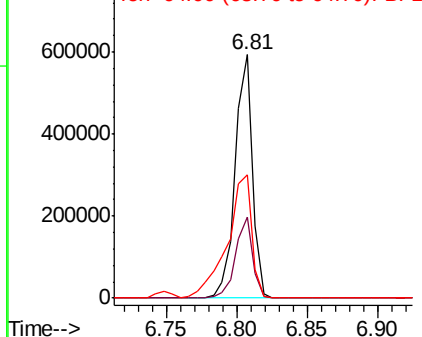
128 100

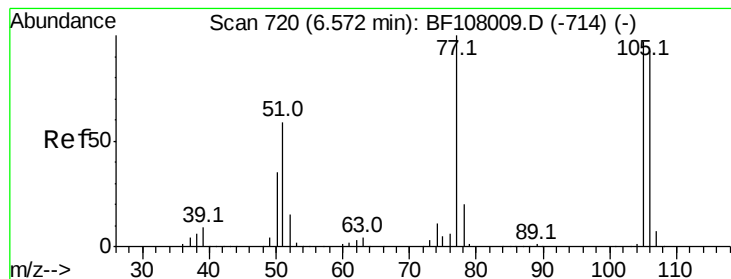
130 33.2 13.0 53.0

64 50.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.806 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112104BS

Tot Ion: 77 Resp: 305028

Ion Ratio Lower Upper

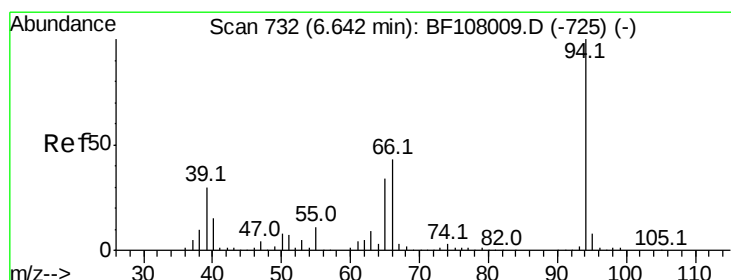
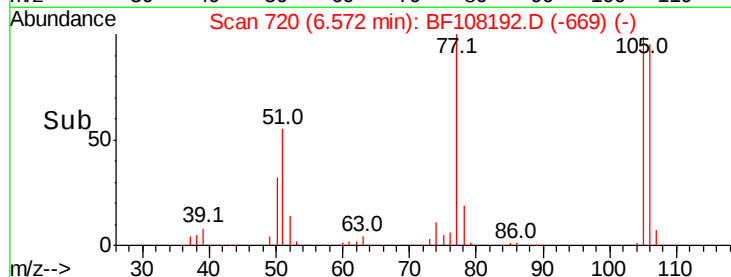
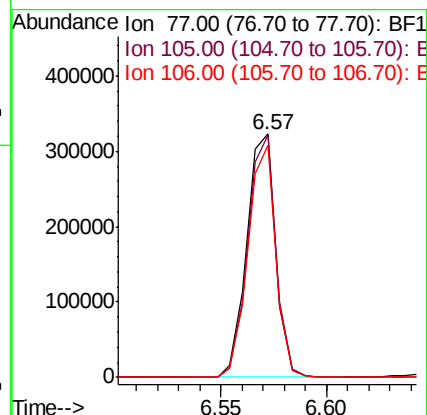
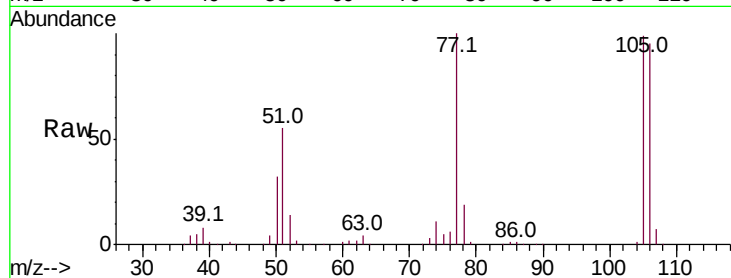
77 100

105 99.3 81.1 121.1

106 95.4 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 41.381 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

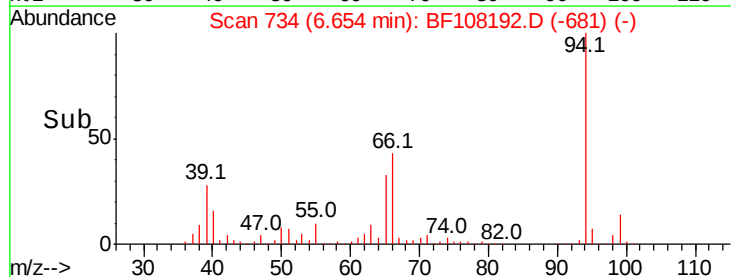
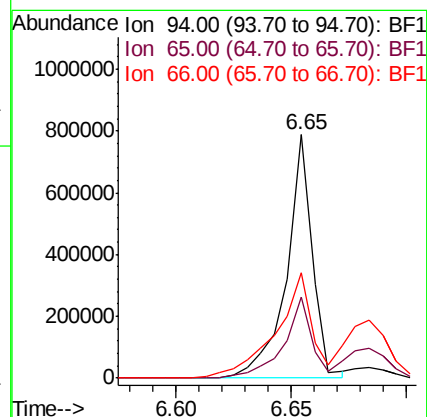
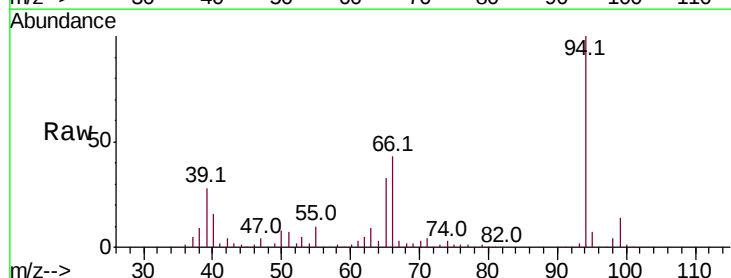
Tgt Ion: 94 Resp: 605631

Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

66 43.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.762 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

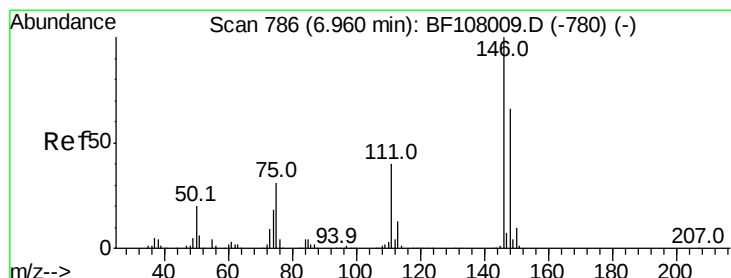
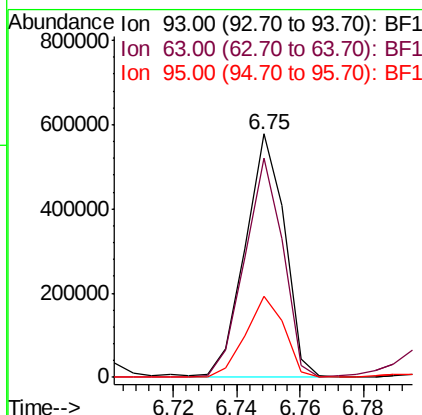
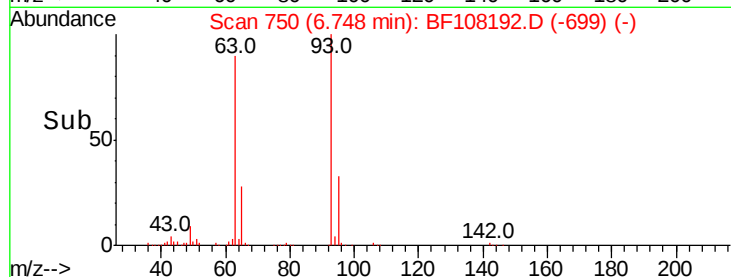
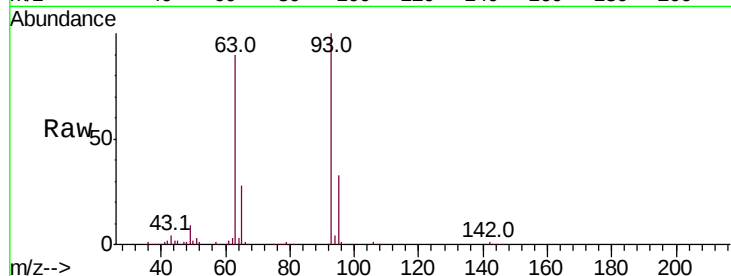
ClientSampleId :

PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	494140		
63	89.9	58.6	98.6	
95	33.3	11.8	51.8	

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#12

1,3-Dichlorobenzene

Concen: 42.071 ng

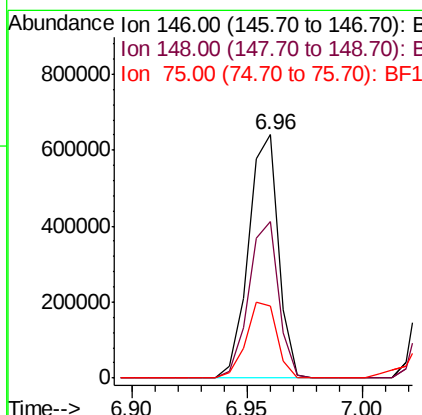
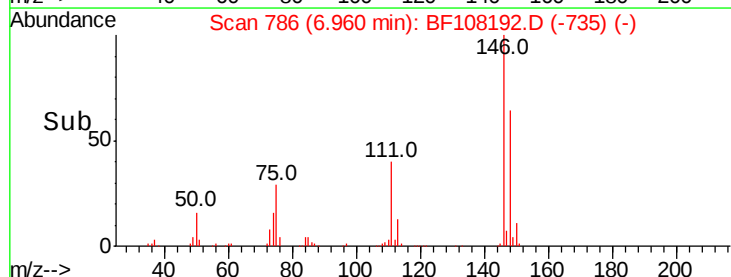
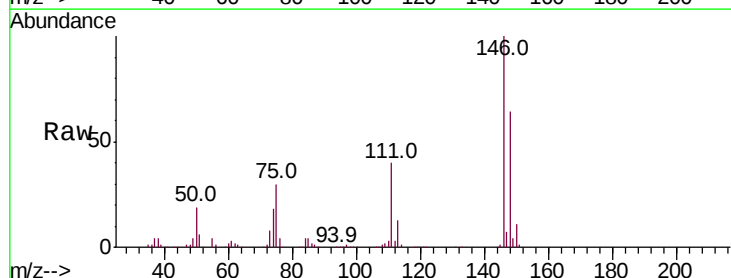
RT: 6.96 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	583353		
148	64.1	51.8	77.8	
75	29.7	24.2	36.4	





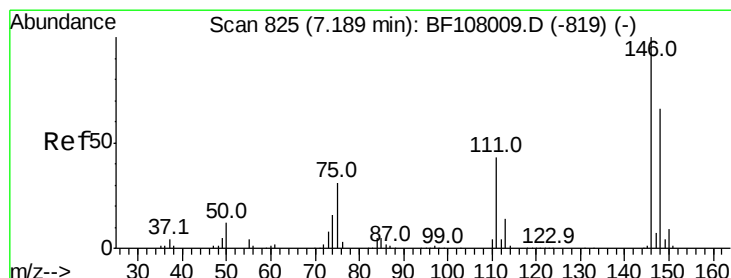
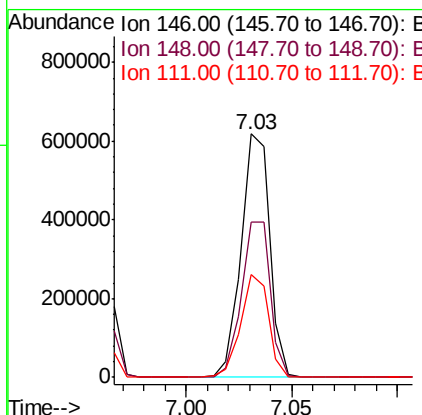
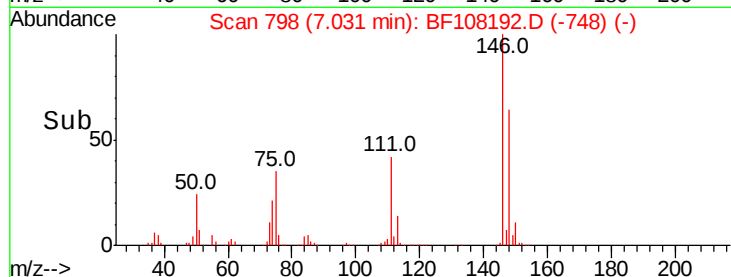
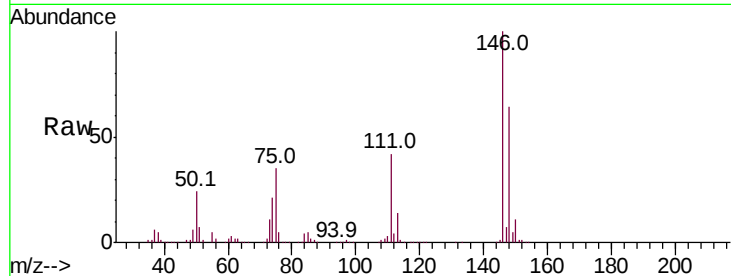
#13
 1,4-Dichlorobenzene
 Concen: 41.602 ng
 RT: 7.03 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	42.3	34.2	51.2

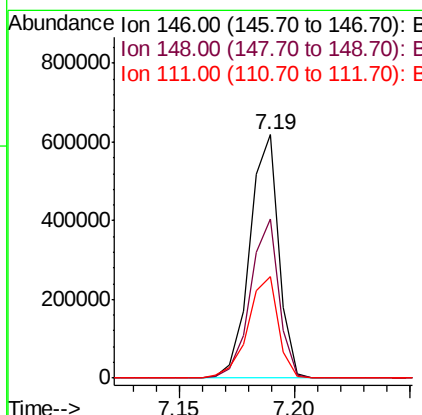
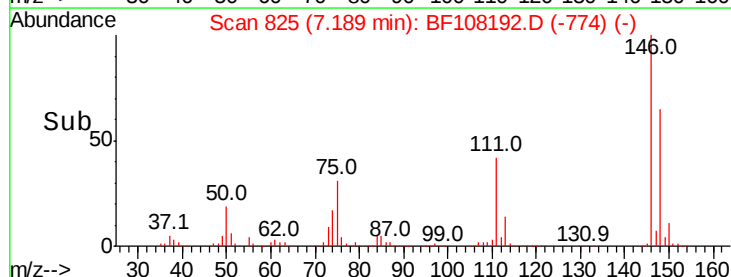
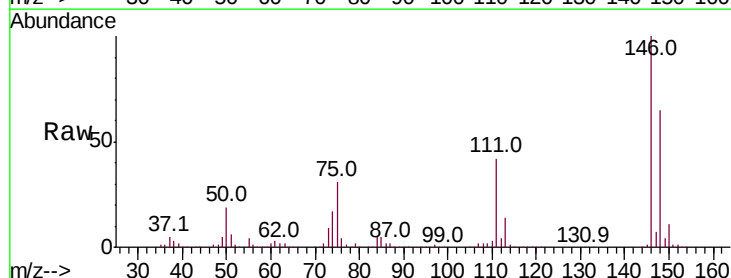
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#14
 1,2-Dichlorobenzene
 Concen: 41.788 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	75.8
111	41.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.855 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

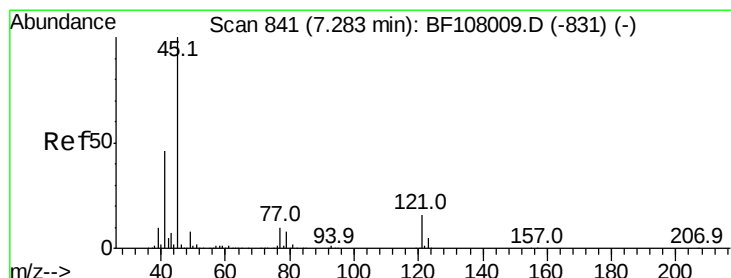
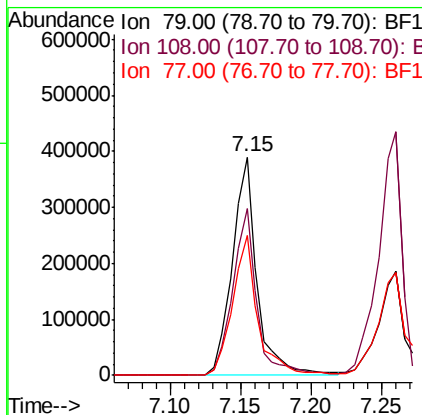
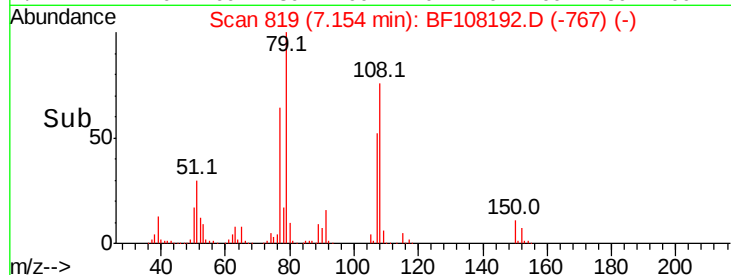
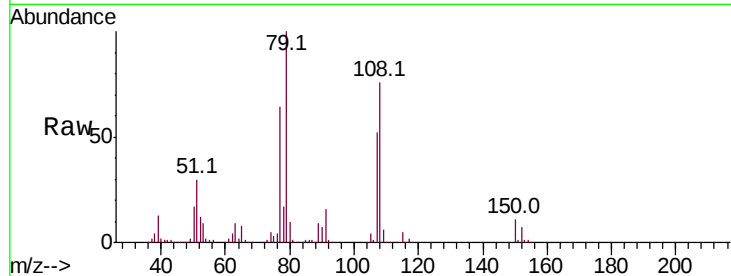
ClientSampled :

PB112104BS

Tot Ion:	79	Resp:	474720
Ion Ratio	Lower	Upper	
79	100		
108	76.5	65.1	97.7
77	64.2	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.592 ng

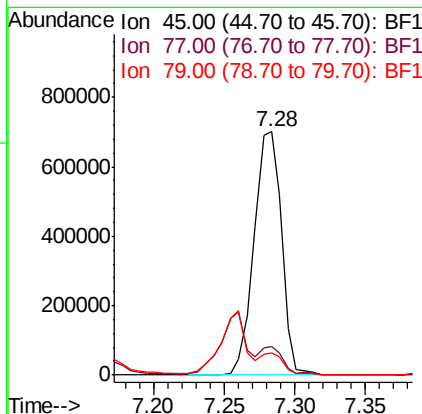
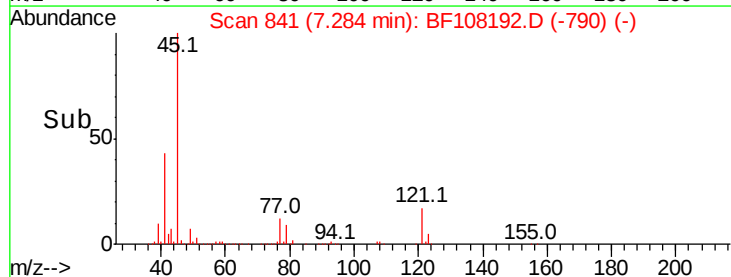
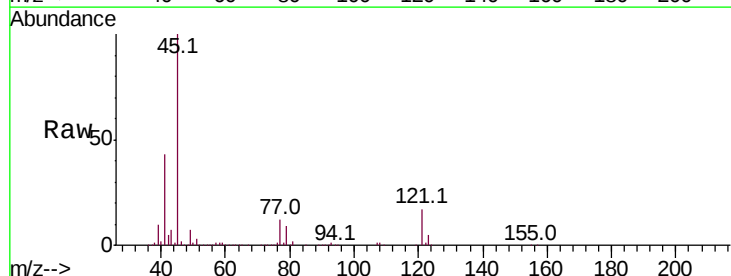
RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion:	45	Resp:	965071
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.9
79	9.0	0.0	29.6





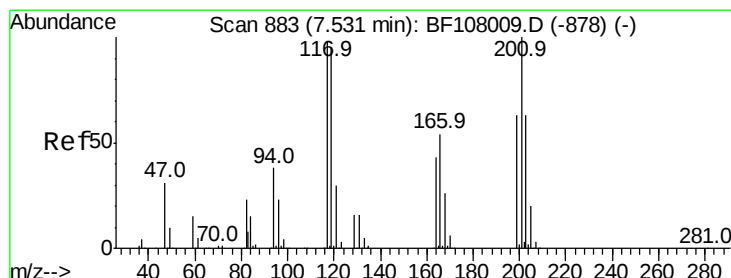
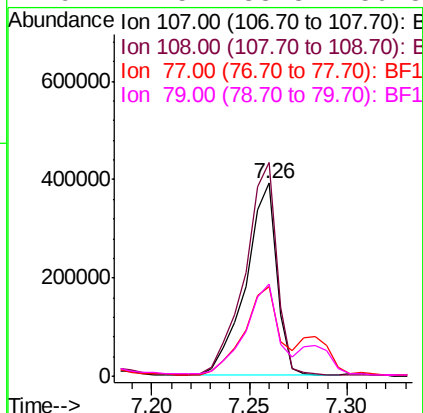
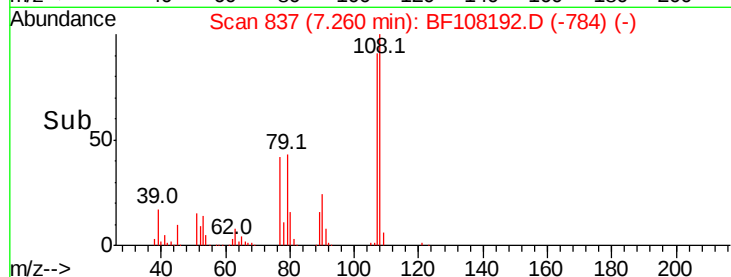
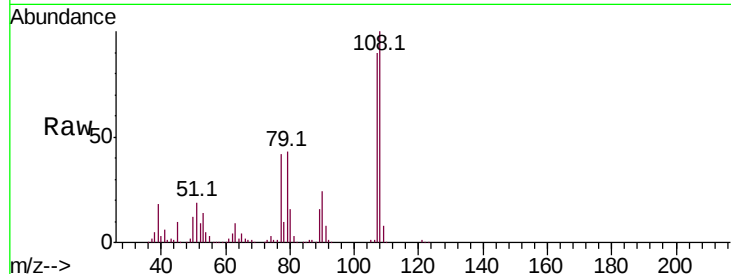
#17
2-Methylphenol
Concen: 42.168 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	91.7	137.5	
77	46.7	33.8	50.8	
79	47.5	33.8	50.8	

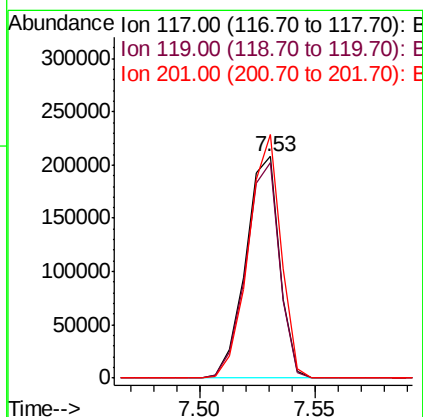
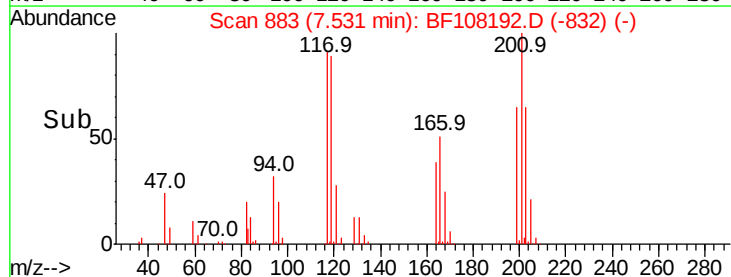
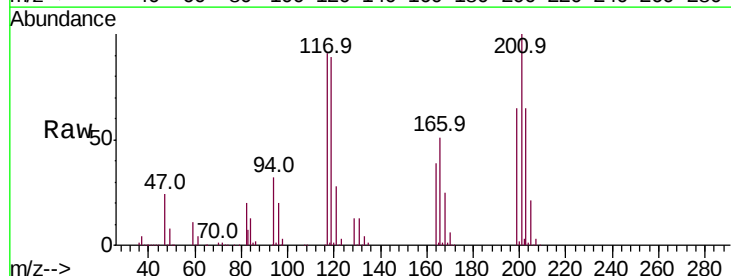
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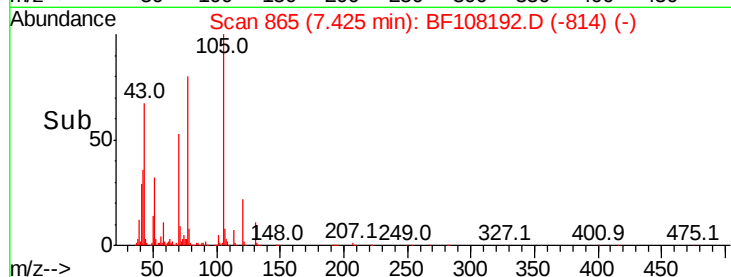
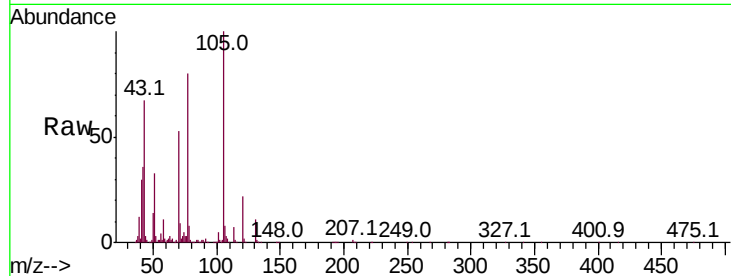
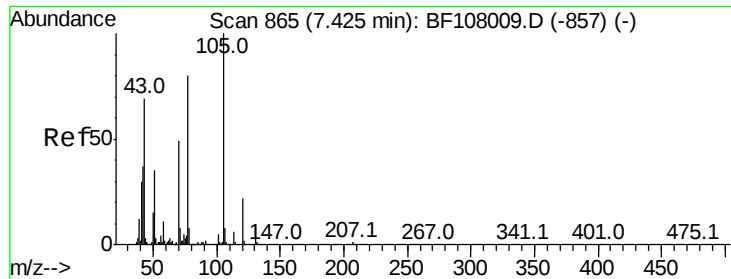
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#18
Hexachloroethane
Concen: 42.939 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	110.0	75.7	113.5	





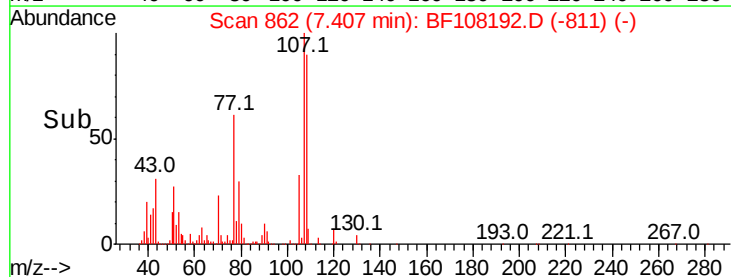
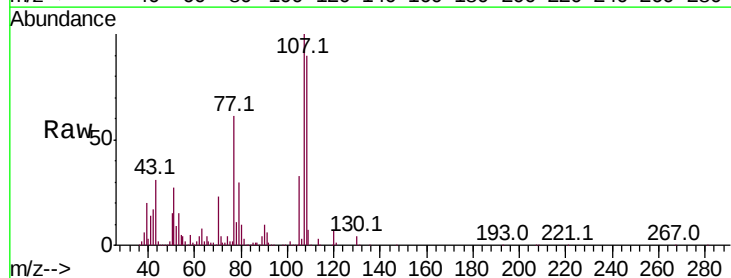
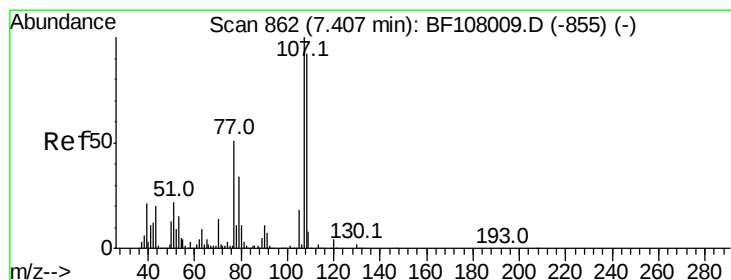
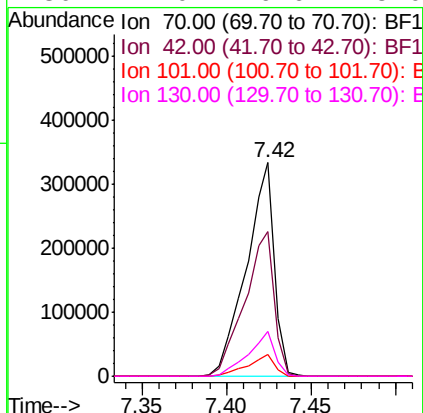
#19
n-Nitroso-di-n-propylamine
Concen: 40.362 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.8	47.5	71.3	
101	9.9	7.4	11.2	
130	21.0	16.6	25.0	

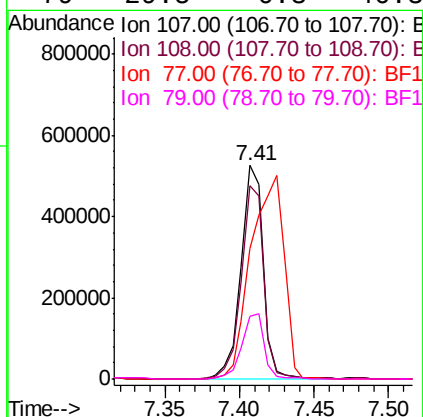
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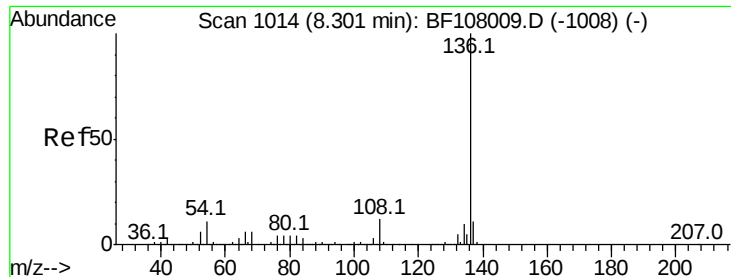
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#20
3+4-Methylphenols
Concen: 41.206 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.2	108.2	
77	61.1	26.7	66.7	
79	29.5	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

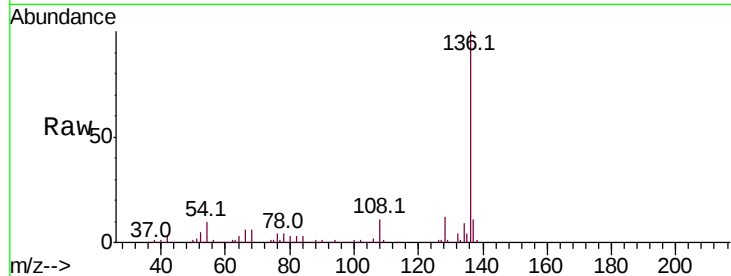
ClientSampleId :

PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	769167		
137	11.1	8.9	13.3	
54	9.8	6.6	9.8	
68	6.1	5.0	7.4	

Manual Integrations
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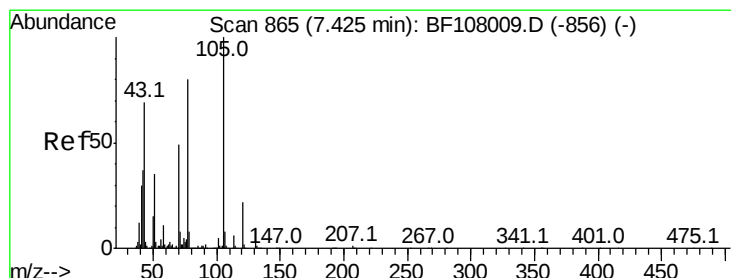
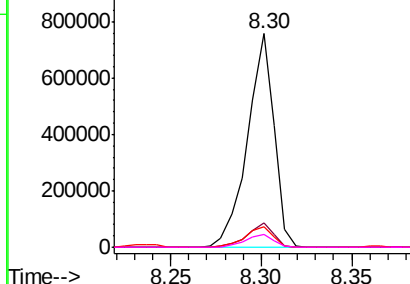
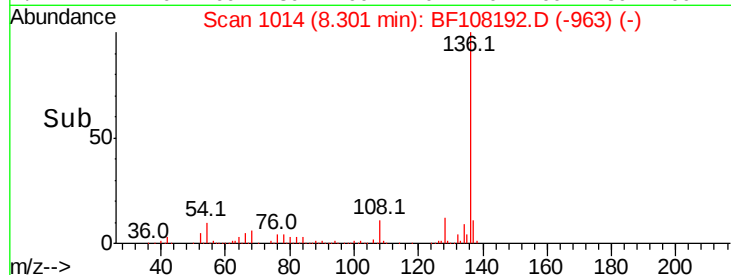
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.989 ng

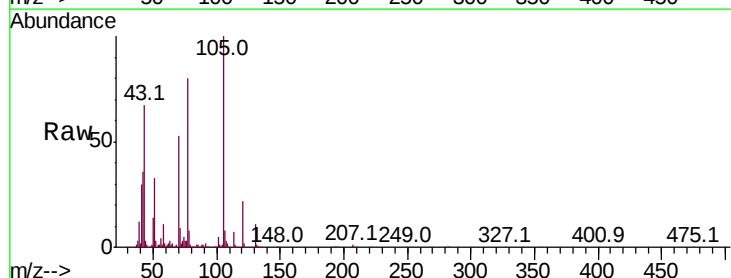
RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	737190		
71	8.8	4.4	6.6#	
51	32.5	22.3	33.5	
120	21.7	16.9	25.3	



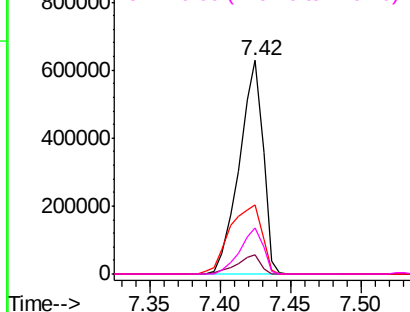
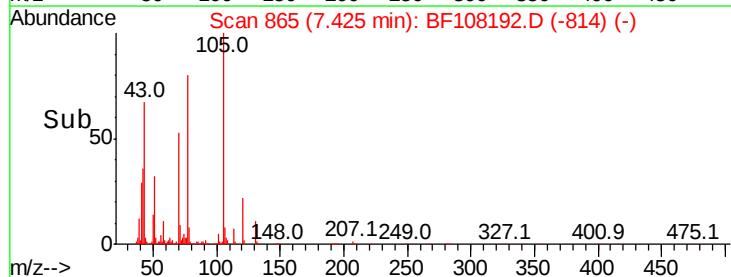
Abundance

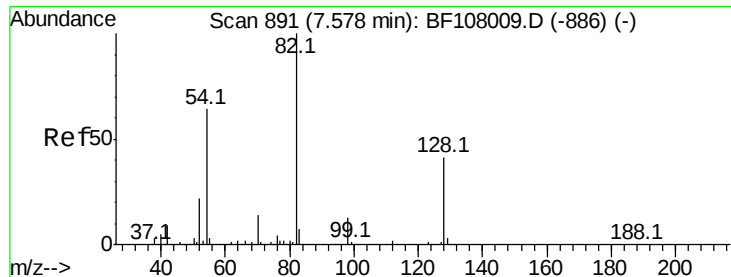
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





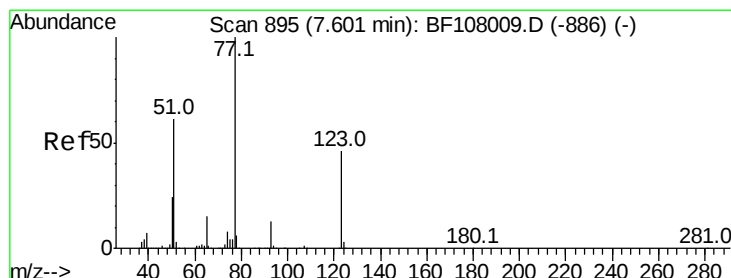
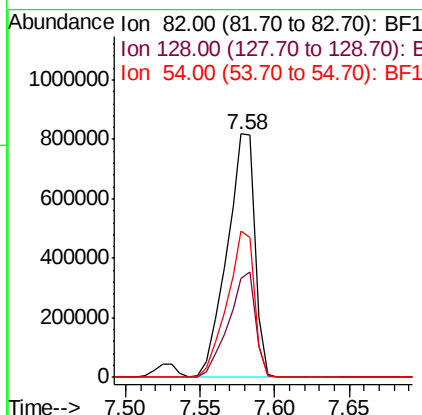
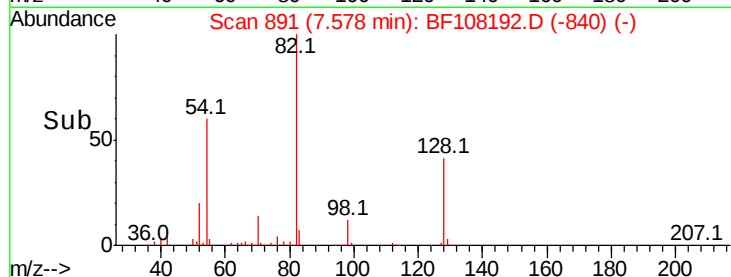
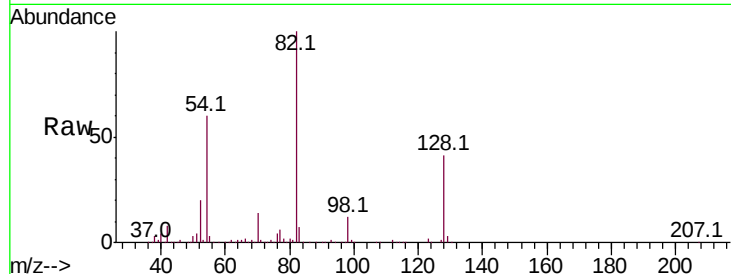
#23
 Nitrobenzene-d5
 Concen: 77.916 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion: 82 Resp: 1073990
 Ion Ratio Lower Upper
 82 100
 128 40.8 36.1 54.1
 54 60.1 41.4 62.2

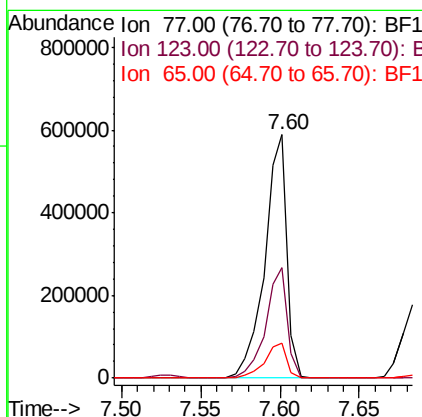
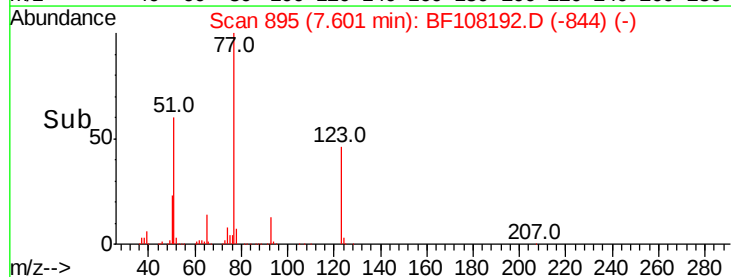
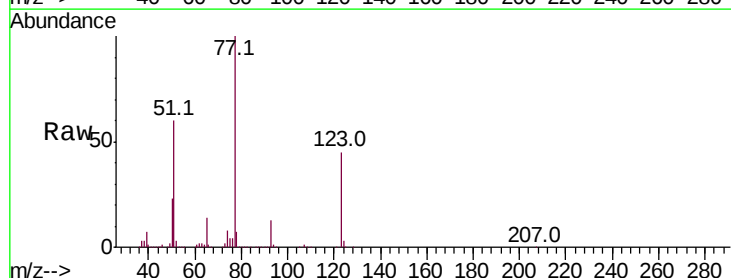
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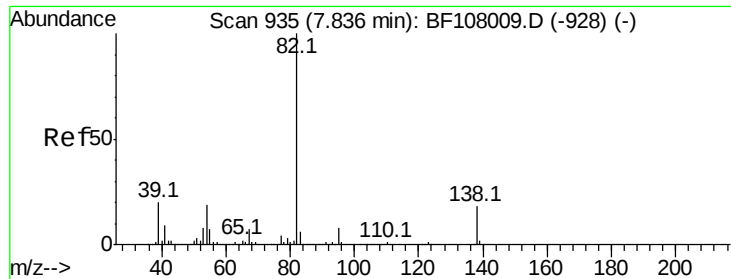
Sohil
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#24
 Nitrobenzene
 Concen: 41.189 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion: 77 Resp: 574111
 Ion Ratio Lower Upper
 77 100
 123 45.4 37.9 56.9
 65 14.2 11.0 16.4





#25

Isophorone

Concen: 39.971 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

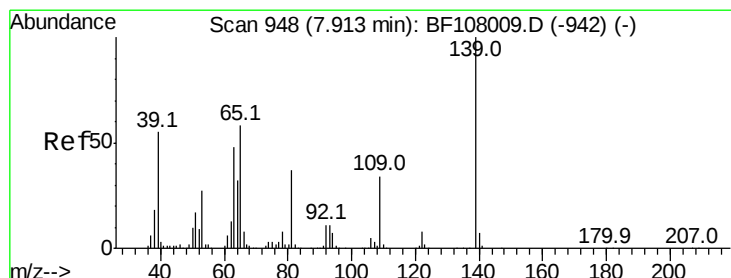
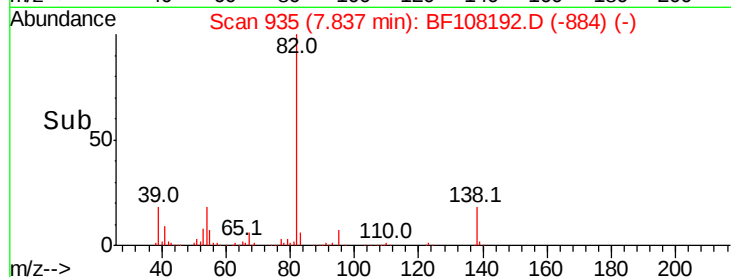
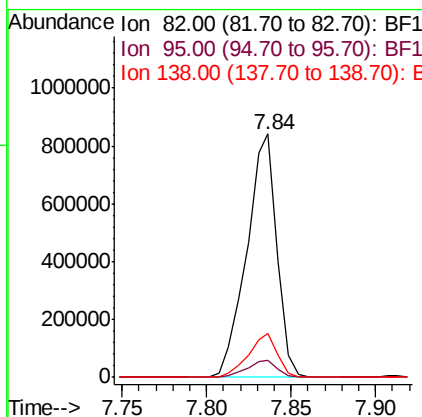
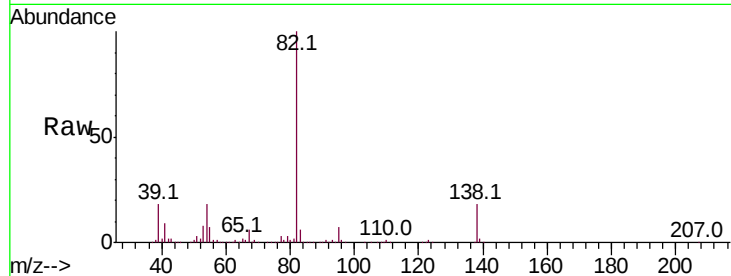
ClientSampleId :

PB112104BS

Tot Ion:	82	Resp:	1050142
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.2	7.8
138	17.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 47.285 ng

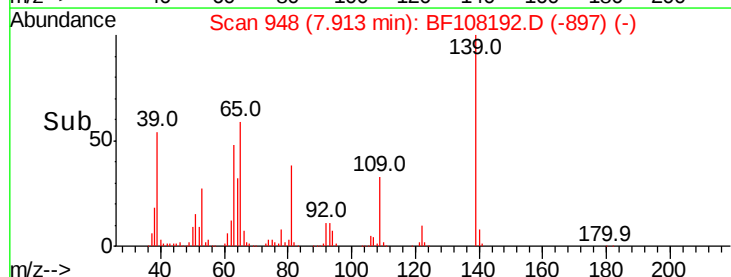
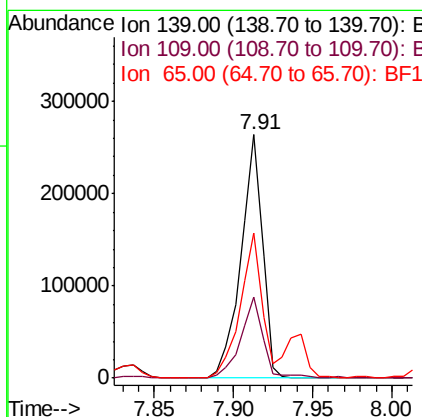
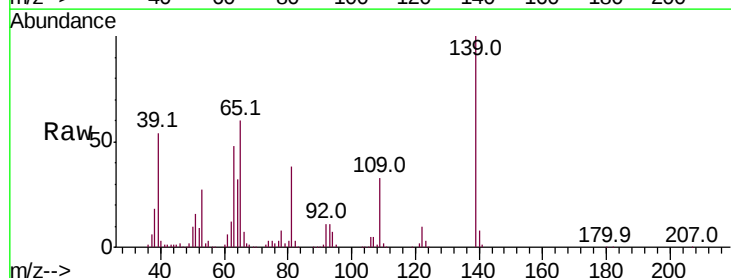
RT: 7.91 min Scan# 948

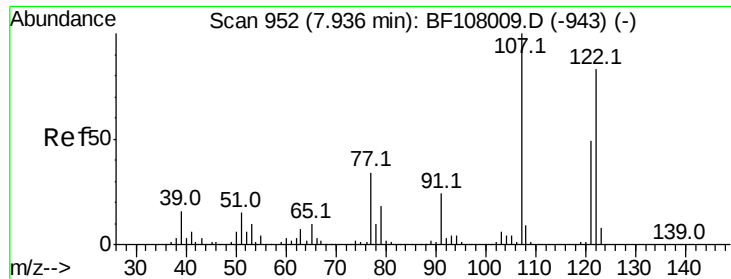
Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion:	139	Resp:	248901
Ion	Ratio	Lower	Upper
139	100		
109	33.3	22.7	34.1
65	59.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 41.019 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

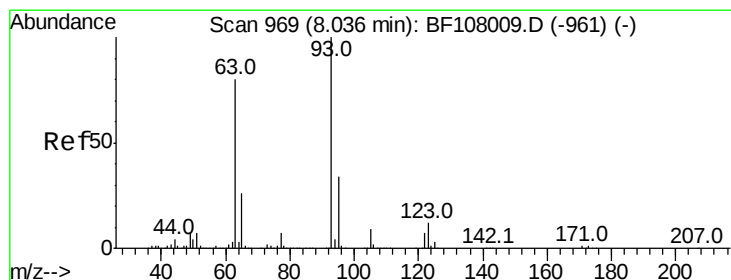
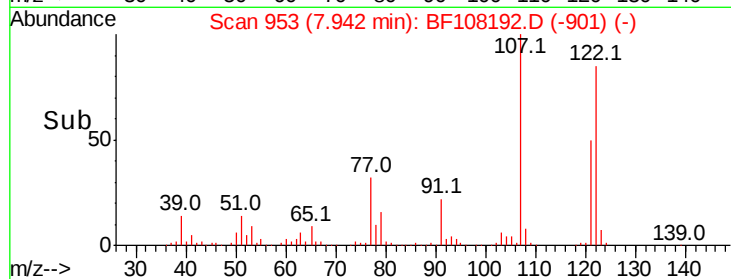
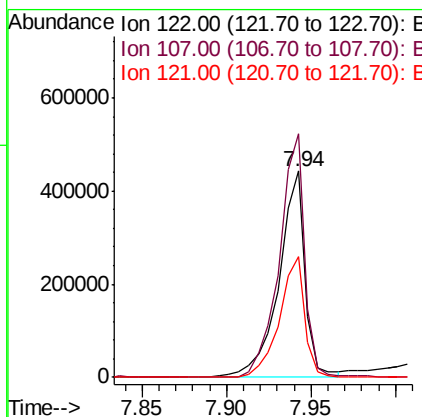
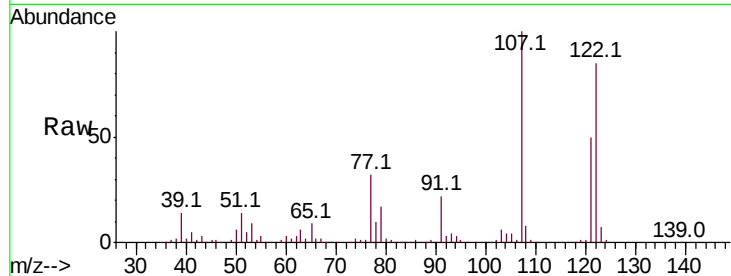
ClientSampleId :

PB112104BS

Tot Ion:	122	Resp:	478313
Ion Ratio	Lower	Upper	
122	100		
107	118.0	91.2	136.8
121	58.4	47.2	70.8

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8/17/2018 3:30:33 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.949 ng

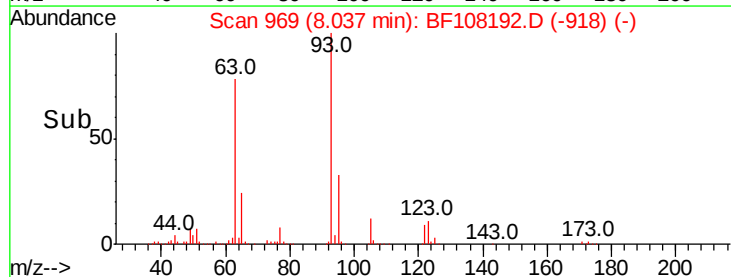
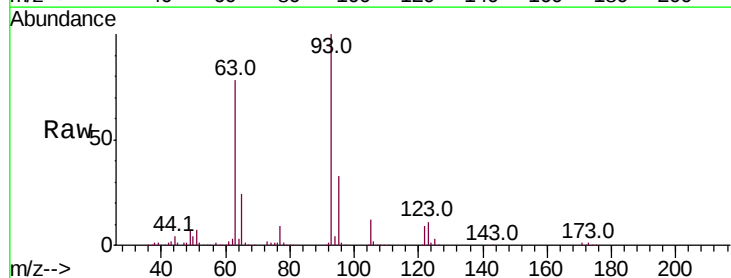
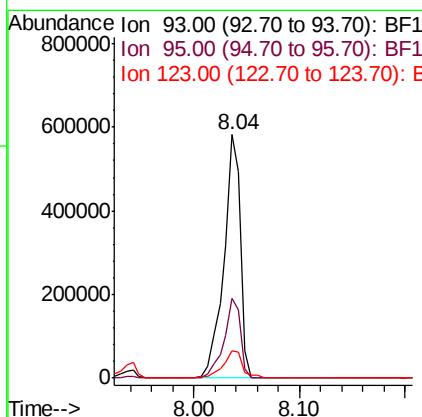
RT: 8.04 min Scan# 969

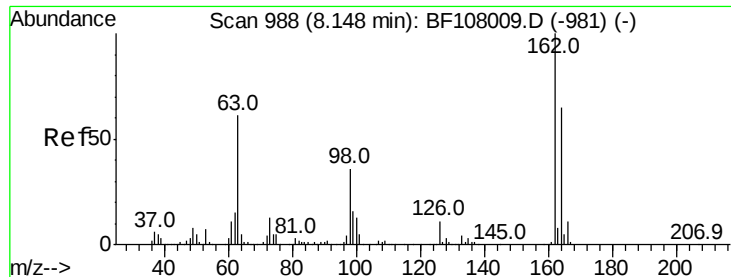
Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion:	93	Resp:	628055
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.5	9.8	14.6





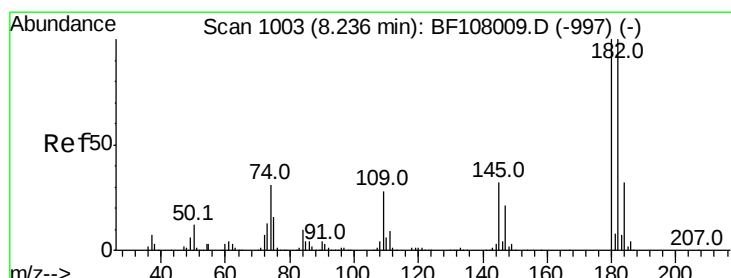
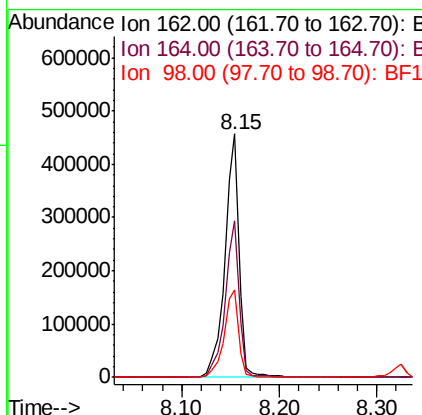
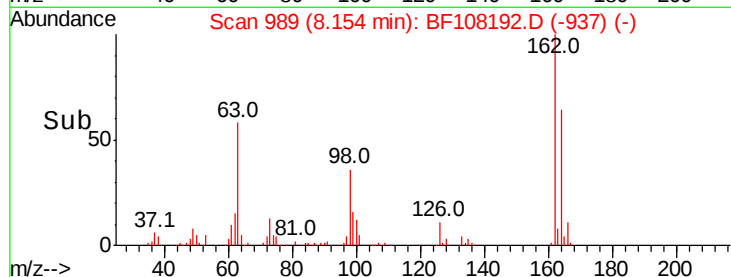
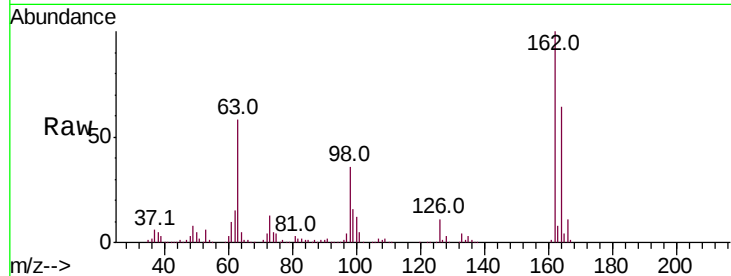
#29
2,4-Dichlorophenol
Concen: 42.845 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	42.7	82.7	
98	35.8	18.1	58.1	

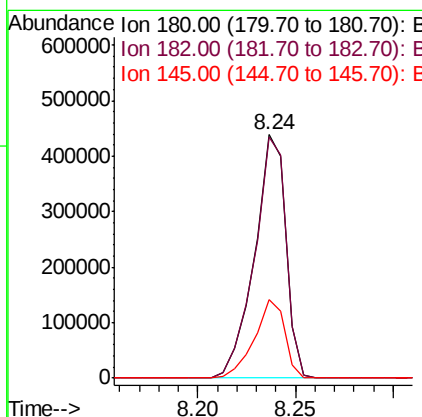
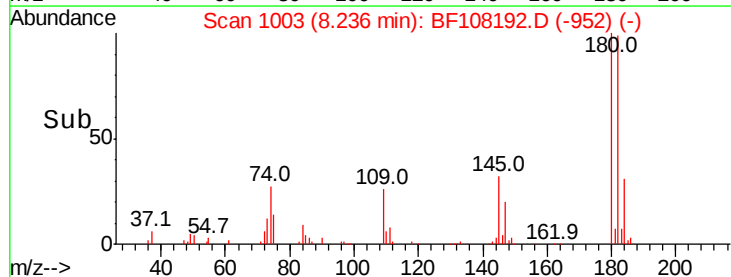
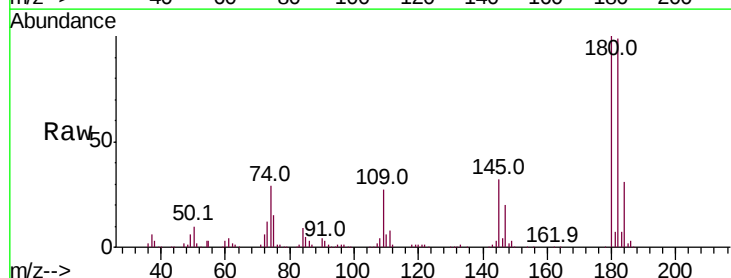
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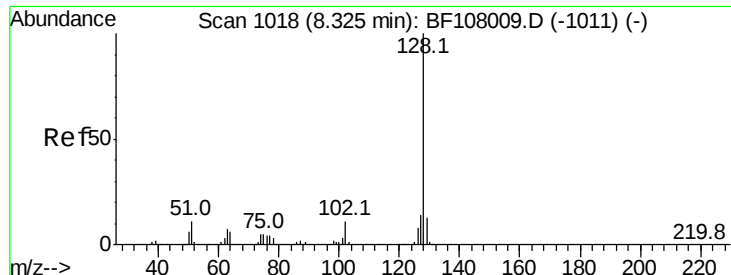
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.245 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.0	76.8	115.2	
145	32.3	26.5	39.7	





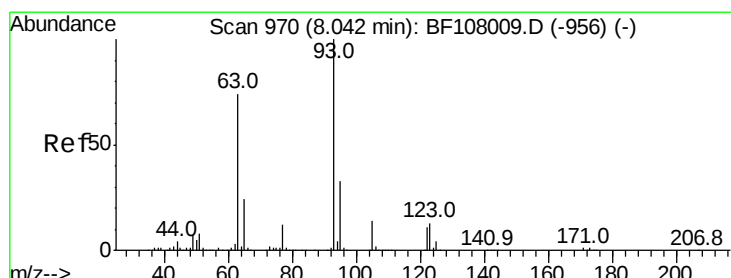
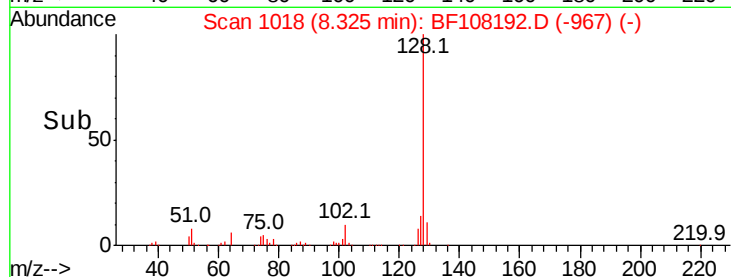
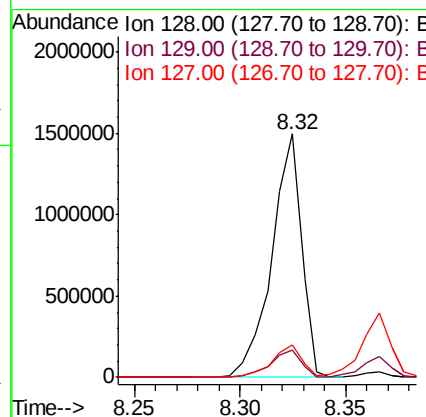
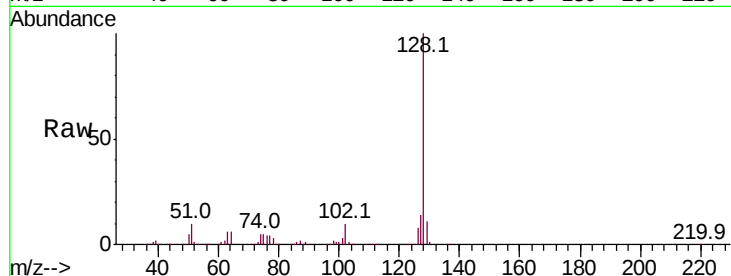
#31
Naphthalene
Concen: 42.214 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.6	10.9	16.3

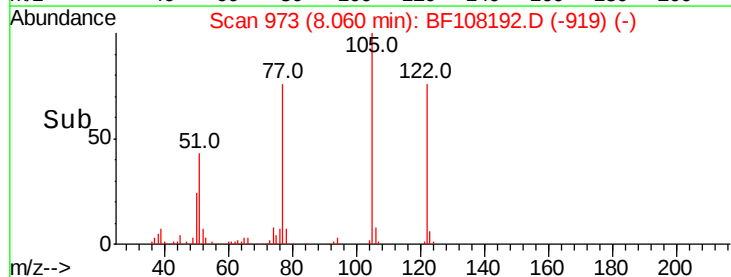
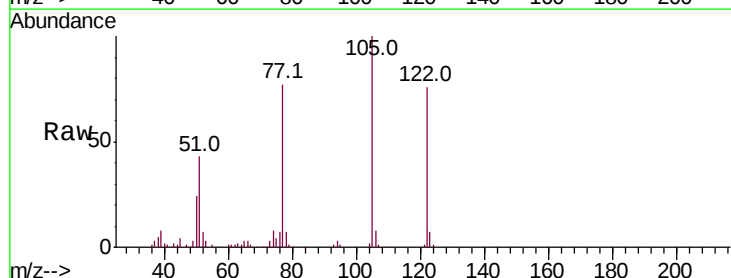
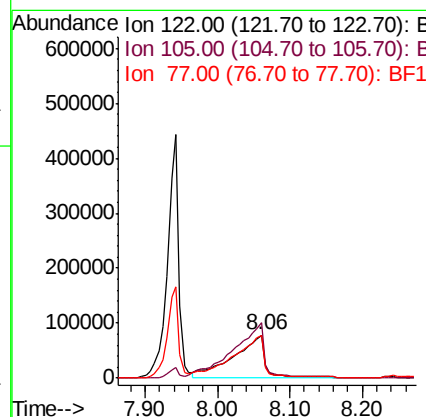
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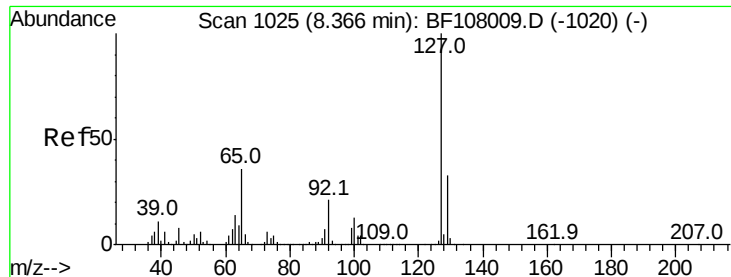
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#32
Benzoic acid
Concen: 36.788 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.1	101.1	141.1
77	101.2	70.7	110.7





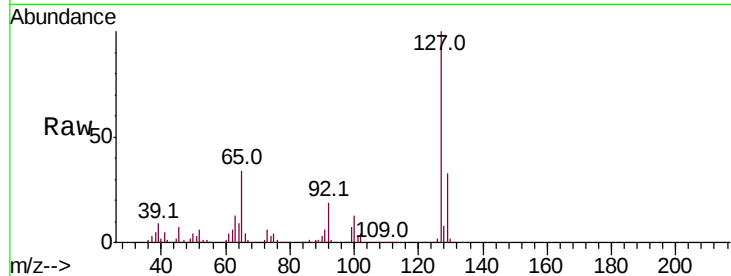
#33
4-Chloroaniline
Concen: 24.777 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	377704		
129	32.9	25.9	38.9	
65	33.8	25.0	37.4	
92	19.2	15.2	22.8	

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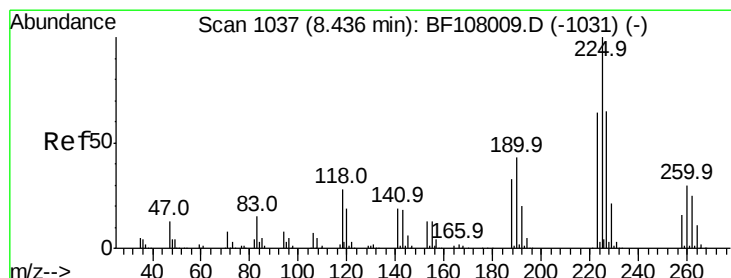
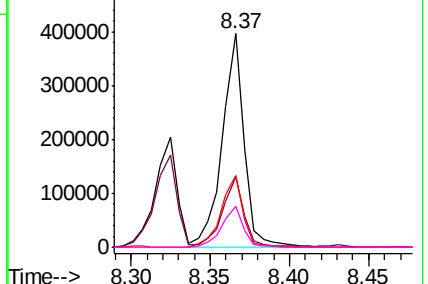
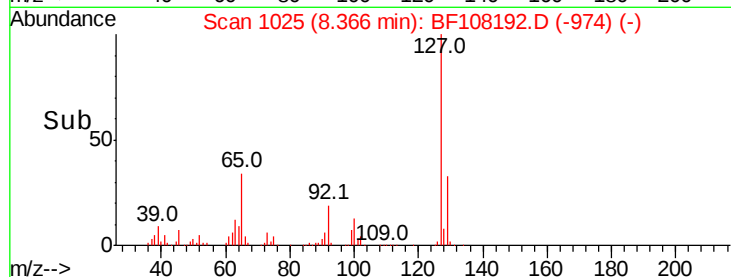
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

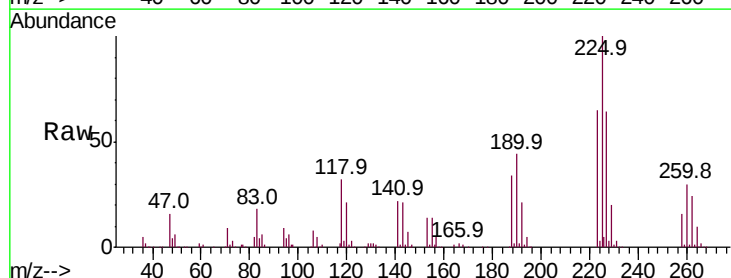
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.484 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	310705		
223	65.1	50.6	76.0	
227	64.3	51.9	77.9	

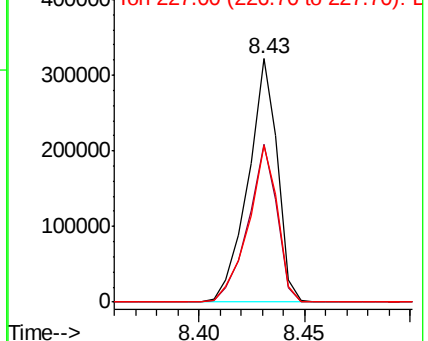
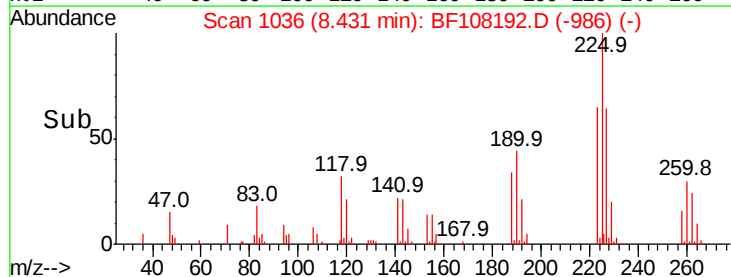


Abundance

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: 45.815 ng/ml

RT: 8.74 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleID :

PB112104BS

Tot Ion:113 Resp: 154065

Ion Ratio Lower Upper

113 100

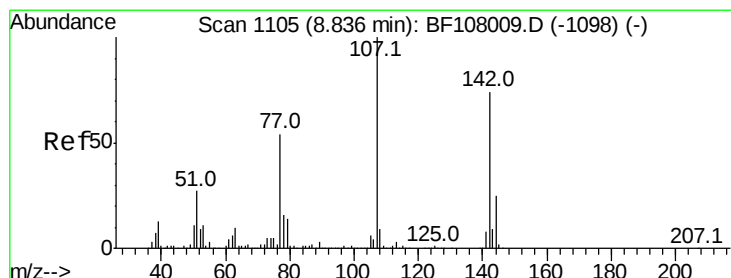
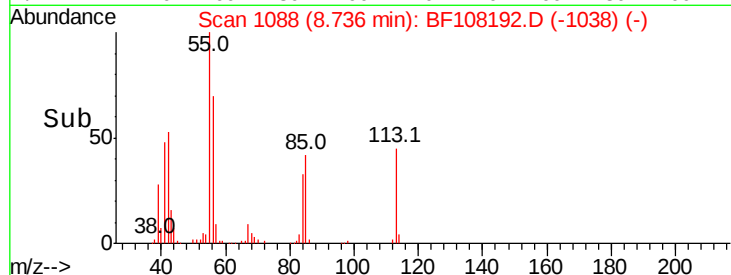
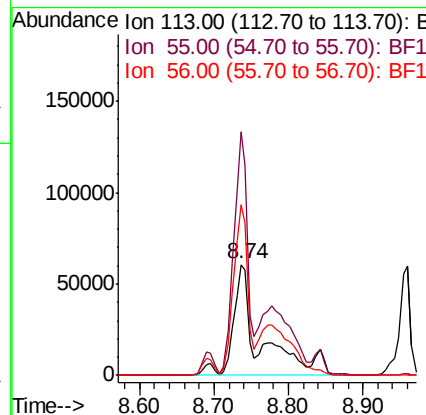
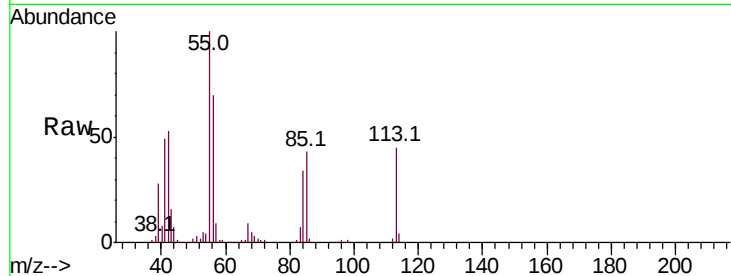
55 220.2 163.3 203.3#

56 154.9 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 40.958 ng/ml

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

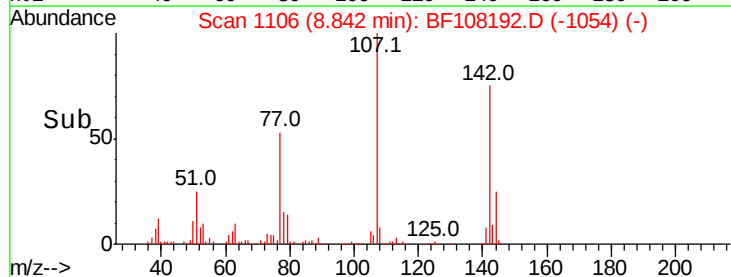
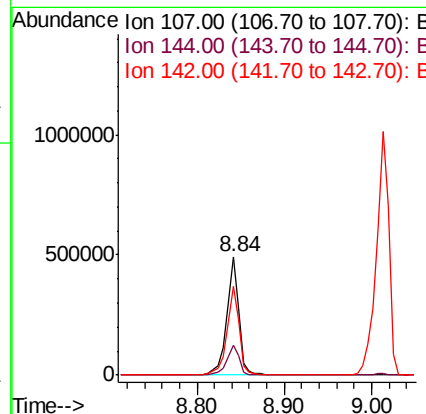
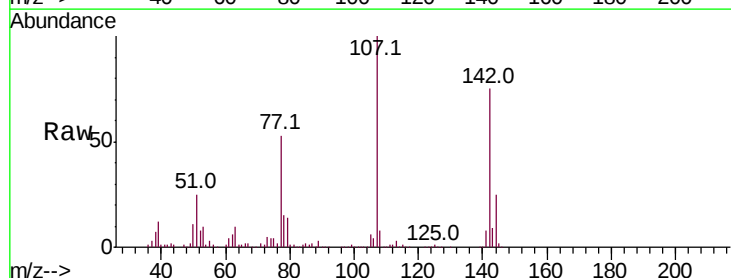
Tgt Ion:107 Resp: 474146

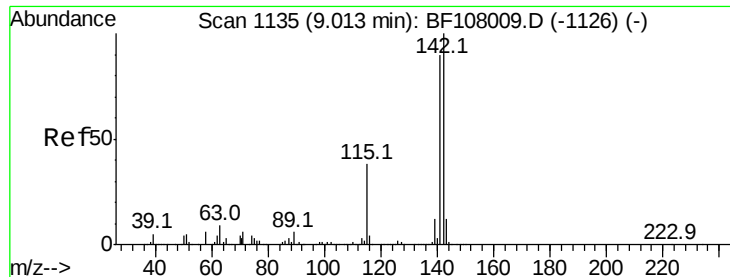
Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

142 74.8 62.0 93.0





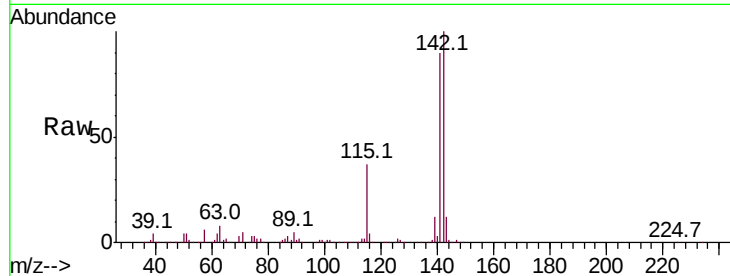
#37
2-Methylnaphthalene
Concen: 41.008 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	36.6	26.1	39.1

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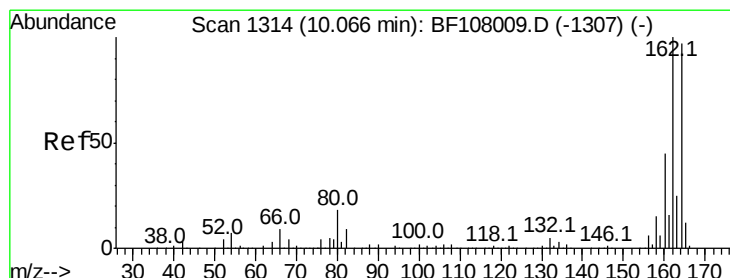
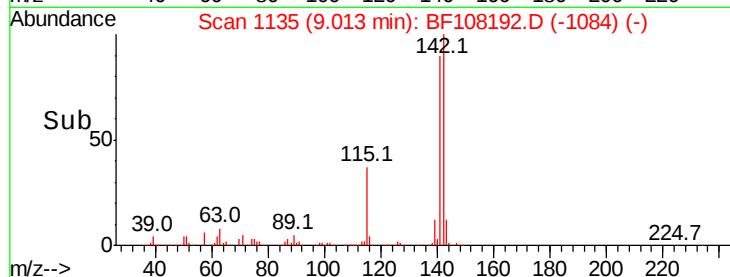
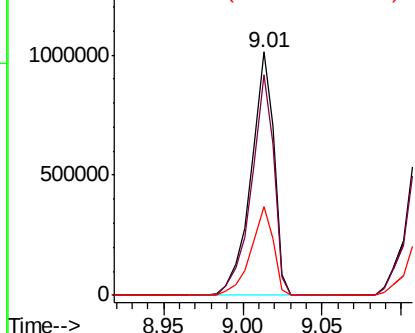


Abundance

Ion 142.00 (141.70 to 142.70): E

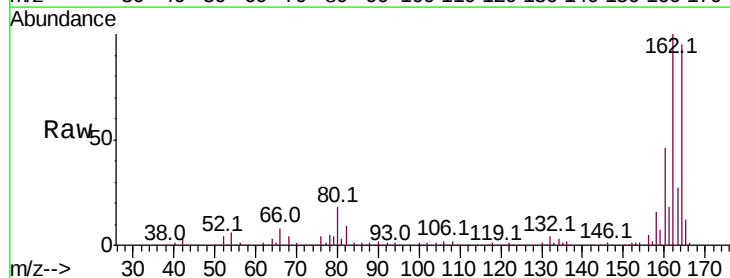
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.9	38.3	57.5

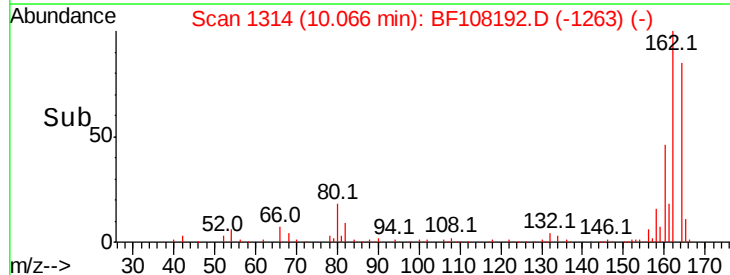
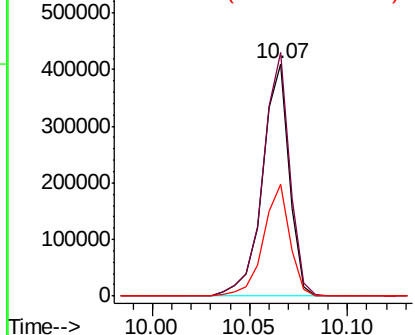


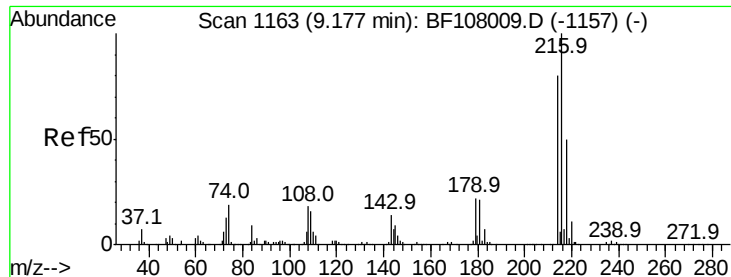
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





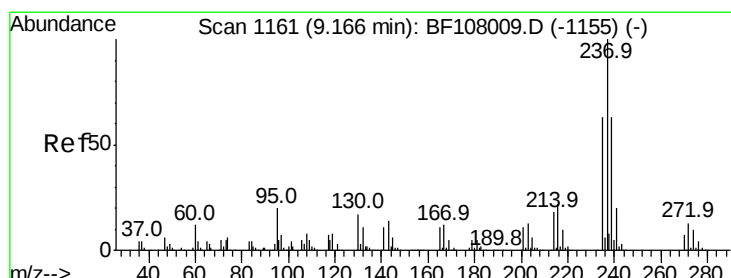
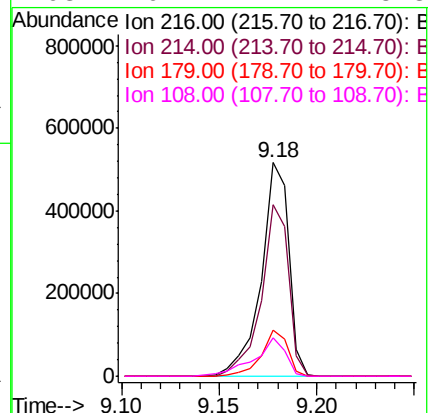
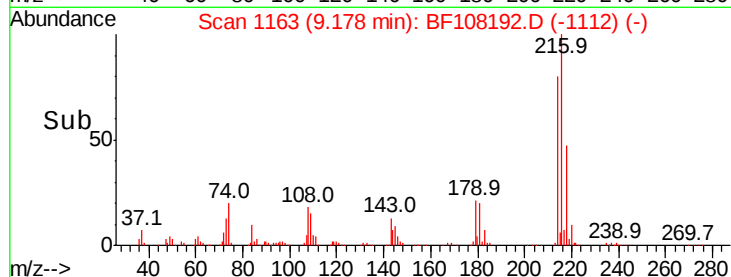
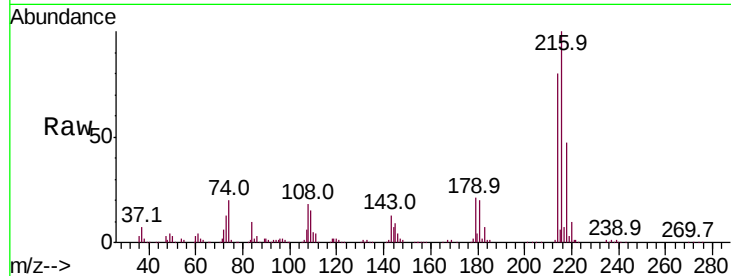
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.550 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.6	18.1	27.1
108	20.4	17.2	25.8

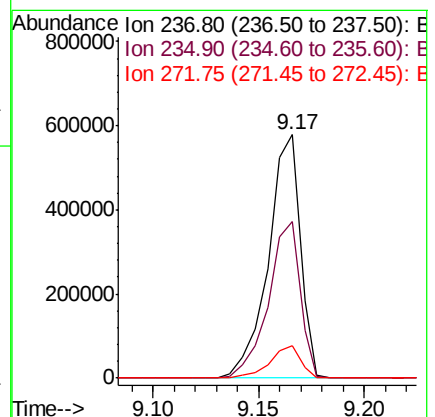
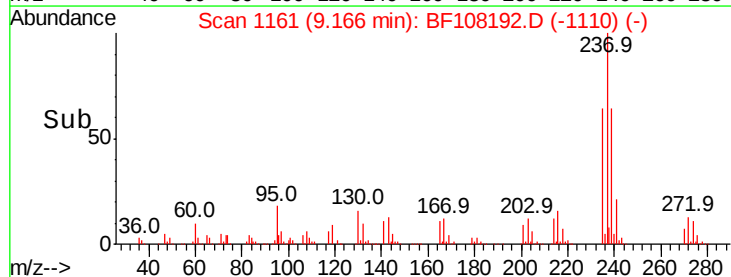
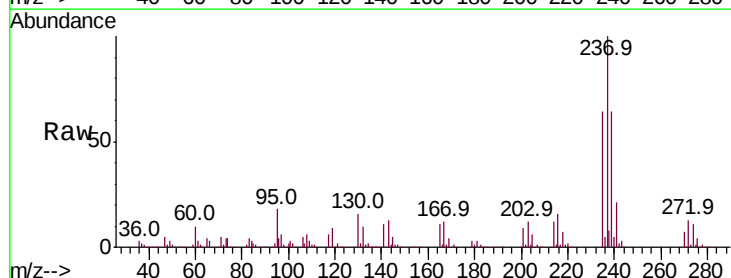
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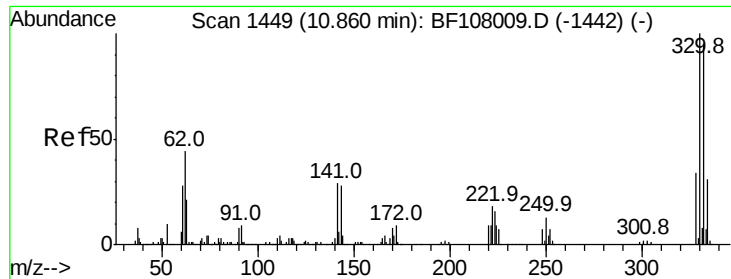
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#40
 Hexachlorocyclopentadiene
 Concen: 79.167 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.3	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 154.684 ng

RT: 10.86 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

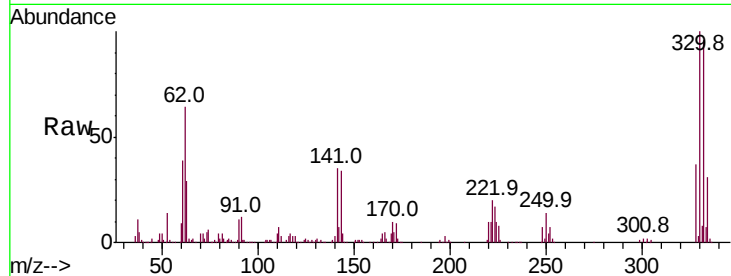
ClientSampleId :

PB112104BS

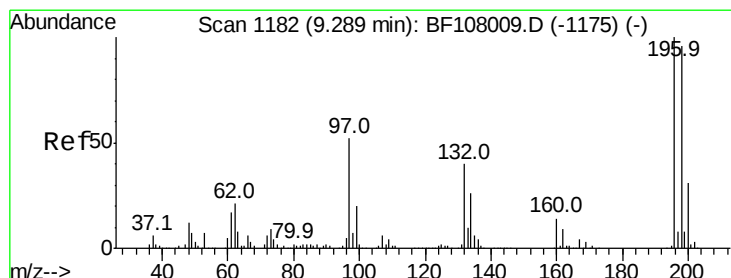
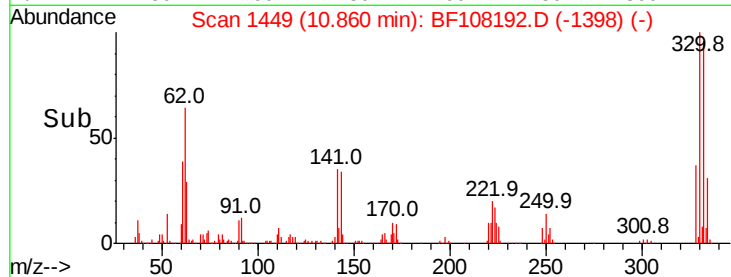
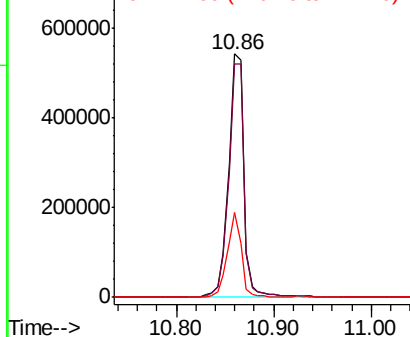
Tot Ion:	330	Resp:	598896
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.6
141	32.1	29.9	44.9

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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: 45.559 ng

RT: 9.29 min Scan# 1182

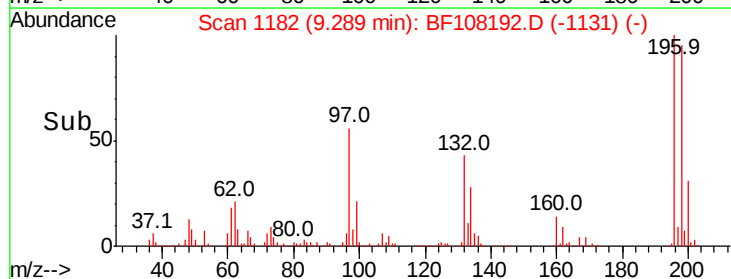
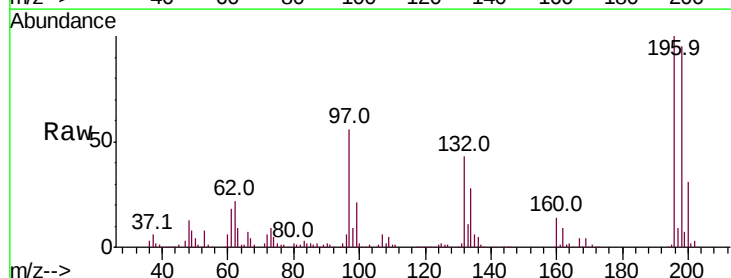
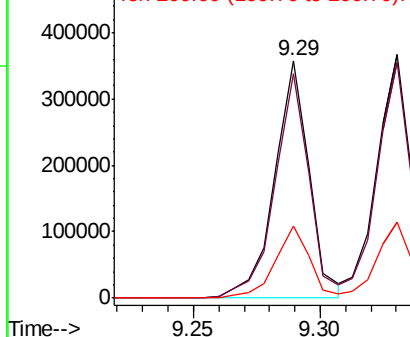
Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion:	196	Resp:	336994
Ion Ratio	Lower	Upper	
196	100		
198	94.7	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





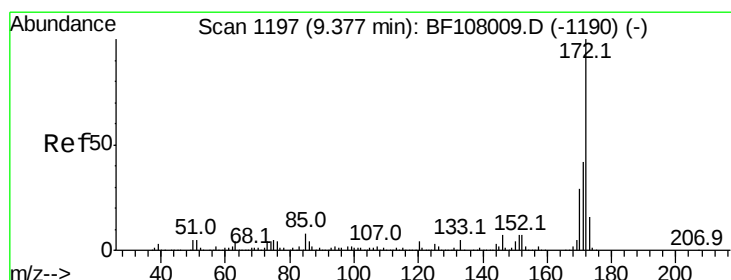
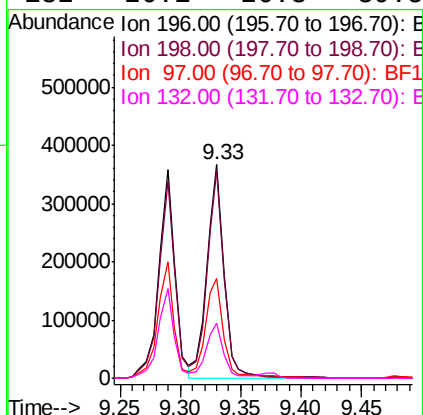
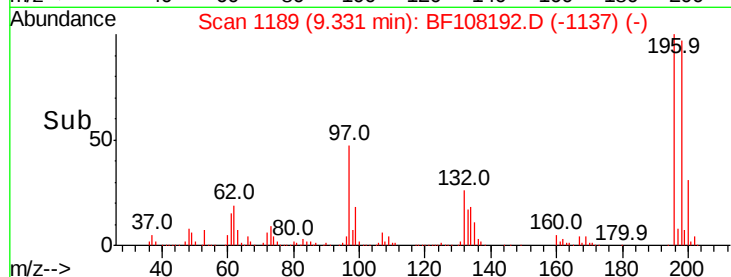
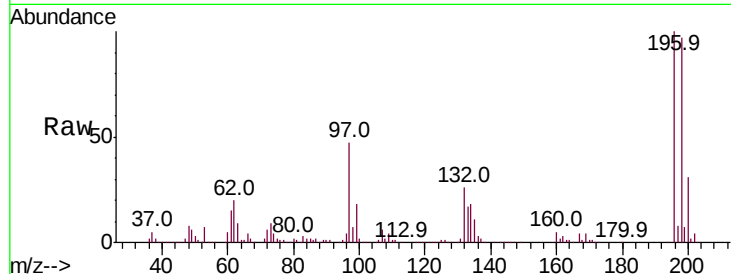
#43
 2,4,5-Trichlorophenol
 Concen: 44.137 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	359392		
198	96.9	74.6	112.0	
97	46.9	42.9	64.3	
132	26.1	26.3	39.5#	

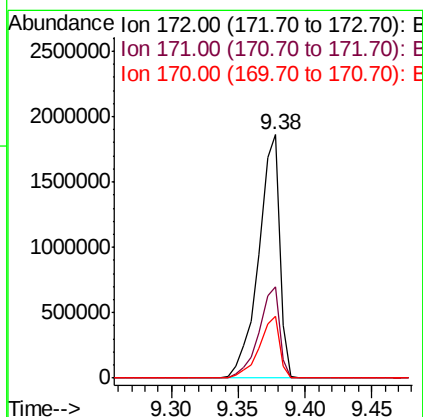
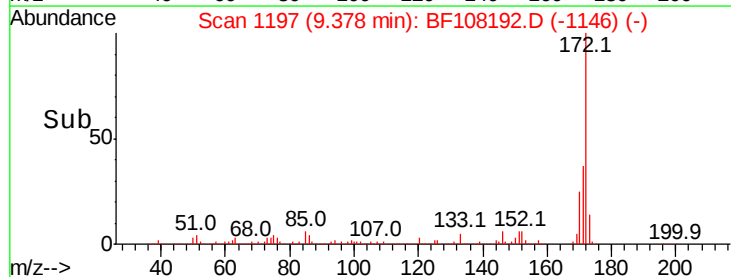
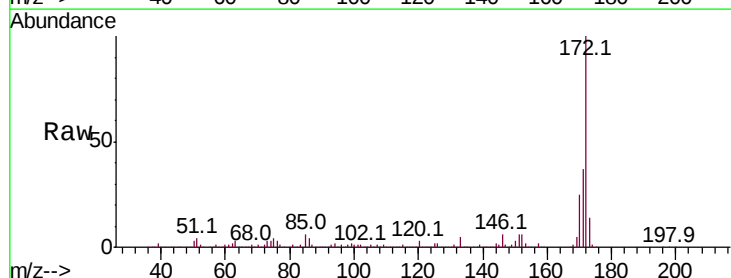
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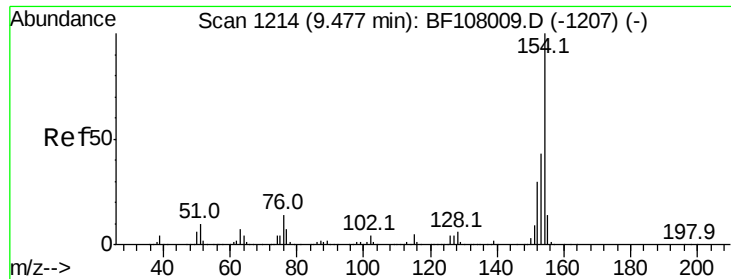
Sohil
 8/17/2018 3:30:33 PM



#44
 2-Fluorobiphenyl
 Concen: 83.103 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2009164		
171	37.5	29.7	44.5	
170	25.4	19.6	29.4	





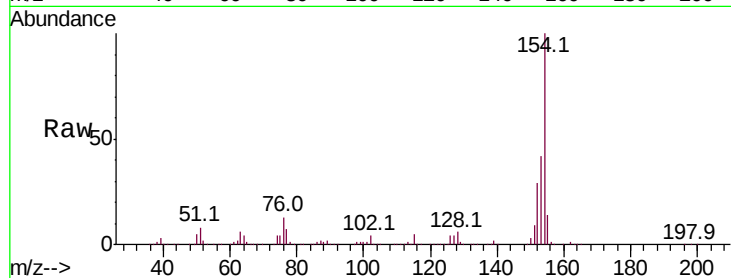
#45
 1,1'-Biphenyl
 Concen: 42.920 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	13.2	0.0	34.0

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Sohil
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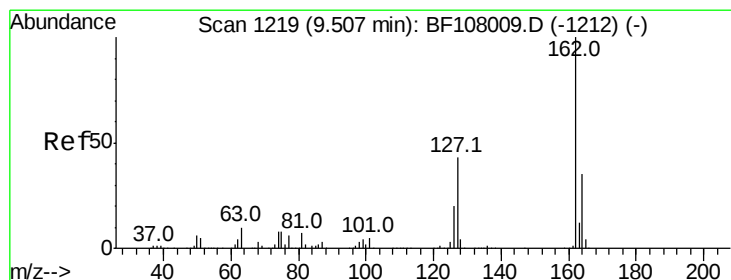
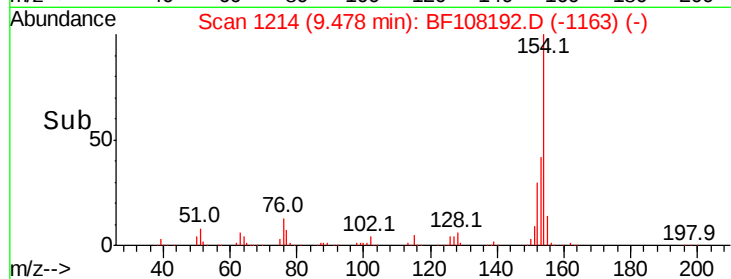
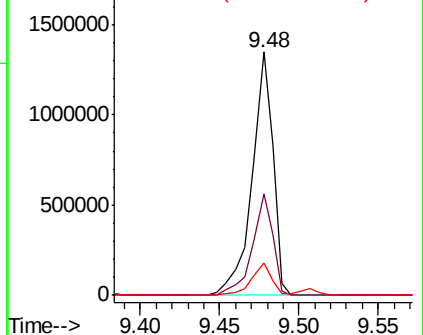


Abundance

Ion 154.00 (153.70 to 154.70): E

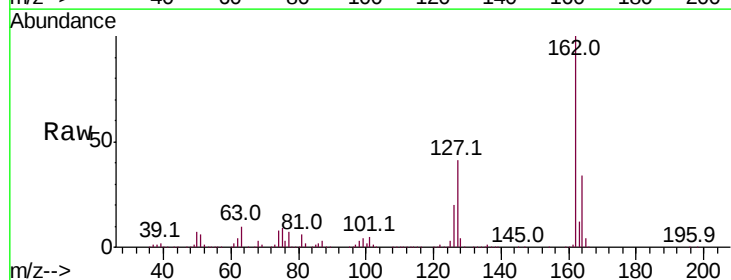
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 41.996 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.9	50.9
164	34.2	26.5	39.7

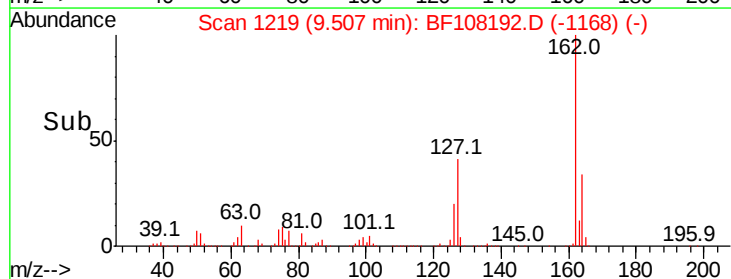
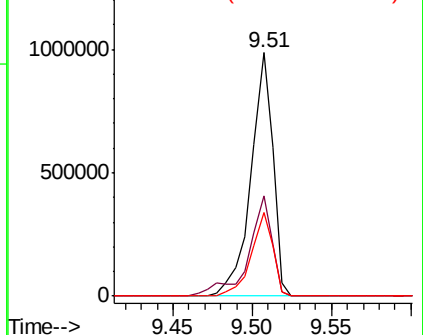


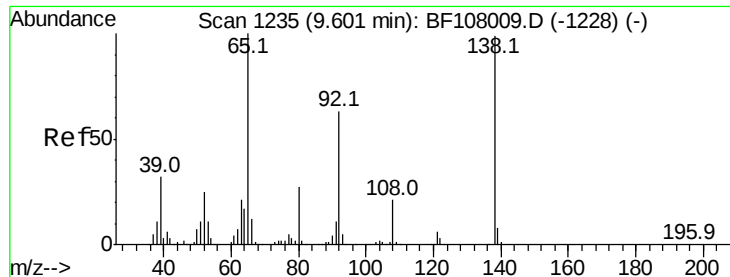
Abundance

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





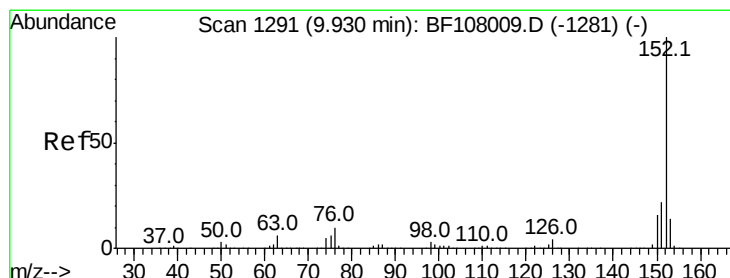
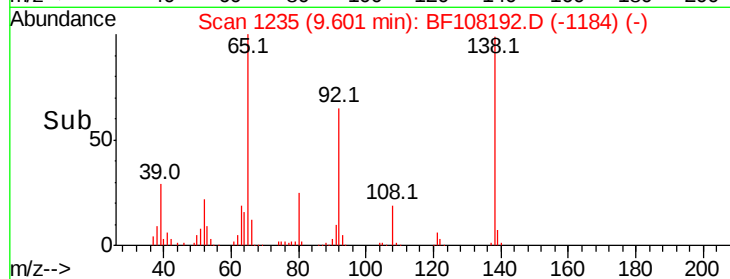
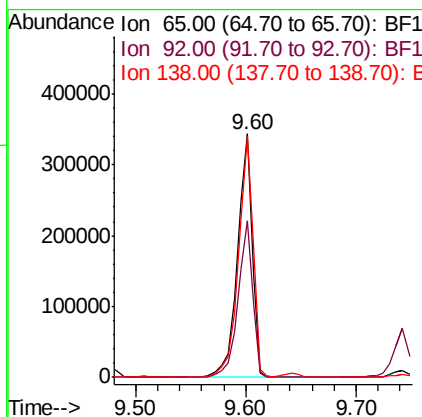
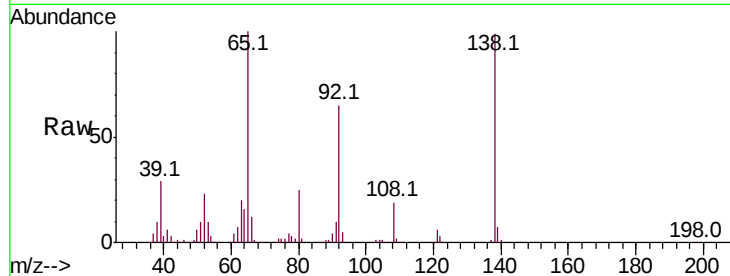
#47
2-Nitroaniline
Concen: 44.218 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	55.8	83.6
138	99.0	91.2	136.8

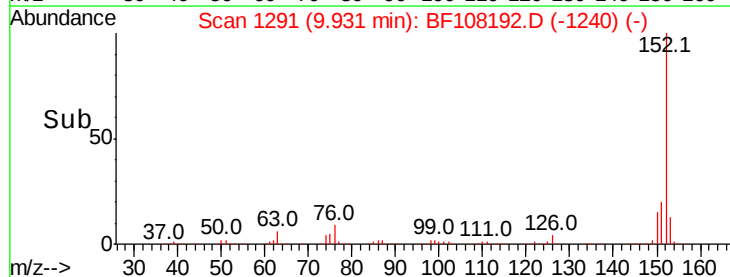
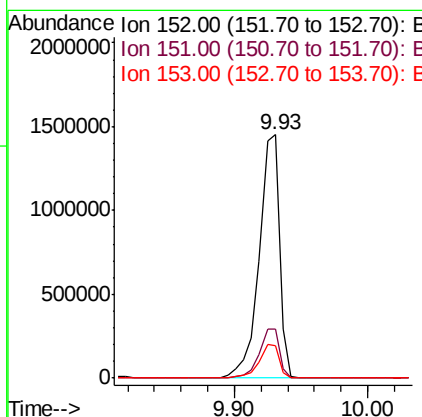
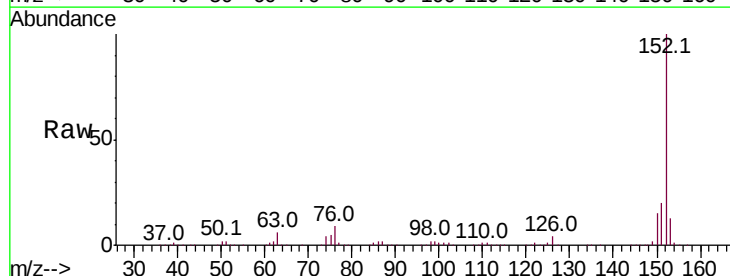
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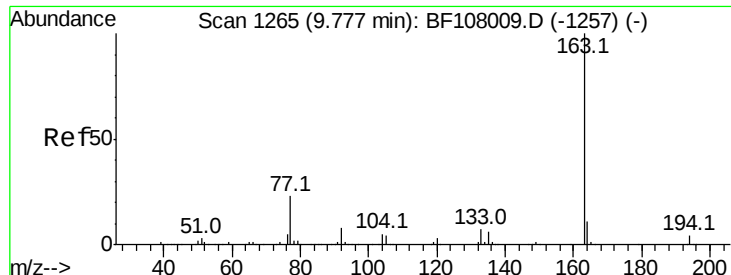
Sohil
8/17/2018 3:30:33 PM



#48
Acenaphthylene
Concen: 42.411 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.7	16.1





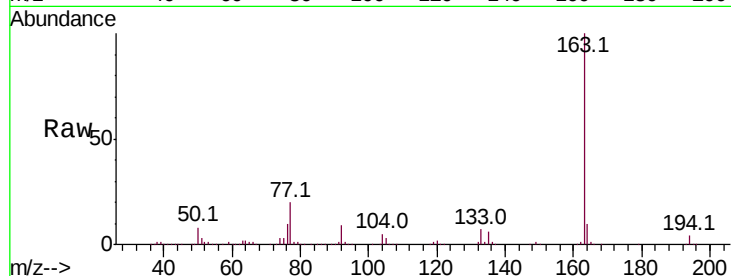
#49
 Dimethylphthalate
 Concen: 41.231 ng
 RT: 9.78 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

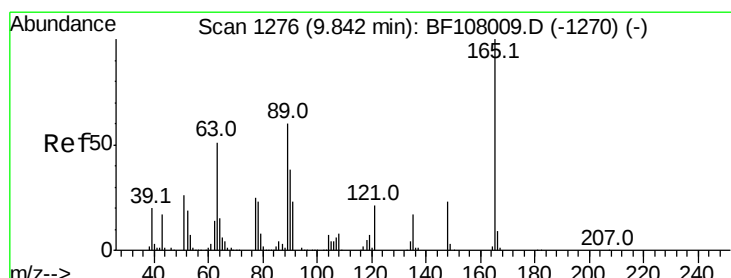
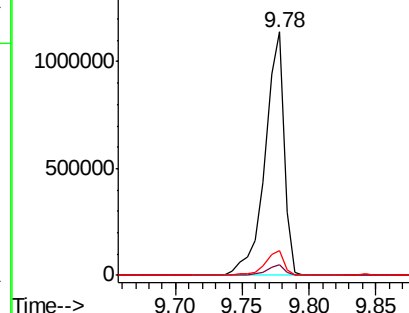
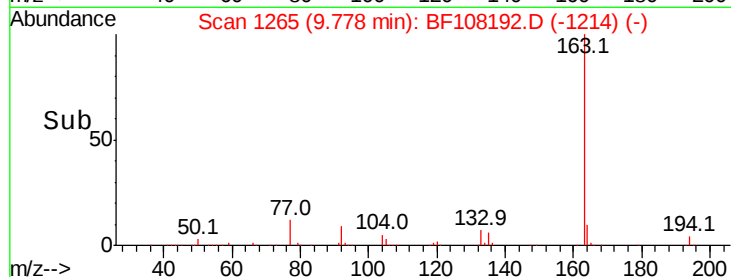
Tot Ion	163	Resp	1114803
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.7	4.1#
164	10.2	8.2	12.2

Manual Integrations
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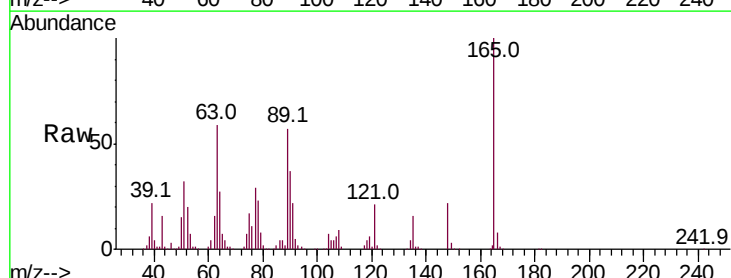


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

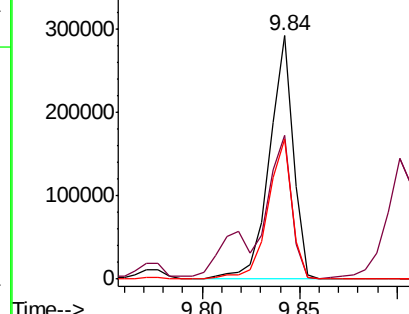
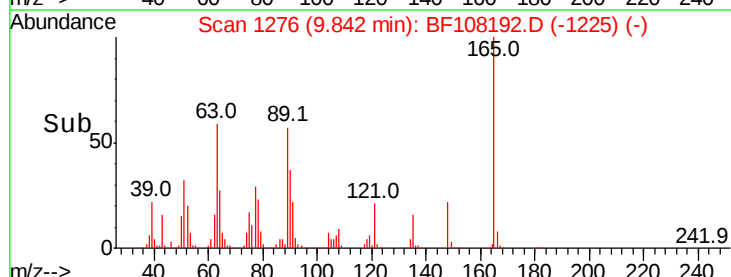


#50
 2,6-Dinitrotoluene
 Concen: 43.636 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	165	Resp	246844
Ion Ratio	Lower	Upper	
165	100		
63	59.2	44.7	67.1
89	57.3	44.0	66.0



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





#51

Acenaphthene

Concen: 45.368 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112104BS

Tot Ion:154 Resp: 993663

Ion Ratio Lower Upper

154 100

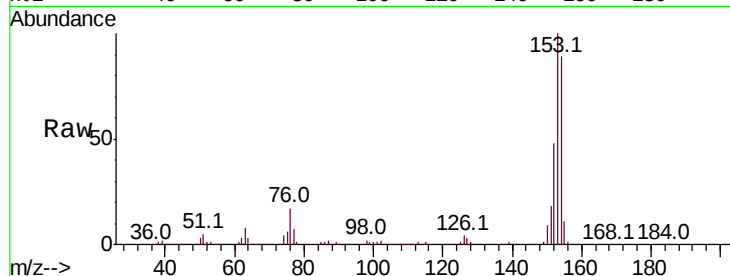
153 112.2 91.2 136.8

152 54.3 43.8 65.8

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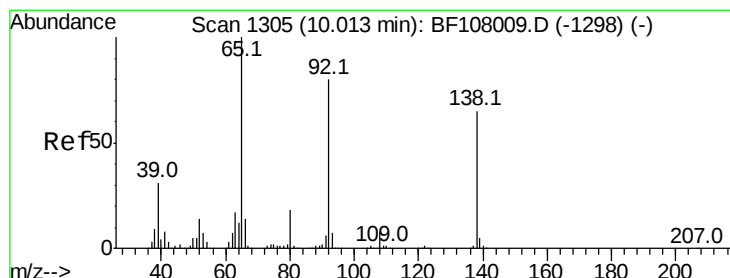
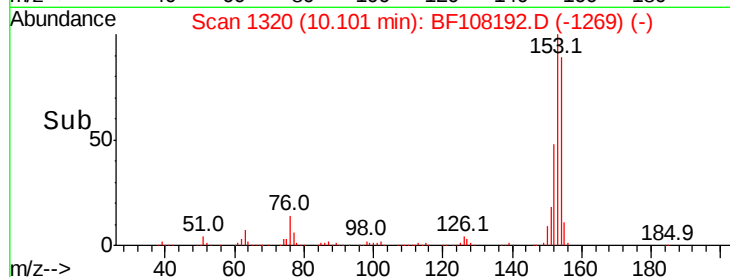
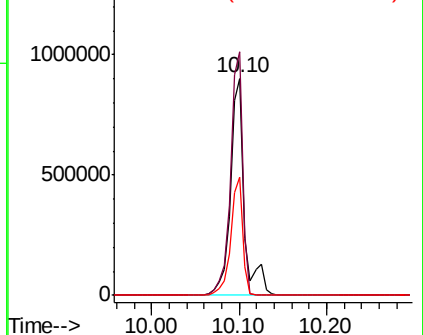
8/17/2018 3:30:33 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.521 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

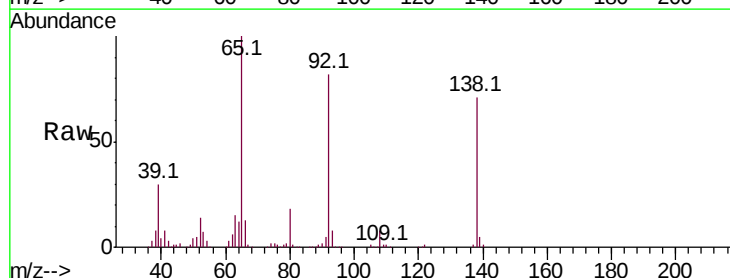
Tgt Ion:138 Resp: 188905

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

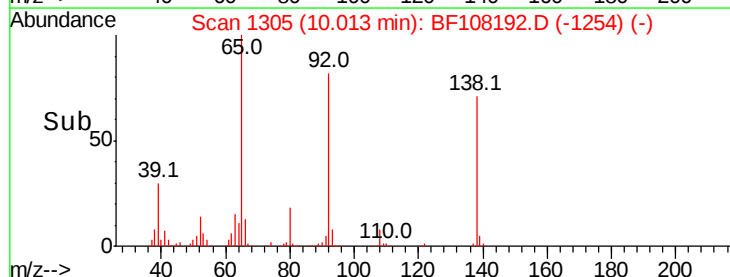
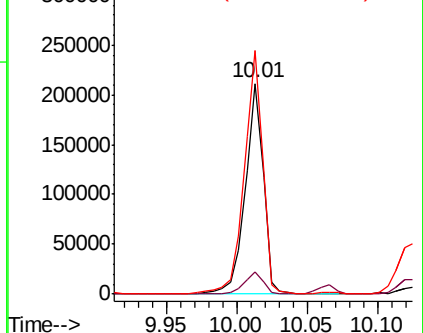
92 115.6 89.4 134.2

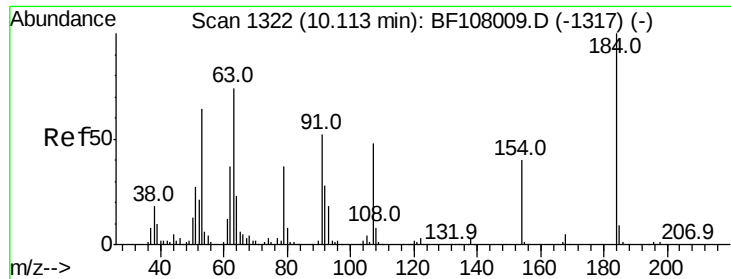


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





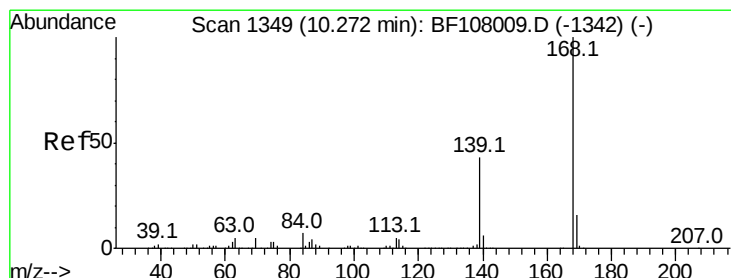
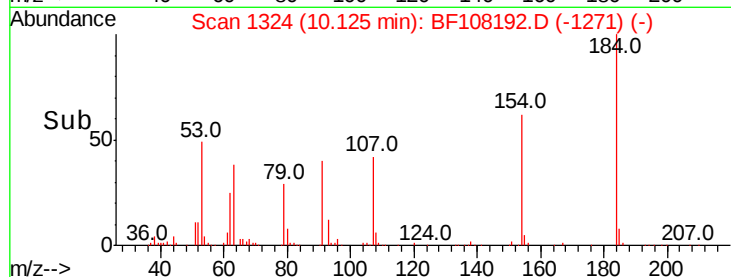
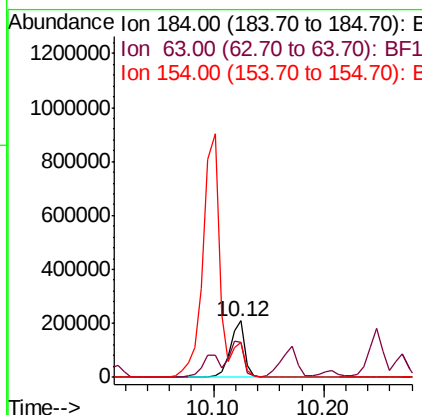
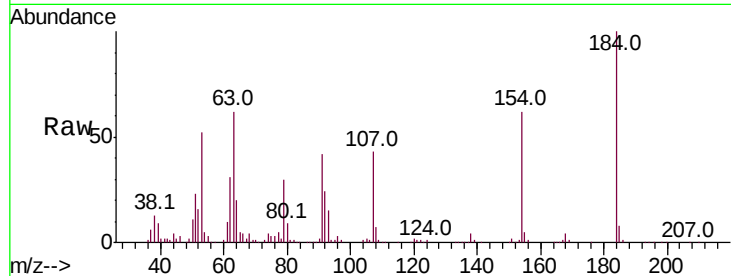
#53
 2,4-Dinitrophenol
 Concen: 91.439 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.3	54.2	81.2
154	62.4	184.0	276.0#

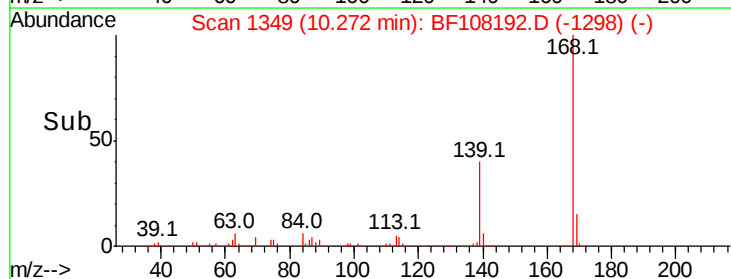
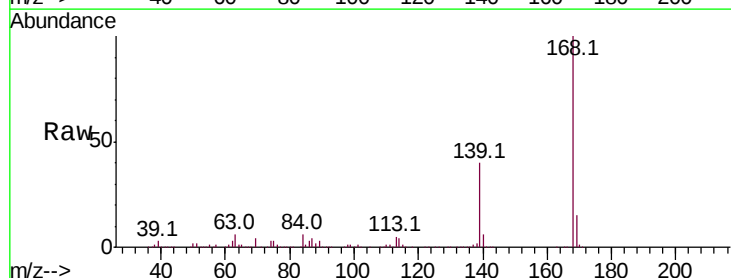
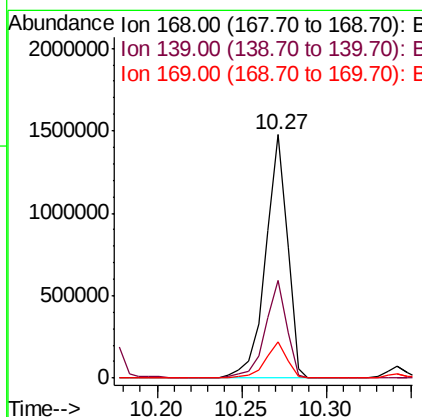
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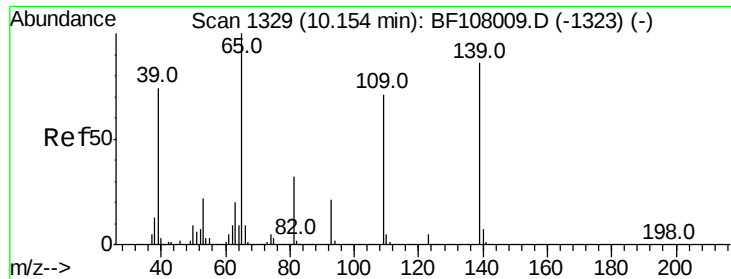
Sohil
 8/17/2018 3:30:33 PM



#54
 Dibenzofuran
 Concen: 41.493 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	15.0	10.9	16.3





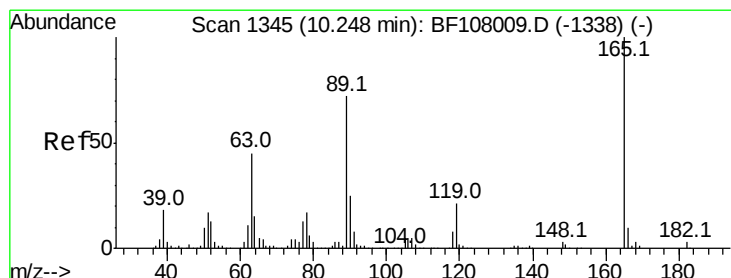
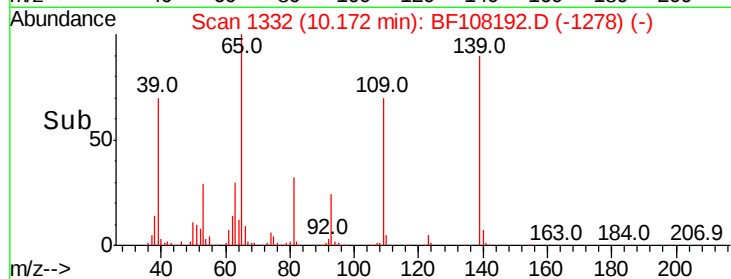
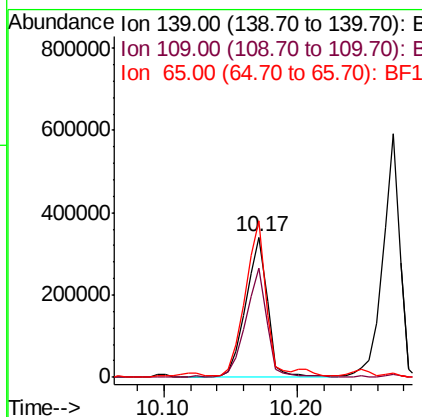
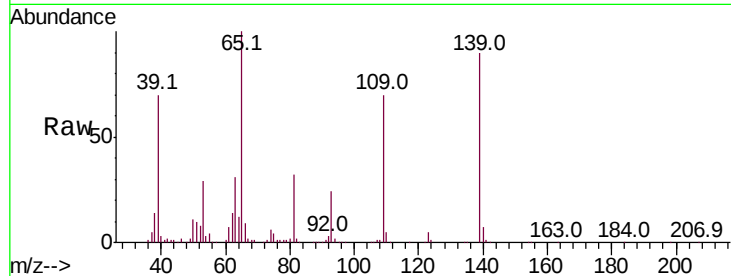
#55
4-Nitrophenol
Concen: 80.612 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.8	48.4	88.4
65	111.1	72.6	112.6

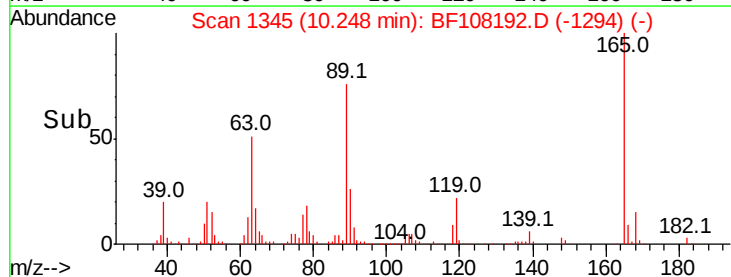
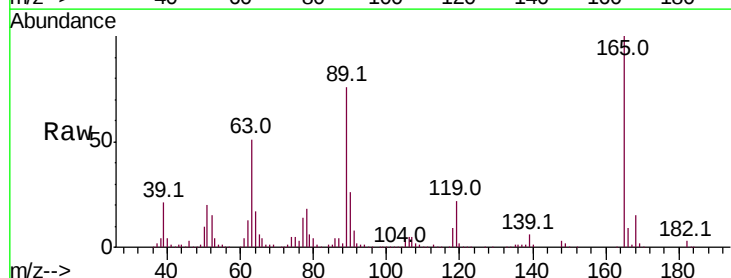
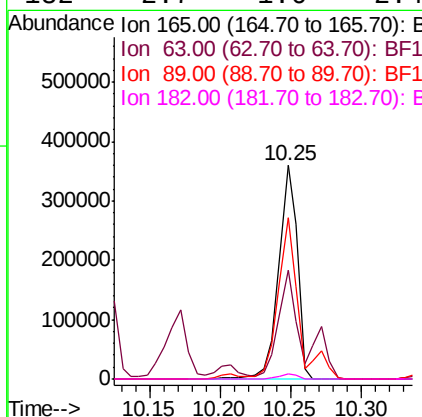
Manual Integrations
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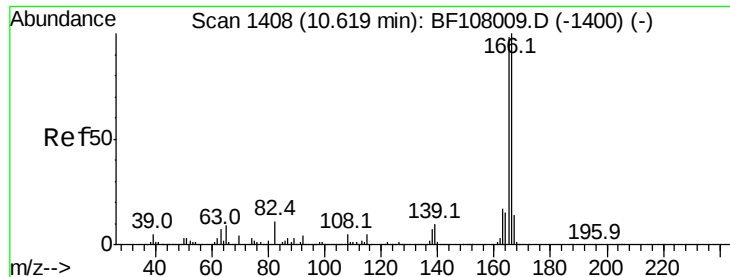
Sohil
8/17/2018 3:30:33 PM



#56
2,4-Dinitrotoluene
Concen: 45.693 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	36.4	54.6
89	75.5	57.8	86.6
182	2.7	1.6	2.4#





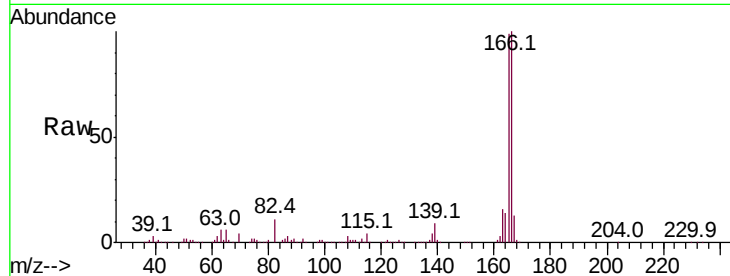
#57
 Fluorene
 Concen: 41.387 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampled :
 PB112104BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
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Sohil
 8/17/2018 3:30:33 PM

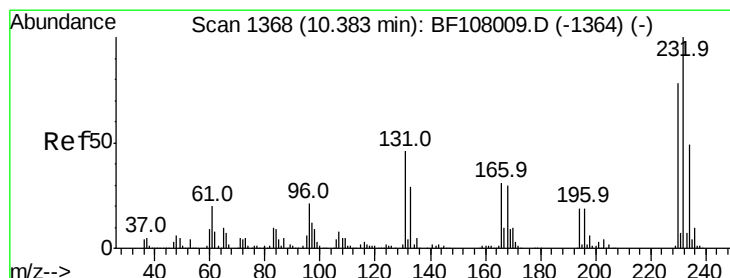
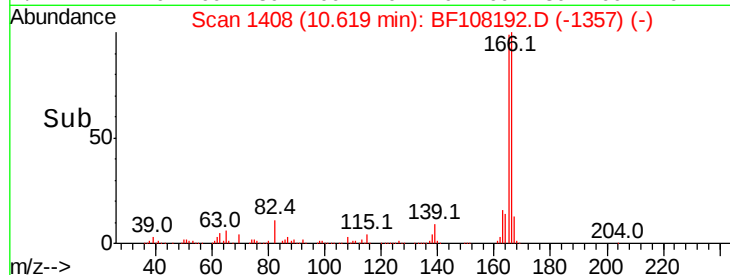
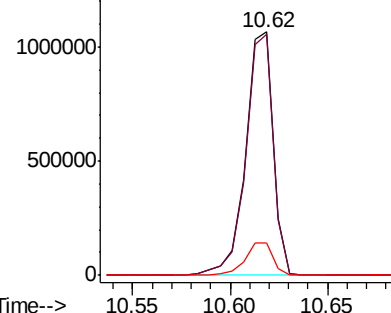


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.751 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.2	43.8	65.8#
130	2.2	2.1	3.1
166	28.6	27.8	41.6

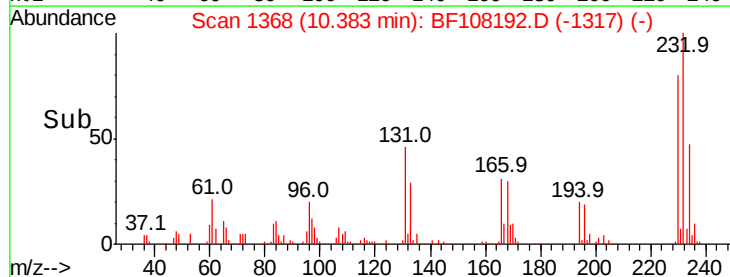
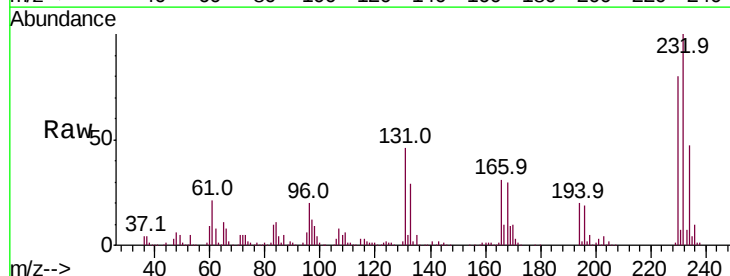
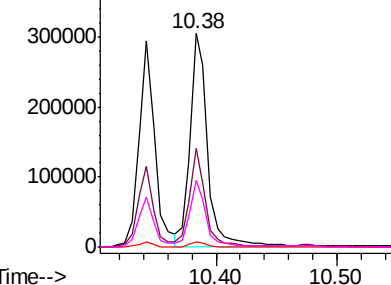
Abundance

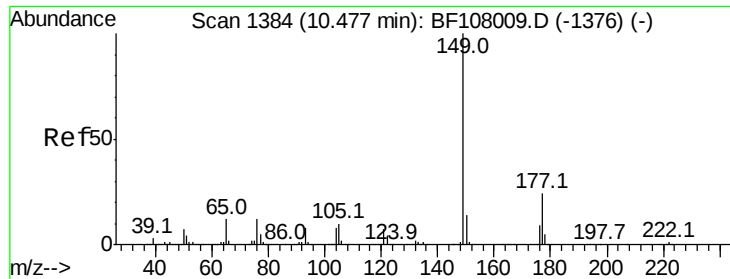
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





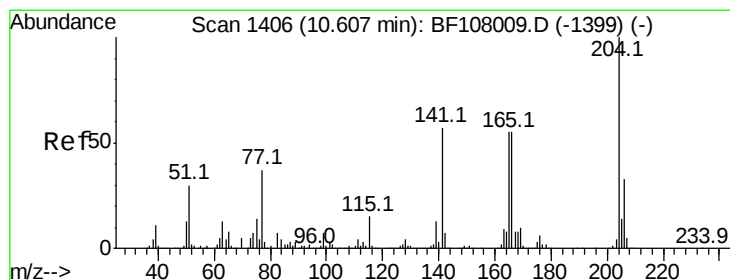
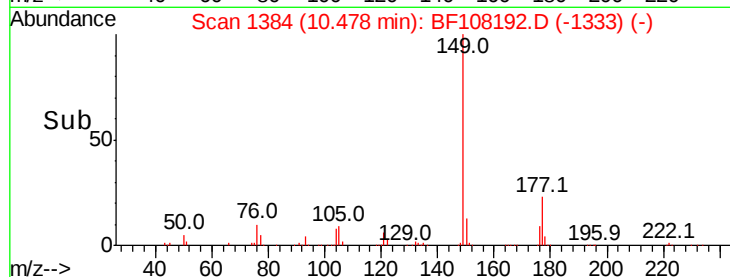
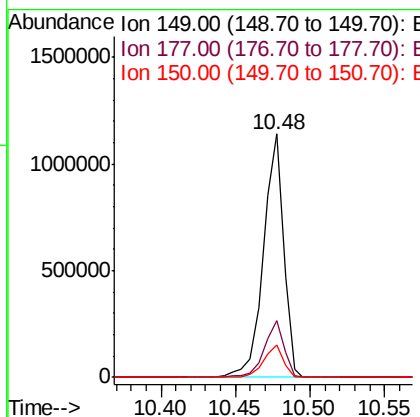
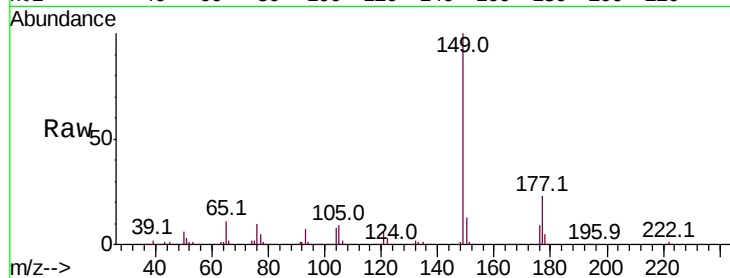
#59
Diethylphthalate
Concen: 40.275 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	16.1	24.1
150	13.1	10.1	15.1

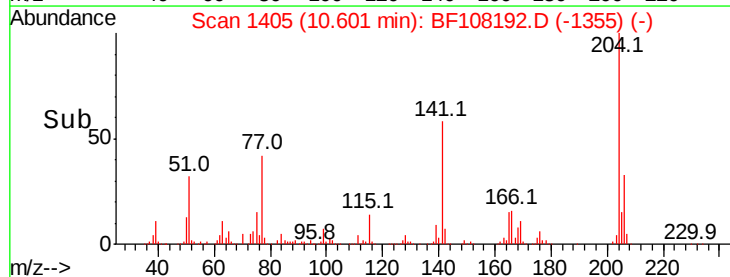
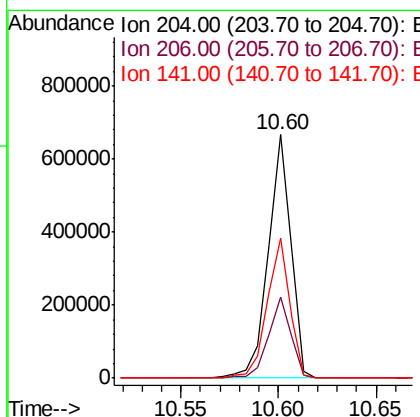
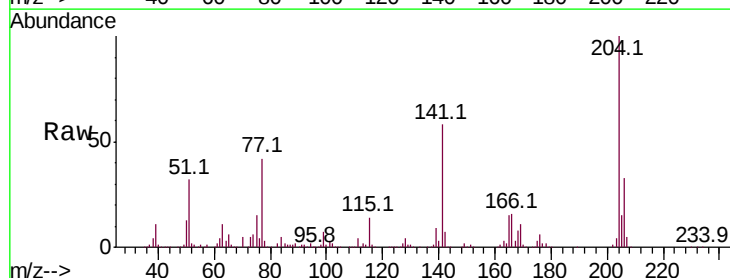
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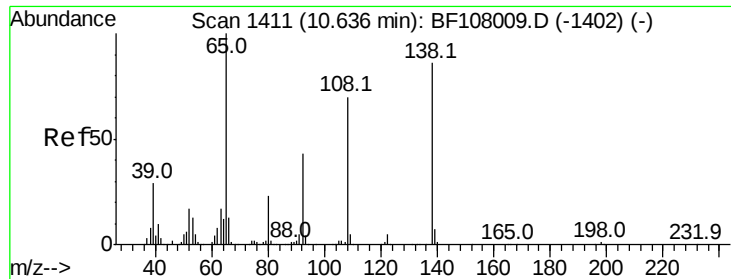
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#60
4-Chlorophenyl-phenylether
Concen: 40.951 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	57.7	54.6	81.8





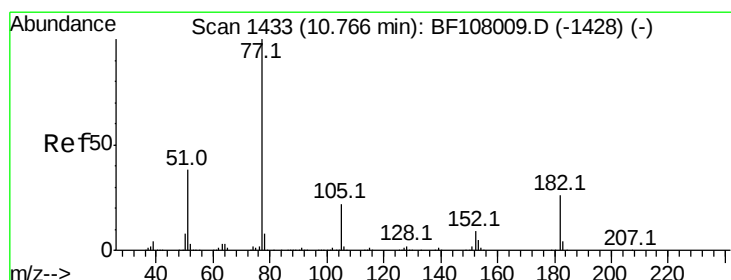
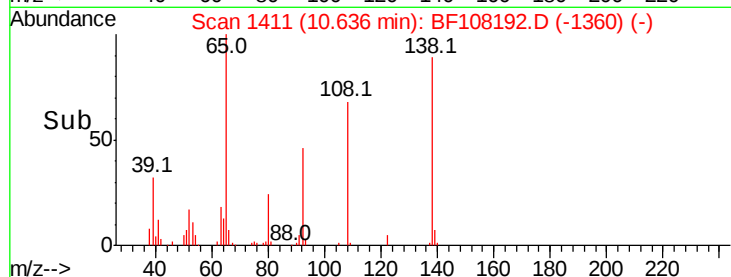
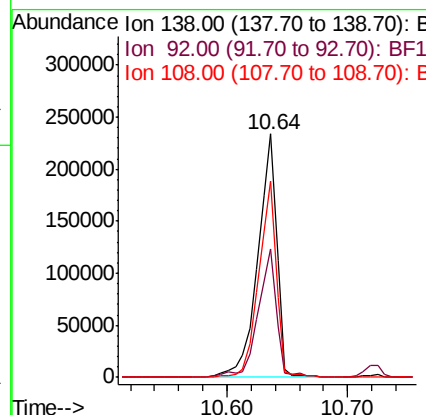
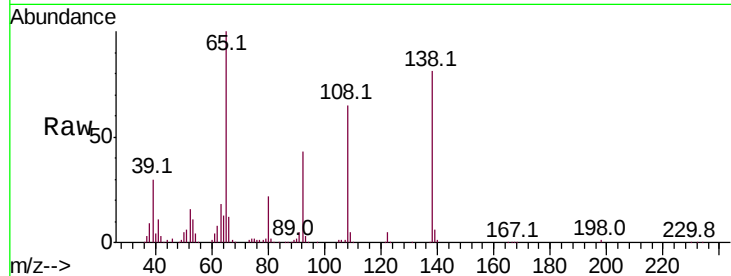
#61
4-Nitroaniline
Concen: 42.307 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	80.5	52.5	92.5

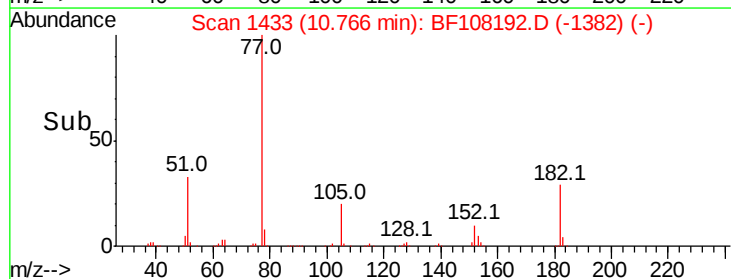
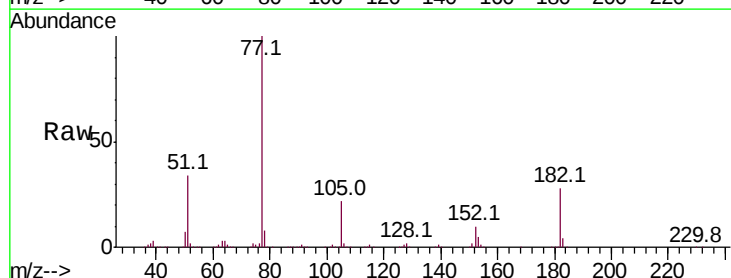
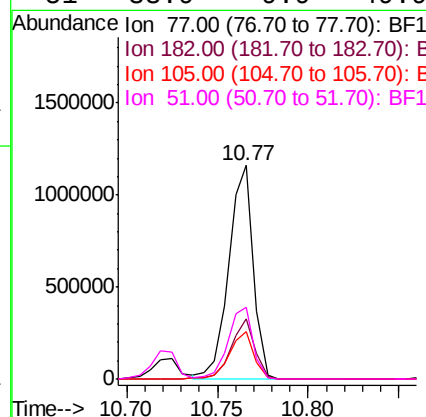
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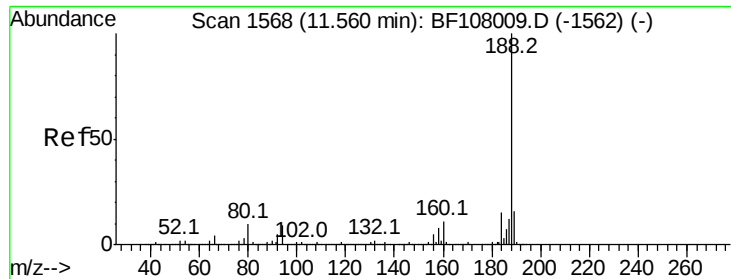
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#62
Azobenzene
Concen: 40.251 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	22.0	3.0	43.0
51	33.9	9.9	49.9





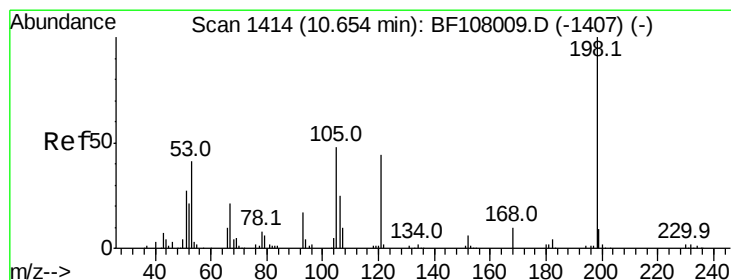
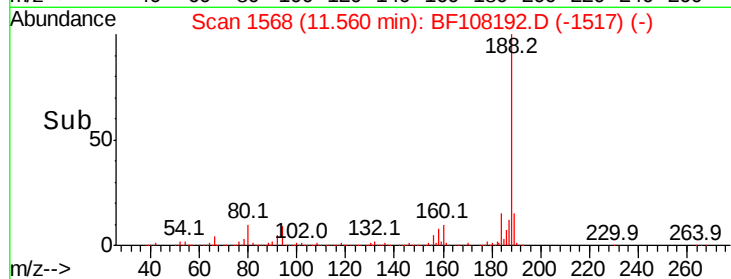
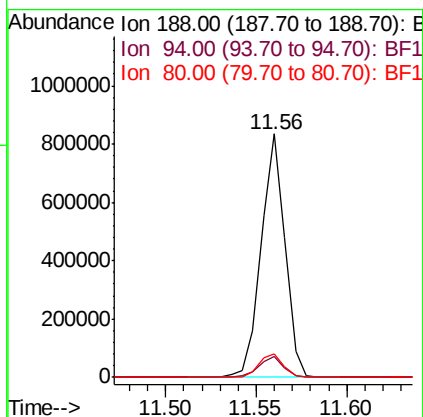
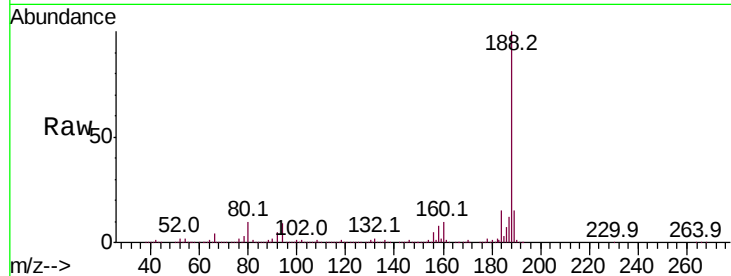
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8

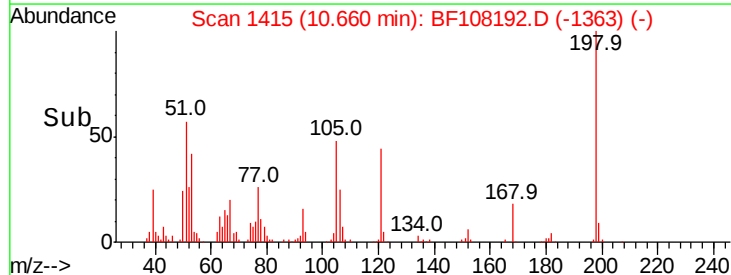
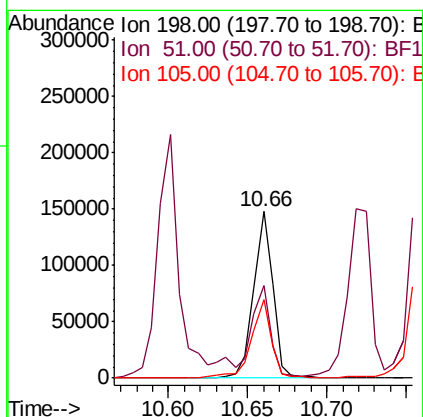
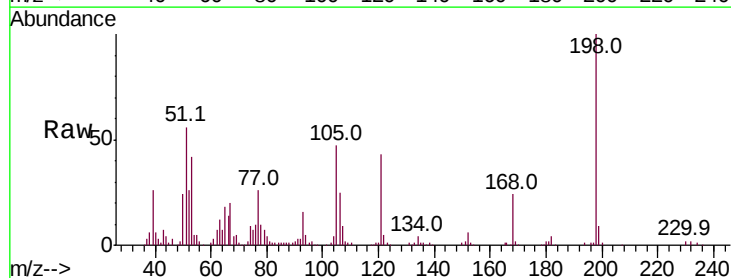
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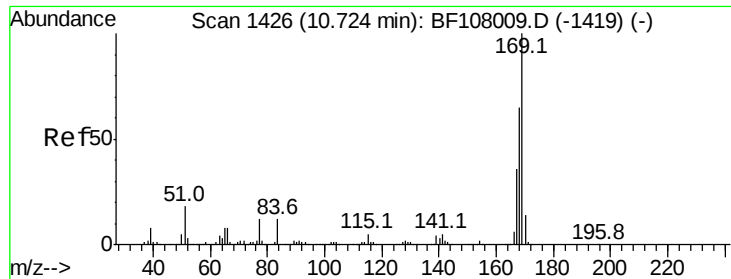
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.137 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	55.9	37.7	77.7
105	46.9	36.3	76.3





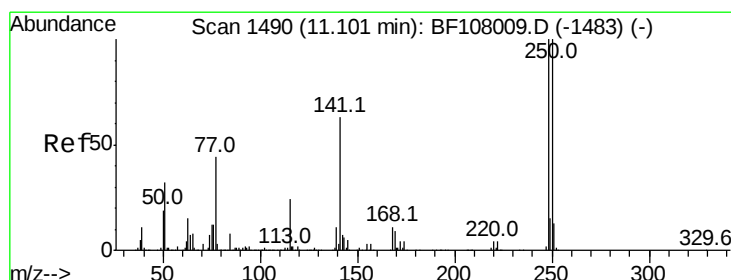
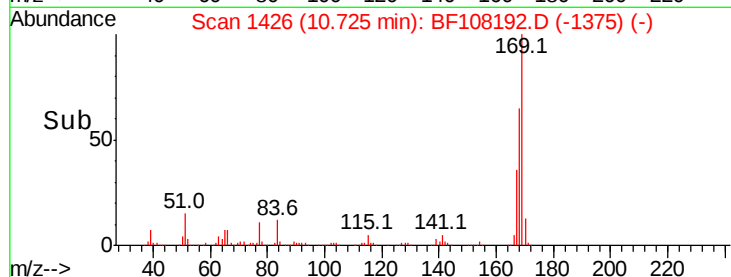
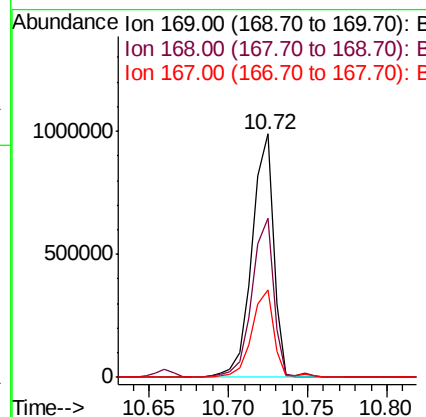
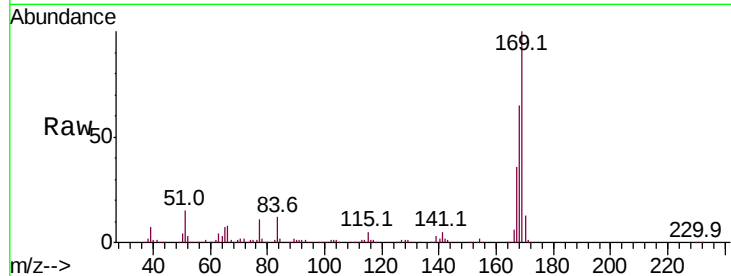
#65
n-Nitrosodiphenylamine
Concen: 41.575 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.2	54.4	81.6	
167	36.0	29.8	44.6	

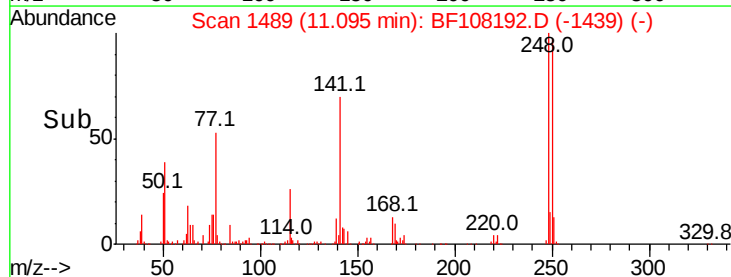
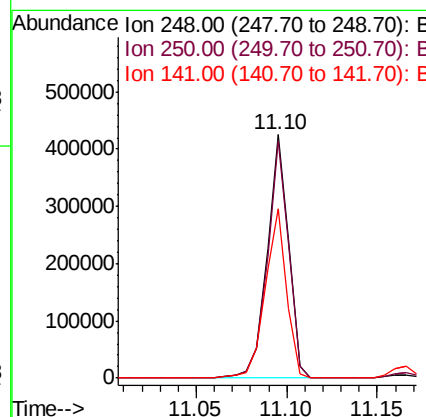
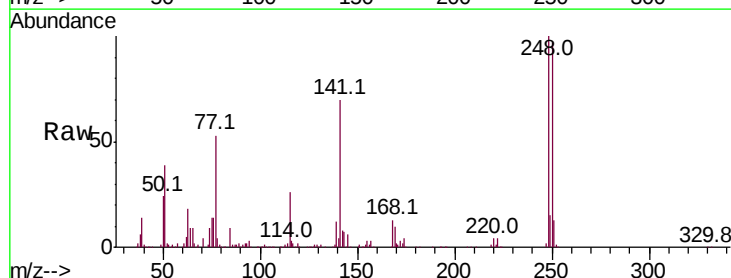
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#66
4-Bromophenyl-phenylether
Concen: 42.020 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.4	76.9	115.3	
141	69.6	74.4	111.6	





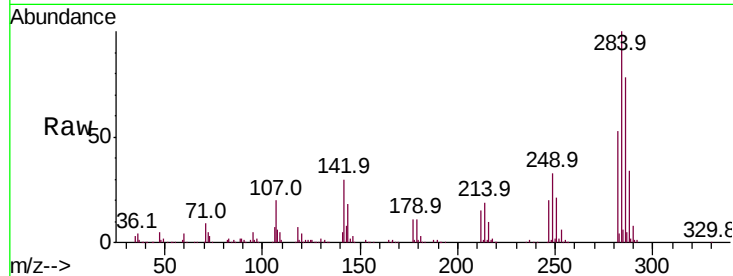
#67
Hexachlorobenzene
Concen: 42.081 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

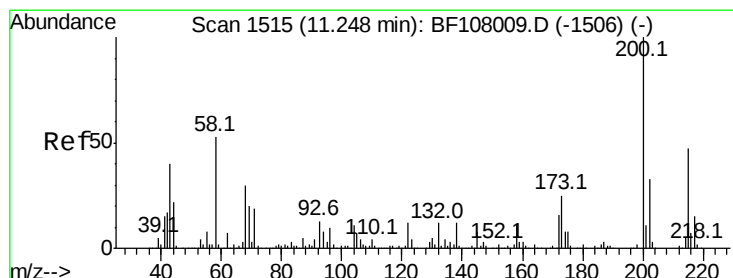
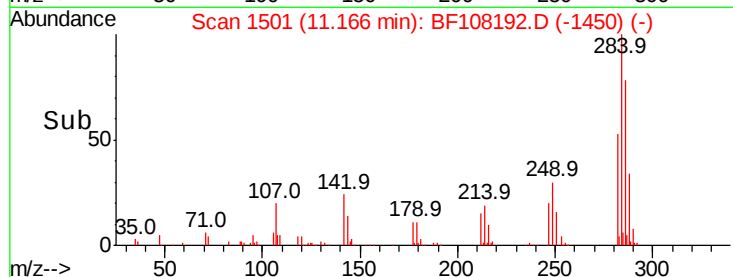
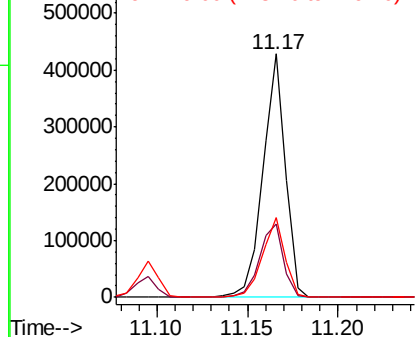
Tot Ion	Ratio	Resp	Lower	Upper
284	100	367942		
142	30.1	34.6	52.0	
249	32.8	24.8	37.2	

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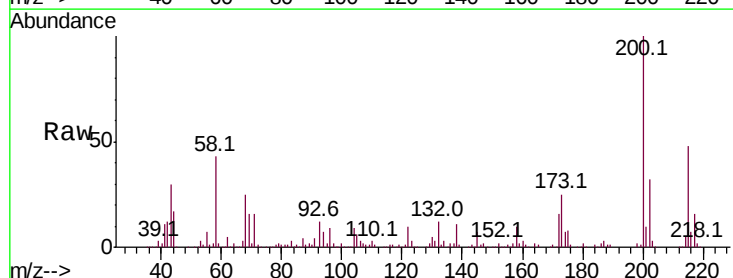


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

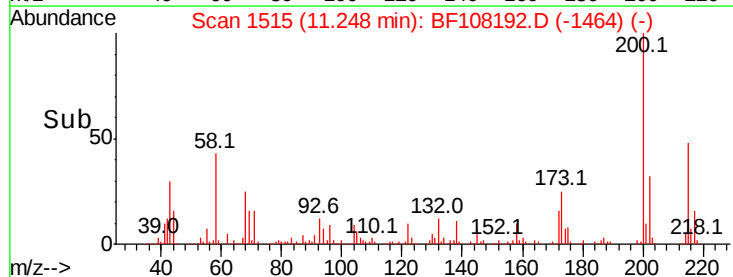
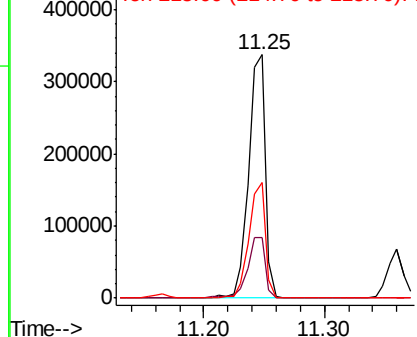


#68
Atrazine
Concen: 43.135 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	326929		
173	25.1	8.6	48.6	
215	47.7	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





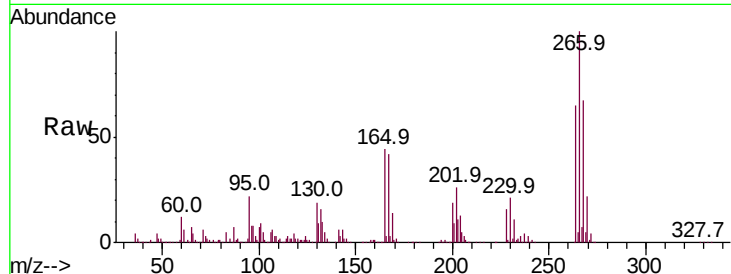
#69
 Pentachlorophenol
 Concen: 86.337 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

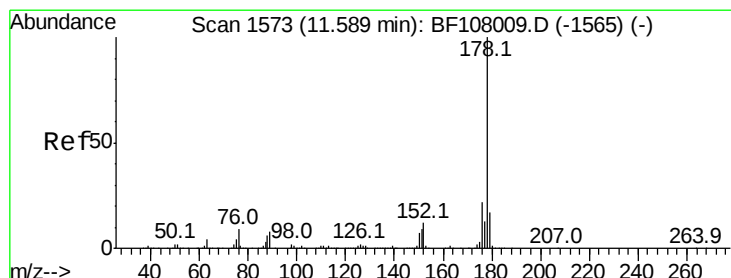
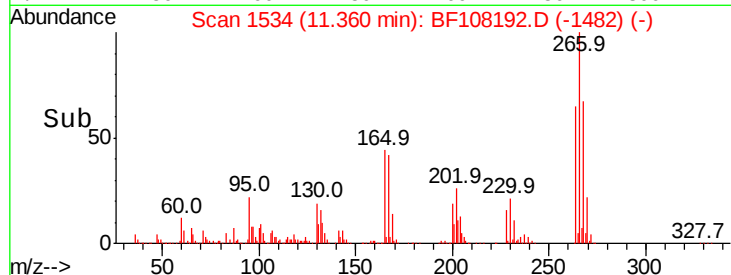
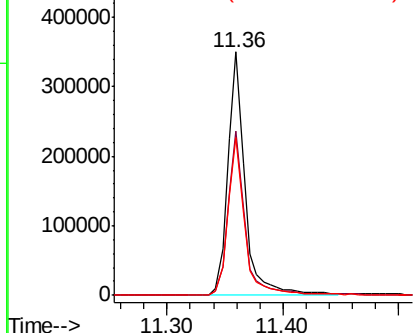
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.3	51.1	76.7	
264	64.8	49.5	74.3	

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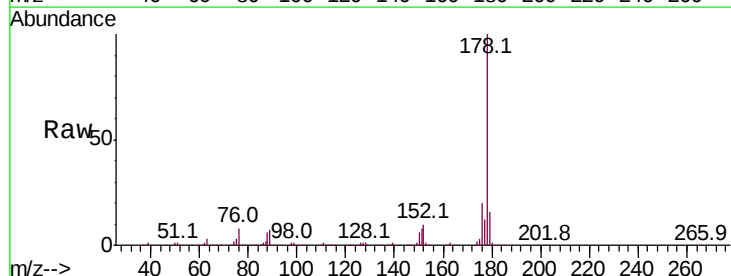


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

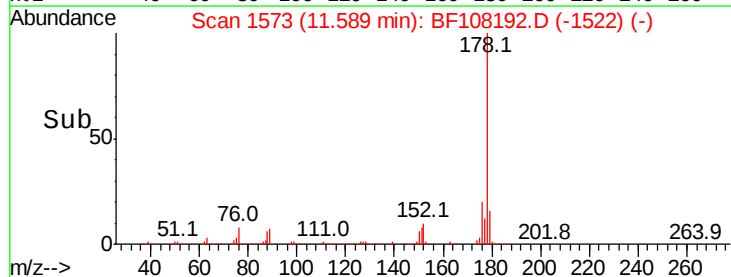
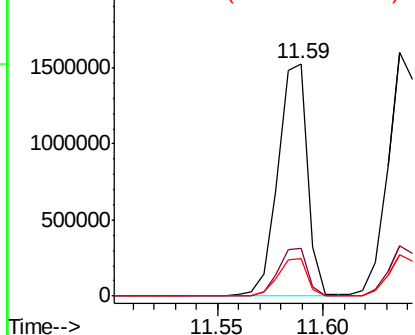


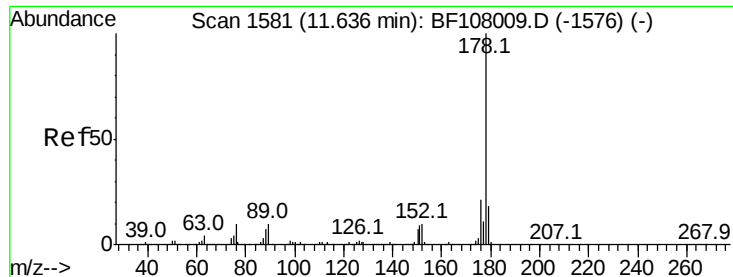
#70
 Phenanthrene
 Concen: 41.473 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.5	15.8	23.8	
179	16.0	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





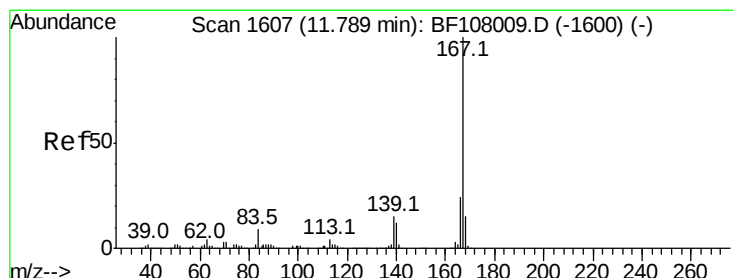
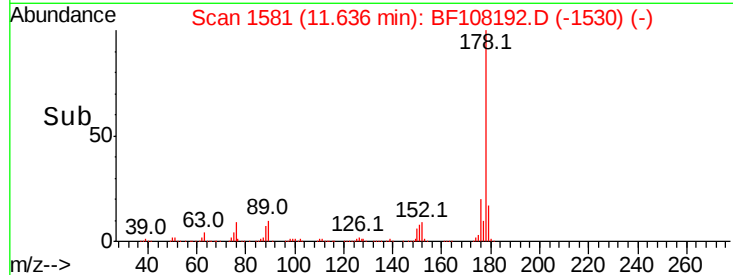
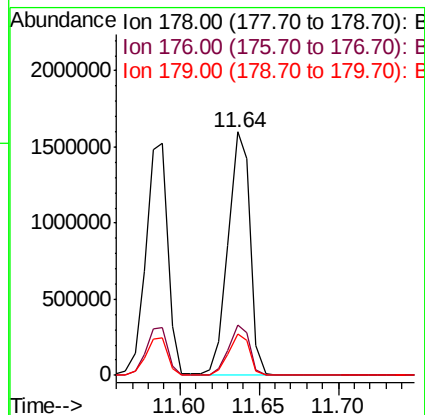
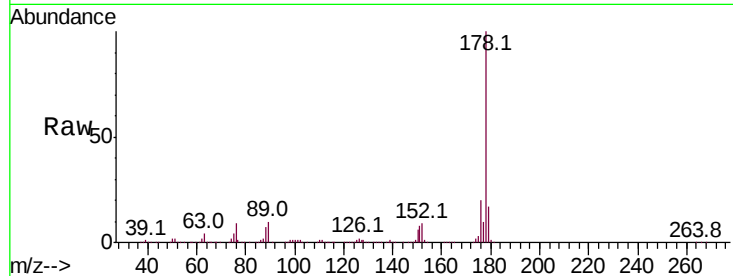
#71
 Anthracene
 Concen: 41.571 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	16.9	12.6	19.0

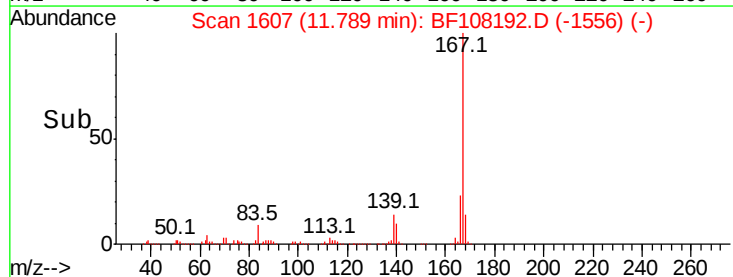
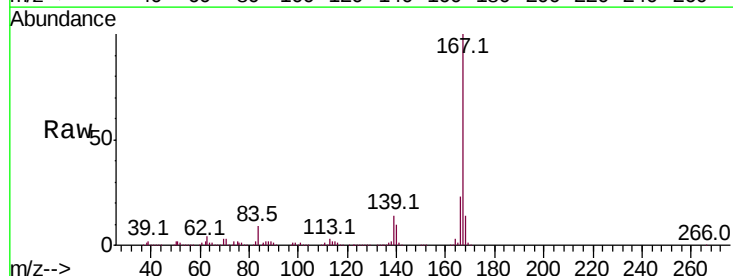
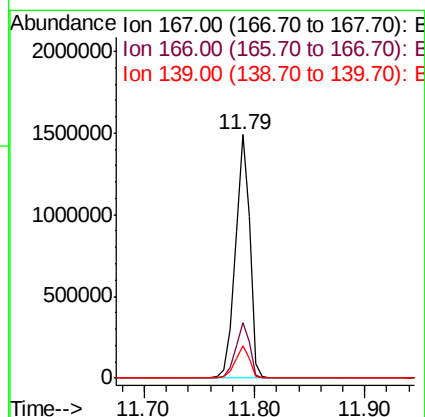
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#72
 Carbazole
 Concen: 41.539 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.238 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

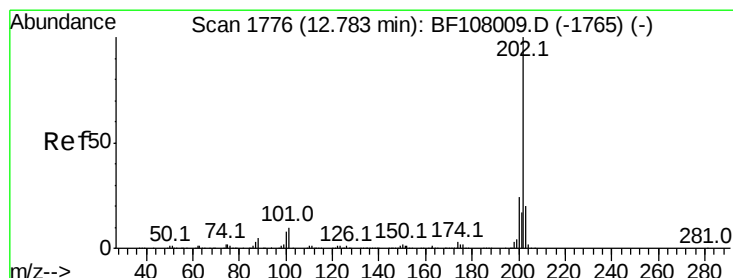
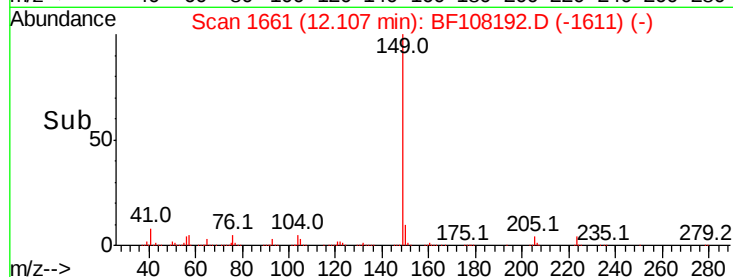
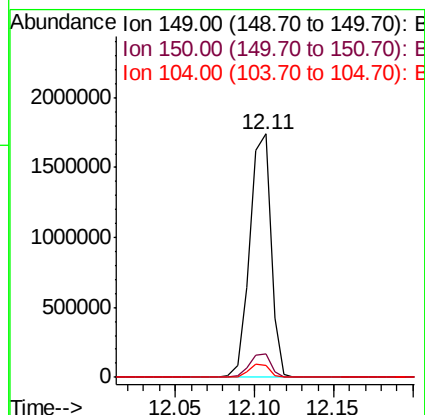
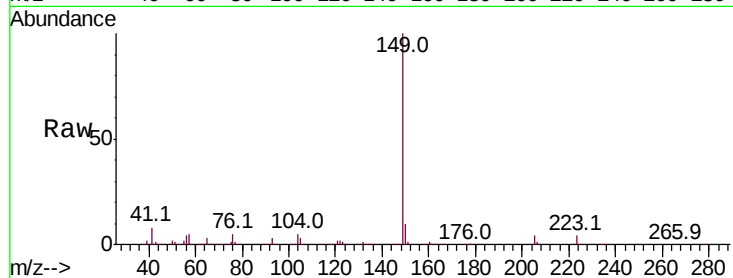
ClientSampleId :

PB112104BS

Tot Ion:	149	Resp:	1608530
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.1	3.8	5.8

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#74

Fluoranthene

Concen: 41.992 ng

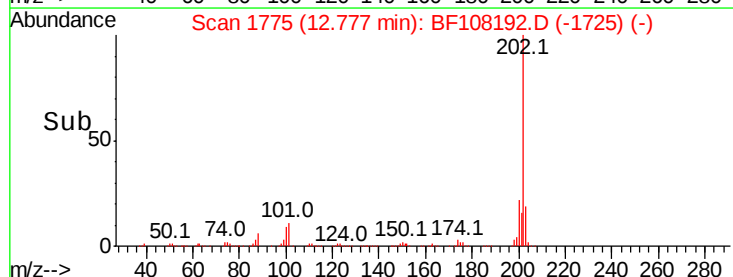
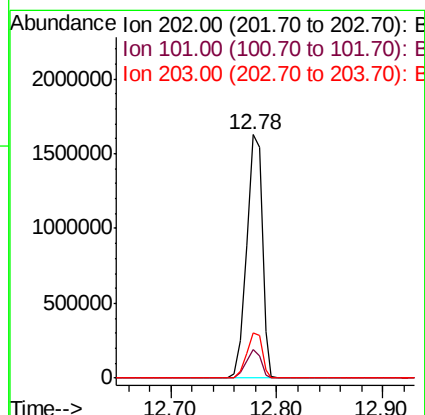
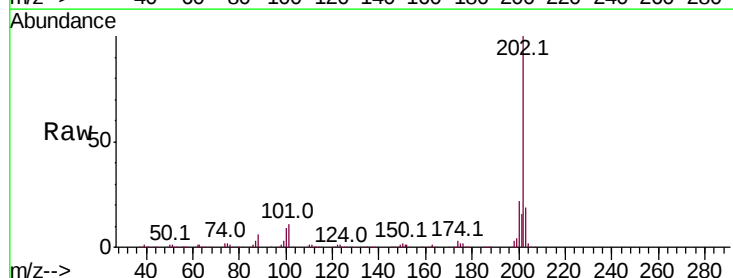
RT: 12.78 min Scan# 1775

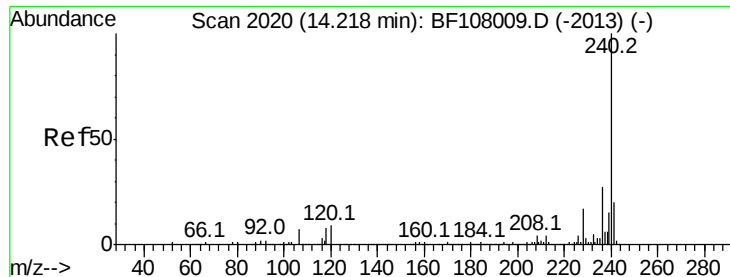
Delta R.T. -0.01 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion:	202	Resp:	1652935
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

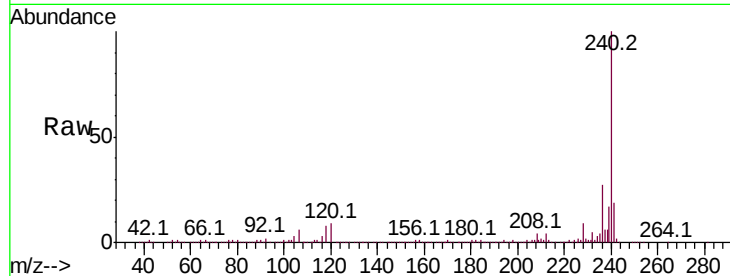
ClientSampleId :

PB112104BS

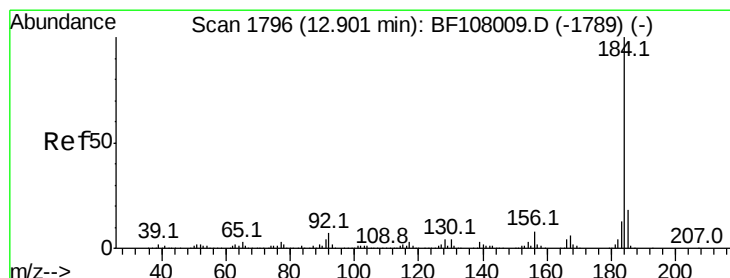
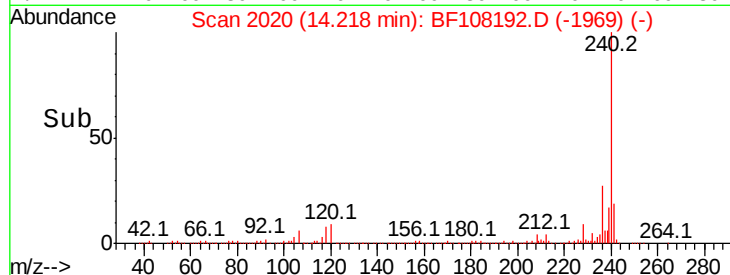
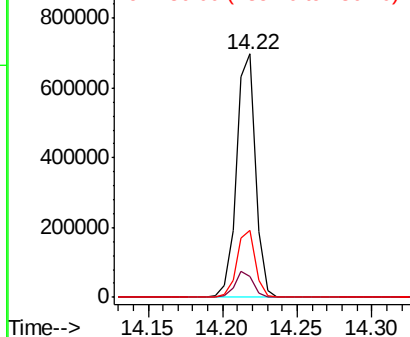
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	27.4	20.7	31.1

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



#76

Benzidine

Concen: 36.097 ng

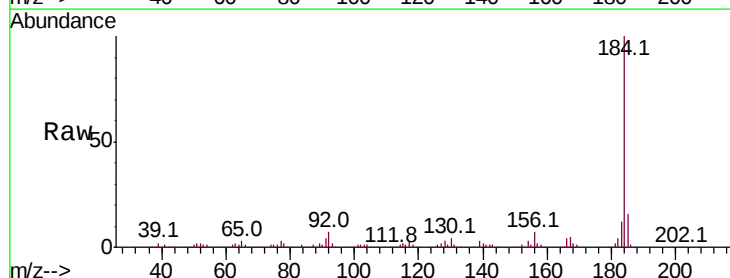
RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

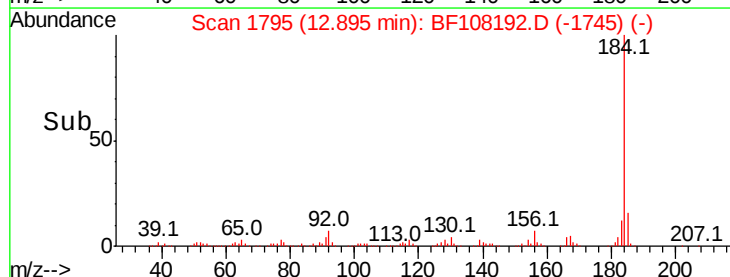
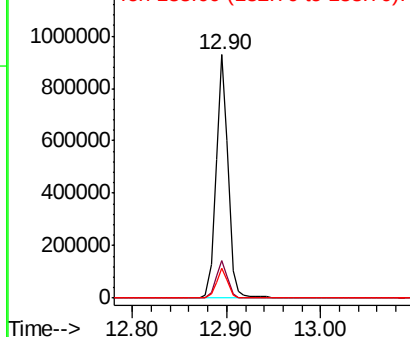
Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	12.4	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





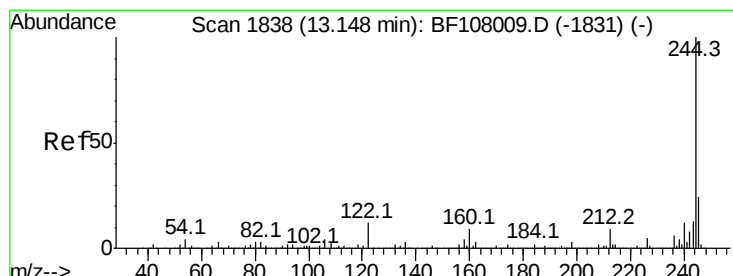
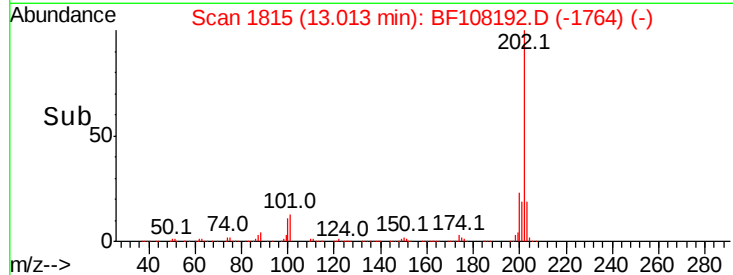
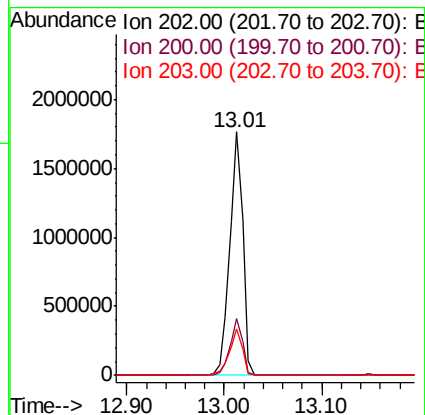
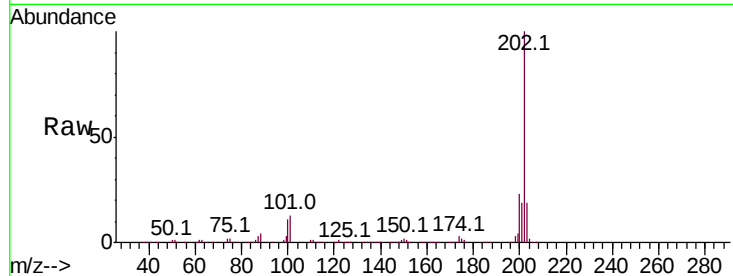
#77
Pvrene
Concen: 41.427 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	19.0	14.3	21.5

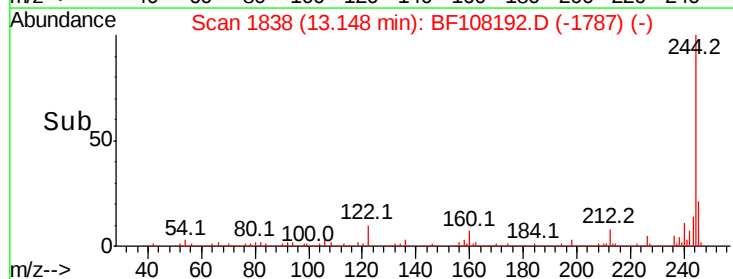
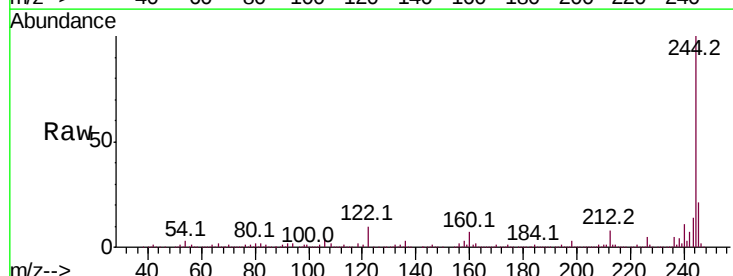
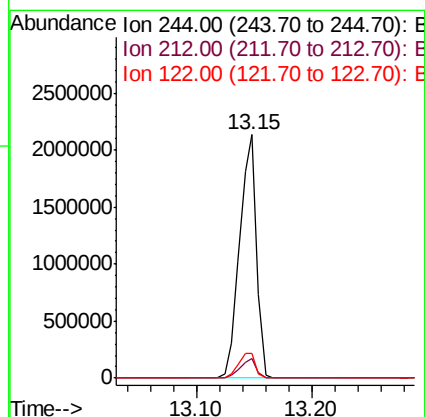
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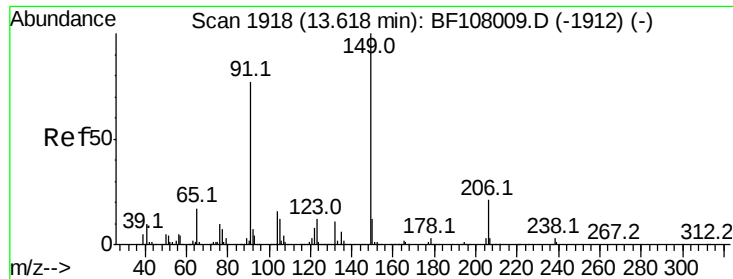
Sohil
8/17/2018 3:30:33 PM



#78
Terphenyl-d14
Concen: 87.336 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	10.0	11.0	16.4





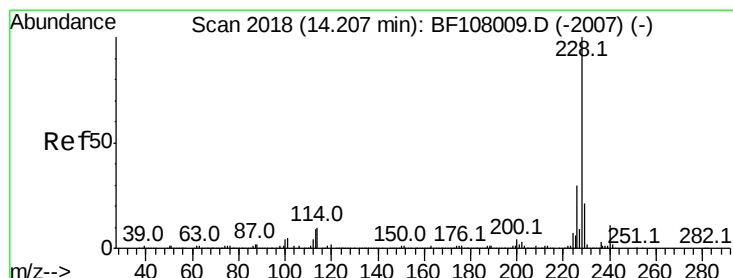
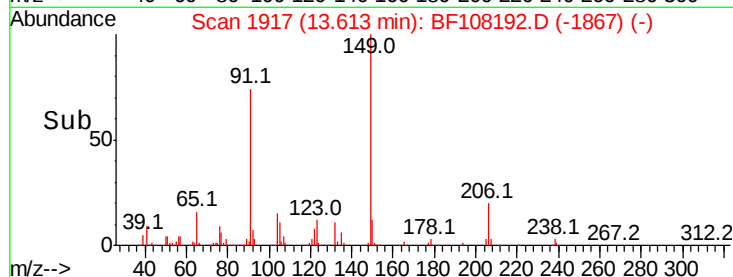
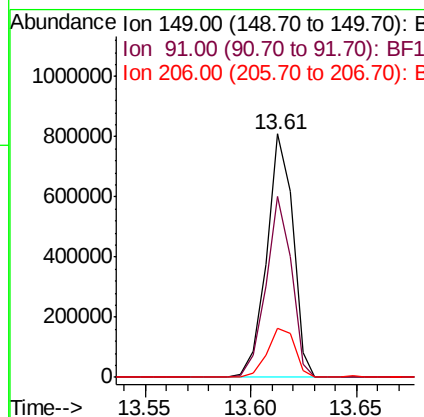
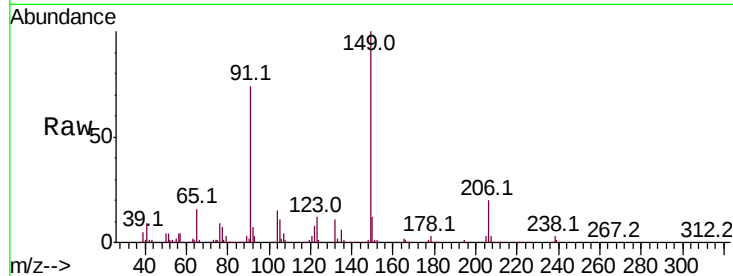
#79
Butylbenzylphthalate
Concen: 44.579 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	702203		
91	74.3	56.8	85.2	
206	19.9	14.1	21.1	

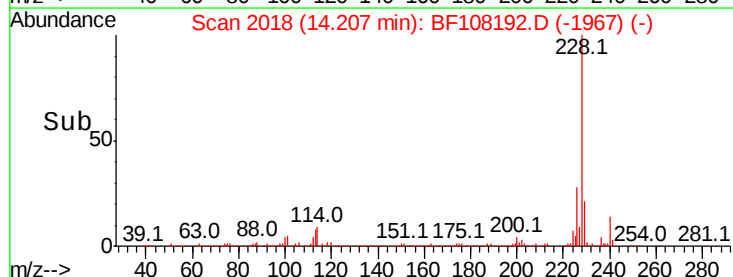
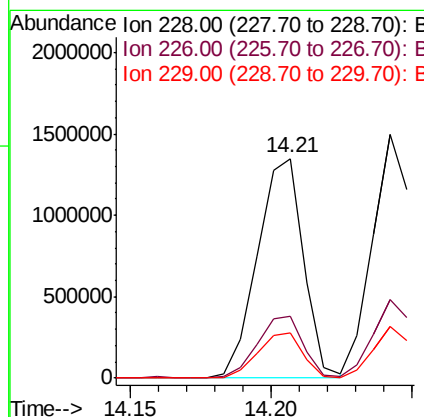
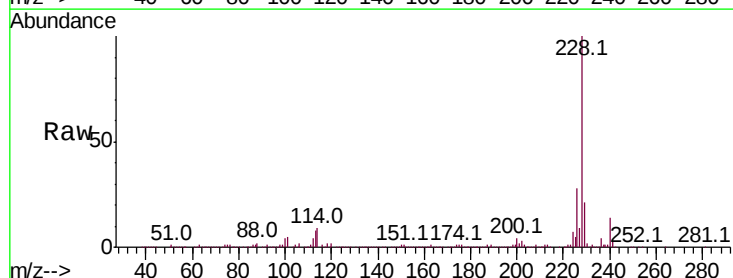
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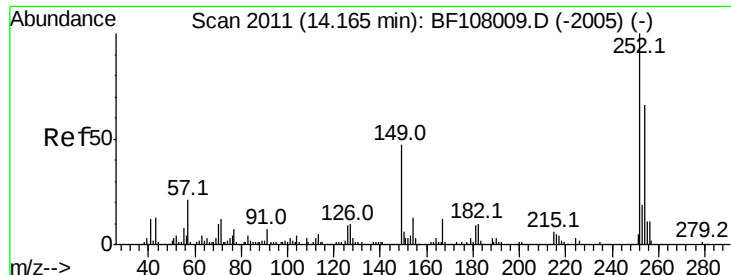
Sohil
8/17/2018 3:30:33 PM



#80
Benzo(a)anthracene
Concen: 42.376 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1523832		
226	28.2	22.6	33.8	
229	20.6	15.8	23.6	





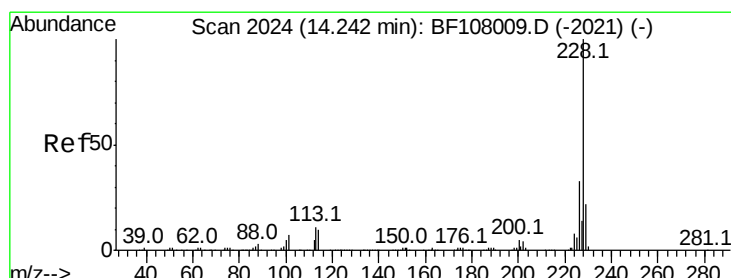
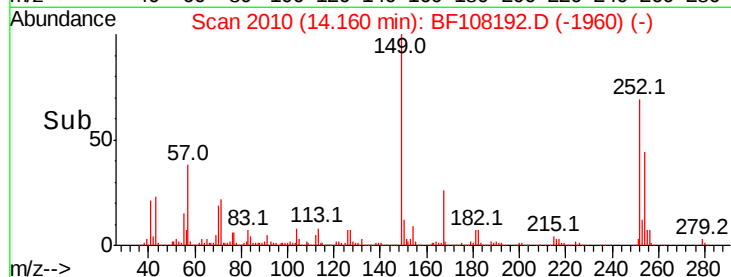
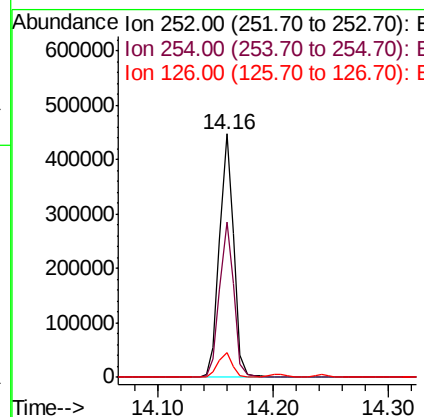
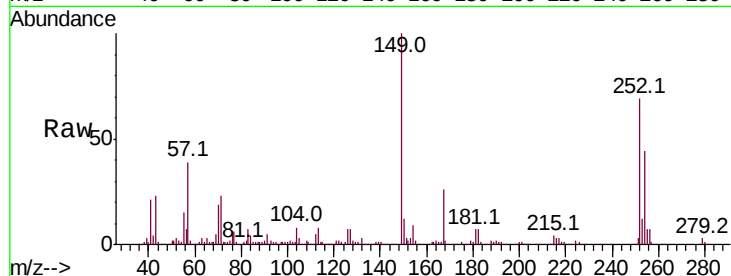
#81
 3,3'-Dichlorobenzidine
 Concen: 29.714 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.7	50.4	75.6
126	10.2	11.3	16.9

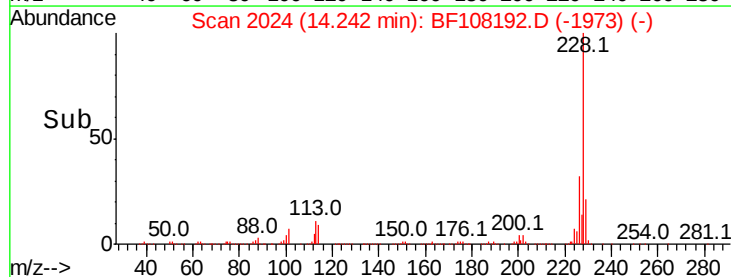
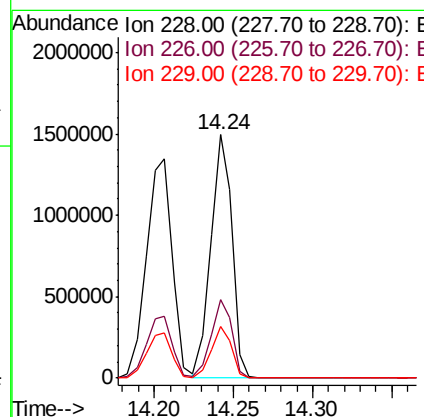
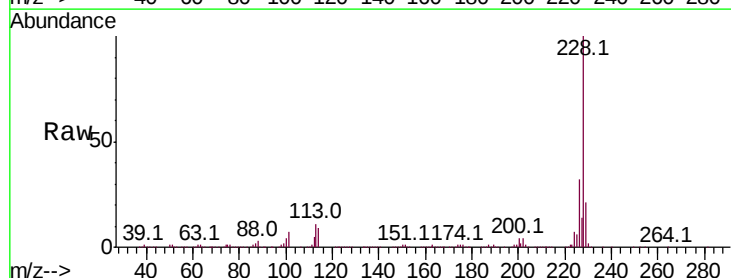
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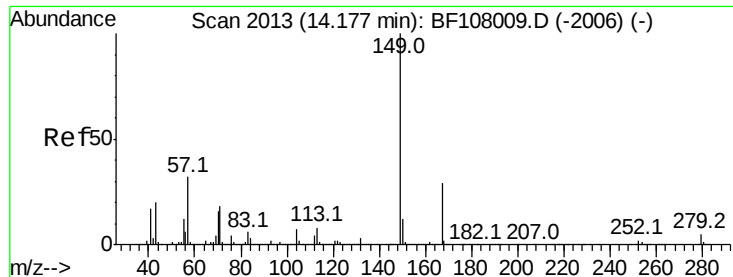
Sohil
 8/17/2018 3:30:33 PM



#82
 Chrysene
 Concen: 42.417 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.3	16.2	24.4





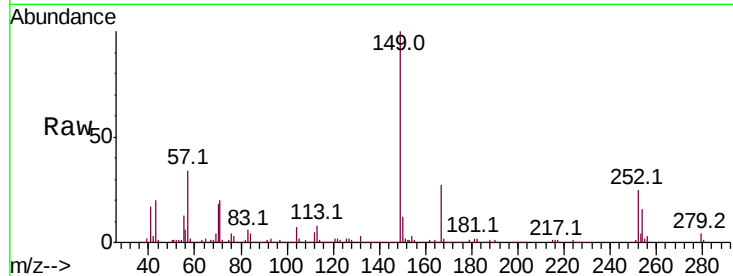
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.892 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	21.3	31.9	
279	4.2	3.0	4.4	

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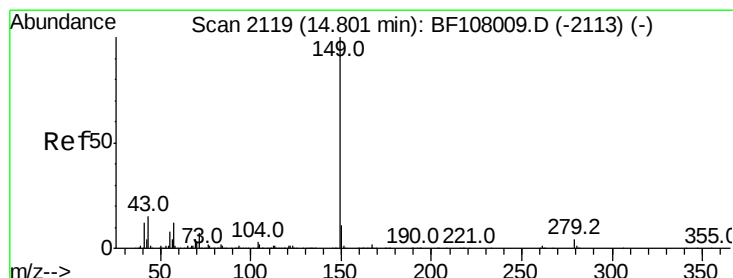
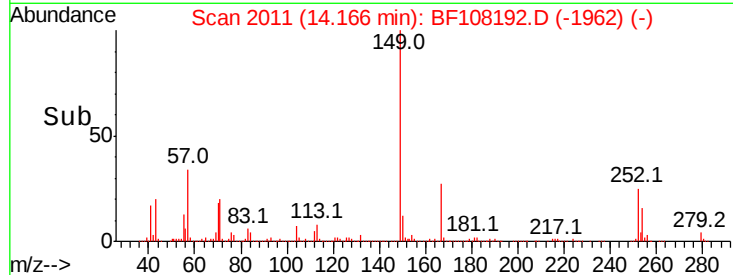
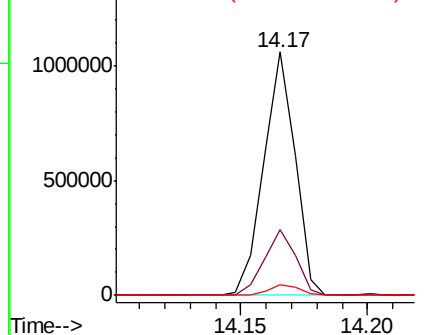


Abundance

Ion 149.00 (148.70 to 149.70): E

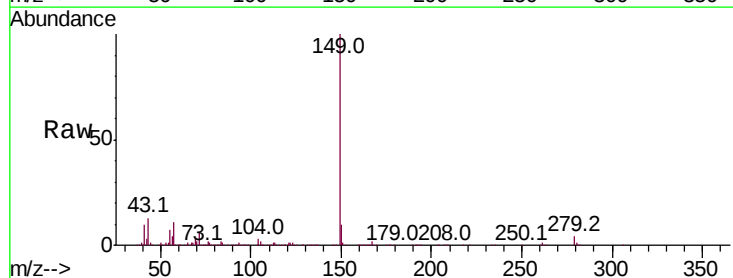
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 47.186 ng
 RT: 14.79 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	12.3	8.4	12.6	

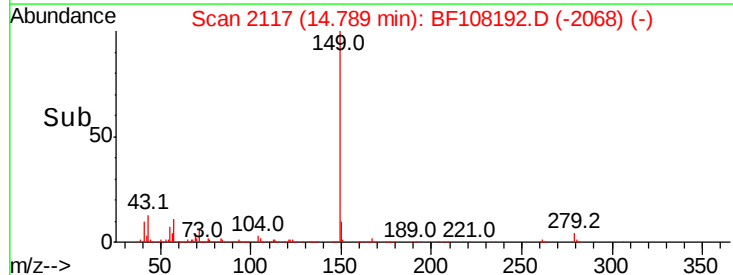
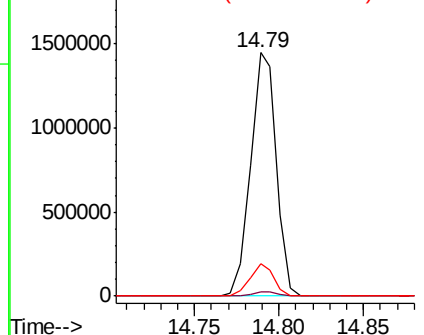


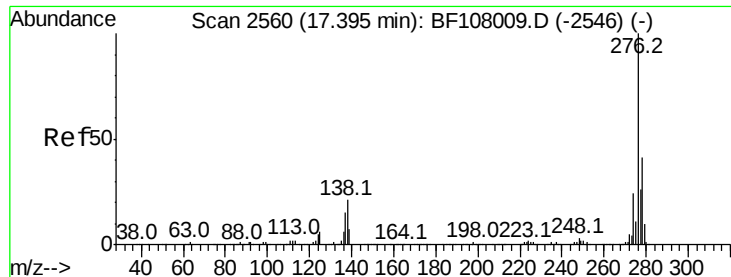
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.730 ng

RT: 17.39 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB112104BS

Tot Ion:276 Resp: 1049180

Ion Ratio Lower Upper

276 100

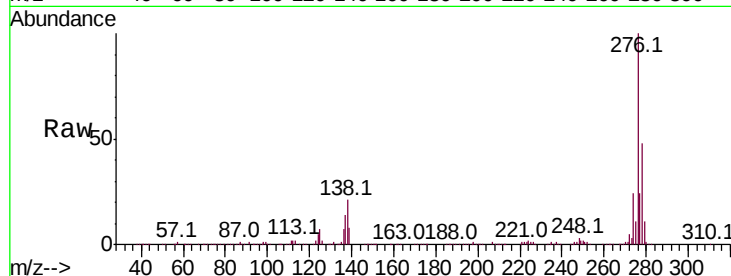
138 22.4 25.0 37.6#

277 25.1 20.1 30.1

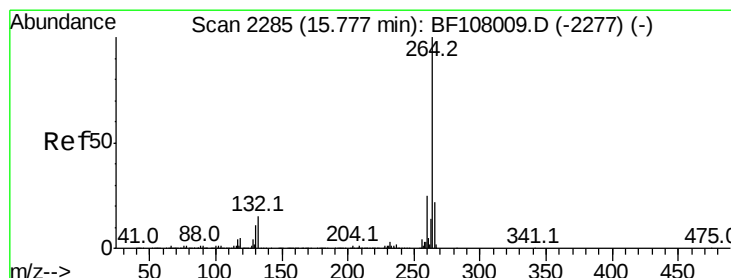
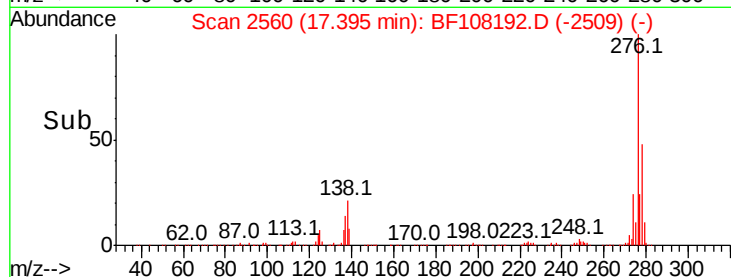
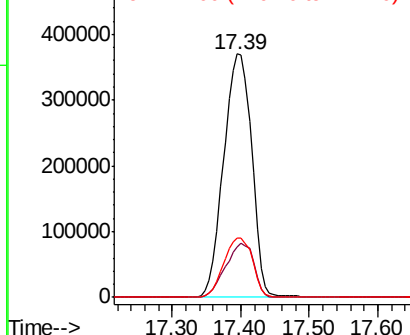
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108192.D

Acq: 16 Aug 2018 13:56

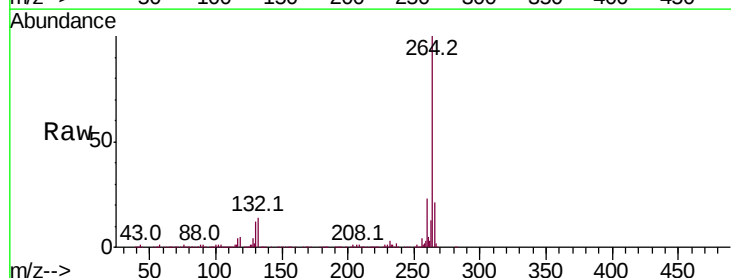
Tgt Ion:264 Resp: 532839

Ion Ratio Lower Upper

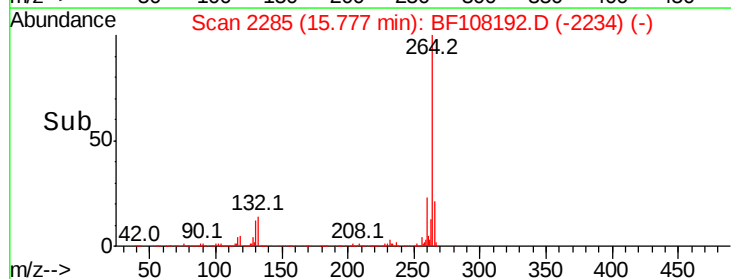
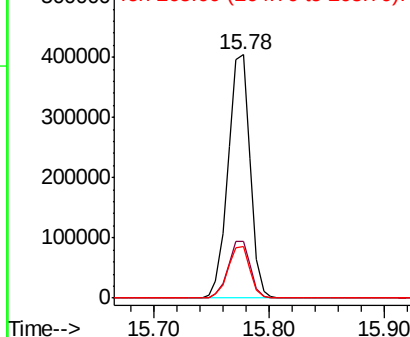
264 100

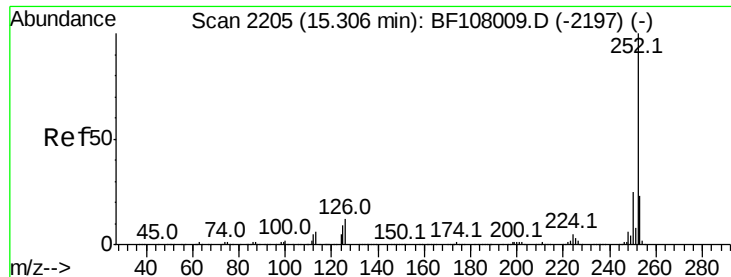
260 23.5 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





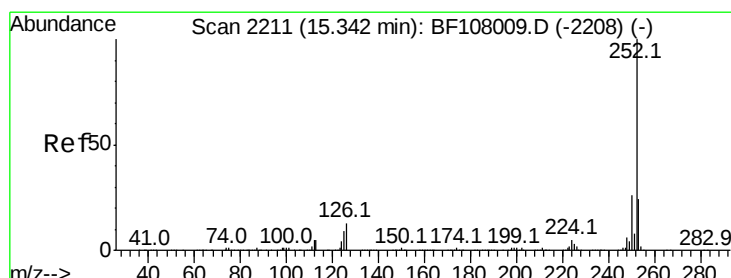
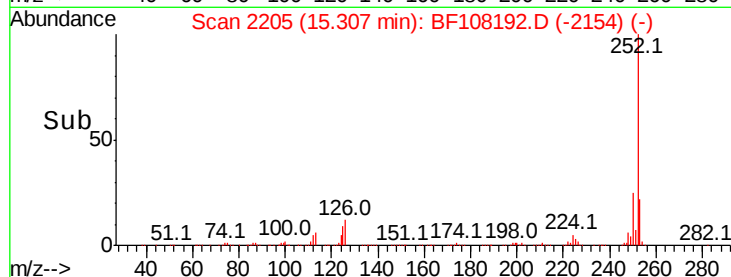
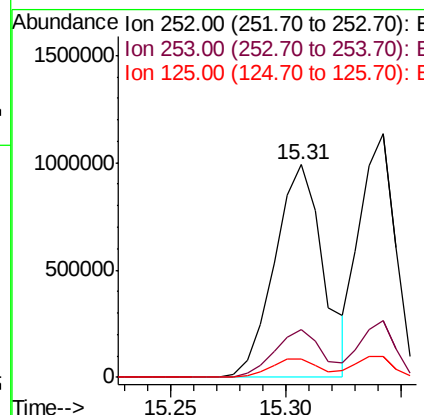
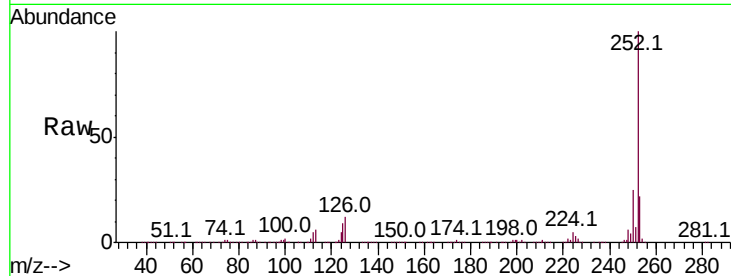
#87
Benzo(b)fluoranthene
Concen: 45.477 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampled :
PB112104BS

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

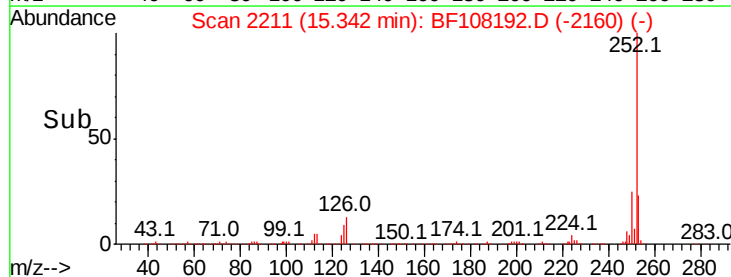
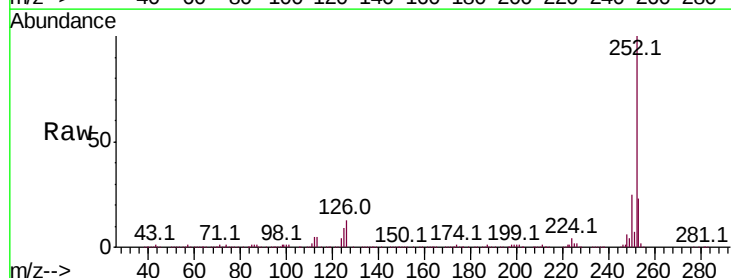
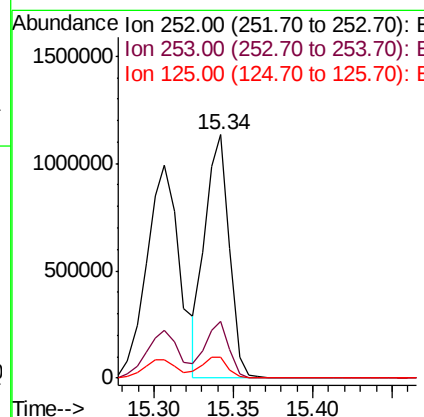
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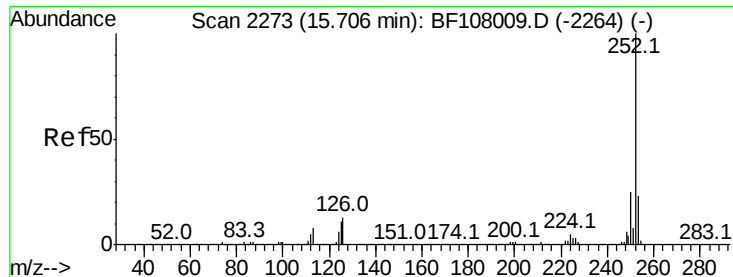
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.370 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.7	10.2	15.2#





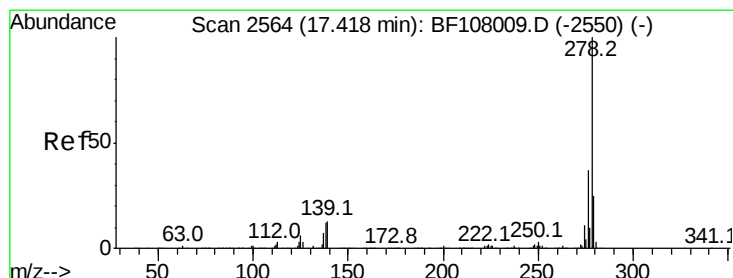
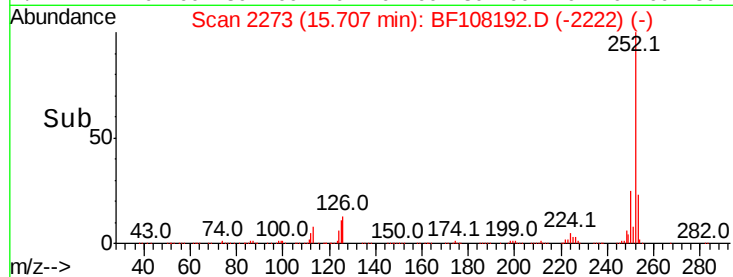
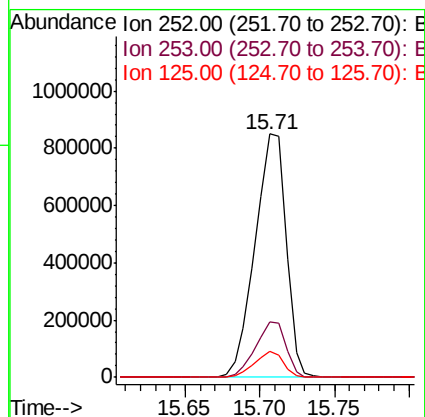
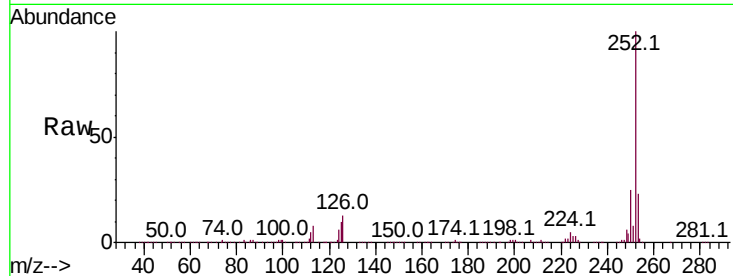
#89
Benzo(a)pyrene
Concen: 42.957 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.5	9.8	14.6

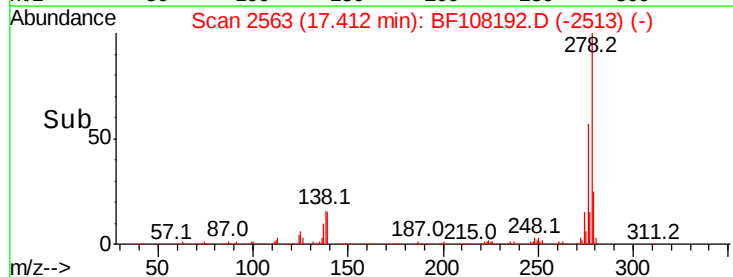
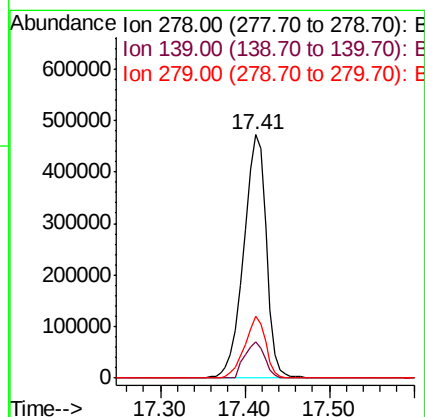
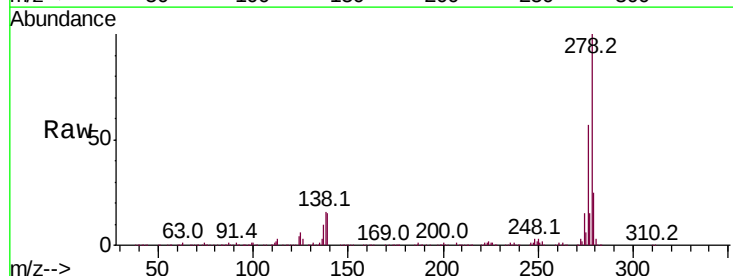
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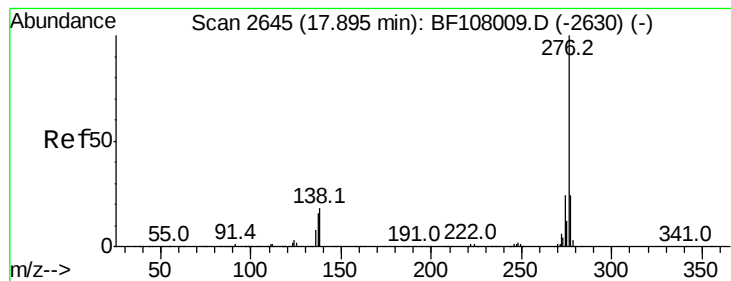
Sohil
8/17/2018 3:30:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.089 ng
RT: 17.41 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF108192.D
Acq: 16 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.9	23.9#
279	25.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.978 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: BF108192.D
 Acq: 16 Aug 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	19.5	21.8	32.8#

Manual Integrations
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