

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108281.D
 Acq On : 20 Aug 2018 11:18
 Operator : JU/SJ
 Sample : PB112114BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:41 PM

Quant Time: Aug 20 11:52:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	169392	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	691272	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	354944	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	708688	20.00	ng	0.00
75) Chrysene-d12	14.22	240	548591	20.00	ng	0.00
86) Perylene-d12	15.78	264	393606	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1268356	135.56	ng	0.03
7) Phenol-d6	6.65	99	1704469	137.09	ng	0.02
23) Nitrobenzene-d5	7.58	82	1120420	90.44	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	520281	146.95	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2103490	95.14	ng	0.00
78) Terphenyl-d14	13.15	244	2371398	109.91	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.03	88	186009	38.691	ng	91
3) Pyridine	3.77	79	507406	40.971	ng	89
4) n-Nitrosodimethylamine	3.74	42	287035	41.190	ng	84
6) Aniline	6.68	93	642945	38.017	ng	96
8) 2-Chlorophenol	6.81	128	525151	49.835	ng	95
9) Benzaldehyde	6.57	77	232662	24.136	ng	98
10) Phenol	6.66	94	669468	52.055	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	505355	48.604	ng	95
12) 1,3-Dichlorobenzene	6.96	146	581670	47.739	ng	99
13) 1,4-Dichlorobenzene	7.04	146	591742	48.337	ng	98
14) 1,2-Dichlorobenzene	7.19	146	546218	47.969	ng	97
15) Benzyl Alcohol	7.16	79	479894	45.849	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	940998	43.932	ng	99
17) 2-Methylphenol	7.27	107	464133	51.361	ng	95
18) Hexachloroethane	7.53	117	215924	49.543	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	398430	47.388	ng	92
20) 3+4-Methylphenols	7.41	107	557075	48.105	ng	# 88
22) Acetophenone	7.42	105	750721	46.445	ng	# 92
24) Nitrobenzene	7.60	77	590395	47.130	ng	95
25) Isophorone	7.84	82	1088383	46.094	ng	97
26) 2-Nitrophenol	7.92	139	265391	56.099	ng	96
27) 2,4-Dimethylphenol	7.94	122	511099	48.770	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	655773	47.574	ng	99
29) 2,4-Dichlorophenol	8.16	162	480371	49.810	ng	95
30) 1,2,4-Trichlorobenzene	8.24	180	505570	47.547	ng	96
31) Naphthalene	8.32	128	1532768	48.756	ng	98
32) Benzoic acid	8.07	122	236775	40.063	ng	95
33) 4-Chloroaniline	8.37	127	433141	31.615	ng	97
34) Hexachlorobutadiene	8.43	225	327311	48.625	ng	99
35) Caprolactam	8.75	113	140604m	46.523	ng	
36) 4-Chloro-3-methylphenol	8.85	107	500843	48.140	ng	97
37) 2-Methylnaphthalene	9.02	142	1063489	47.813	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	532241	48.830	ng	98
40) Hexachlorocyclopentadiene	9.17	237	588844	83.638	ng	100

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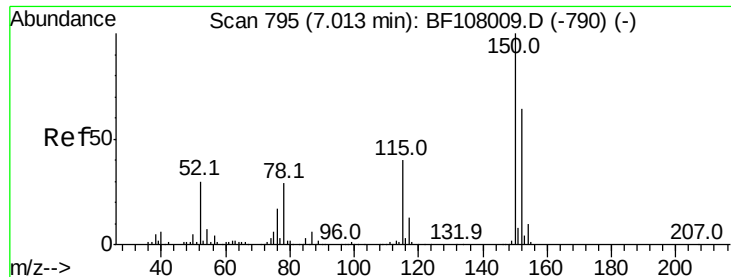
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	350766	51.858	ng	97
43) 2,4,5-Trichlorophenol	9.34	196	388661	52.198	ng	97
45) 1,1'-Biphenyl	9.48	154	1283388	49.040	ng	98
46) 2-Chloronaphthalene	9.51	162	1017759	49.206	ng	96
47) 2-Nitroaniline	9.61	65	335757	50.169	ng	92
48) Acenaphthylene	9.93	152	1604269	49.061	ng	98
49) Dimethylphthalate	9.78	163	1192688	48.239	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	263463	50.931	ng	97
51) Acenaphthene	10.10	154	938805	46.874	ng	100
52) 3-Nitroaniline	10.02	138	207974	36.746	ng	93
53) 2,4-Dinitrophenol	10.13	184	194826	98.826	ng	# 20
54) Dibenzofuran	10.28	168	1395036	48.077	ng	99
55) 4-Nitrophenol	10.18	139	388278	90.594	ng	88
56) 2,4-Dinitrotoluene	10.25	165	355744	53.427	ng	# 97
57) Fluorene	10.62	166	1112659	48.439	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	319882	51.399	ng	# 86
59) Diethylphthalate	10.48	149	1137590	47.515	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	568737	47.517	ng	# 88
61) 4-Nitroaniline	10.64	138	277887	49.661	ng	93
62) Azobenzene	10.77	77	1153137	46.638	ng	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	135541	50.614	ng	92
65) n-Nitrosodiphenylamine	10.72	169	1004784	47.979	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	372467	48.363	ng	# 83
67) Hexachlorobenzene	11.17	284	395520	48.810	ng	# 84
68) Atrazine	11.25	200	342338	48.737	ng	96
69) Pentachlorophenol	11.37	266	376502	97.073	ng	96
70) Phenanthrene	11.59	178	1611453	48.209	ng	99
71) Anthracene	11.64	178	1645126	48.019	ng	97
72) Carbazole	11.79	167	1449577	47.623	ng	98
73) Di-n-butylphthalate	12.11	149	1704394	49.435	ng	99
74) Fluoranthene	12.78	202	1733068	47.506	ng	96
76) Benzidine	12.90	184	833556	40.668	ng	99
77) Pyrene	13.02	202	1733512	49.912	ng	98
79) Butylbenzylphthalate	13.62	149	737817	53.499	ng	# 97
80) Benzo(a)anthracene	14.21	228	1525458	48.453	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	375571	33.287	ng	# 97
82) Chrysene	14.25	228	1353107	46.879	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	926392	49.603	ng	100
84) Di-n-octyl phthalate	14.79	149	1454542	51.068	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	1052656	42.091	ng	# 90
87) Benzo(b)fluoranthene	15.31	252	1239270	52.691	ng	# 97
88) Benzo(k)fluoranthene	15.35	252	1050705	48.598	ng	# 96
89) Benzo(a)pyrene	15.72	252	1062475	50.447	ng	# 97
90) Dibenzo(a,h)anthracene	17.43	278	868157	49.820	ng	# 94
91) Benzo(g,h,i)perylene	17.92	276	866589	50.503	ng	# 90

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



#1

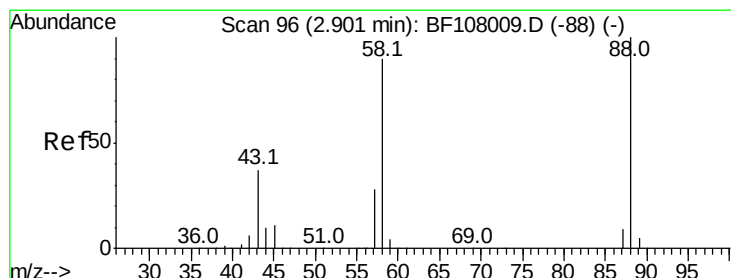
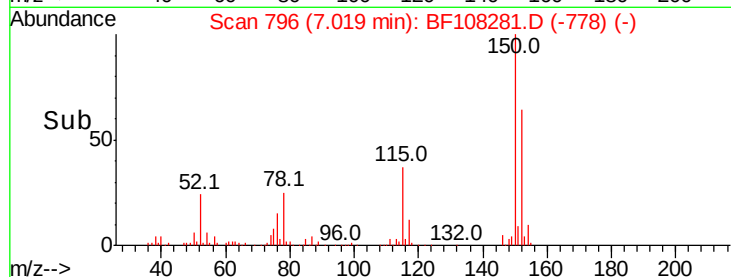
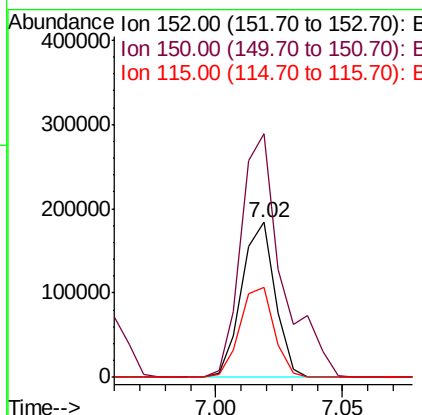
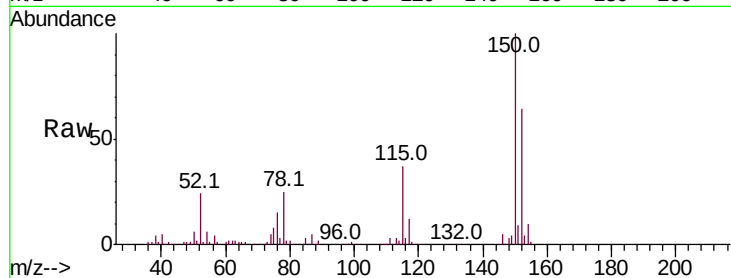
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	58.2	50.1	75.1

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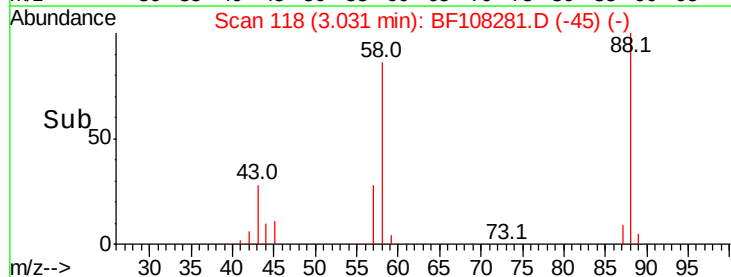
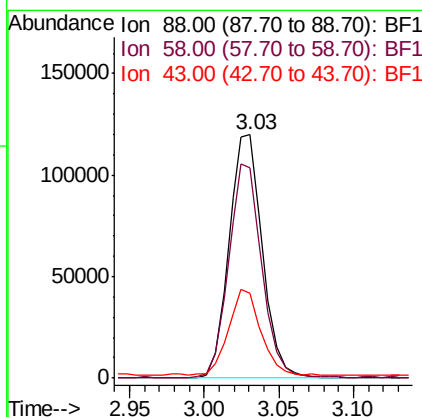
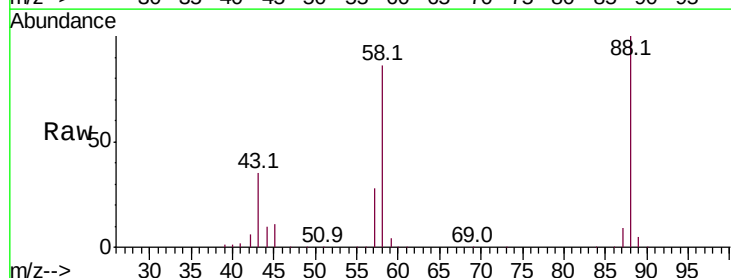
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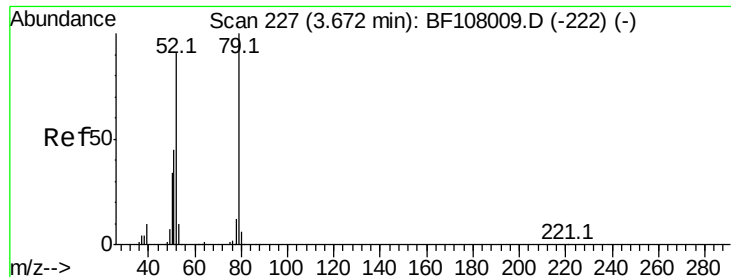


#2

1,4-Dioxane
Concen: 38.691 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.13 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	62.6	93.8
43	34.3	24.6	37.0





#3

Pvridine

Concen: 40.971 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.10 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

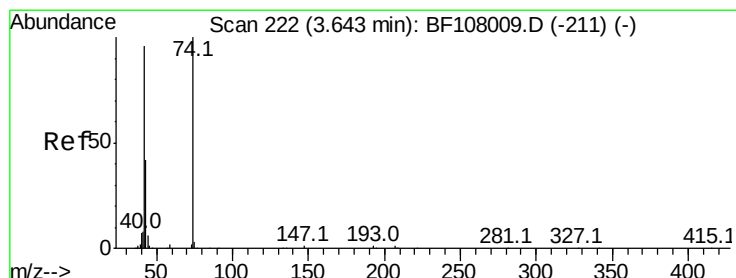
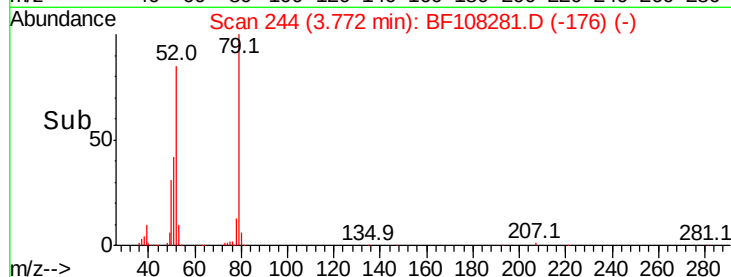
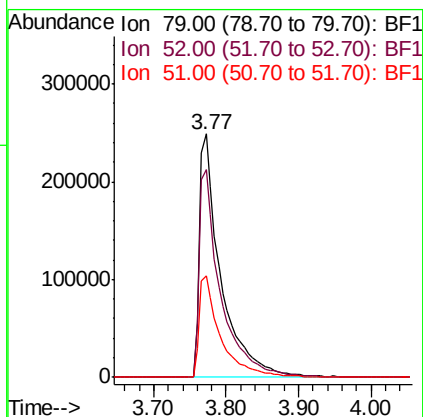
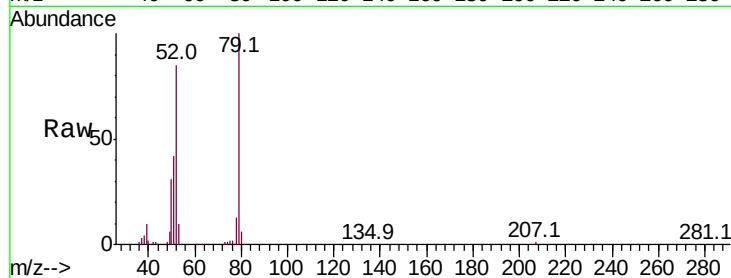
ClientSampleId :

PB112114BSD

Tot Ion:	79	Resp:	507406
Ion Ratio	Lower	Upper	
79	100		
52	85.3	59.8	89.6
51	41.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.190 ng

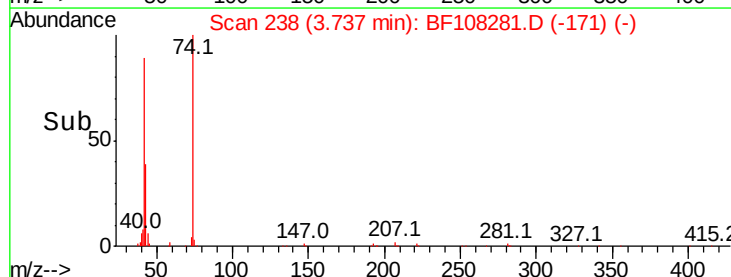
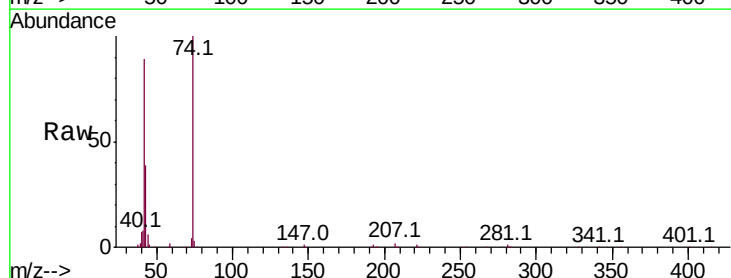
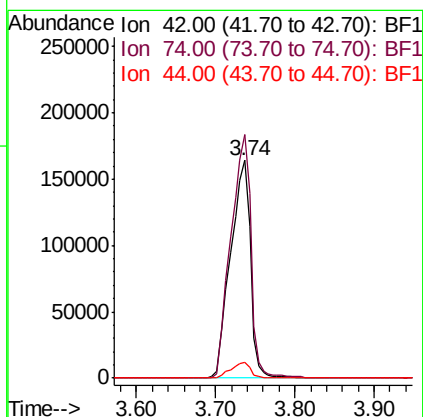
RT: 3.74 min Scan# 238

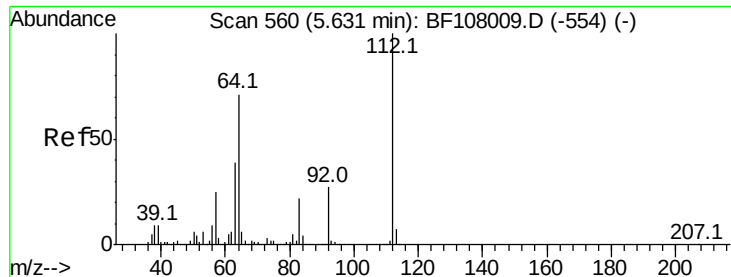
Delta R.T. 0.09 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion:	42	Resp:	287035
Ion Ratio	Lower	Upper	
42	100		
74	111.9	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 135.561 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion:112 Resp: 1268356

Ion Ratio Lower Upper

112 100

64 67.9 47.9 71.9

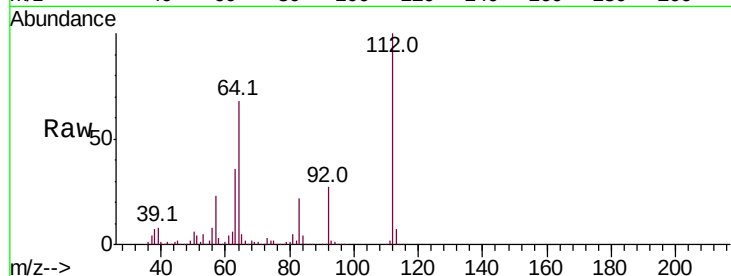
63 36.3 23.7 35.5#

Manual Integrations

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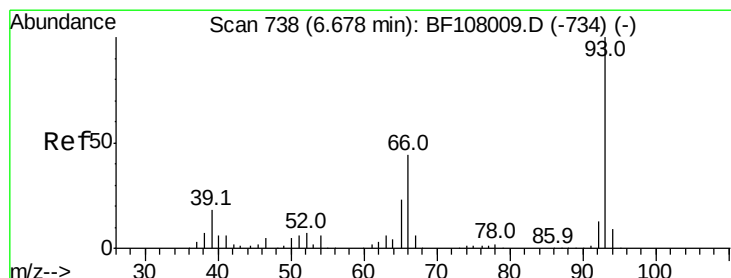
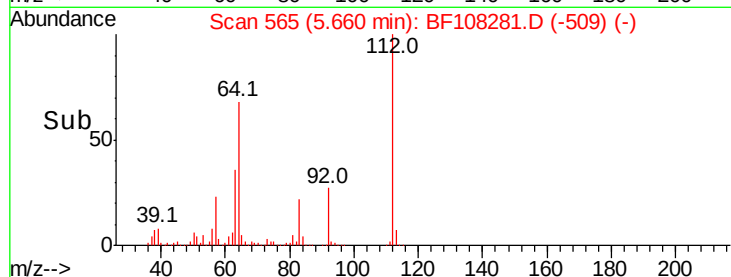
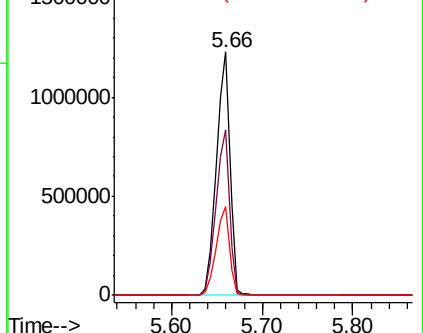
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.017 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

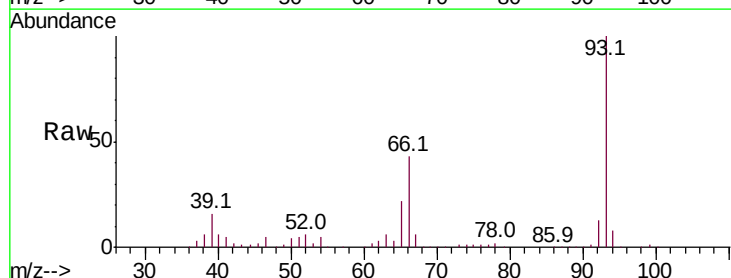
Tgt Ion: 93 Resp: 642945

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

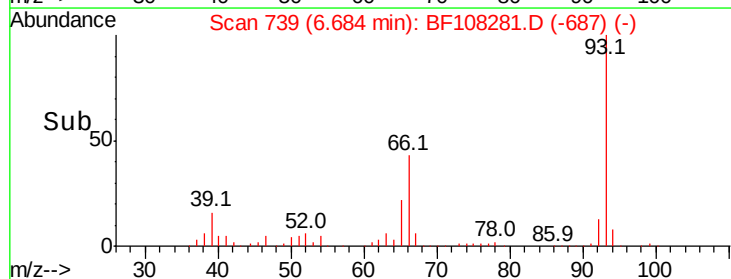
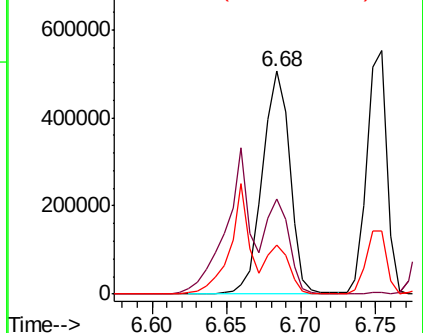
65 22.3 16.4 24.6

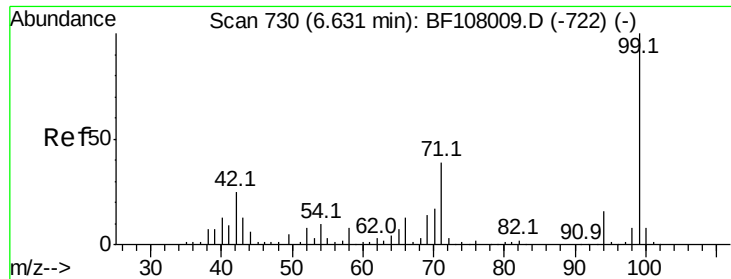


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.089 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion: 99 Resp: 1704469

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

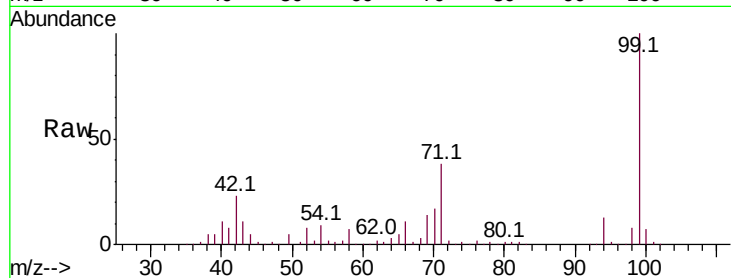
71 37.8 25.4 38.0

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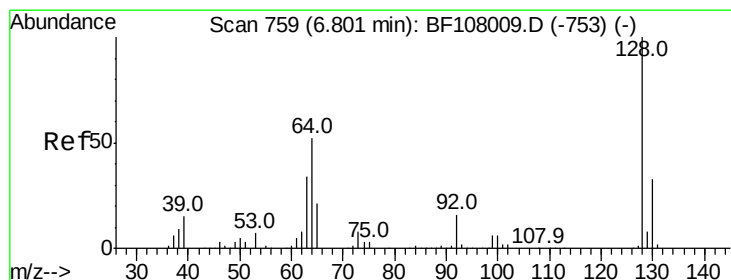
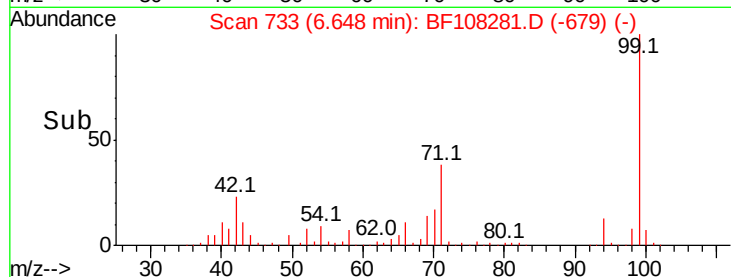
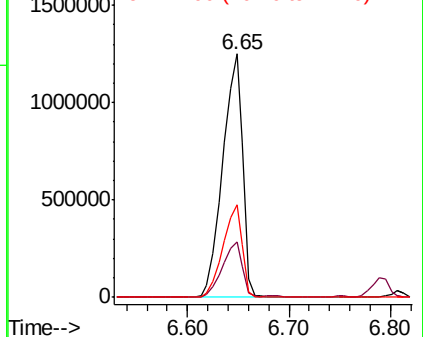
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.835 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

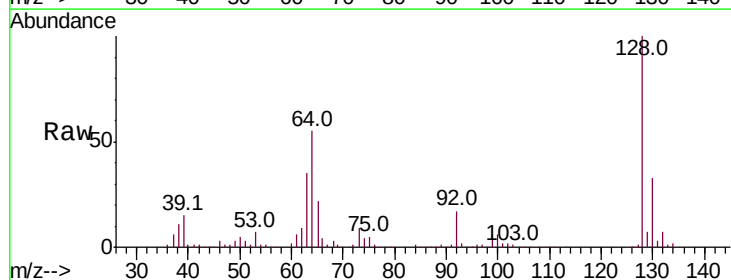
Tgt Ion:128 Resp: 525151

Ion Ratio Lower Upper

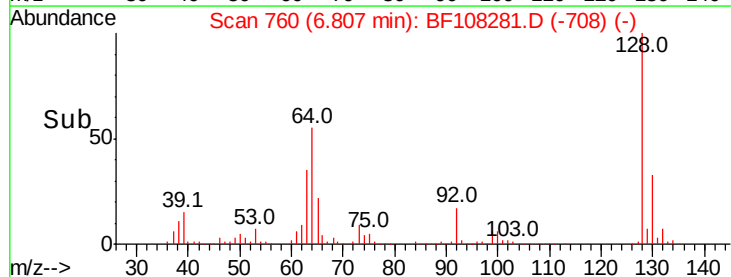
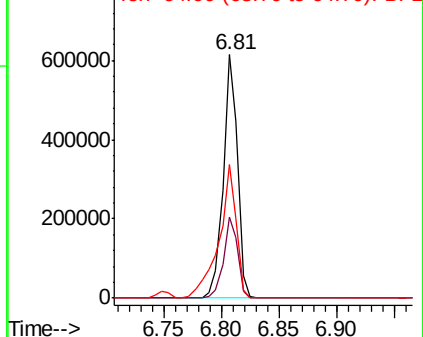
128 100

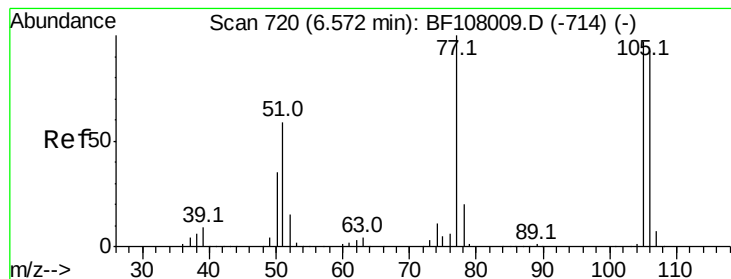
130 33.1 13.0 53.0

64 54.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 24.136 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

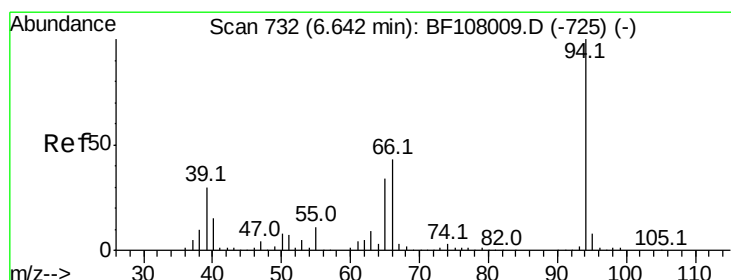
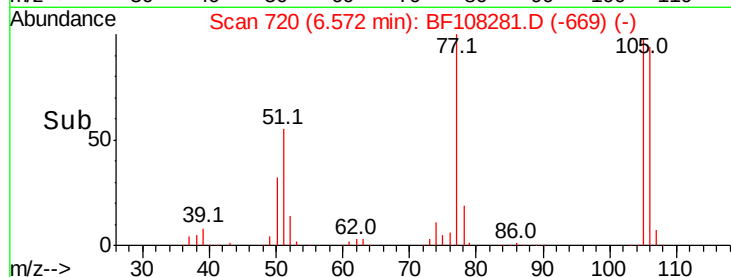
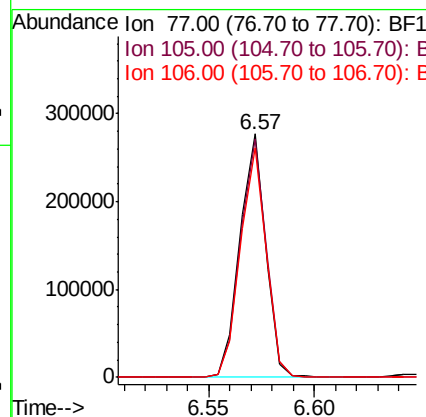
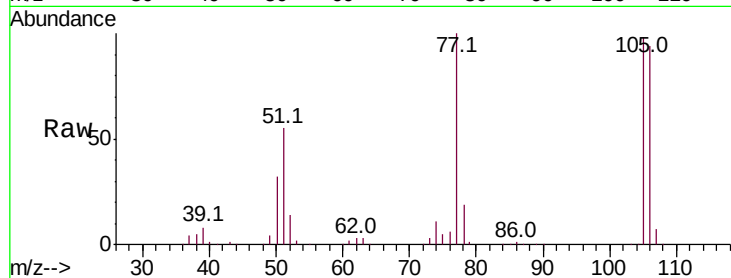
ClientSampleId :

PB112114BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.8	81.1	121.1
106	94.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 52.055 ng

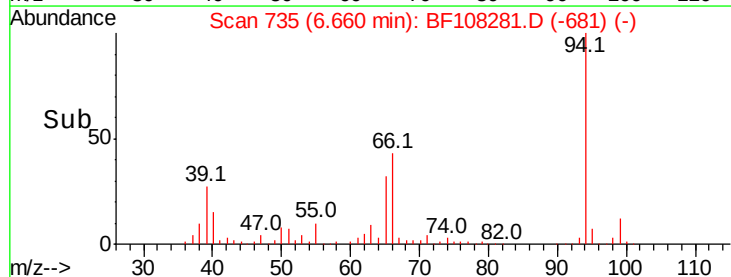
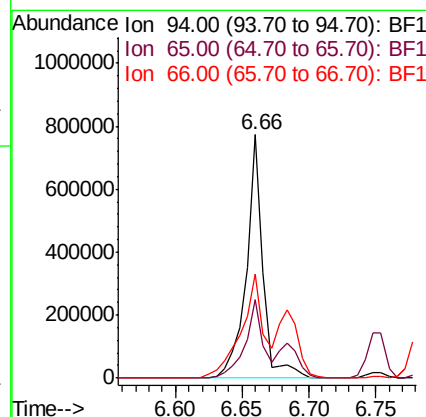
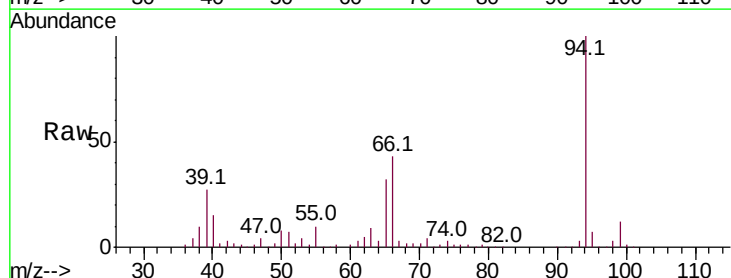
RT: 6.66 min Scan# 735

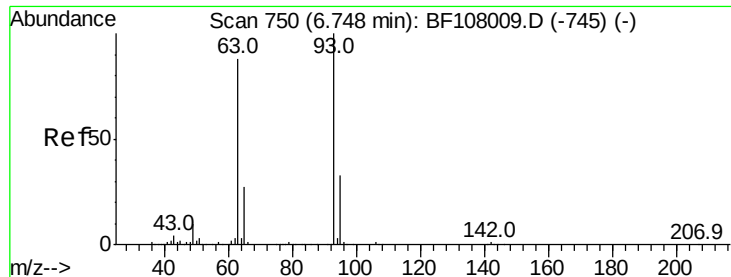
Delta R.T. 0.02 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	42.9	16.2	56.2





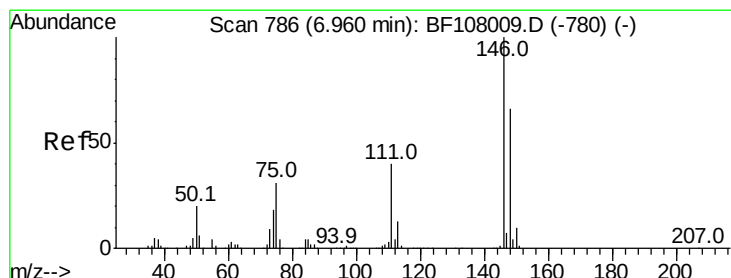
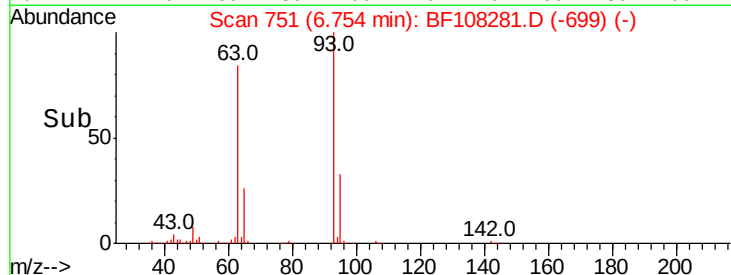
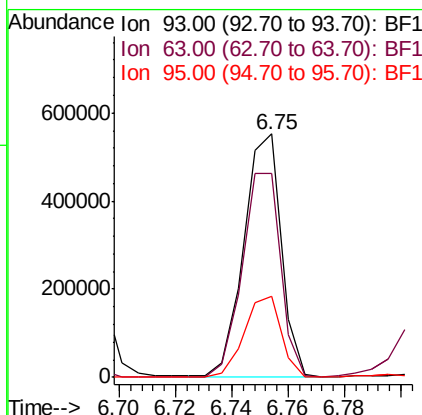
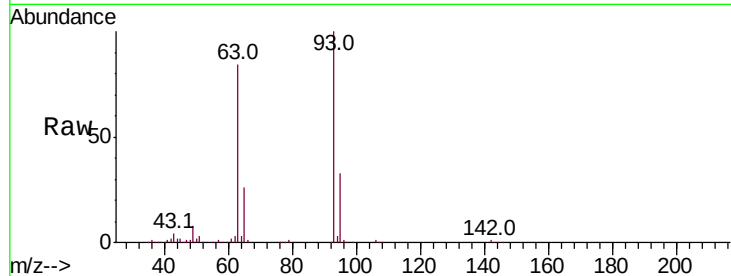
#11
bis(2-Chloroethyl)ether
Concen: 48.604 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	505355		
63	83.5	58.6	98.6	
95	33.2	11.8	51.8	

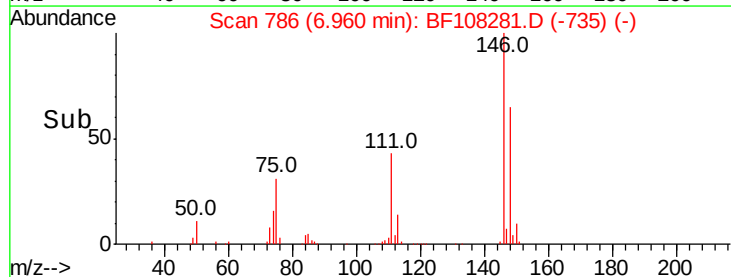
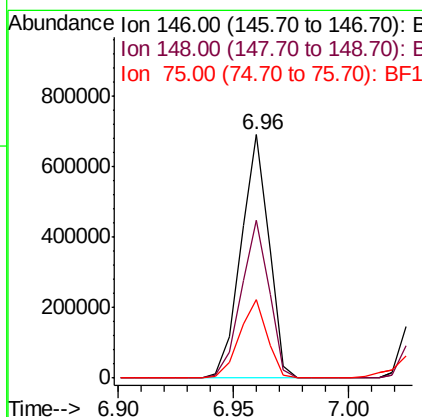
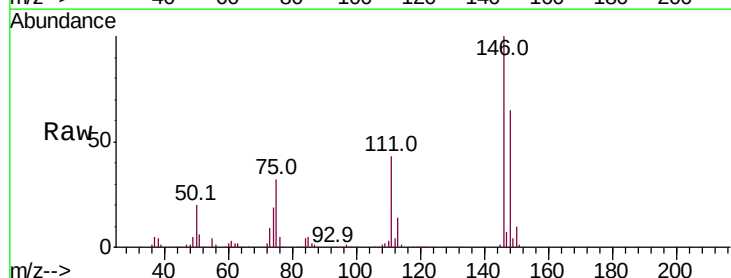
Manual Integrations
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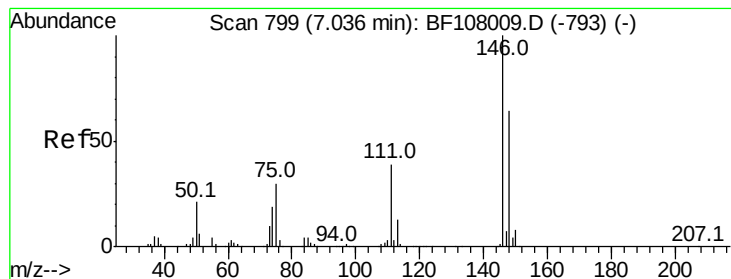
Sohil
8/21/2018 1:42:41 PM



#12
1,3-Dichlorobenzene
Concen: 47.739 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	581670		
148	64.7	51.8	77.8	
75	32.0	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 48.337 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

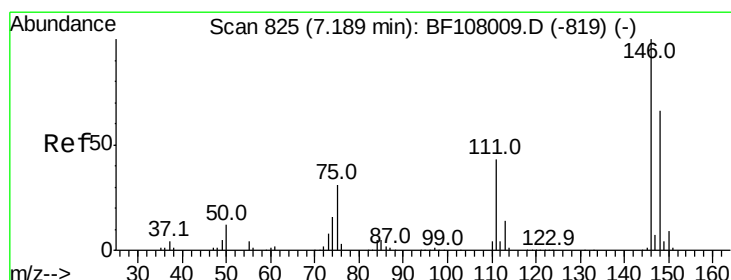
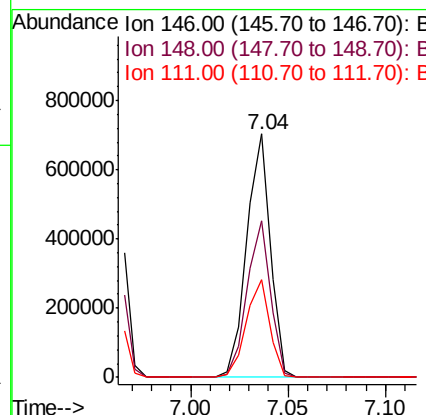
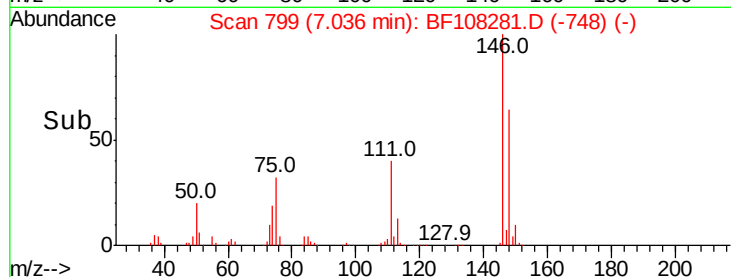
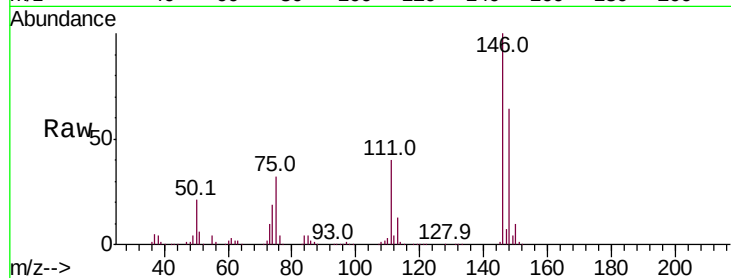
ClientSampleId :

PB112114BSD

Tot Ion:	146	Resp:	591742
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	39.9	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 47.969 ng

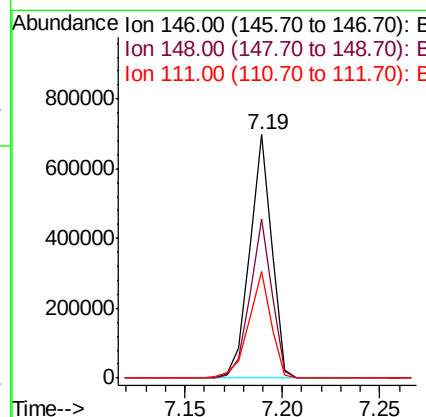
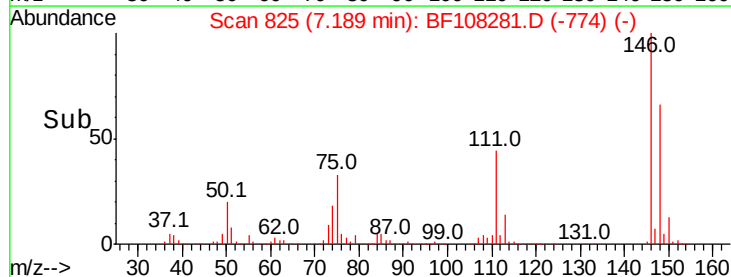
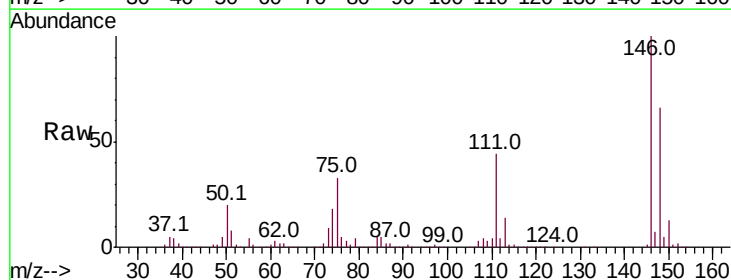
RT: 7.19 min Scan# 825

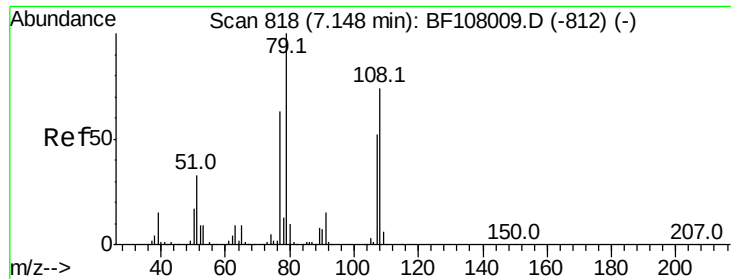
Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion:	146	Resp:	546218
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 45.849 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

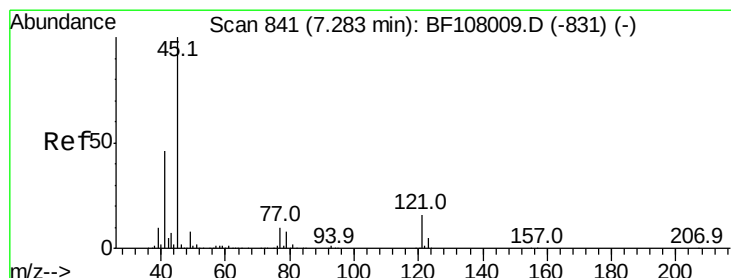
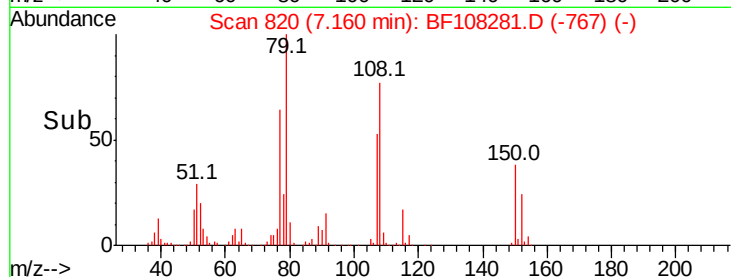
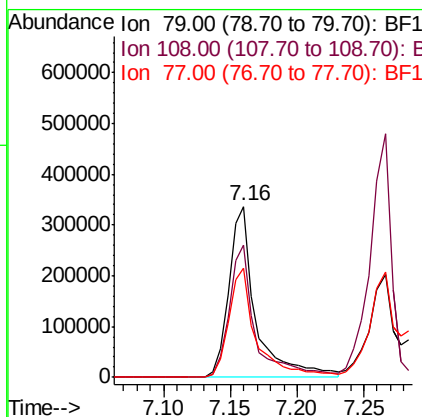
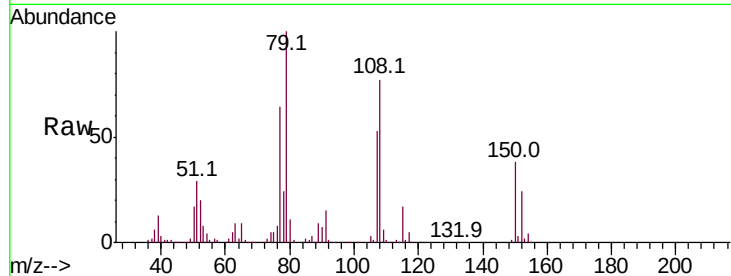
ClientSampleId :

PB112114BSD

Tot Ion:	79	Resp:	479894
Ion Ratio	Lower	Upper	
79	100		
108	77.0	65.1	97.7
77	64.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.932 ng

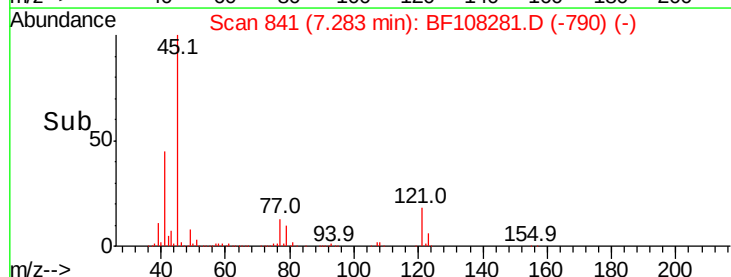
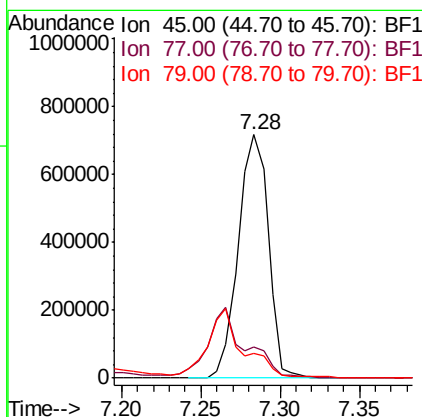
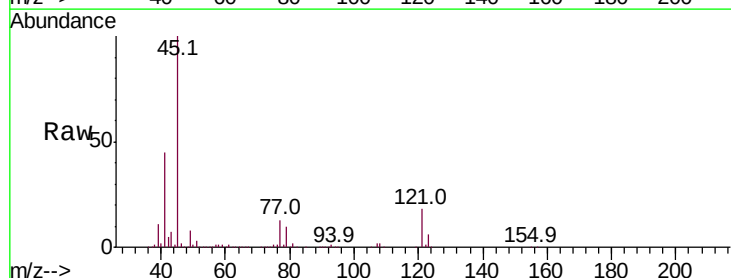
RT: 7.28 min Scan# 841

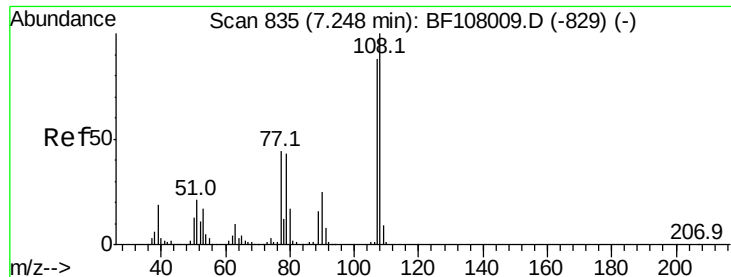
Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion:	45	Resp:	940998
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.9
79	10.2	0.0	29.6





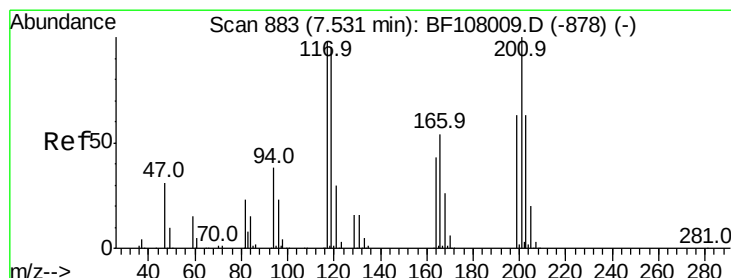
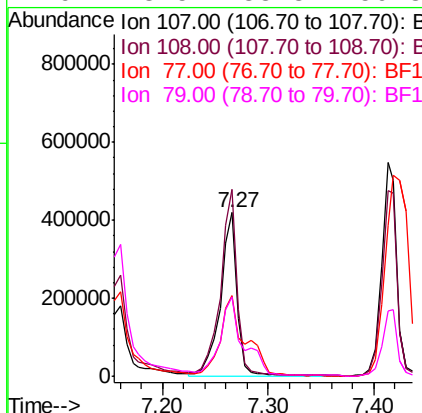
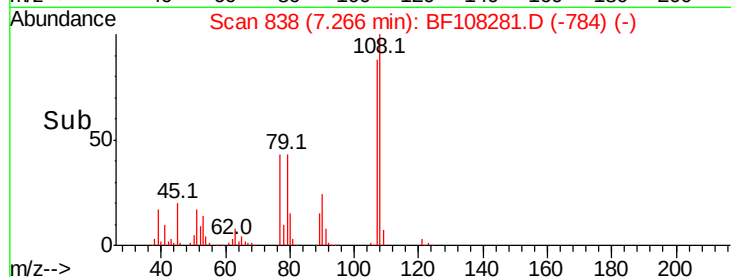
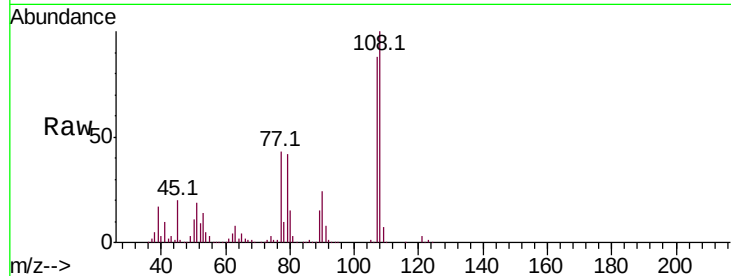
#17
2-Methylphenol
Concen: 51.361 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.7	137.5	
77	49.6	33.8	50.8	
79	48.5	33.8	50.8	

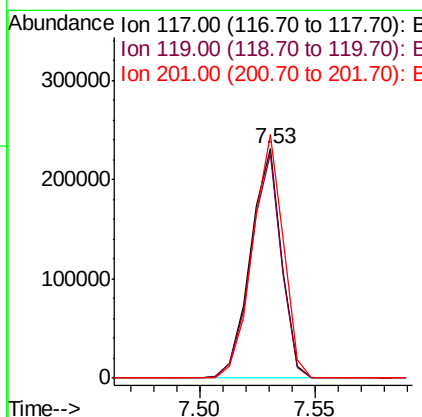
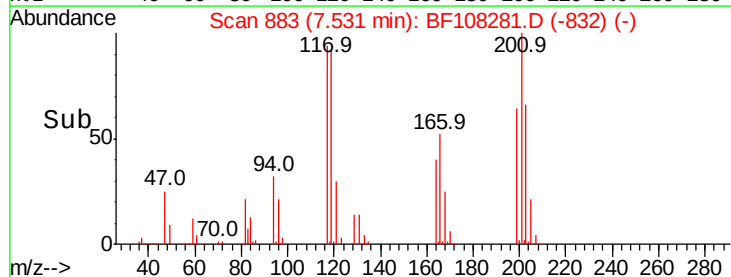
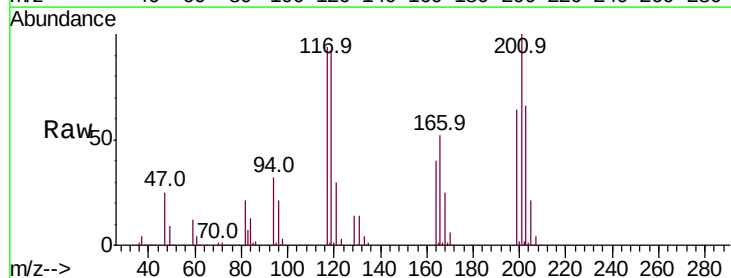
Manual Integrations
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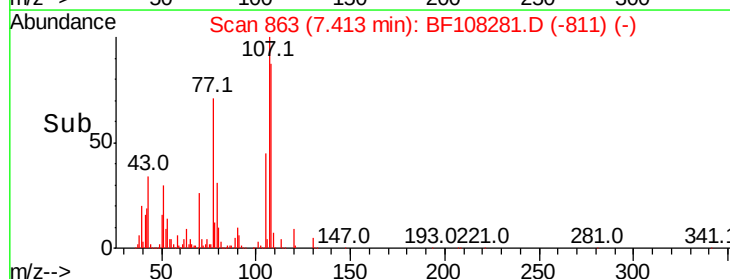
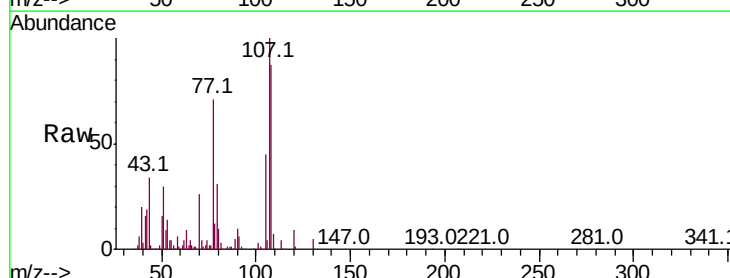
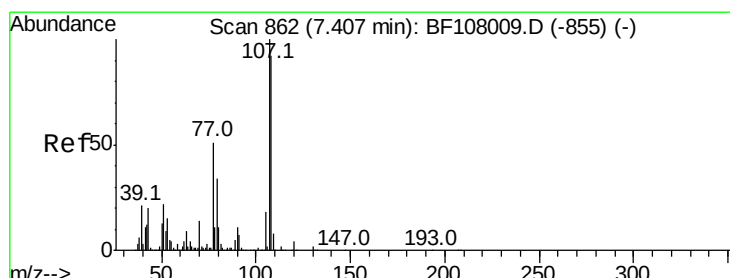
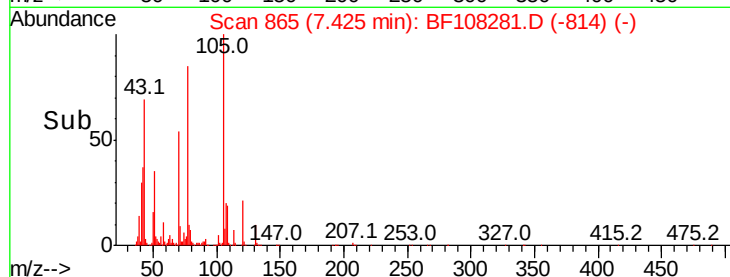
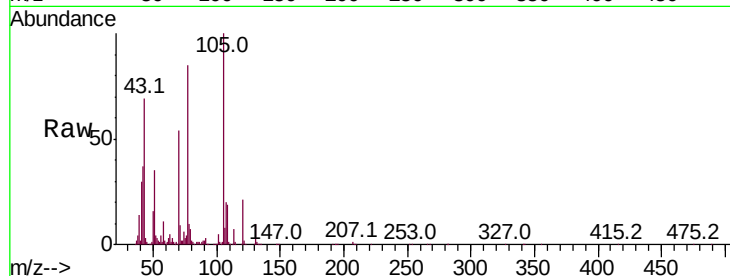
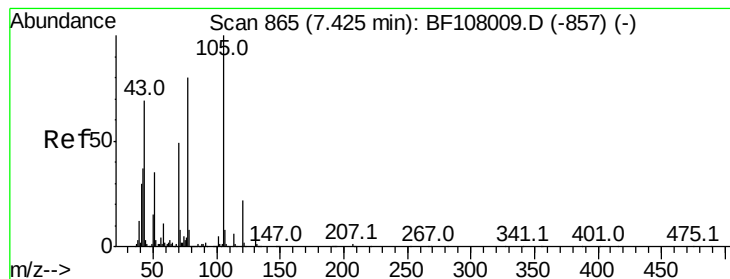
Sohil
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#18
Hexachloroethane
Concen: 49.543 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	75.8	113.8	
201	106.3	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 47.388 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion: 70 Resp: 398430

Ion Ratio Lower Upper

70 100

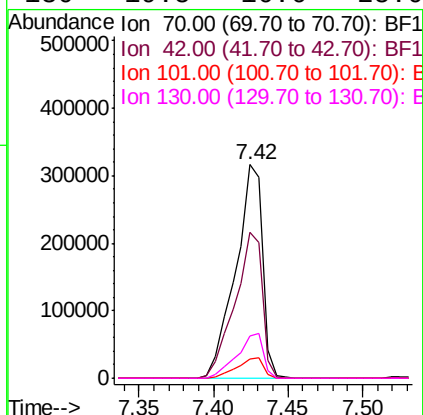
42 68.2 47.5 71.3

101 8.9 7.4 11.2

130 19.5 16.6 25.0

Manual Integrations
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#20

3+4-Methylphenols

Concen: 48.105 ng

RT: 7.41 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion: 107 Resp: 557075

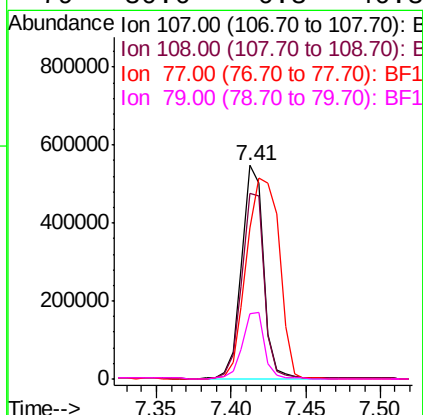
Ion Ratio Lower Upper

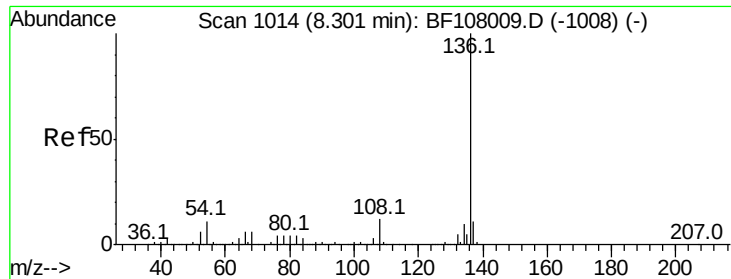
107 100

108 87.2 68.2 108.2

77 70.7 26.7 66.7#

79 30.6 6.3 46.3





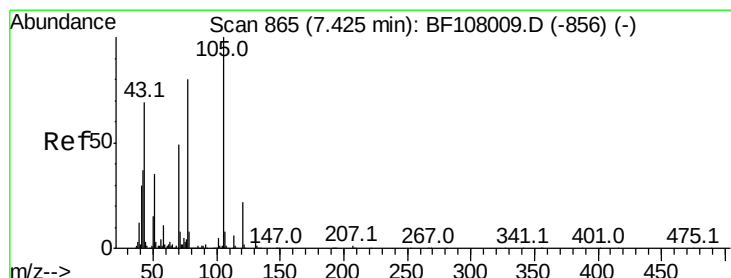
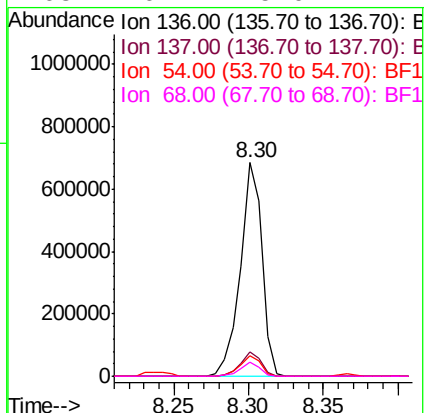
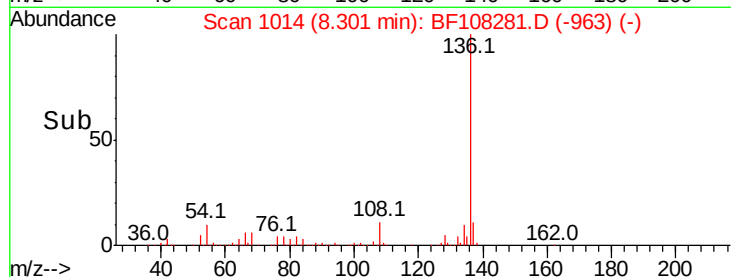
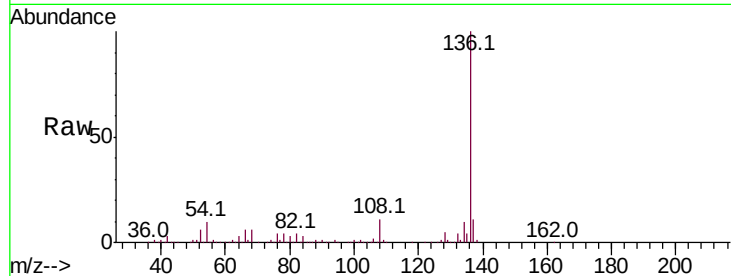
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	691272		
137	11.2		8.9	13.3
54	9.8		6.6	9.8
68	6.4		5.0	7.4

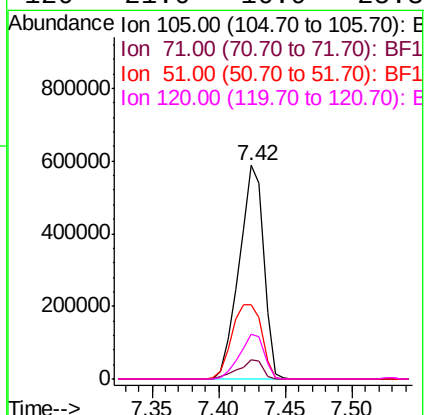
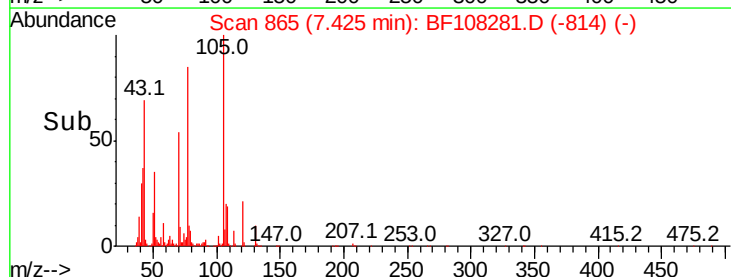
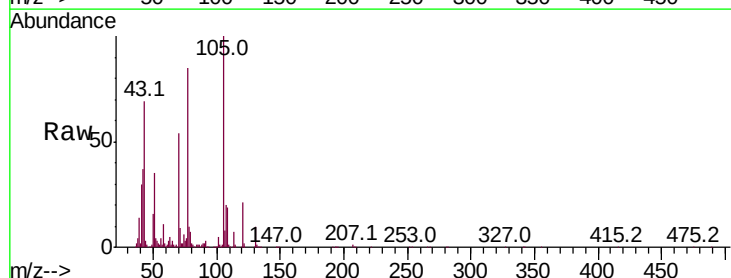
Manual Integrations
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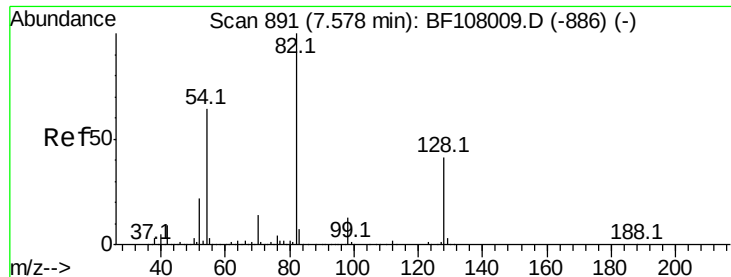
Sohil
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#22
Acetophenone
Concen: 46.445 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	750721		
71	9.2		4.4	6.6#
51	34.6		22.3	33.5#
120	21.0		16.9	25.3





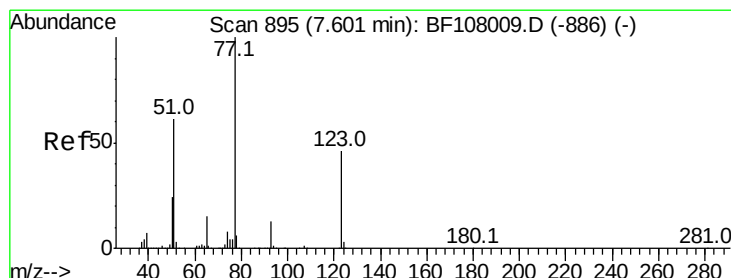
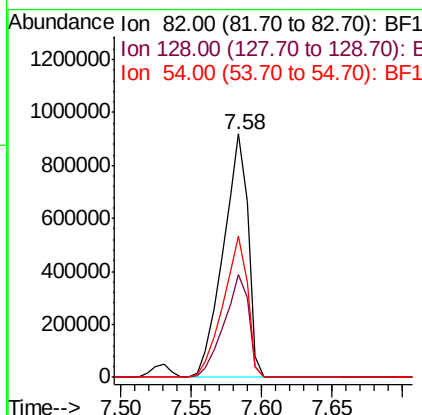
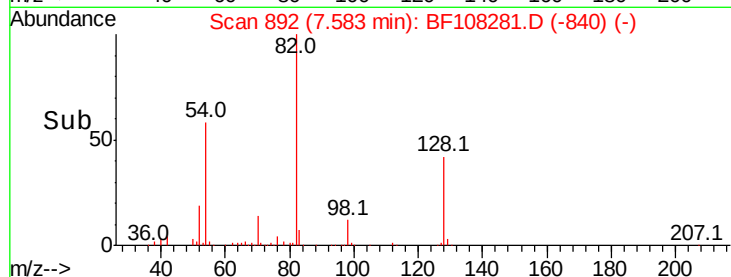
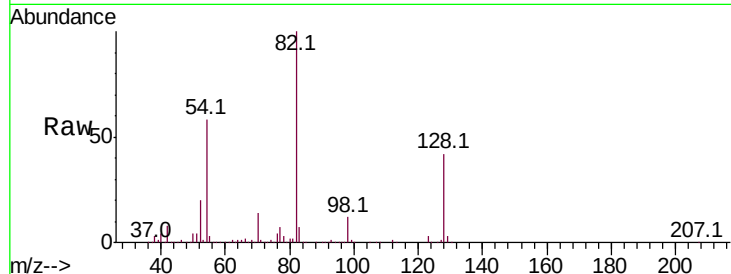
#23
 Nitrobenzene-d5
 Concen: 90.443 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	58.2	41.4	62.2

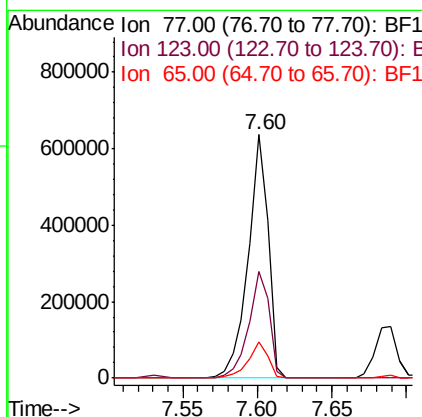
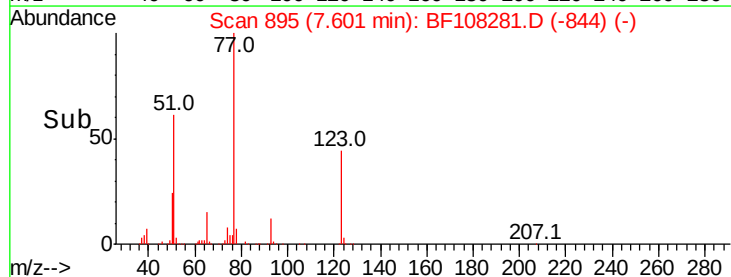
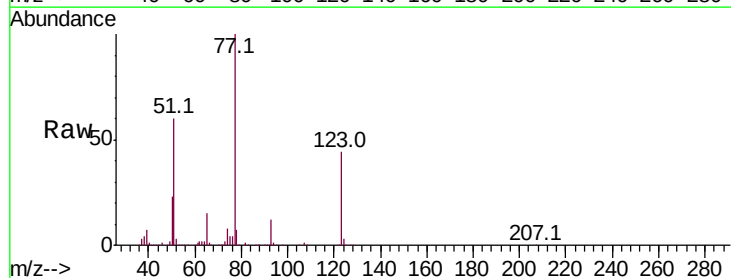
Manual Integrations
 APPROVED

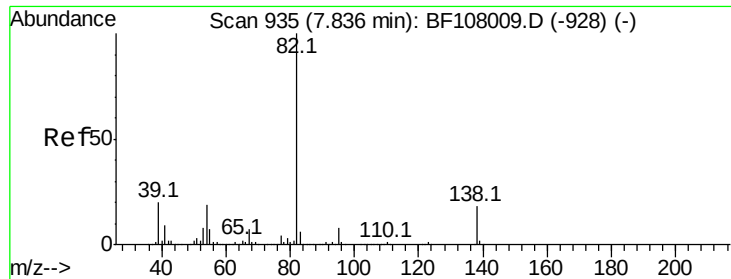
Sohil
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#24
 Nitrobenzene
 Concen: 47.130 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 46.094 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion: 82 Resp: 1088383

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

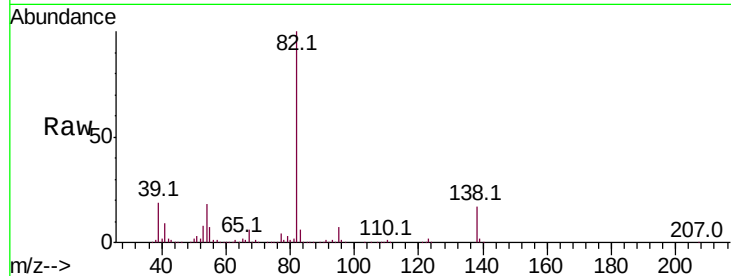
138 17.2 14.9 22.3

Manual Integrations

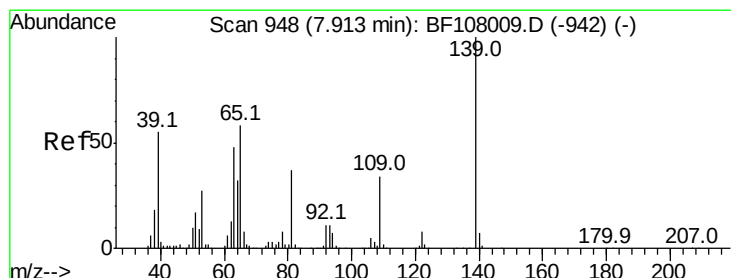
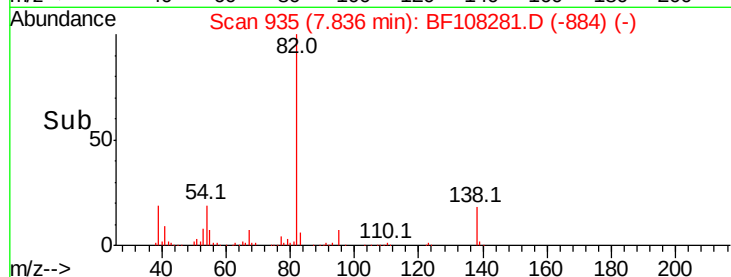
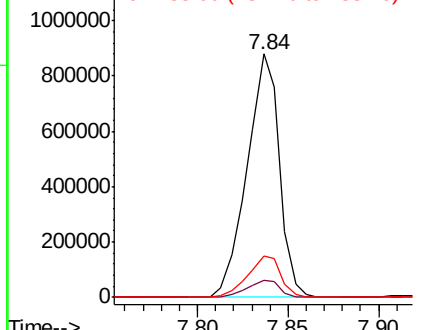
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.099 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

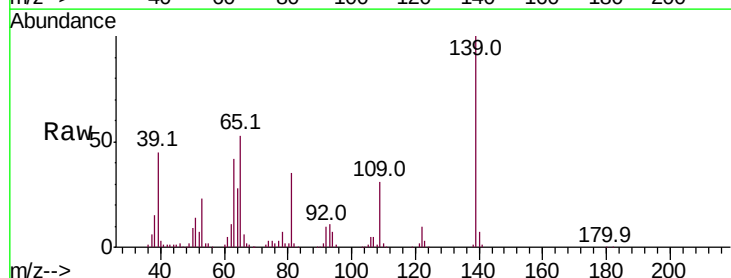
Tgt Ion: 139 Resp: 265391

Ion Ratio Lower Upper

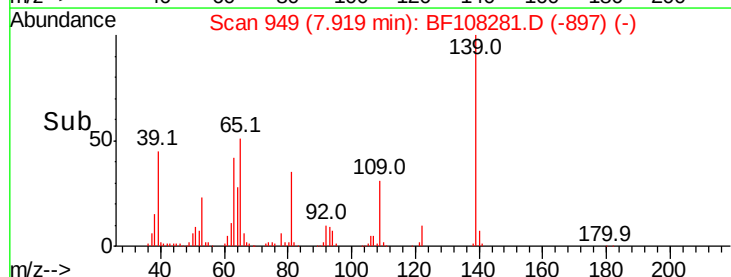
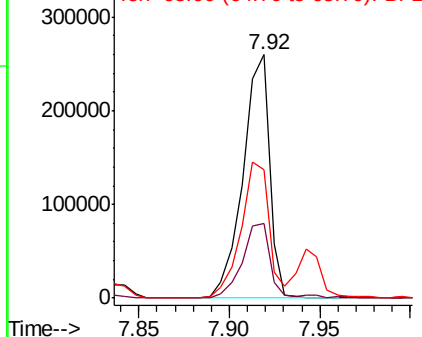
139 100

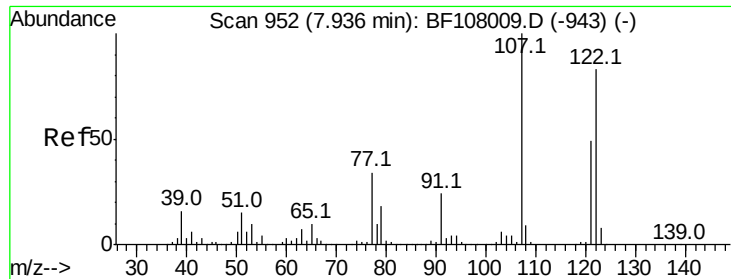
109 30.6 22.7 34.1

65 53.0 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 48.770 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

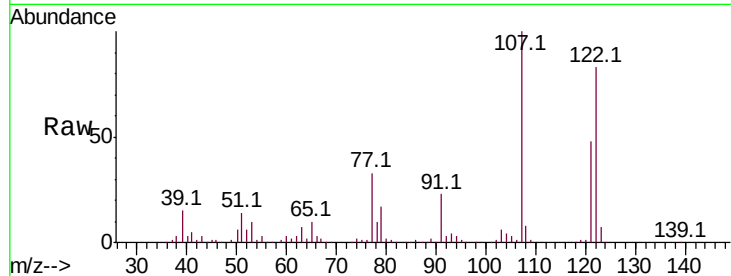
ClientSampleId :

PB112114BSD

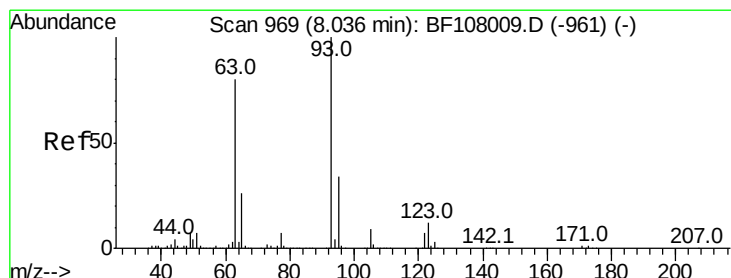
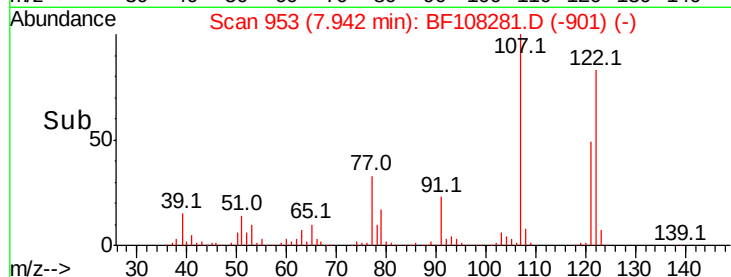
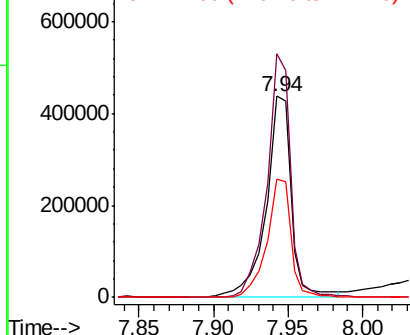
Tot Ion:	122	Resp:	511099
Ion Ratio	Lower	Upper	
122	100		
107	121.0	91.2	136.8
121	58.7	47.2	70.8

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8/21/2018 1:42:41 PM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.574 ng

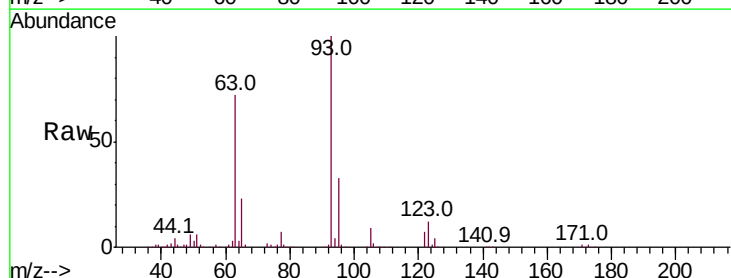
RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

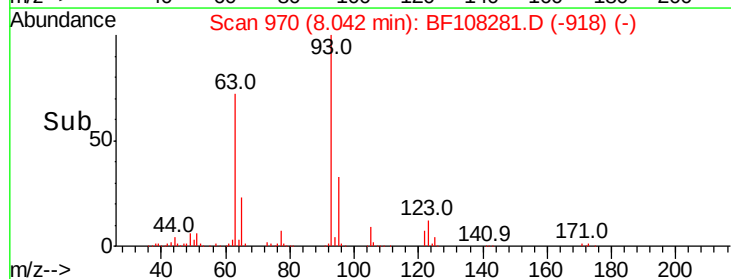
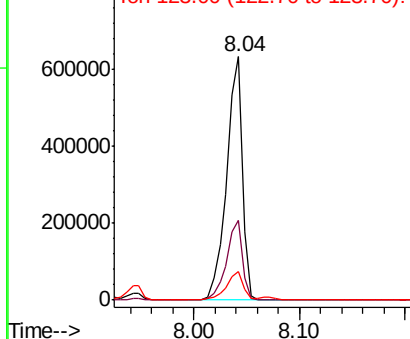
Lab File: BF108281.D

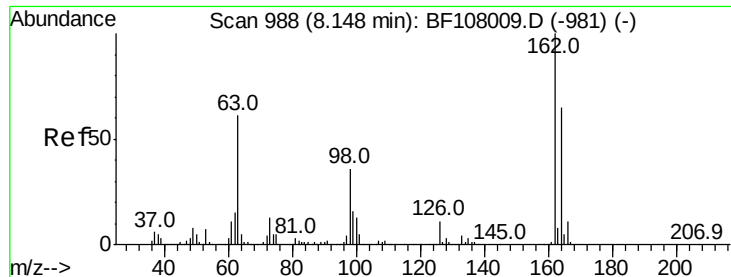
Acq: 20 Aug 2018 11:18

Tgt Ion:	93	Resp:	655773
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.7	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





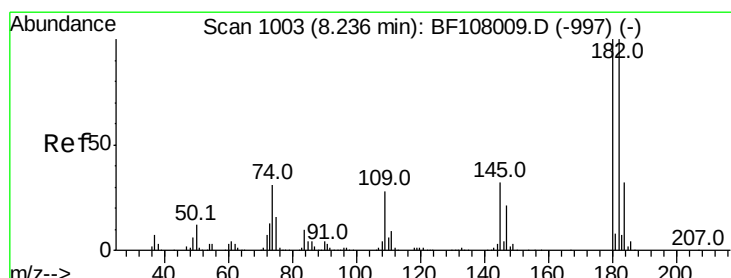
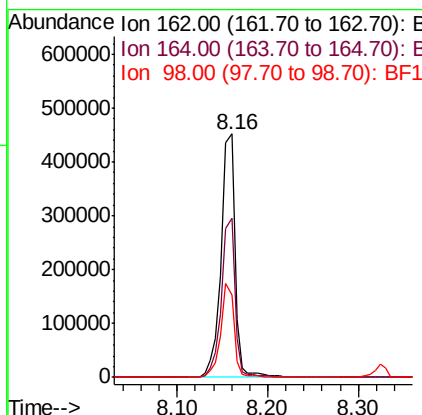
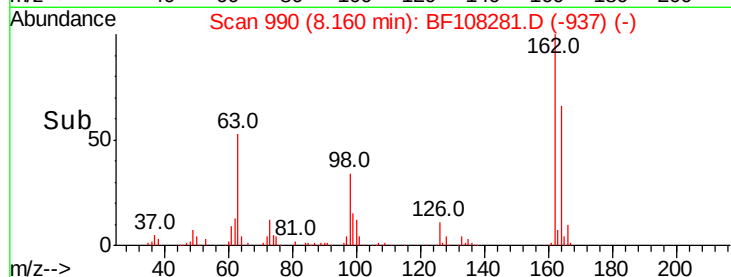
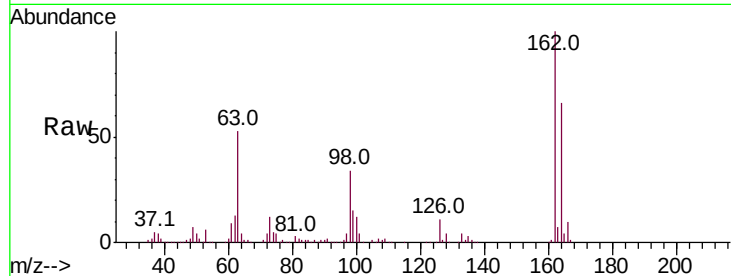
#29
2,4-Dichlorophenol
Concen: 49.810 ng
RT: 8.16 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	480371		
164	65.5	42.7	82.7	
98	33.7	18.1	58.1	

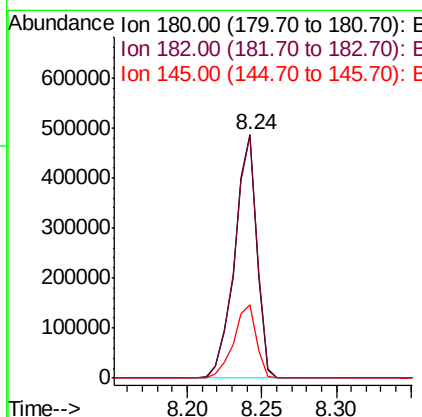
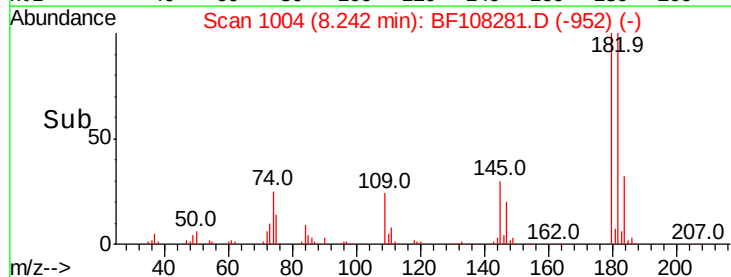
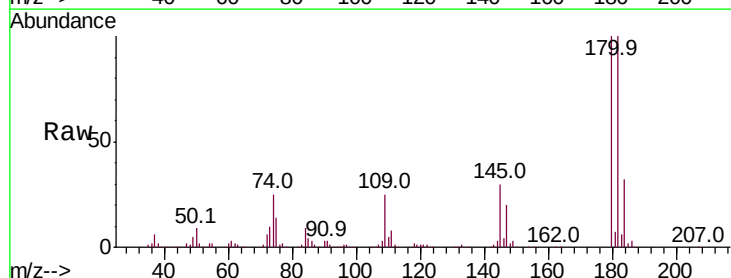
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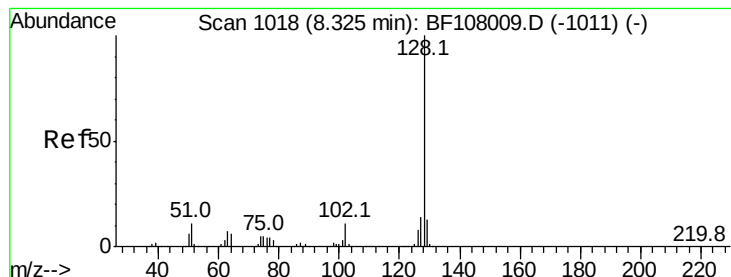
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#30
1,2,4-Trichlorobenzene
Concen: 47.547 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	505570		
182	99.7	76.8	115.2	
145	30.3	26.5	39.7	





#31

Naphthalene

Concen: 48.756 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion:128 Resp: 1532768

Ion Ratio Lower Upper

128 100

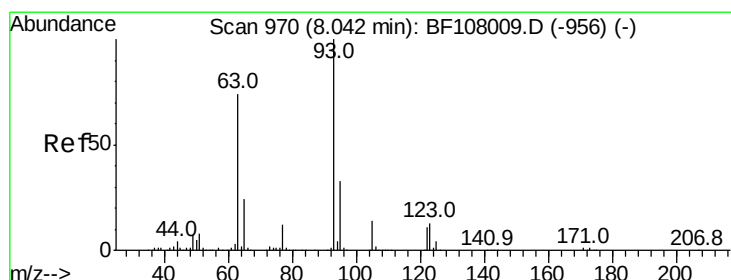
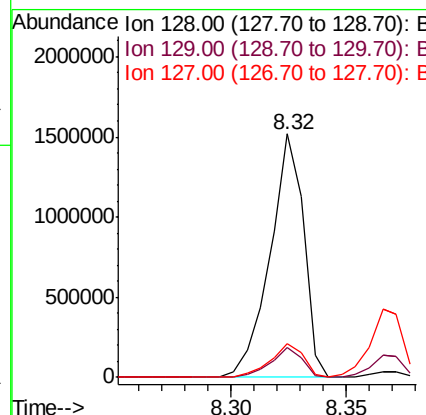
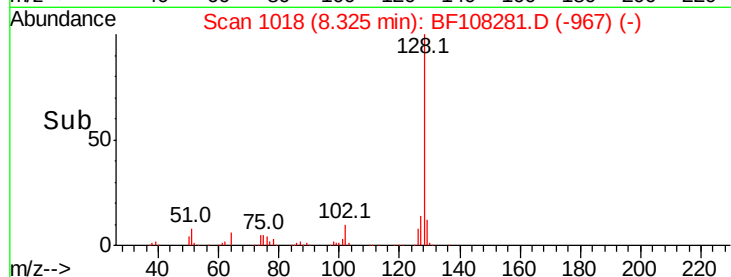
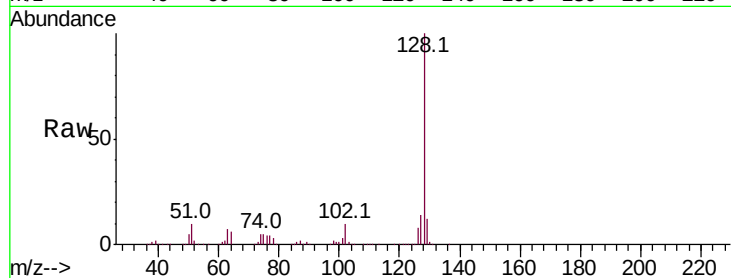
129 12.2 8.8 13.2

127 13.8 10.9 16.3

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8/21/2018 1:42:41 PM



#32

Benzoic acid

Concen: 40.063 ng

RT: 8.07 min Scan# 975

Delta R.T. 0.03 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

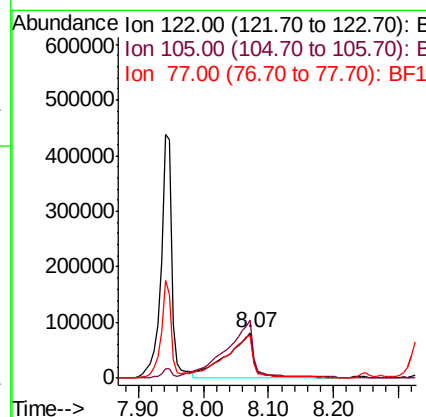
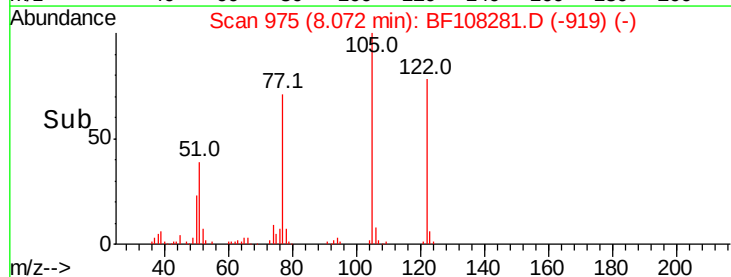
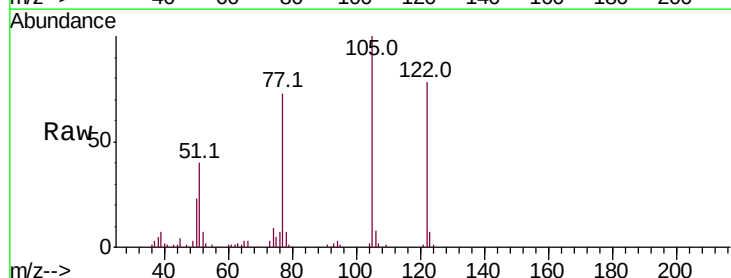
Tgt Ion:122 Resp: 236775

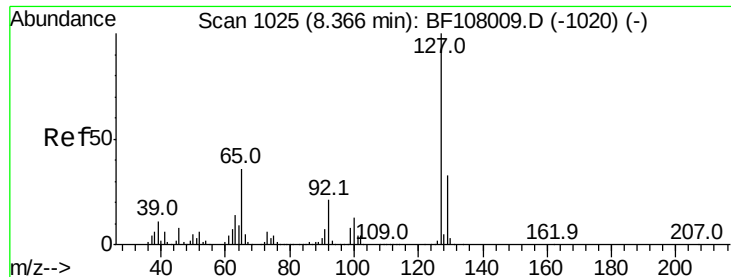
Ion Ratio Lower Upper

122 100

105 128.1 101.1 141.1

77 93.8 70.7 110.7





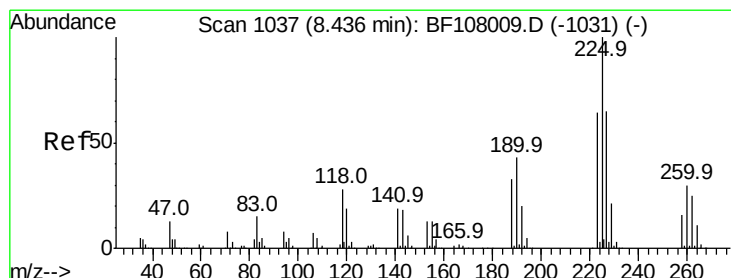
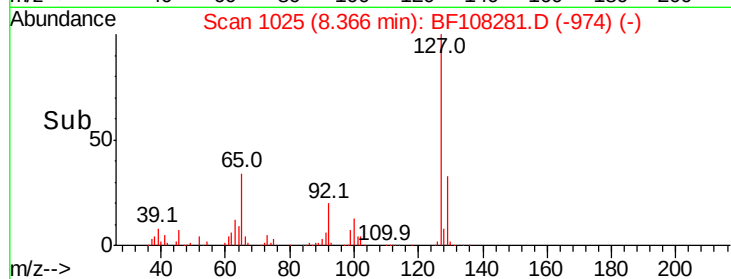
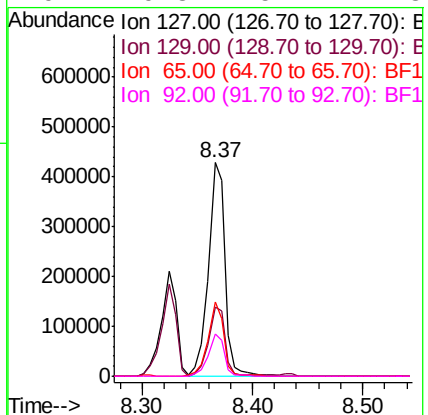
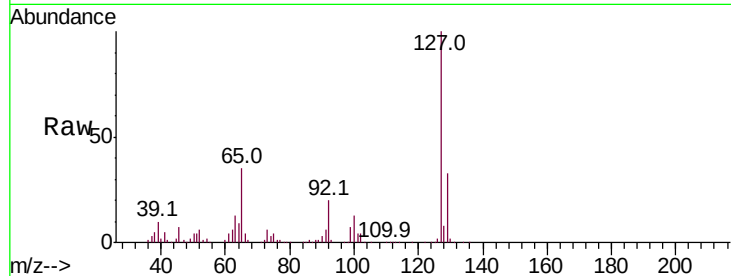
#33
 4-Chloroaniline
 Concen: 31.615 ng
 RT: 8.37 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	34.5	25.0	37.4	
92	19.8	15.2	22.8	

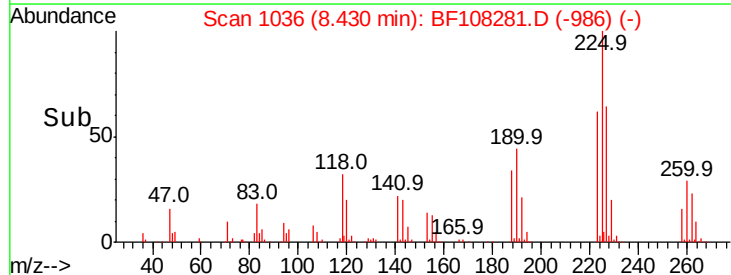
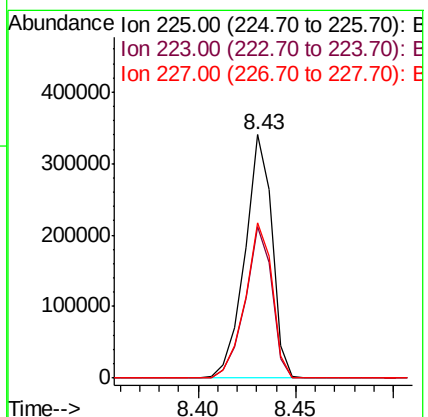
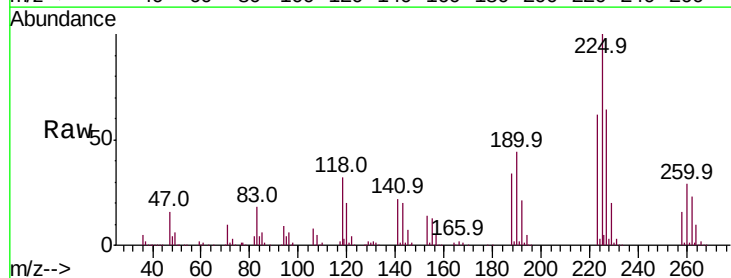
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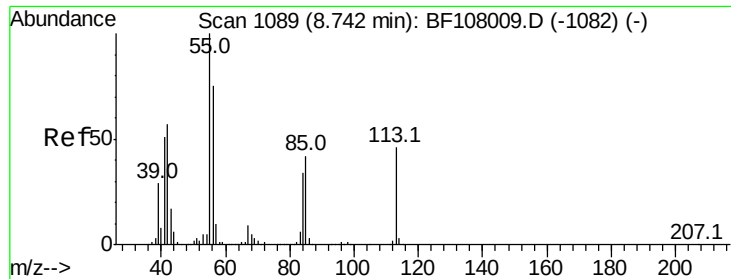
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#34
 Hexachlorobutadiene
 Concen: 48.625 ng
 RT: 8.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.6	76.0	
227	63.8	51.9	77.9	





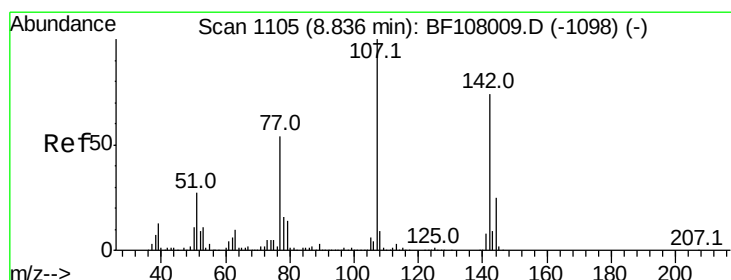
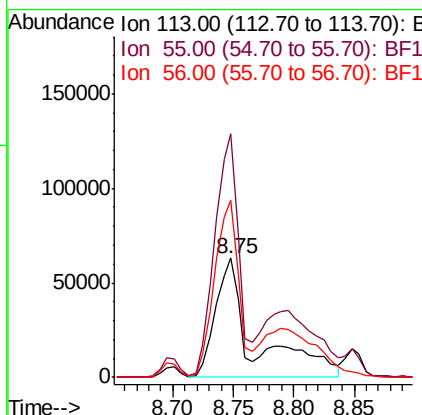
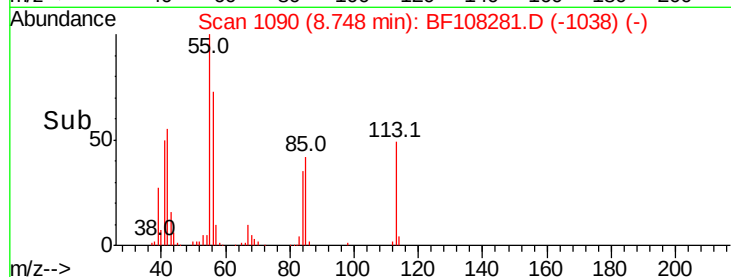
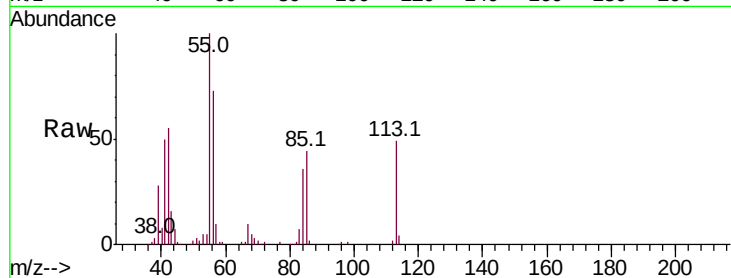
#35
Caprolactam
Concen: 46.523 ng/ml
RT: 8.75 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.0	163.3	203.3#
56	148.2	115.7	155.7

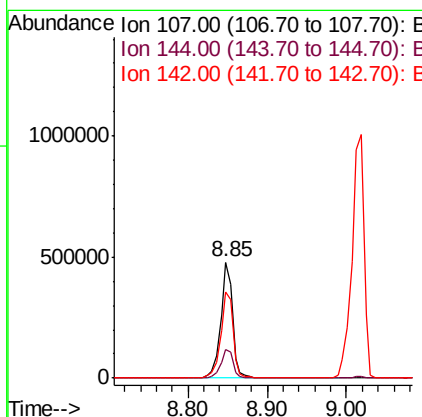
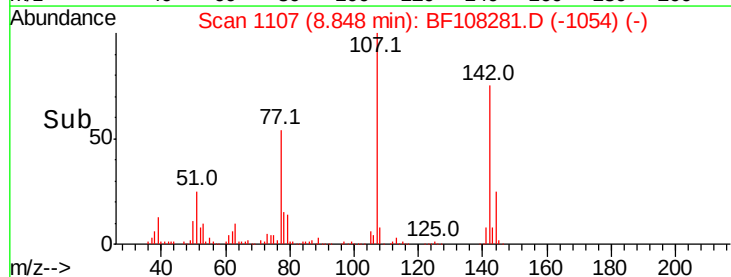
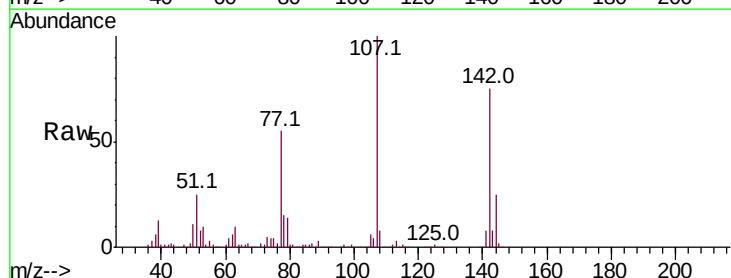
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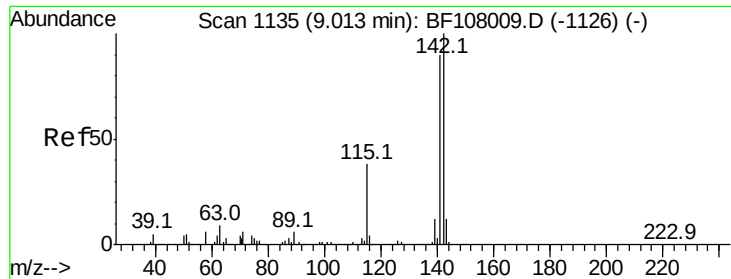
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#36
4-Chloro-3-methylphenol
Concen: 48.140 ng/ml
RT: 8.85 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.5	30.7
142	74.5	62.0	93.0





#37

2-Methylnaphthalene

Concen: 47.813 ng

RT: 9.02 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

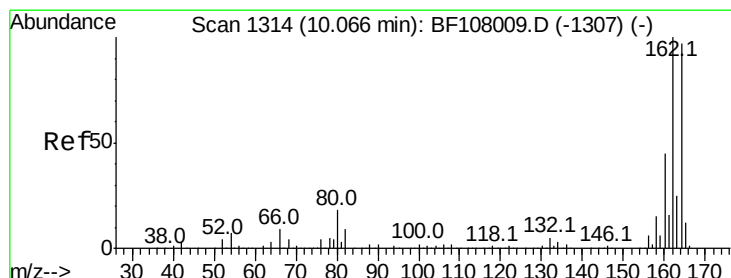
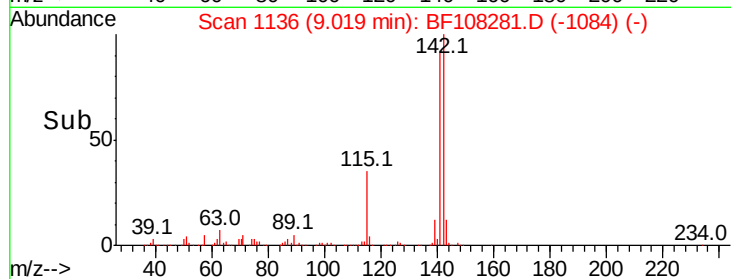
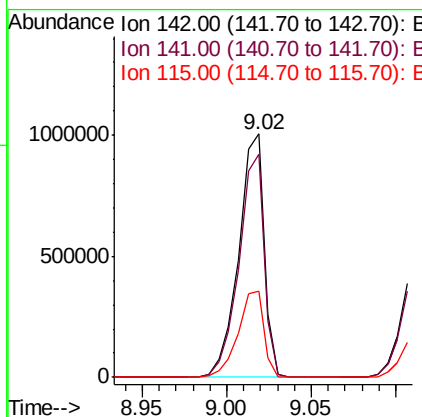
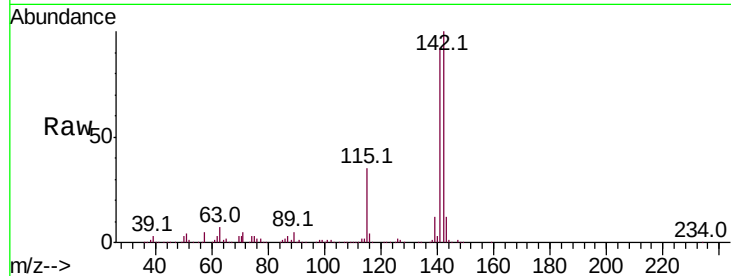
Instrument :
BNA_F

ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.8	106.2
115	35.2	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

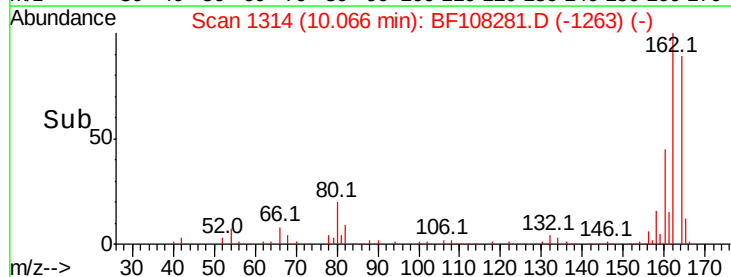
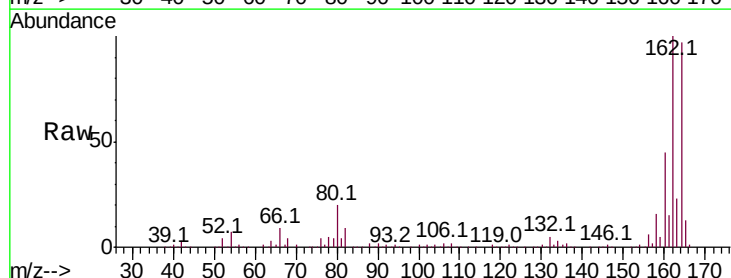
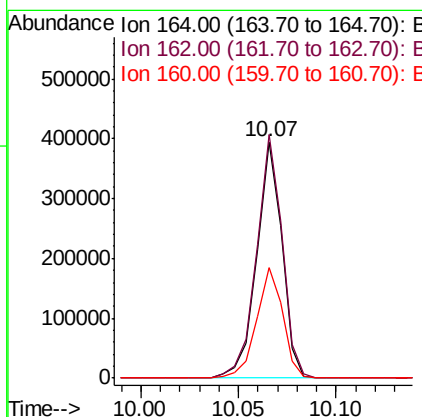
RT: 10.07 min Scan# 1314

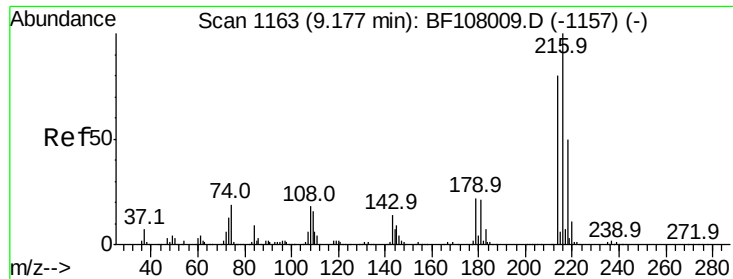
Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.5	38.3	57.5





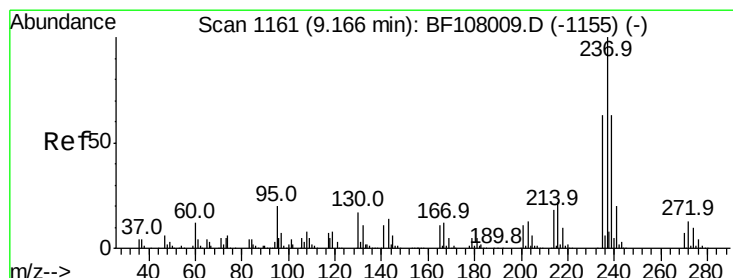
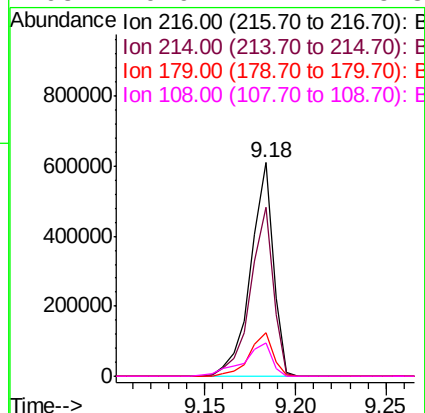
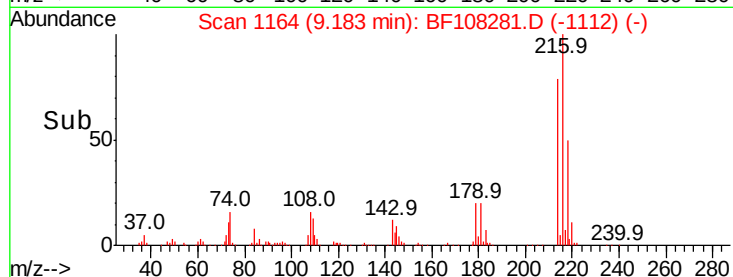
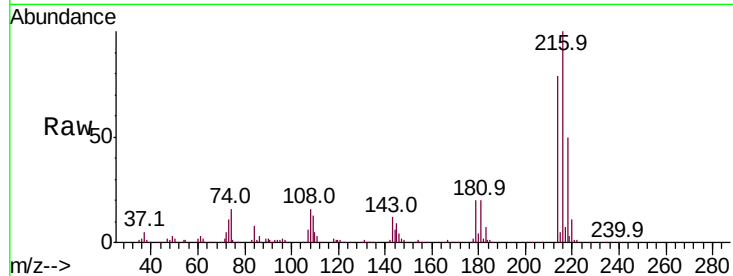
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.830 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	532241		
214	79.6	63.0	94.4	
179	20.6	18.1	27.1	
108	19.9	17.2	25.8	

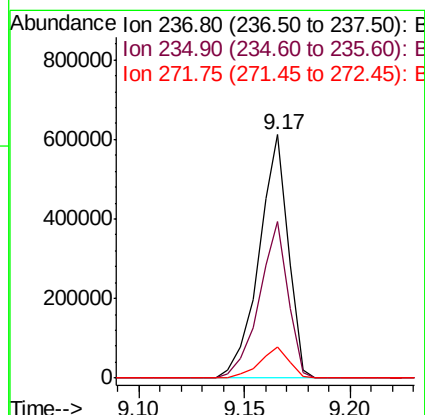
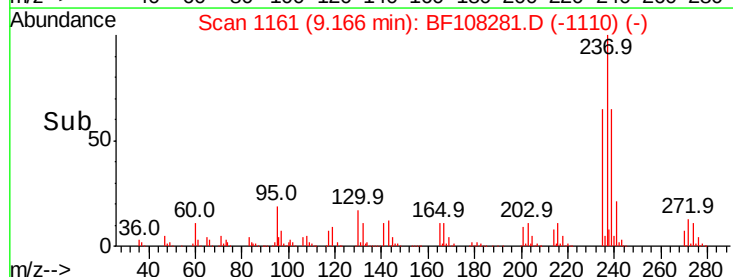
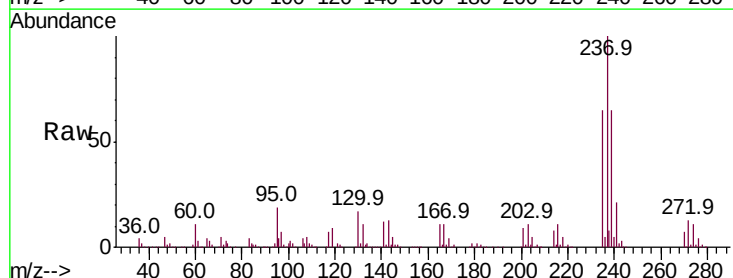
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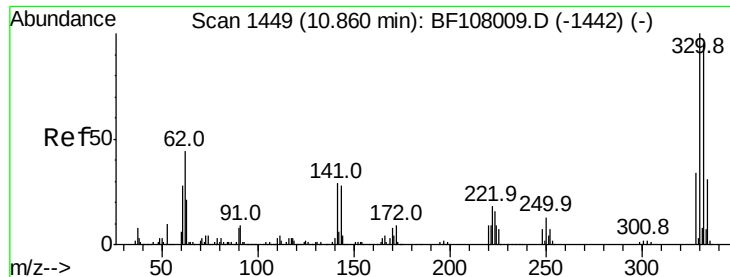
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#40
 Hexachlorocyclopentadiene
 Concen: 83.638 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	588844		
235	64.5	44.8	84.8	
272	13.0	0.0	33.3	





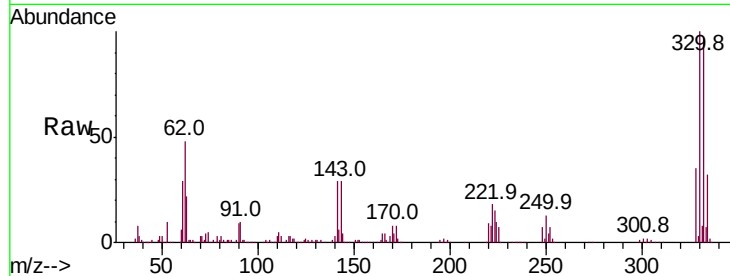
#41
 2,4,6-Tribromophenol
 Concen: 146.952 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

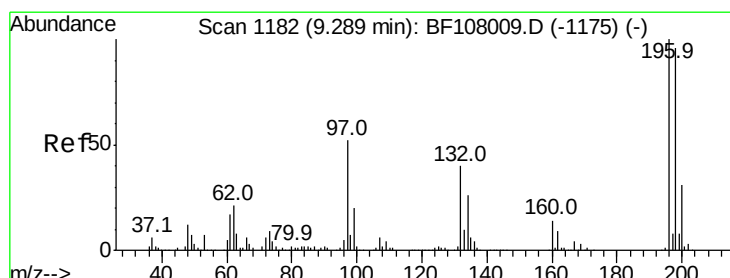
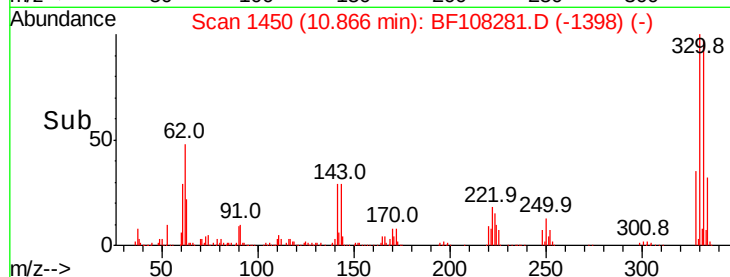
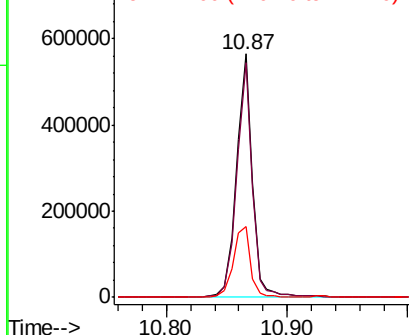
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	31.8	29.9	44.9	

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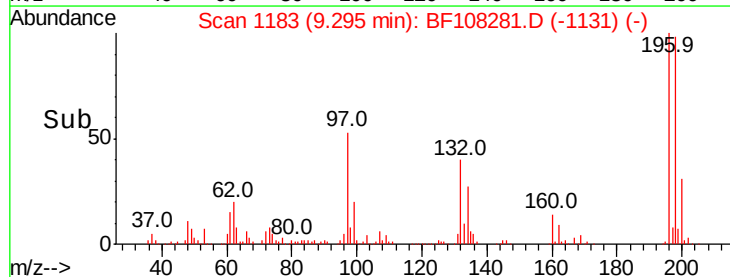
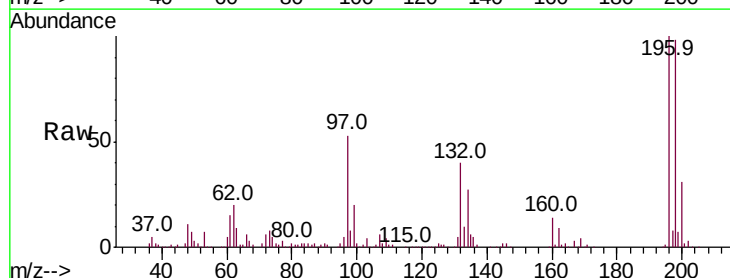
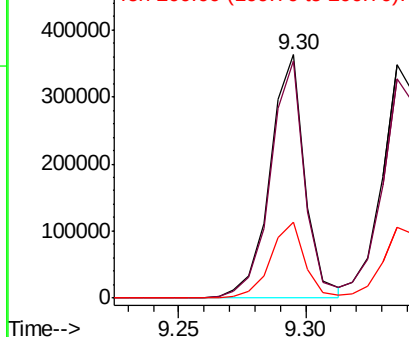
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

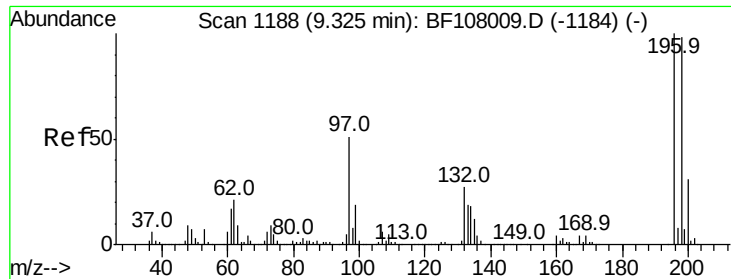


#42
 2,4,6-Trichlorophenol
 Concen: 51.858 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.6	75.7	113.5	
200	31.3	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





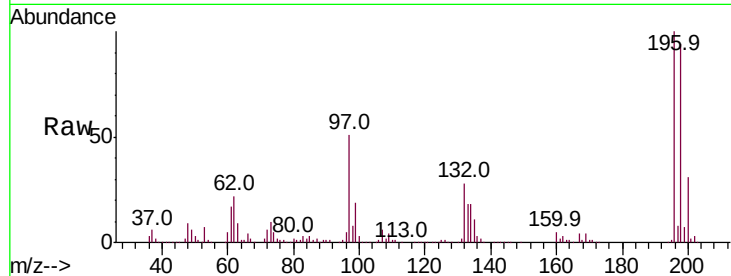
#43
 2,4,5-Trichlorophenol
 Concen: 52.198 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	388661		
198	94.0	74.6	112.0	
97	51.0	42.9	64.3	
132	27.6	26.3	39.5	

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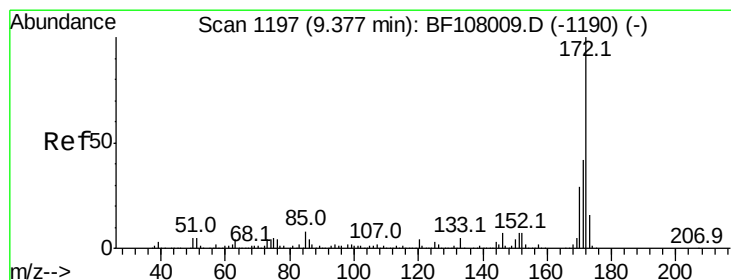
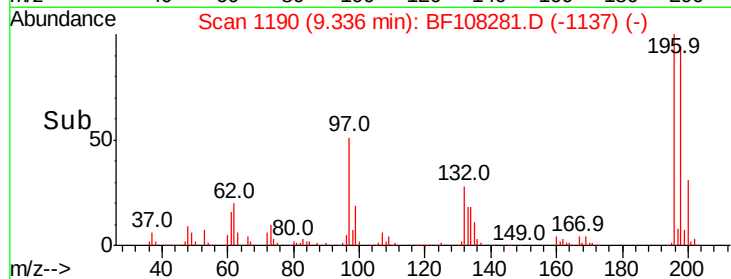
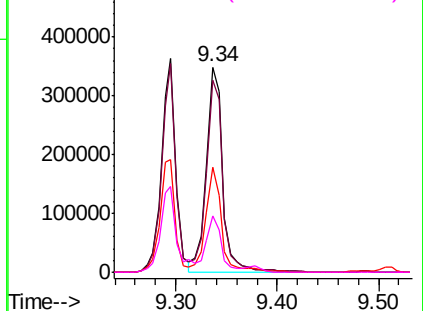
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.144 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

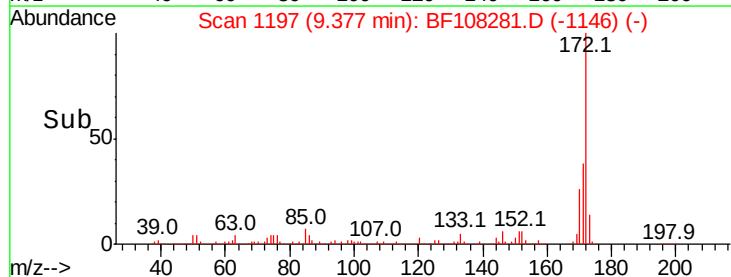
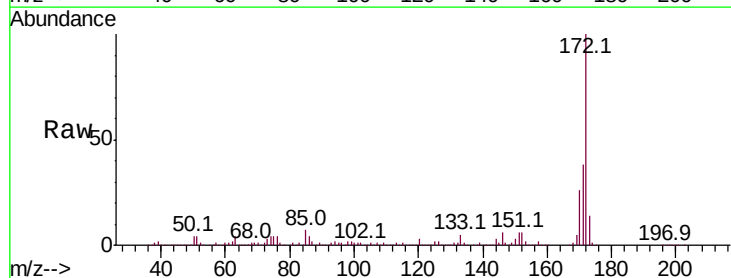
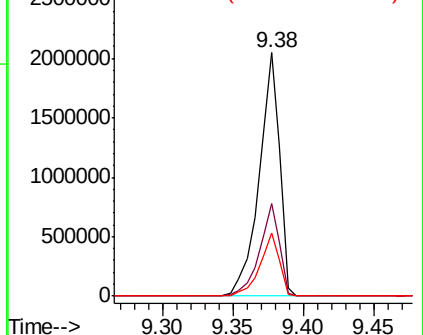
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2103490		
171	38.1	29.7	44.5	
170	25.7	19.6	29.4	

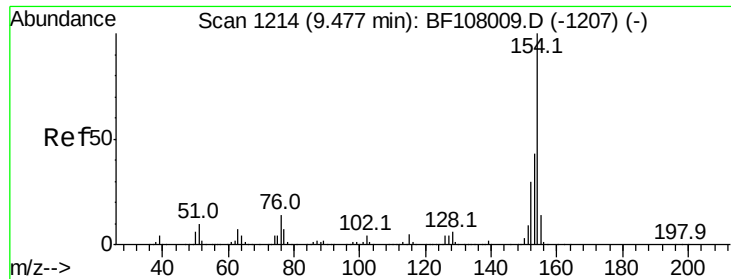
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.040 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion:154 Resp: 1283388

Ion Ratio Lower Upper

154 100

153 42.0 21.3 61.3

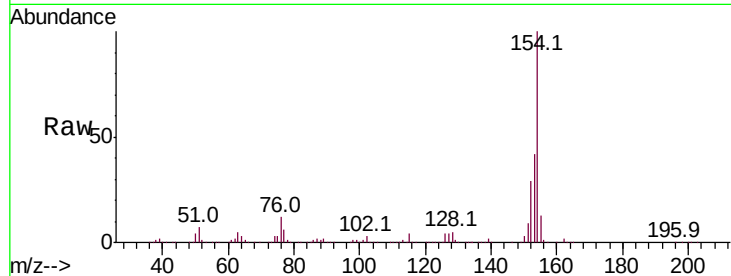
76 11.8 0.0 34.0

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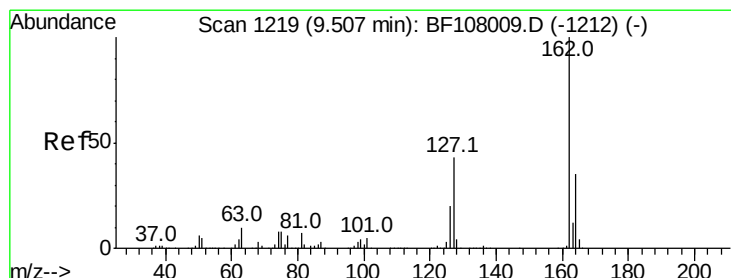
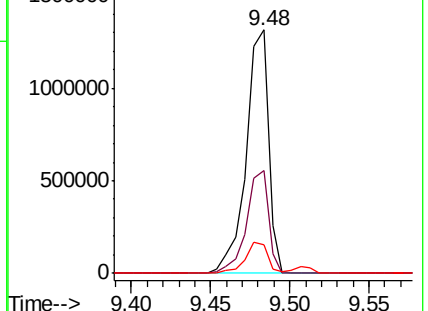
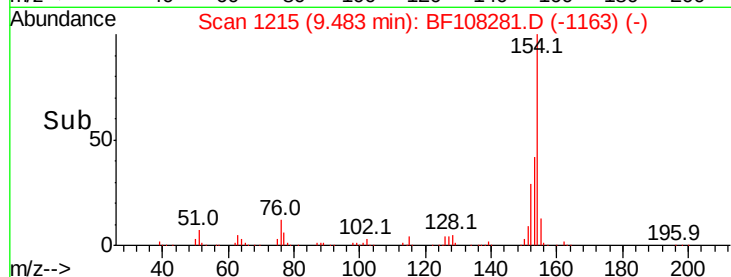
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 49.206 ng

RT: 9.51 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

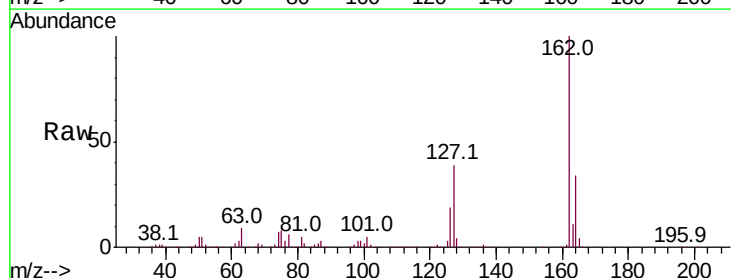
Tgt Ion:162 Resp: 1017759

Ion Ratio Lower Upper

162 100

127 38.9 33.9 50.9

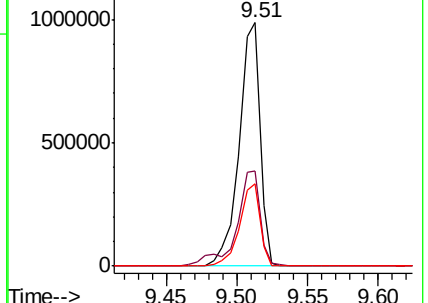
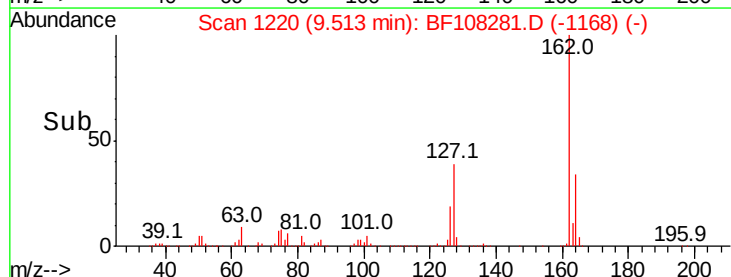
164 33.9 26.5 39.7

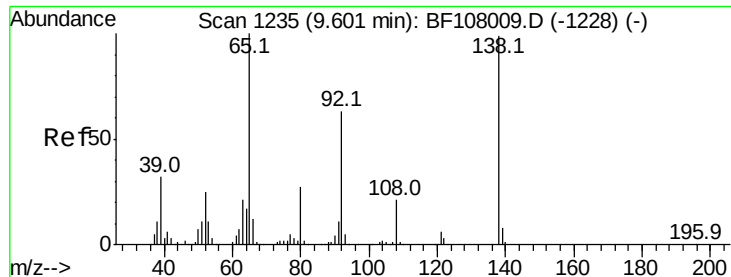


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





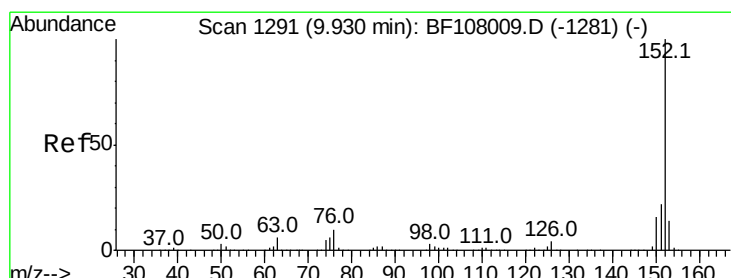
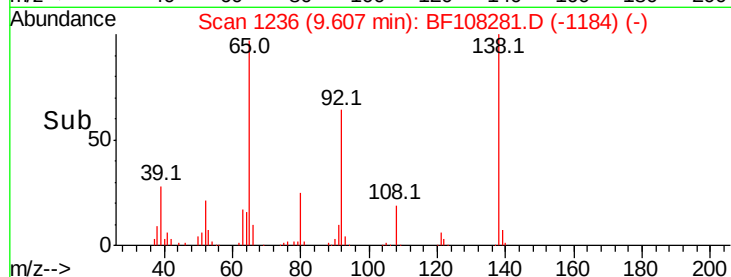
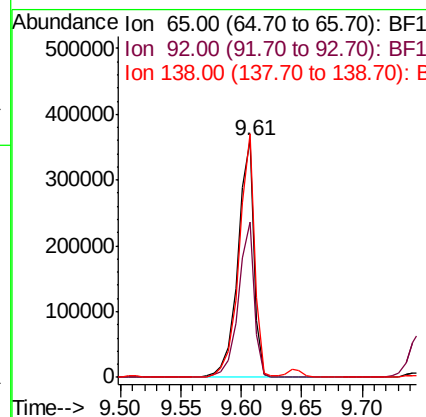
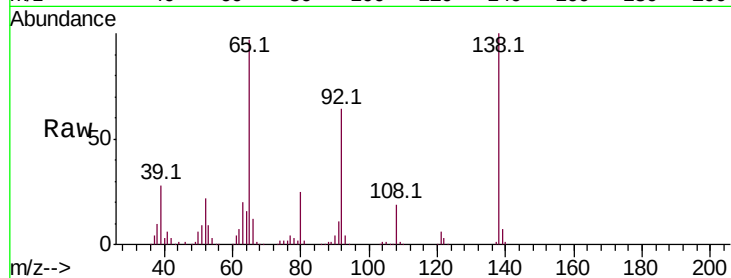
#47
2-Nitroaniline
Concen: 50.169 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	55.8	83.6
138	102.8	91.2	136.8

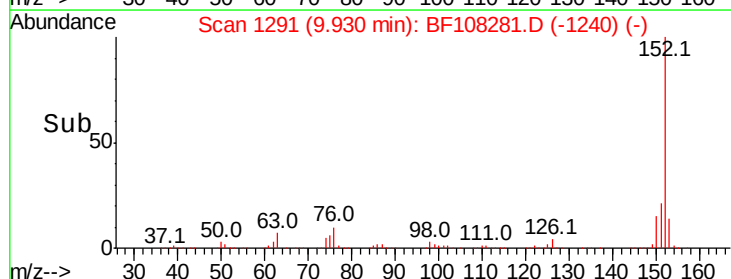
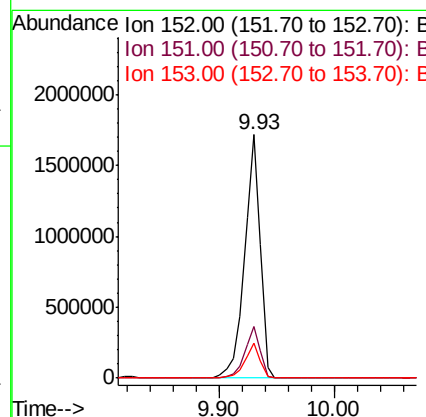
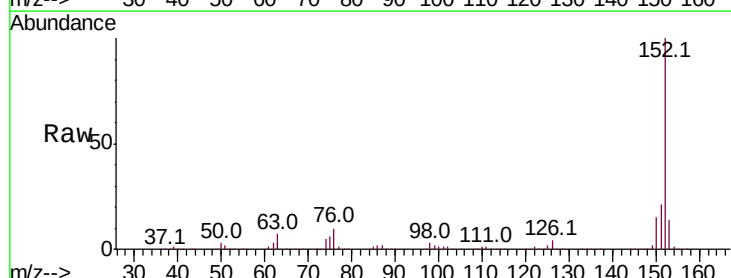
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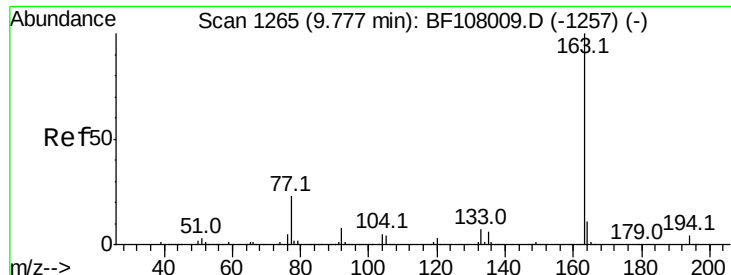
Sohil
8/21/2018 1:42:41 PM



#48
Acenaphthylene
Concen: 49.061 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	14.2	10.7	16.1





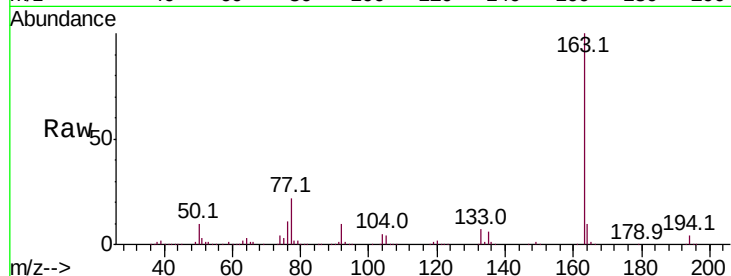
#49
 Dimethylphthalate
 Concen: 48.239 ng
 RT: 9.78 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

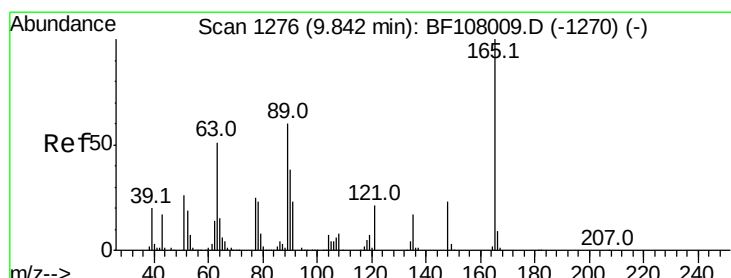
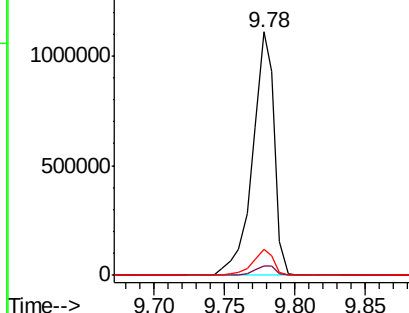
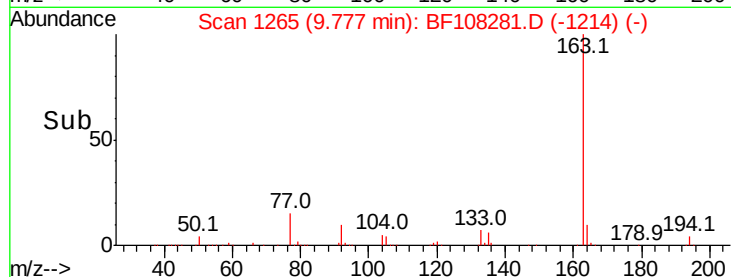
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.4	8.2	12.2

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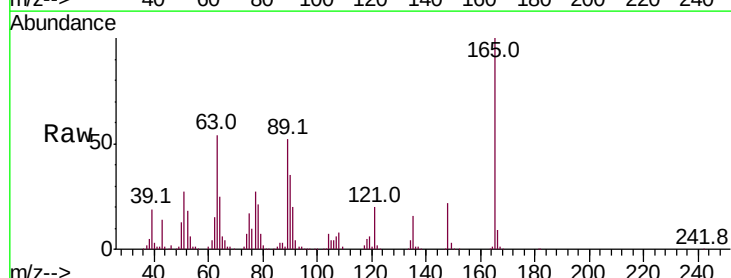


Abundance Ion 163.00 (162.70 to 163.70): E
 1500000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

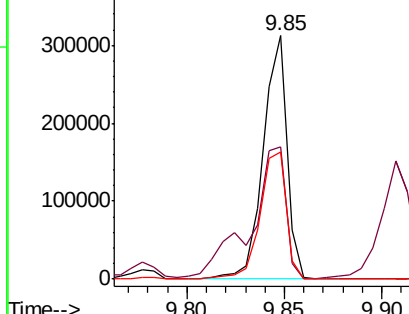
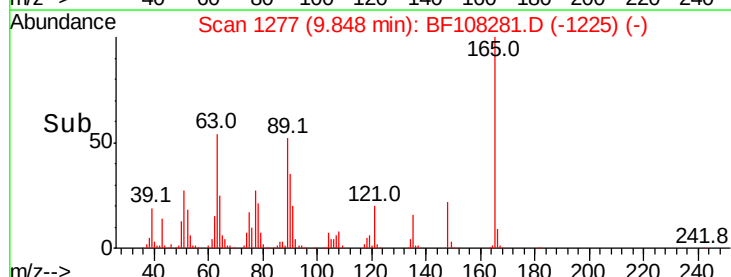


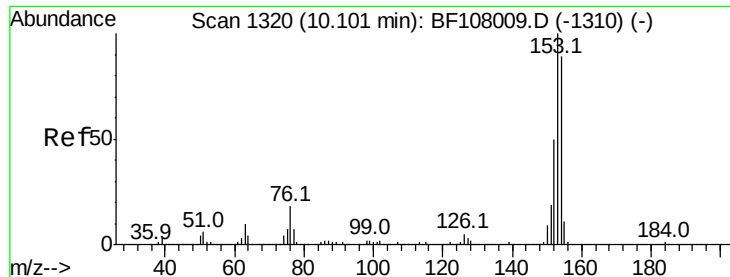
#50
 2,6-Dinitrotoluene
 Concen: 50.931 ng
 RT: 9.85 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.5	44.7	67.1
89	52.1	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: 46.874 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion:154 Resp: 938805

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

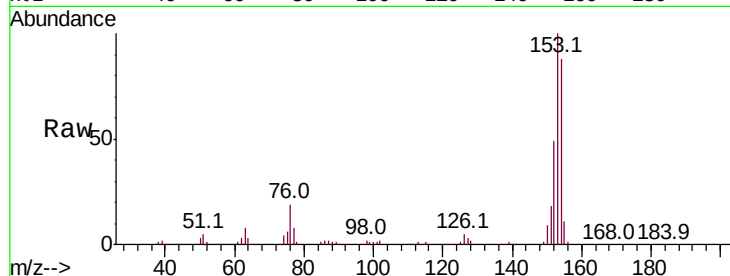
152 55.8 43.8 65.8

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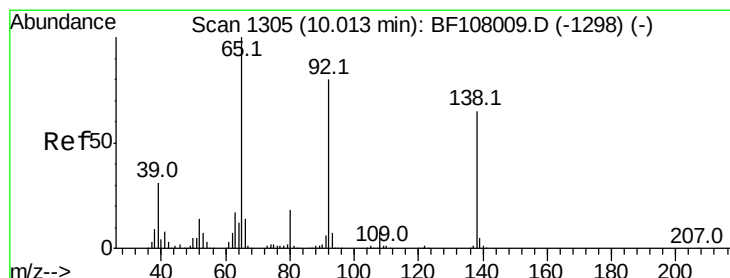
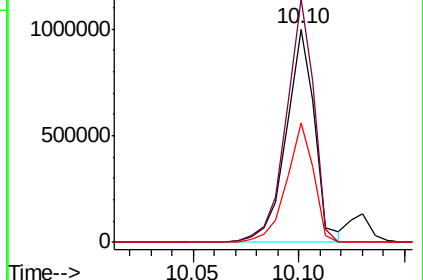
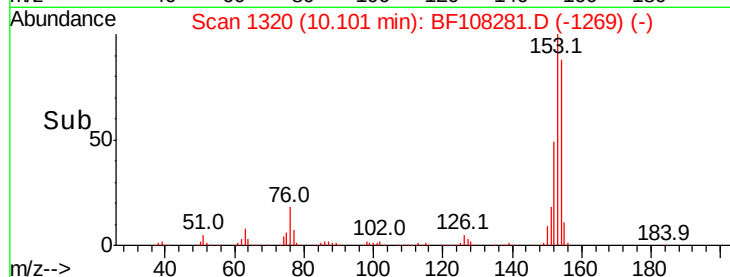
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.746 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

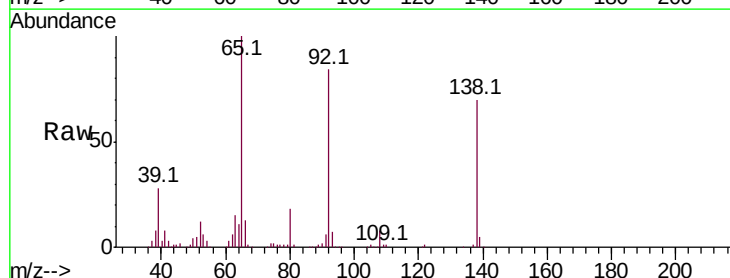
Tgt Ion:138 Resp: 207974

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

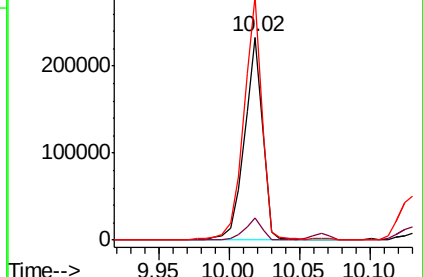
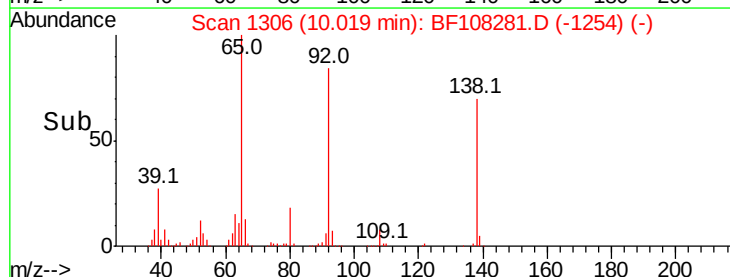
92 119.8 89.4 134.2

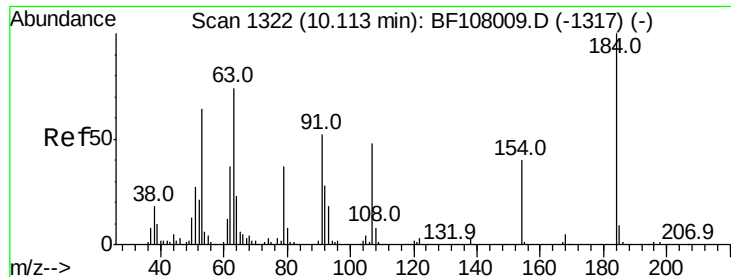


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





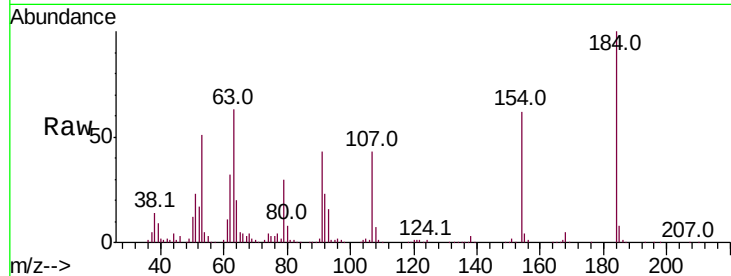
#53
2,4-Dinitrophenol
Concen: 98.826 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

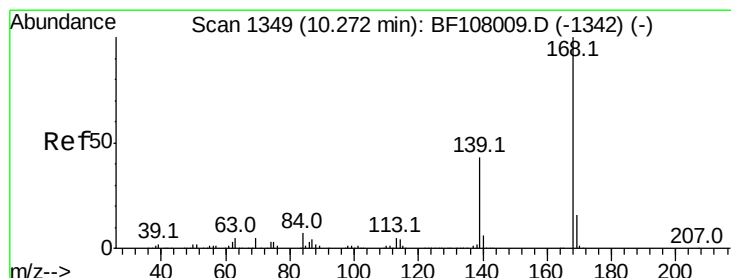
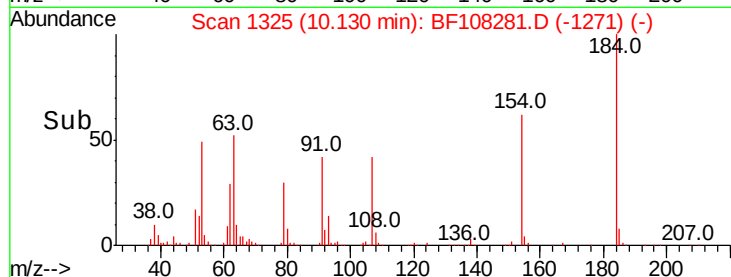
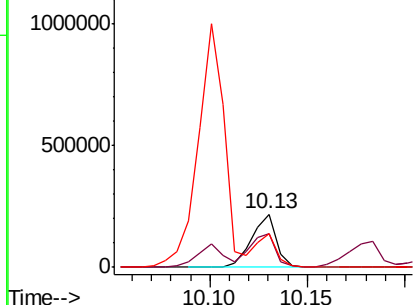
Tot Ion	Ratio	Lower	Upper
184	100		
63	63.5	54.2	81.2
154	62.2	184.0	276.0#

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8/21/2018 1:42:41 PM

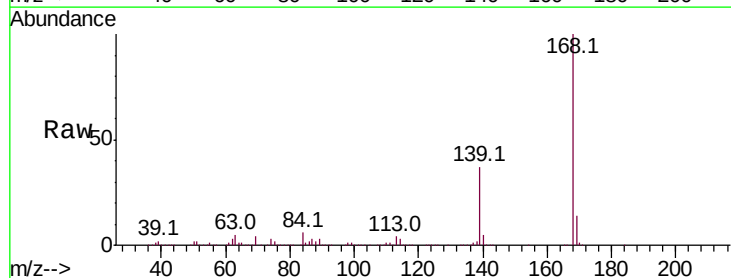


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

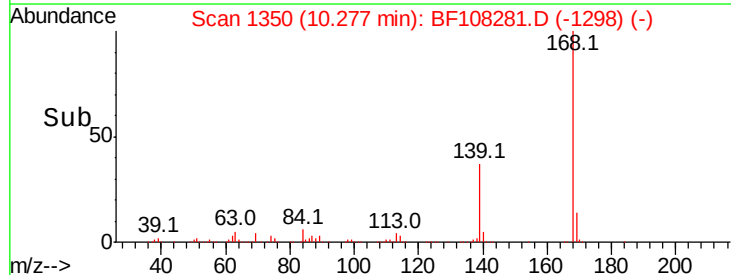
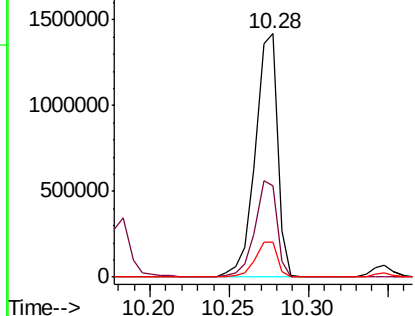


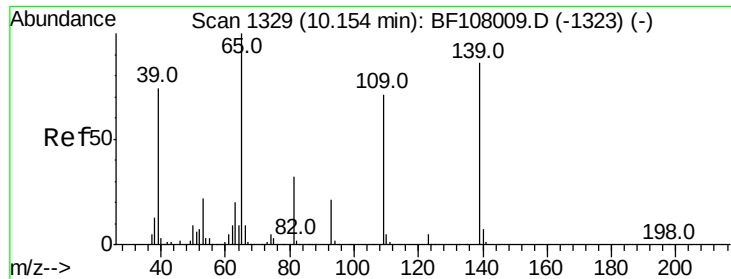
#54
Dibenzofuran
Concen: 48.077 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	14.2	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





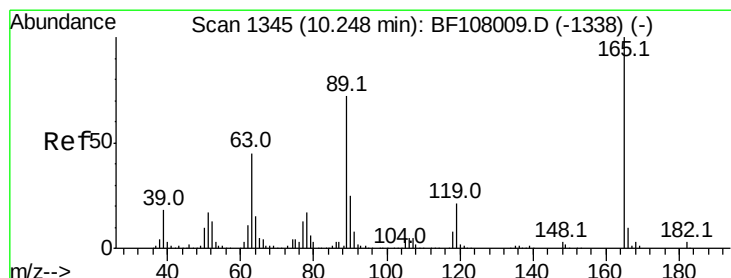
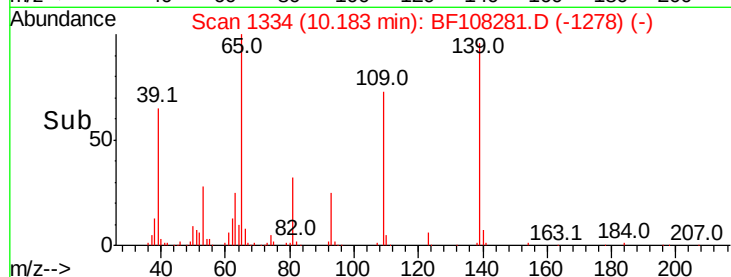
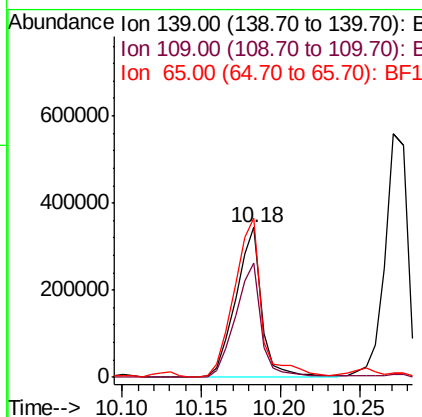
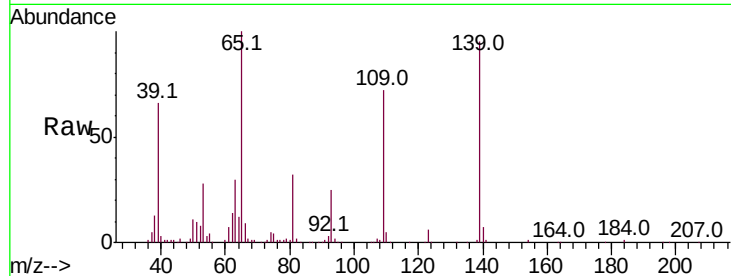
#55
4-Nitrophenol
Concen: 90.594 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.2	48.4	88.4	
65	105.6	72.6	112.6	

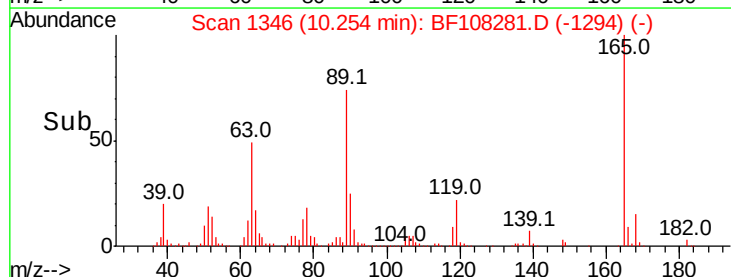
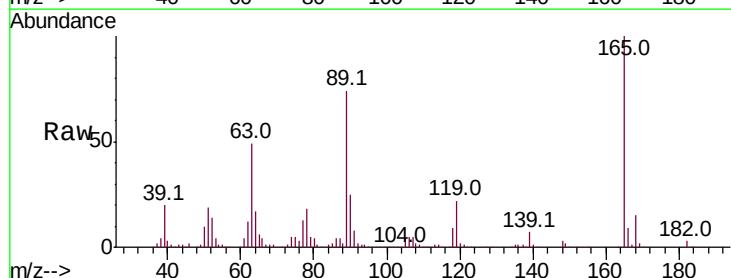
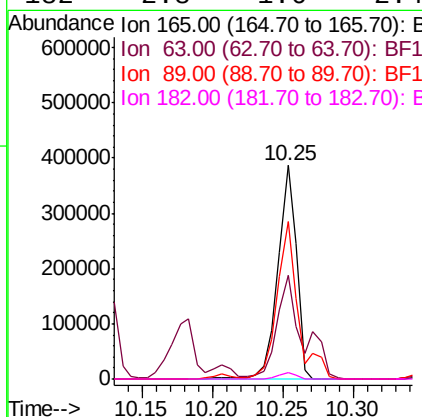
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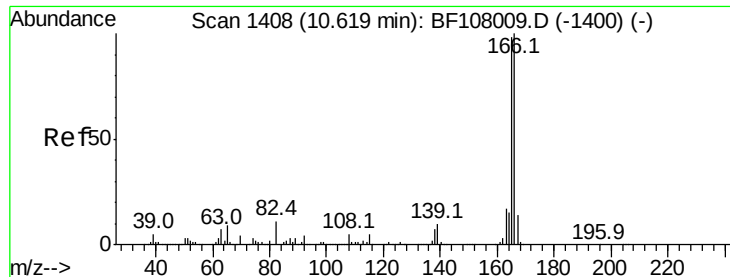
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8/21/2018 1:42:41 PM



#56
2,4-Dinitrotoluene
Concen: 53.427 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.7	36.4	54.6	
89	73.7	57.8	86.6	
182	2.8	1.6	2.4	





#57

Fluorene

Concen: 48.439 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion:166 Resp: 1112659

Ion Ratio Lower Upper

166 100

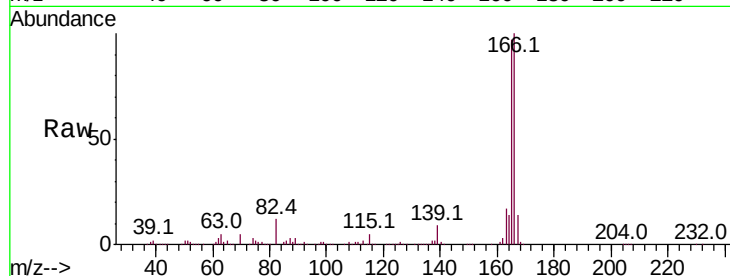
165 97.3 79.8 119.8

167 14.0 10.6 16.0

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8/21/2018 1:42:41 PM

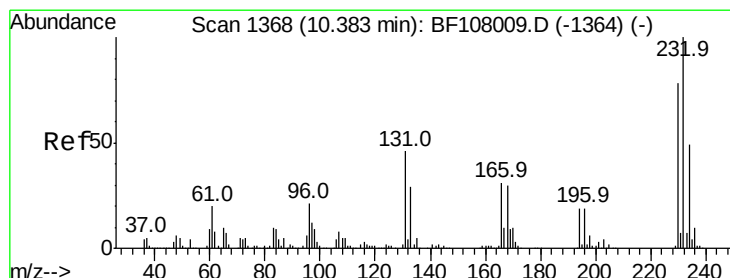
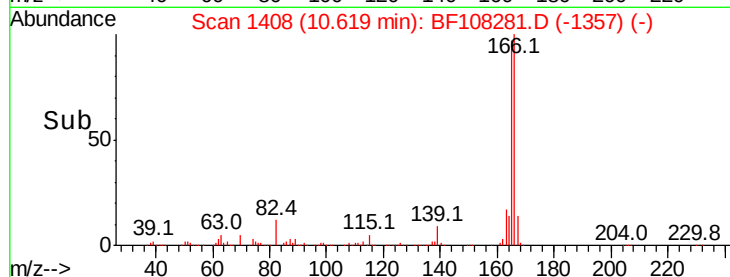
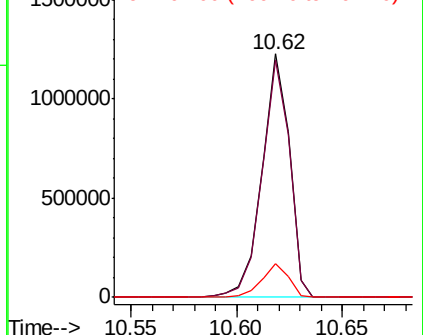


Abundance

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: 51.399 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion:232 Resp: 319882

Ion Ratio Lower Upper

232 100

131 42.4 43.8 65.8#

130 2.2 2.1 3.1

166 29.3 27.8 41.6

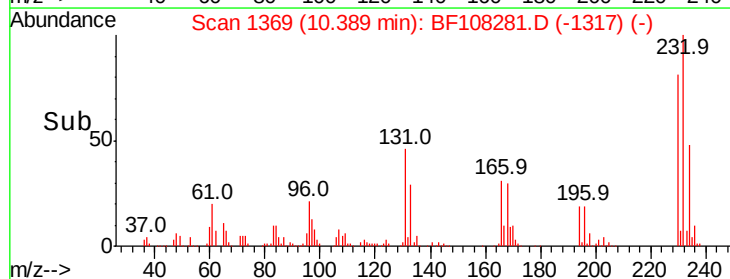
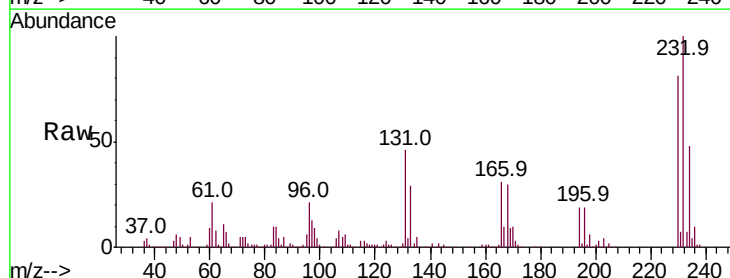
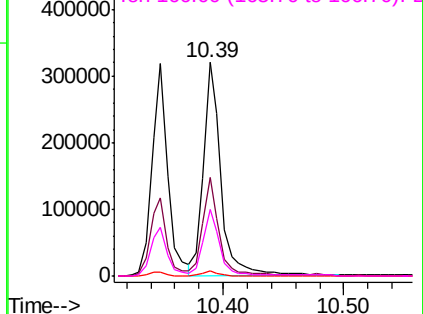
Abundance

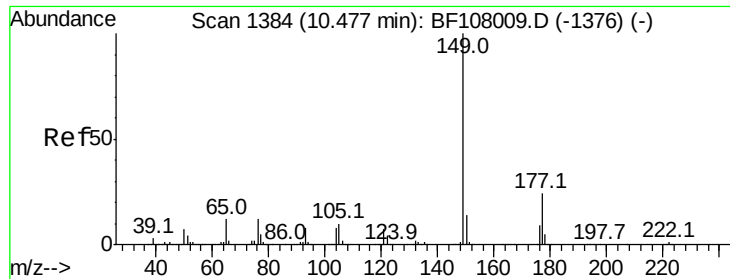
Ion 232.00 (231.70 to 232.70): E

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





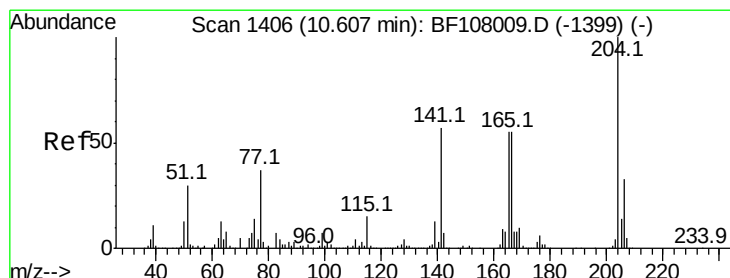
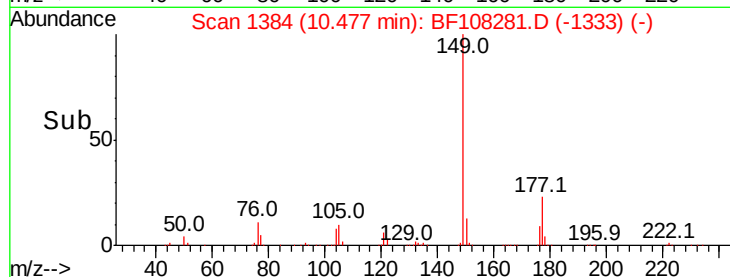
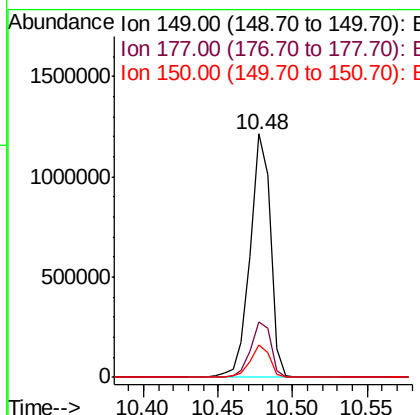
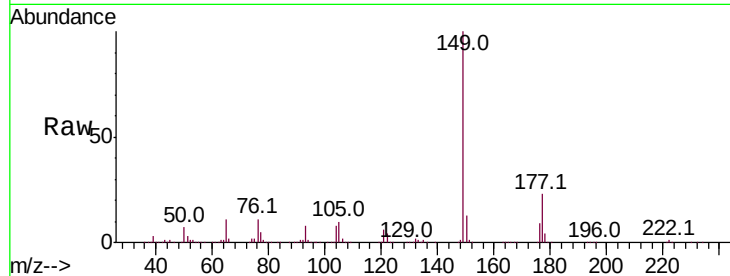
#59
Diethylphthalate
Concen: 47.515 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	13.1	10.1	15.1

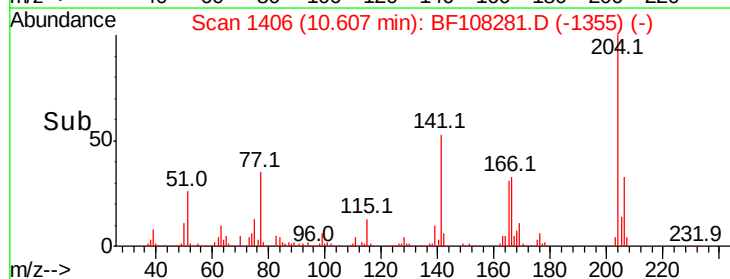
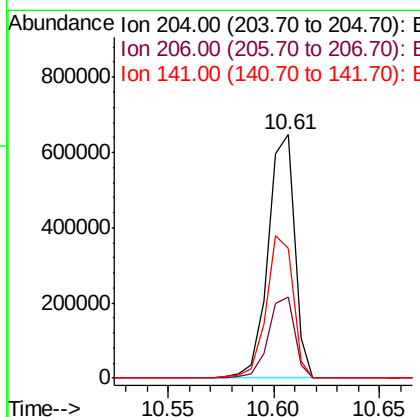
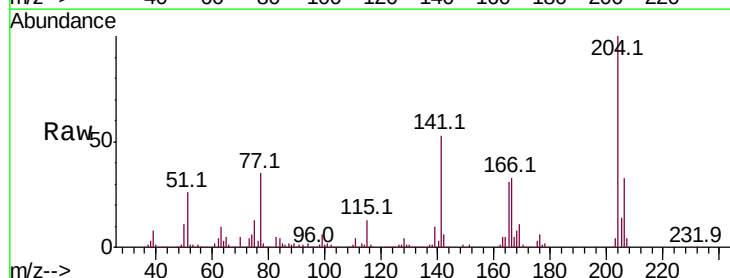
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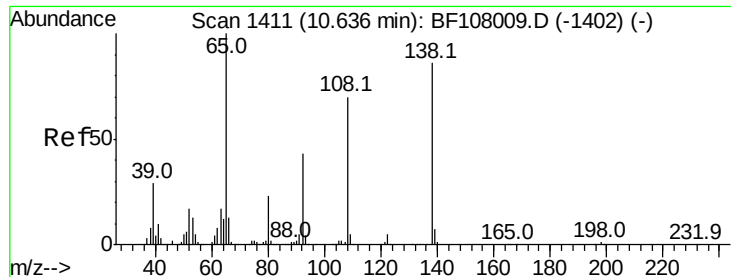
Sohil
8/21/2018 1:42:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.517 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	53.4	54.6	81.8#





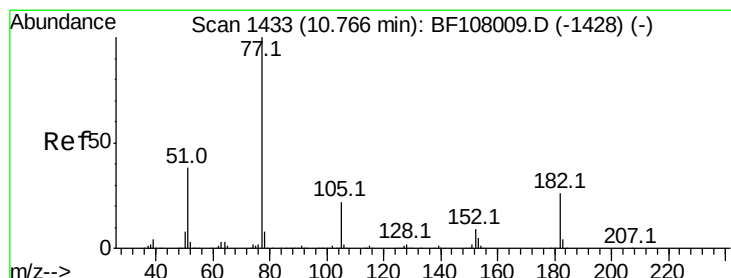
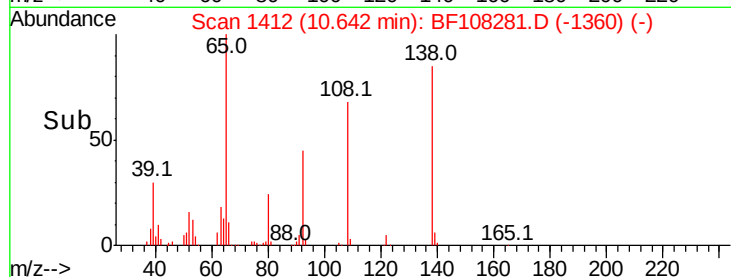
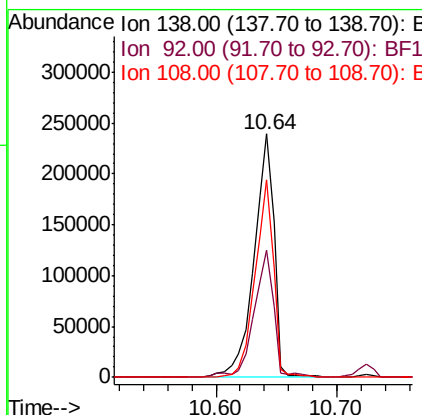
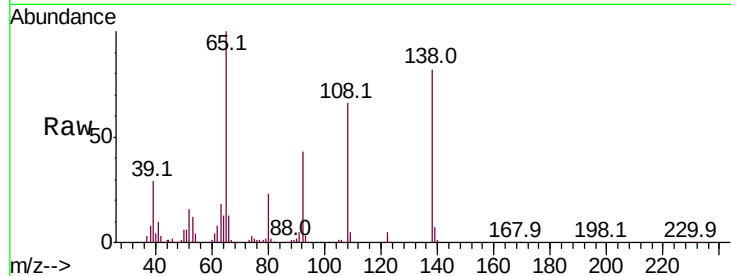
#61
4-Nitroaniline
Concen: 49.661 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	80.9	52.5	92.5

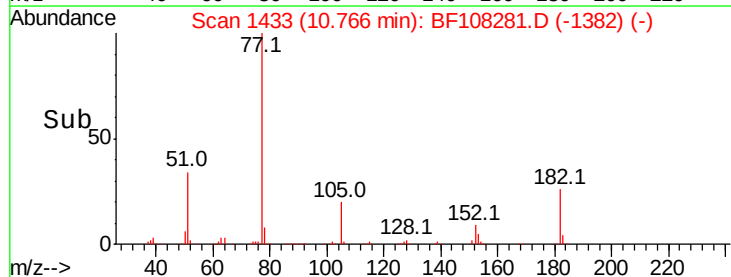
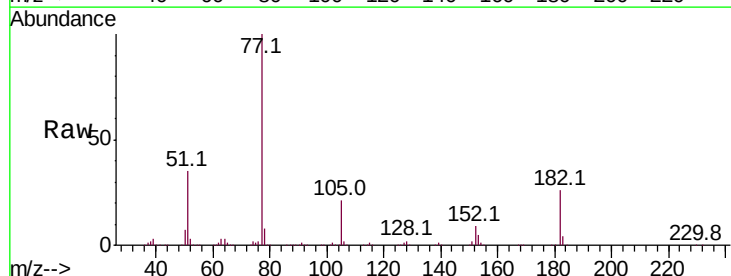
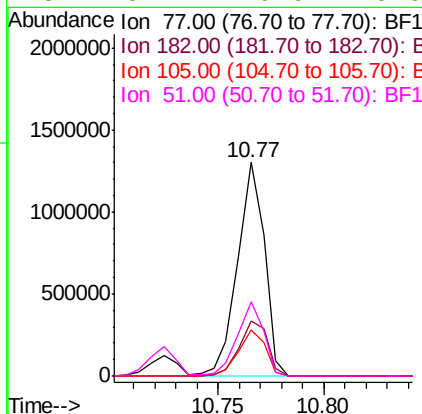
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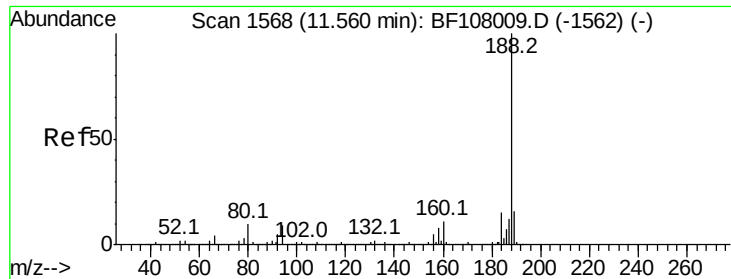
Sohil
8/21/2018 1:42:41 PM



#62
Azobenzene
Concen: 46.638 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	1.7	41.7
105	21.4	3.0	43.0
51	34.7	9.9	49.9





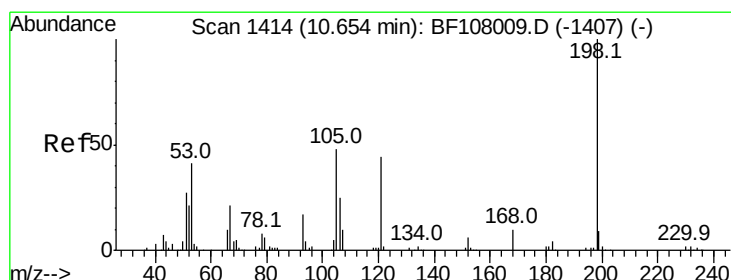
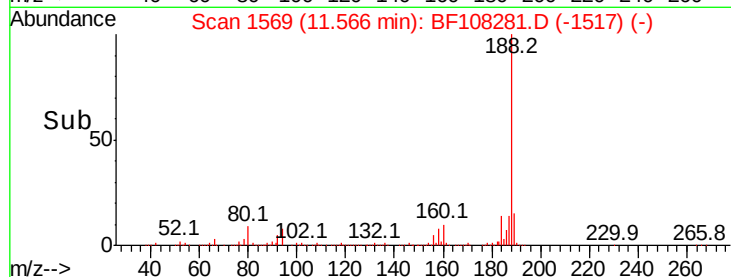
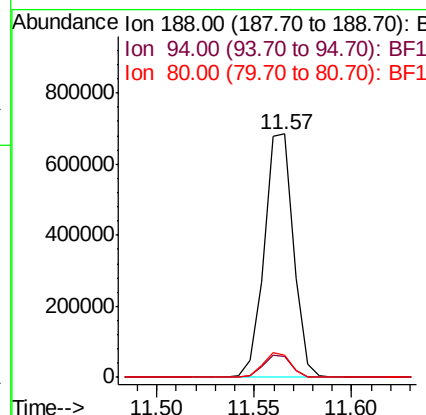
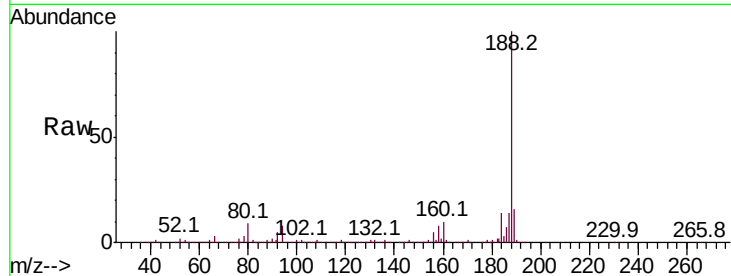
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#

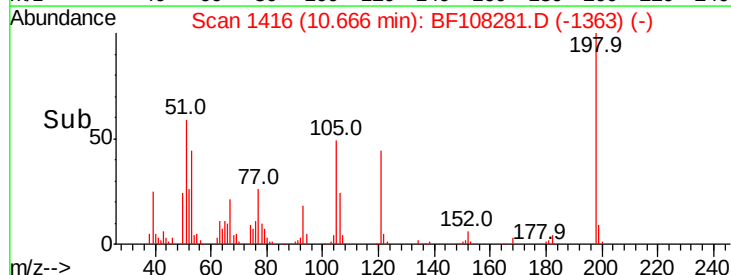
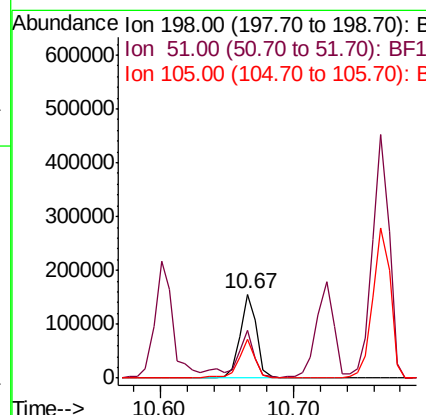
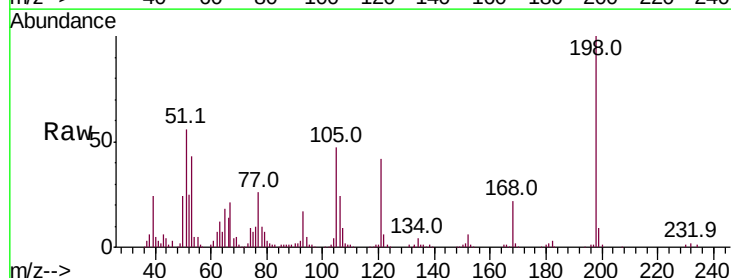
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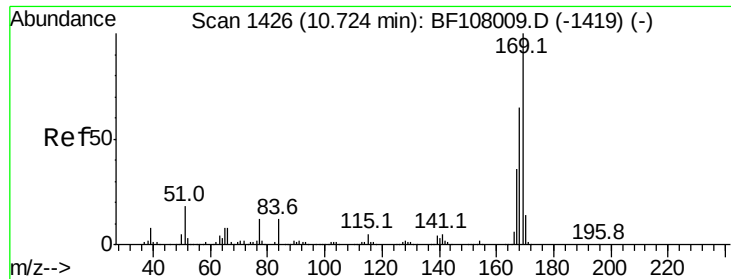
Sohil
8/21/2018 1:42:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.614 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	56.1	37.7	77.7
105	46.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 47.979 ng

RT: 10.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

ClientSampleId :

PB112114BSD

Tot Ion:169 Resp: 1004784

Ion Ratio Lower Upper

169 100

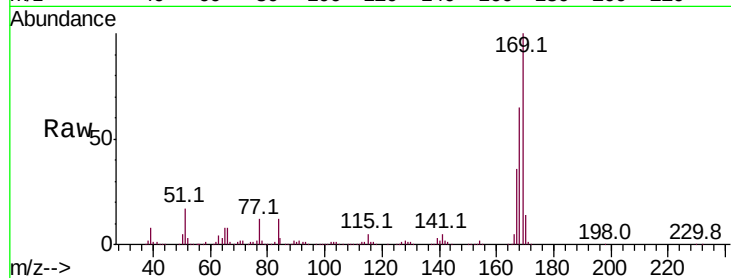
168 64.9 54.4 81.6

167 35.9 29.8 44.6

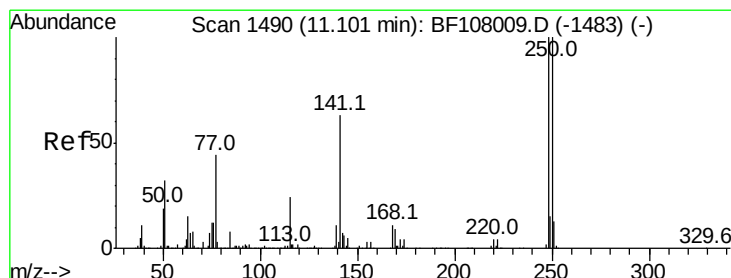
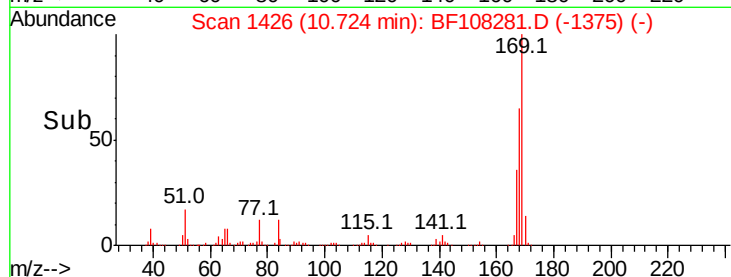
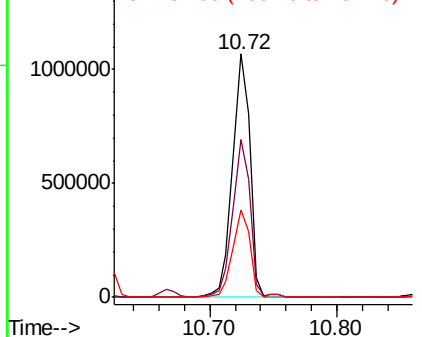
Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.363 ng

RT: 11.10 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

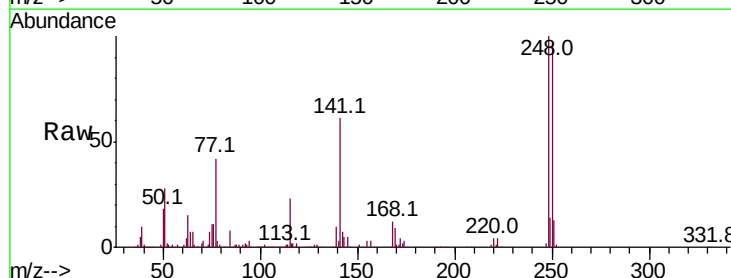
Tgt Ion:248 Resp: 372467

Ion Ratio Lower Upper

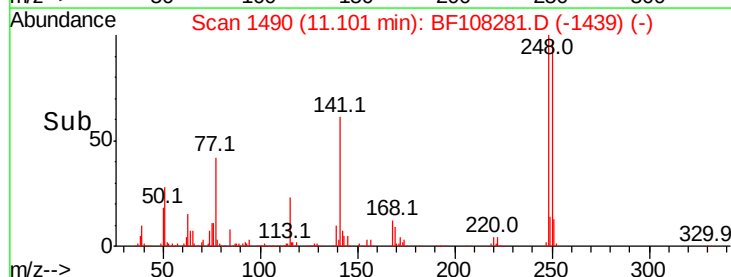
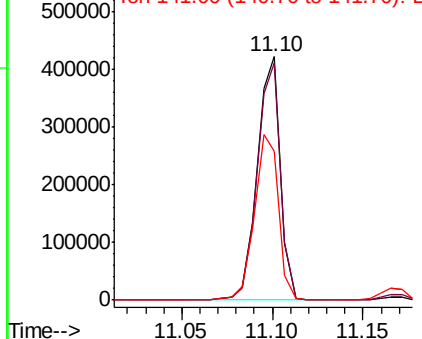
248 100

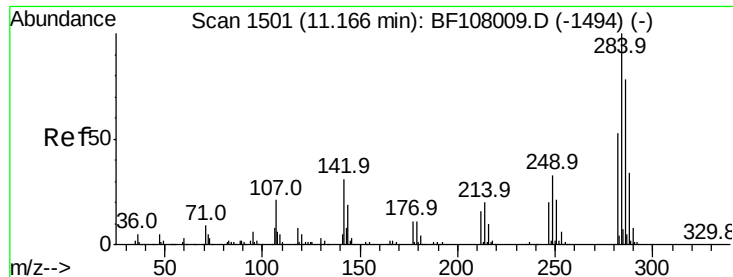
250 97.2 76.9 115.3

141 61.4 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 48.810 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

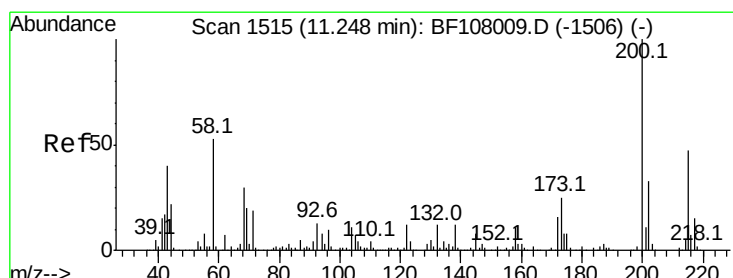
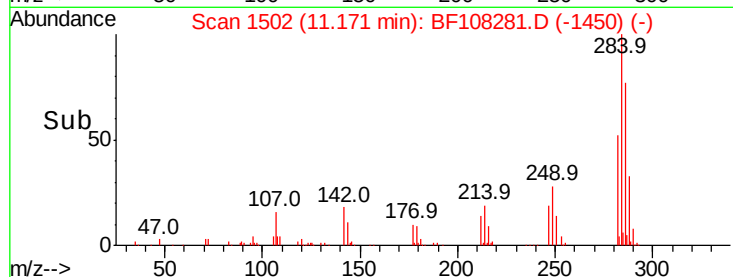
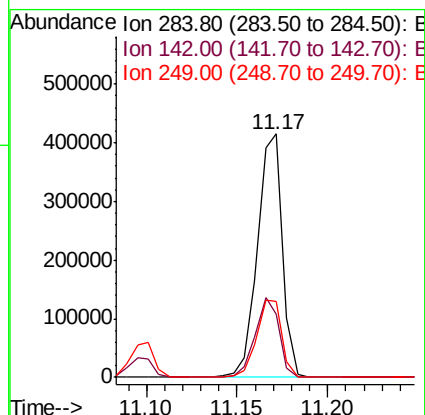
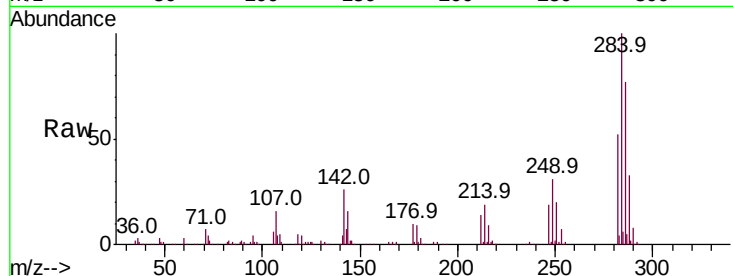
ClientSampleId :

PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	25.9	34.6	52.0	
249	31.2	24.8	37.2	

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Sohil
8/21/2018 1:42:41 PM



#68

Atrazine

Concen: 48.737 ng

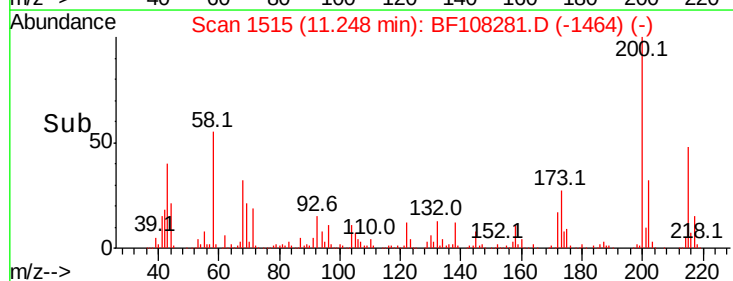
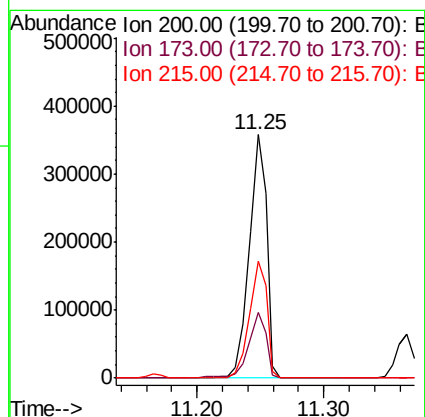
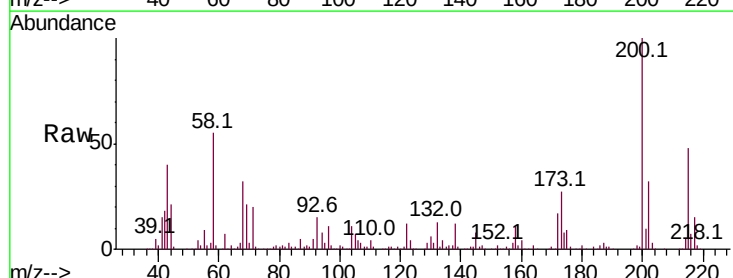
RT: 11.25 min Scan# 1515

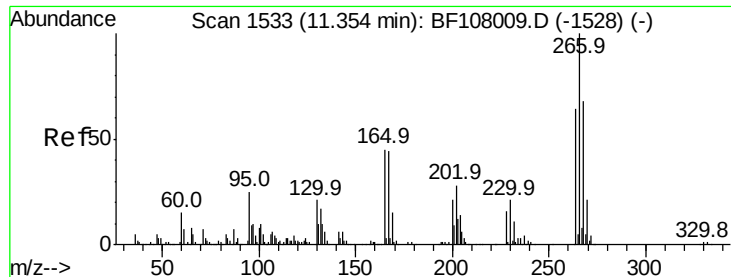
Delta R.T. 0.00 min

Lab File: BF108281.D

Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.8	8.6	48.6	
215	48.2	25.1	65.1	





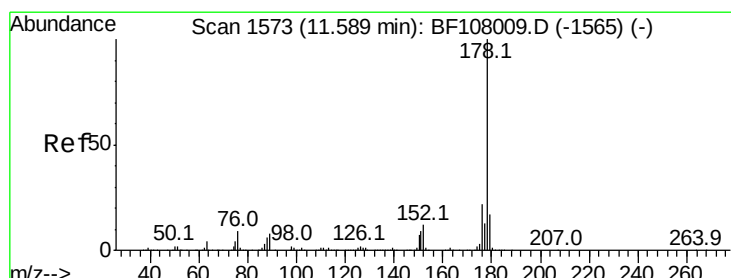
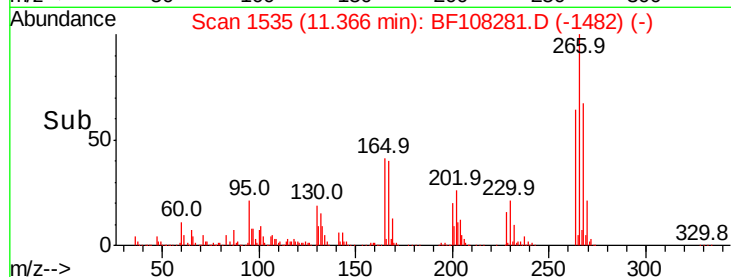
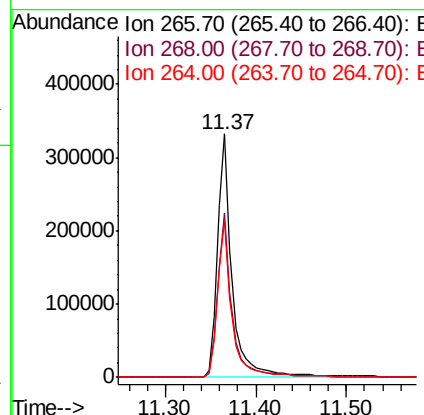
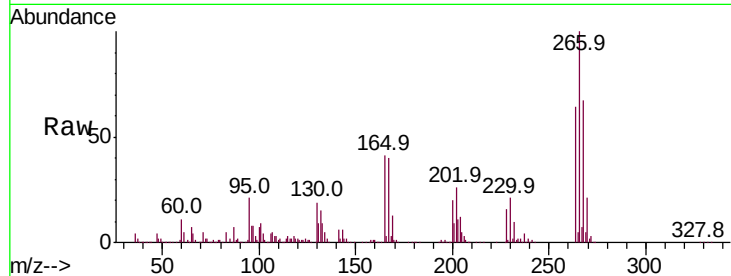
#69
 Pentachlorophenol
 Concen: 97.073 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.4	51.1	76.7	
264	64.2	49.5	74.3	

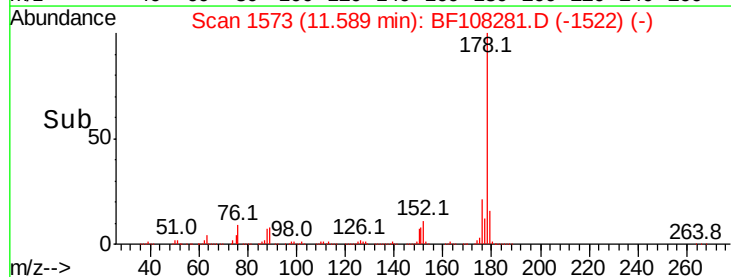
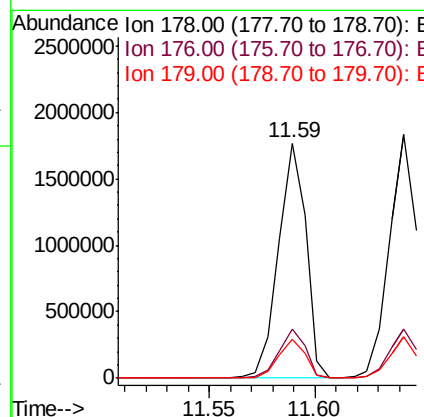
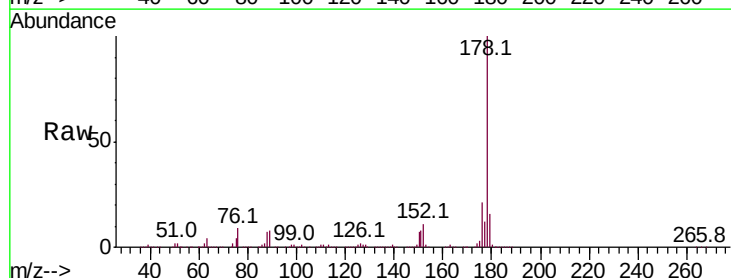
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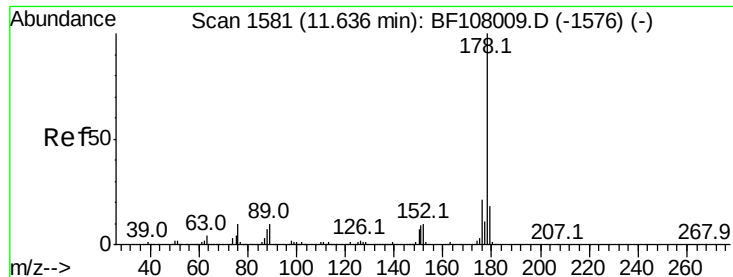
Sohil
 8/21/2018 1:42:41 PM



#70
 Phenanthrene
 Concen: 48.209 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.6	15.8	23.8	
179	16.3	13.0	19.6	





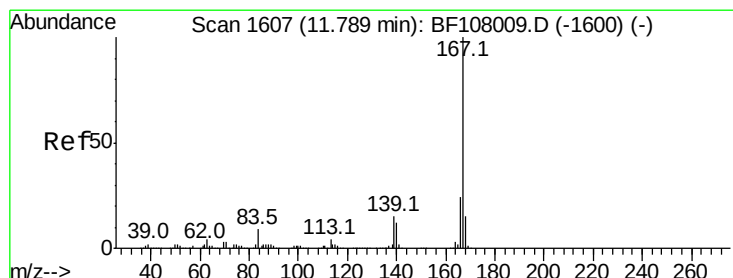
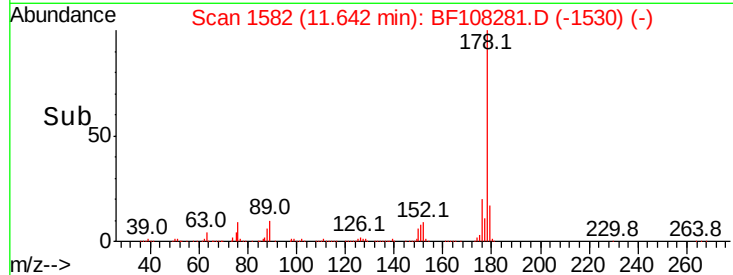
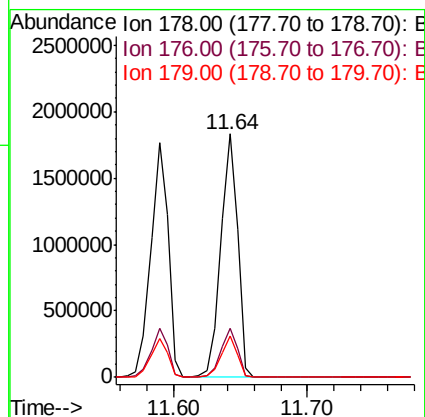
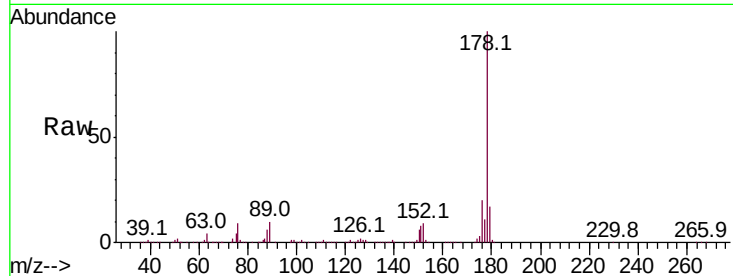
#71
 Anthracene
 Concen: 48.019 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	17.2	12.6	19.0

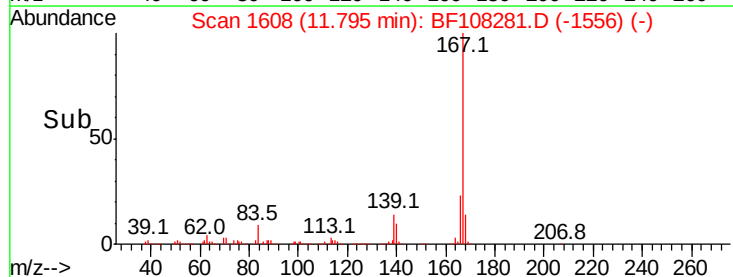
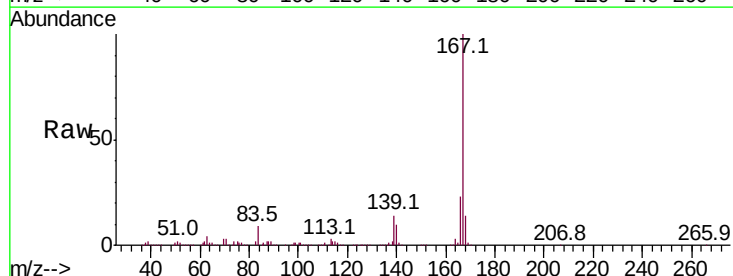
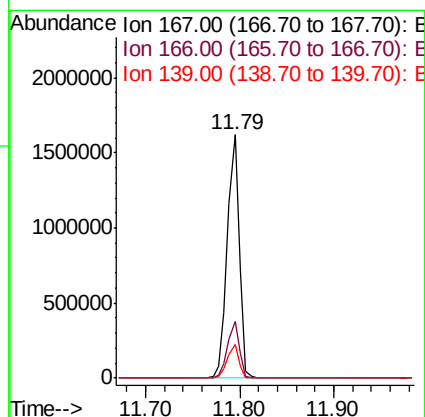
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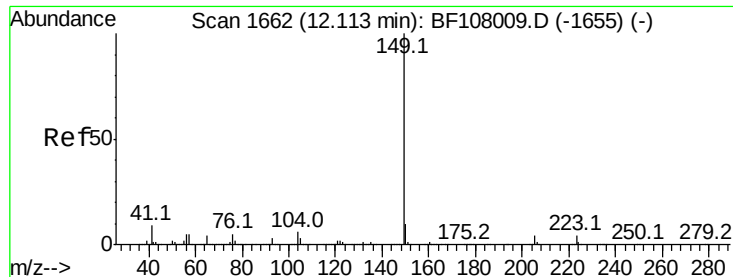
Sohil
 8/21/2018 1:42:41 PM



#72
 Carbazole
 Concen: 47.623 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.7	10.9	16.3





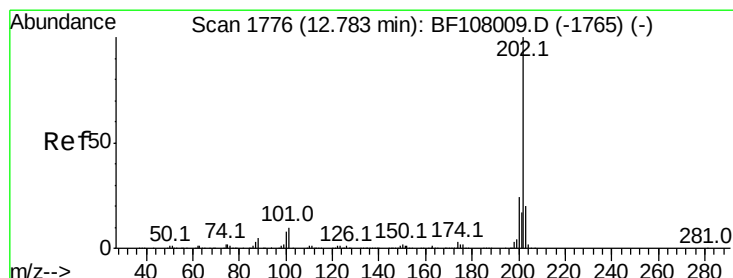
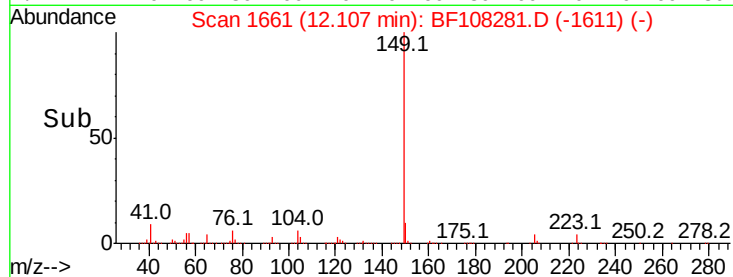
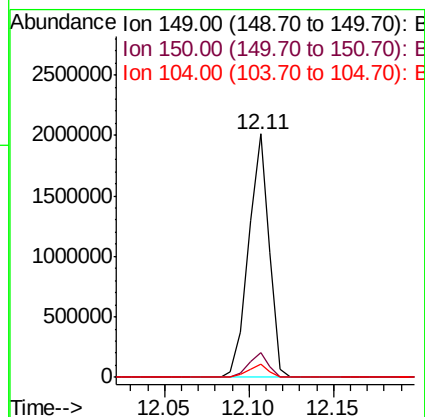
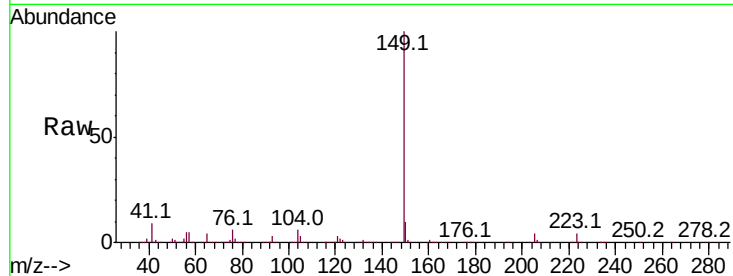
#73
Di-n-butylphthalate
Concen: 49.435 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampled :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.5	3.8	5.8

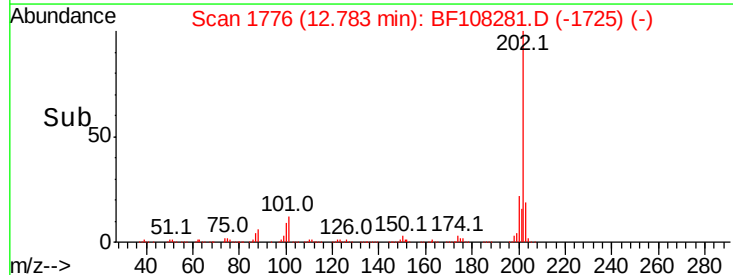
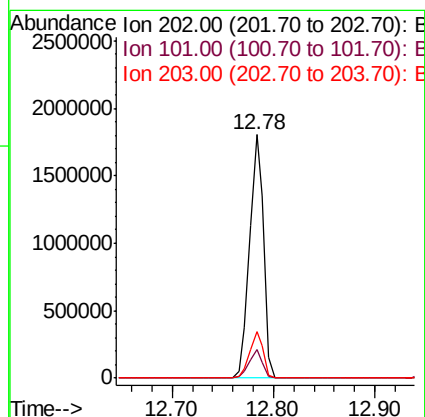
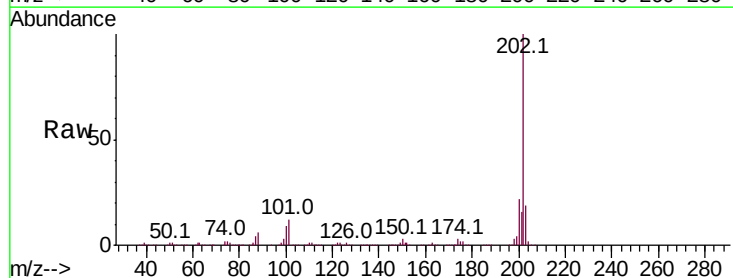
Manual Integrations
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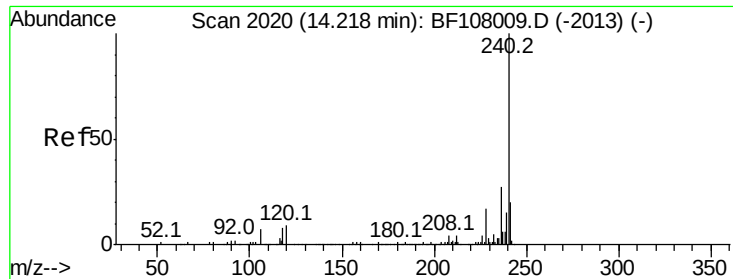
Sohil
8/21/2018 1:42:41 PM



#74
Fluoranthene
Concen: 47.506 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	18.9	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: BF108281.D

Acq: 20 Aug 2018 11:18

Instrument :

BNA_F

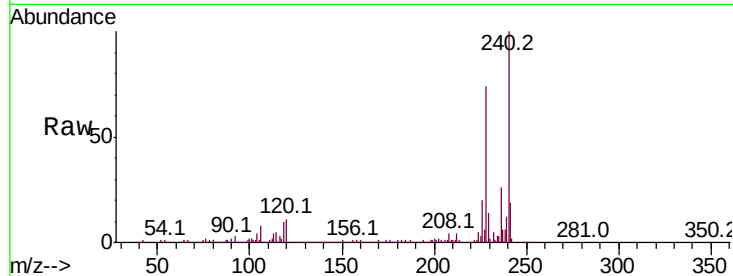
ClientSampleId :

PB112114BSD

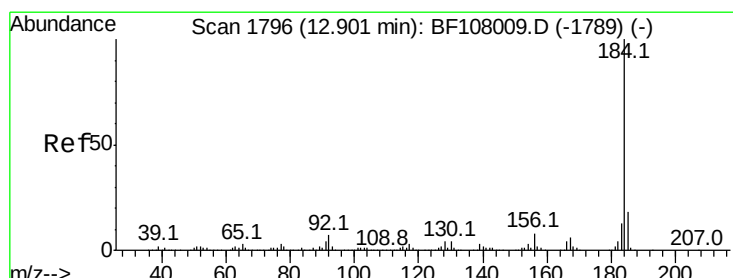
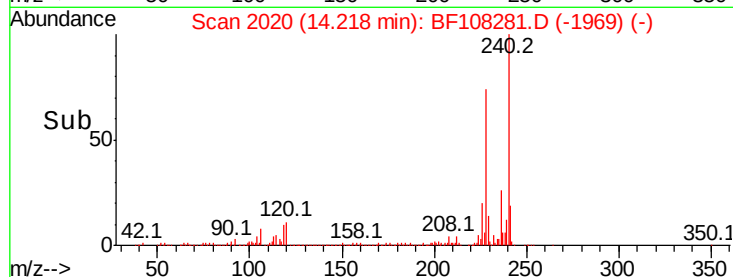
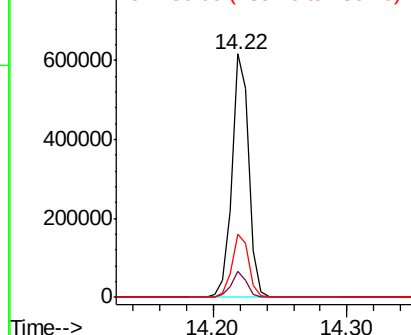
Tot Ion:	240	Resp:	548591
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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8/21/2018 1:42:41 PM



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



#76

Benzidine

Concen: 40.668 ng

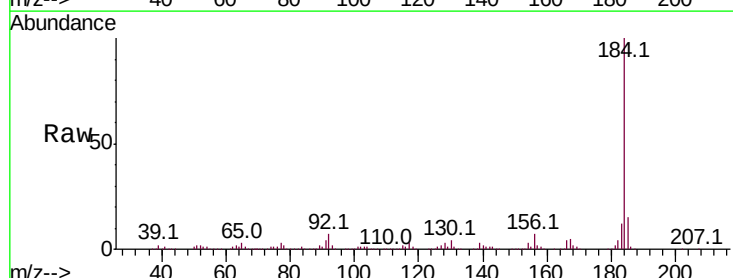
RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

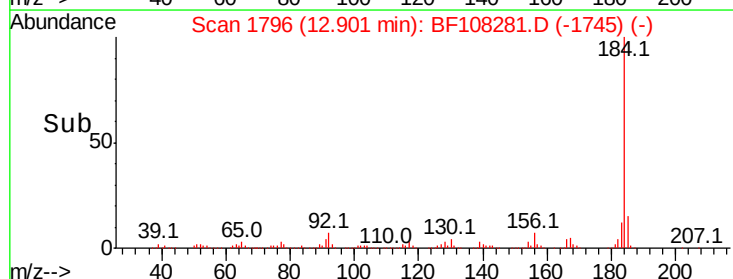
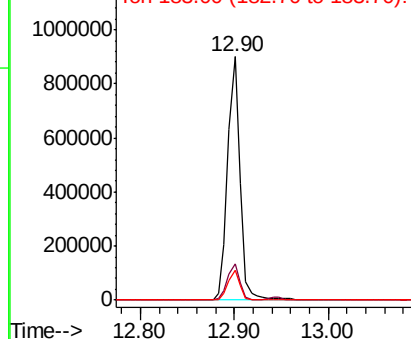
Lab File: BF108281.D

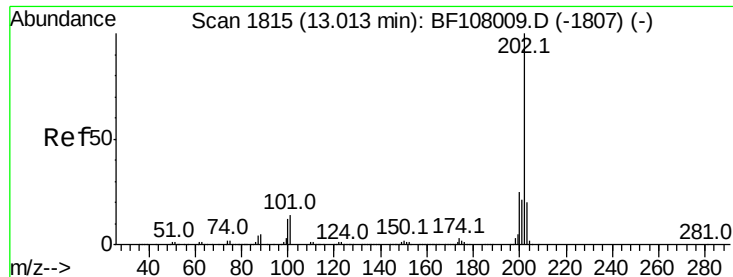
Acq: 20 Aug 2018 11:18

Tgt Ion:	184	Resp:	833556
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	12.0	9.3	13.9



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





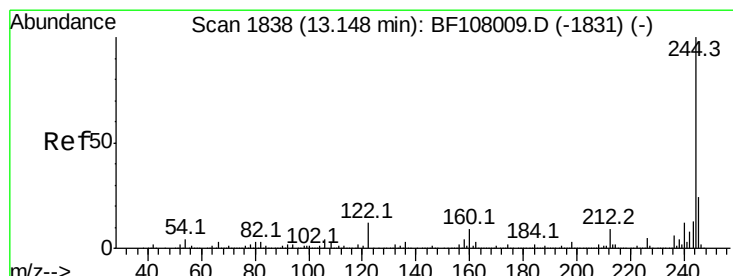
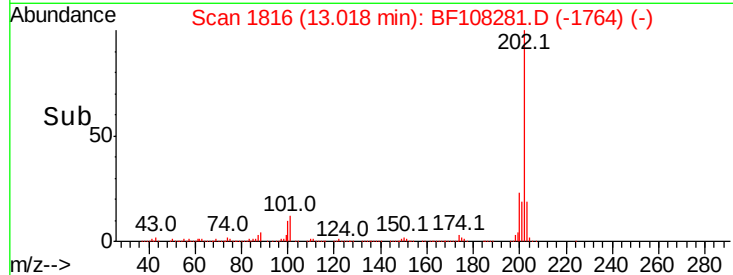
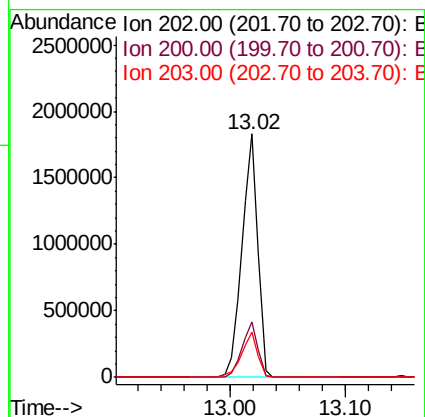
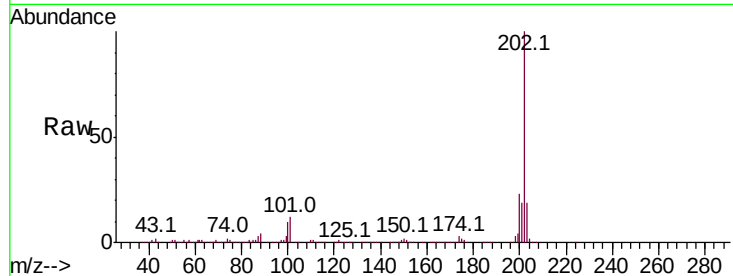
#77
Pvrene
Concen: 49.912 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion:	202	Resp:	1733512
Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.7	14.3	21.5

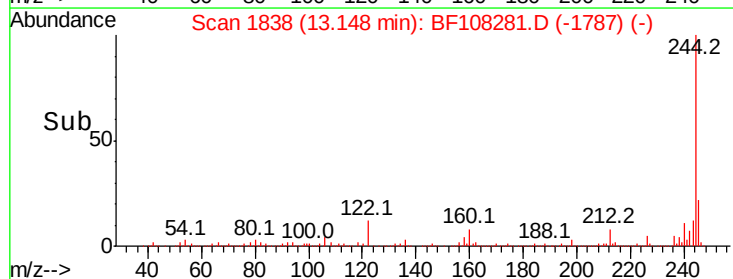
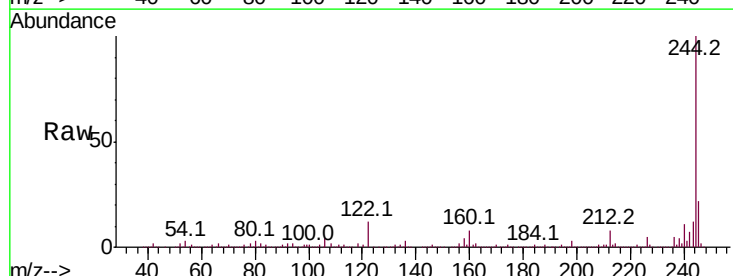
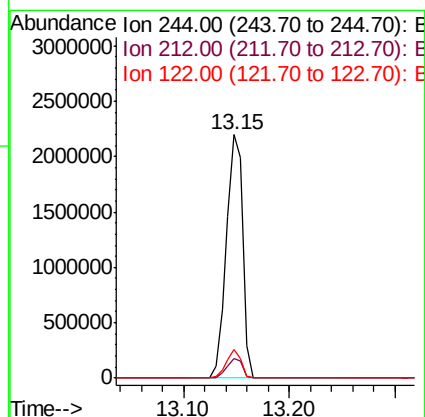
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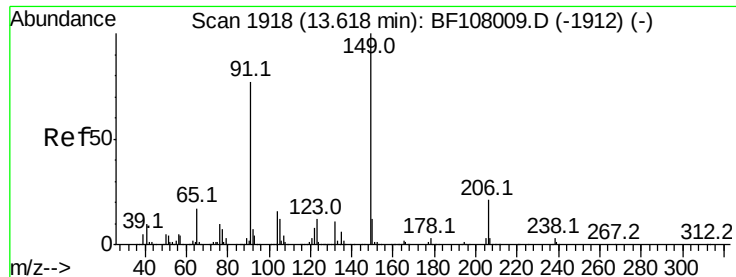
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#78
Terphenyl-d14
Concen: 109.908 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion:	244	Resp:	2371398
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	11.8	11.0	16.4





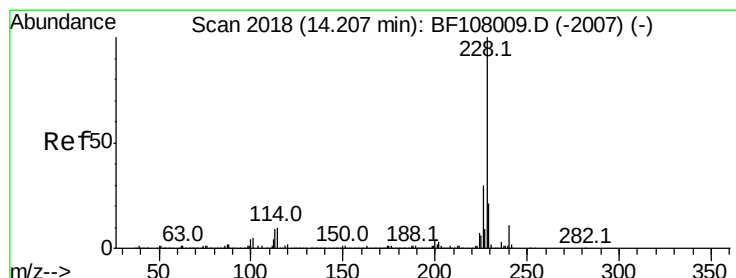
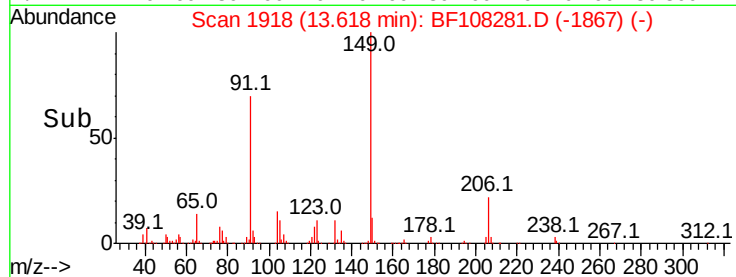
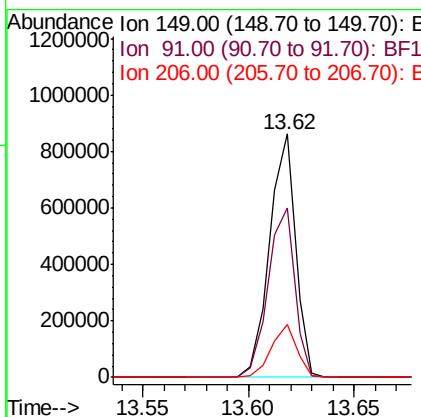
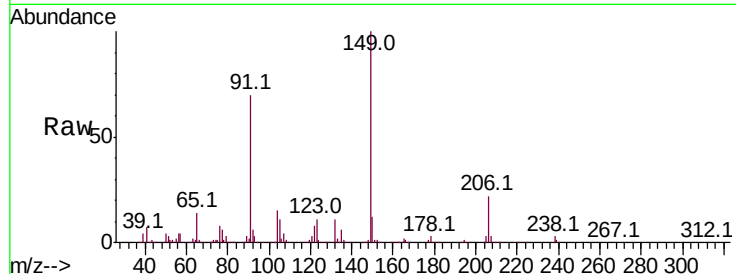
#79
Butylbenzylphthalate
Concen: 53.499 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	737817		
91	69.7	56.8	85.2	
206	21.9	14.1	21.1	

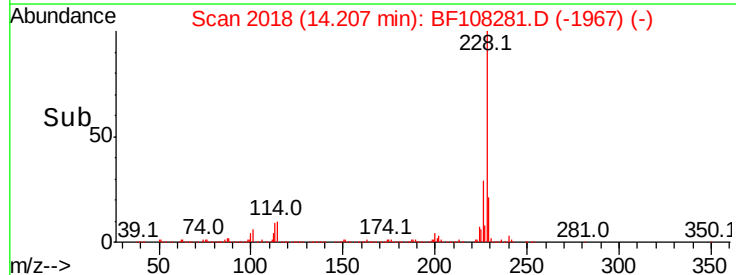
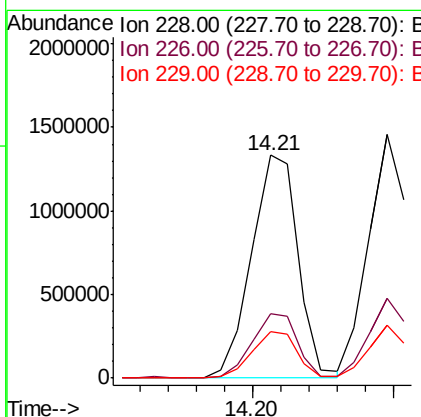
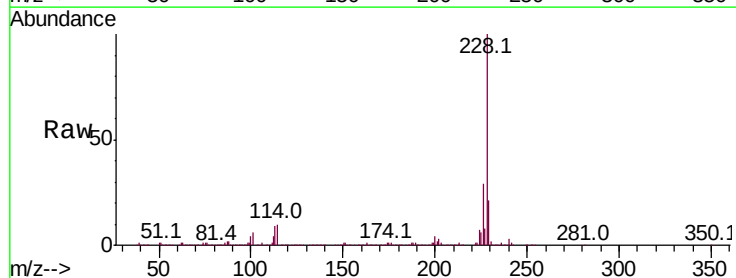
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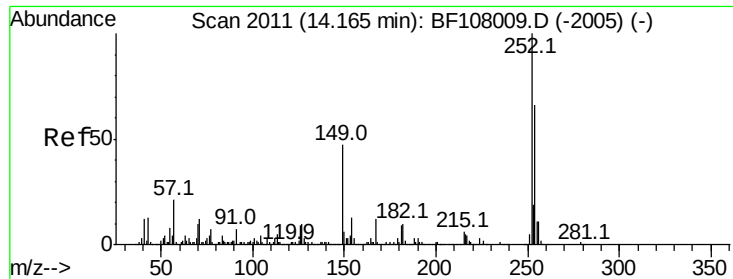
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#80
Benzo(a)anthracene
Concen: 48.453 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1525458		
226	29.2	22.6	33.8	
229	20.9	15.8	23.6	





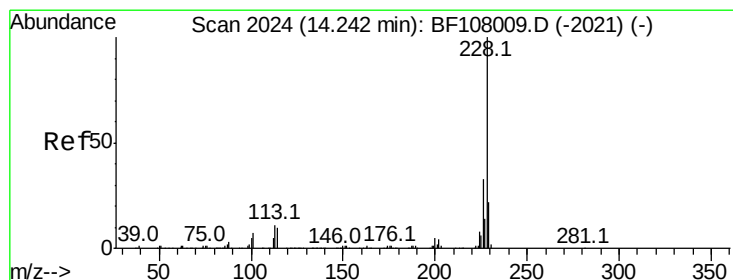
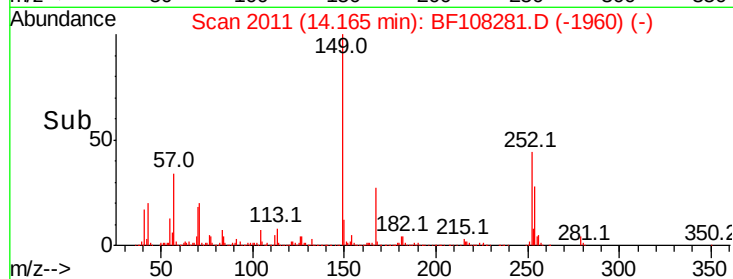
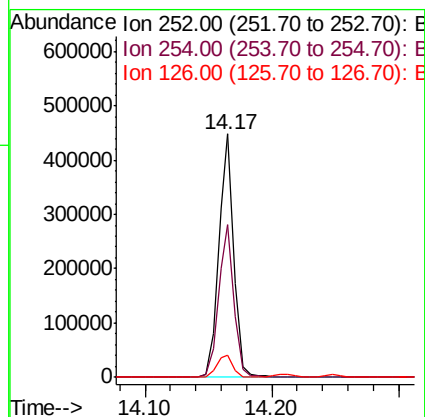
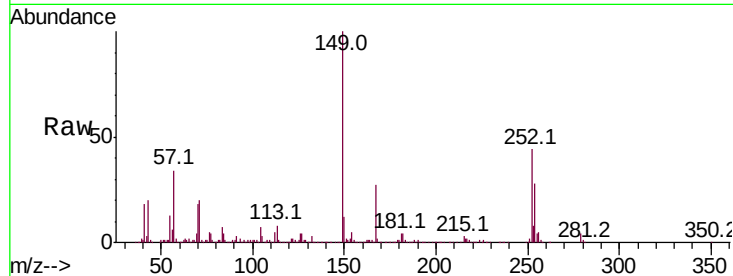
#81
 3,3'-Dichlorobenzidine
 Concen: 33.287 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	9.1	11.3	16.9

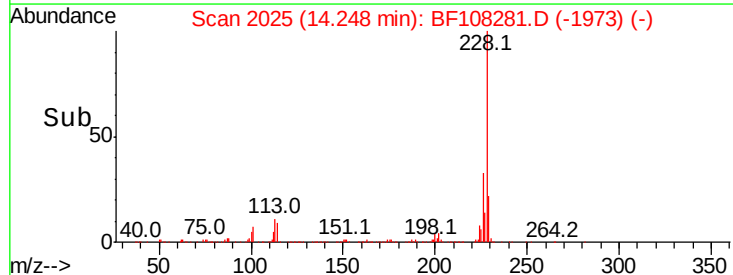
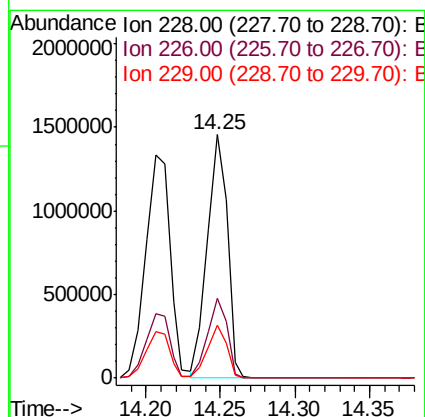
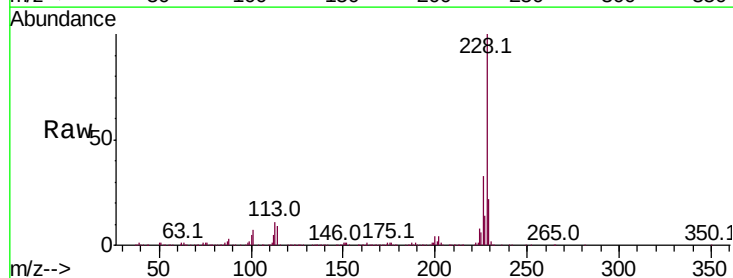
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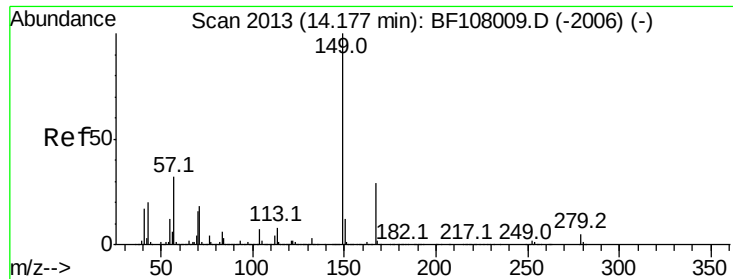
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#82
 Chrysene
 Concen: 46.879 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.8	16.2	24.4





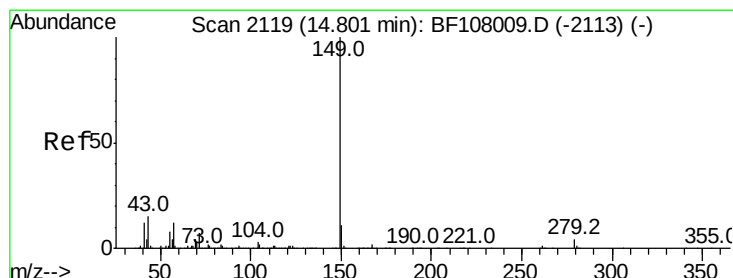
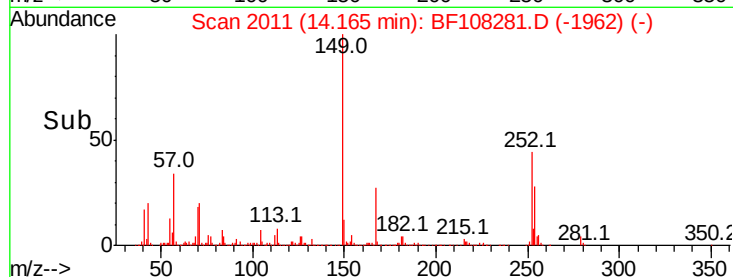
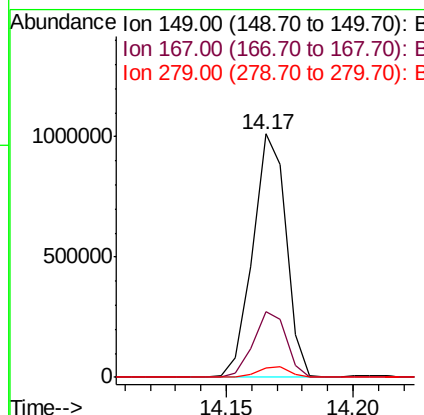
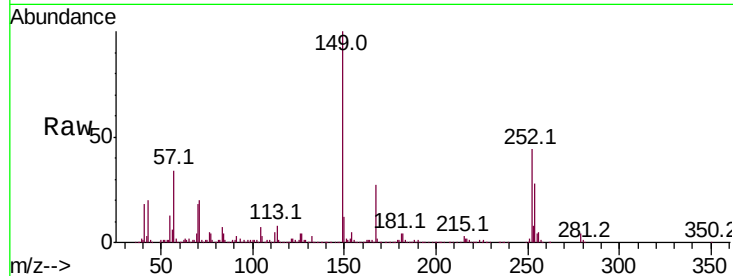
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.603 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.0	3.0	4.4

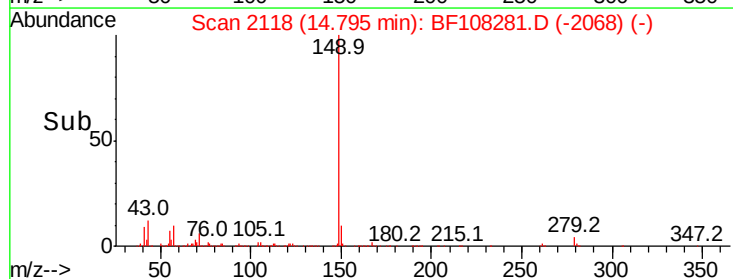
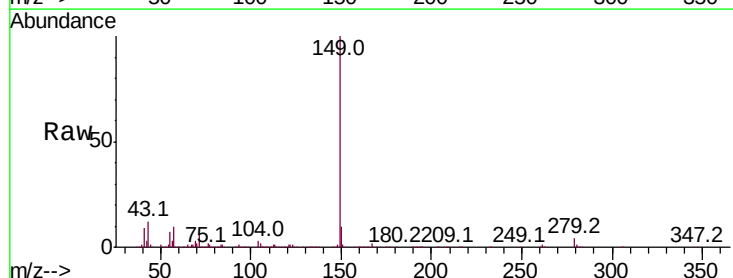
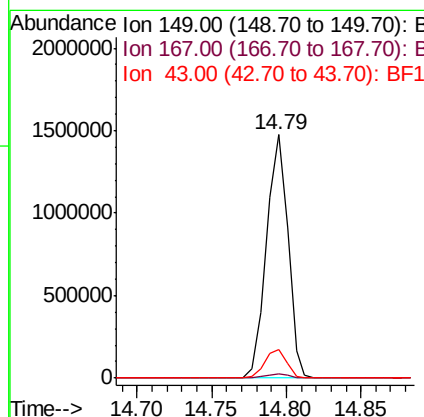
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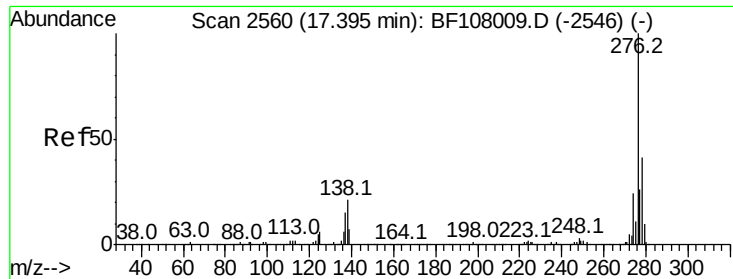
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#84
 Di-n-octyl phthalate
 Concen: 51.068 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

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





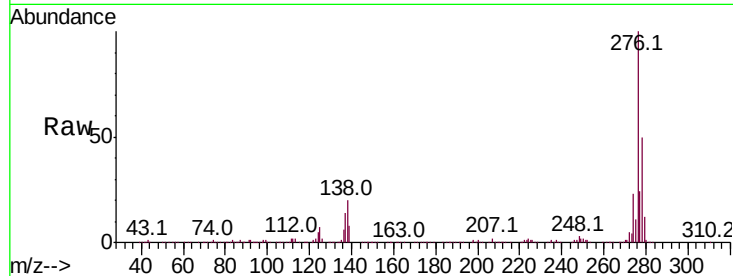
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.091 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

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

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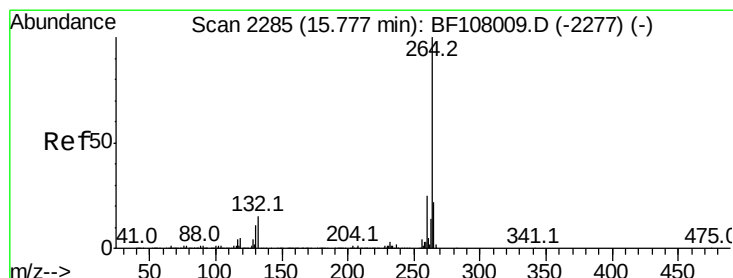
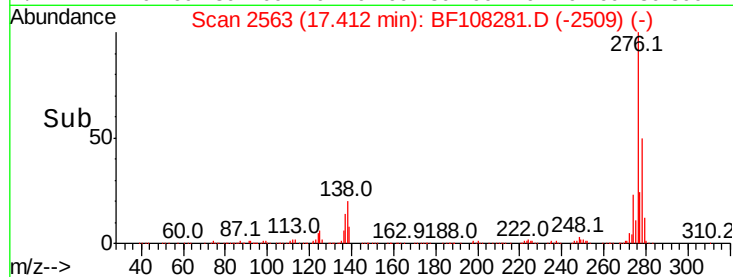
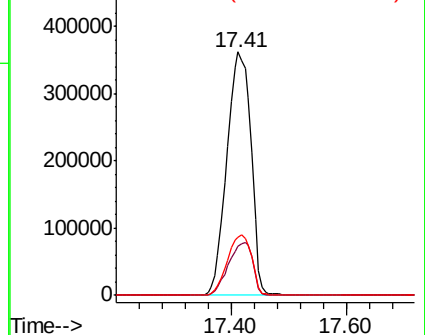


Abundance

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# 2286
 Delta R.T. 0.01 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

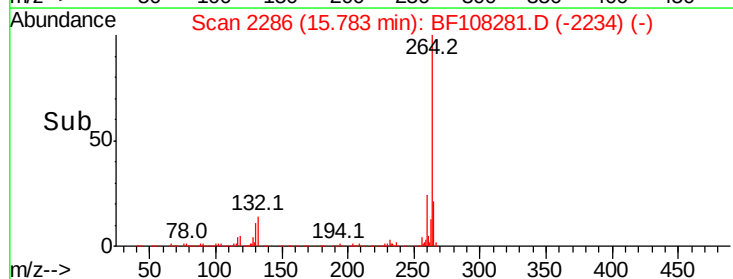
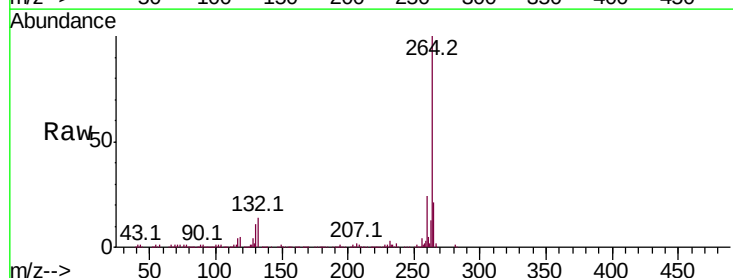
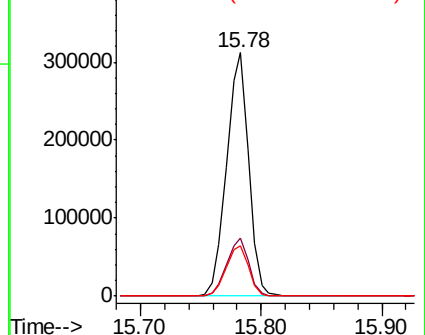
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.8	17.5	26.3

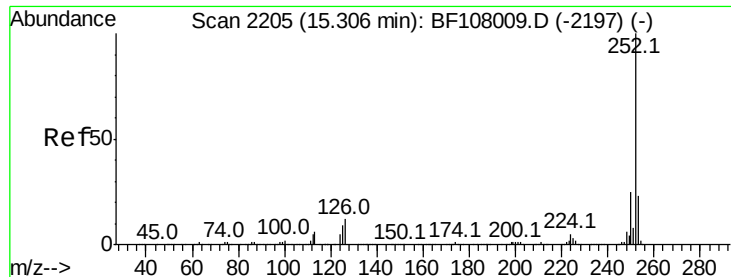
Abundance

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





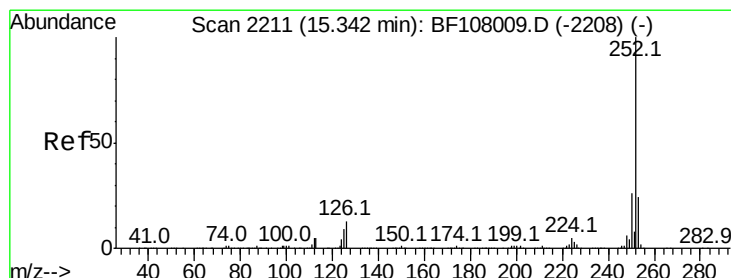
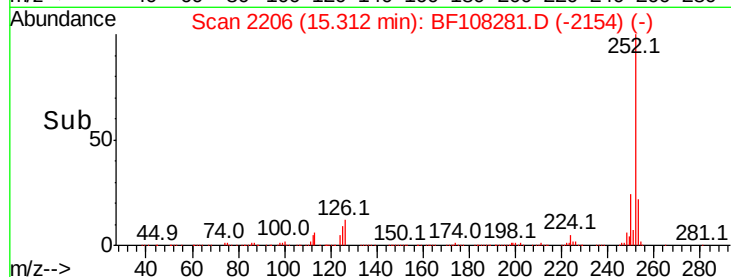
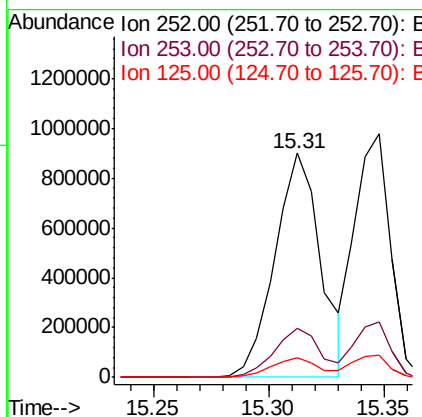
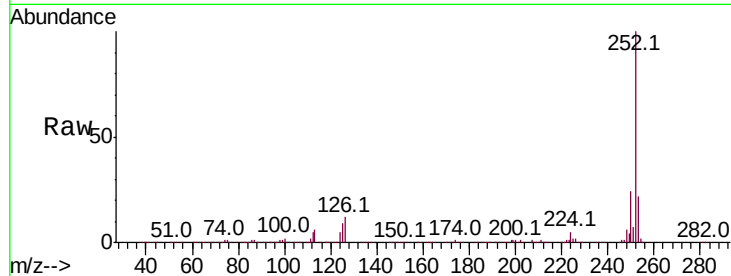
#87
Benzo(b)fluoranthene
Concen: 52.691 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.8	9.0	13.6#

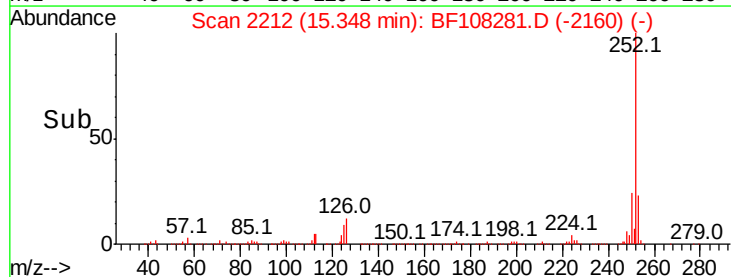
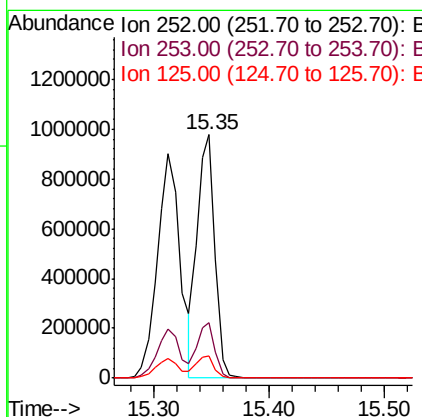
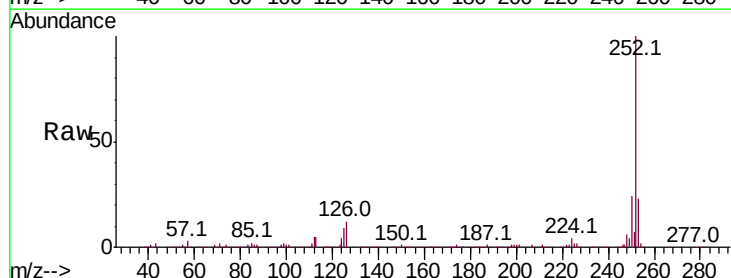
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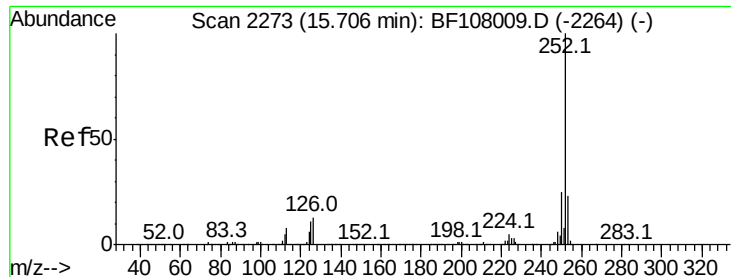
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#88
Benzo(k)fluoranthene
Concen: 48.598 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.9	10.2	15.2#





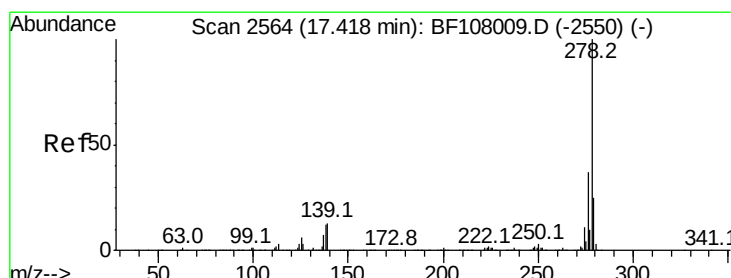
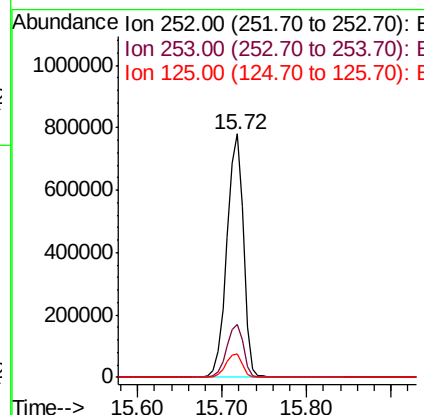
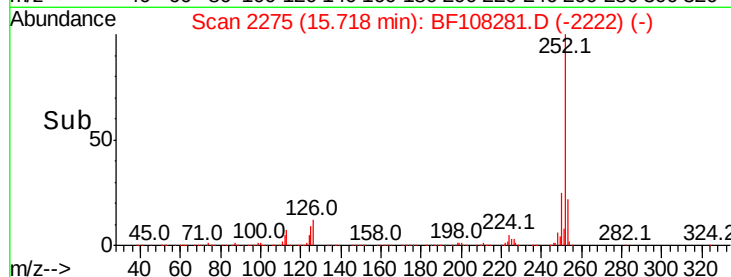
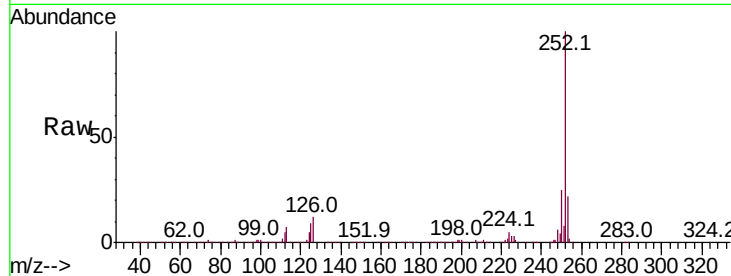
#89
Benzo(a)pyrene
Concen: 50.447 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Instrument :
BNA_F
ClientSampleId :
PB112114BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.5	9.8	14.6

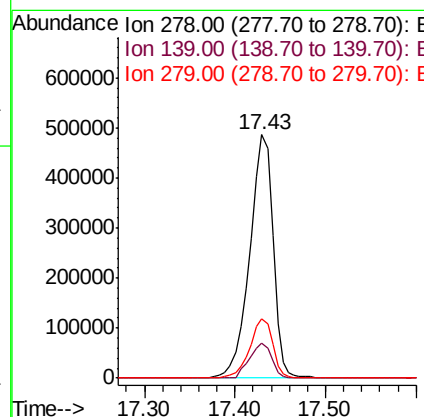
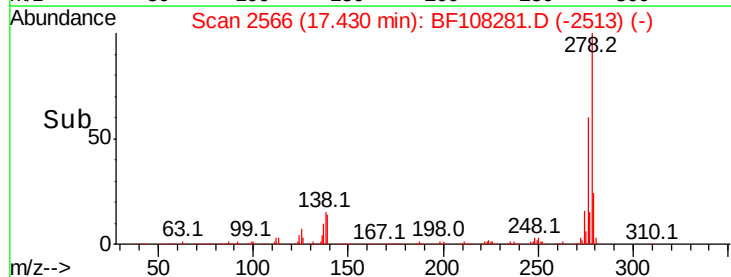
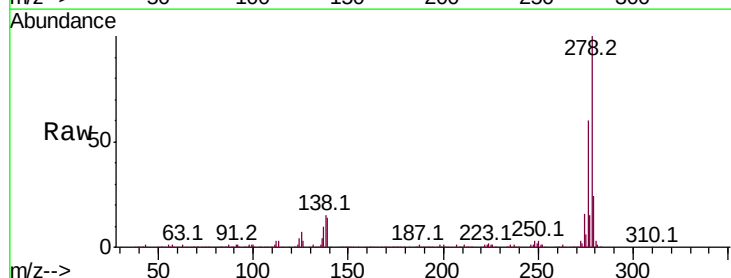
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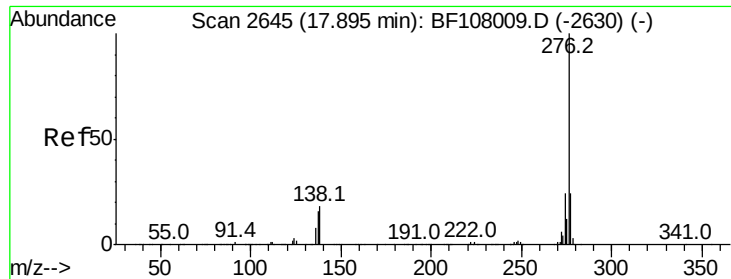
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#90
Dibenzo(a,h)anthracene
Concen: 49.820 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108281.D
Acq: 20 Aug 2018 11:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.9	23.9
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.503 ng
 RT: 17.92 min Scan# 2649
 Delta R.T. 0.02 min
 Lab File: BF108281.D
 Acq: 20 Aug 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	18.8	21.8	32.8

Manual Integrations
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