

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108383.D
 Acq On : 22 Aug 2018 15:16
 Operator : JU/SJ
 Sample : PB112238BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Manual Integrations
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Sohil
 8/23/2018 3:43:06 PM

Quant Time: Aug 22 16:38:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	153239	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	636730	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	330709	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	645440	20.00	ng	0.00
75) Chrysene-d12	14.20	240	393205	20.00	ng	0.00
86) Perylene-d12	15.75	264	297648	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1277964	150.99	ng	0.02
7) Phenol-d6	6.64	99	1732965	154.07	ng	0.00
23) Nitrobenzene-d5	7.57	82	922365	80.83	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	550618	166.92	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1830629	88.87	ng	0.00
78) Terphenyl-d14	13.13	244	1792129	115.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	162005	37.250	ng	89
3) Pyridine	3.77	79	447029	39.901	ng	86
4) n-Nitrosodimethylamine	3.73	42	242568	38.478	ng	# 82
6) Aniline	6.67	93	454002	29.675	ng	97
8) 2-Chlorophenol	6.80	128	435349	45.668	ng	99
9) Benzaldehyde	6.55	77	184356	21.141	ng	97
10) Phenol	6.64	94	543168	46.686	ng	85
11) bis(2-Chloroethyl)ether	6.74	93	413777	43.991	ng	93
12) 1,3-Dichlorobenzene	6.94	146	484226	43.931	ng	98
13) 1,4-Dichlorobenzene	7.02	146	493532	44.565	ng	98
14) 1,2-Dichlorobenzene	7.17	146	453798	44.053	ng	98
15) Benzyl Alcohol	7.14	79	335063	35.386	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	787255	40.628	ng	99
17) 2-Methylphenol	7.25	107	378269	46.271	ng	# 93
18) Hexachloroethane	7.51	117	179001	45.401	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	331785	43.621	ng	92
20) 3+4-Methylphenols	7.40	107	474796	45.322	ng	# 74
22) Acetophenone	7.41	105	627077	42.119	ng	# 96
24) Nitrobenzene	7.58	77	490508	42.510	ng	94
25) Isophorone	7.82	82	916296	42.130	ng	96
26) 2-Nitrophenol	7.90	139	223901	51.383	ng	95
27) 2,4-Dimethylphenol	7.93	122	413922	42.881	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	551151	43.409	ng	99
29) 2,4-Dichlorophenol	8.14	162	403903	45.468	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	426893	43.587	ng	97
31) Naphthalene	8.31	128	1286586	44.431	ng	99
32) Benzoic acid	8.05	122	182271	34.464	ng	91
33) 4-Chloroaniline	8.35	127	343590	27.227	ng	98
34) Hexachlorobutadiene	8.41	225	274799	44.321	ng	99
35) Caprolactam	8.73	113	114585m	41.162	ng	
36) 4-Chloro-3-methylphenol	8.84	107	424200	44.265	ng	99
37) 2-Methylnaphthalene	9.00	142	896617	43.764	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	450961	44.405	ng	98
40) Hexachlorocyclopentadiene	9.15	237	448852	68.426	ng	98

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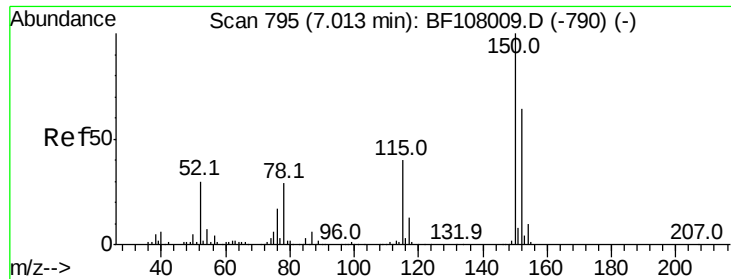
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	300563	47.692	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	330164	47.591	nq	# 94
45) 1,1'-Biphenyl	9.47	154	1093090	44.830	nq	98
46) 2-Chloronaphthalene	9.50	162	844064	43.798	nq	97
47) 2-Nitroaniline	9.59	65	284516	45.628	nq	88
48) Acenaphthylene	9.91	152	1357336	44.551	nq	99
49) Dimethylphthalate	9.77	163	1017526	44.170	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	222982	46.265	nq	96
51) Acenaphthene	10.08	154	795052	42.605	nq	99
52) 3-Nitroaniline	10.00	138	177952	33.745	nq	93
53) 2,4-Dinitrophenol	10.11	184	148072	81.908	nq	# 22
54) Dibenzofuran	10.26	168	1183038	43.759	nq	98
55) 4-Nitrophenol	10.17	139	292989	73.371	nq	88
56) 2,4-Dinitrotoluene	10.24	165	299227	48.232	nq	92
57) Fluorene	10.60	166	948386	44.313	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	275839	47.570	nq	# 84
59) Diethylphthalate	10.47	149	995624	44.632	nq	95
60) 4-Chlorophenyl-phenylether	10.59	204	488372	43.793	nq	90
61) 4-Nitroaniline	10.62	138	224655	43.090	nq	90
62) Azobenzene	10.75	77	988763	42.920	nq	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	109649	45.556	nq	91
65) n-Nitrosodiphenylamine	10.71	169	857353	44.950	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	319105	45.494	nq	# 83
67) Hexachlorobenzene	11.15	284	329202	44.607	nq	# 83
68) Atrazine	11.23	200	288280	45.063	nq	96
69) Pentachlorophenol	11.35	266	304602	86.231	nq	99
70) Phenanthrene	11.57	178	1346595	44.233	nq	99
71) Anthracene	11.62	178	1376950	44.130	nq	99
72) Carbazole	11.78	167	1170903	42.237	nq	99
73) Di-n-butylphthalate	12.09	149	1453623	46.293	nq	98
74) Fluoranthene	12.77	202	1389640	41.825	nq	96
76) Benzidine	12.88	184	460276	31.330	nq	99
77) Pyrene	12.99	202	1364780	54.824	nq	99
79) Butylbenzylphthalate	13.59	149	537533	54.379	nq	# 96
80) Benzo(a)anthracene	14.19	228	1007655	44.654	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	208718	25.809	nq	# 98
82) Chrysene	14.22	228	916414	44.296	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	688705	51.449	nq	99
84) Di-n-octyl phthalate	14.77	149	986741	48.334	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	884075	49.319	nq	# 91
87) Benzo(b)fluoranthene	15.28	252	826697	46.481	nq	# 96
88) Benzo(k)fluoranthene	15.32	252	709278	43.383	nq	# 95
89) Benzo(a)pyrene	15.68	252	741126	46.534	nq	# 97
90) Dibenzo(a,h)anthracene	17.38	278	747216	56.703	nq	# 94
91) Benzo(g,h,i)perylene	17.87	276	751665	57.928	nq	# 89

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



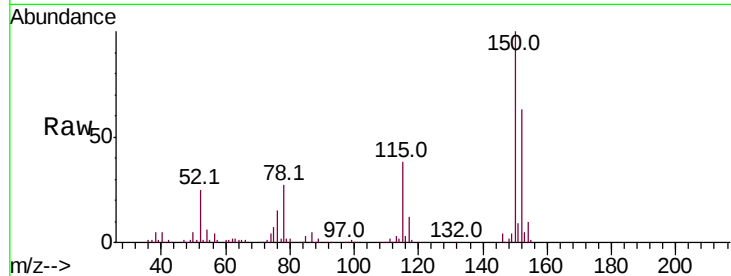
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	61.1	50.1	75.1

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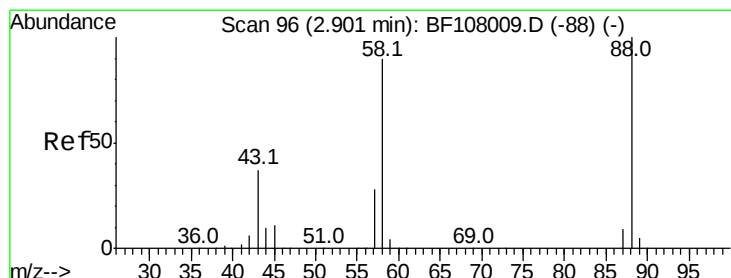
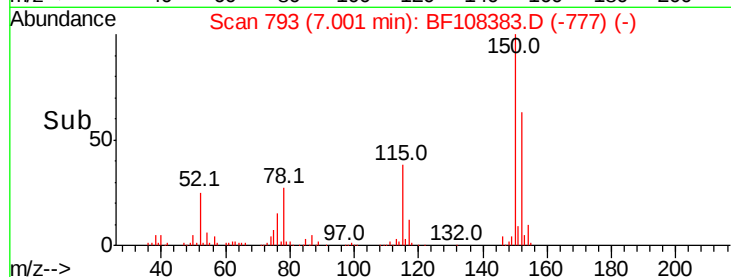
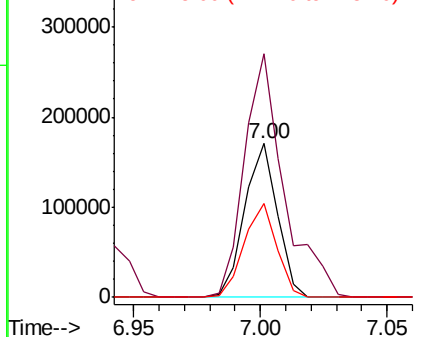


Abundance

Ion 152.00 (151.70 to 152.70): E

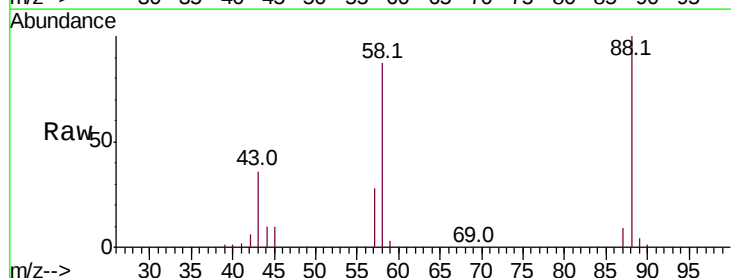
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 37.250 ng
 RT: 3.02 min Scan# 117
 Delta R.T. 0.15 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	62.6	93.8
43	35.3	24.6	37.0

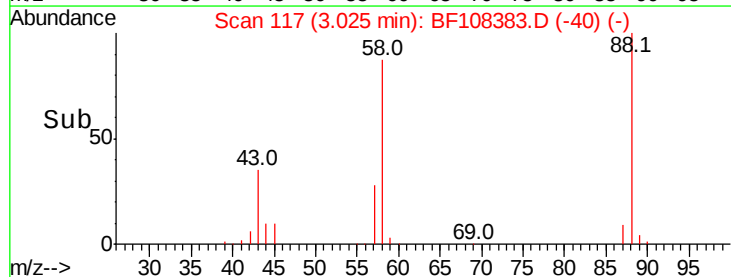
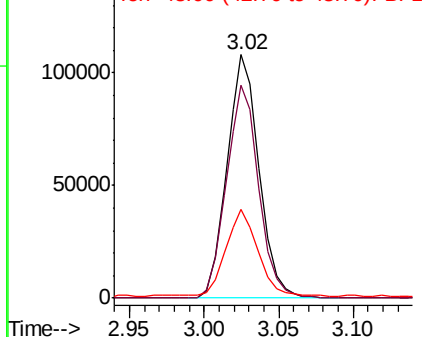


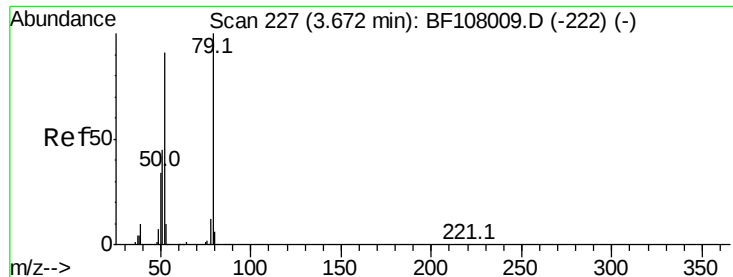
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.901 ng

RT: 3.77 min Scan# 243

Delta R.T. 0.11 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

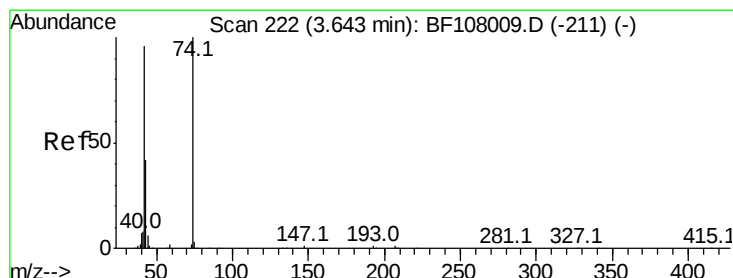
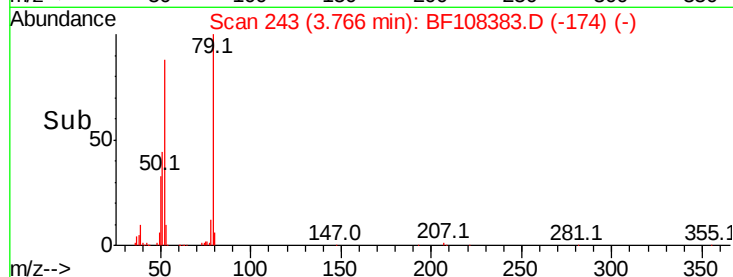
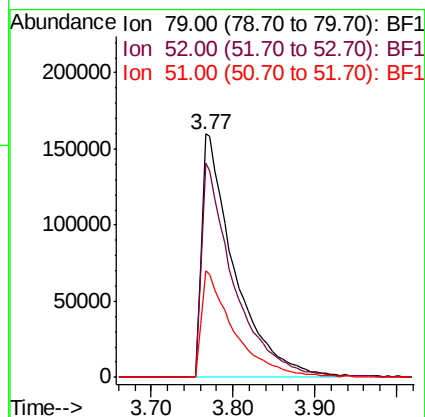
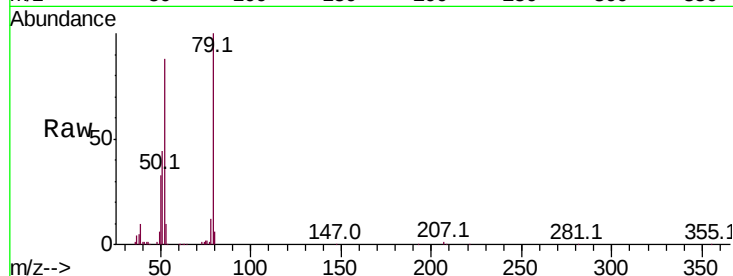
ClientSampleId :

PB112238BS

Tot Ion:	79	Resp:	447029
Ion	Ratio	Lower	Upper
79	100		
52	88.2	59.8	89.6
51	43.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 38.478 ng

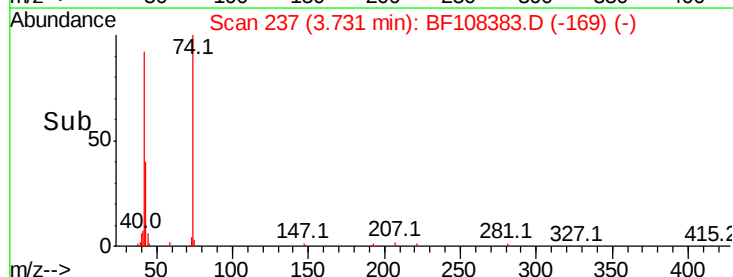
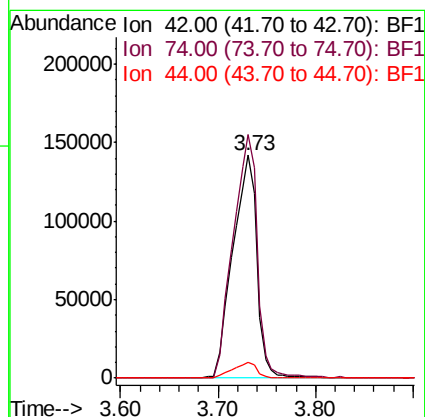
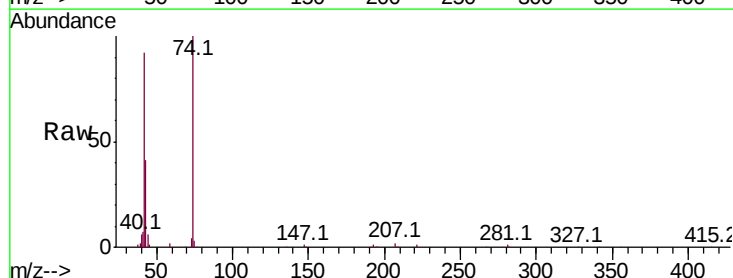
RT: 3.73 min Scan# 237

Delta R.T. 0.10 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	42	Resp:	242568
Ion	Ratio	Lower	Upper
42	100		
74	109.2	104.9	157.3
44	6.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 150.986 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tot Ion:112 Resp: 1277964

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

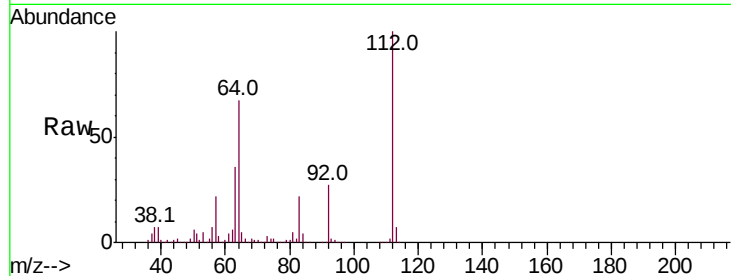
63 35.7 23.7 35.5#

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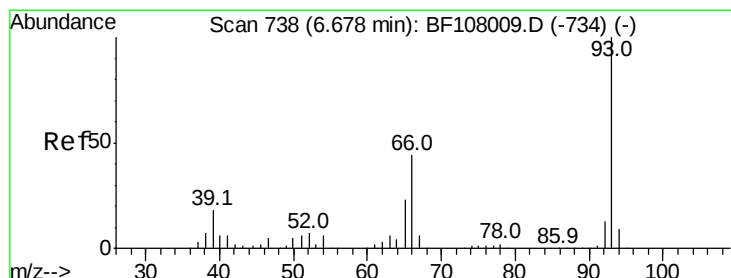
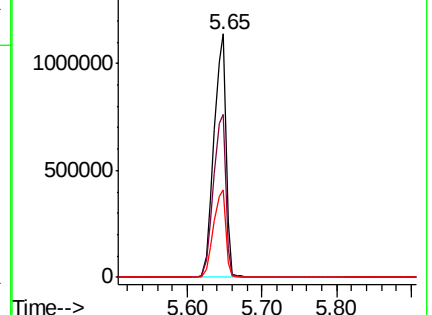
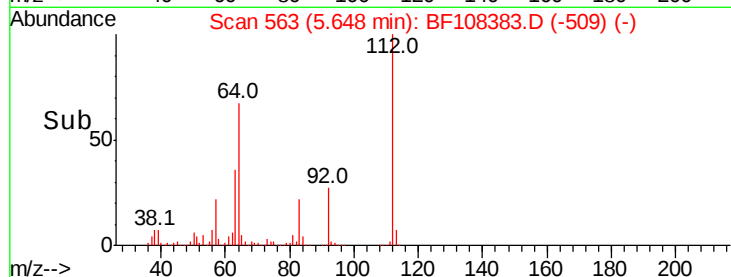
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.675 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

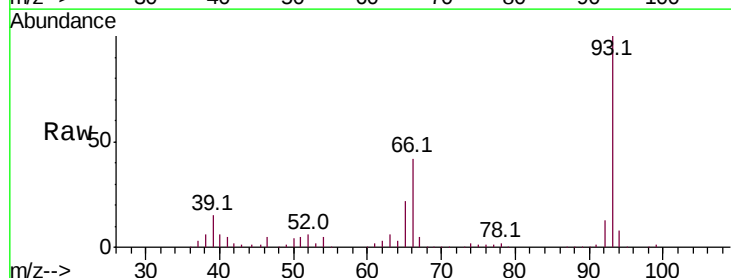
Tgt Ion: 93 Resp: 454002

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

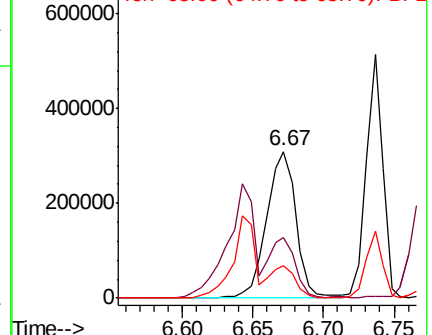
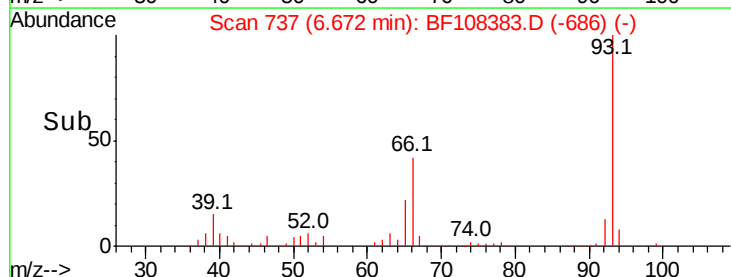
65 21.8 16.4 24.6

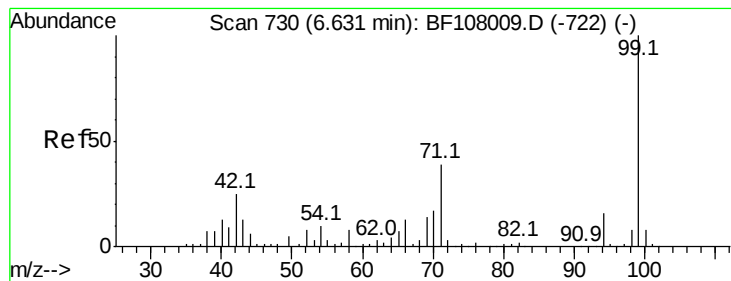


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.073 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tot Ion: 99 Resp: 1732965

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

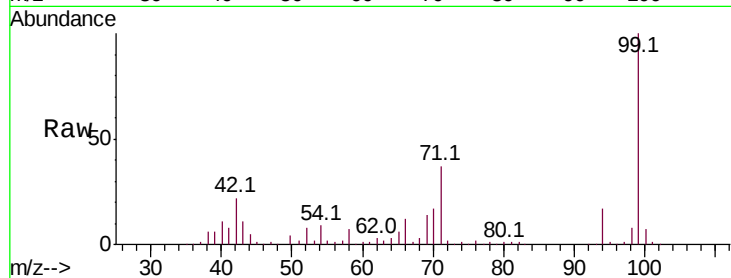
71 36.8 25.4 38.0

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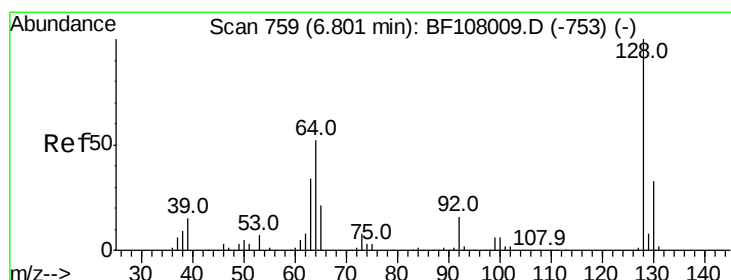
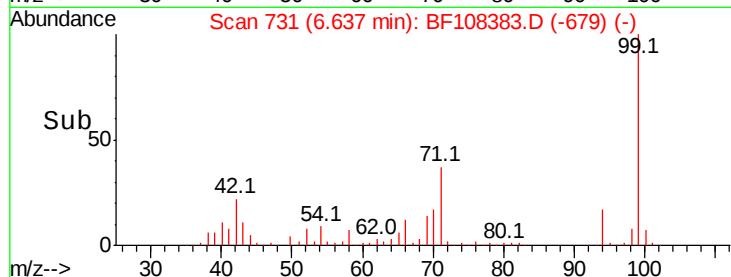
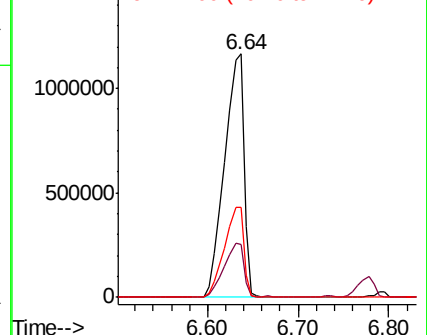
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.668 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

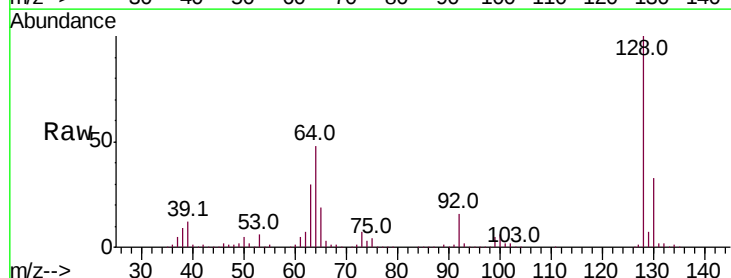
Tgt Ion:128 Resp: 435349

Ion Ratio Lower Upper

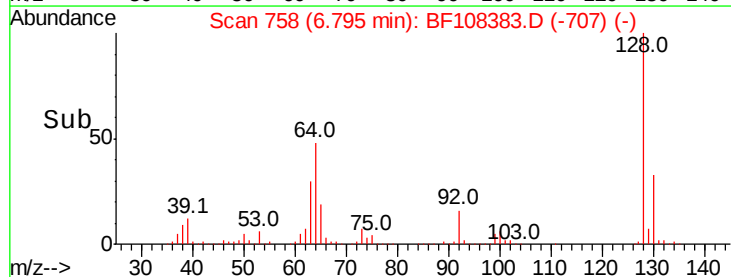
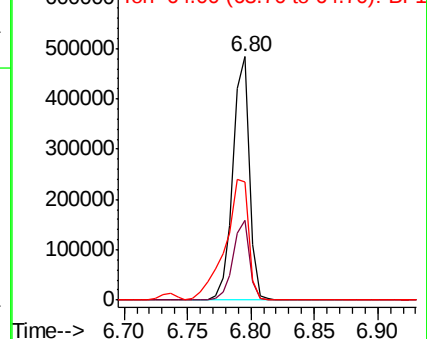
128 100

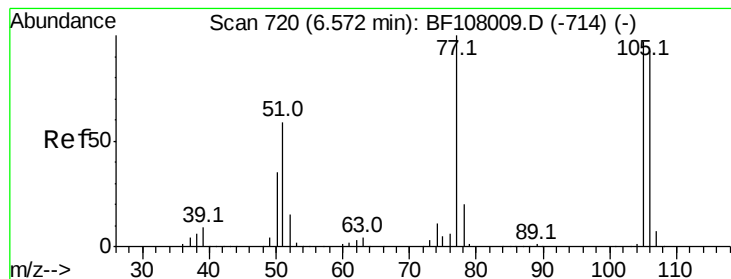
130 32.8 13.0 53.0

64 48.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 21.141 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

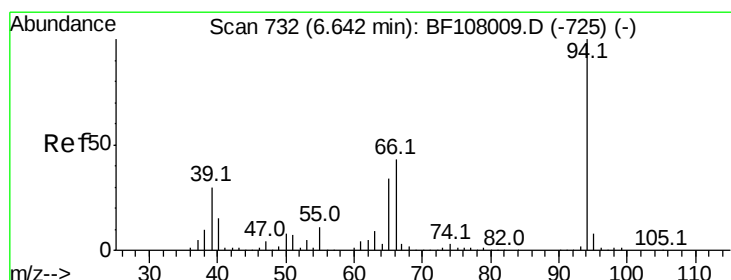
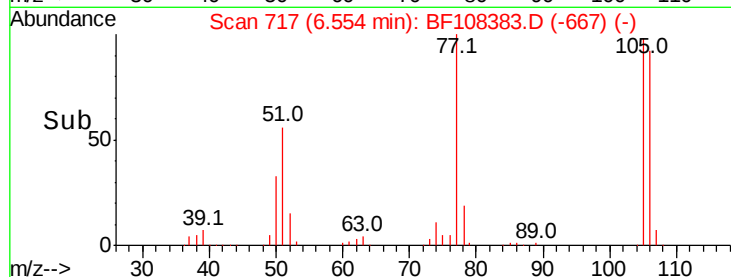
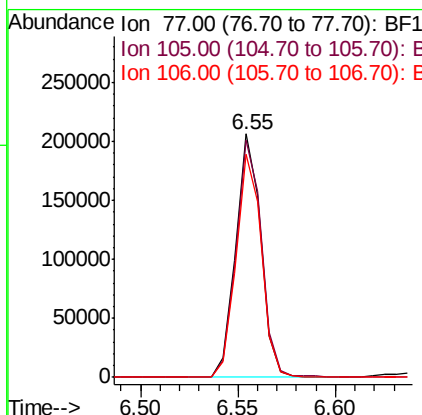
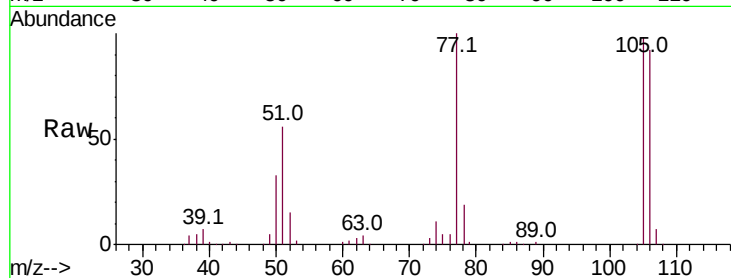
ClientSampleID :

PB112238BS

Tot Ion:	77	Resp:	184356
Ion Ratio	Lower	Upper	
77	100		
105	97.5	81.1	121.1
106	91.8	74.5	114.5

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#10

Phenol

Concen: 46.686 ng

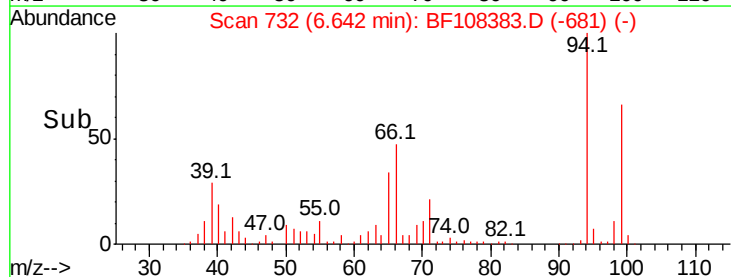
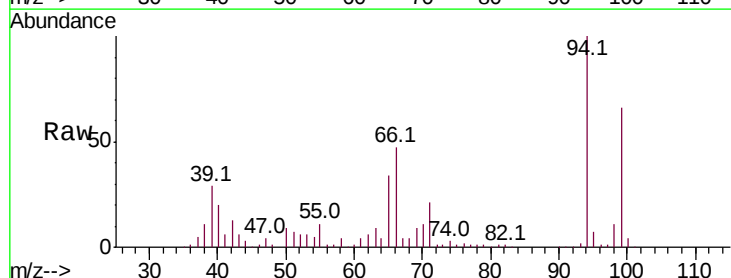
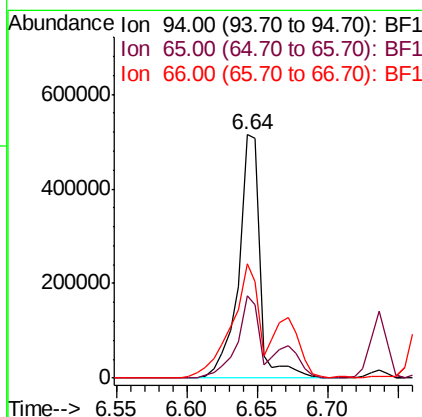
RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	94	Resp:	543168
Ion Ratio	Lower	Upper	
94	100		
65	33.9	7.9	47.9
66	46.7	16.2	56.2





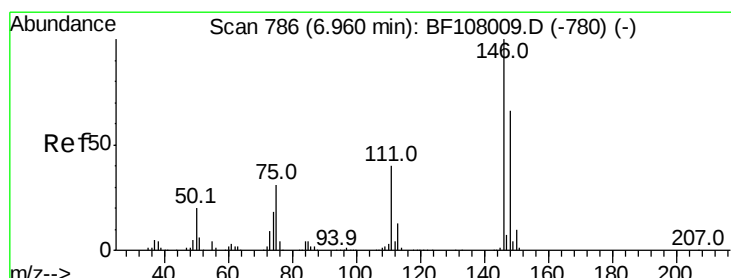
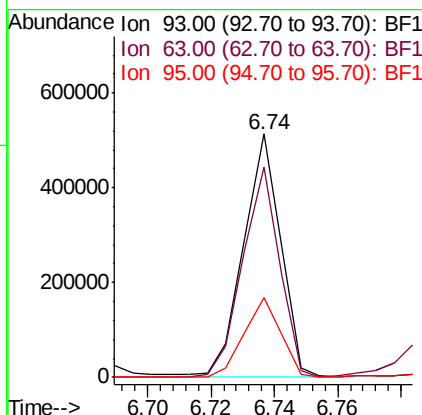
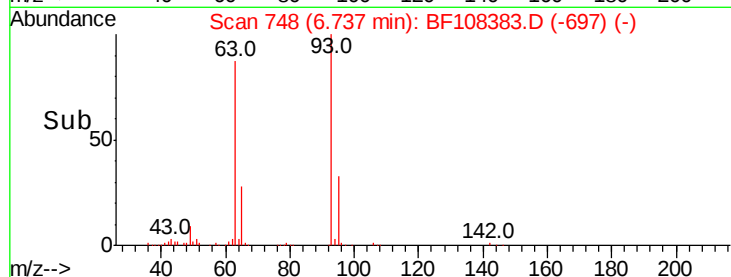
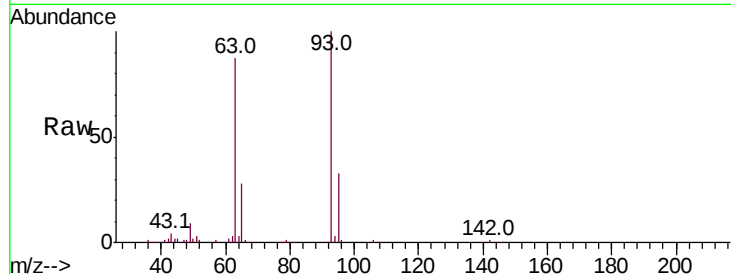
#11
bis(2-Chloroethyl)ether
Concen: 43.991 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.5	58.6	98.6
95	32.7	11.8	51.8

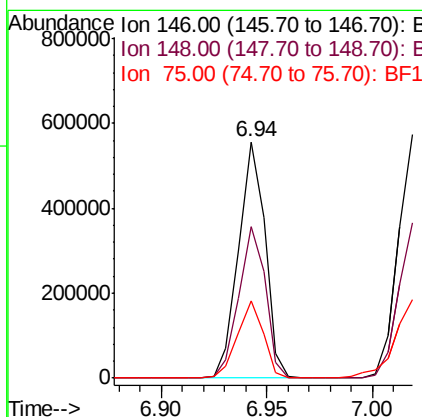
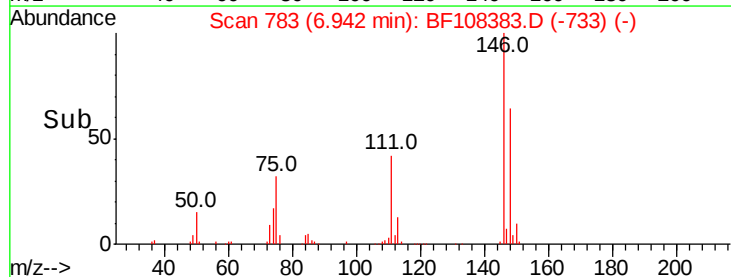
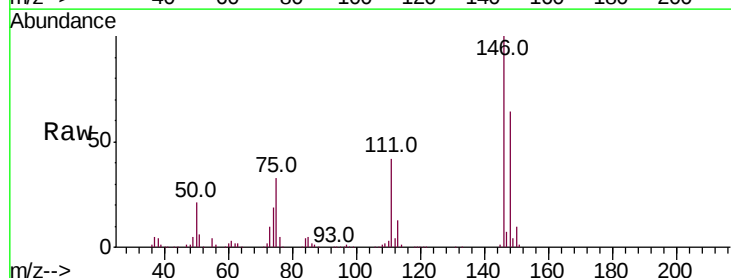
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 43.931 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	32.6	24.2	36.4





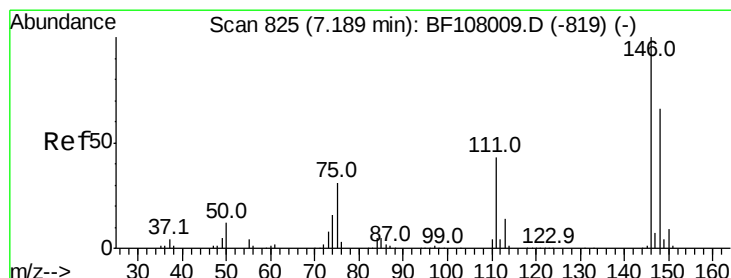
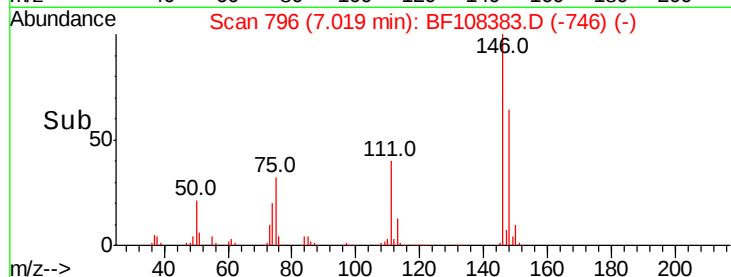
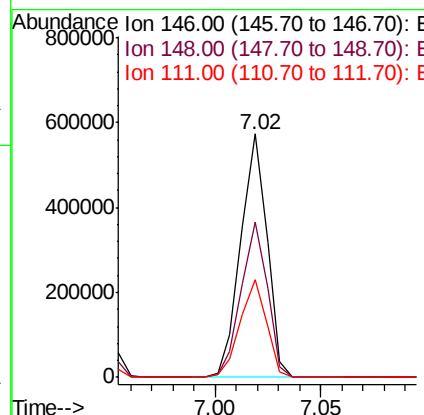
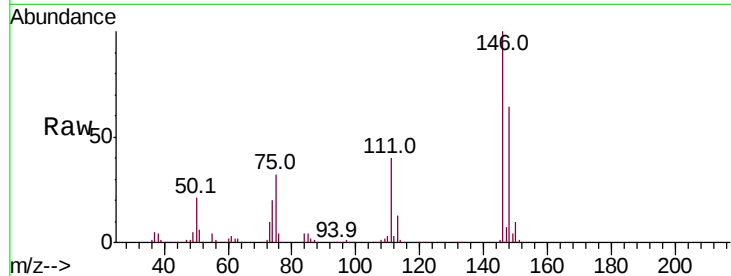
#13
 1,4-Dichlorobenzene
 Concen: 44.565 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	493532		
148	63.8		50.8	76.2
111	40.0		34.2	51.2

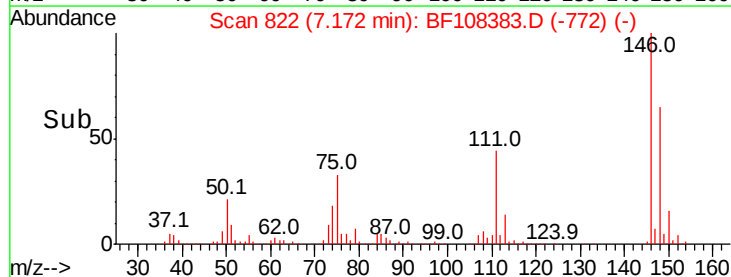
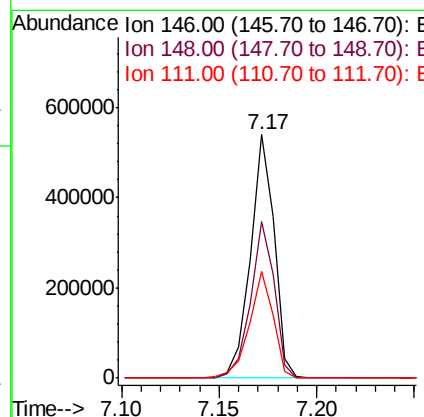
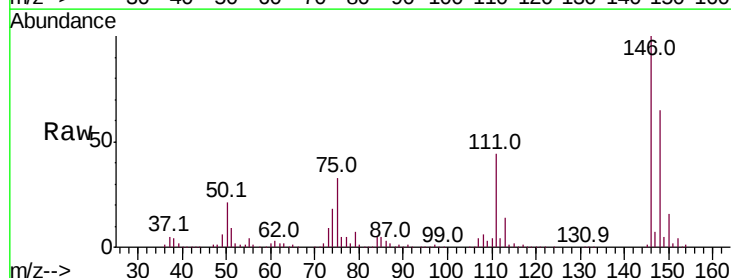
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 44.053 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	453798		
148	64.6		50.6	75.8
111	43.8		36.0	54.0





#15

Benzyl Alcohol

Concen: 35.386 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

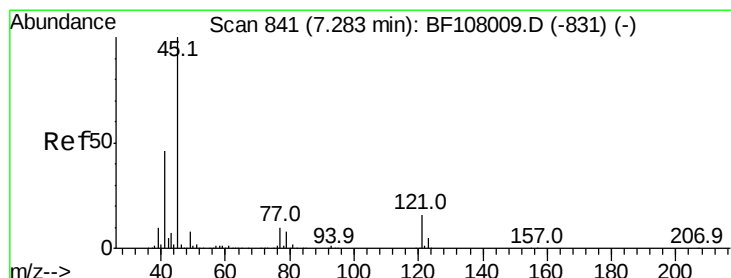
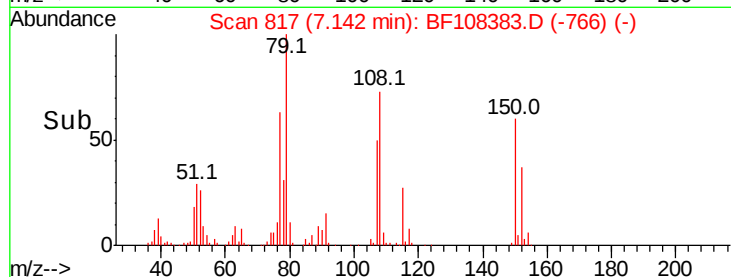
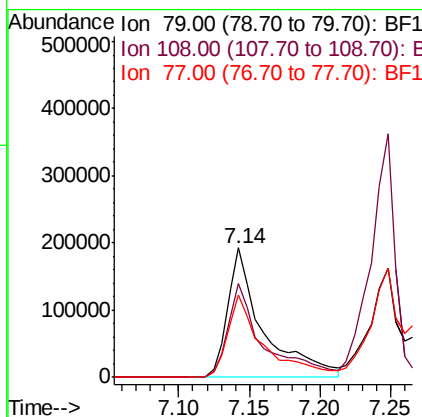
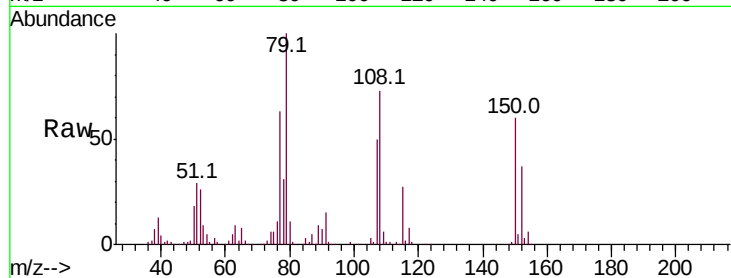
ClientSampled :

PB112238BS

Tot Ion:	79	Resp:	335063
Ion Ratio	Lower	Upper	
79	100		
108	72.5	65.1	97.7
77	63.5	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.628 ng

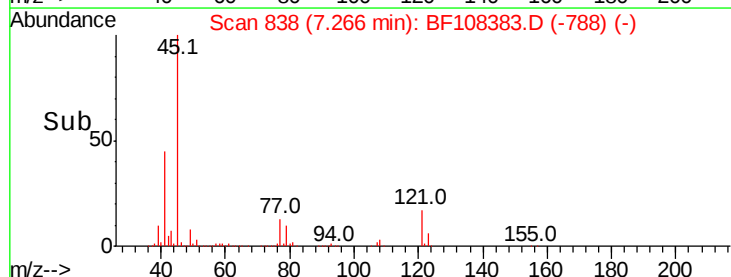
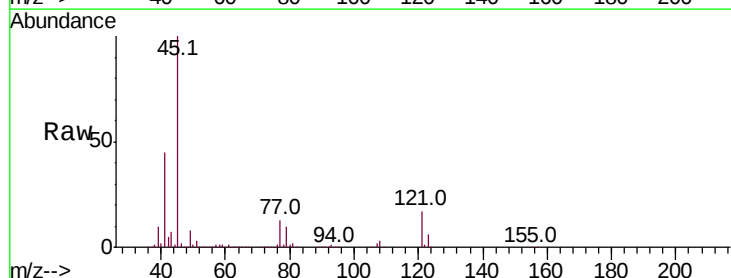
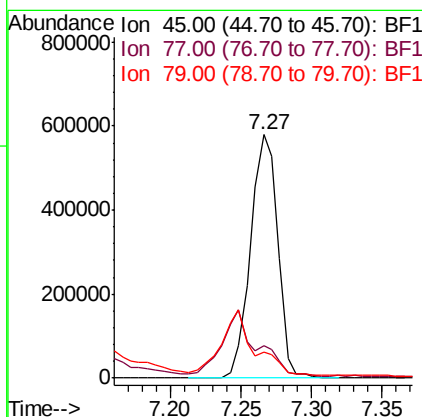
RT: 7.27 min Scan# 838

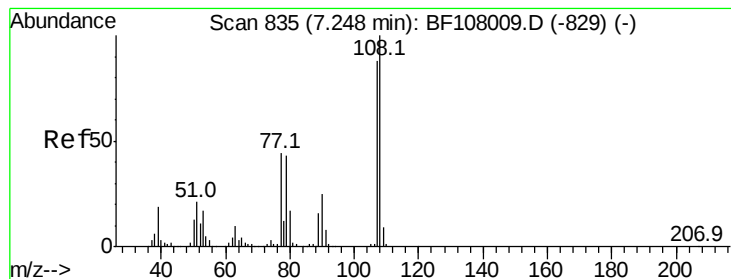
Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	45	Resp:	787255
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	32.9
79	10.5	0.0	29.6





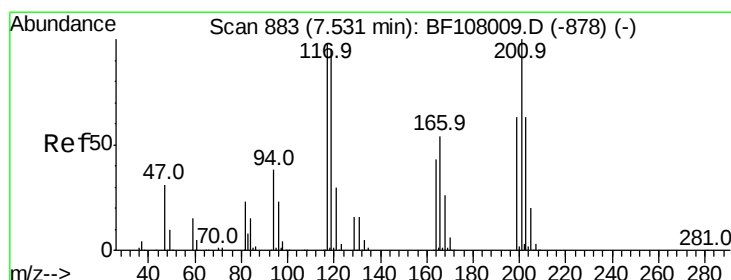
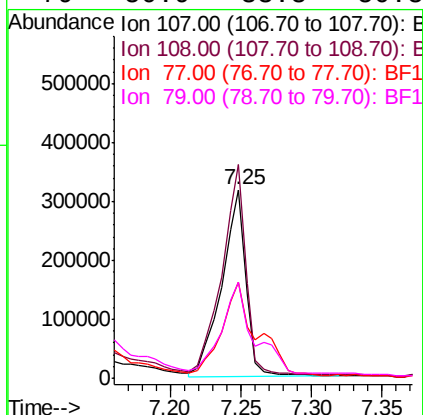
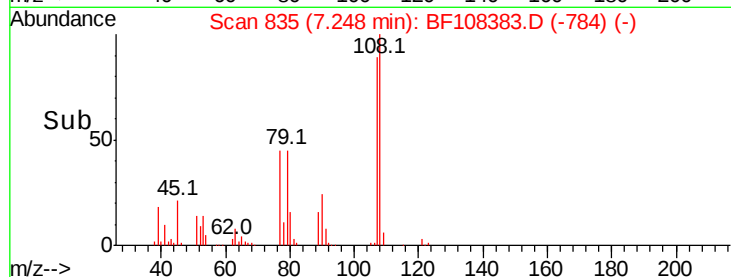
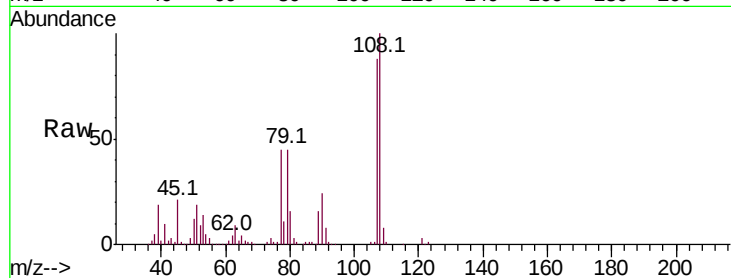
#17
2-Methylphenol
Concen: 46.271 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.1	91.7	137.5
77	51.0	33.8	50.8#
79	50.9	33.8	50.8#

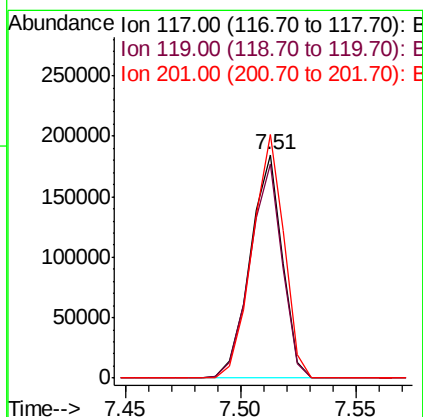
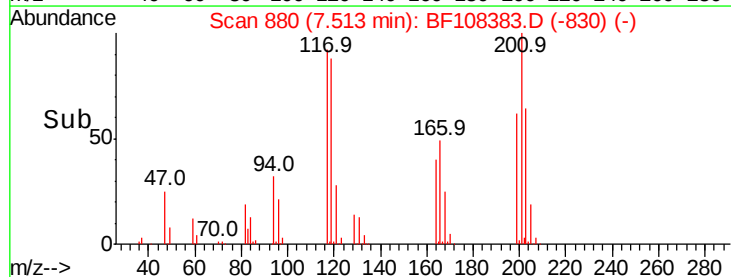
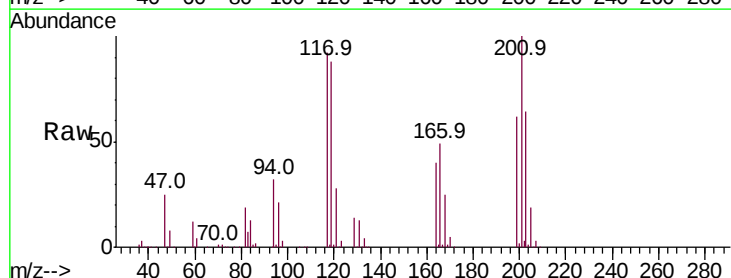
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#18
Hexachloroethane
Concen: 45.401 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.7	75.8	113.8
201	108.9	75.7	113.5





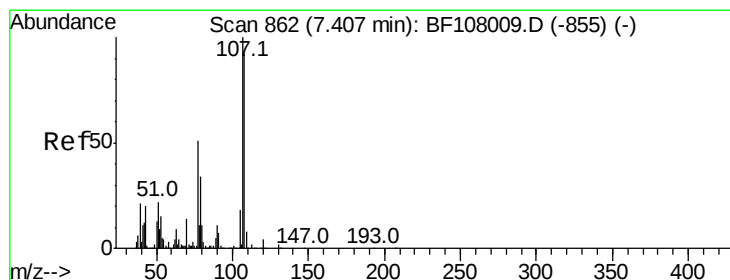
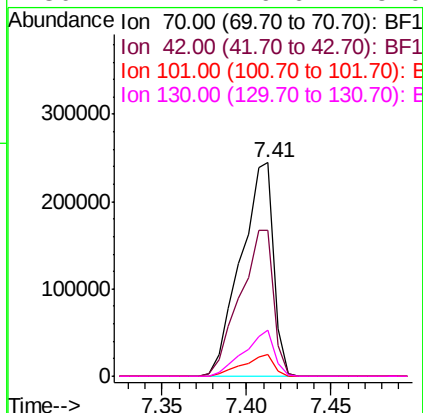
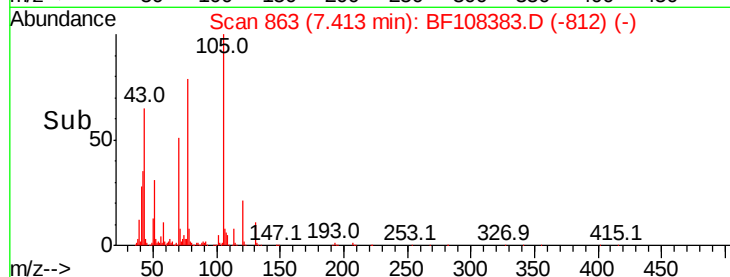
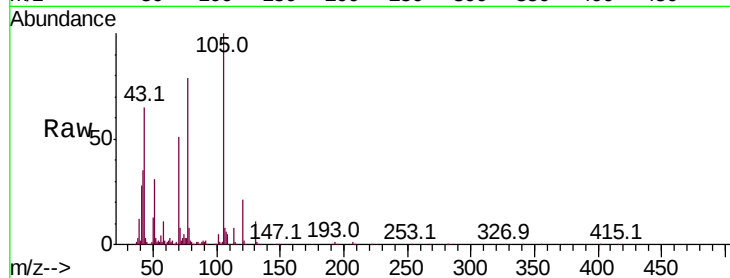
#19
n-Nitroso-di-n-propylamine
Concen: 43.621 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	47.5	71.3	
101	10.3	7.4	11.2	
130	21.4	16.6	25.0	

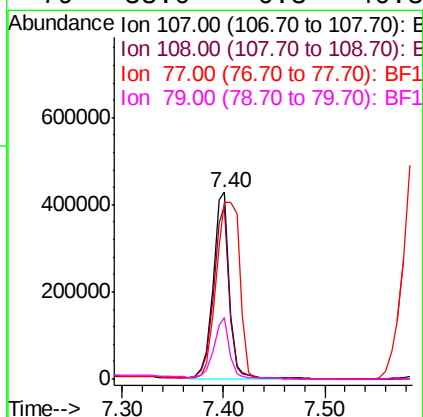
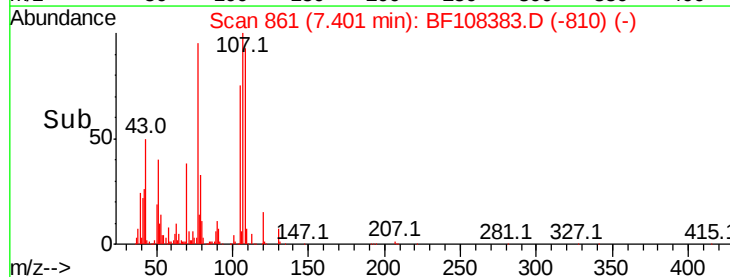
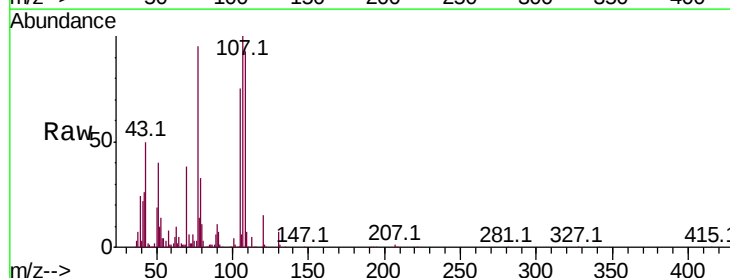
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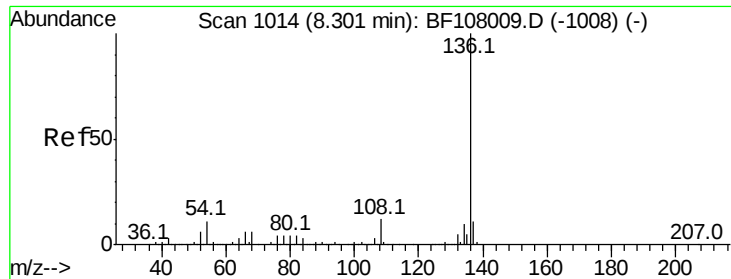
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#20
3+4-Methylphenols
Concen: 45.322 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.6	68.2	108.2	
77	94.6	26.7	66.7#	
79	33.0	6.3	46.3	





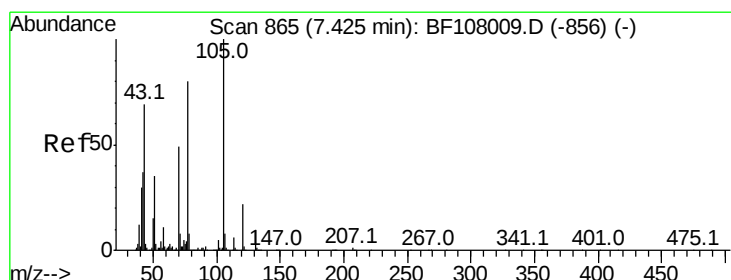
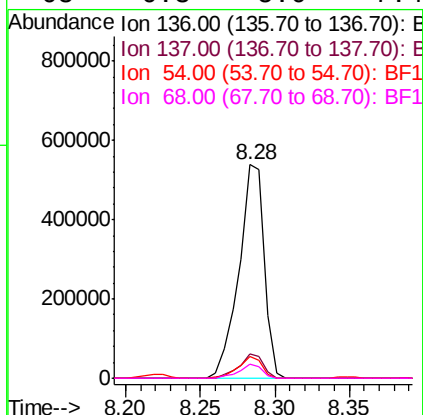
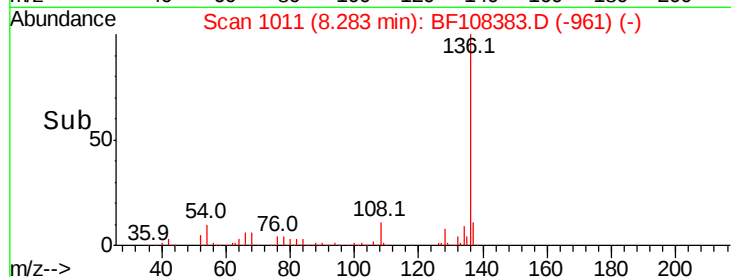
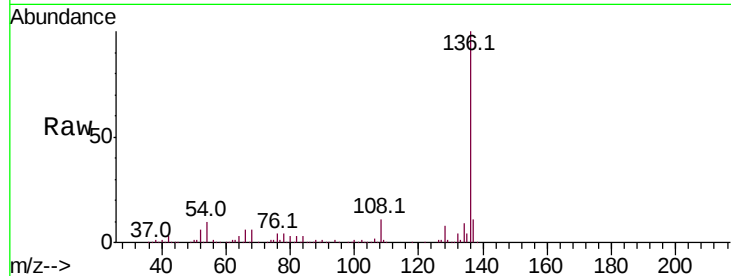
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	10.2	6.6	9.8	
68	6.3	5.0	7.4	

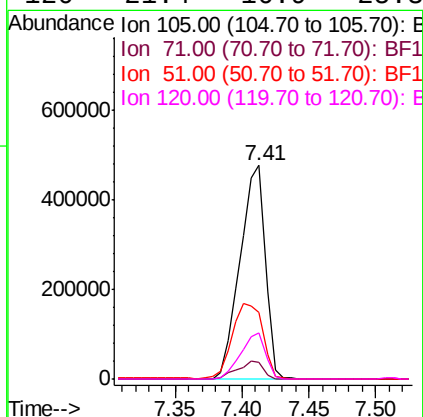
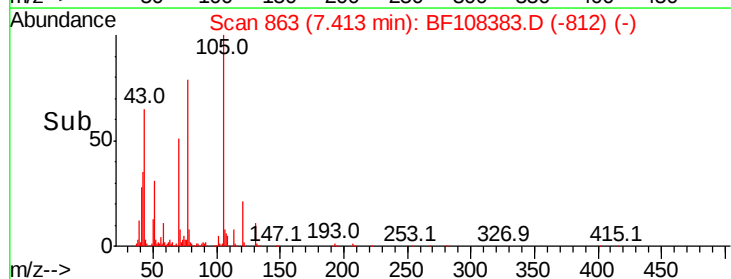
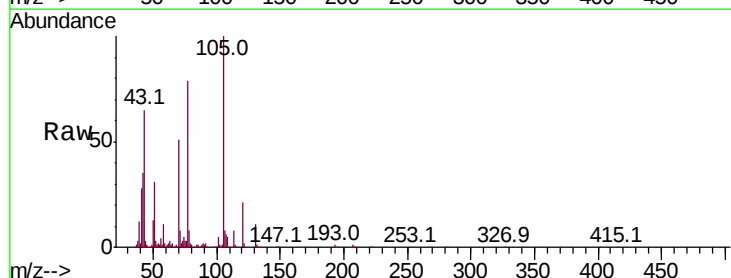
Manual Integrations
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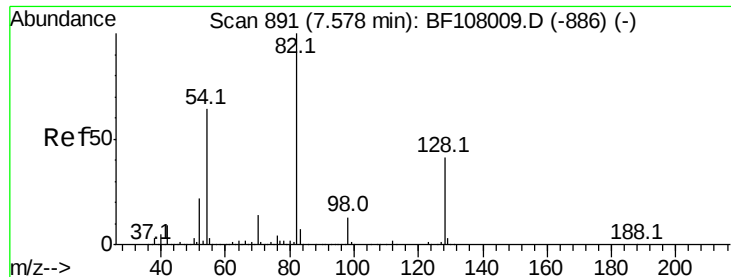
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#22
Acetophenone
Concen: 42.119 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.1	4.4	6.6	
51	31.4	22.3	33.5	
120	21.4	16.9	25.3	





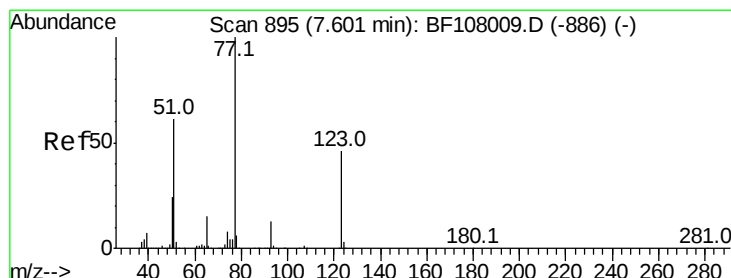
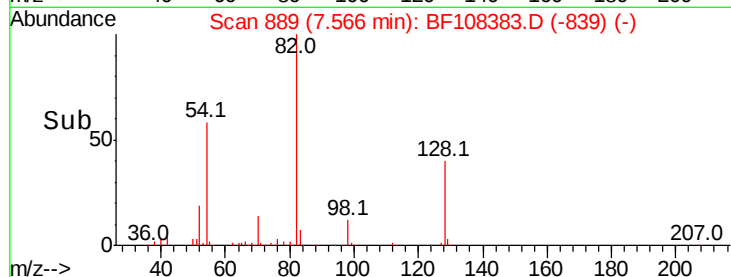
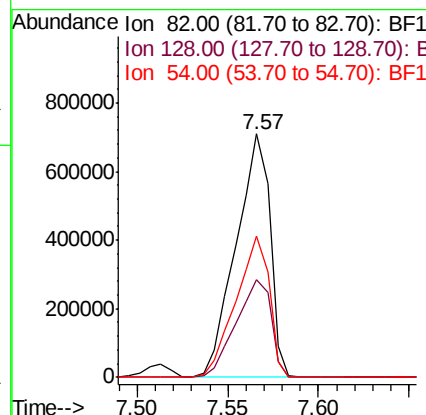
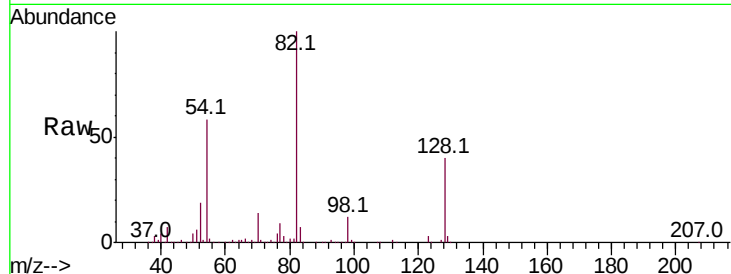
#23
Nitrobenzene-d5
Concen: 80.834 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	58.0	41.4	62.2

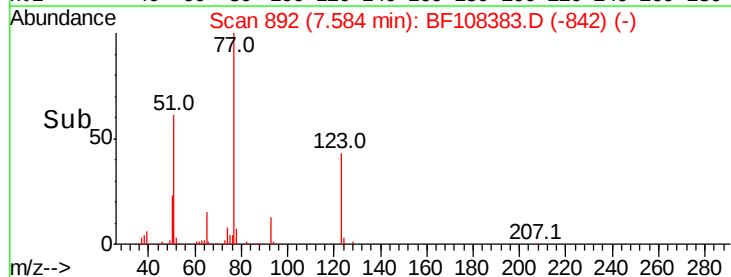
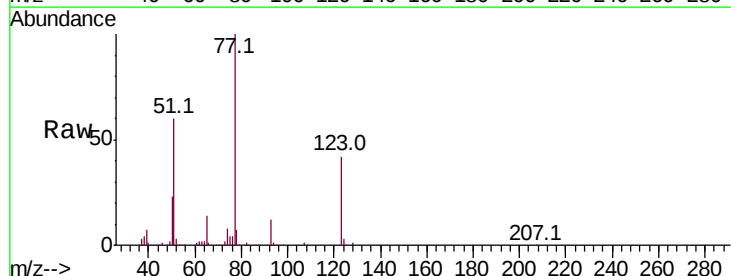
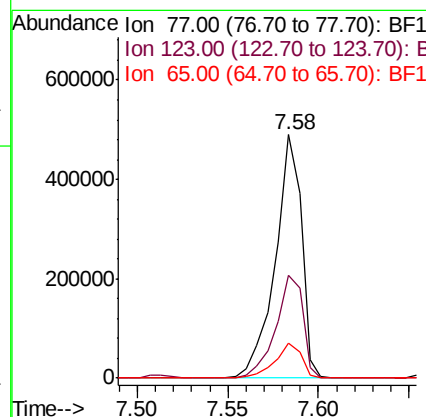
Manual Integrations
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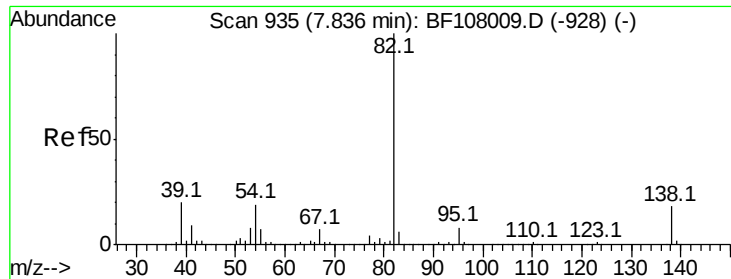
Sohil
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#24
Nitrobenzene
Concen: 42.510 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	37.9	56.9
65	14.4	11.0	16.4





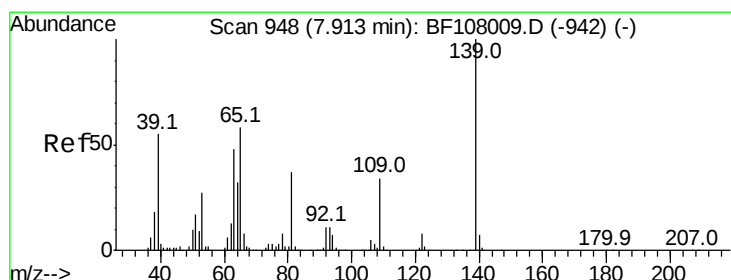
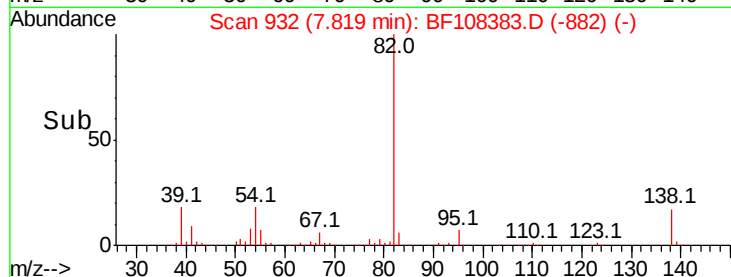
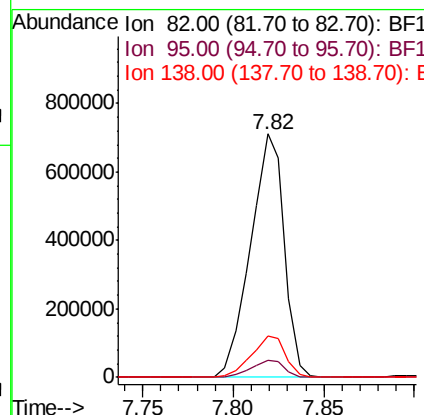
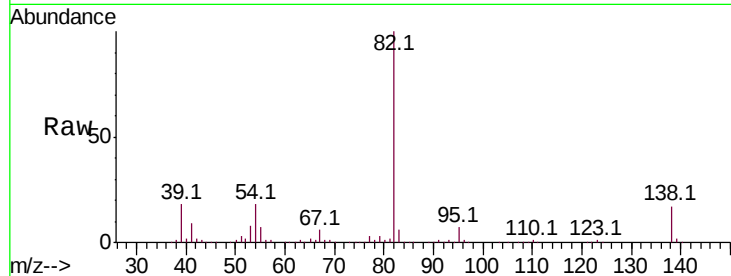
#25
Isophorone
Concen: 42.130 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	5.2	7.8	
138	16.7	14.9	22.3	

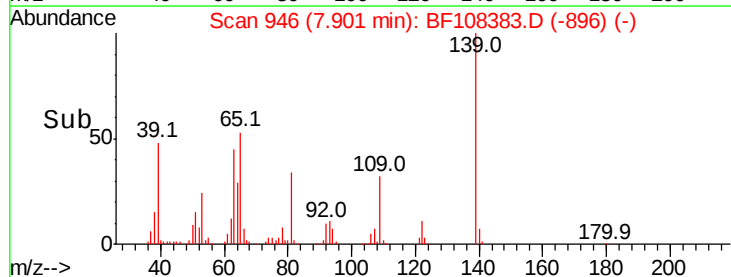
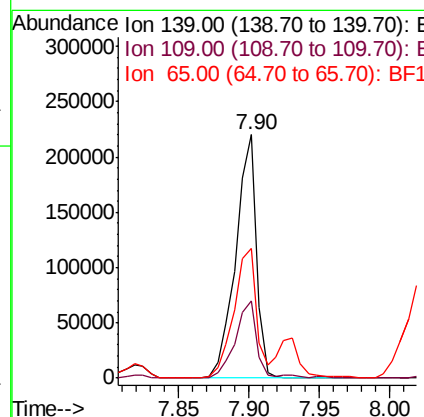
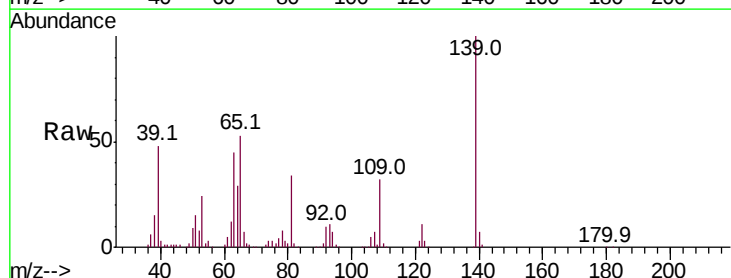
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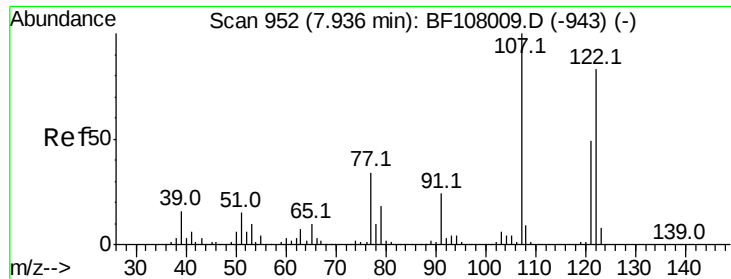
Sohil
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#26
2-Nitrophenol
Concen: 51.383 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.9	22.7	34.1	
65	53.2	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 42.881 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

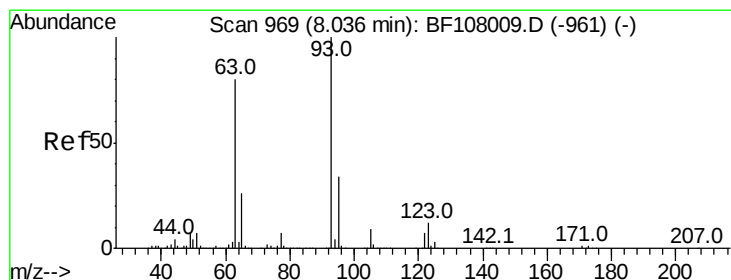
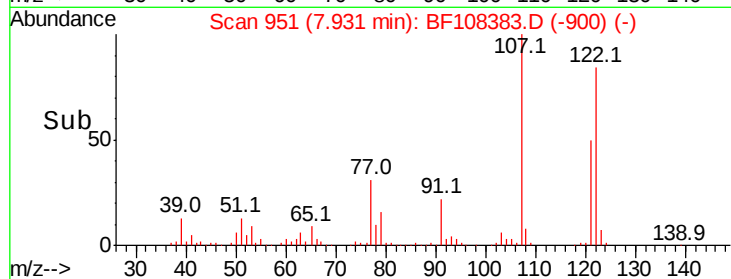
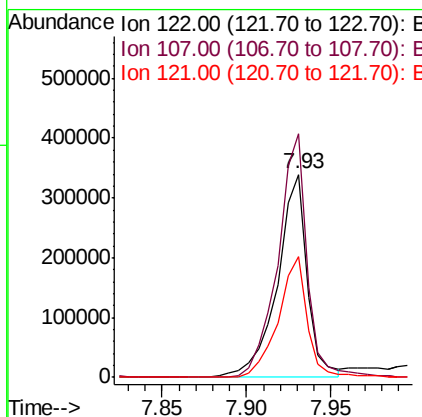
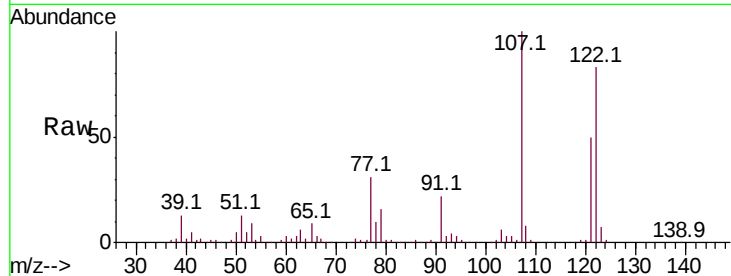
ClientSampleId :

PB112238BS

Tot Ion:	122	Resp:	413922
Ion Ratio	Lower	Upper	
122	100		
107	119.8	91.2	136.8
121	59.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.409 ng

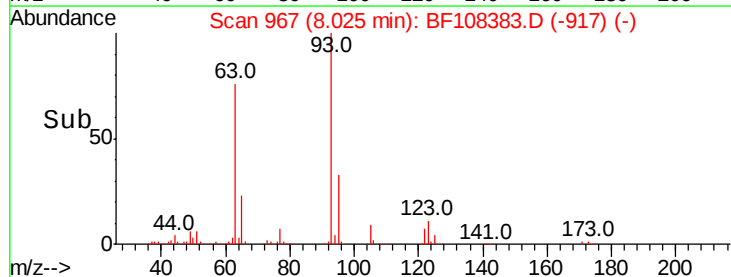
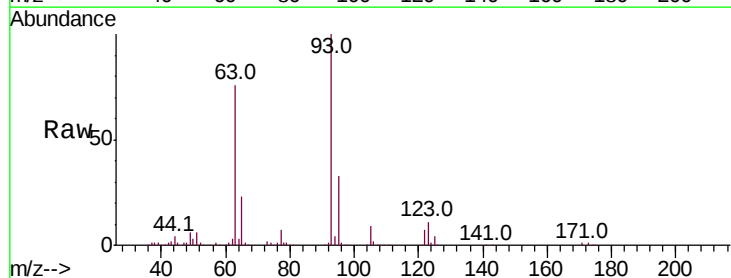
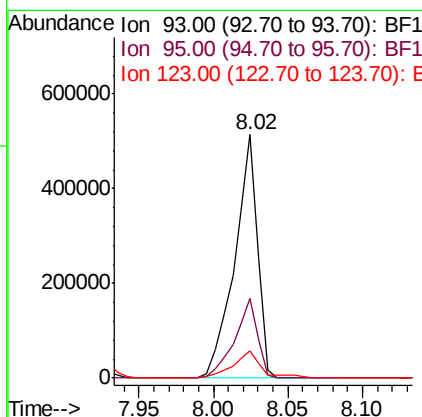
RT: 8.02 min Scan# 967

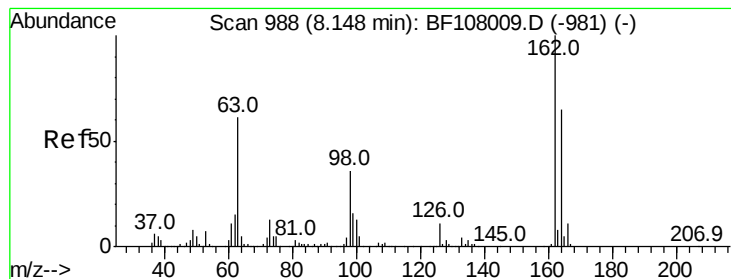
Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	93	Resp:	551151
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 45.468 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

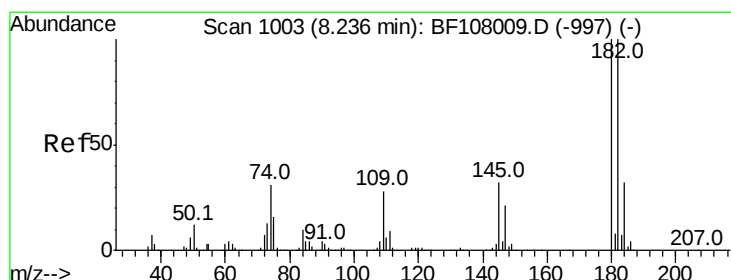
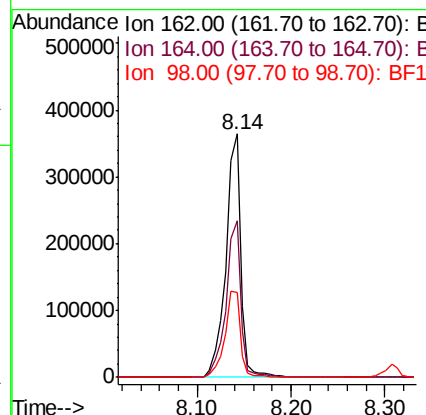
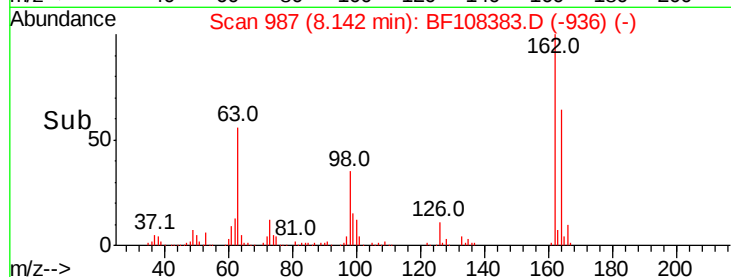
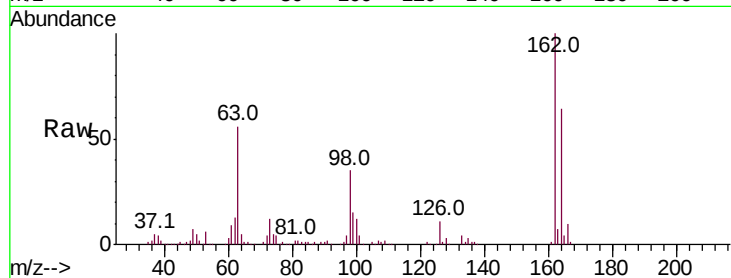
ClientSampled :

PB112238BS

Tot Ion:	162	Resp:	403903
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	35.0	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 43.587 ng

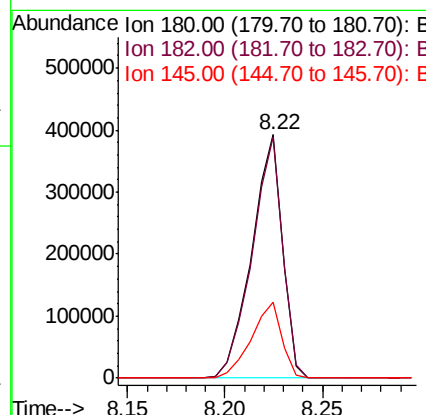
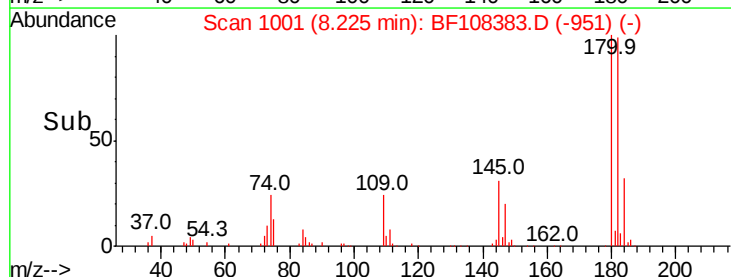
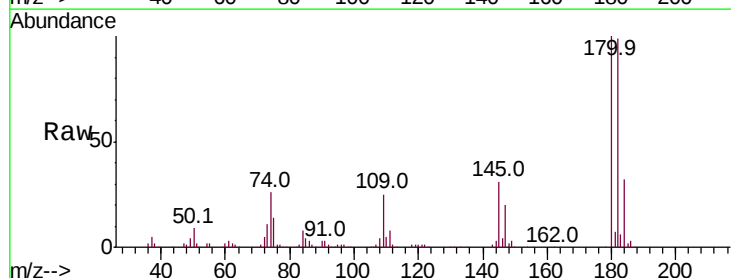
RT: 8.22 min Scan# 1001

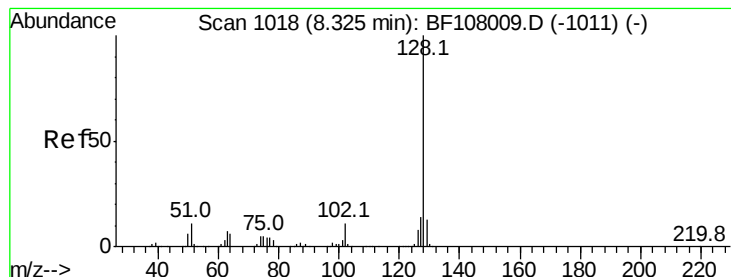
Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	180	Resp:	426893
Ion Ratio	Lower	Upper	
180	100		
182	99.0	76.8	115.2
145	31.3	26.5	39.7





#31

Naphthalene

Concen: 44.431 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

ClientSampleId :

PB112238BS

Tot Ion:128 Resp: 1286586

Ion Ratio Lower Upper

128 100

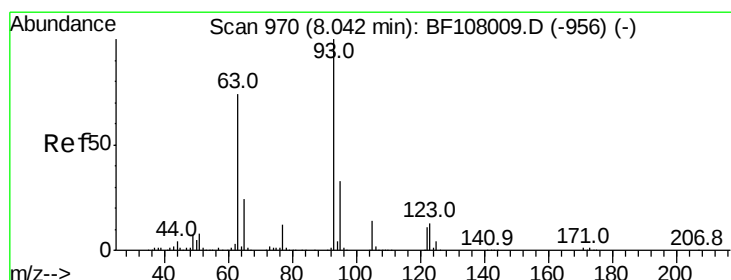
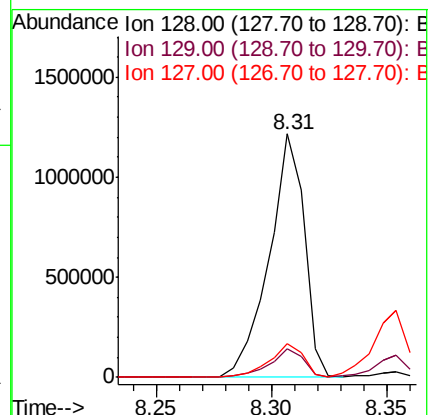
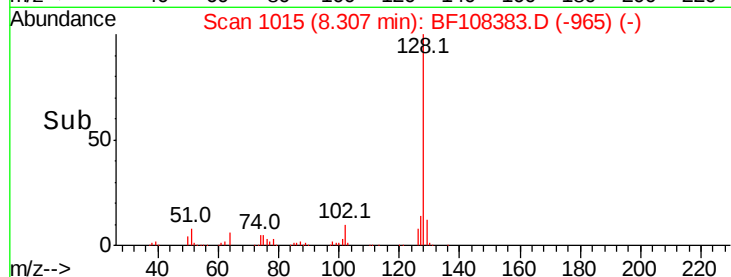
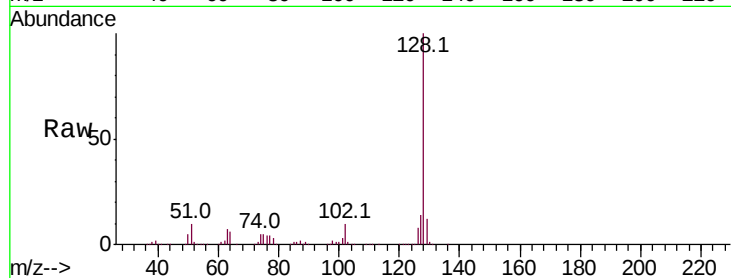
129 11.5 8.8 13.2

127 13.7 10.9 16.3

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#32

Benzoic acid

Concen: 34.464 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

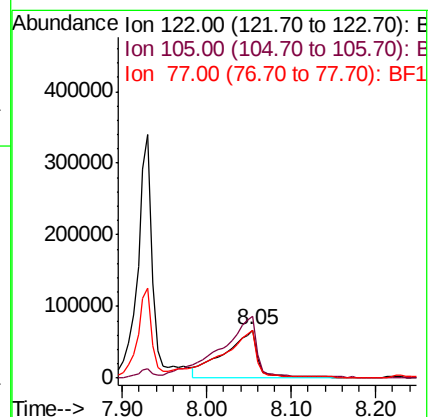
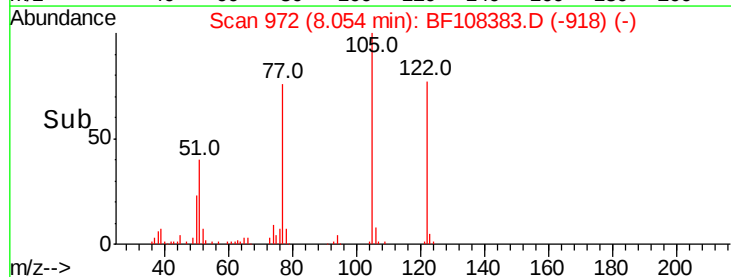
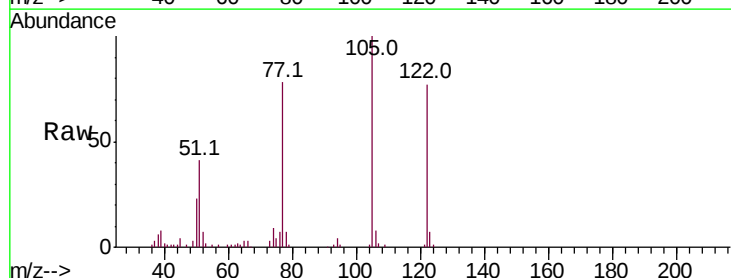
Tgt Ion:122 Resp: 182271

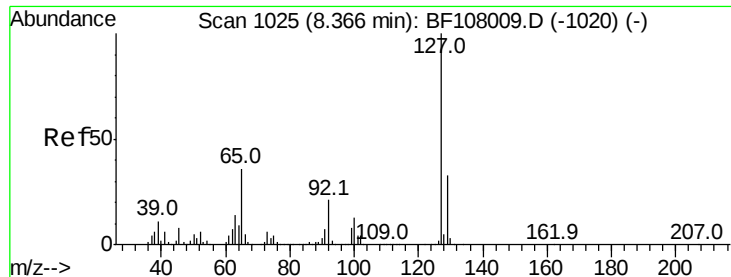
Ion Ratio Lower Upper

122 100

105 129.2 101.1 141.1

77 100.7 70.7 110.7





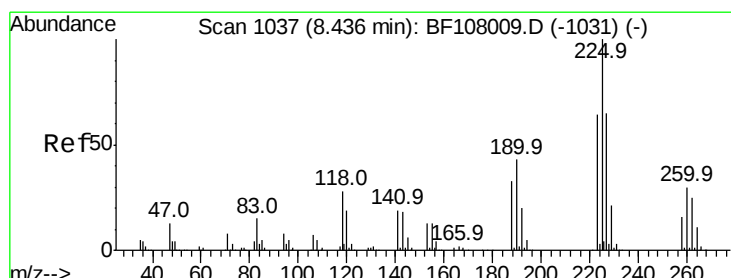
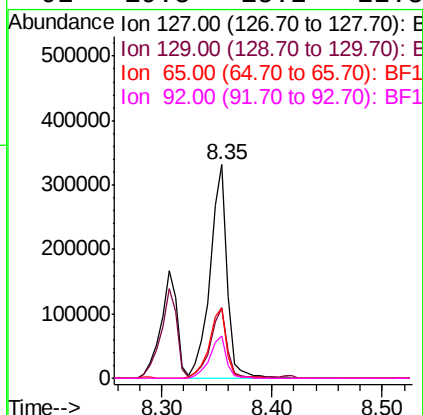
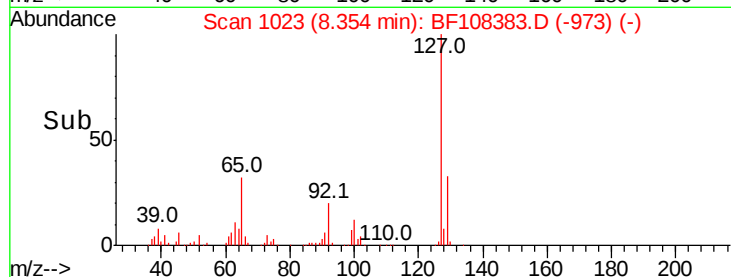
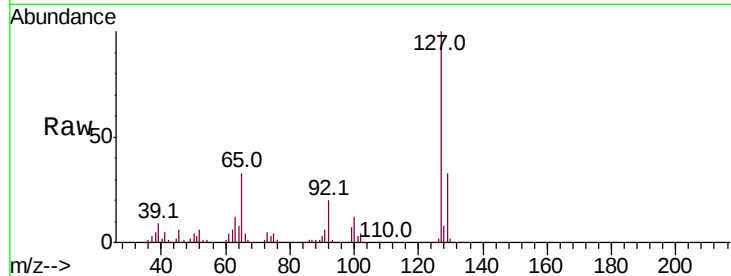
#33
4-Chloroaniline
Concen: 27.227 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	25.9	38.9	
65	32.8	25.0	37.4	
92	19.5	15.2	22.8	

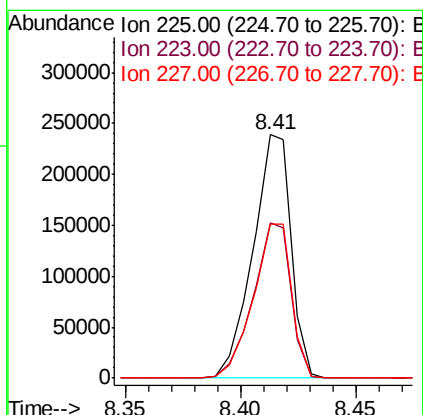
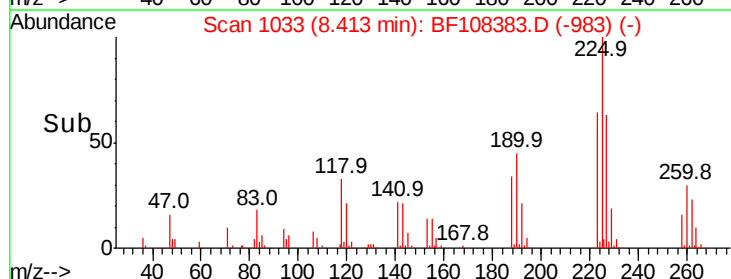
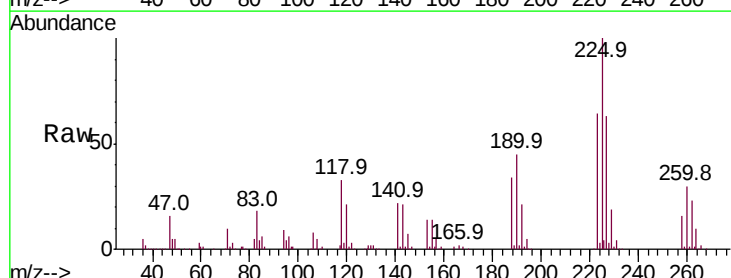
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#34
Hexachlorobutadiene
Concen: 44.321 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	63.4	51.9	77.9	





#35

Caprolactam

Concen: 41.162 ng/ml

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

ClientSampleID :

PB112238BS

Tot Ion:113 Resp: 114585

Ion Ratio Lower Upper

113 100

55 205.2 163.3 203.3#

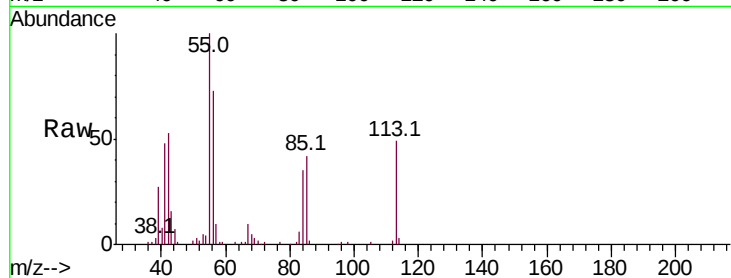
56 149.8 115.7 155.7

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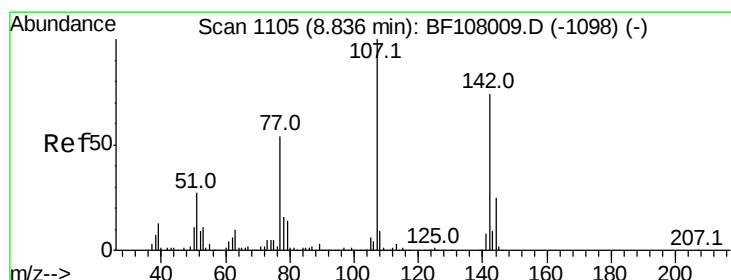
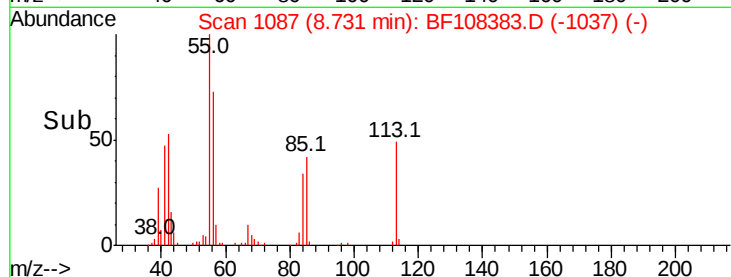
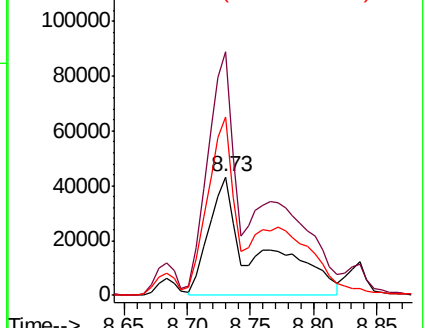
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.265 ng/ml

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

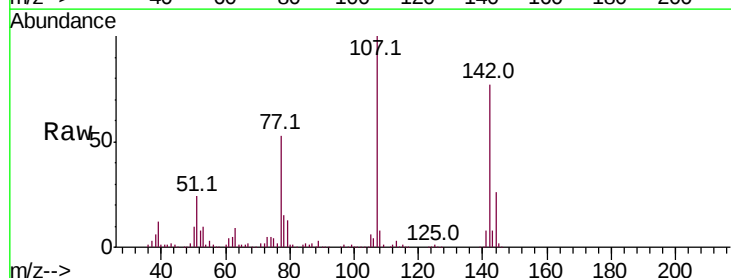
Tgt Ion:107 Resp: 424200

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

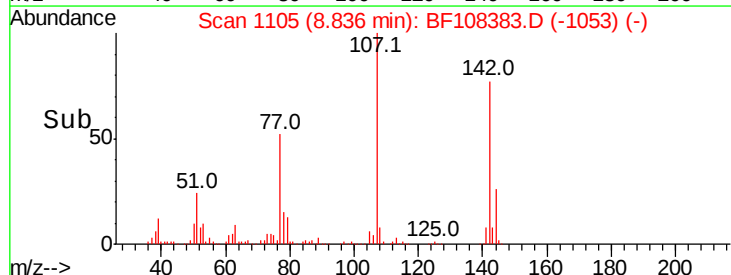
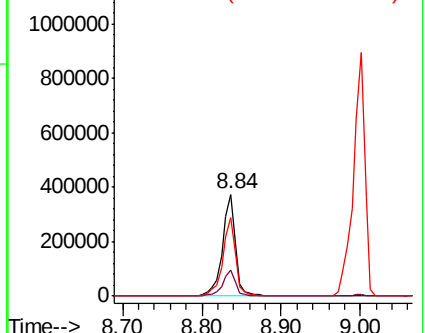
142 76.9 62.0 93.0

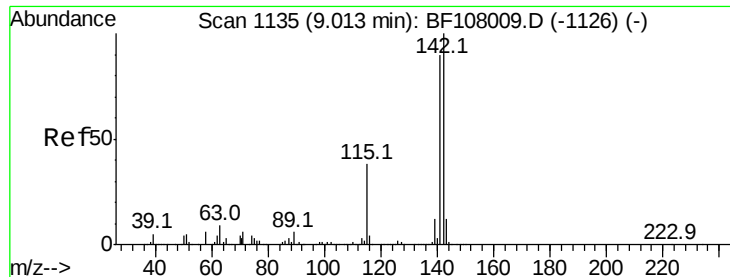


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.764 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

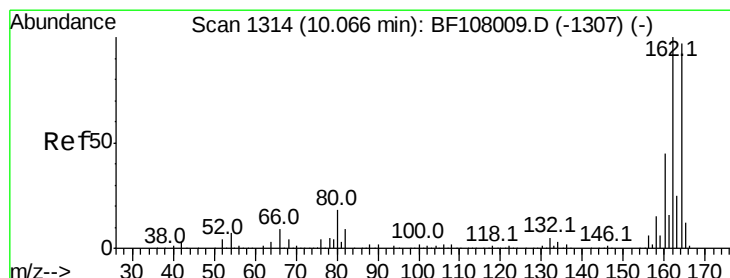
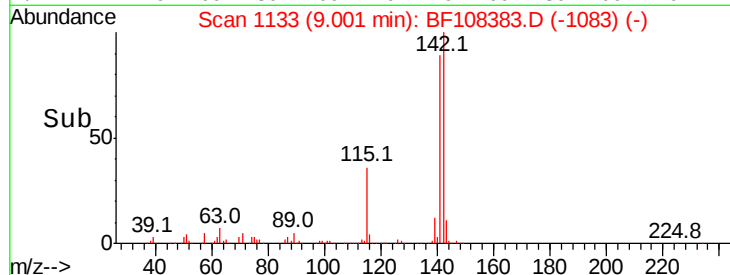
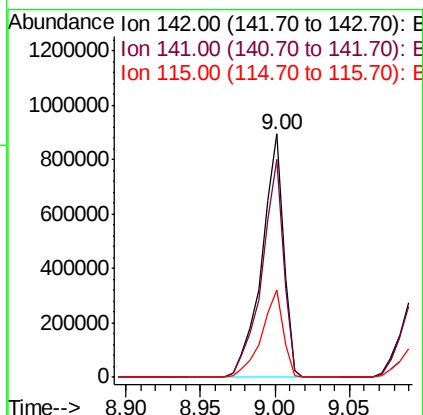
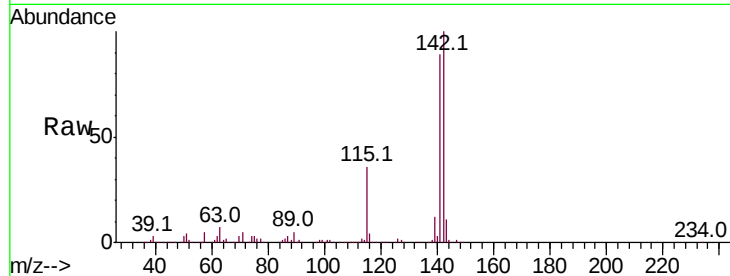
Instrument :
BNA_F

ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	896617		
141	89.3	70.8	106.2	
115	36.2	26.1	39.1	

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#38

Acenaphthene-d10

Concen: 20.000 ng

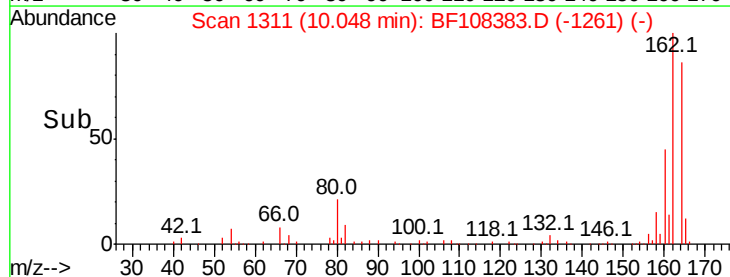
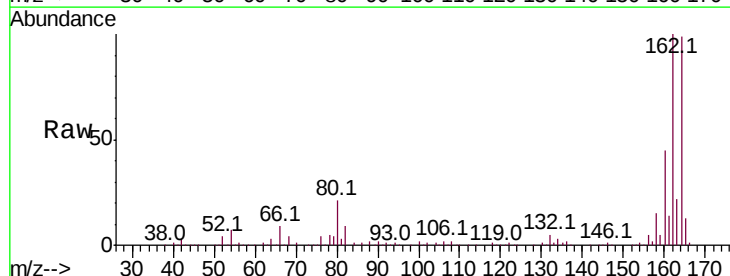
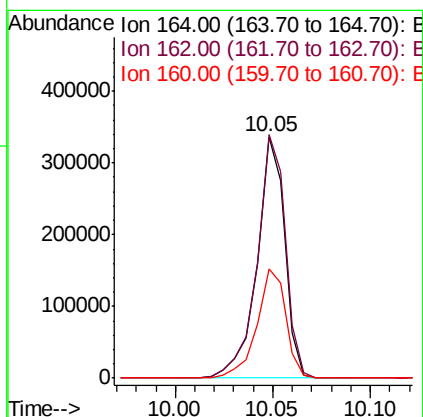
RT: 10.05 min Scan# 1311

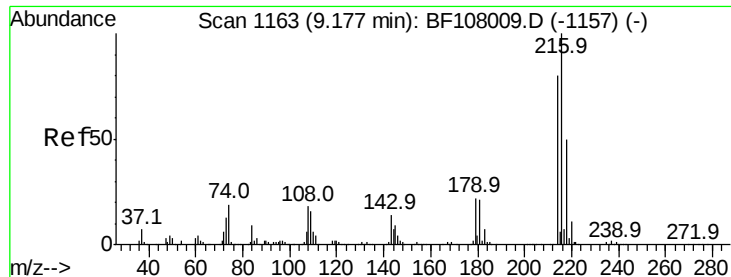
Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	330709		
162	100.8	86.1	129.1	
160	45.5	38.3	57.5	





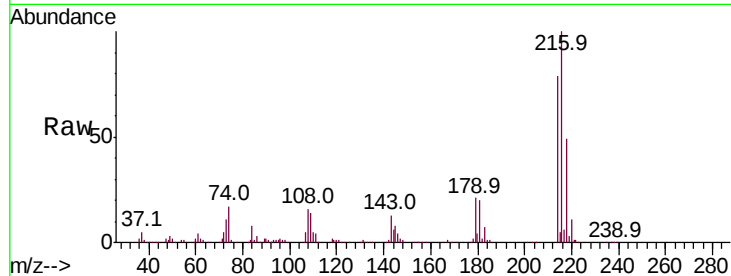
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.405 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

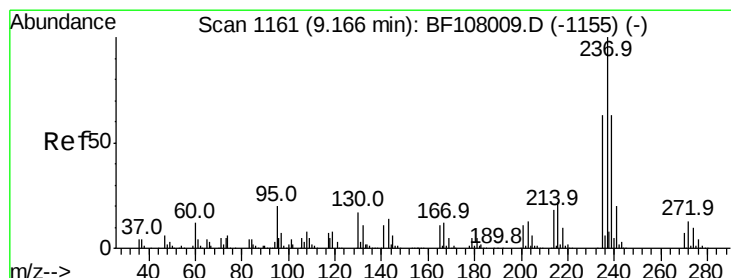
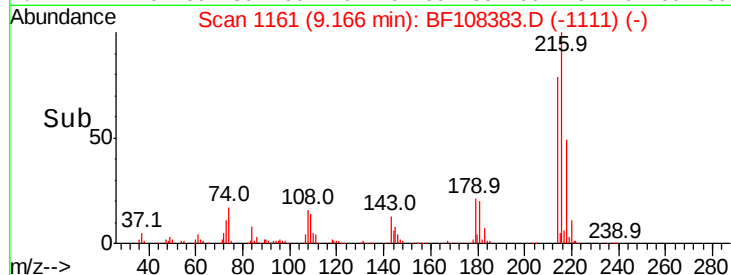
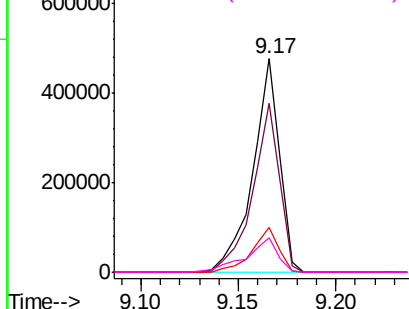
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		450961		
214	79.6	63.0	94.4		
179	21.0	18.1	27.1		
108	19.4	17.2	25.8		

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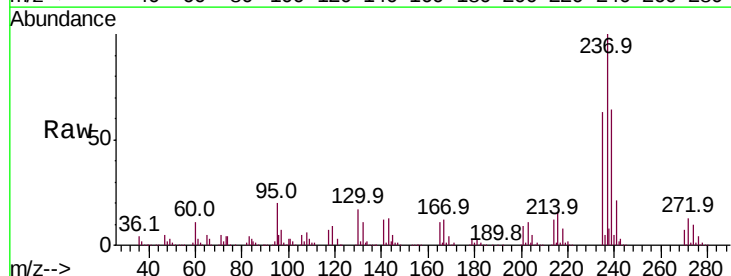


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

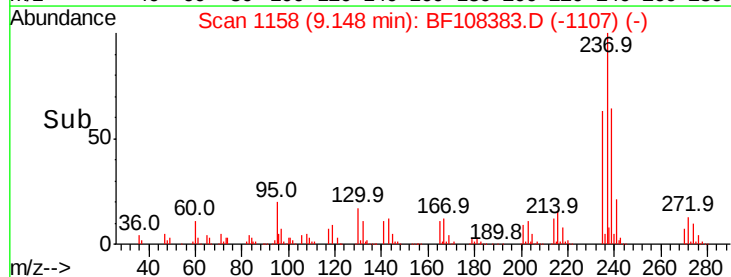
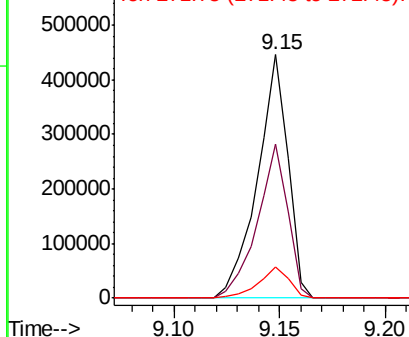


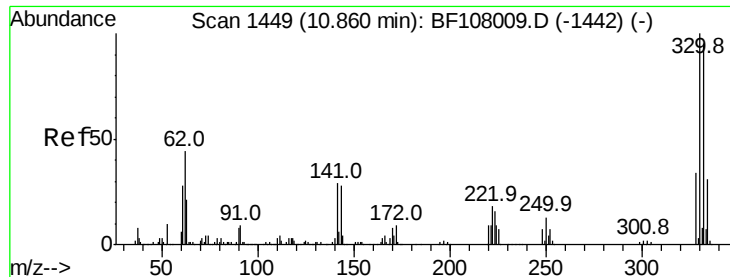
#40
 Hexachlorocyclopentadiene
 Concen: 68.426 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		448852		
235	63.4	44.8	84.8		
272	12.8	0.0	33.3		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





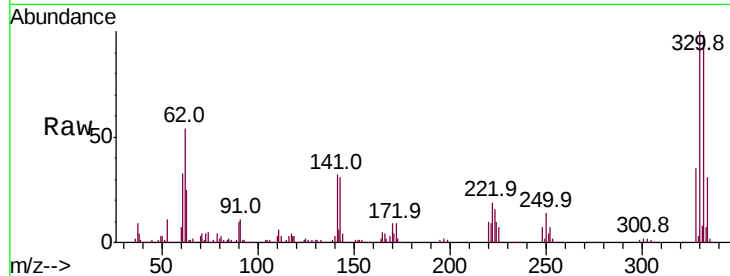
#41
 2,4,6-Tribromophenol
 Concen: 166.918 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

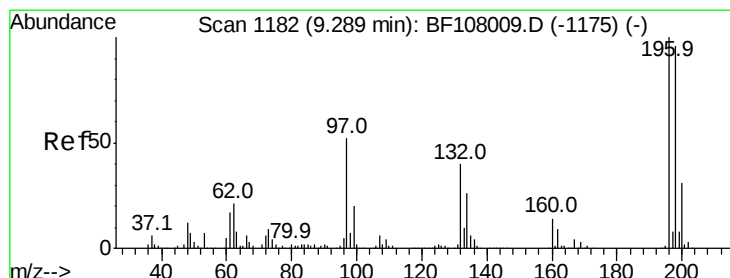
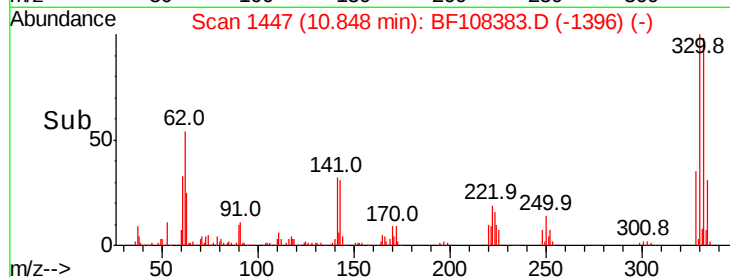
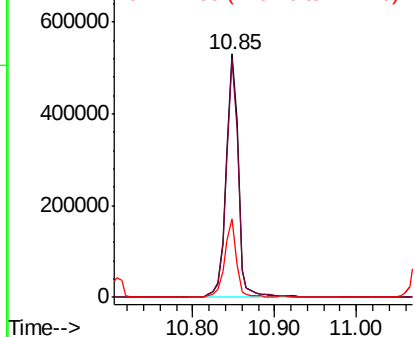
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	30.9	29.9	44.9	

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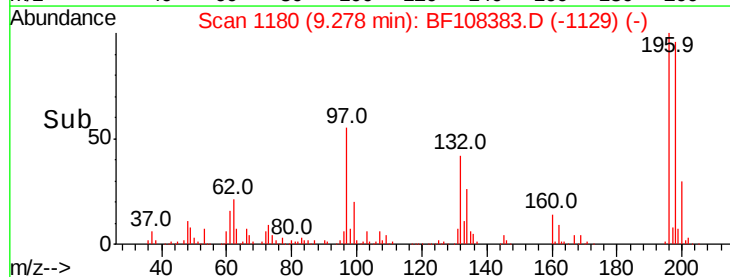
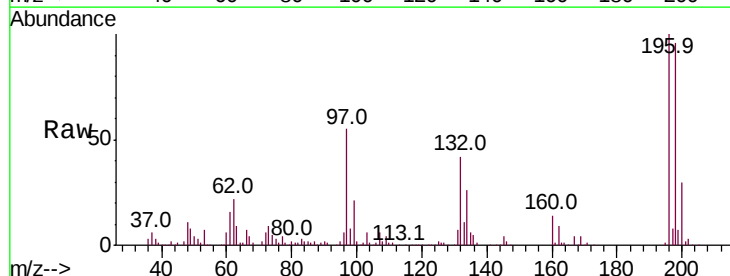
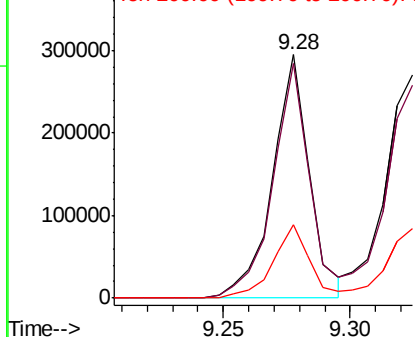
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.692 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.2	75.7	113.5	
200	30.0	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





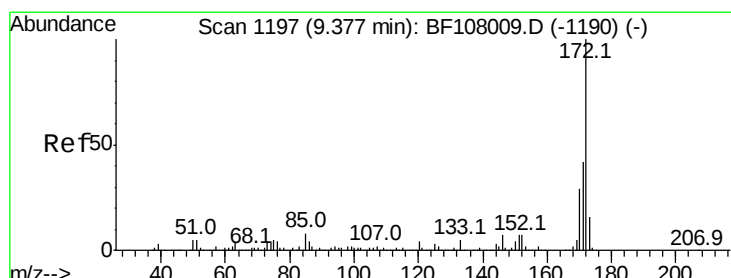
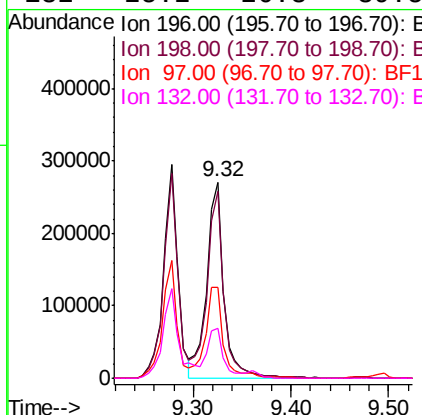
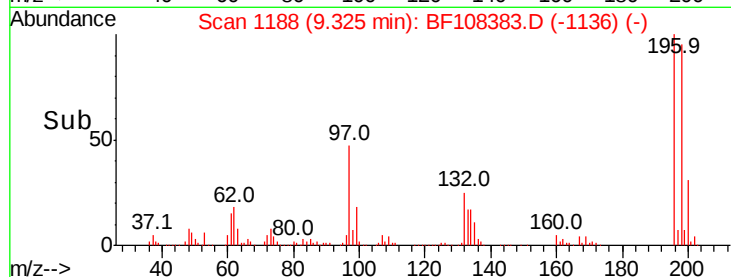
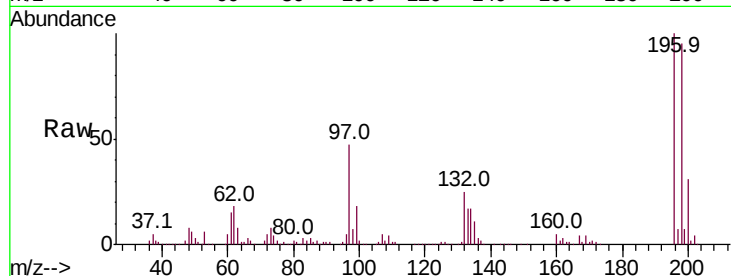
#43
 2,4,5-Trichlorophenol
 Concen: 47.591 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion:	196	Resp:	330164
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.6	112.0
97	46.6	42.9	64.3
132	25.2	26.3	39.5#

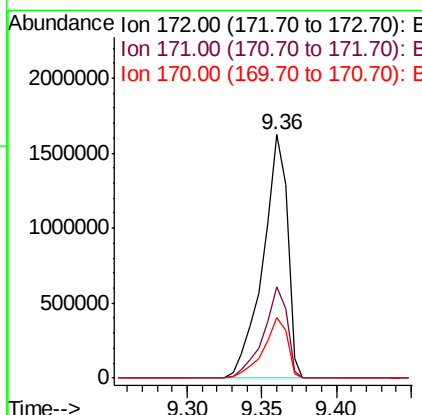
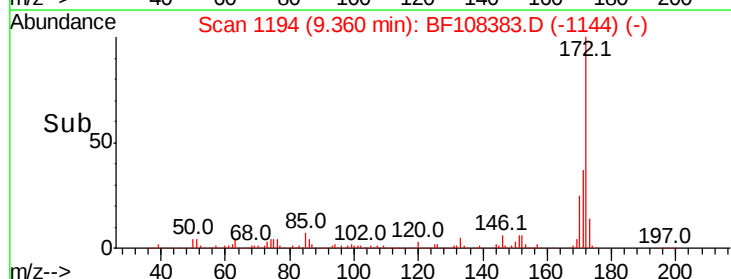
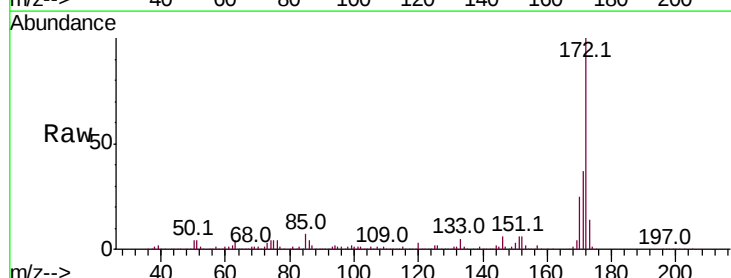
Manual Integrations
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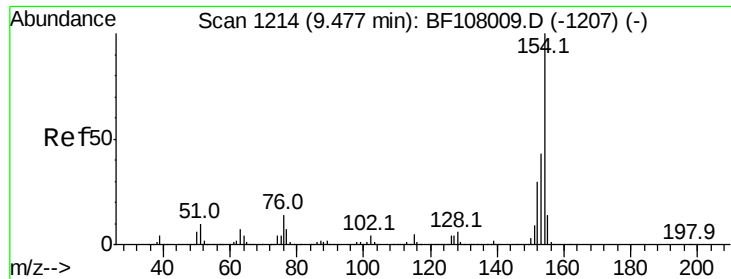
Sohil
 8/23/2018 3:43:06 PM



#44
 2-Fluorobiphenyl
 Concen: 88.870 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion:	172	Resp:	1830629
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.7	44.5
170	24.7	19.6	29.4





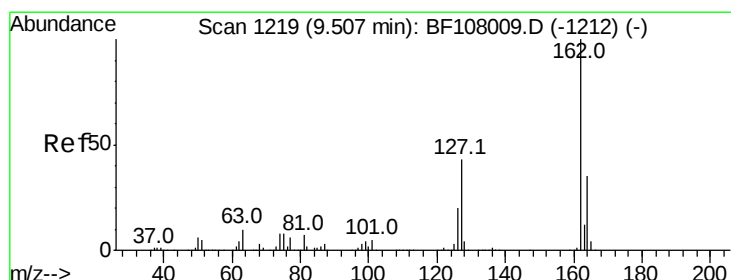
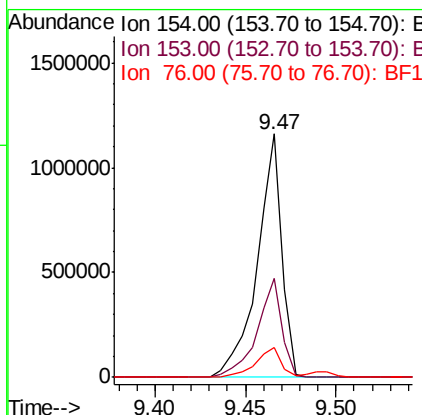
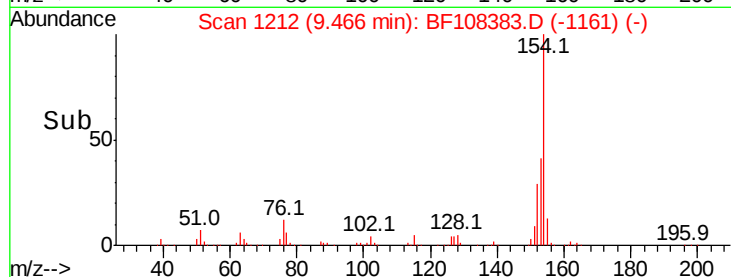
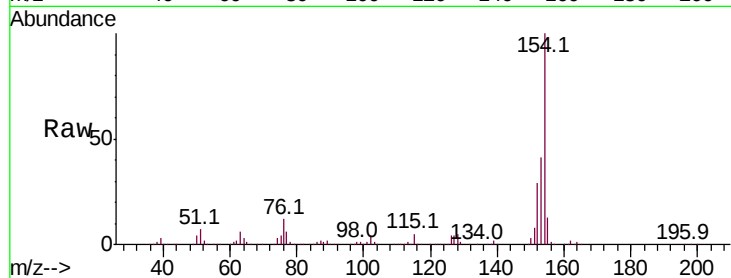
#45
 1,1'-Biphenyl
 Concen: 44.830 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.2	0.0	34.0

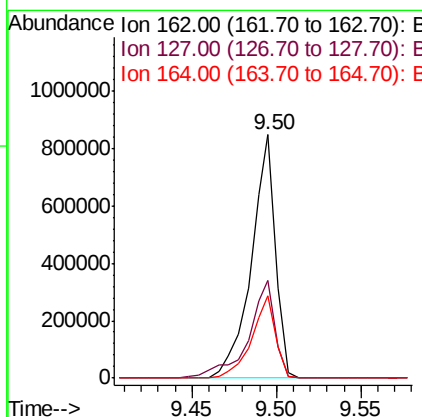
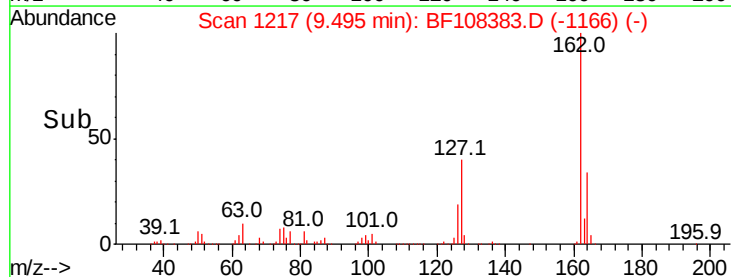
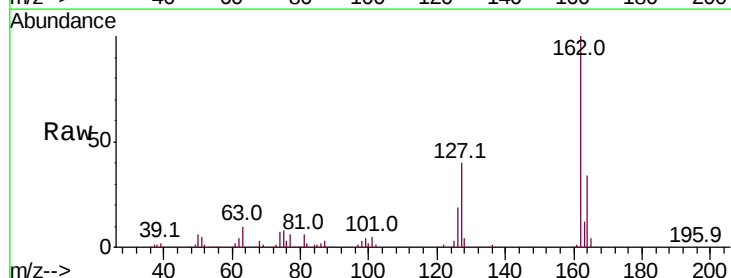
Manual Integrations
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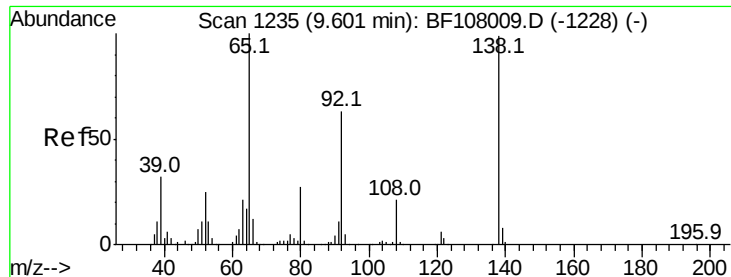
Sohil
 8/23/2018 3:43:06 PM



#46
 2-Chloronaphthalene
 Concen: 43.798 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	33.9	26.5	39.7





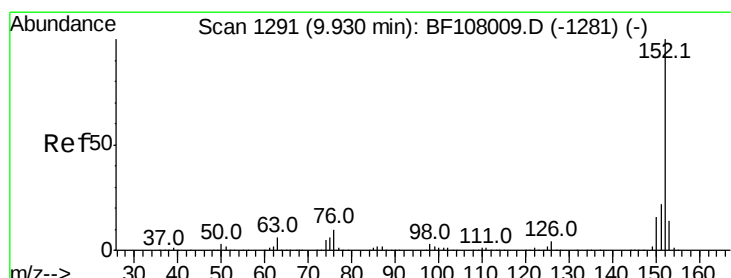
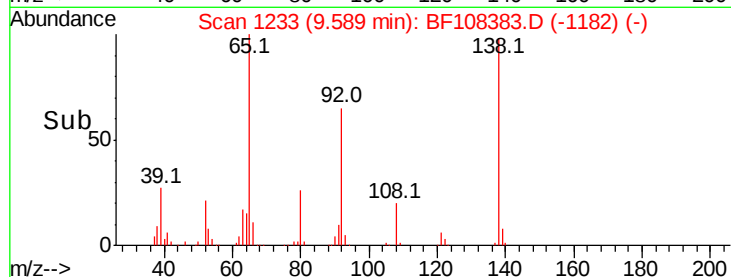
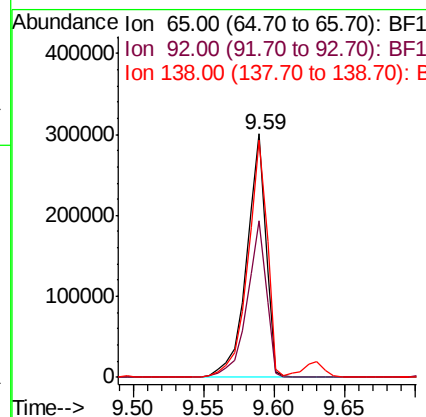
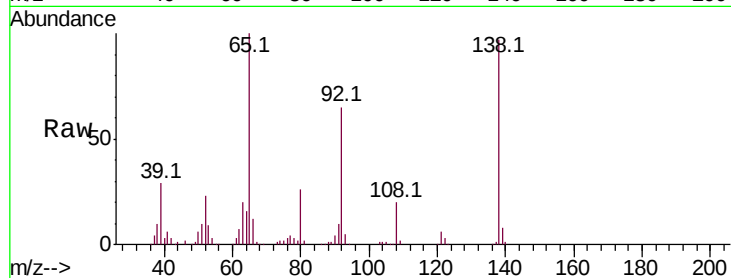
#47
2-Nitroaniline
Concen: 45.628 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	55.8	83.6
138	97.4	91.2	136.8

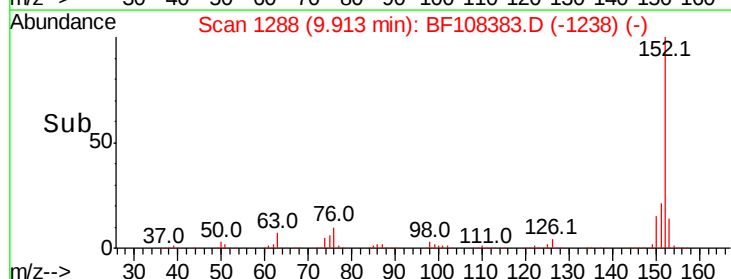
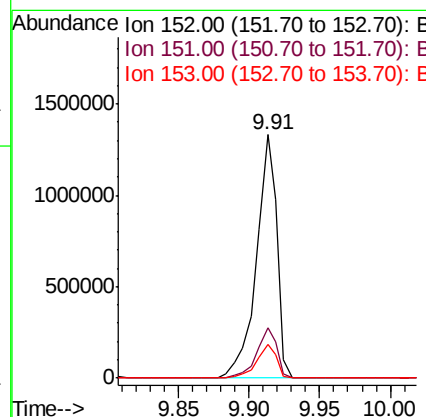
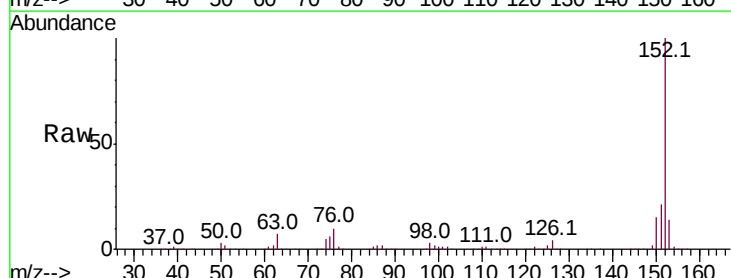
Manual Integrations
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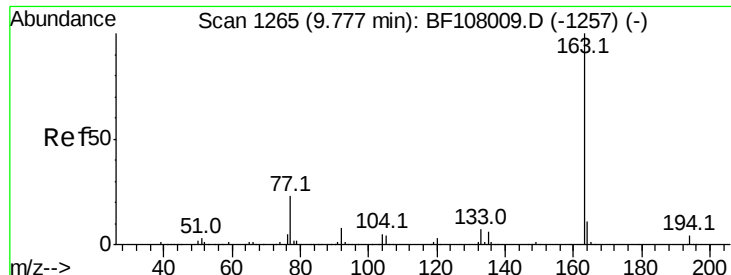
Sohil
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#48
Acenaphthylene
Concen: 44.551 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.0	10.7	16.1





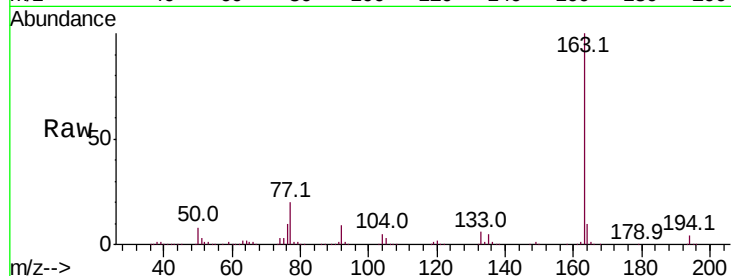
#49
Dimethylphthalate
Concen: 44.170 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

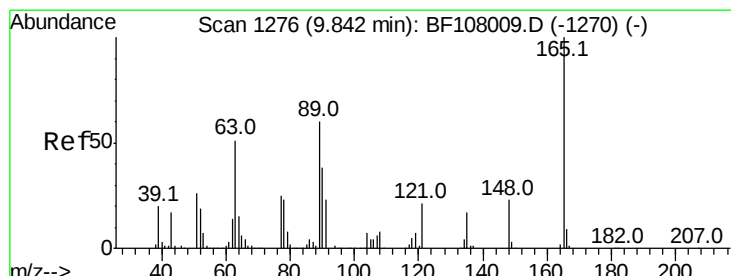
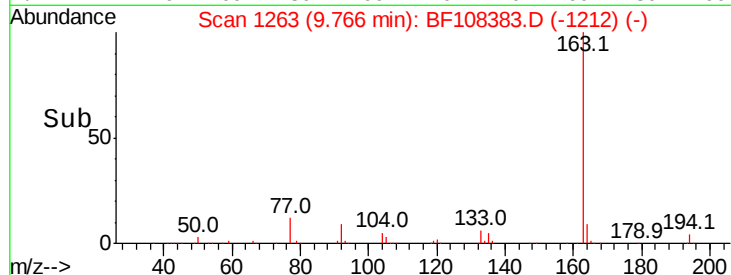
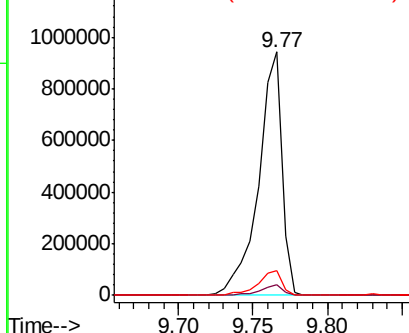
Tot Ion:163 Resp: 1017526
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.2 8.2 12.2

Manual Integrations
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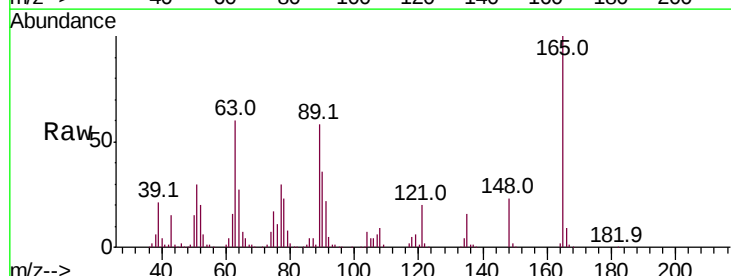


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

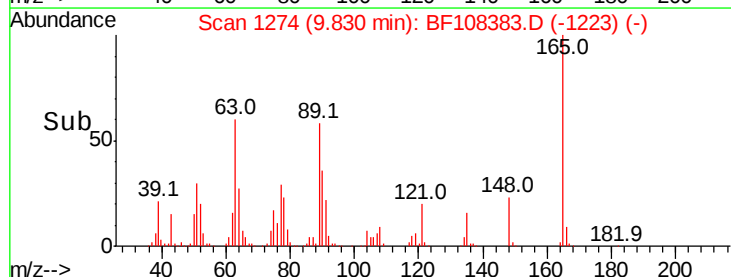
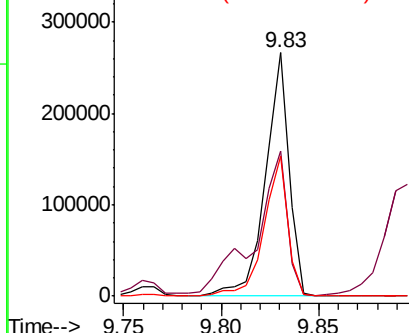


#50
2,6-Dinitrotoluene
Concen: 46.265 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion:165 Resp: 222982
Ion Ratio Lower Upper
165 100
63 59.6 44.7 67.1
89 57.5 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: 42.605 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

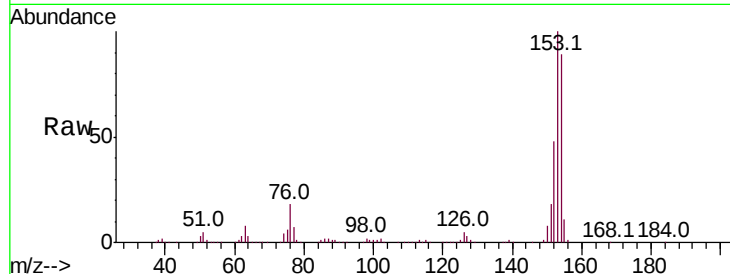
ClientSampled :

PB112238BS

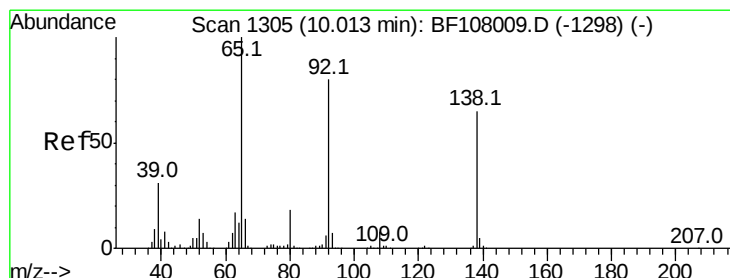
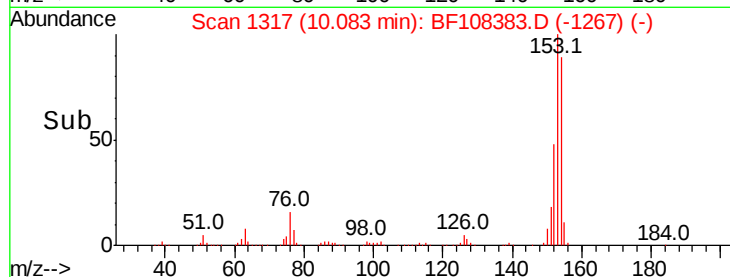
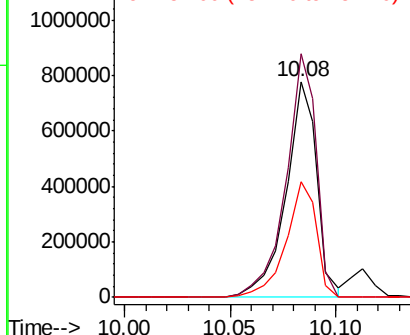
Tot Ion:	154	Resp:	795052
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.2	136.8
152	53.8	43.8	65.8

Manual Integrations
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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: 33.745 ng

RT: 10.00 min Scan# 1303

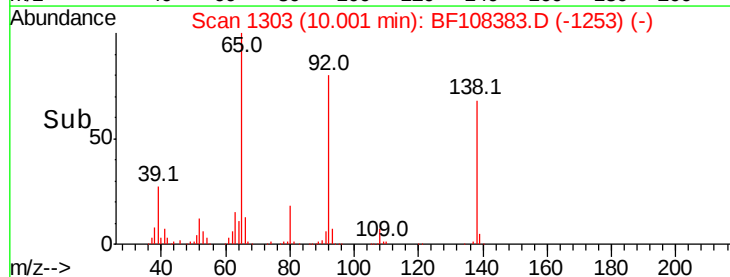
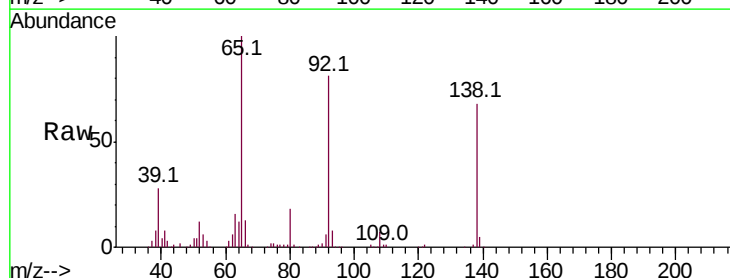
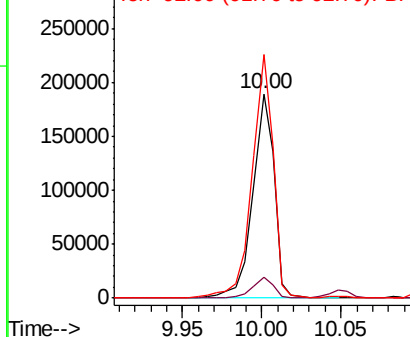
Delta R.T. -0.01 min

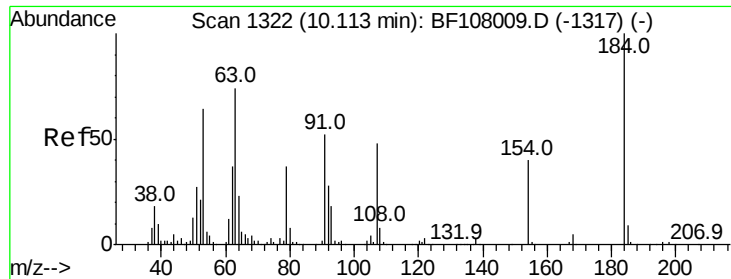
Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	138	Resp:	177952
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	119.3	89.4	134.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





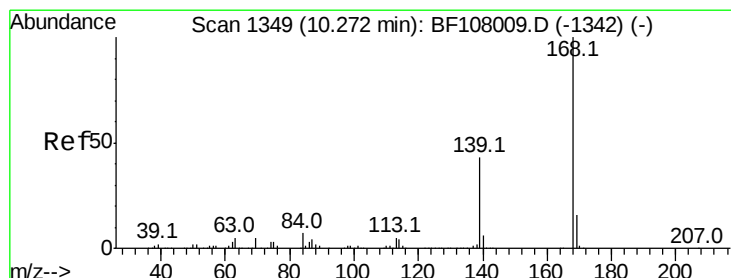
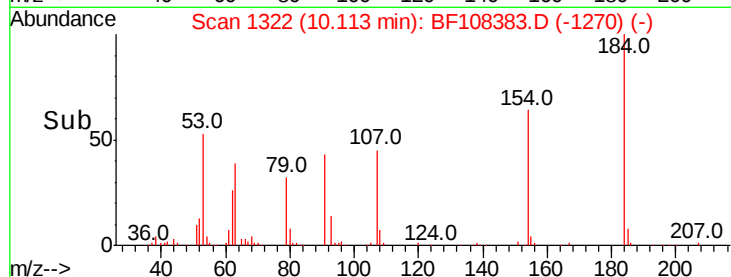
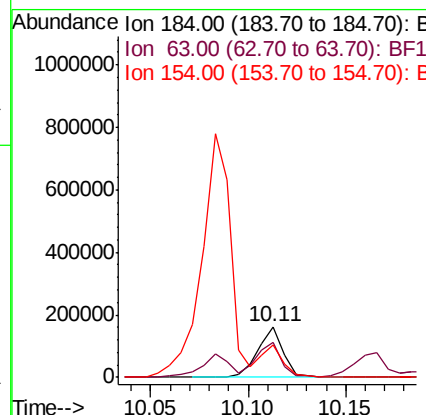
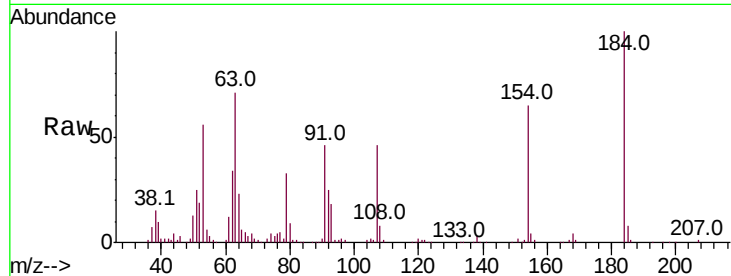
#53
2,4-Dinitrophenol
Concen: 81.908 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampled :
PB112238BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.7	54.2	81.2
154	64.6	184.0	276.0#

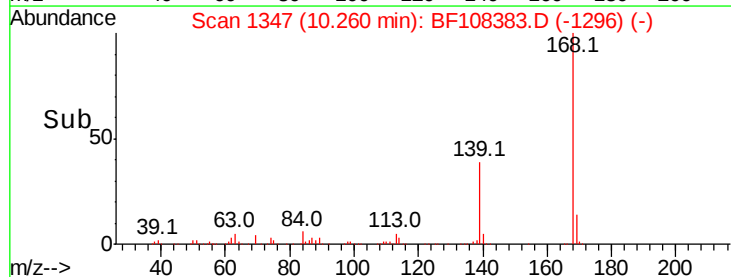
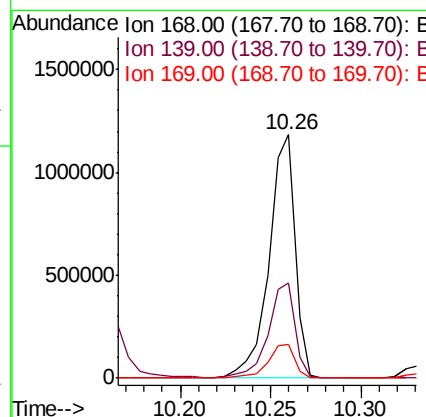
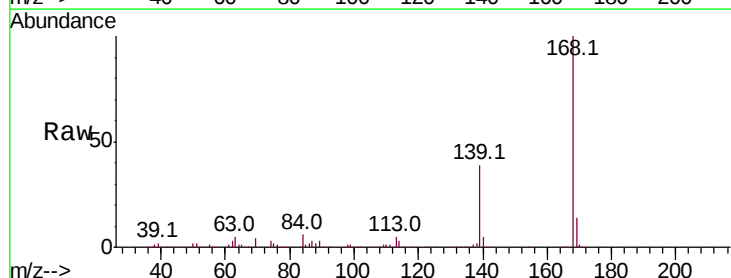
Manual Integrations
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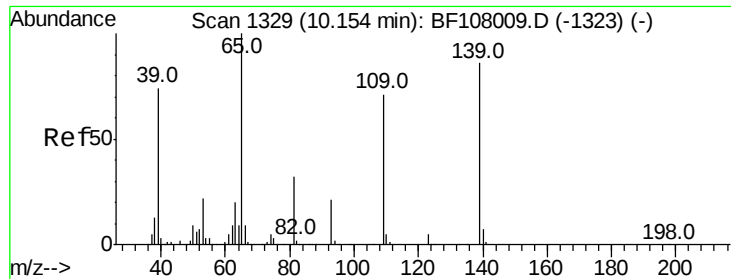
Sohil
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#54
Dibenzofuran
Concen: 43.759 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	14.0	10.9	16.3





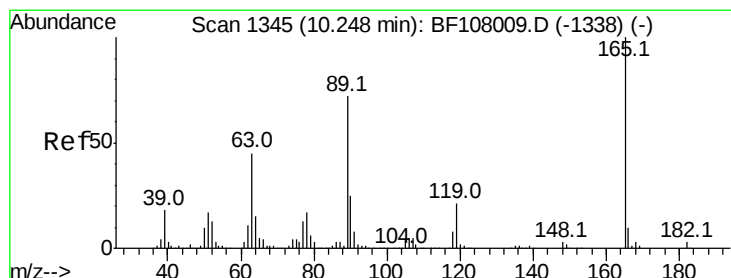
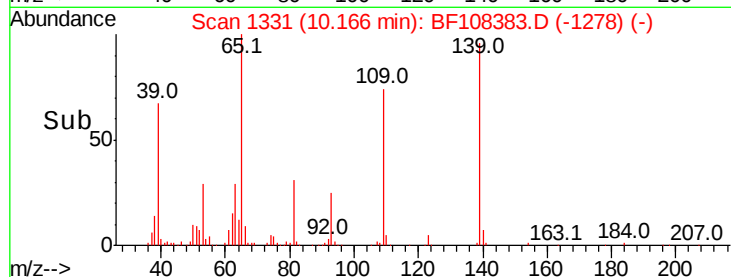
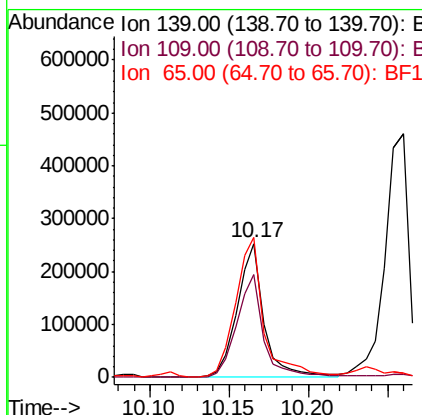
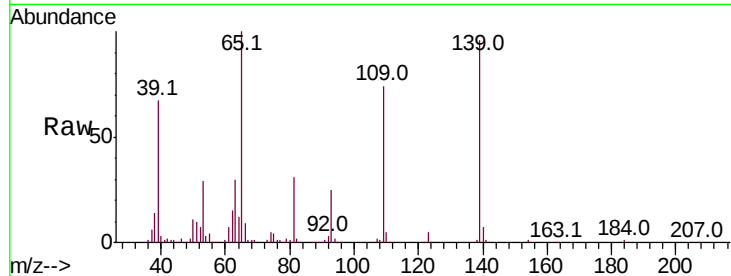
#55
4-Nitrophenol
Concen: 73.371 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	292989		
109	77.2	48.4	88.4	
65	104.4	72.6	112.6	

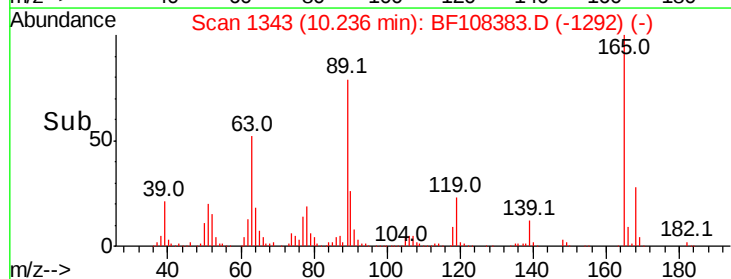
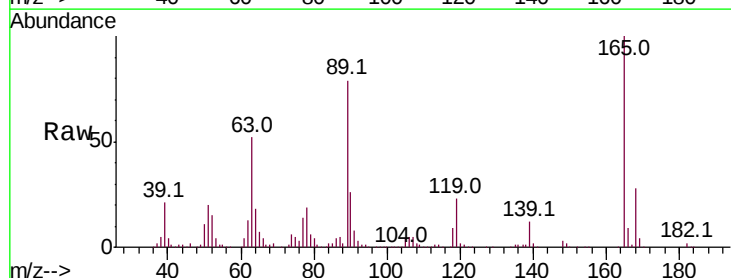
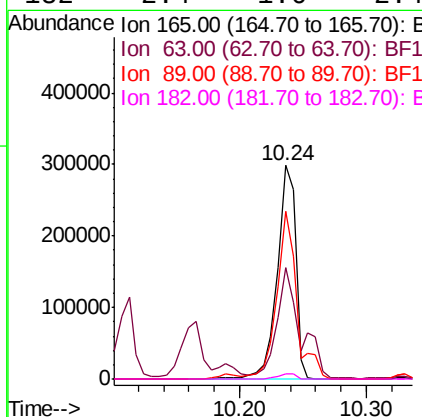
Manual Integrations
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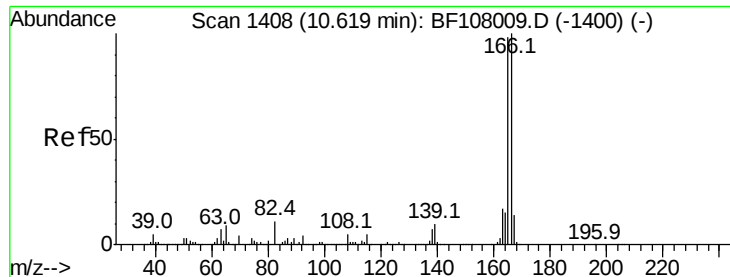
Sohil
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#56
2,4-Dinitrotoluene
Concen: 48.232 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	299227		
63	52.0	36.4	54.6	
89	78.7	57.8	86.6	
182	2.4	1.6	2.4	





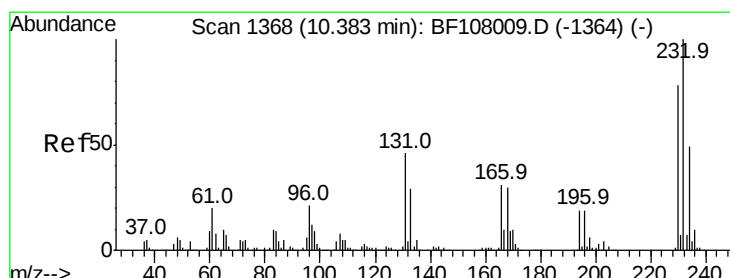
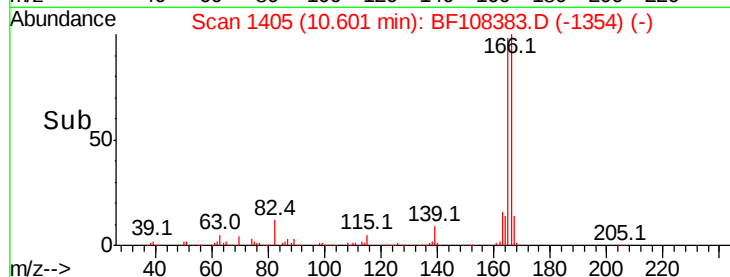
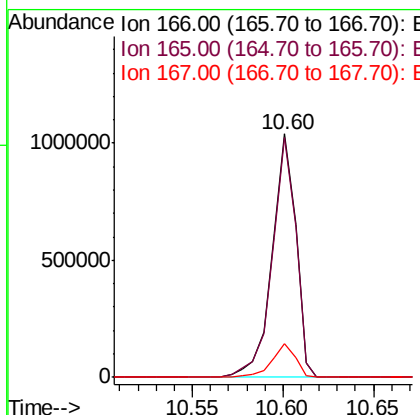
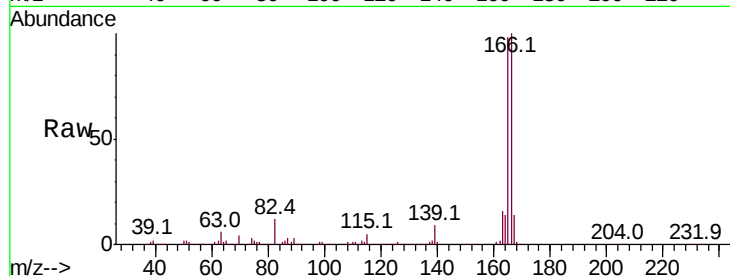
#57
 Fluorene
 Concen: 44.313 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.9	10.6	16.0

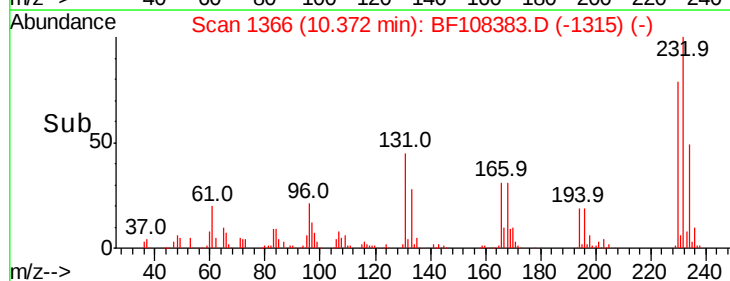
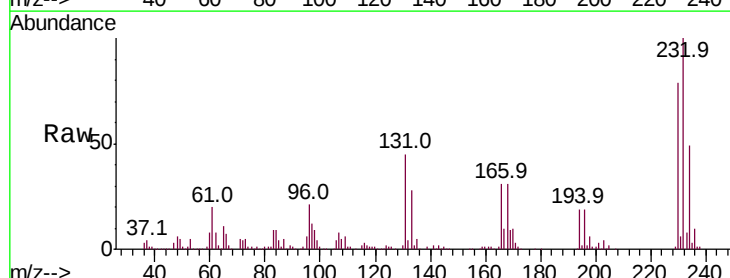
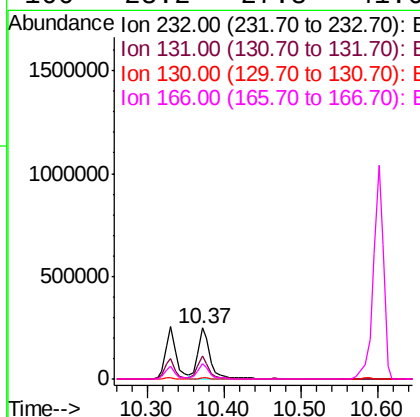
Manual Integrations
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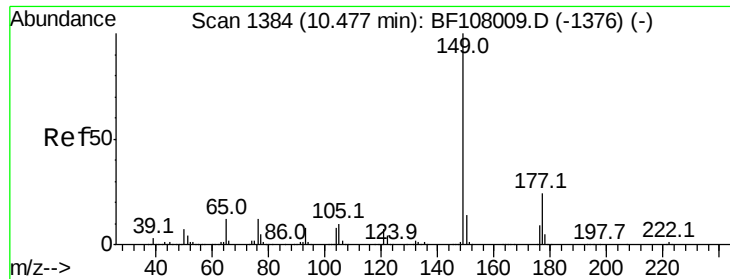
Sohil
 8/23/2018 3:43:06 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.570 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.7	43.8	65.8#
130	2.1	2.1	3.1
166	28.2	27.8	41.6





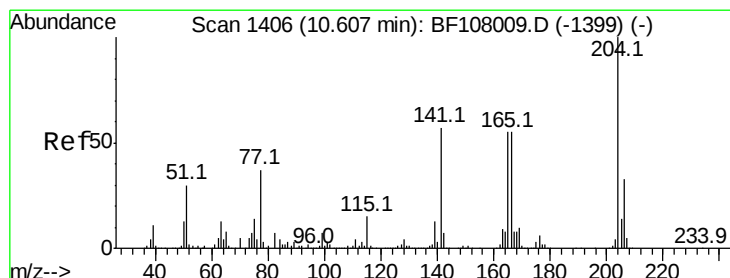
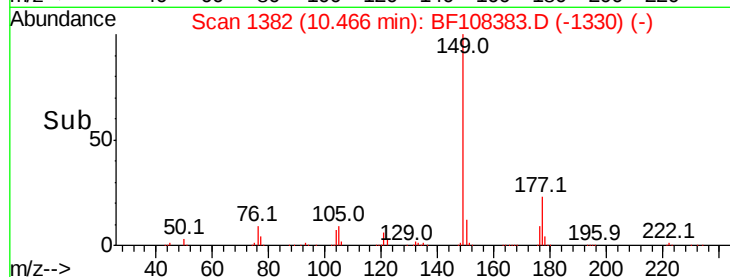
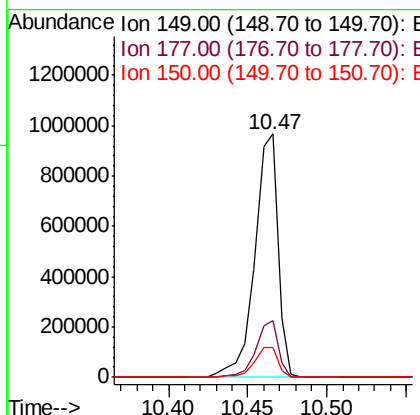
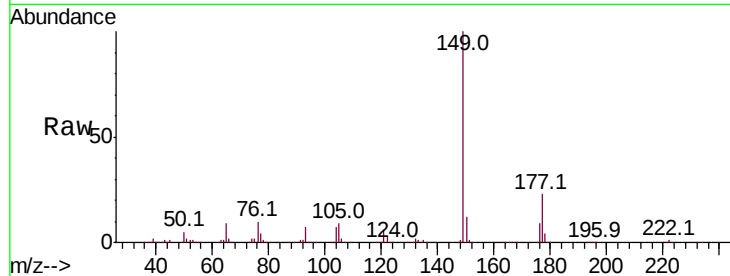
#59
Diethylphthalate
Concen: 44.632 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	995624		
177	23.5	16.1	24.1	
150	12.5	10.1	15.1	

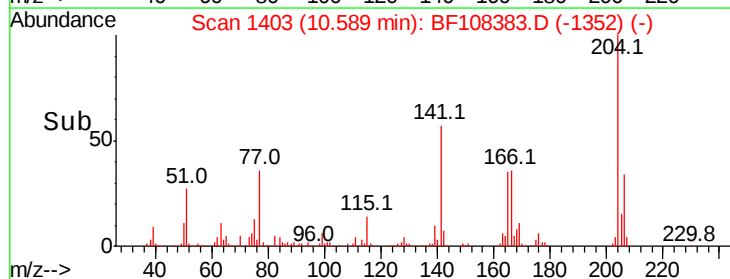
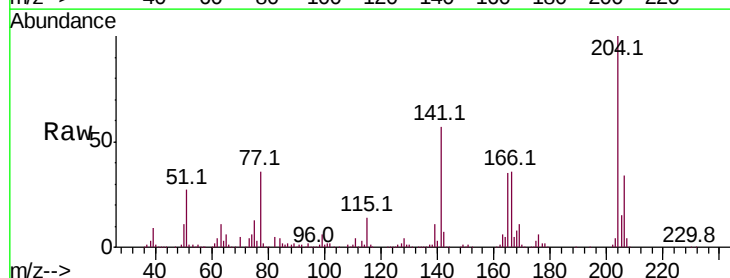
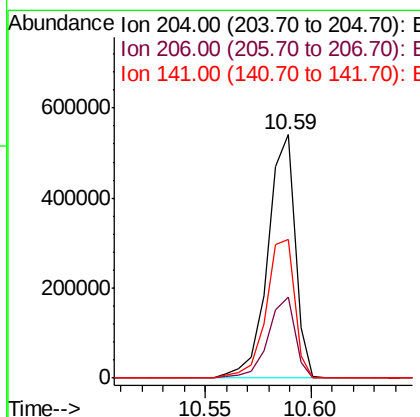
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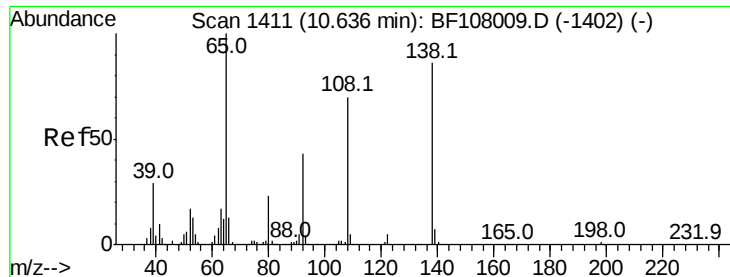
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.793 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	488372		
206	33.5	26.5	39.7	
141	57.1	54.6	81.8	





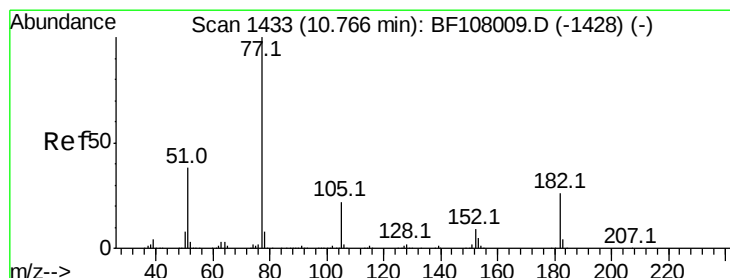
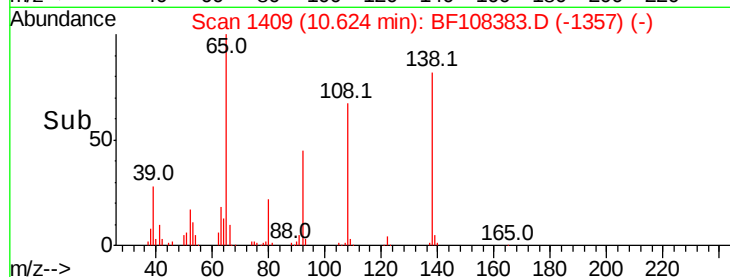
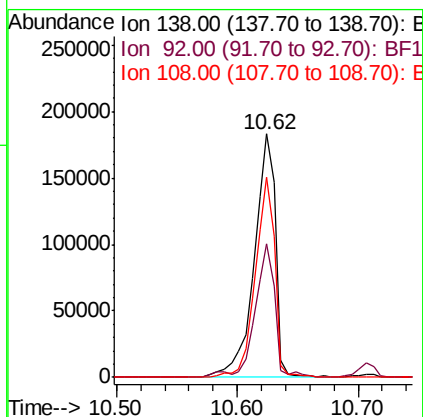
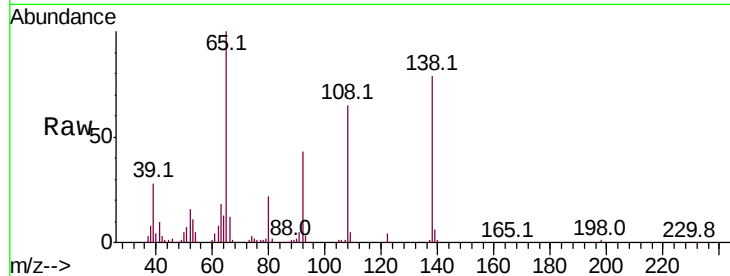
#61
4-Nitroaniline
Concen: 43.090 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	224655		
92	54.6	30.2	70.2	
108	82.4	52.5	92.5	

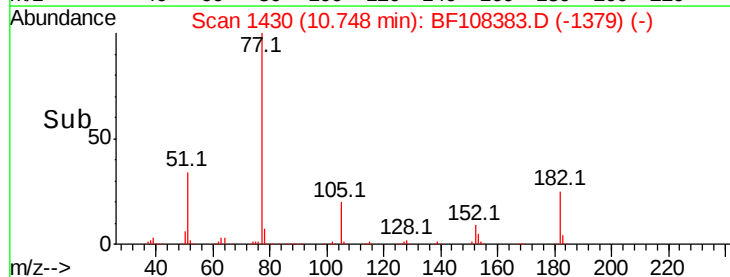
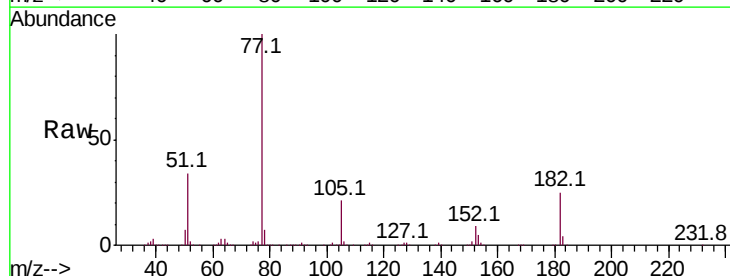
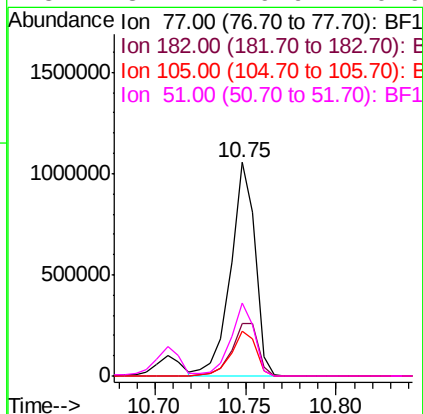
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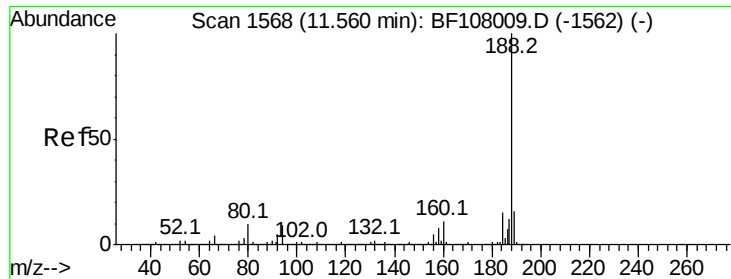
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#62
Azobenzene
Concen: 42.920 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	988763		
182	24.7	1.7	41.7	
105	21.1	3.0	43.0	
51	34.2	9.9	49.9	





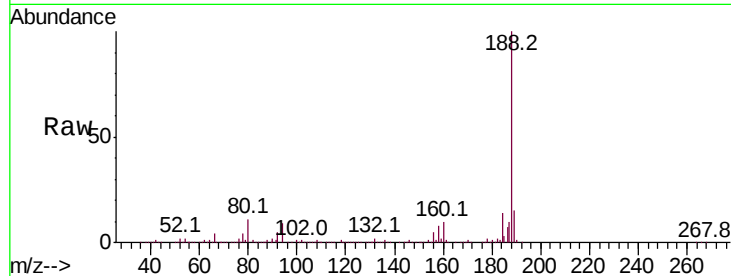
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

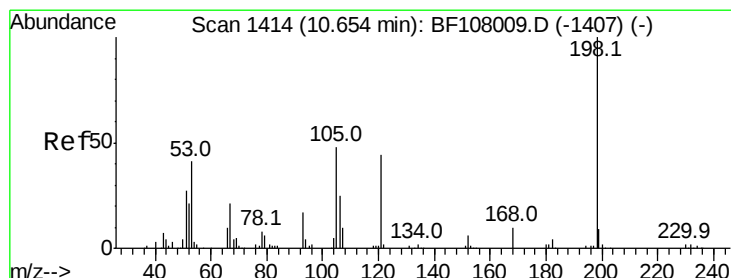
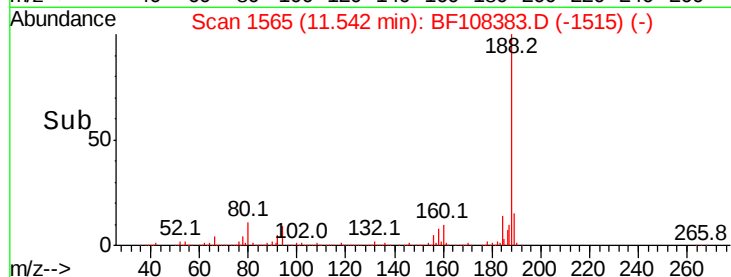
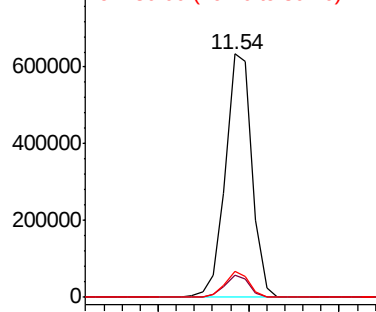
Tot Ion	Ratio	Resp	Lower	Upper
188	100	645440		
94	9.2		8.5	12.7
80	10.7		9.2	13.8

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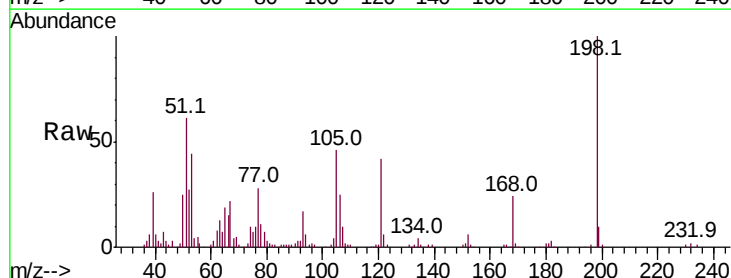


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

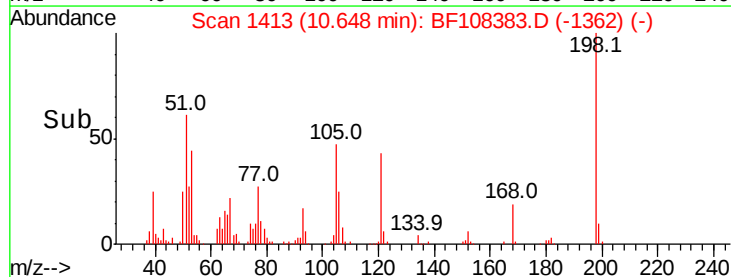
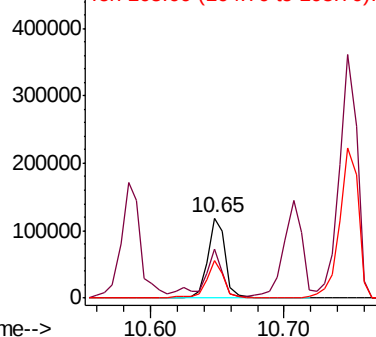


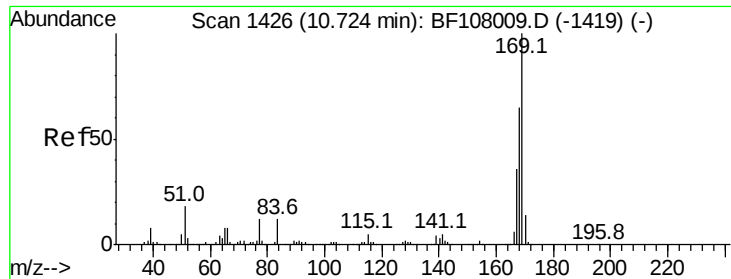
#64
4,6-Dinitro-2-methylphenol
Concen: 45.556 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	109649		
51	60.9		37.7	77.7
105	46.4		36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





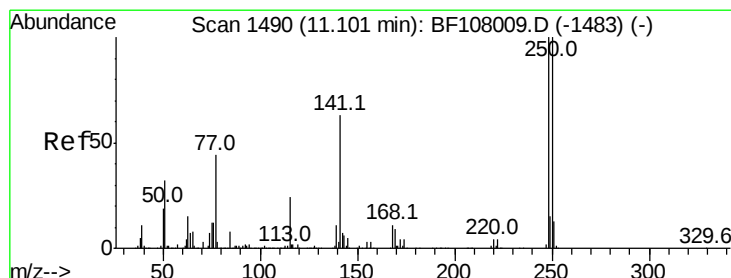
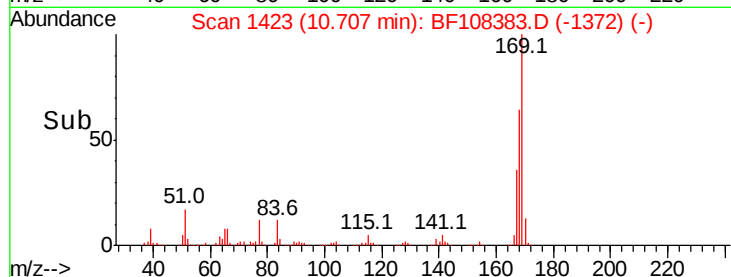
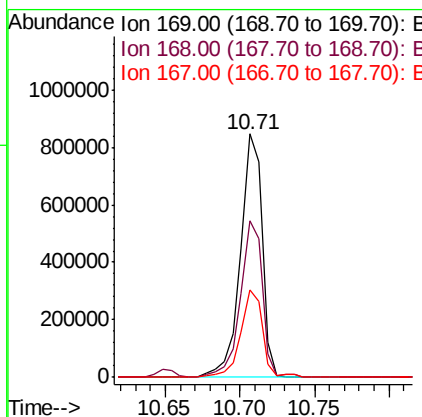
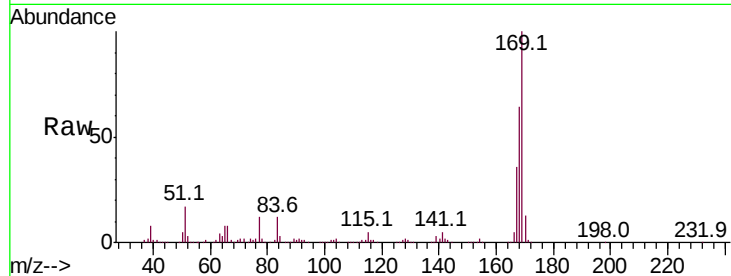
#65
n-Nitrosodiphenylamine
Concen: 44.950 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	857353		
168	64.3		54.4	81.6
167	35.8		29.8	44.6

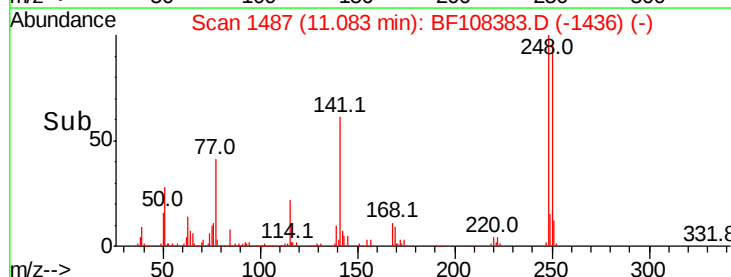
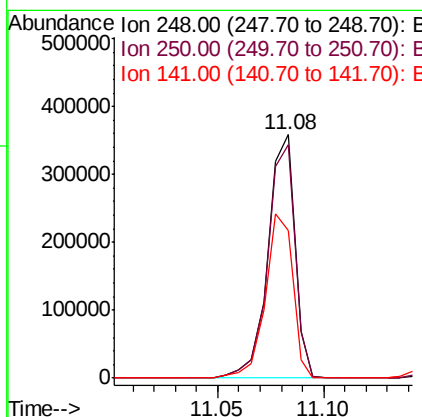
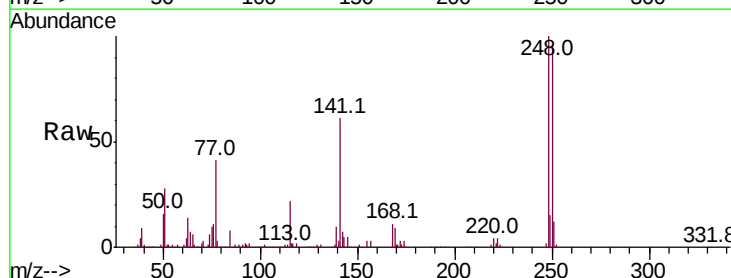
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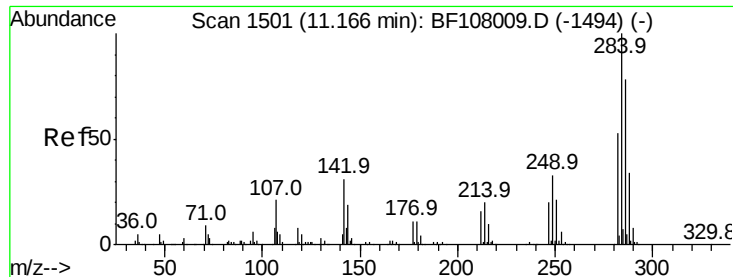
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#66
4-Bromophenyl-phenylether
Concen: 45.494 ng
RT: 11.08 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	319105		
250	96.0		76.9	115.3
141	60.9		74.4	111.6#





#67

Hexachlorobenzene

Concen: 44.607 ng

RT: 11.15 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

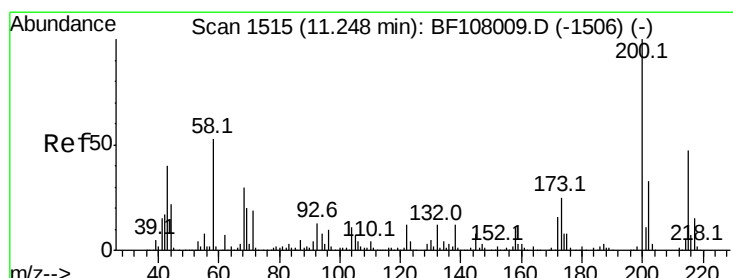
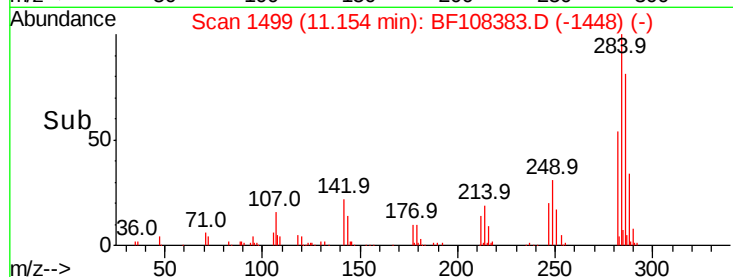
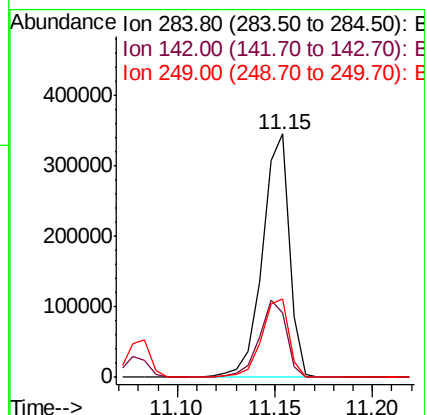
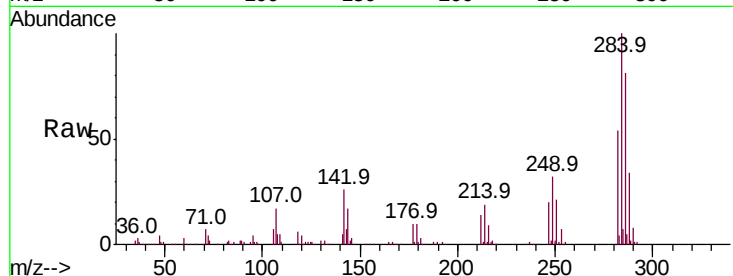
ClientSampleId :

PB112238BS

Tot Ion:	284	Resp:	329202
Ion Ratio	Lower	Upper	
284	100		
142	26.3	34.6	52.0#
249	32.5	24.8	37.2

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#68

Atrazine

Concen: 45.063 ng

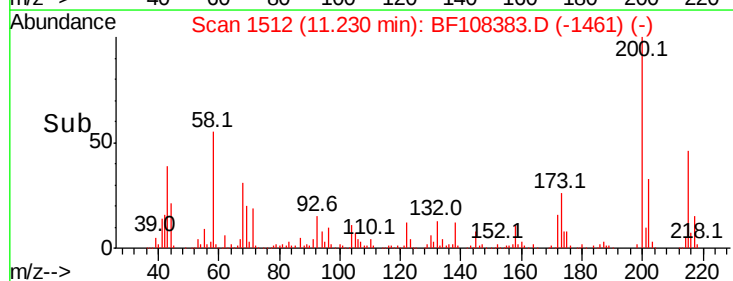
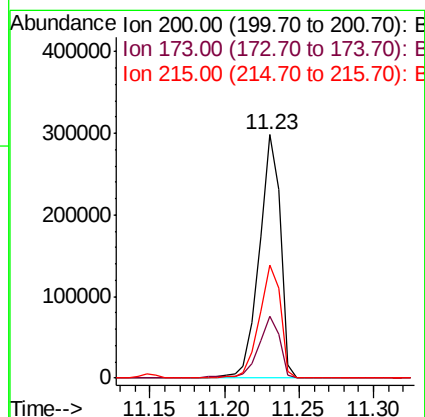
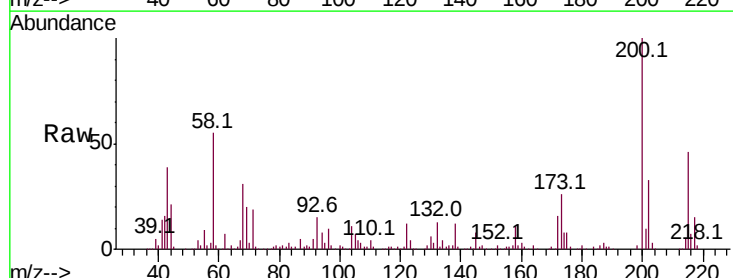
RT: 11.23 min Scan# 1512

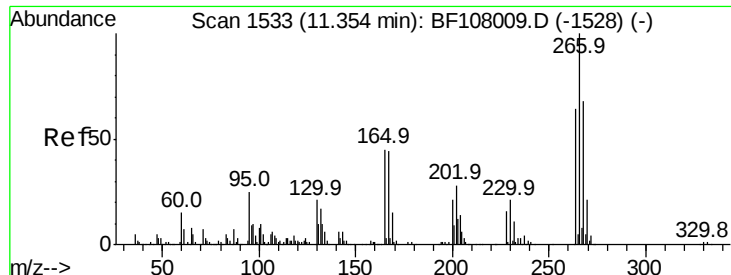
Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	200	Resp:	288280
Ion Ratio	Lower	Upper	
200	100		
173	25.6	8.6	48.6
215	46.5	25.1	65.1





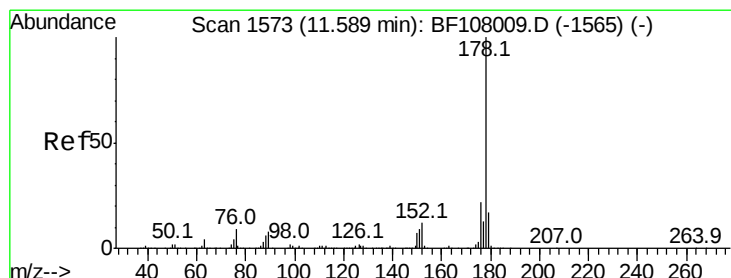
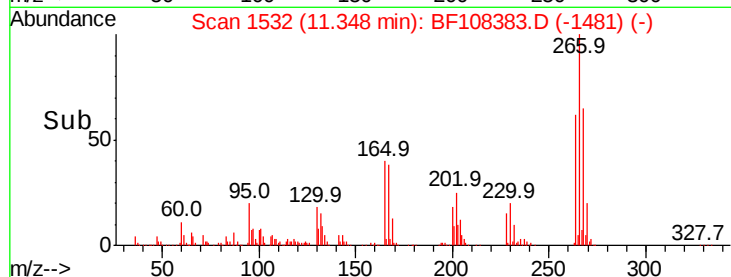
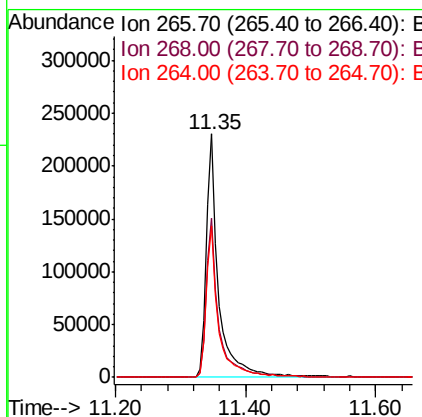
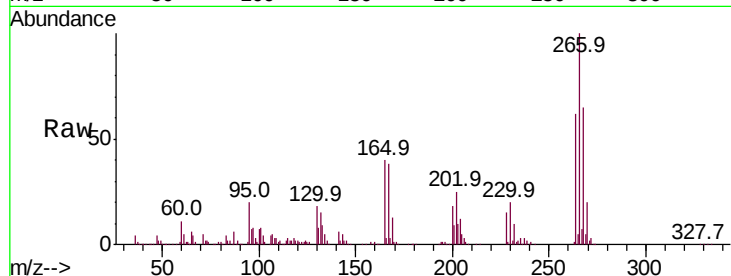
#69
 Pentachlorophenol
 Concen: 86.231 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	304602		
268	65.1	51.1	76.7	
264	62.0	49.5	74.3	

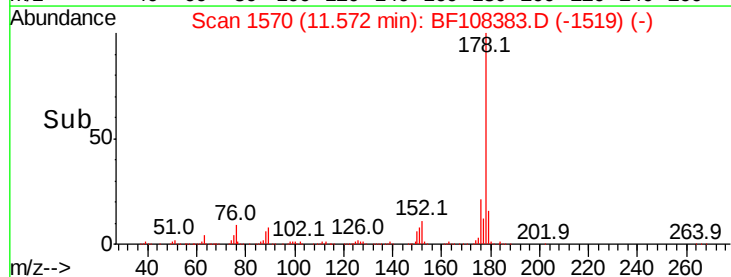
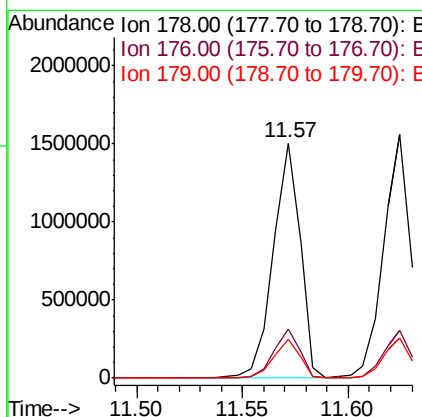
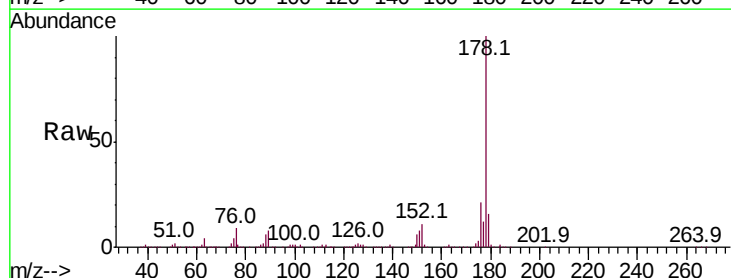
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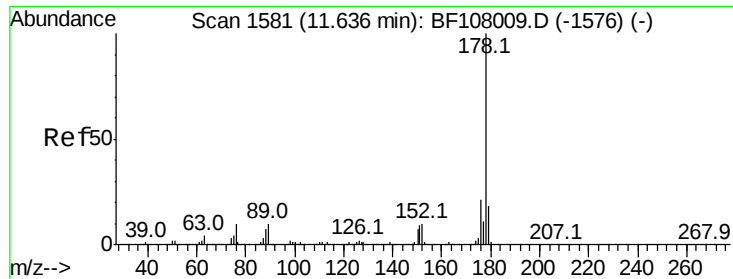
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#70
 Phenanthrene
 Concen: 44.233 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1346595		
176	20.6	15.8	23.8	
179	16.3	13.0	19.6	





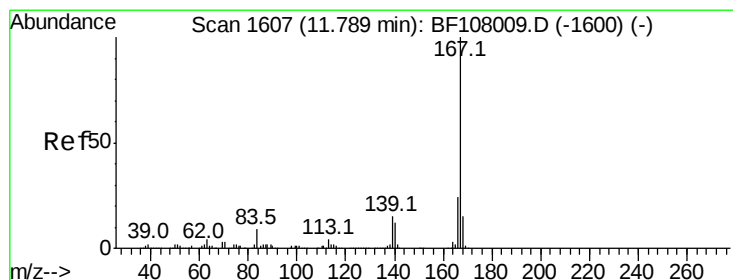
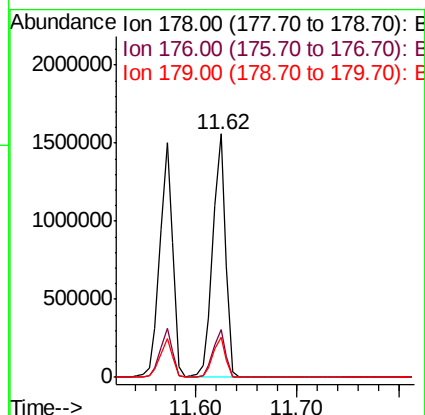
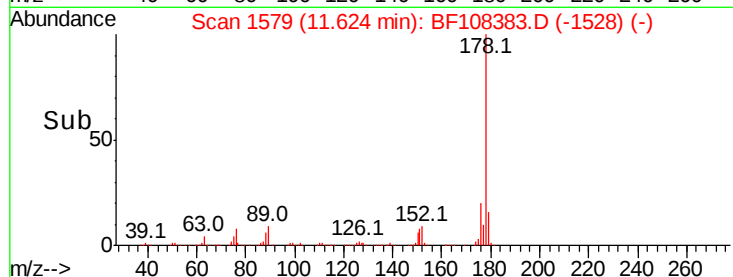
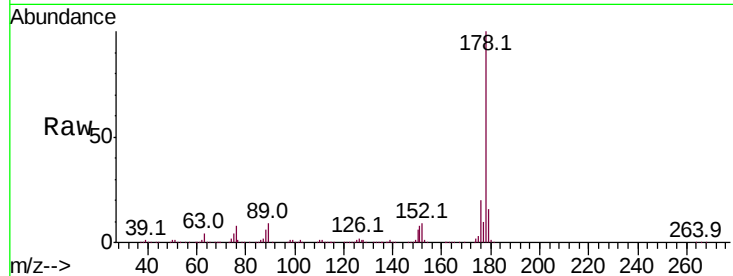
#71
 Anthracene
 Concen: 44.130 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.4	12.6	19.0

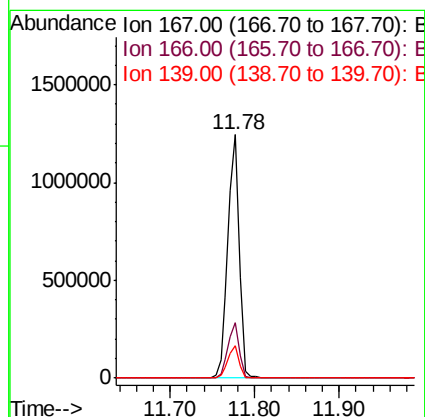
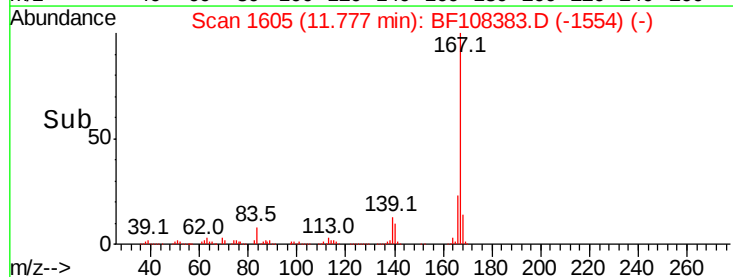
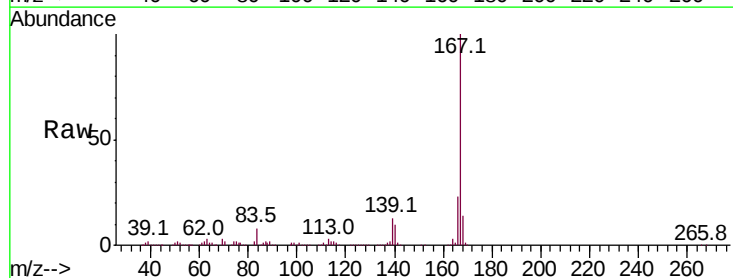
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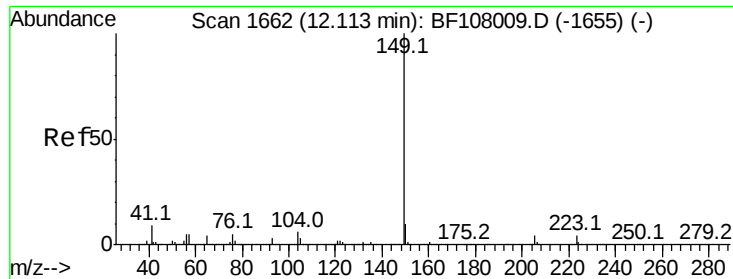
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#72
 Carbazole
 Concen: 42.237 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.3	10.9	16.3





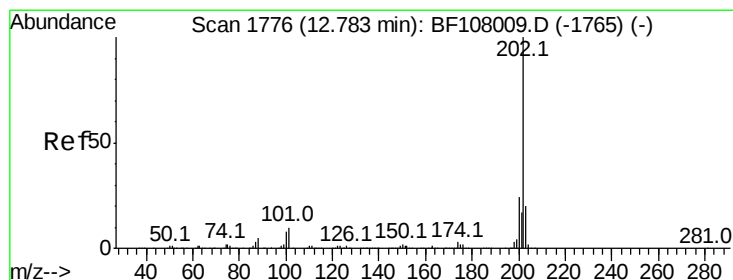
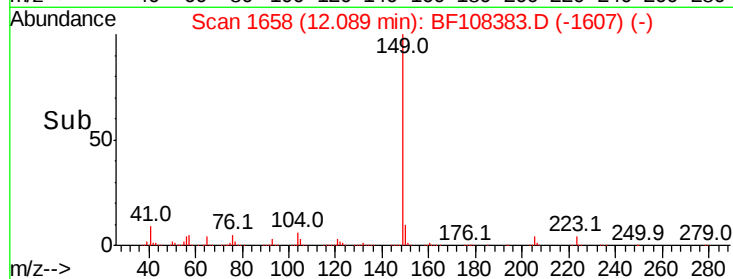
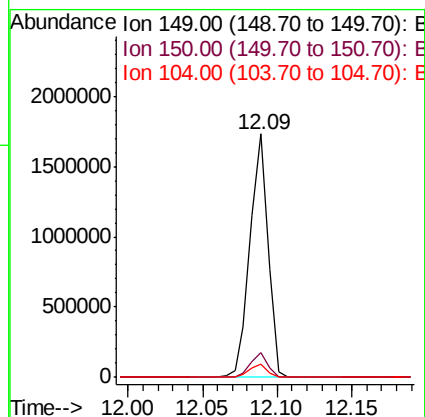
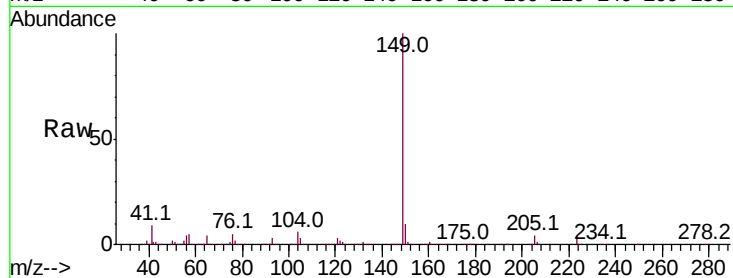
#73
Di-n-butylphthalate
Concen: 46.293 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.5	3.8	5.8

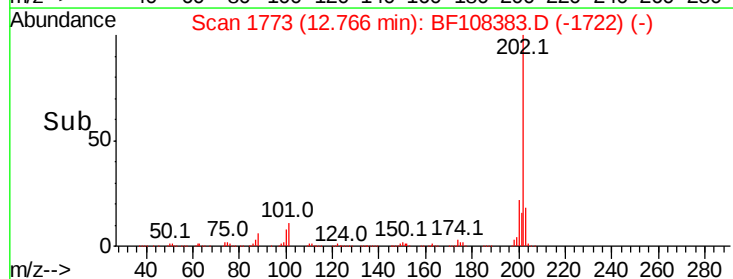
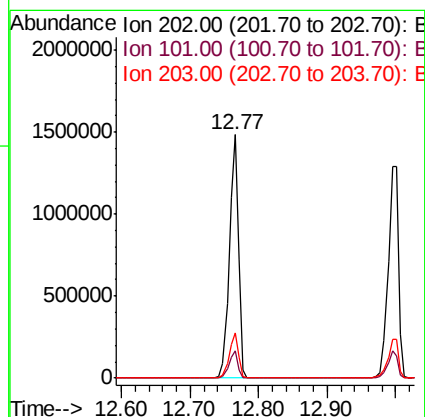
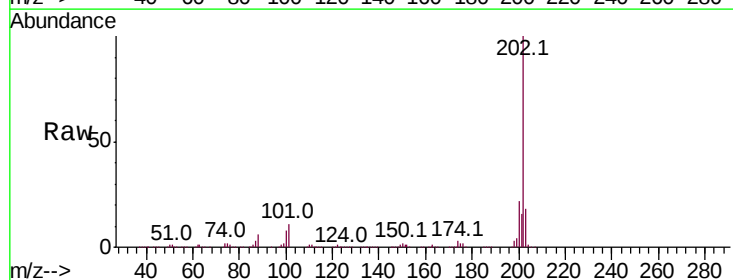
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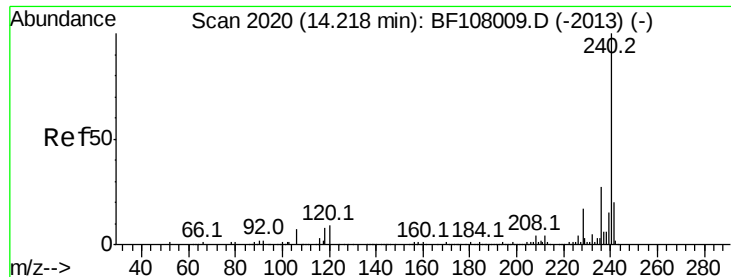
Sohil
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#74
Fluoranthene
Concen: 41.825 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	18.4	0.0	38.1





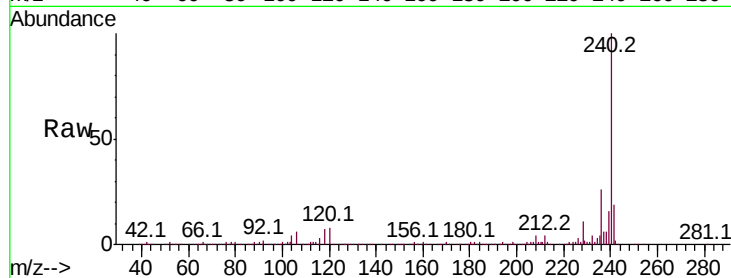
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

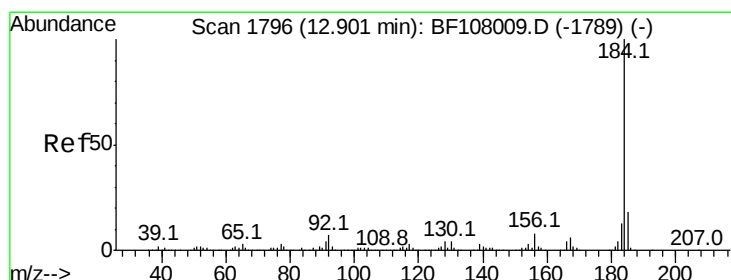
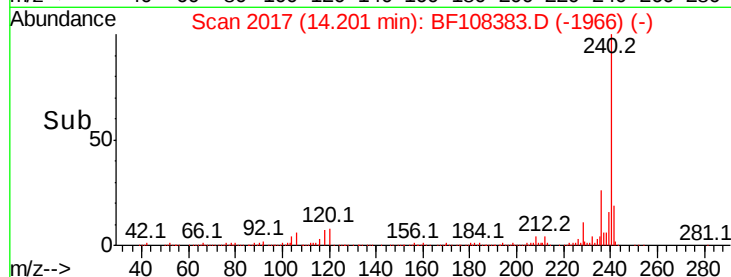
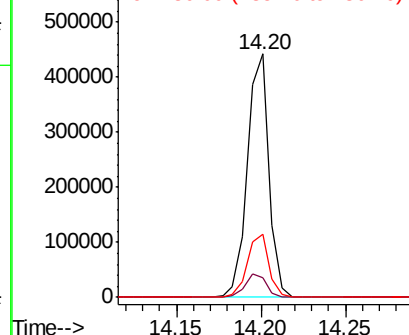
Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.3	9.5	14.3	
236	26.0	20.7	31.1	

Manual Integrations
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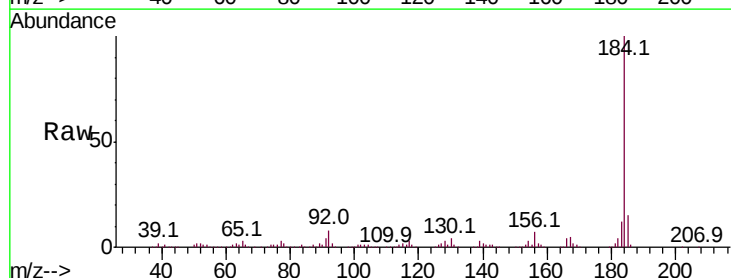


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

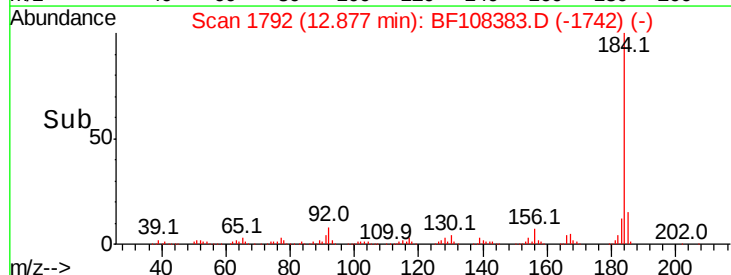
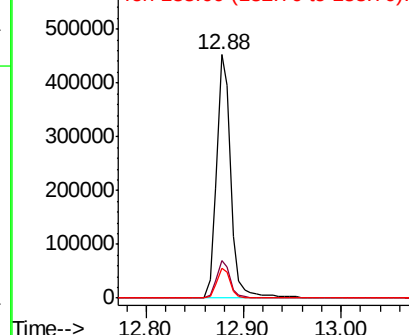


#76
Benzidine
Concen: 31.330 ng
RT: 12.88 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.2	12.6	18.8	
183	12.1	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: 54.824 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

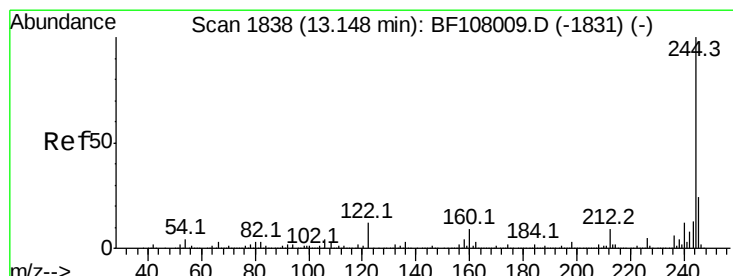
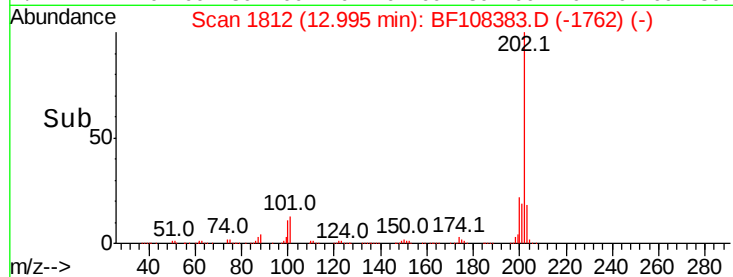
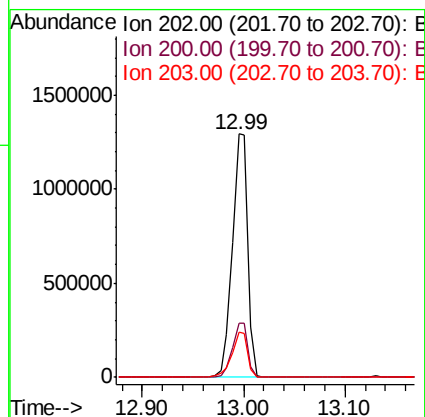
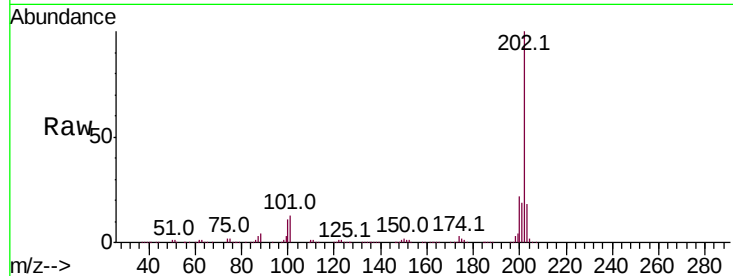
ClientSampleId :

PB112238BS

Tot Ion:202	Resp: 1364780		
Ion Ratio	Lower	Upper	
202 100			
200 22.4	17.4	26.2	
203 18.4	14.3	21.5	

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#78

Terphenyl-d14

Concen: 115.884 ng

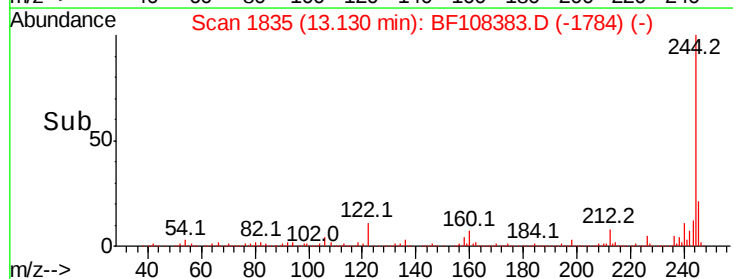
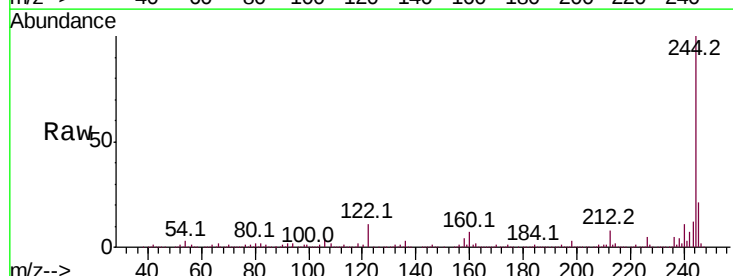
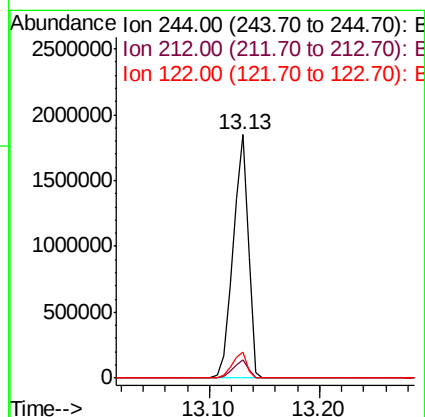
RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:244	Resp: 1792129		
Ion Ratio	Lower	Upper	
244 100			
212 7.7	5.4	8.0	
122 10.6	11.0	16.4	#





#79

Butylbenzylphthalate

Concen: 54.379 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Instrument :

BNA_F

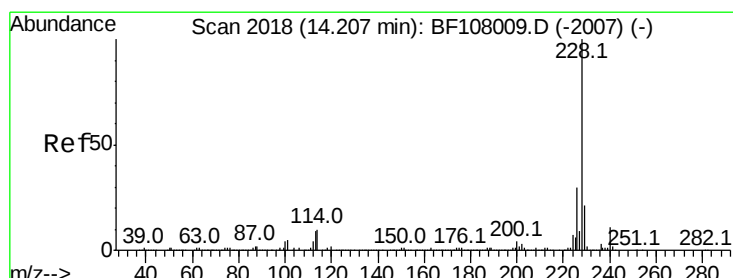
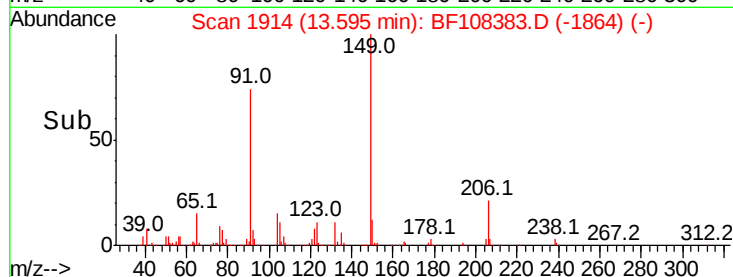
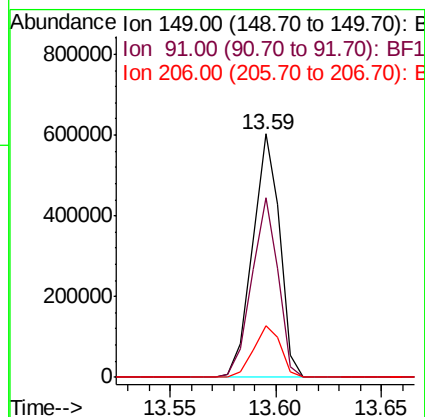
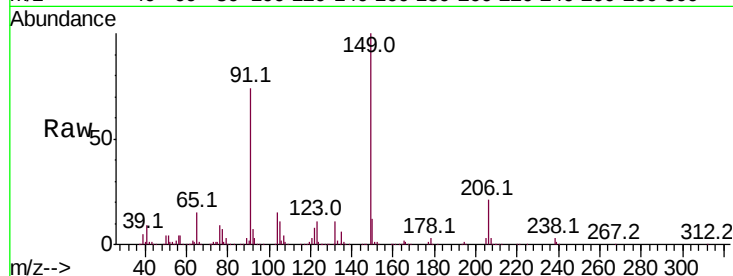
ClientSampleId :

PB112238BS

Tot Ion:	149	Resp:	537533
Ion Ratio	Lower	Upper	
149	100		
91	73.7	56.8	85.2
206	21.3	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 44.654 ng

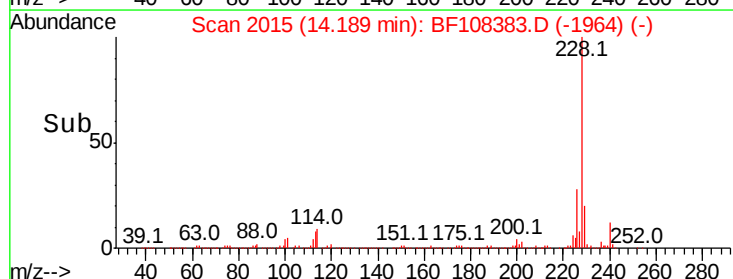
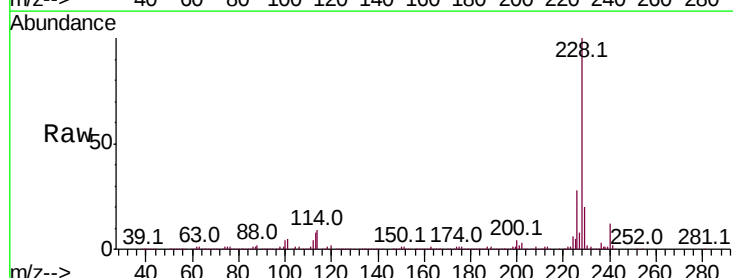
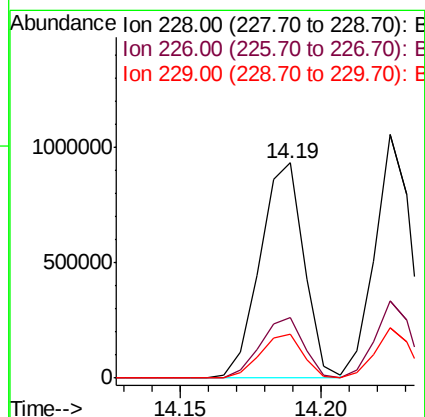
RT: 14.19 min Scan# 2015

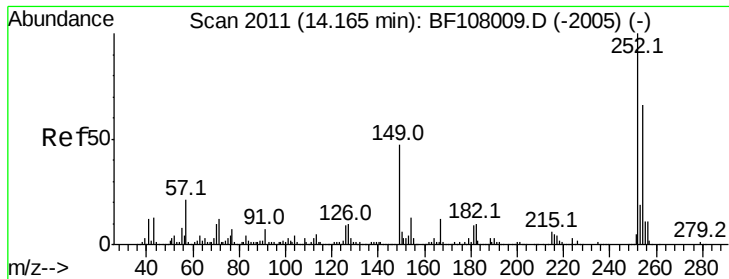
Delta R.T. -0.00 min

Lab File: BF108383.D

Acq: 22 Aug 2018 15:16

Tgt Ion:	228	Resp:	1007655
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.2	15.8	23.6





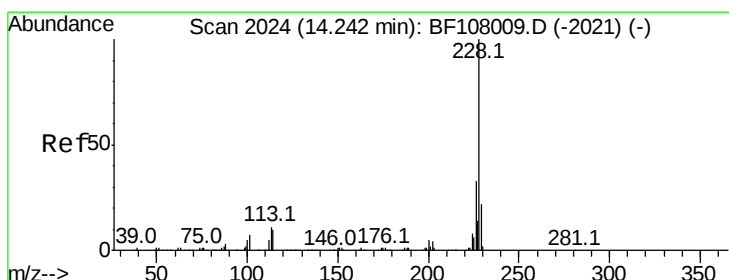
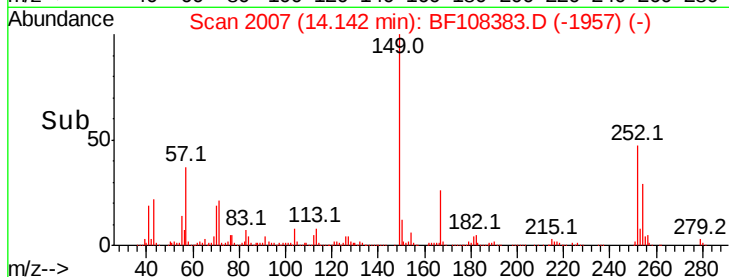
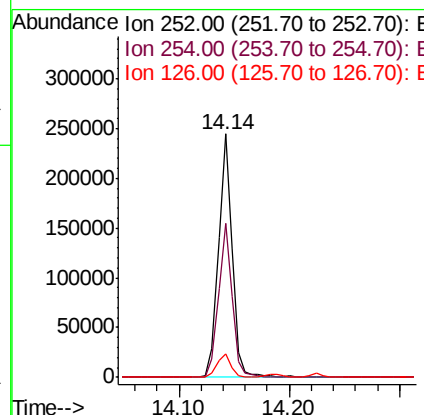
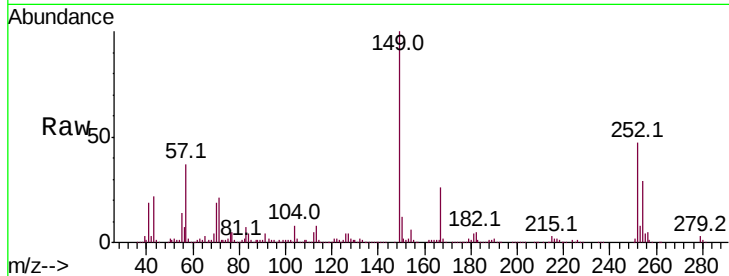
#81
 3,3'-Dichlorobenzidine
 Concen: 25.809 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	50.4	75.6
126	9.5	11.3	16.9

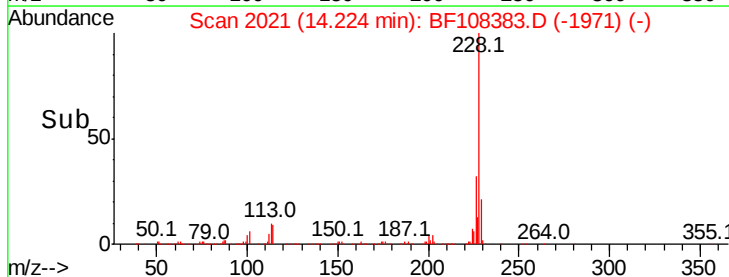
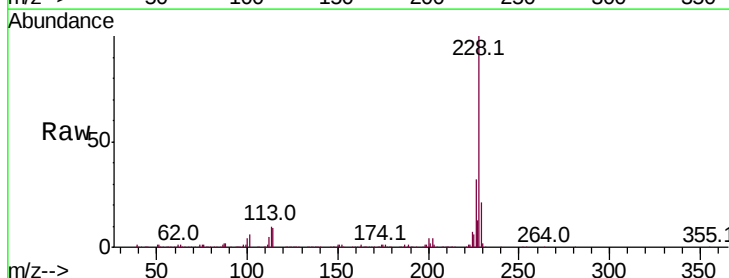
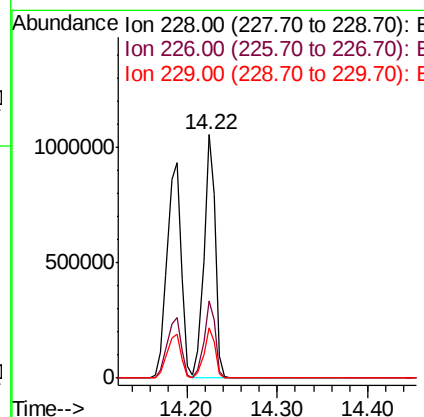
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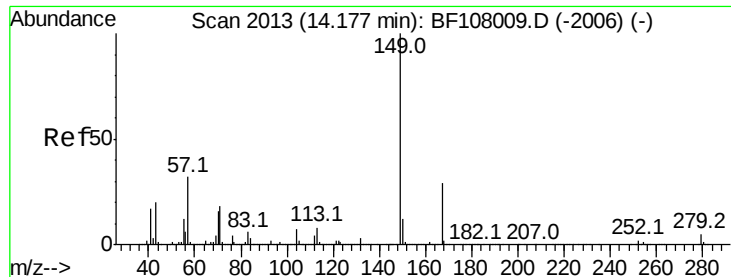
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#82
 Chrysene
 Concen: 44.296 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.8	16.2	24.4





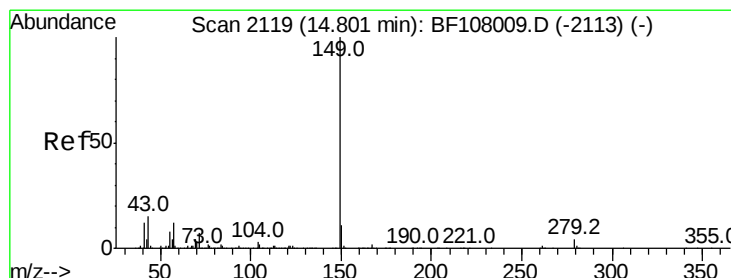
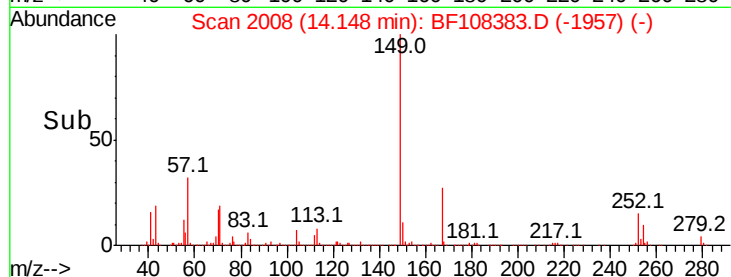
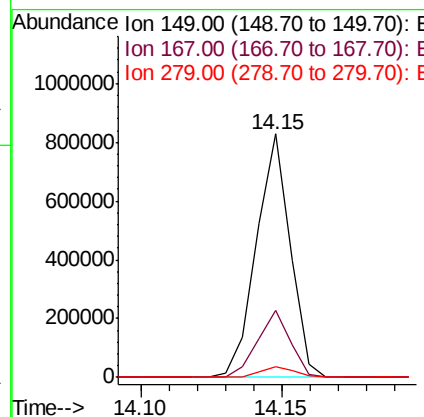
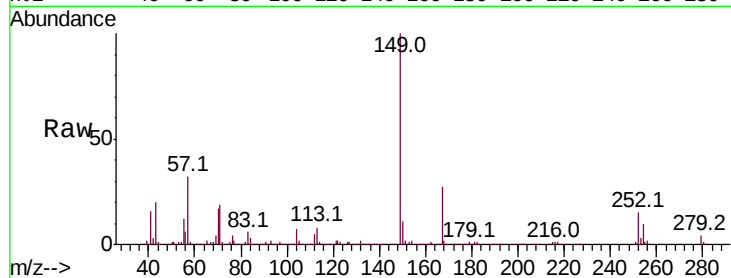
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.449 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	688705		
167	27.2		21.3	31.9
279	4.3		3.0	4.4

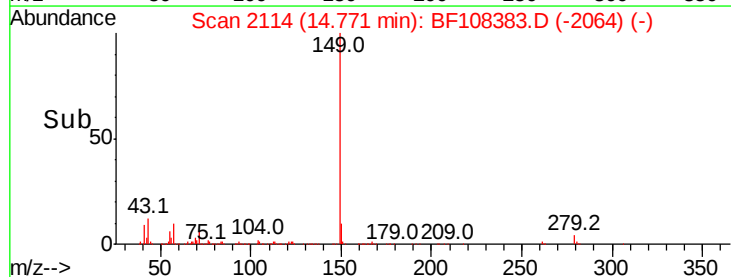
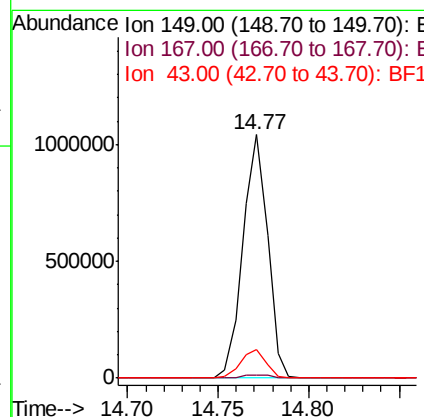
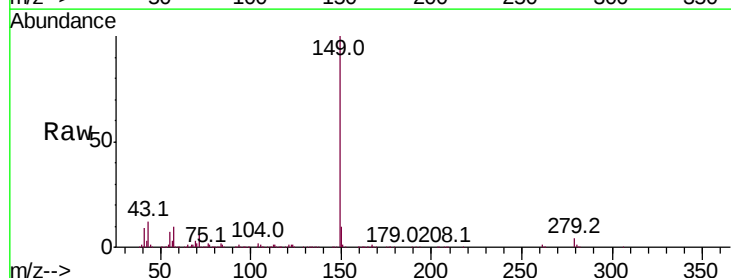
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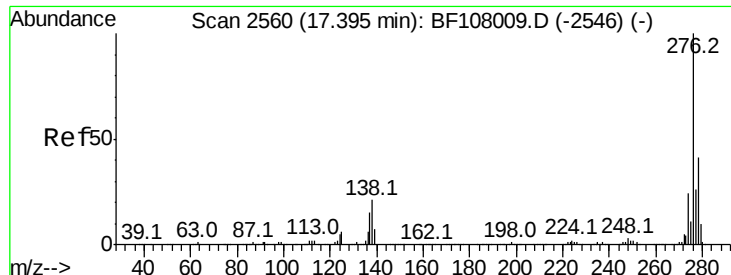
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#84
 Di-n-octyl phthalate
 Concen: 48.334 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	986741		
167	1.6		1.2	1.8
43	11.7		8.4	12.6





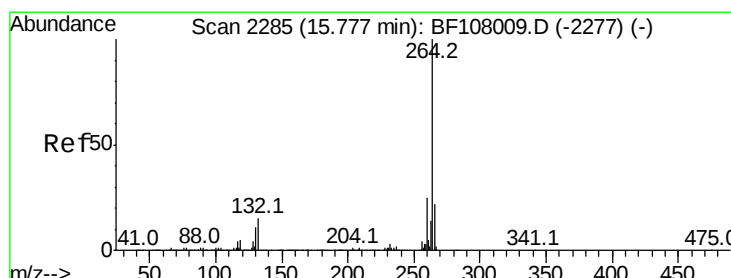
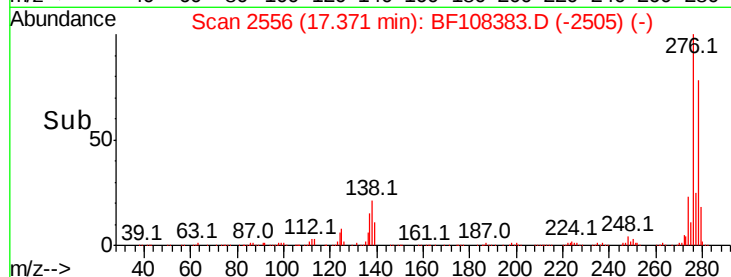
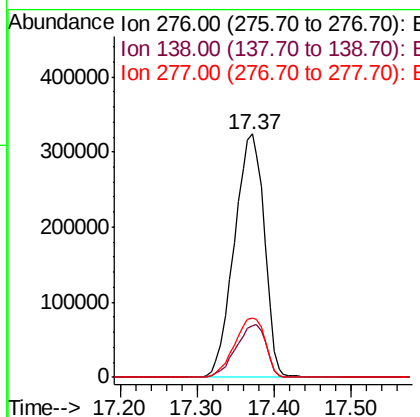
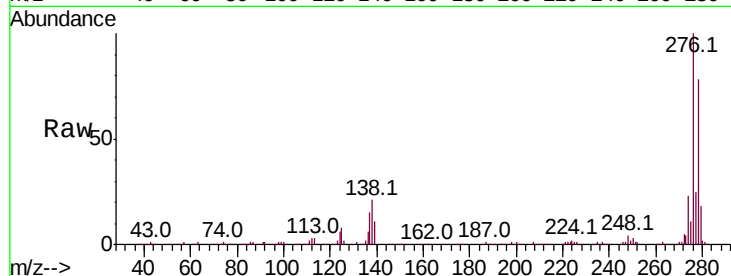
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.319 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	25.1	20.1	30.1

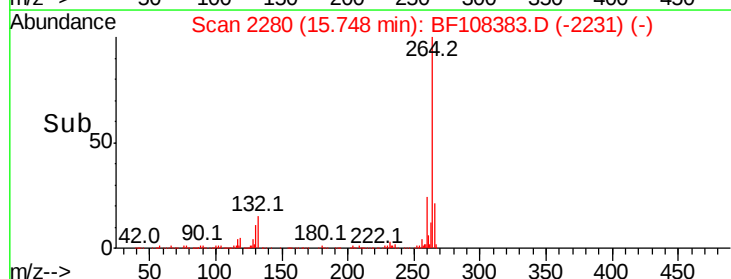
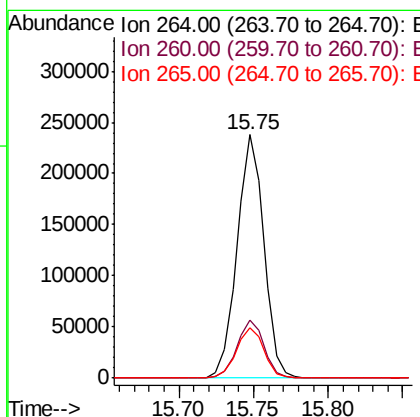
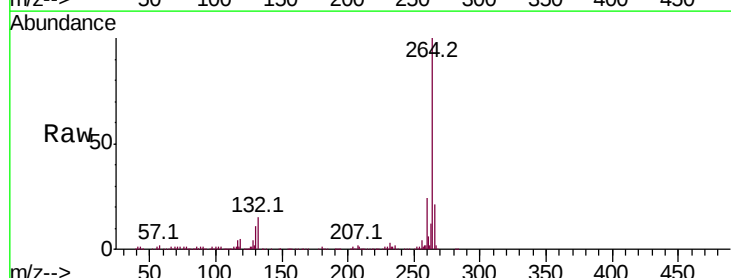
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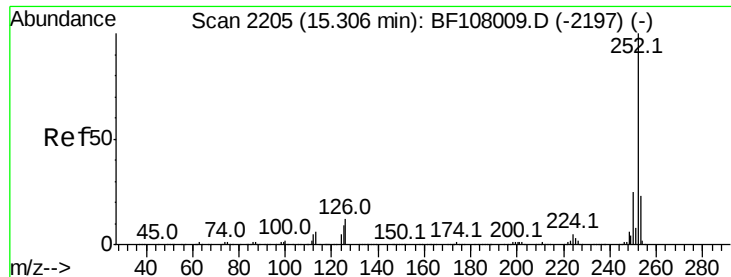
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3





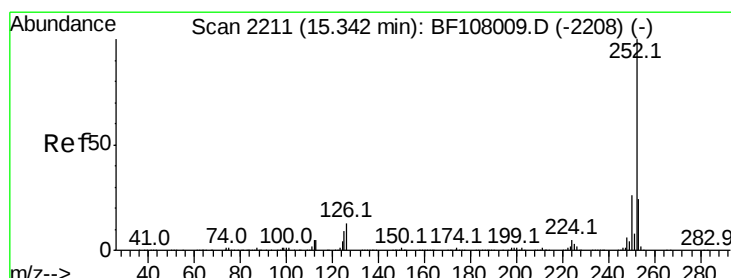
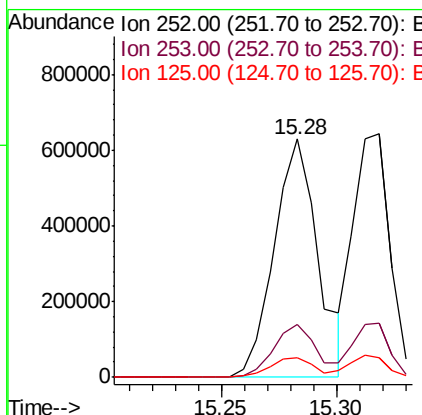
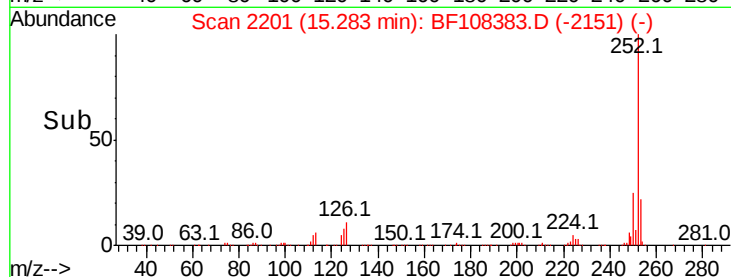
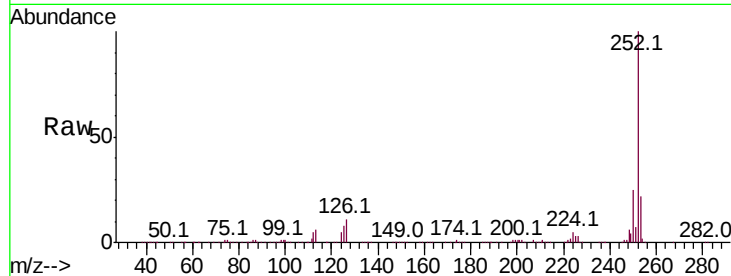
#87
Benzo(b)fluoranthene
Concen: 46.481 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.4	9.0	13.6

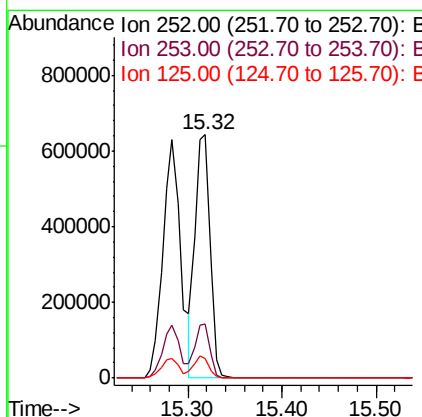
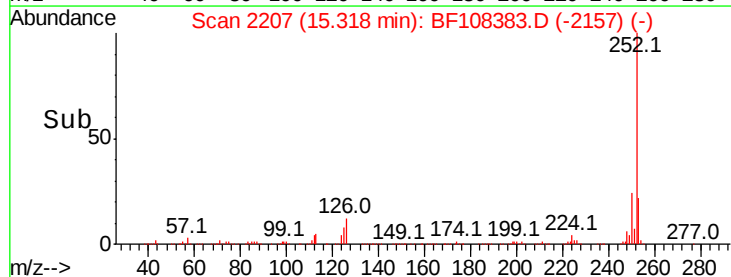
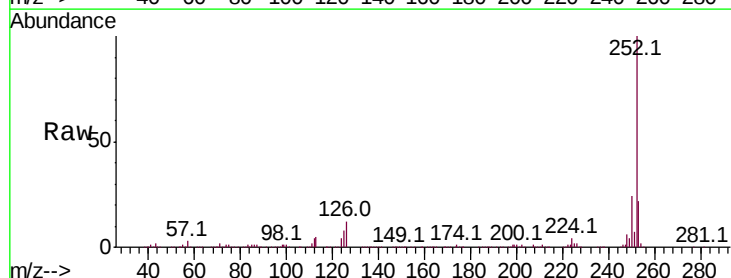
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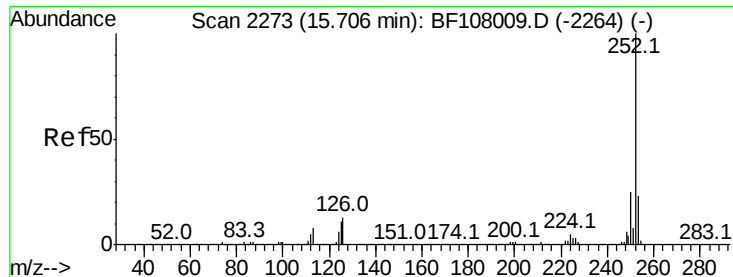
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#88
Benzo(k)fluoranthene
Concen: 43.383 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.9	10.2	15.2





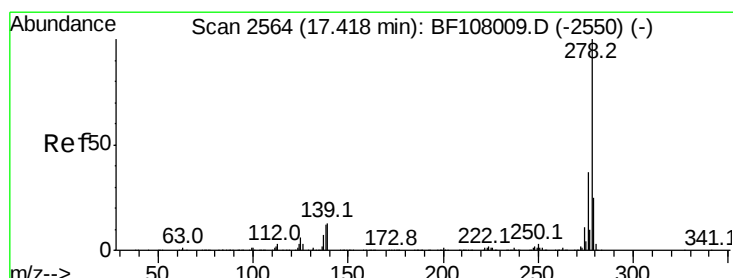
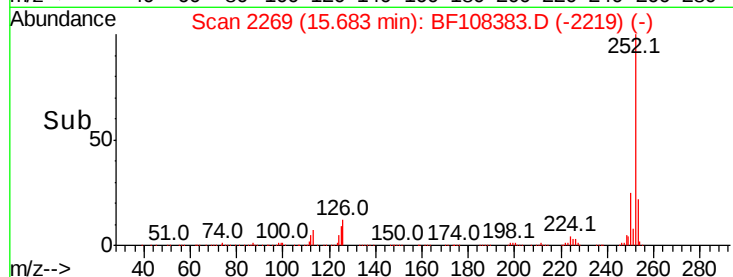
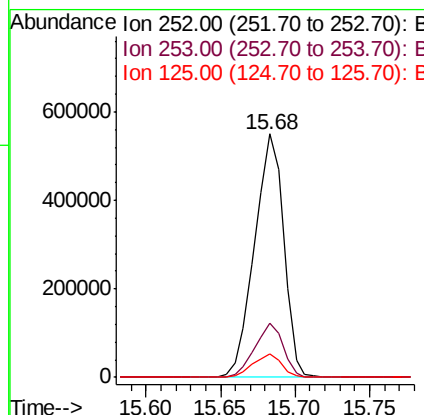
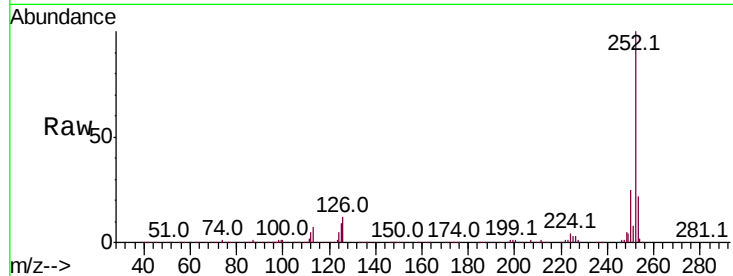
#89
Benzo(a)pyrene
Concen: 46.534 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.5	9.8	14.6

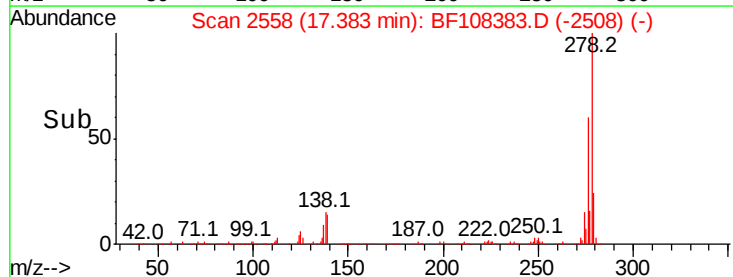
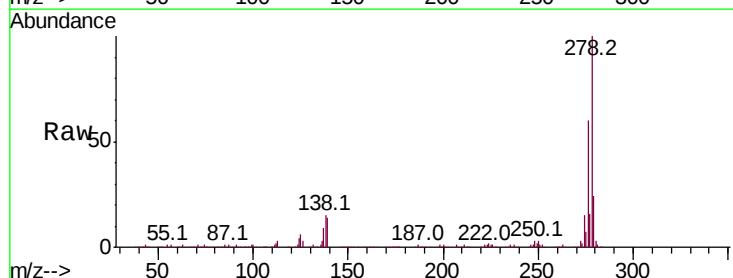
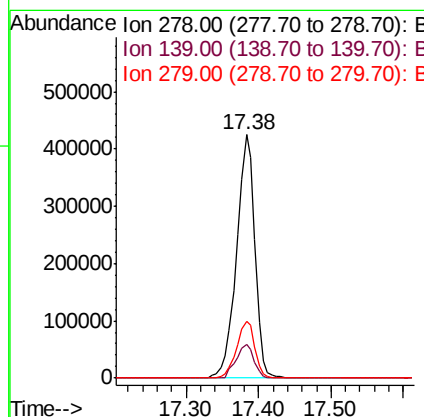
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#90
Dibenzo(a,h)anthracene
Concen: 56.703 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108383.D
Acq: 22 Aug 2018 15:16

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 57.928 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.00 min
 Lab File: BF108383.D
 Acq: 22 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	18.5	21.8	32.8

Manual Integrations
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