

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108931.D
 Acq On : 11 Sep 2018 13:23
 Operator : JU/SJ
 Sample : PB112743BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:46 AM

Quant Time: Sep 11 13:57:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	172664	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	657979	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	317697	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	624245	20.00	ng	0.00
75) Chrysene-d12	13.88	240	442622	20.00	ng	0.02
86) Perylene-d12	15.28	264	406385	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1243475	119.31	ng	0.02
7) Phenol-d6	6.38	99	1614429	120.39	ng	0.02
23) Nitrobenzene-d5	7.30	82	1041642	99.07	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	430670	142.00	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1774780	95.30	ng	0.00
78) Terphenyl-d14	12.83	244	1842049	97.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	202296	40.388	ng	93
3) Pyridine	3.21	79	573478	41.807	ng	92
4) n-Nitrosodimethylamine	3.15	42	257825	48.936	ng	# 90
6) Aniline	6.40	93	708718	39.294	ng	# 91
8) 2-Chlorophenol	6.53	128	535991	46.461	ng	96
9) Benzaldehyde	6.28	77	285650	30.026	ng	99
10) Phenol	6.40	94	650680	42.364	ng	74
11) bis(2-Chloroethyl)ether	6.48	93	535320	43.507	ng	98
12) 1,3-Dichlorobenzene	6.68	146	588769	44.723	ng	100
13) 1,4-Dichlorobenzene	6.76	146	589904	44.808	ng	97
14) 1,2-Dichlorobenzene	6.91	146	547042	45.081	ng	99
15) Benzyl Alcohol	6.88	79	481765	46.813	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	798926	43.438	ng	96
17) 2-Methylphenol	7.00	107	457527	46.929	ng	98
18) Hexachloroethane	7.25	117	221785	46.721	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	386114	41.422	ng	98
20) 3+4-Methylphenols	7.15	107	517919	45.350	ng	# 69
22) Acetophenone	7.15	105	712328	47.702	ng	# 91
24) Nitrobenzene	7.32	77	590667	52.359	ng	98
25) Isophorone	7.57	82	1098323	52.371	ng	98
26) 2-Nitrophenol	7.64	139	278753	62.719	ng	97
27) 2,4-Dimethylphenol	7.68	122	493805	54.713	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	686397	48.953	ng	100
29) 2,4-Dichlorophenol	7.88	162	468595	50.352	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	473957	46.993	ng	98
31) Naphthalene	8.04	128	1536234	51.895	ng	99
32) Benzoic acid	7.81	122	281779	47.655	ng	99
33) 4-Chloroaniline	8.09	127	510422	37.543	ng	99
34) Hexachlorobutadiene	8.17	225	281747	46.762	ng	99
35) Caprolactam	8.47	113	154339m	48.942	ng	
36) 4-Chloro-3-methylphenol	8.58	107	483373	48.757	ng	99
37) 2-Methylnaphthalene	8.74	142	1031768	52.758	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	429733	45.250	ng	99
40) Hexachlorocyclopentadiene	8.90	237	588060	123.085	ng	99

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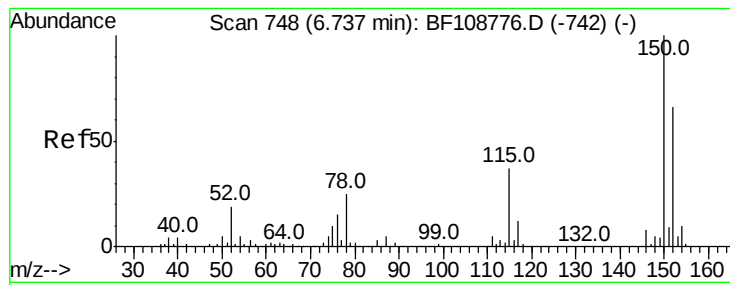
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	331754	51.287	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	353033	52.651	nq	94
45) 1,1'-Biphenyl	9.20	154	1181520	48.307	nq	99
46) 2-Chloronaphthalene	9.22	162	946834	47.867	nq	97
47) 2-Nitroaniline	9.31	65	308071	57.010	nq	96
48) Acenaphthylene	9.64	152	1527916	51.821	nq	99
49) Dimethylphthalate	9.50	163	1098457	49.434	nq	98
50) 2,6-Dinitrotoluene	9.56	165	252720	59.686	nq	92
51) Acenaphthene	9.81	154	909675	49.857	nq	99
52) 3-Nitroaniline	9.72	138	228941	45.423	nq	95
53) 2,4-Dinitrophenol	9.83	184	188485	116.395	nq #	20
54) Dibenzofuran	9.98	168	1298639	48.828	nq	96
55) 4-Nitrophenol	9.89	139	441191	117.090	nq	94
56) 2,4-Dinitrotoluene	9.96	165	337070	62.249	nq #	96
57) Fluorene	10.32	166	957750	56.114	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	296216	54.781	nq	88
59) Diethylphthalate	10.20	149	1105999	48.231	nq	97
60) 4-Chlorophenyl-phenylether	10.31	204	458527	50.303	nq	95
61) 4-Nitroaniline	10.34	138	276437	60.542	nq	98
62) Azobenzene	10.47	77	1142729	48.277	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	133294	53.397	nq	77
65) n-Nitrosodiphenylamine	10.43	169	956567	46.089	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	324678	46.050	nq #	87
67) Hexachlorobenzene	10.87	284	343258	45.607	nq #	90
68) Atrazine	10.96	200	326119	49.083	nq	97
69) Pentachlorophenol	11.06	266	382941	83.221	nq	97
70) Phenanthrene	11.28	178	1489968	49.981	nq	99
71) Anthracene	11.33	178	1528872	53.566	nq	99
72) Carbazole	11.48	167	1406641	46.797	nq	99
73) Di-n-butylphthalate	11.82	149	1689277	50.608	nq	99
74) Fluoranthene	12.46	202	1584397	53.681	nq	97
76) Benzidine	12.58	184	940922	44.852	nq	98
77) Pyrene	12.68	202	1627283	47.778	nq	99
79) Butylbenzylphthalate	13.31	149	745203	48.586	nq	94
80) Benzo(a)anthracene	13.87	228	1313319	46.291	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	397363	35.950	nq	97
82) Chrysene	13.91	228	1333410	48.550	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	864099	44.830	nq	100
84) Di-n-octyl phthalate	14.48	149	1566728	48.755	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1028233	42.303	nq	95
87) Benzo(b)fluoranthene	14.89	252	1220867	55.249	nq	97
88) Benzo(k)fluoranthene	14.92	252	1078567	53.002	nq	97
89) Benzo(a)pyrene	15.23	252	1069579	53.643	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	843070	47.986	nq	96
91) Benzo(g,h,i)perylene	17.07	276	879780	50.013	nq #	93

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



#1

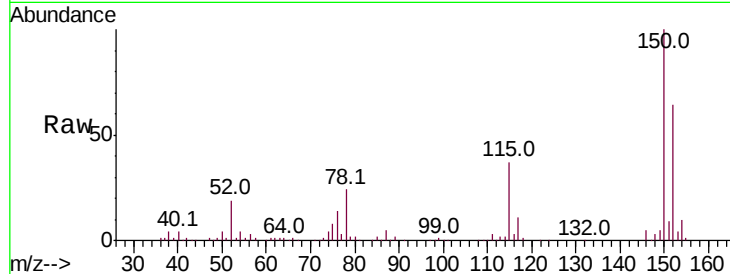
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	57.3	50.1	75.1

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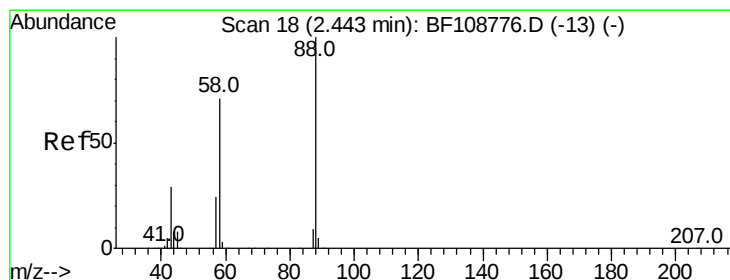
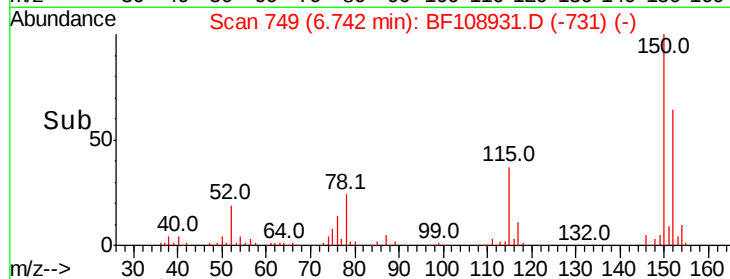
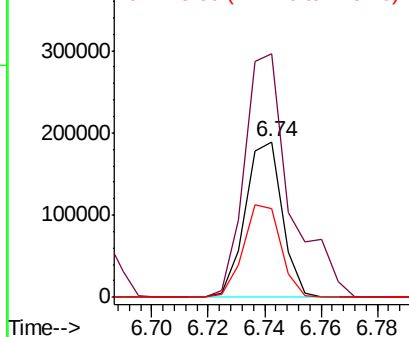


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

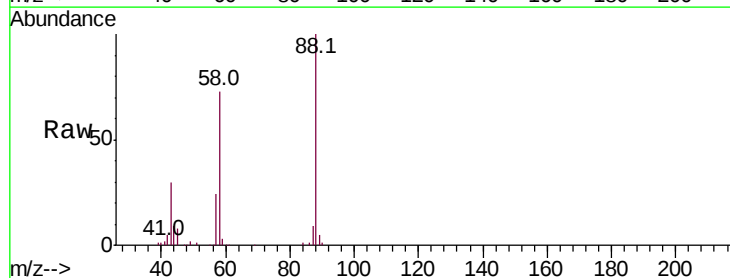
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.388 ng
RT: 2.51 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	62.6	93.8
43	28.6	24.6	37.0

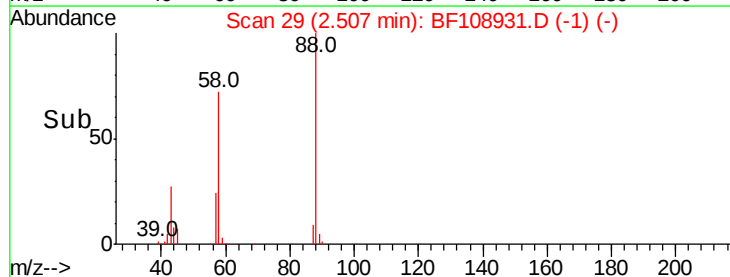
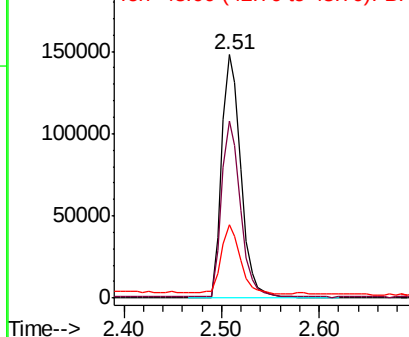


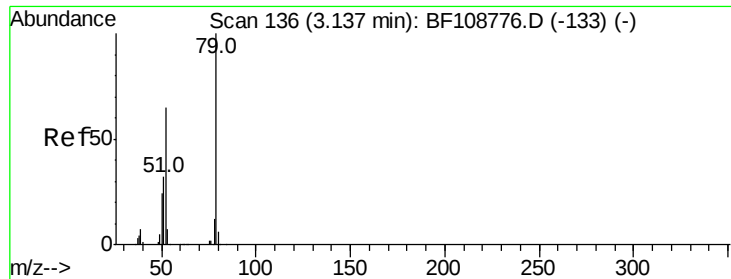
Abundance

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: 41.807 ng

RT: 3.21 min Scan# 149

Delta R.T. 0.08 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

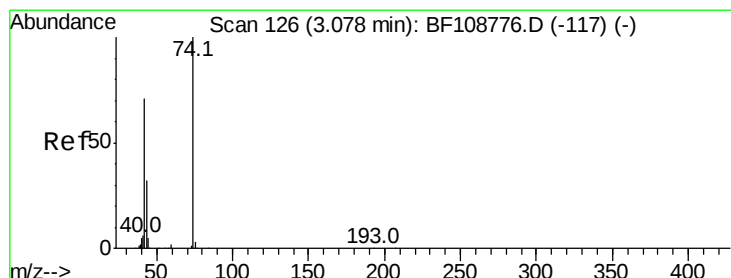
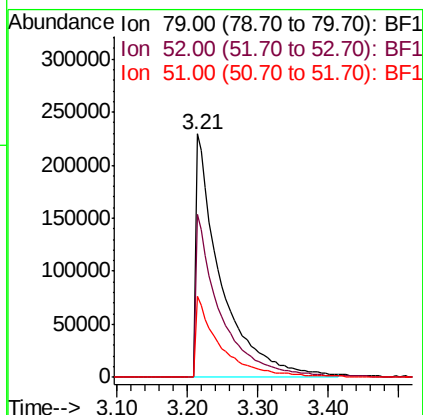
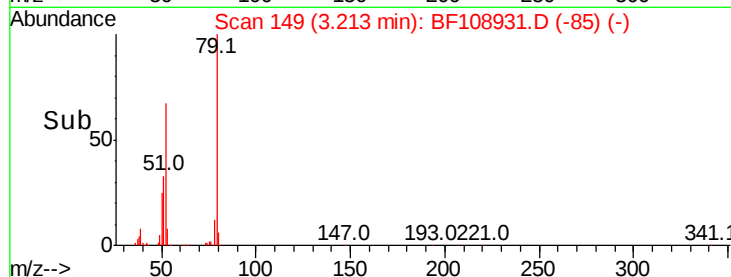
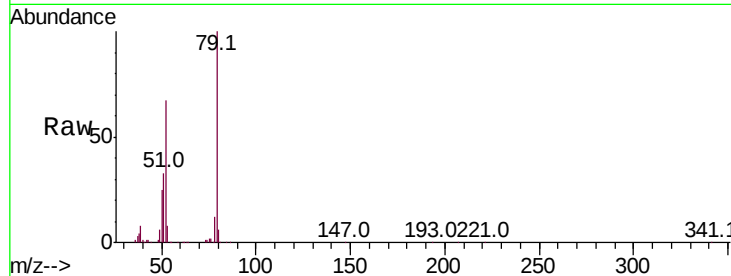
ClientSampleId :

PB112743BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.0	59.8	89.6
51	33.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 48.936 ng

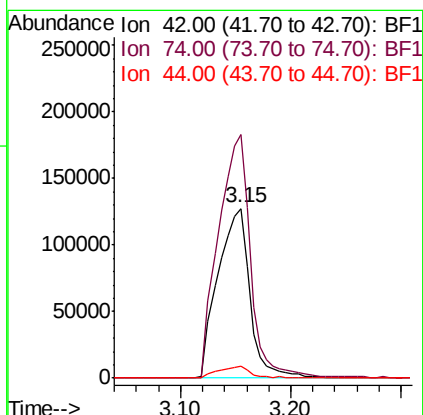
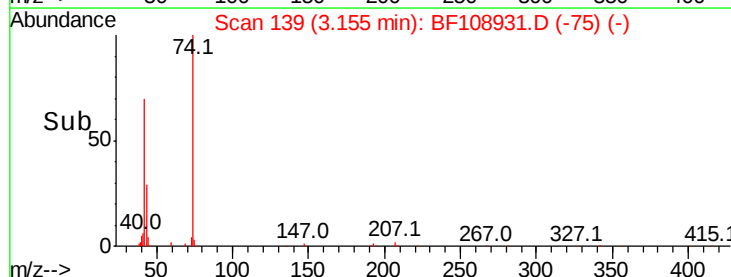
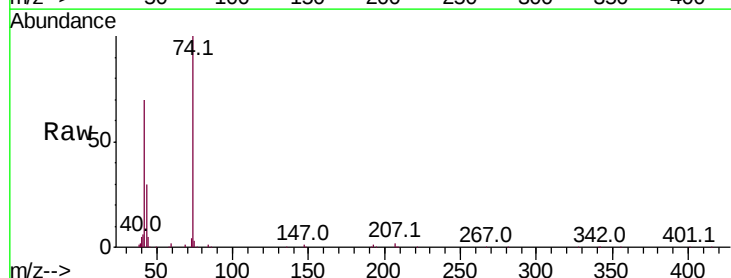
RT: 3.15 min Scan# 139

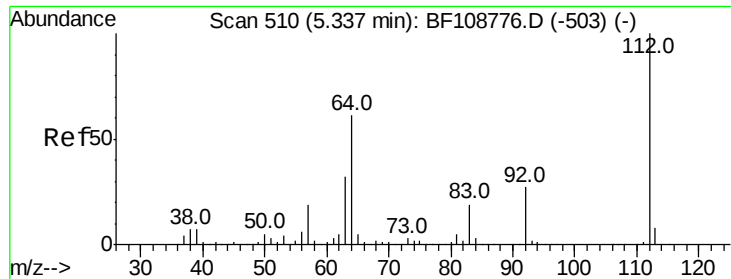
Delta R.T. 0.08 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.3	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 119.308 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

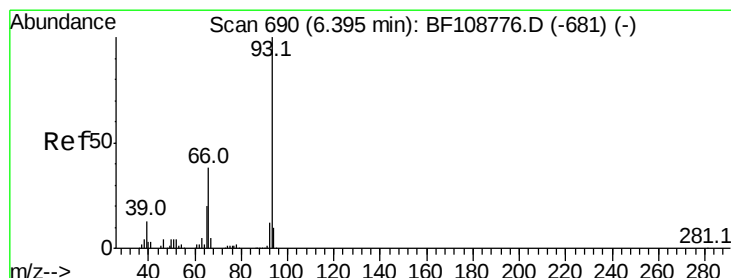
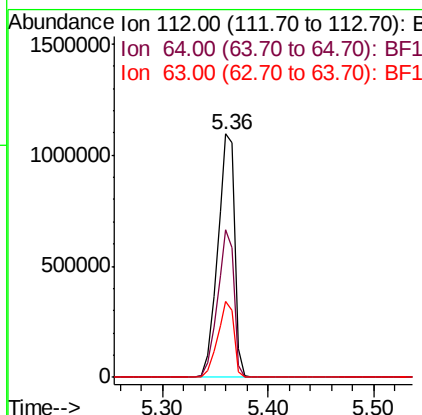
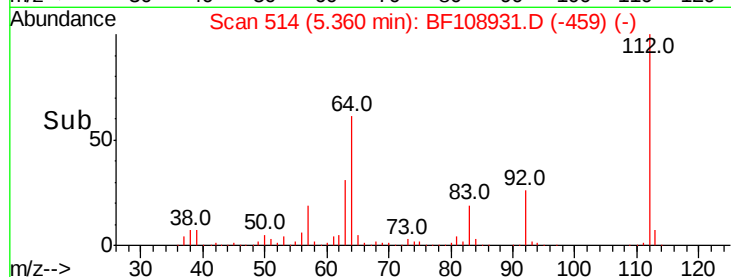
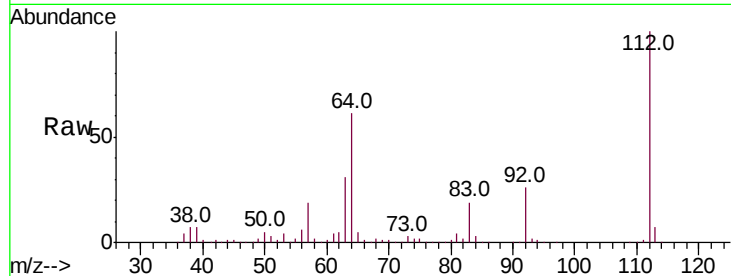
ClientSampleId :

PB112743BSD

Tot Ion:	112	Resp:	1243475
Ion Ratio	Lower	Upper	
112	100		
64	60.7	47.9	71.9
63	31.4	23.7	35.5

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#6

Aniline

Concen: 39.294 ng

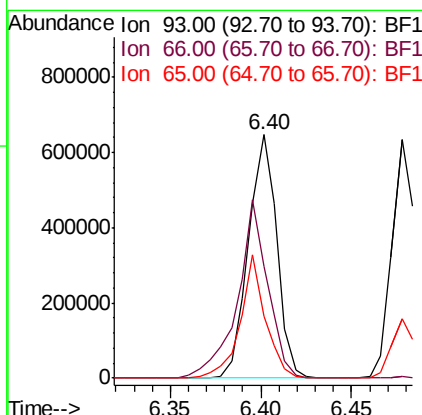
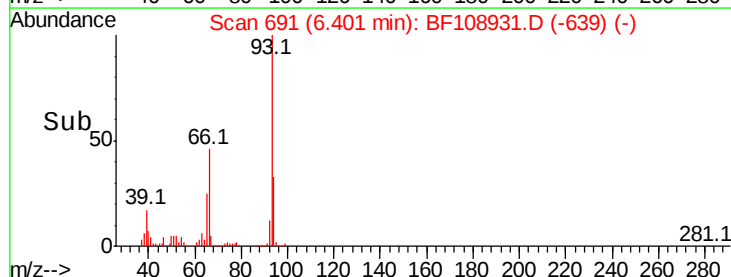
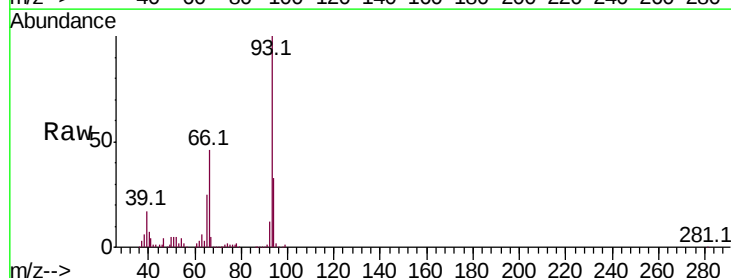
RT: 6.40 min Scan# 691

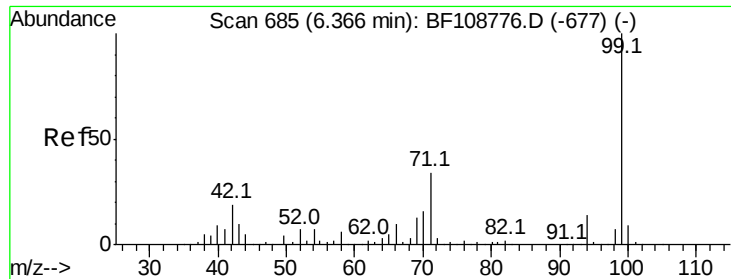
Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion:	93	Resp:	708718
Ion Ratio	Lower	Upper	
93	100		
66	45.8	32.2	48.2
65	25.3	16.4	24.6





#7

Phenol-d6

Concen: 120.390 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

PB112743BSD

Tot Ion: 99 Resp: 1614429

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

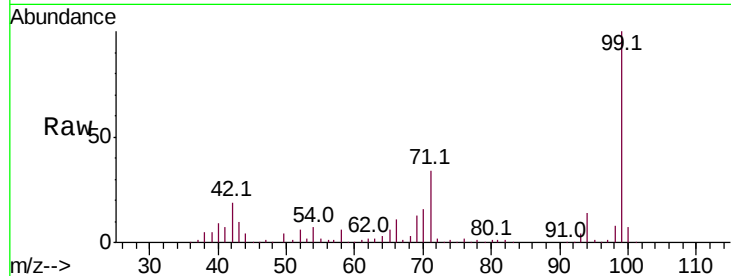
71 33.8 25.4 38.0

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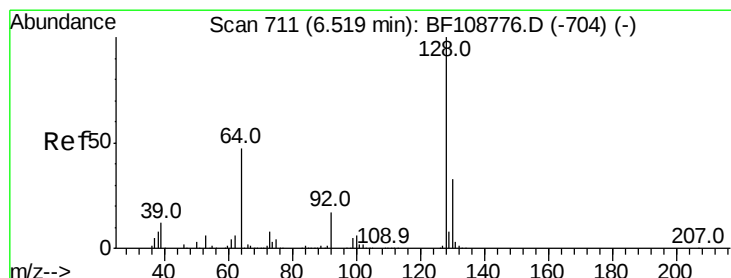
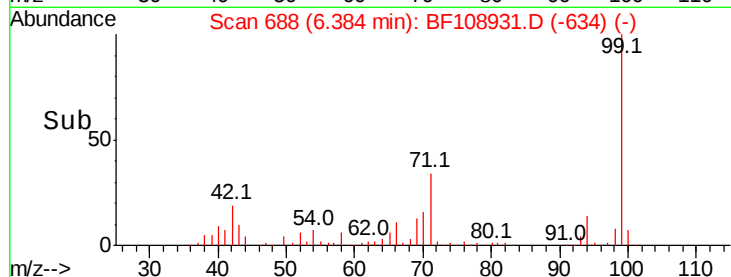
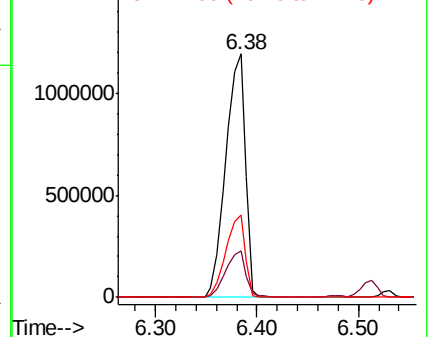
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.461 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

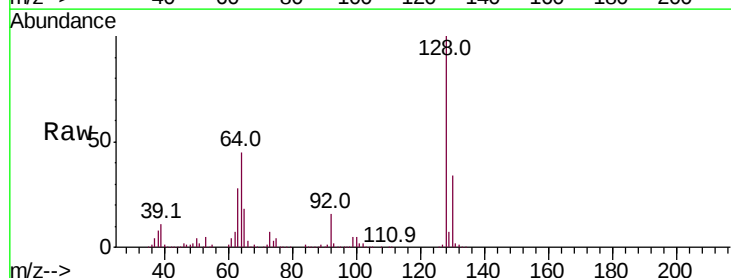
Tgt Ion:128 Resp: 535991

Ion Ratio Lower Upper

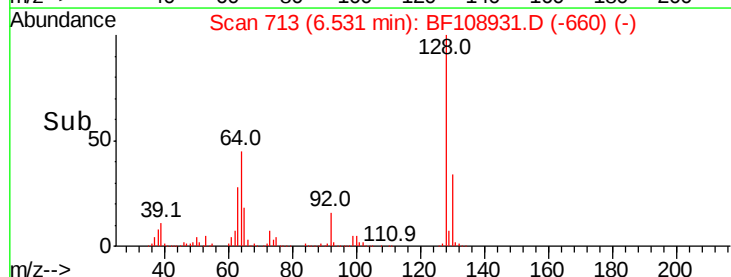
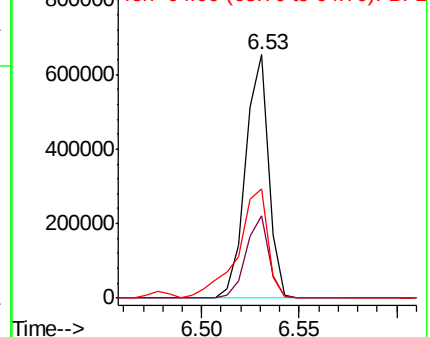
128 100

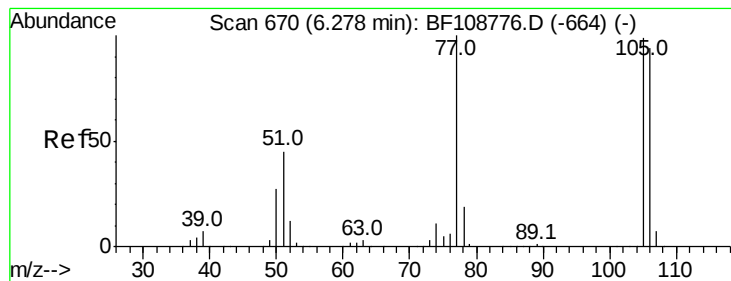
130 33.6 13.0 53.0

64 44.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 30.026 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

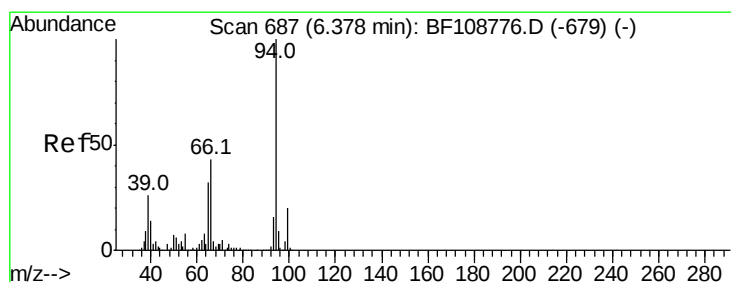
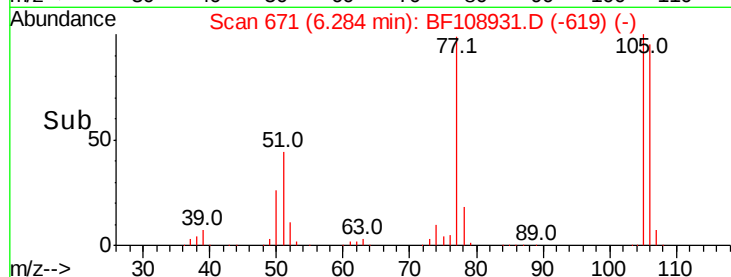
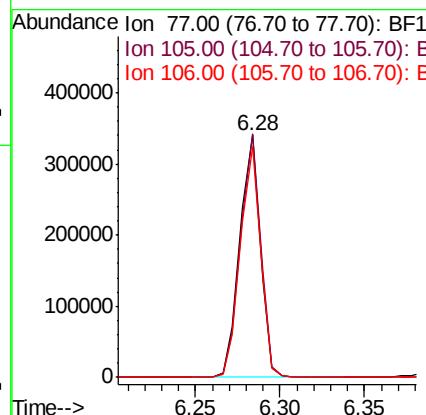
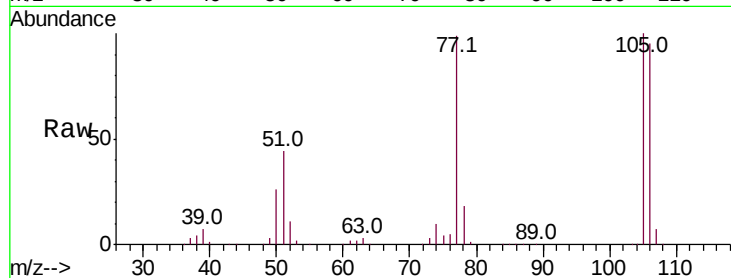
ClientSampleId :

PB112743BSD

Tot Ion:	77	Resp:	285650
Ion Ratio	Lower	Upper	
77	100		
105	100.6	81.1	121.1
106	95.1	74.5	114.5

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#10

Phenol

Concen: 42.364 ng

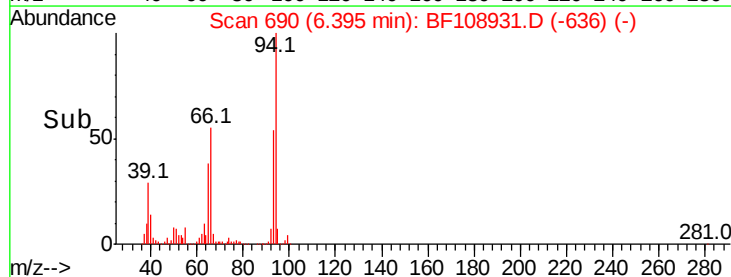
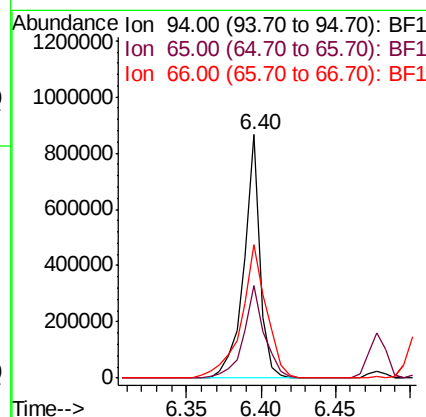
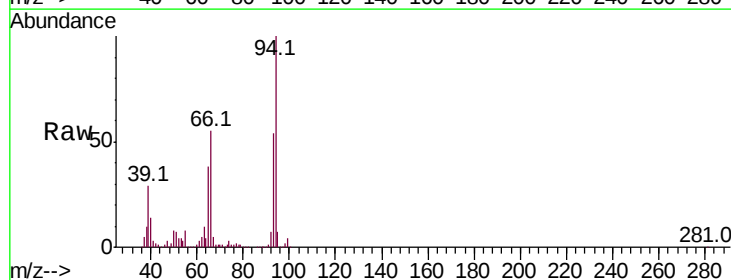
RT: 6.40 min Scan# 690

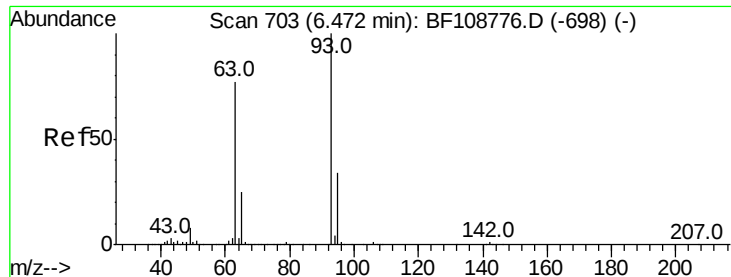
Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion:	94	Resp:	650680
Ion Ratio	Lower	Upper	
94	100		
65	37.8	7.9	47.9
66	55.0	16.2	56.2





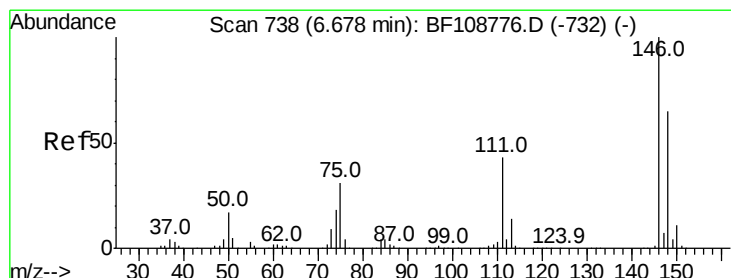
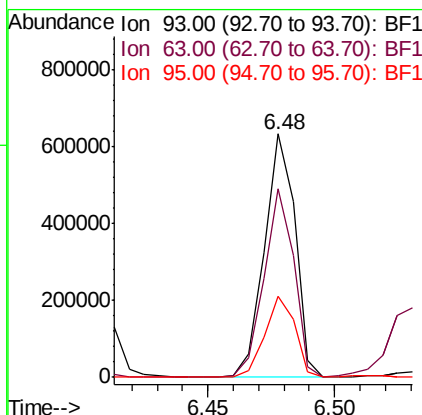
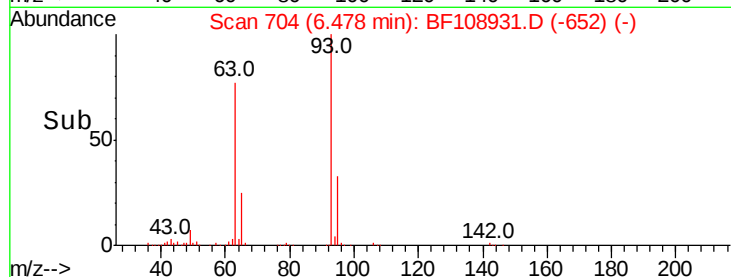
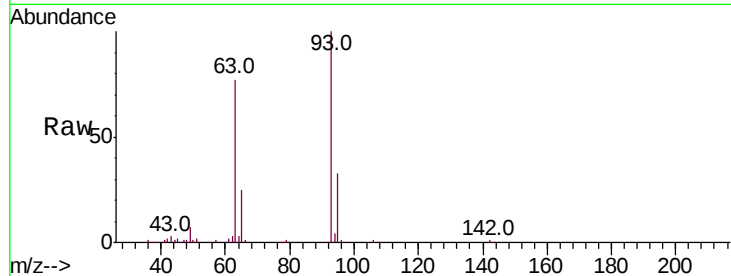
#11
bis(2-Chloroethyl)ether
Concen: 43.507 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion:	93	Resp:	535320
Ion Ratio	Lower	Upper	
93	100		
63	77.2	58.6	98.6
95	33.3	11.8	51.8

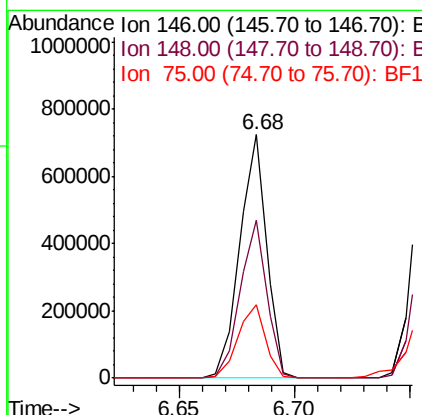
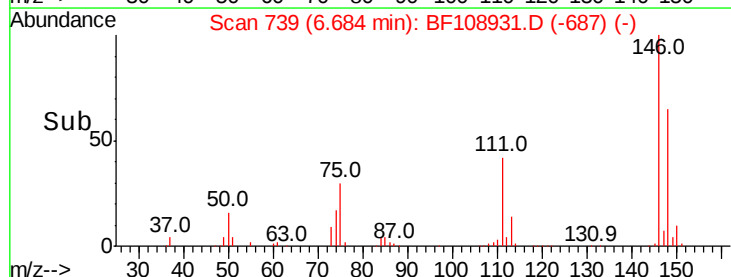
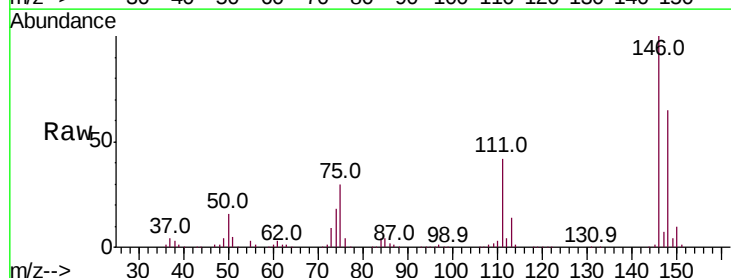
Manual Integrations
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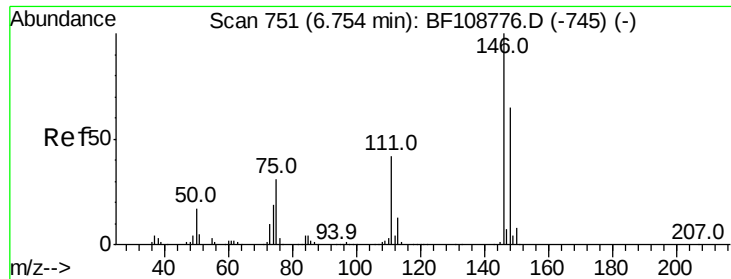
Sohil
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#12
1,3-Dichlorobenzene
Concen: 44.723 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:	146	Resp:	588769
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.8
75	30.0	24.2	36.4





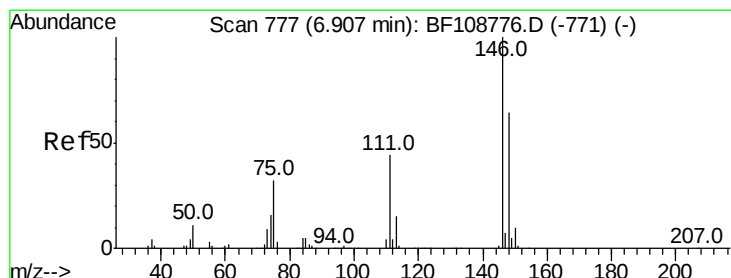
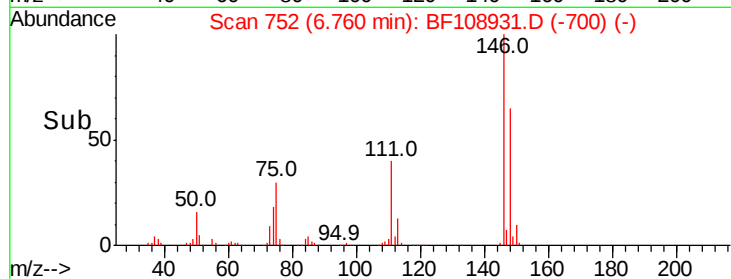
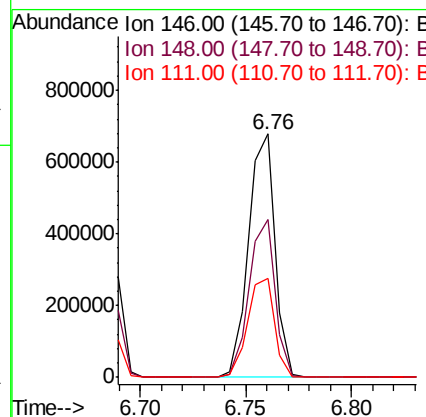
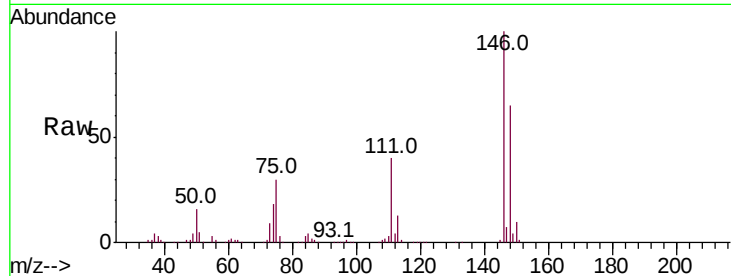
#13
 1,4-Dichlorobenzene
 Concen: 44.808 ng
 RT: 6.76 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	589904		
148	64.9	50.8	76.2	
111	40.4	34.2	51.2	

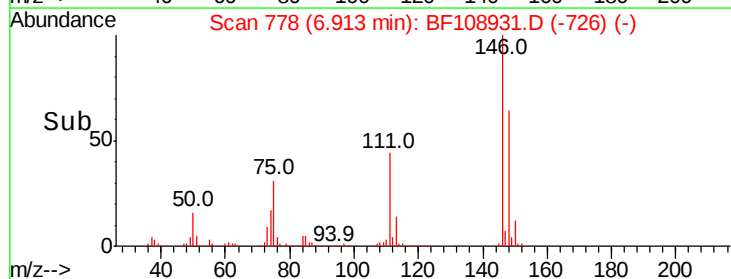
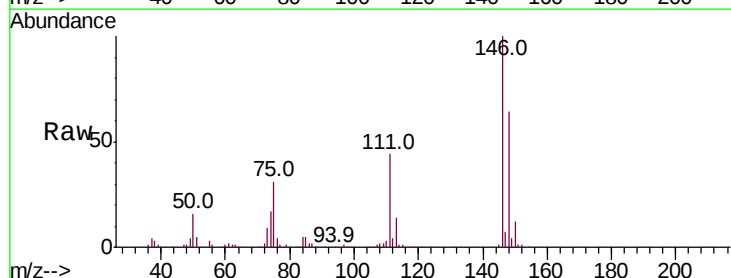
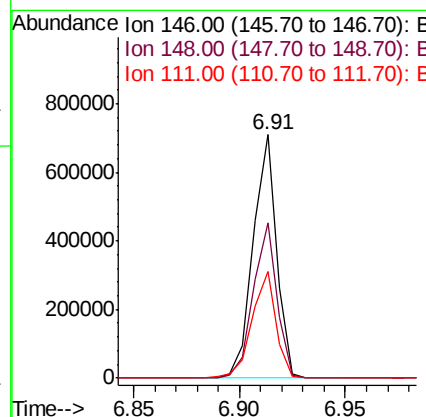
Manual Integrations
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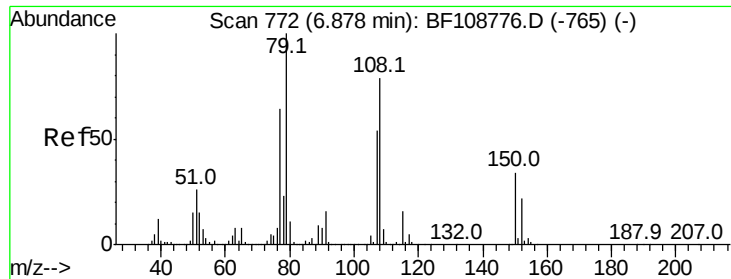
Sohil
 9/12/2018 9:11:46 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.081 ng
 RT: 6.91 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	547042		
148	63.8	50.6	75.8	
111	43.6	36.0	54.0	





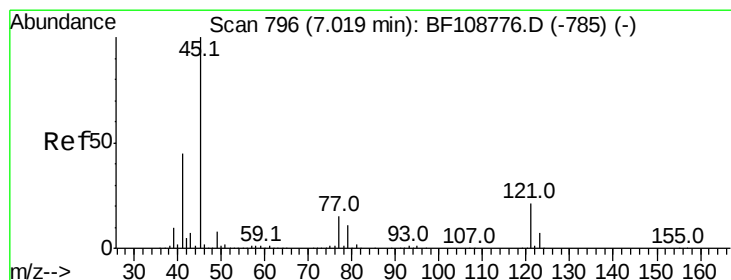
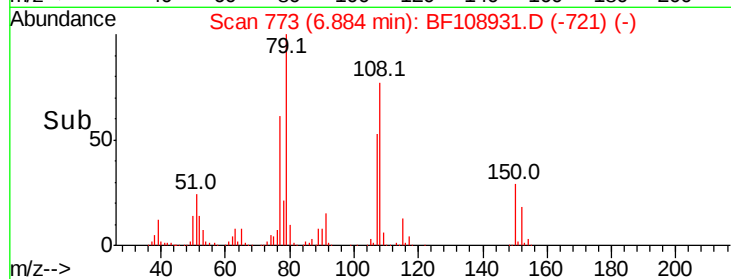
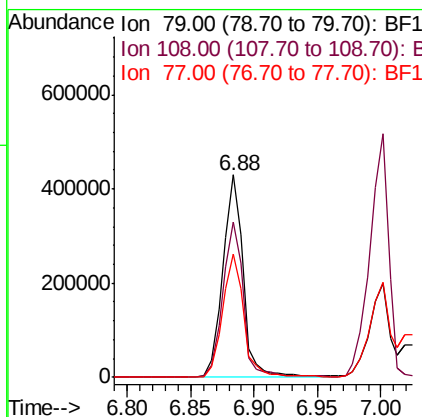
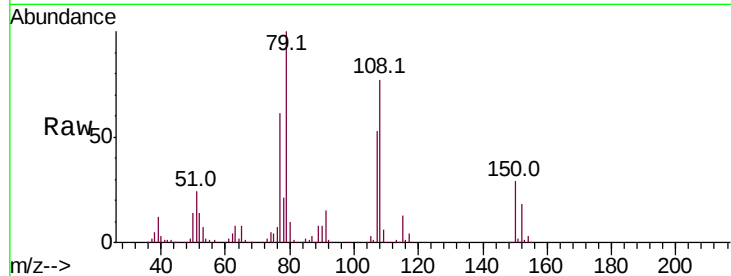
#15
Benzyl Alcohol
Concen: 46.813 ng
RT: 6.88 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.7	65.1	97.7	
77	61.2	50.6	75.8	

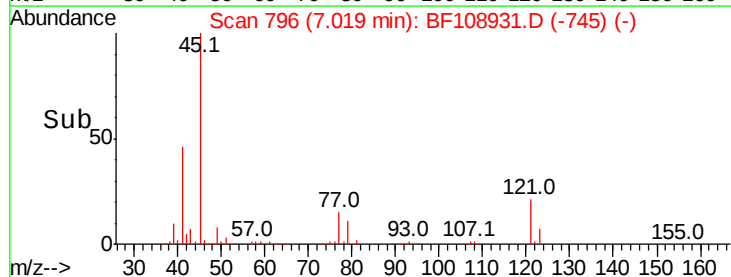
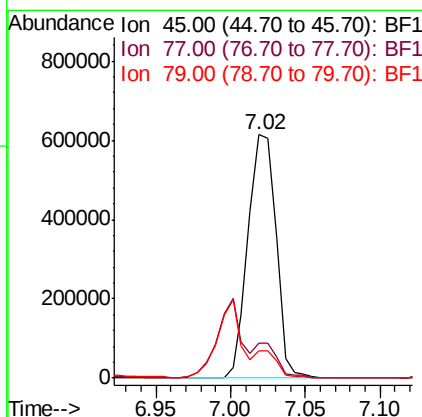
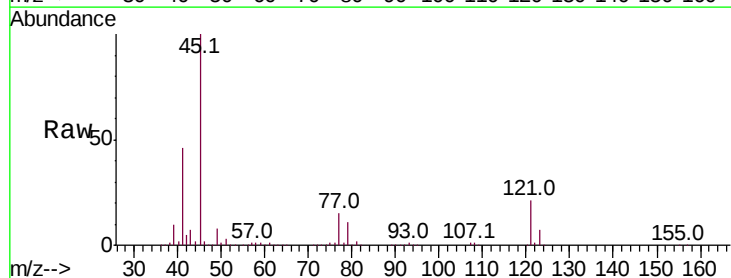
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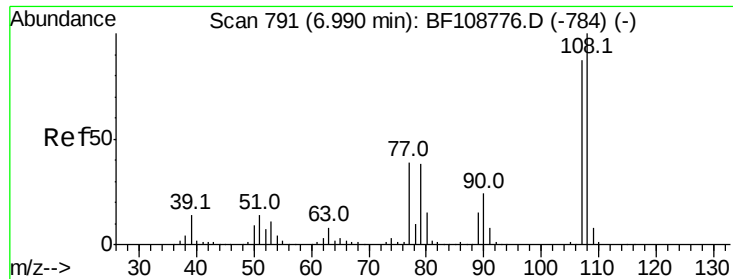
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.438 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.6	0.0	32.9	
79	11.3	0.0	29.6	





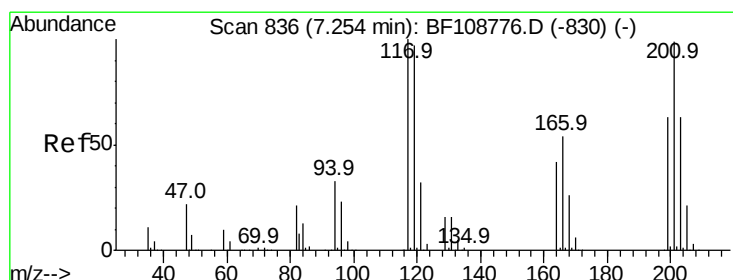
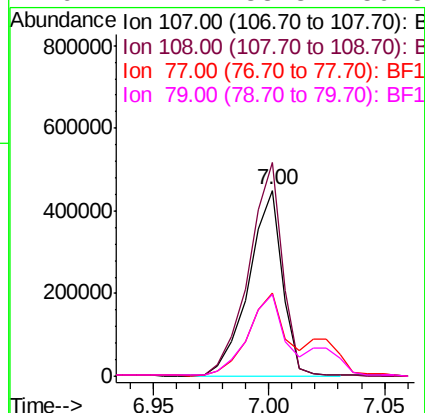
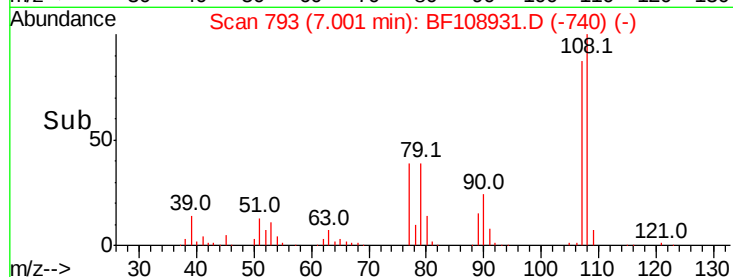
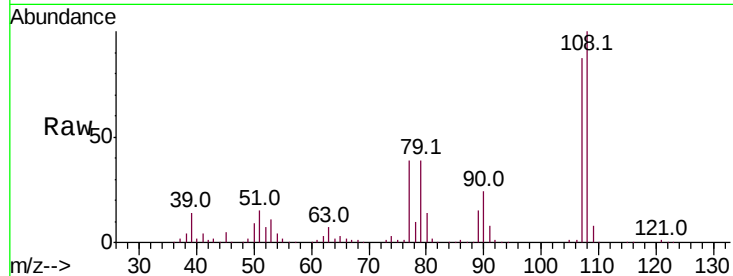
#17
2-Methylphenol
Concen: 46.929 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion:	107	Resp:	457527
Ion Ratio	Lower	Upper	
107	100		
108	114.8	91.7	137.5
77	45.0	33.8	50.8
79	44.4	33.8	50.8

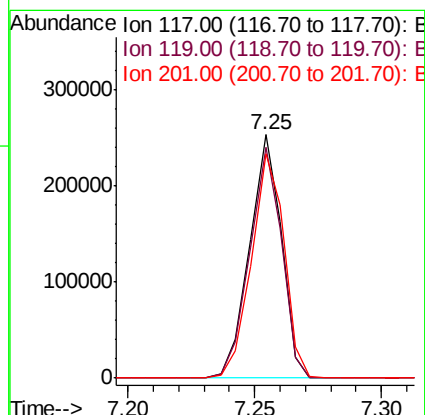
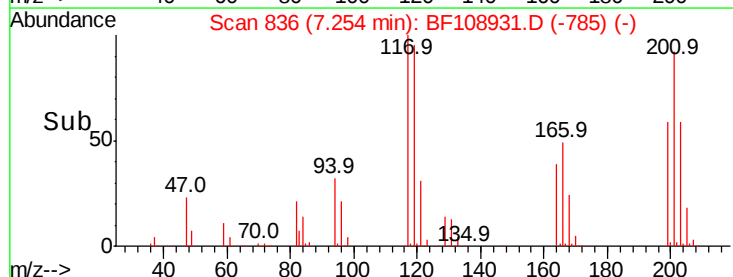
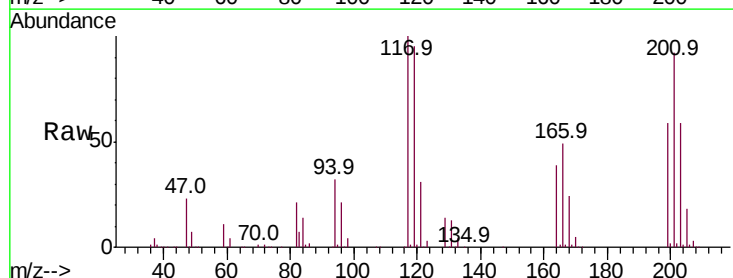
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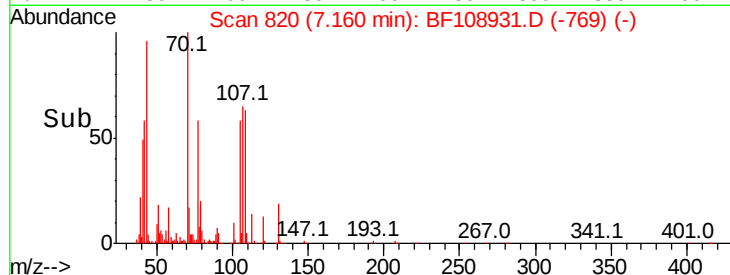
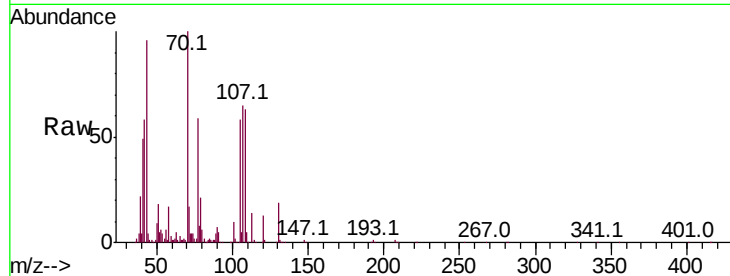
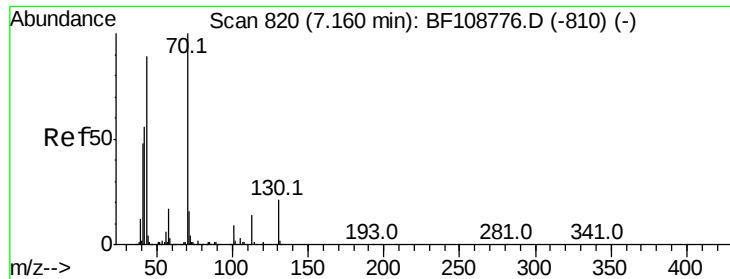
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#18
Hexachloroethane
Concen: 46.721 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:	117	Resp:	221785
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.8
201	92.2	75.7	113.5





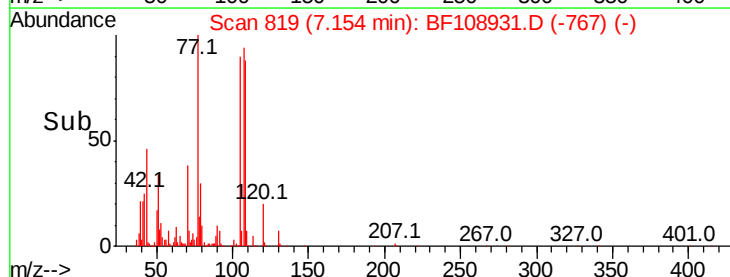
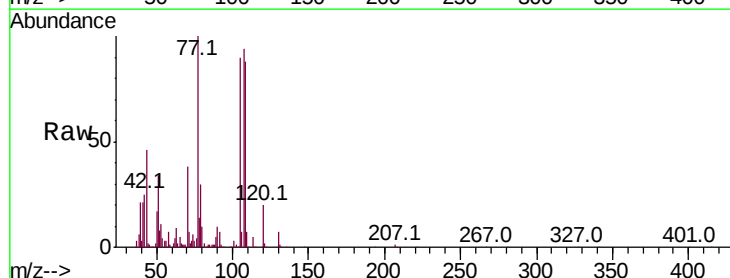
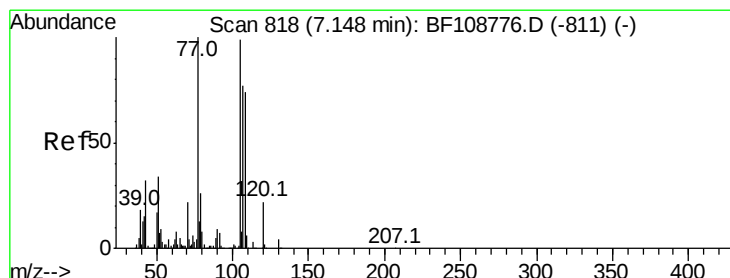
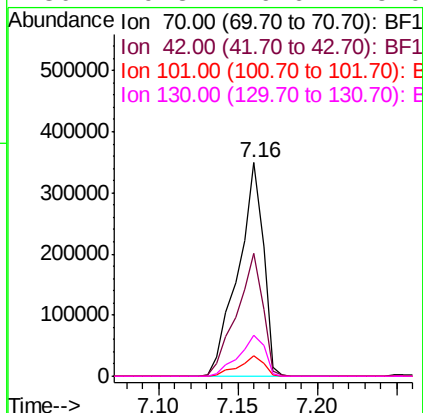
#19
n-Nitroso-di-n-propylamine
Concen: 41.422 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	47.5	71.3	
101	9.6	7.4	11.2	
130	19.3	16.6	25.0	

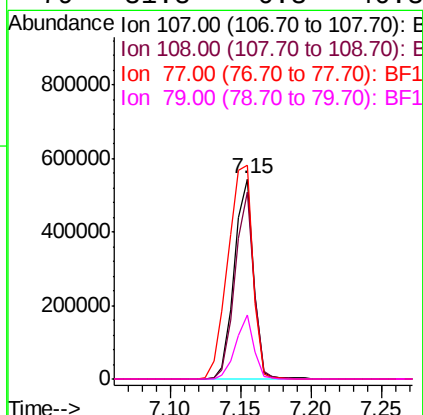
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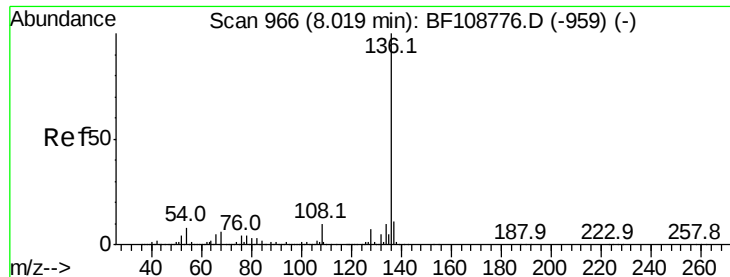
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#20
3+4-Methylphenols
Concen: 45.350 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.5	68.2	108.2	
77	106.7	26.7	66.7#	
79	31.8	6.3	46.3	





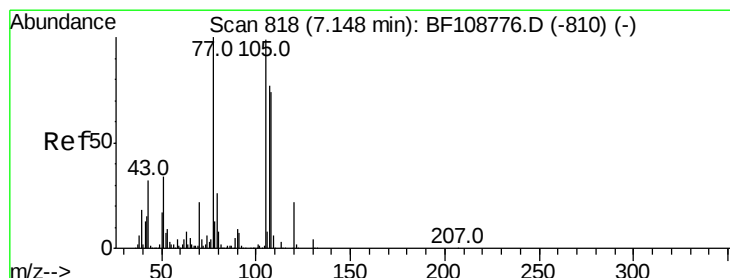
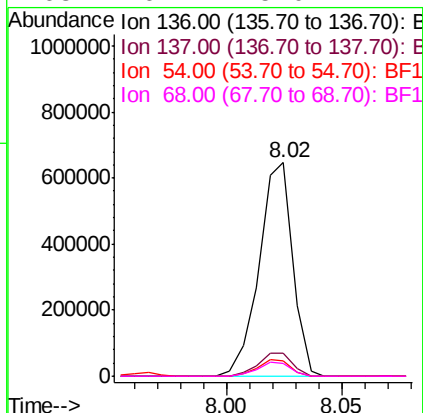
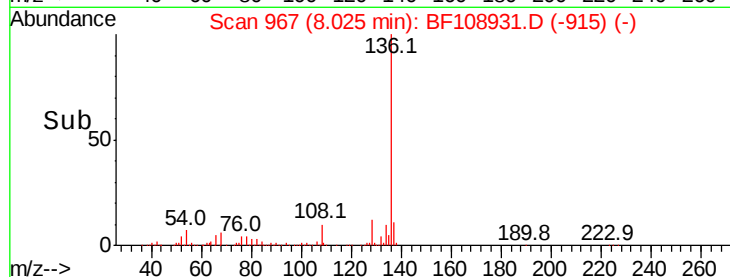
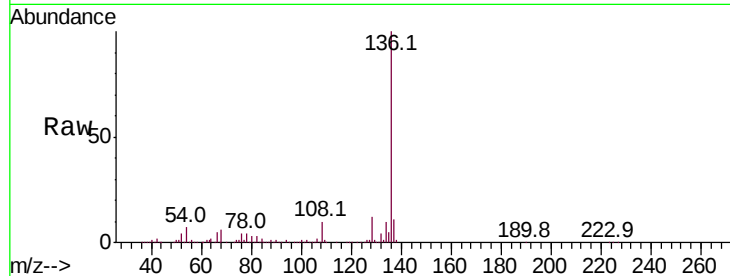
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	657979		
137	10.8		8.9	13.3
54	7.2		6.6	9.8
68	6.1		5.0	7.4

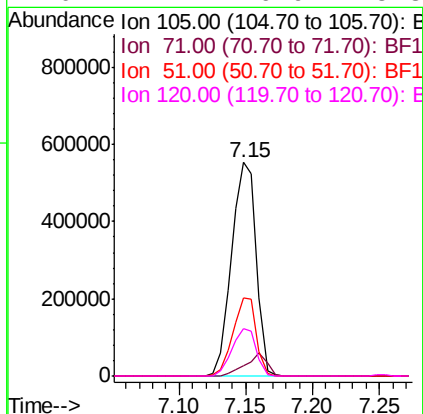
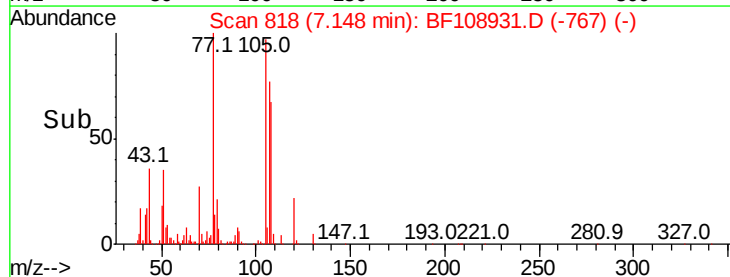
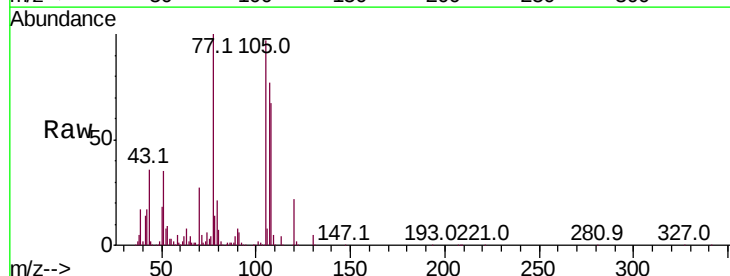
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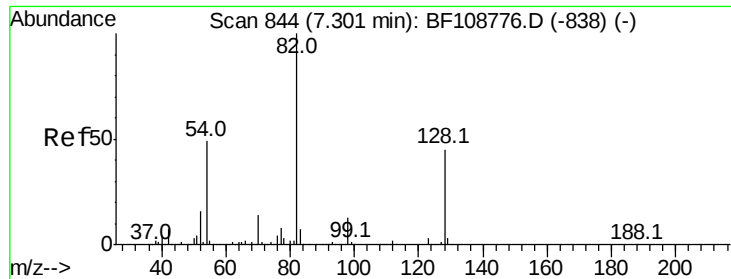
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#22
Acetophenone
Concen: 47.702 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	712328		
71	4.8		4.4	6.6
51	36.3		22.3	33.5#
120	22.1		16.9	25.3





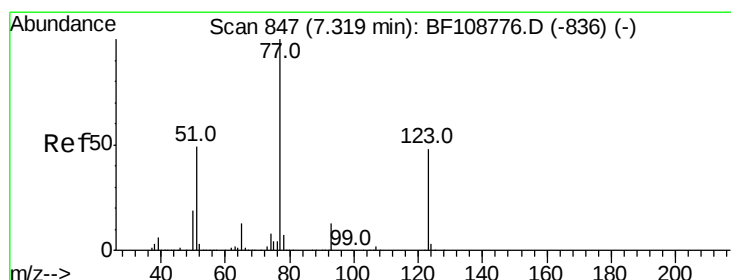
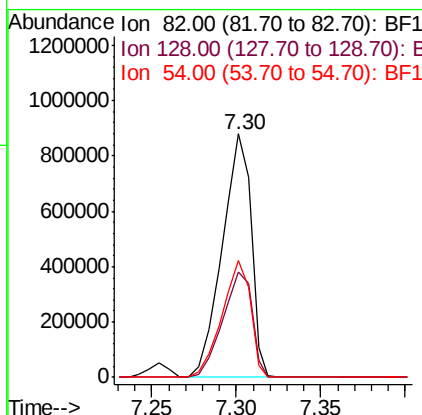
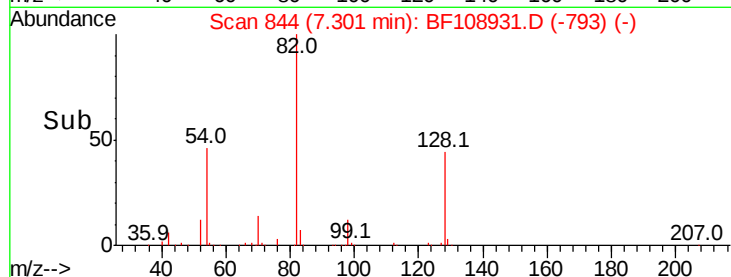
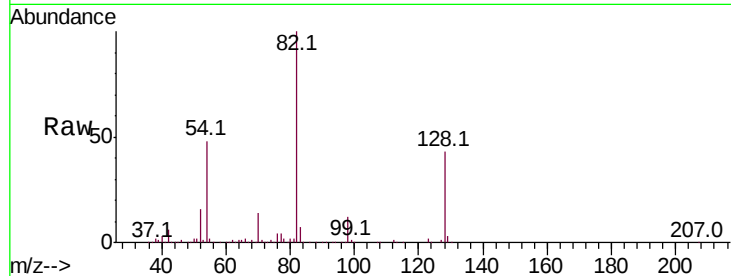
#23
 Nitrobenzene-d5
 Concen: 99.071 ng
 RT: 7.30 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	48.2	41.4	62.2

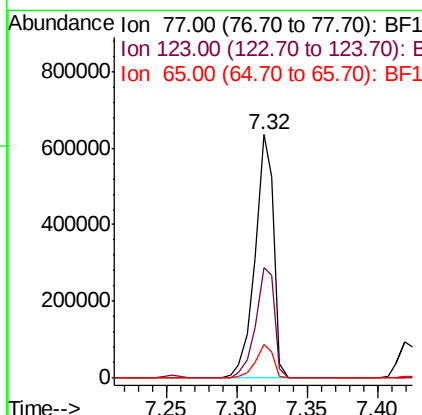
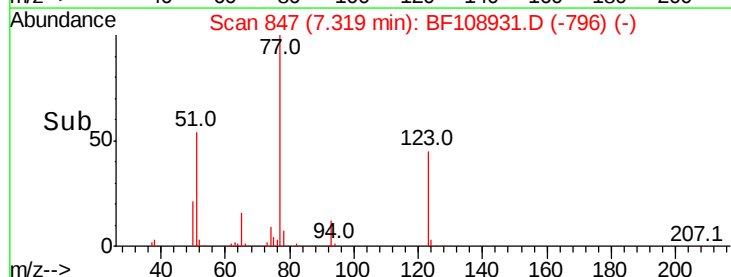
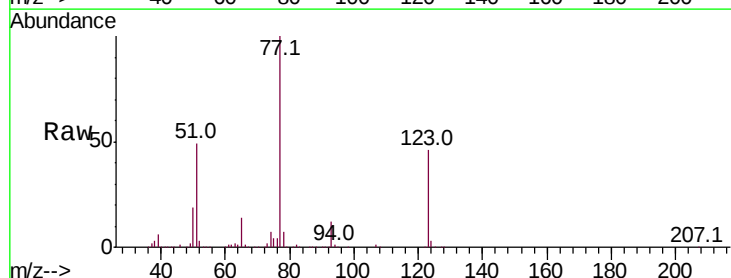
Manual Integrations
 APPROVED

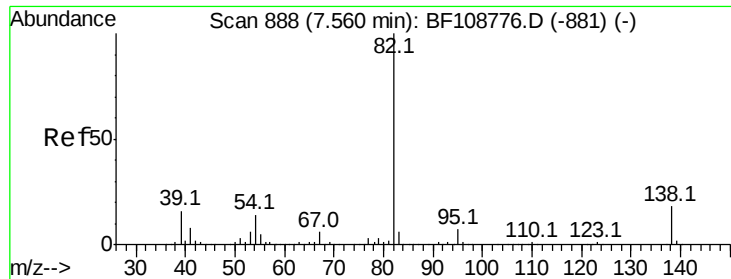
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#24
 Nitrobenzene
 Concen: 52.359 ng
 RT: 7.32 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 52.371 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

PB112743BSD

Tot Ion: 82 Resp: 1098323

Ion Ratio Lower Upper

82 100

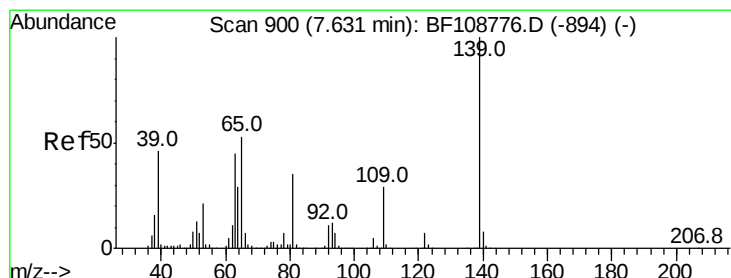
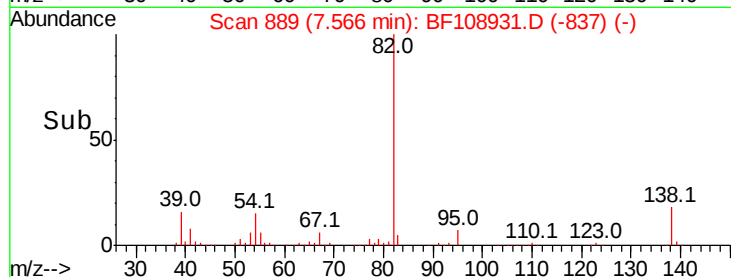
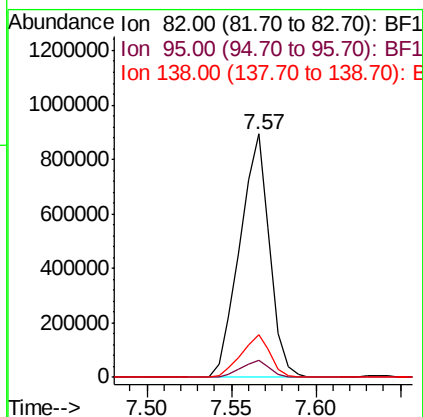
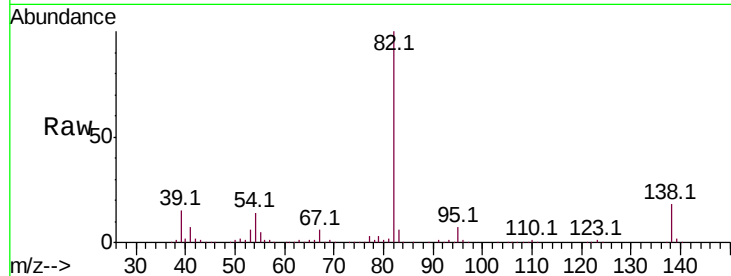
95 7.0 5.2 7.8

138 17.8 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 62.719 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

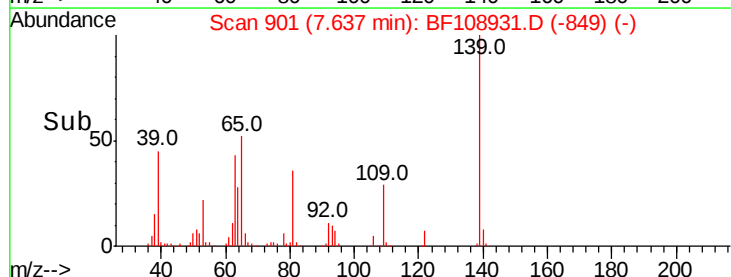
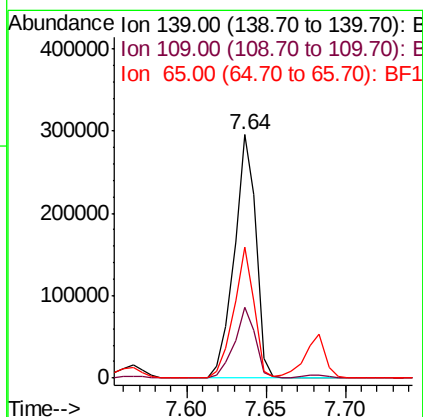
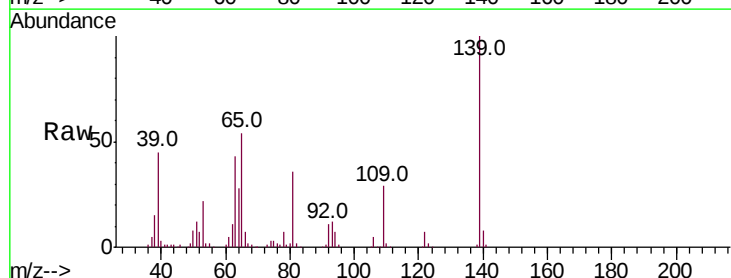
Tgt Ion: 139 Resp: 278753

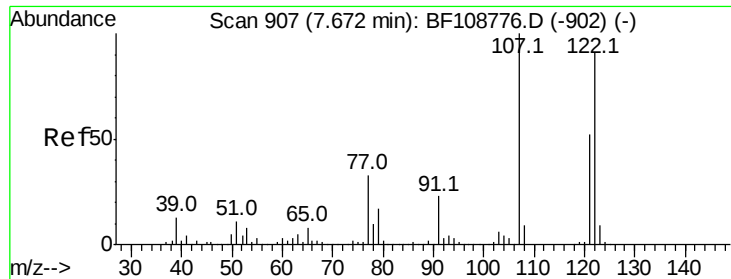
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 53.9 40.5 60.7





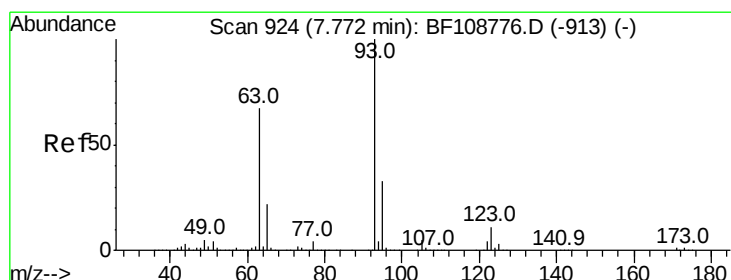
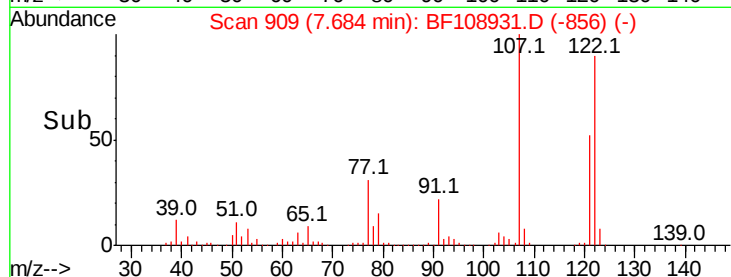
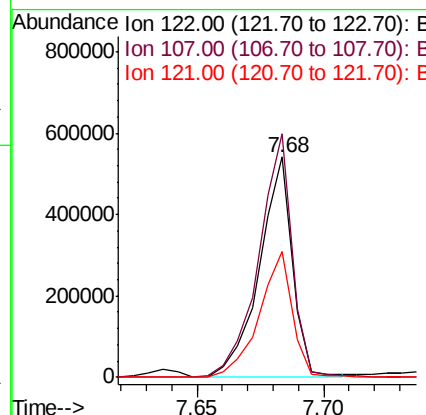
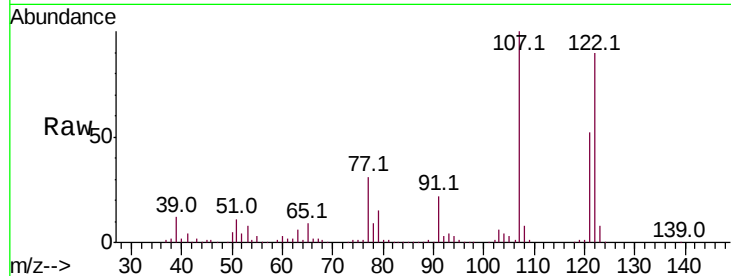
#27
2,4-Dimethylphenol
Concen: 54.713 ng
RT: 7.68 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	493805		
107	110.5	91.2	136.8	
121	56.9	47.2	70.8	

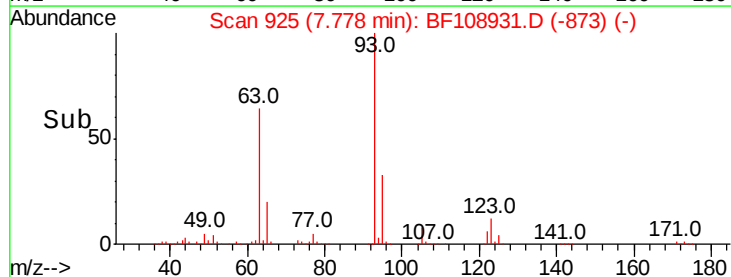
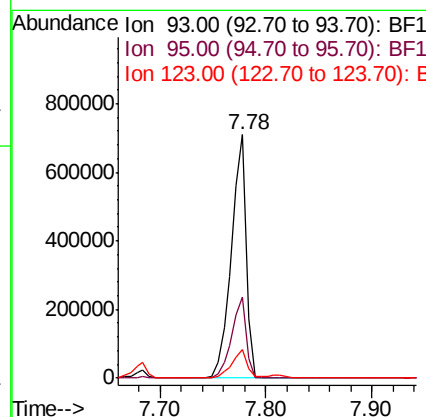
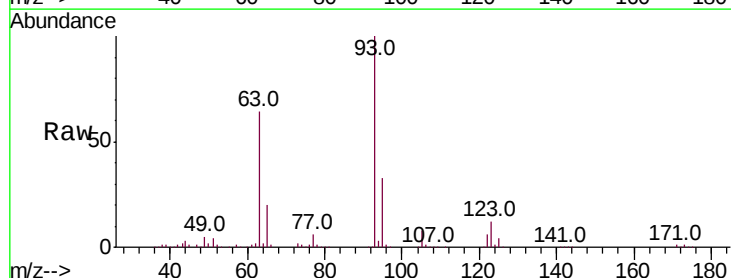
Manual Integrations
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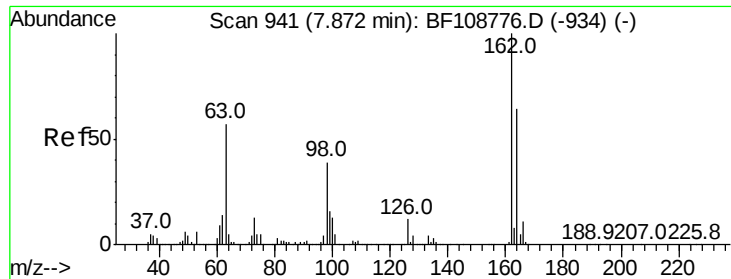
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 48.953 ng
RT: 7.78 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	686397		
95	33.1	26.3	39.5	
123	11.9	9.8	14.6	





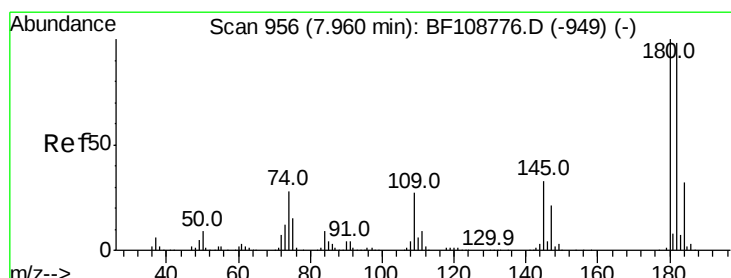
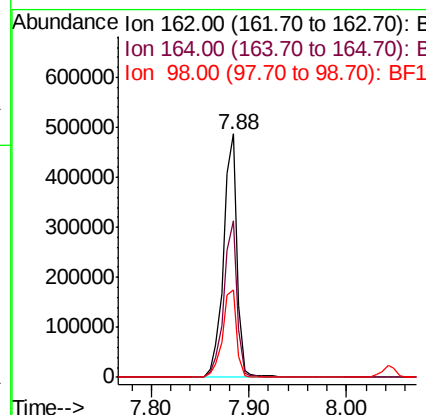
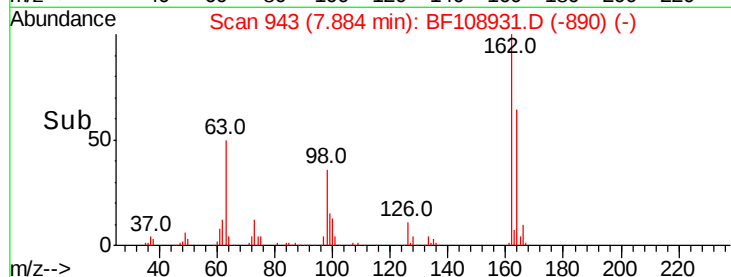
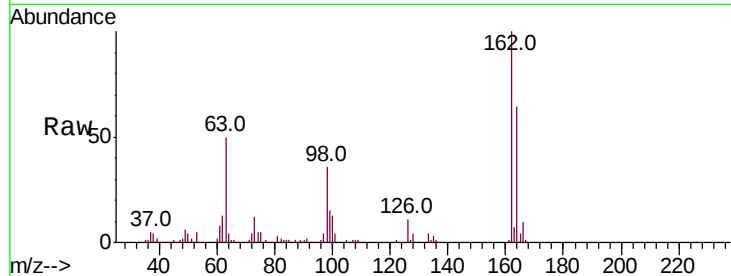
#29
 2,4-Dichlorophenol
 Concen: 50.352 ng
 RT: 7.88 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	468595		
164	64.1	42.7	82.7	
98	35.8	18.1	58.1	

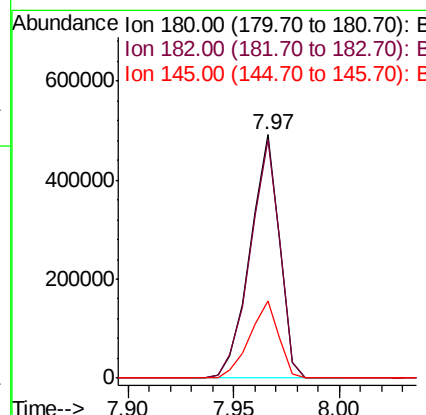
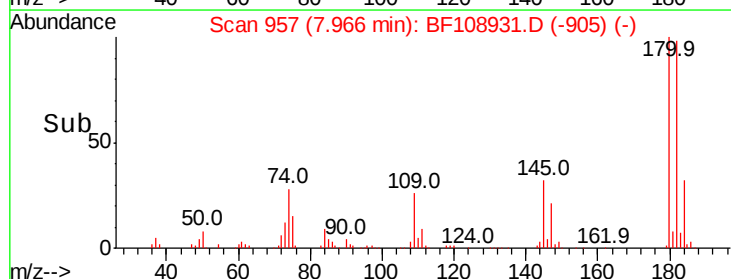
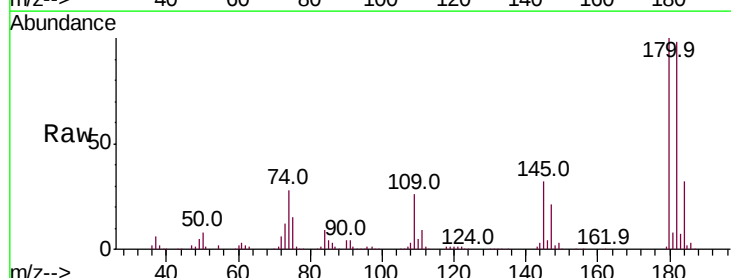
Manual Integrations
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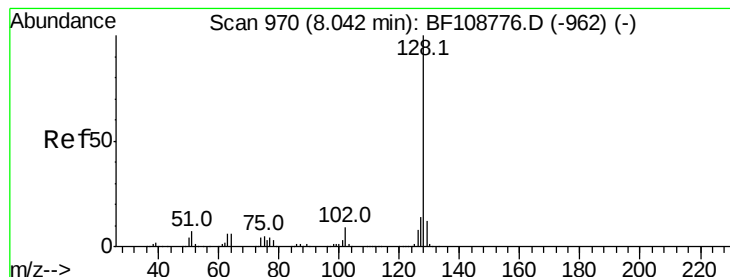
Sohil
 9/12/2018 9:11:46 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.993 ng
 RT: 7.97 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	473957		
182	97.9	76.8	115.2	
145	31.9	26.5	39.7	





#31

Naphthalene

Concen: 51.895 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

PB112743BSD

Tot Ion:128 Resp: 1536234

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

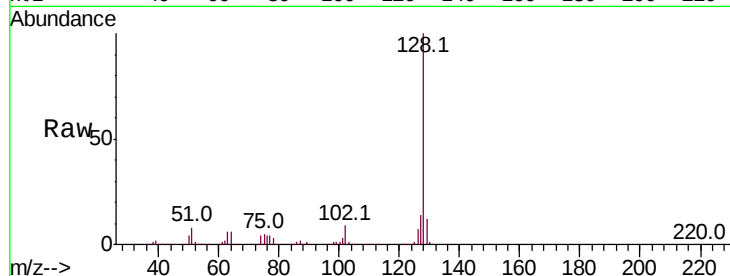
127 13.6 10.9 16.3

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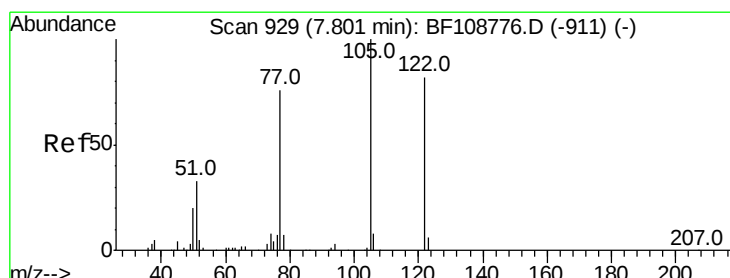
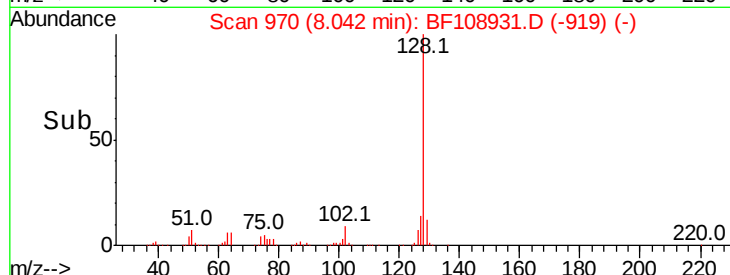
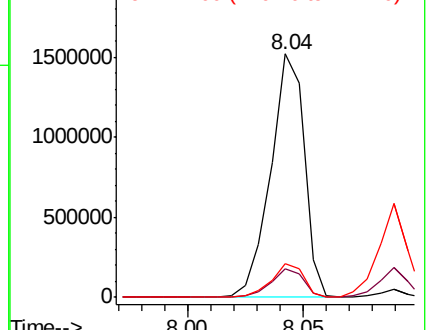


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.655 ng

RT: 7.81 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

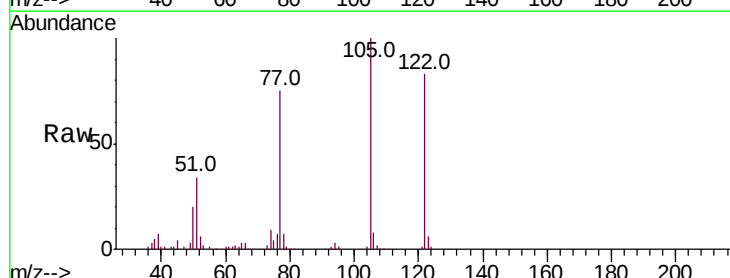
Tgt Ion:122 Resp: 281779

Ion Ratio Lower Upper

122 100

105 120.0 101.1 141.1

77 90.0 70.7 110.7

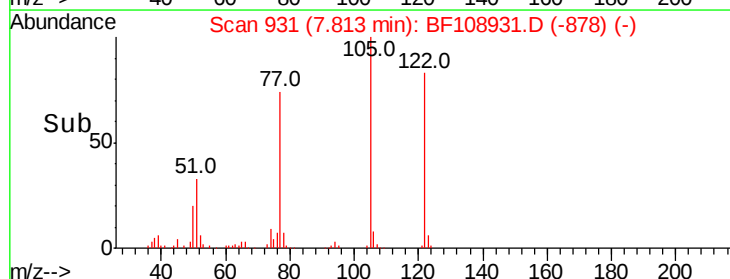
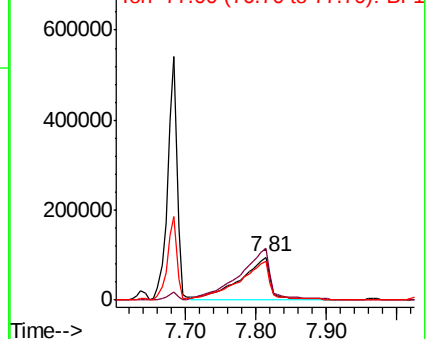


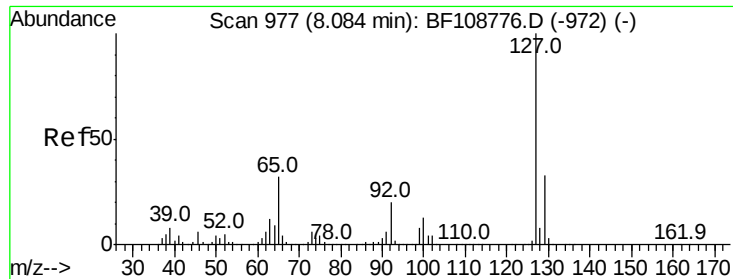
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





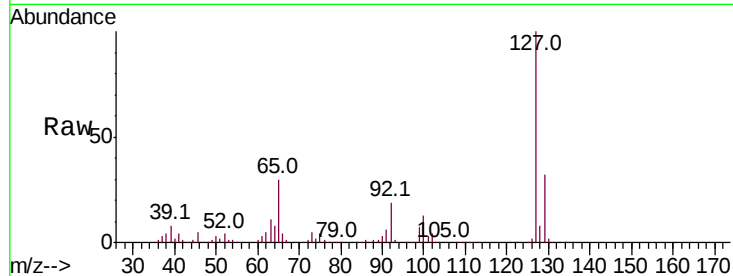
#33
4-Chloroaniline
Concen: 37.543 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	29.9	25.0	37.4	
92	19.1	15.2	22.8	

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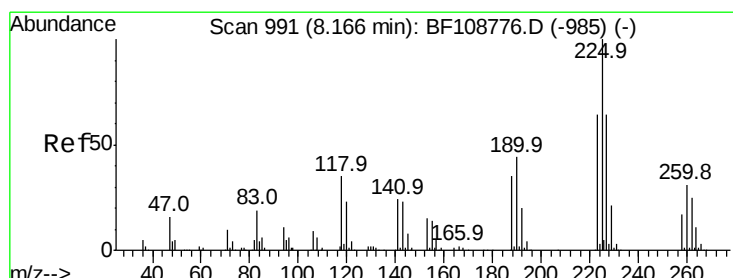
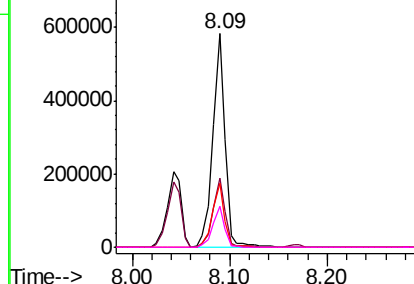
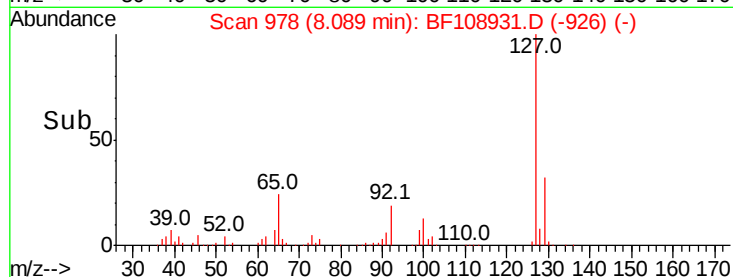
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

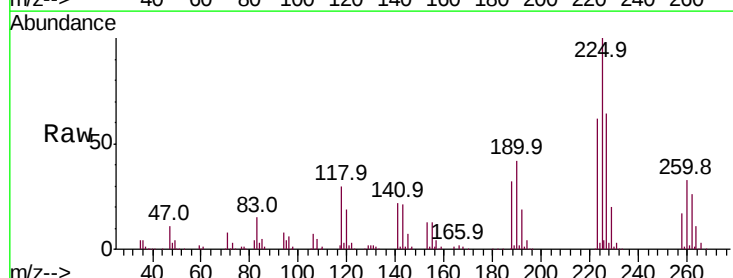
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 46.762 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	50.6	76.0	
227	63.7	51.9	77.9	

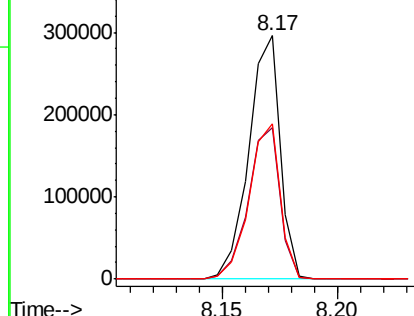
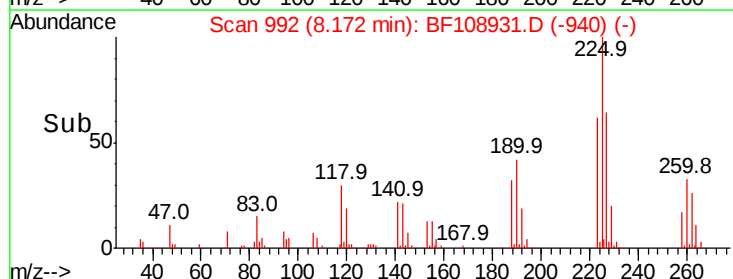


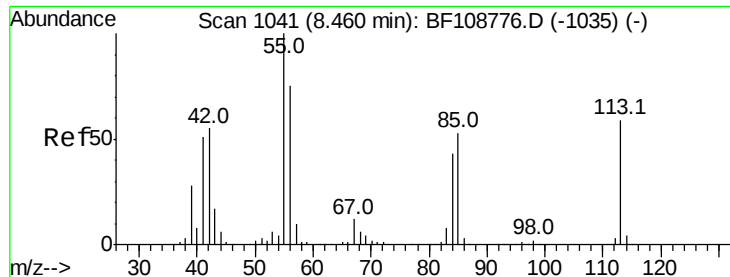
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





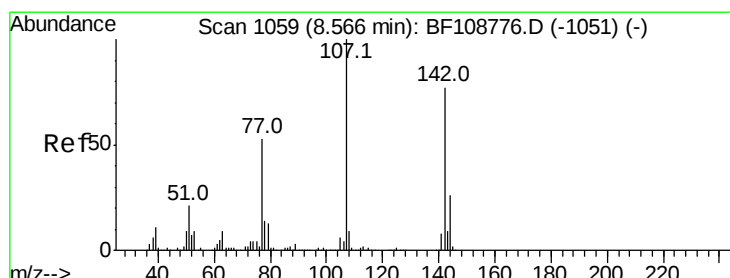
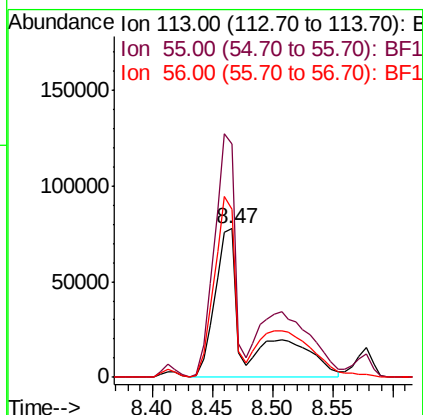
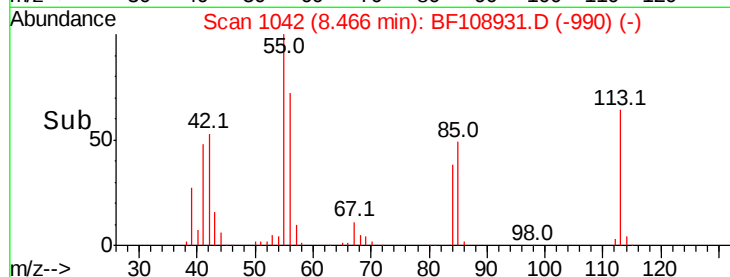
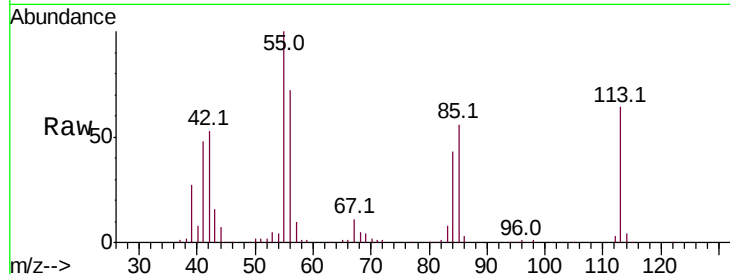
#35
Caprolactam
Concen: 48.942 ng/ml
RT: 8.47 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.9	163.3	203.3#
56	112.9	115.7	155.7#

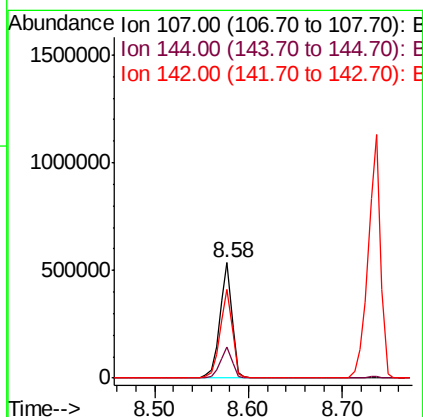
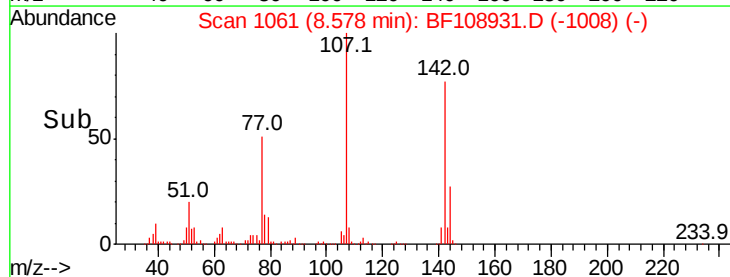
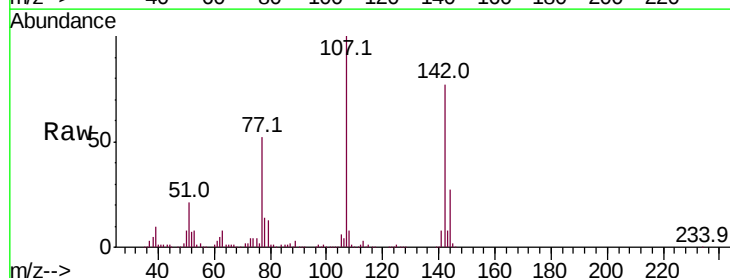
Manual Integrations
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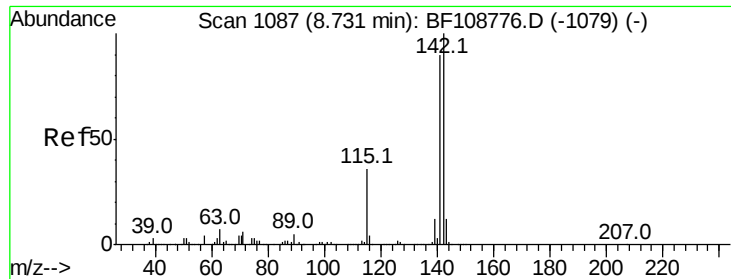
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#36
4-Chloro-3-methylphenol
Concen: 48.757 ng
RT: 8.58 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	76.8	62.0	93.0





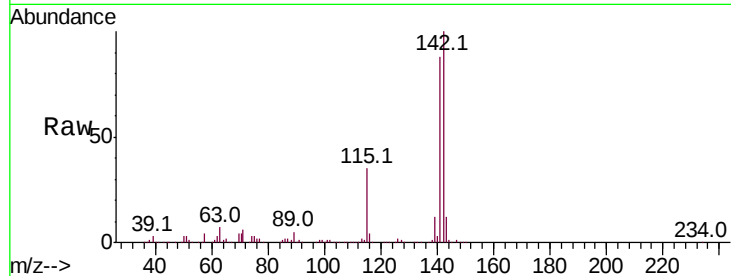
#37
2-Methylnaphthalene
Concen: 52.758 ng
RT: 8.74 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	35.0	26.1	39.1

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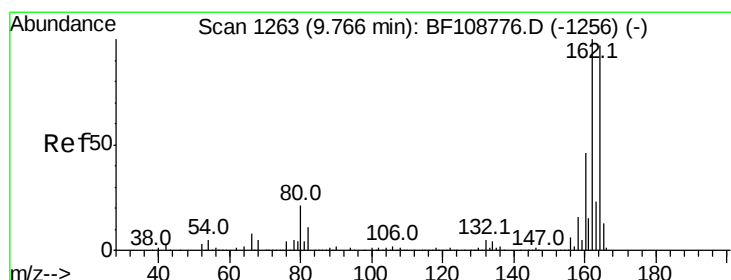
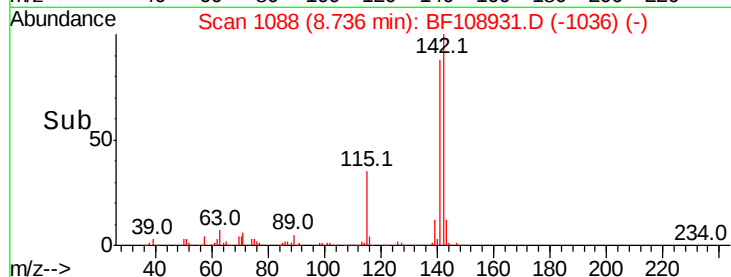
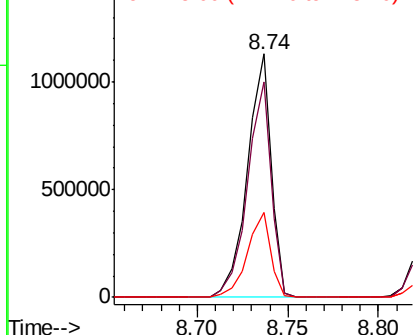


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

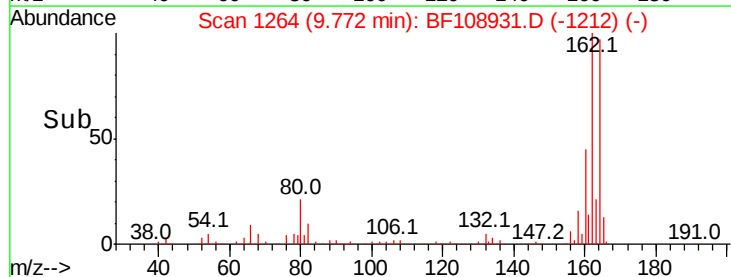
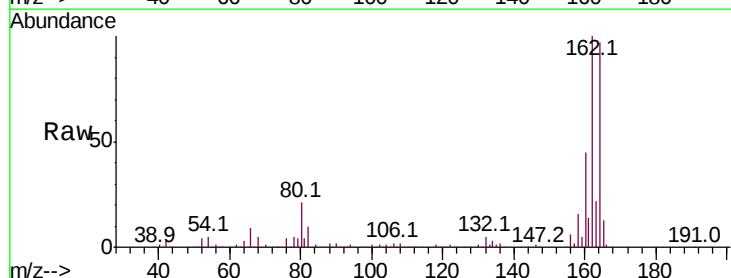
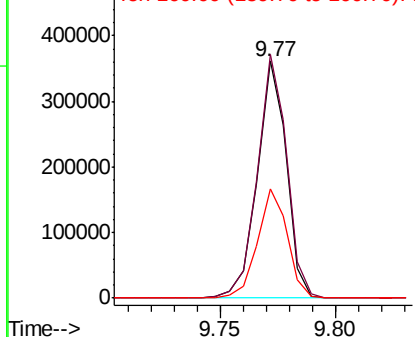
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.2	38.3	57.5

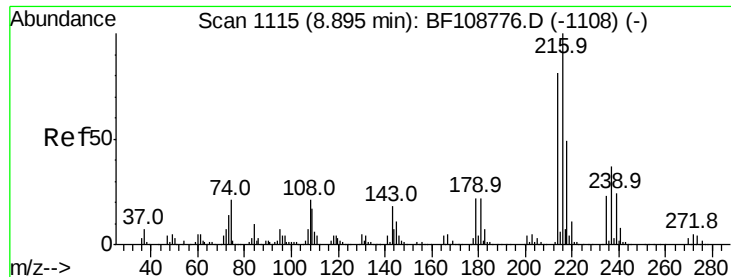
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





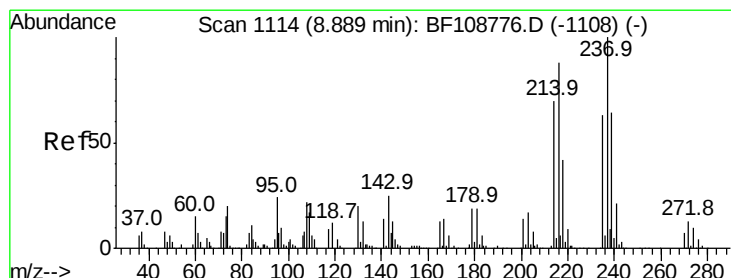
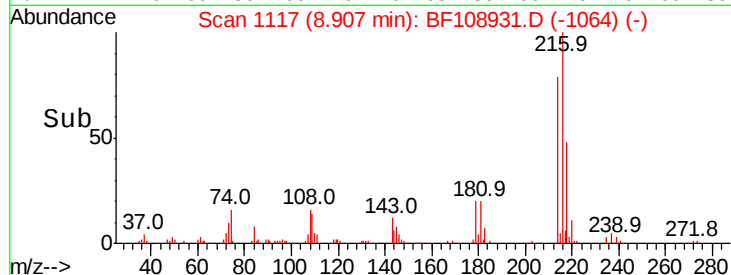
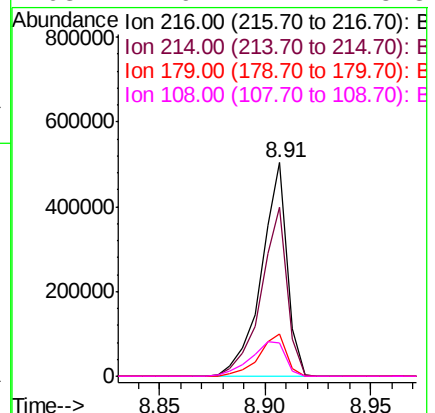
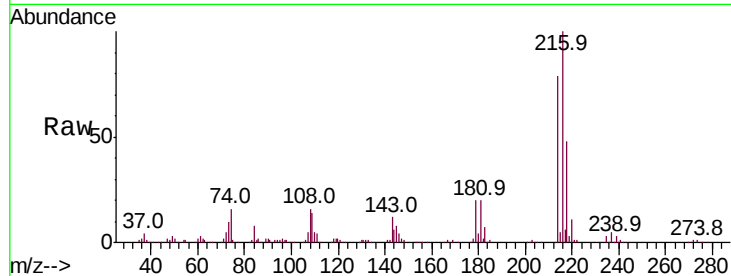
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.250 ng
 RT: 8.91 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.9	18.1	27.1
108	21.9	17.2	25.8

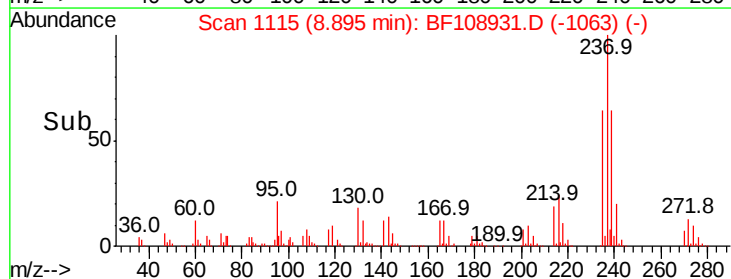
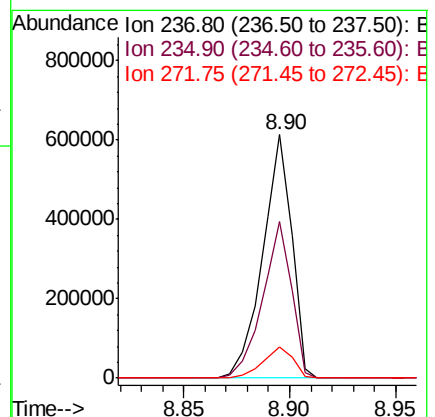
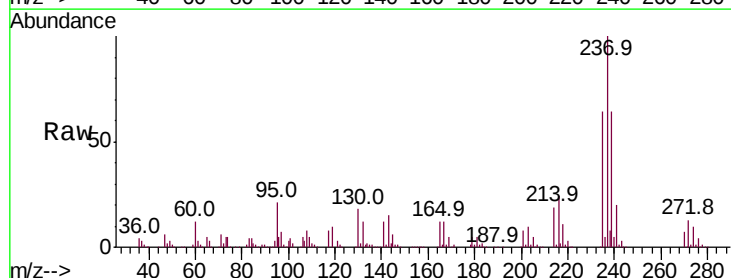
Manual Integrations
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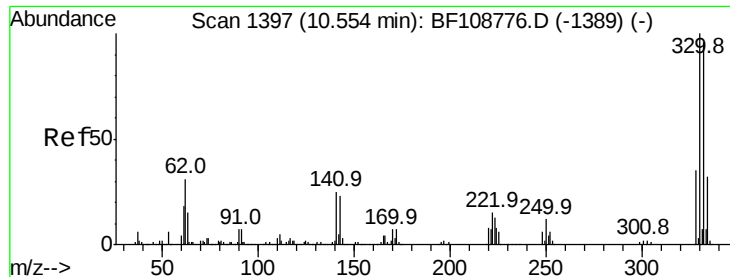
Sohil
 9/12/2018 9:11:46 AM



#40
 Hexachlorocyclopentadiene
 Concen: 123.085 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.8	84.8
272	12.9	0.0	33.3





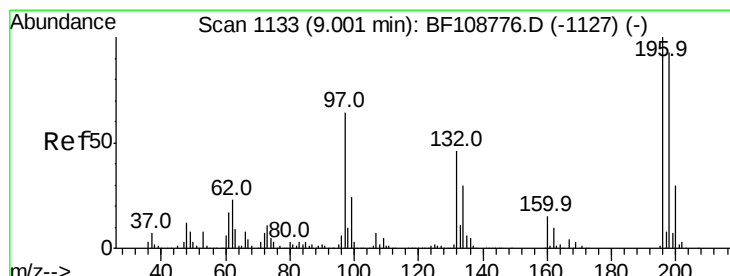
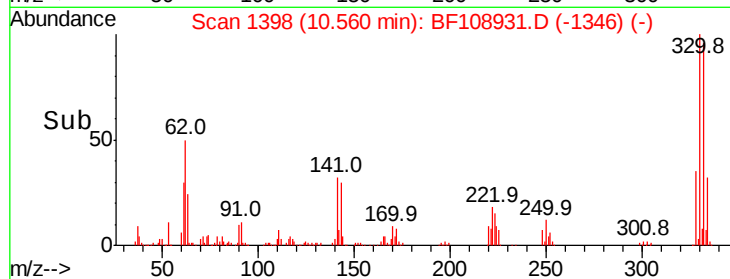
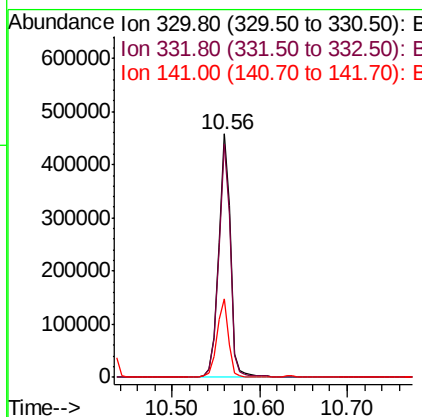
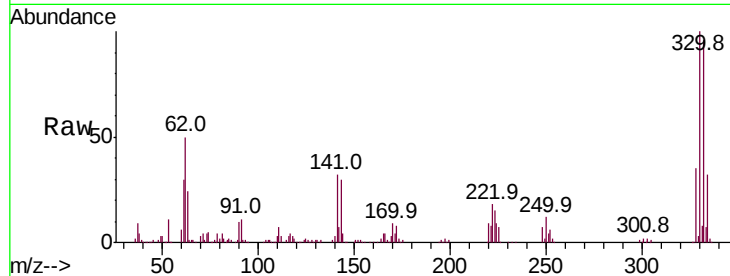
#41
 2,4,6-Tribromophenol
 Concen: 142.000 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	31.6	29.9	44.9	

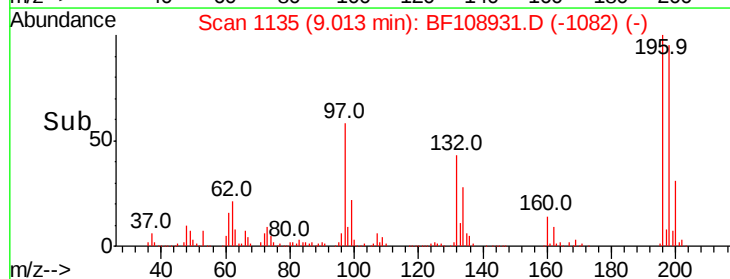
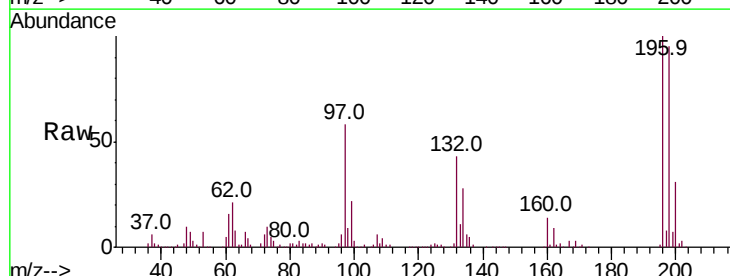
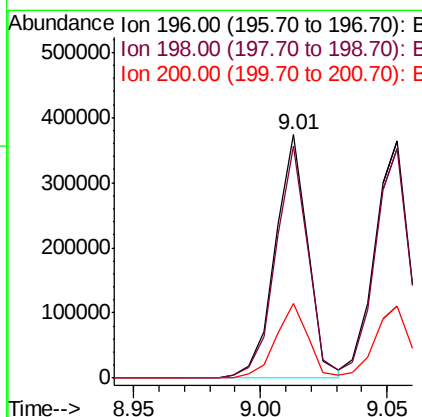
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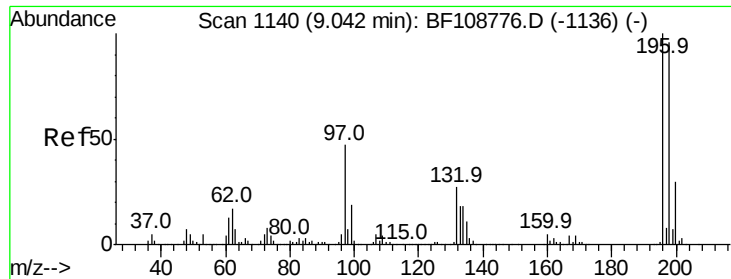
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#42
 2,4,6-Trichlorophenol
 Concen: 51.287 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	75.7	113.5	
200	30.9	24.5	36.7	





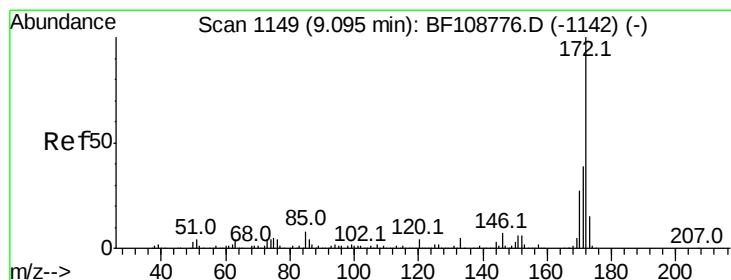
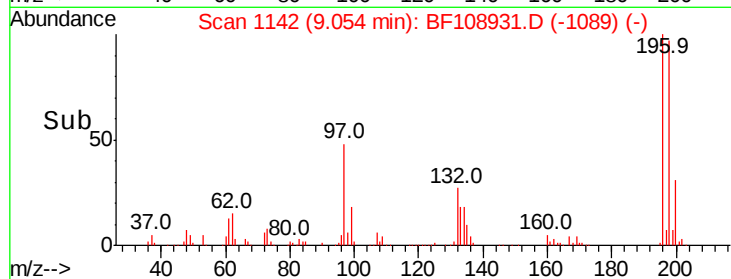
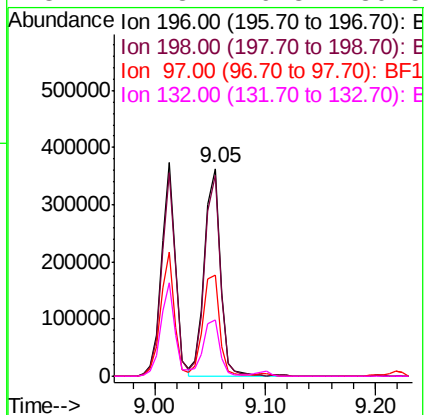
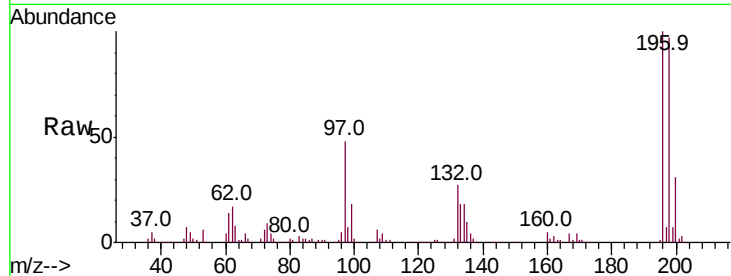
#43
 2,4,5-Trichlorophenol
 Concen: 52.651 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion:	196	Resp:	353033
Ion Ratio	Lower	Upper	
196	100		
198	96.7	74.6	112.0
97	48.4	42.9	64.3
132	27.3	26.3	39.5

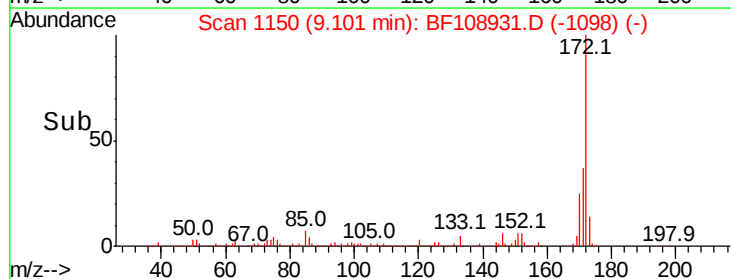
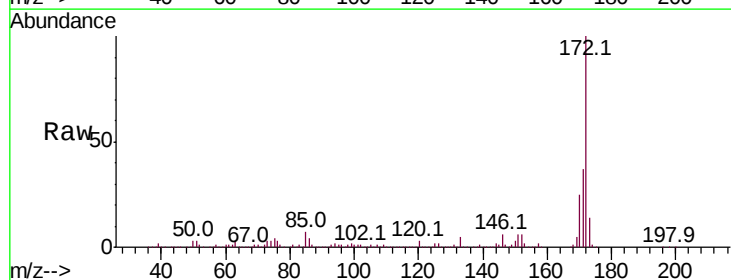
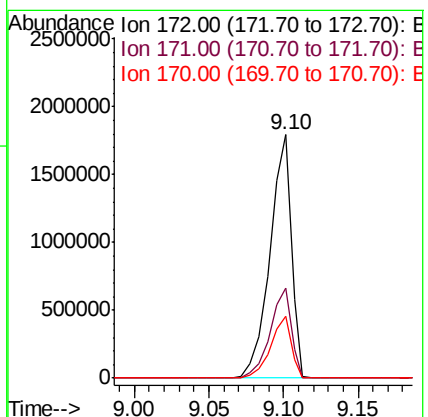
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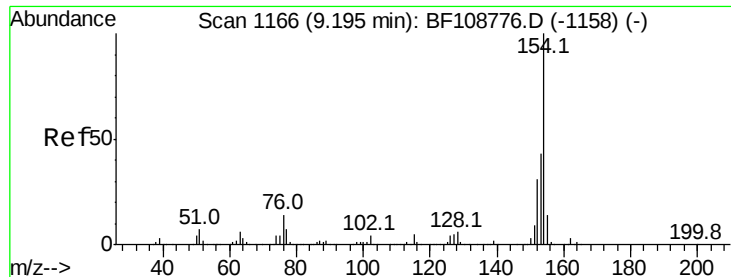
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 95.303 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:	172	Resp:	1774780
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.7	44.5
170	25.5	19.6	29.4





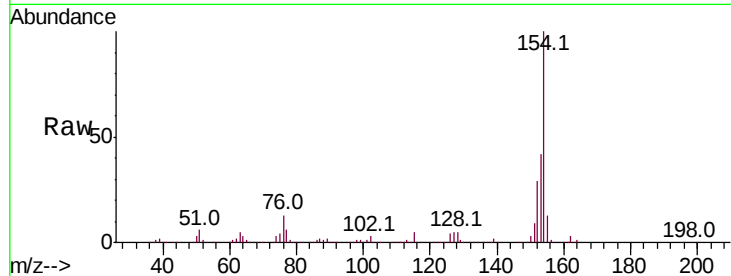
#45
 1,1'-Biphenyl
 Concen: 48.307 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	12.8	0.0	34.0

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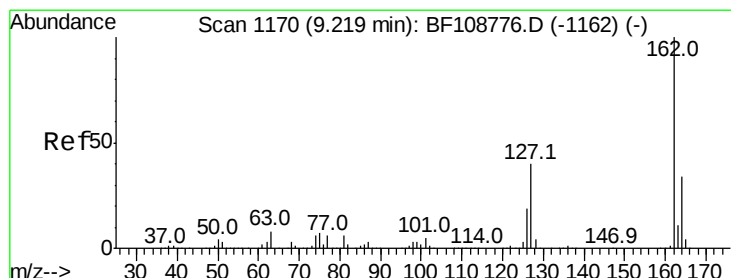
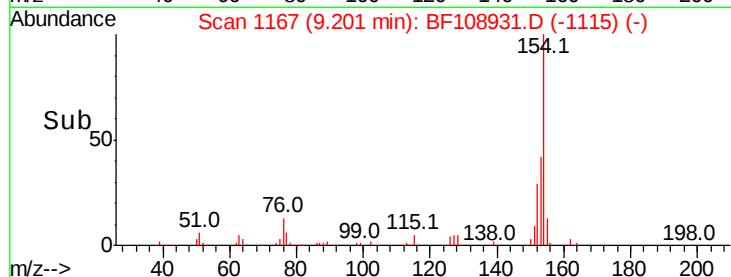
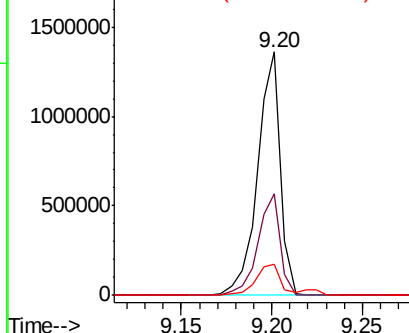


Abundance

Ion 154.00 (153.70 to 154.70): E

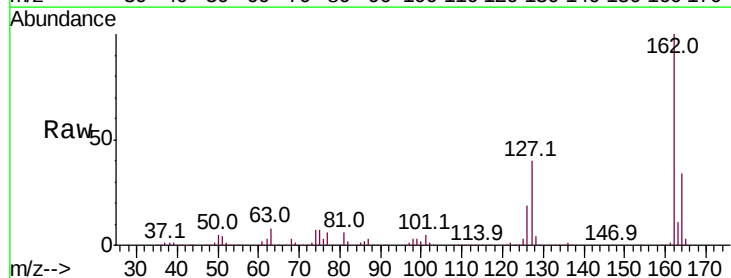
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 47.867 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.7	26.5	39.7

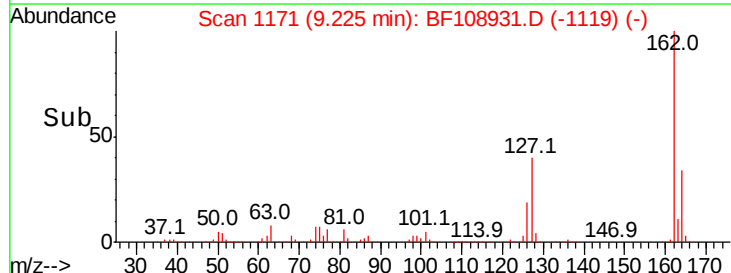
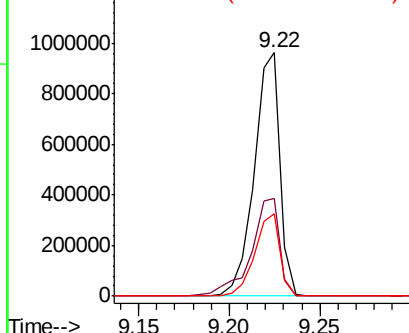


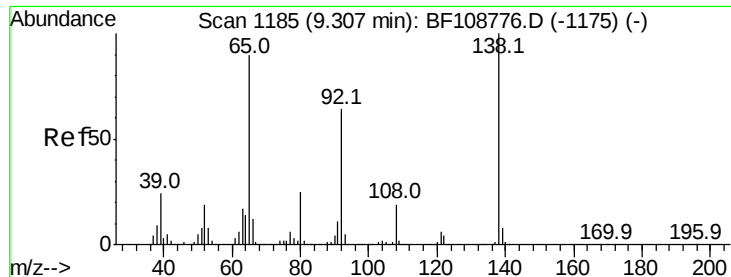
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





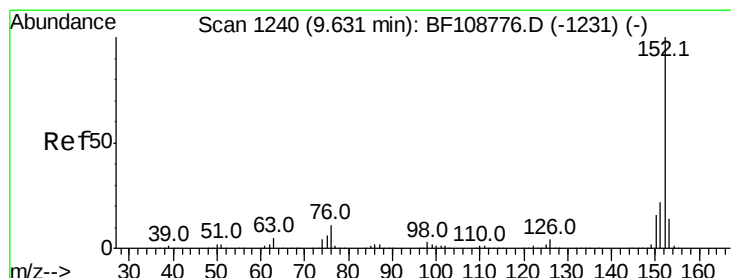
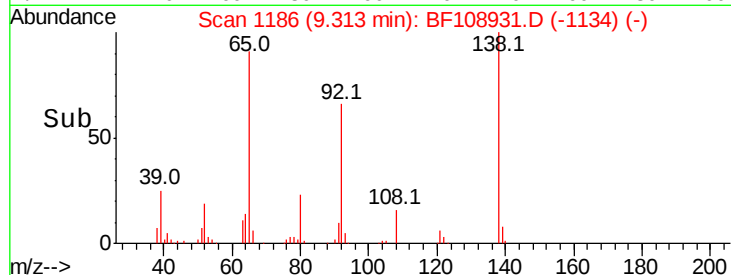
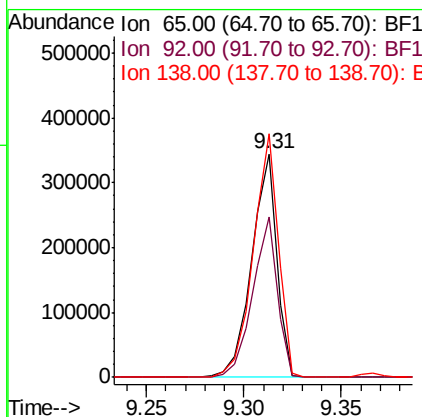
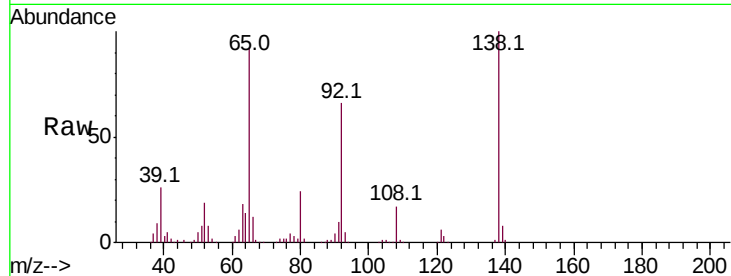
#47
2-Nitroaniline
Concen: 57.010 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.6	55.8	83.6
138	108.8	91.2	136.8

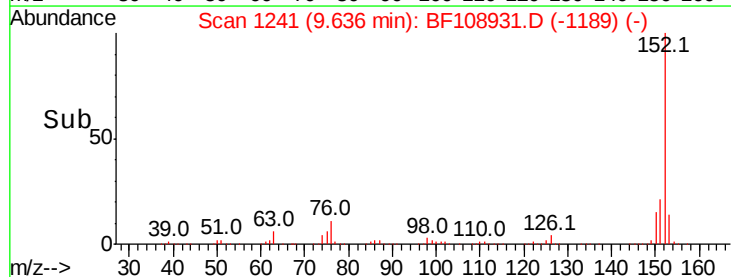
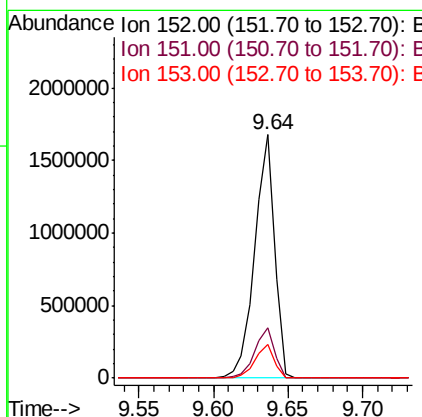
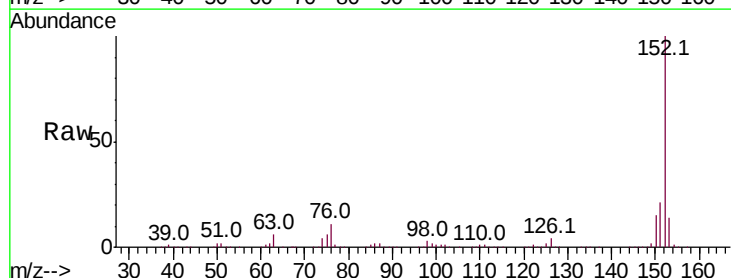
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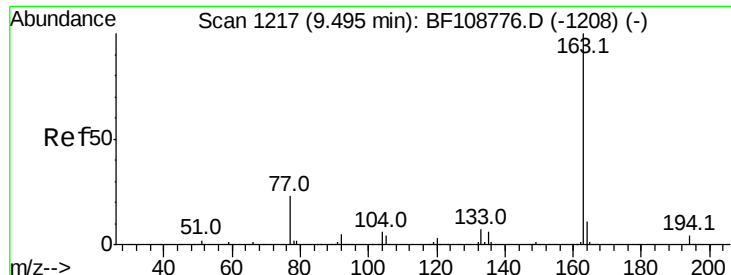
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#48
Acenaphthylene
Concen: 51.821 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.7	10.7	16.1





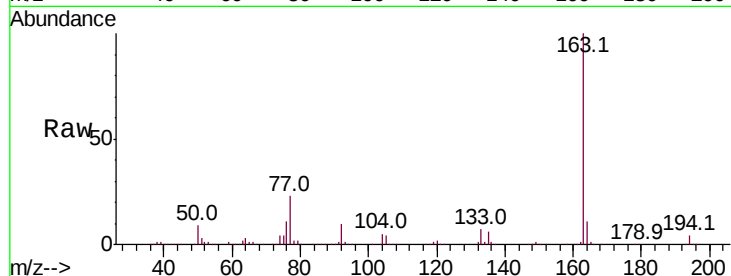
#49
Dimethylphthalate
Concen: 49.434 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

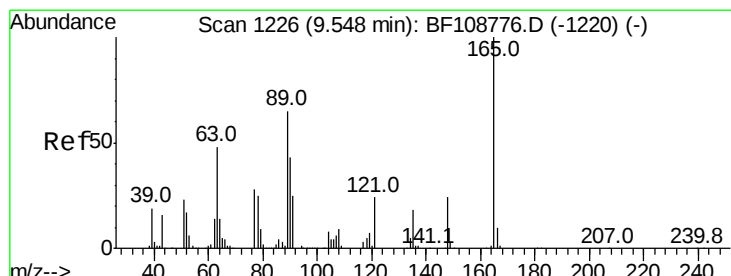
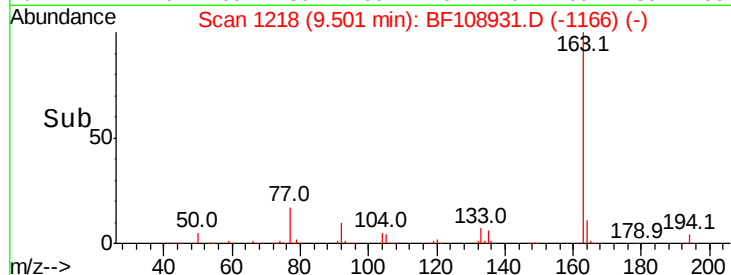
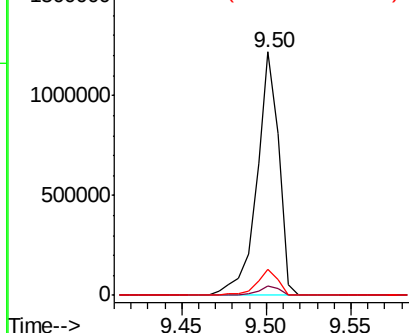
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.8	8.2	12.2

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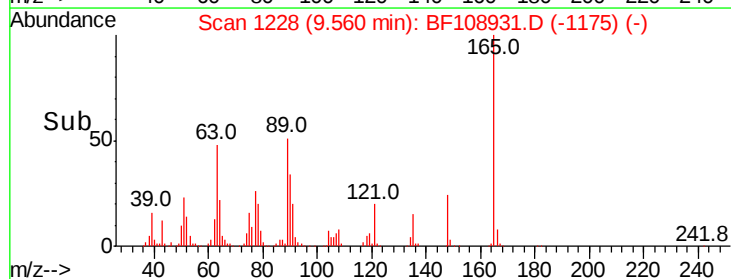
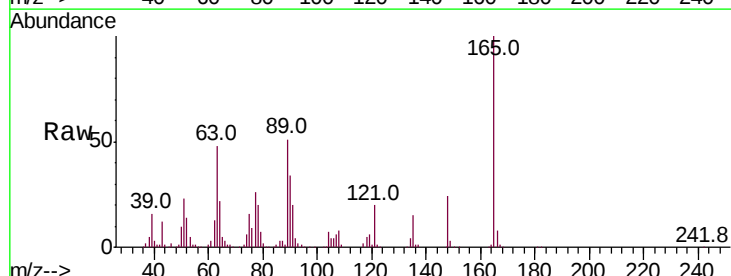
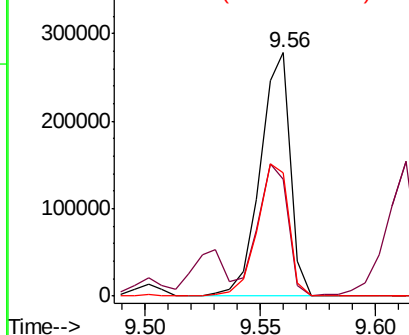
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

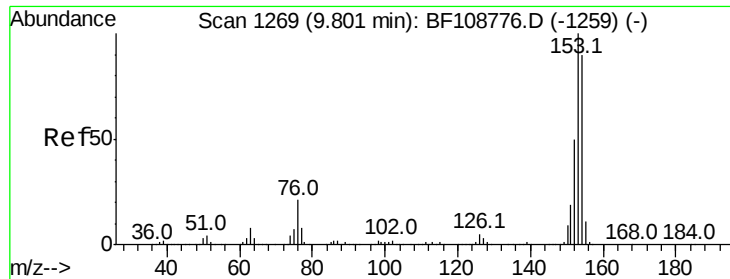


#50
2,6-Dinitrotoluene
Concen: 59.686 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	44.7	67.1
89	50.6	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





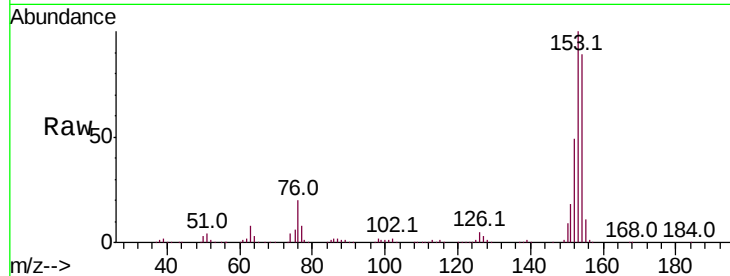
#51
Acenaphthene
Concen: 49.857 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.2	136.8
152	55.2	43.8	65.8

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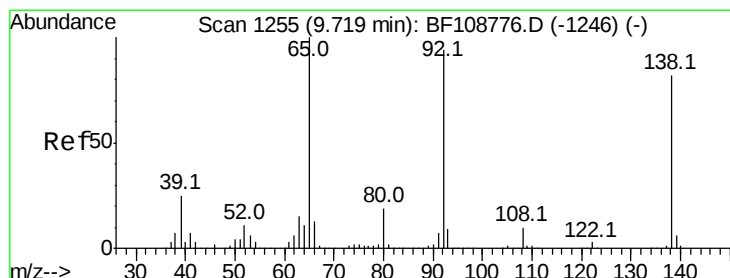
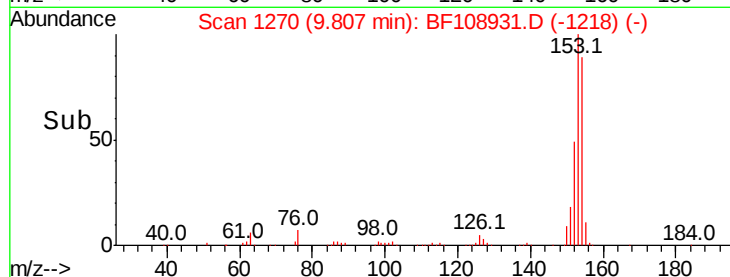
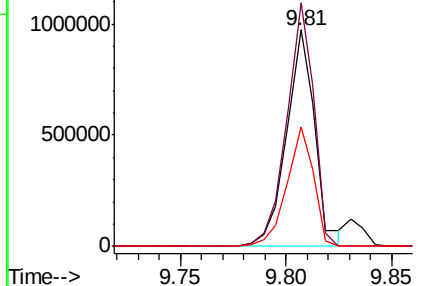


Abundance

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: 45.423 ng
RT: 9.72 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

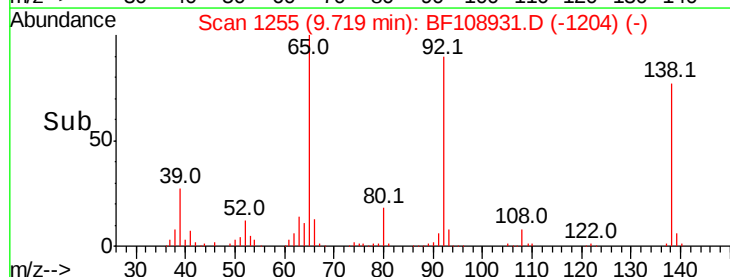
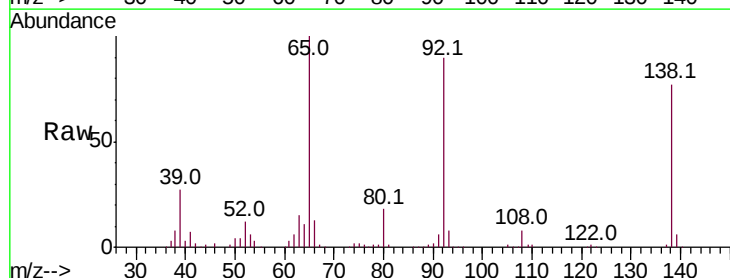
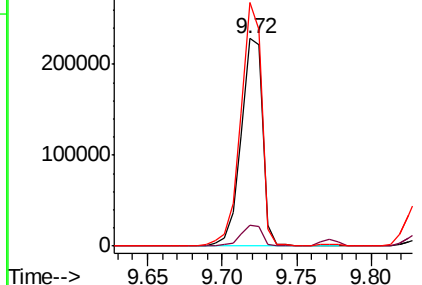
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	117.2	89.4	134.2

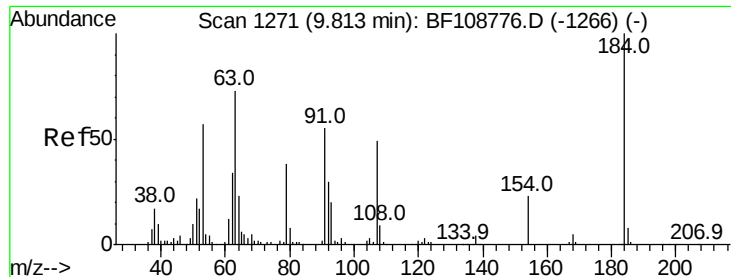
Abundance

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





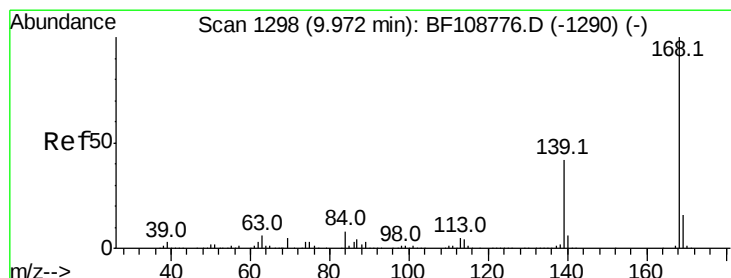
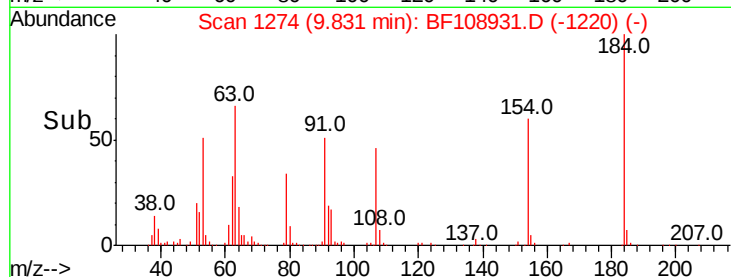
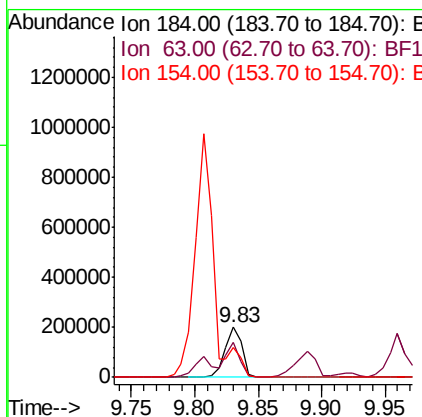
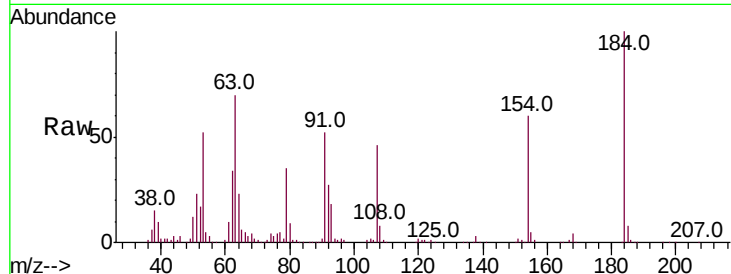
#53
2,4-Dinitrophenol
Concen: 116.395 ng
RT: 9.83 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.9	54.2	81.2	
154	60.3	184.0	276.0	

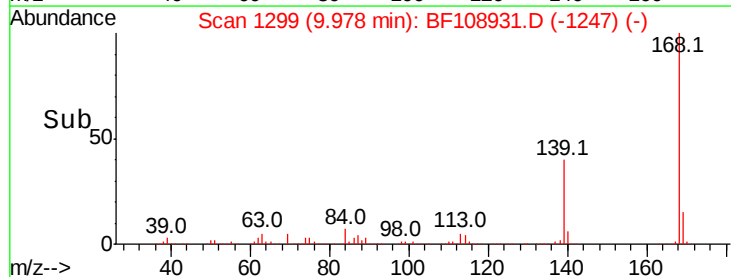
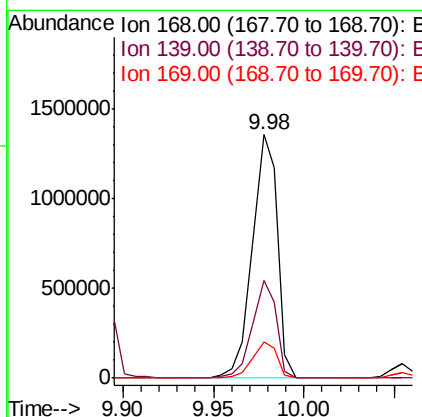
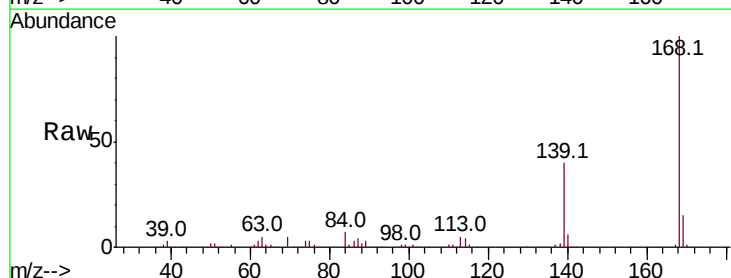
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#54
Dibenzofuran
Concen: 48.828 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	30.1	45.1	
169	15.0	10.9	16.3	





#55

4-Nitrophenol

Concen: 117.090 ng

RT: 9.89 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

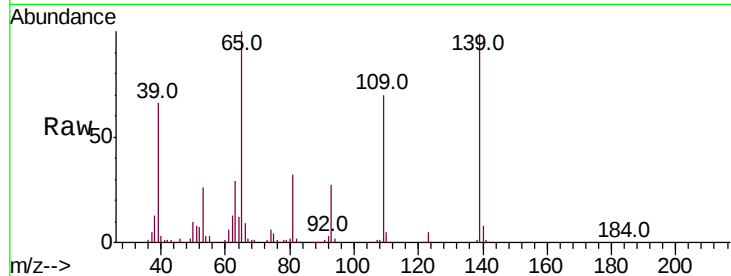
ClientSampleId :

PB112743BSD

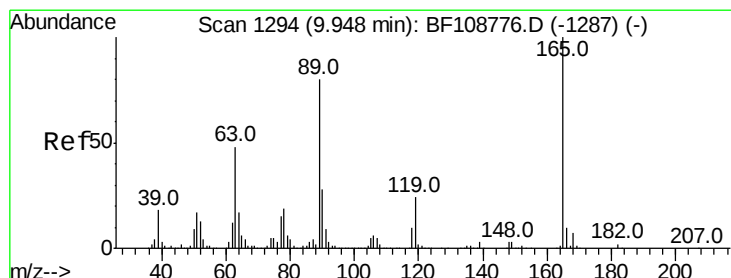
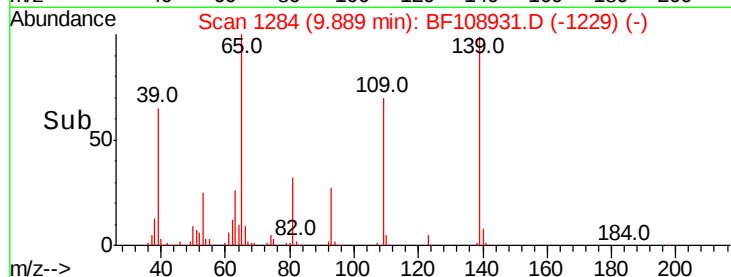
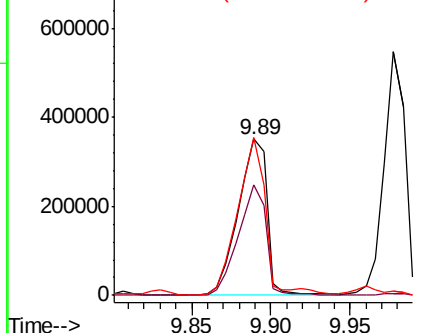
Tot Ion:	139	Resp:	441191
Ion Ratio	Lower	Upper	
139	100		
109	70.5	48.4	88.4
65	101.1	72.6	112.6

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



#56

2,4-Dinitrotoluene

Concen: 62.249 ng

RT: 9.96 min Scan# 1296

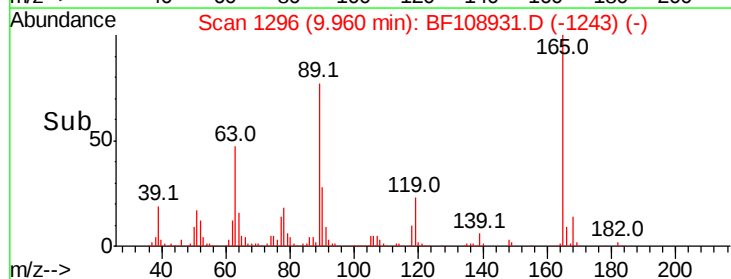
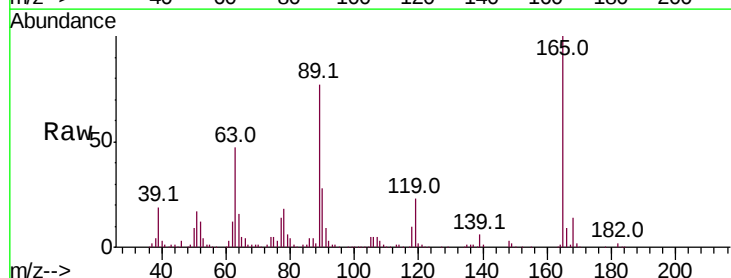
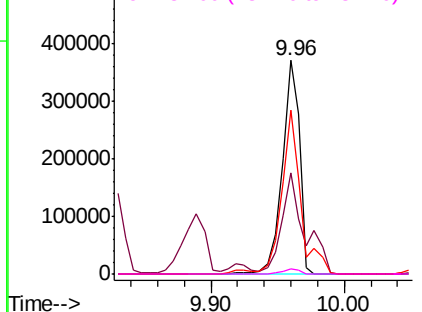
Delta R.T. 0.01 min

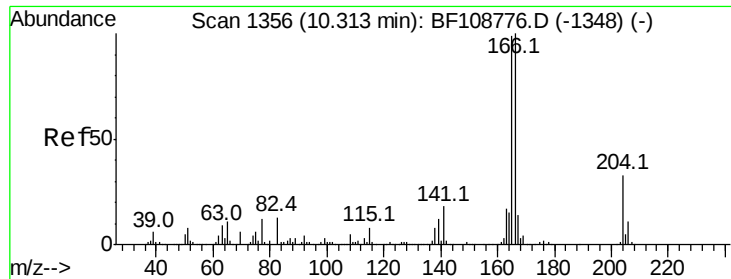
Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion:	165	Resp:	337070
Ion Ratio	Lower	Upper	
165	100		
63	47.1	36.4	54.6
89	76.7	57.8	86.6
182	2.4	1.6	2.4#

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
Ion 182.00 (181.70 to 182.70): E





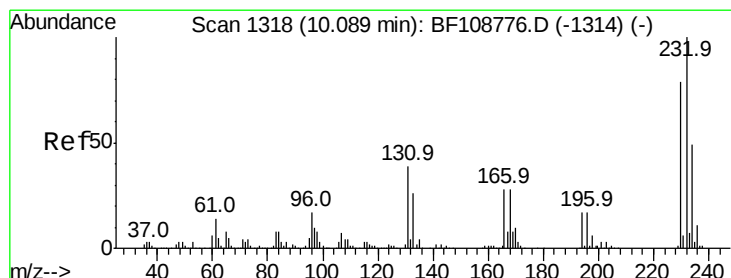
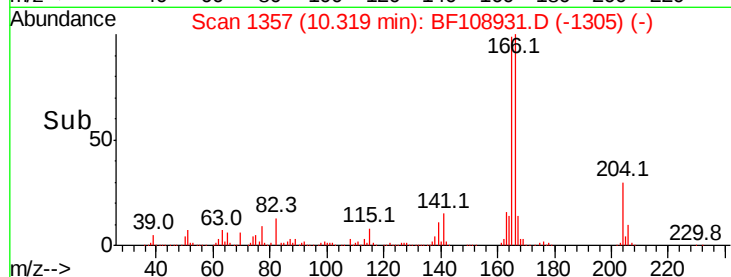
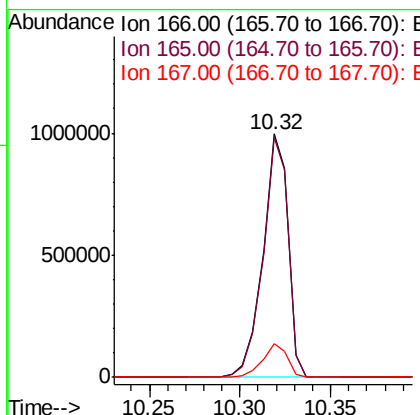
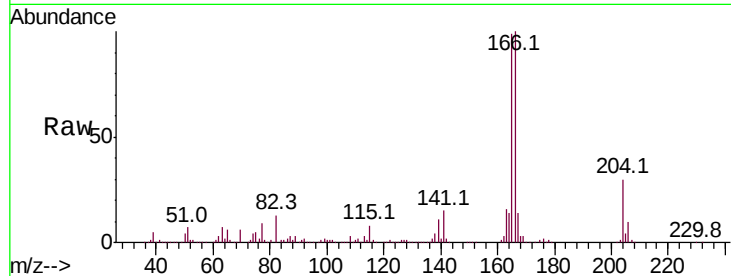
#57
 Fluorene
 Concen: 56.114 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampled :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	79.8	119.8	
167	13.9	10.6	16.0	

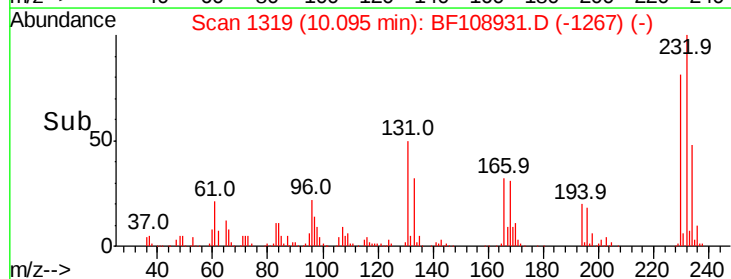
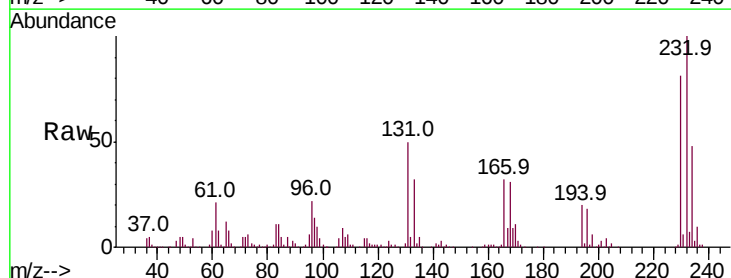
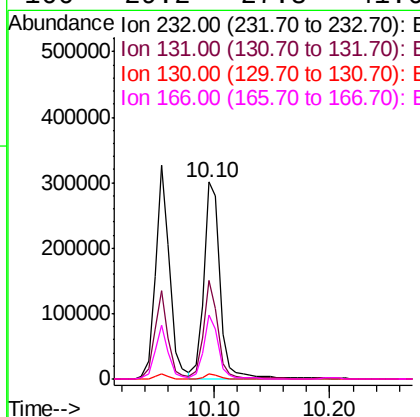
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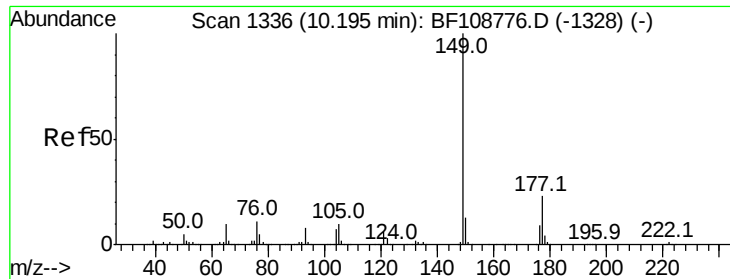
Sohil
 9/12/2018 9:11:46 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.781 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.8	43.8	65.8	
130	2.2	2.1	3.1	
166	29.2	27.8	41.6	





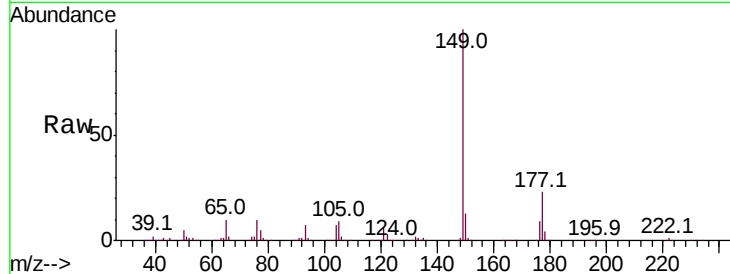
#59
Diethylphthalate
Concen: 48.231 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.1	24.1
150	12.6	10.1	15.1

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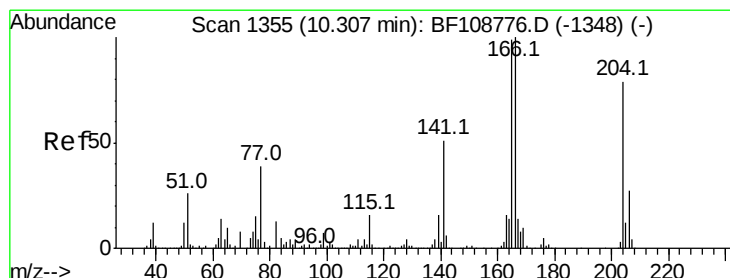
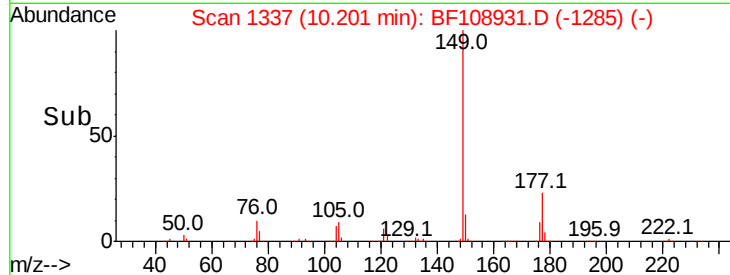
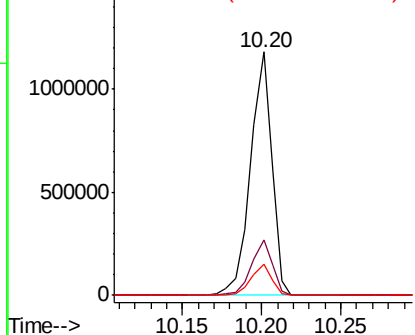


Abundance

Ion 149.00 (148.70 to 149.70): E

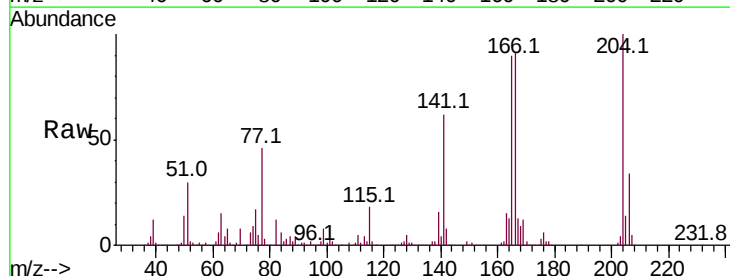
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 50.303 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	62.2	54.6	81.8

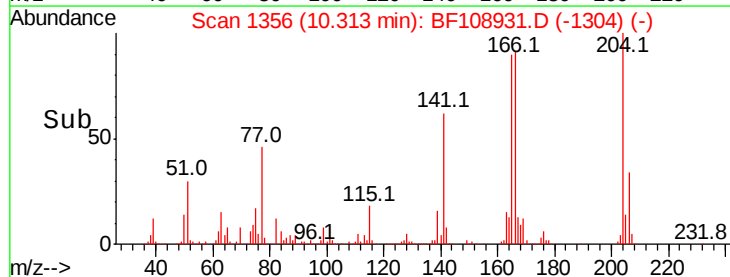
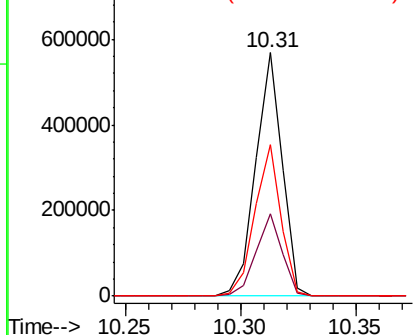


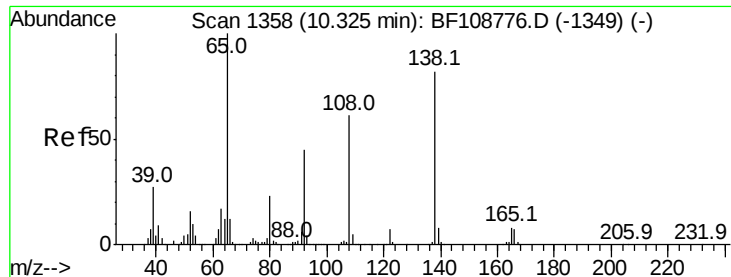
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





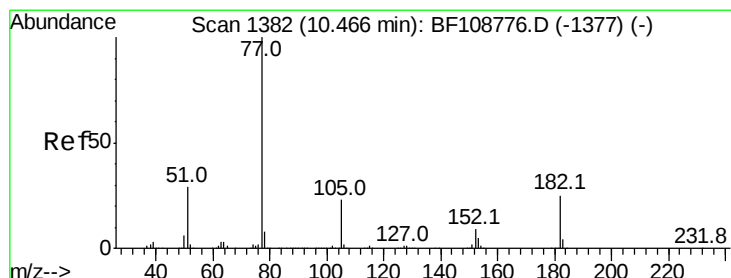
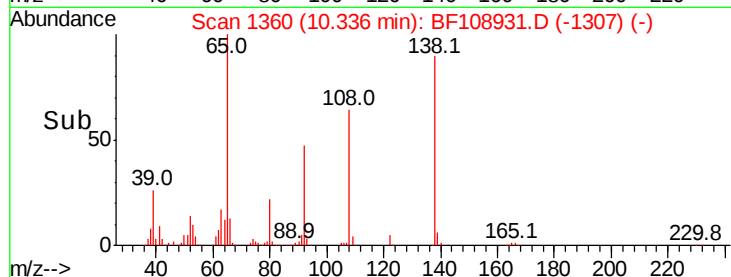
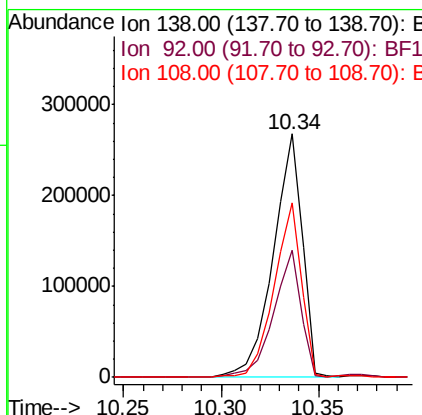
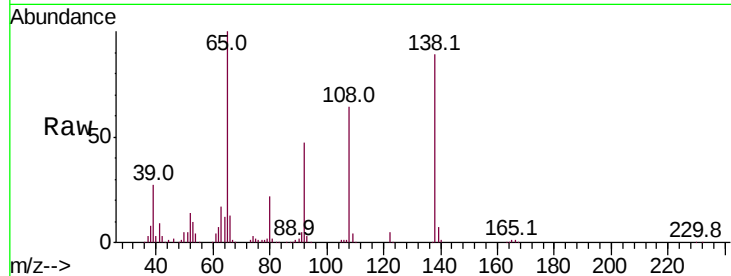
#61
4-Nitroaniline
Concen: 60.542 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	30.2	70.2
108	71.4	52.5	92.5

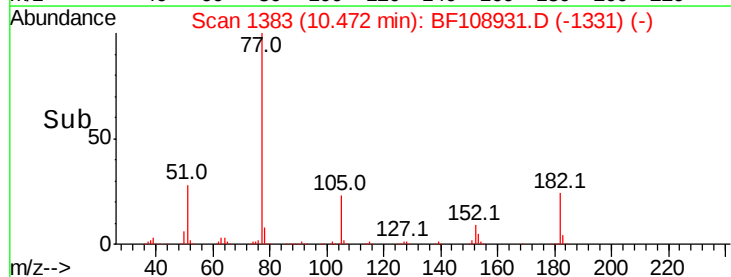
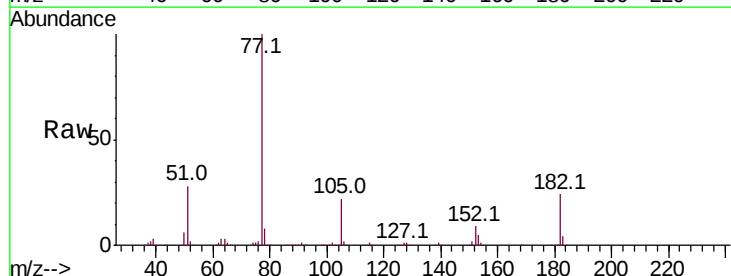
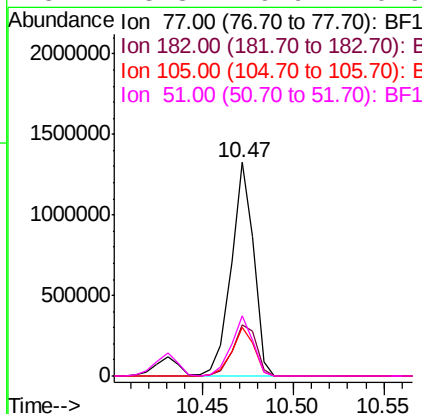
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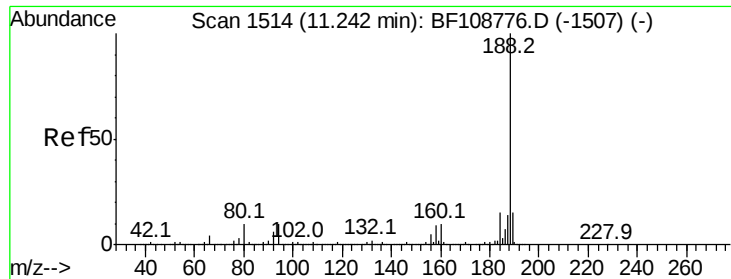
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#62
Azobenzene
Concen: 48.277 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.7	41.7
105	22.5	3.0	43.0
51	28.3	9.9	49.9





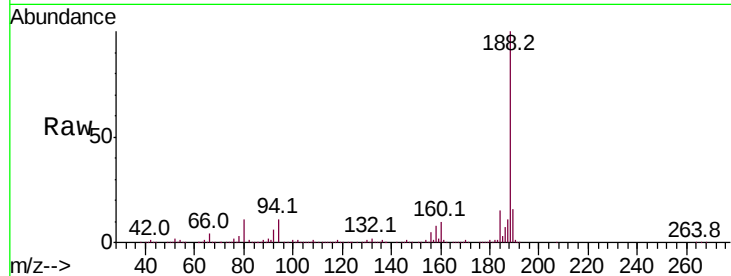
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

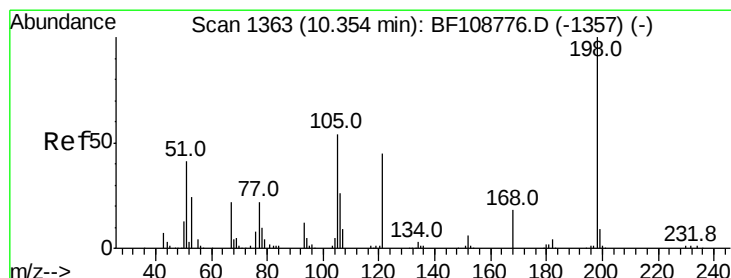
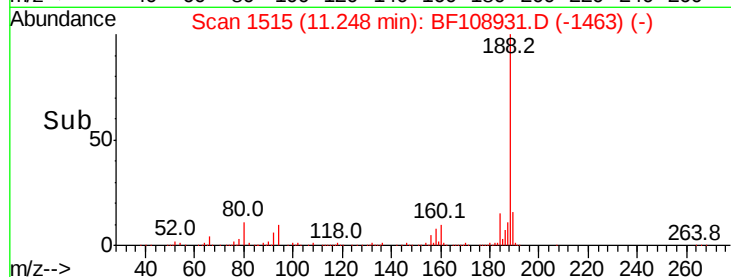
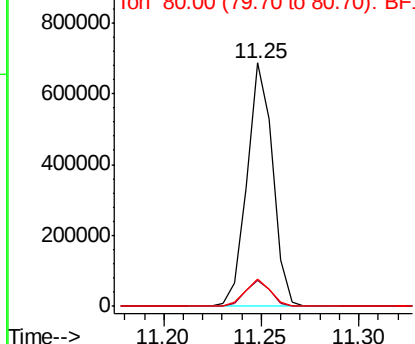
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	8.5	12.7	
80	11.2	9.2	13.8	

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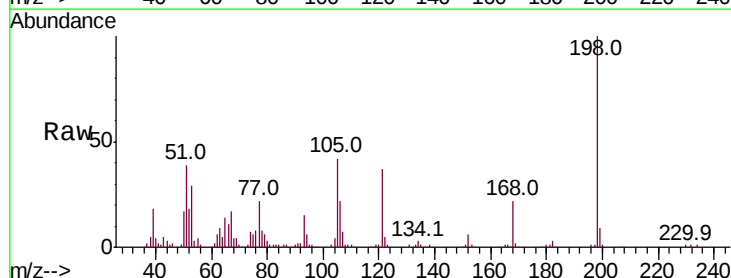


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

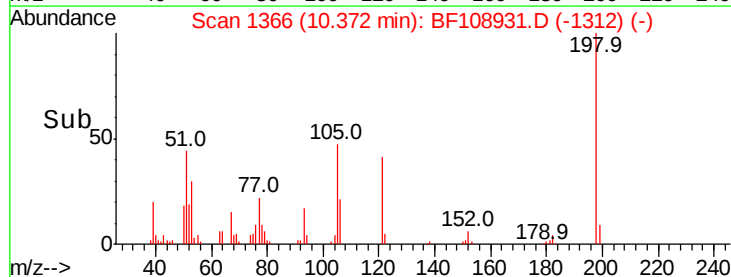
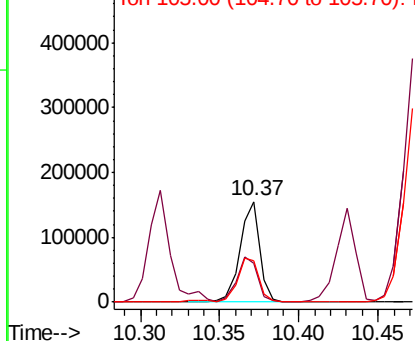


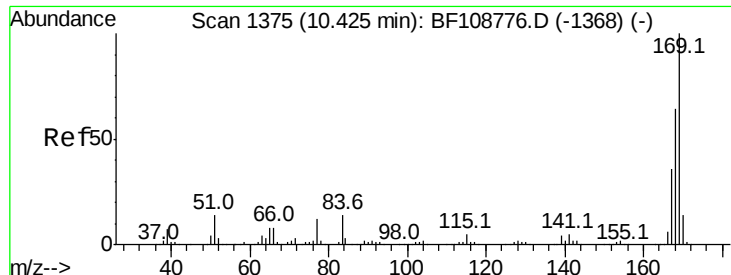
#64
4,6-Dinitro-2-methylphenol
Concen: 53.397 ng
RT: 10.37 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	38.7	37.7	77.7	
105	41.8	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





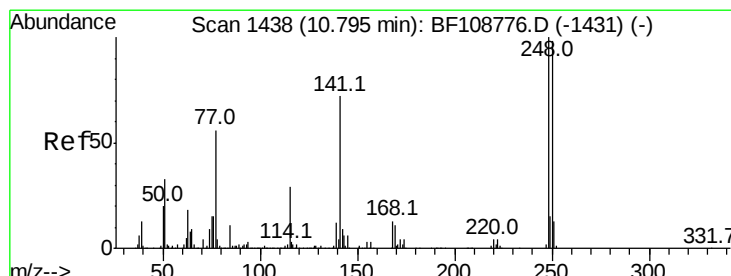
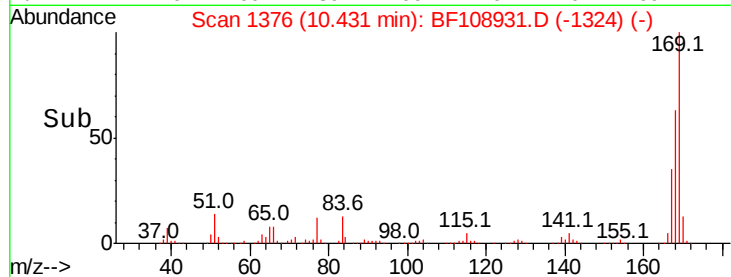
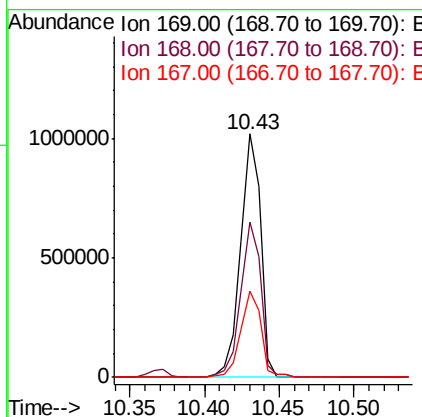
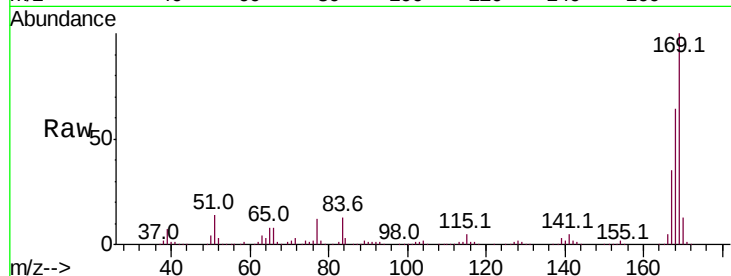
#65
 n-Nitrosodiphenylamine
 Concen: 46.089 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.6	54.4	81.6	
167	35.4	29.8	44.6	

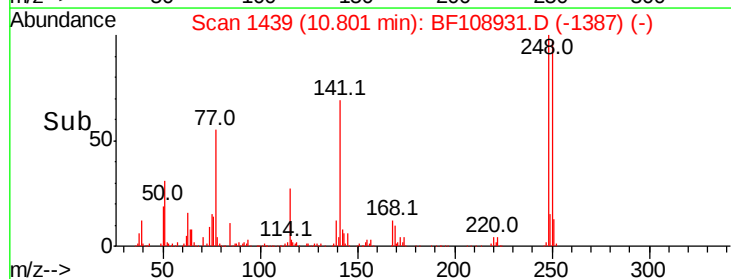
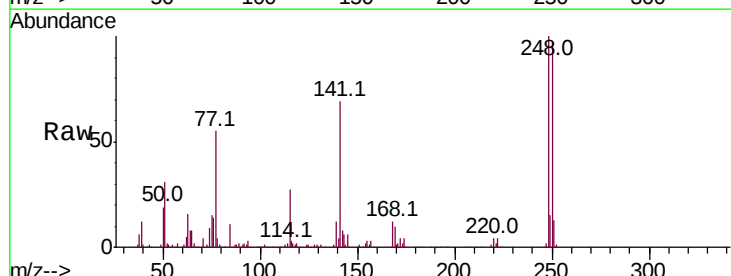
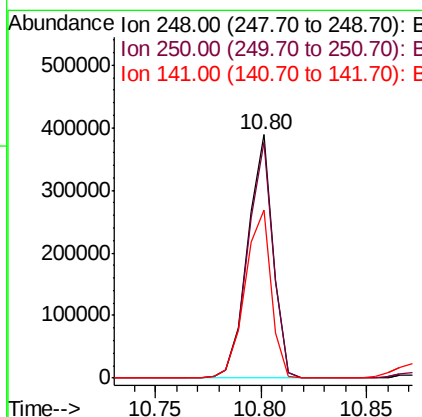
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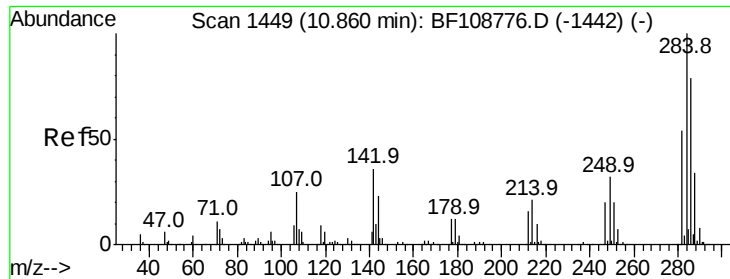
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#66
 4-Bromophenyl-phenylether
 Concen: 46.050 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.7	76.9	115.3	
141	69.1	74.4	111.6	





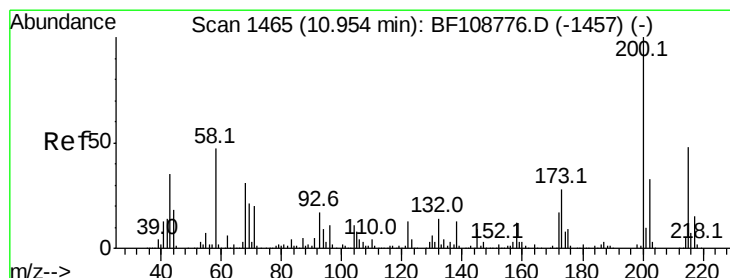
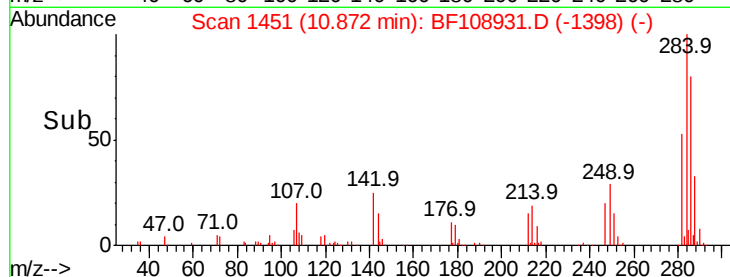
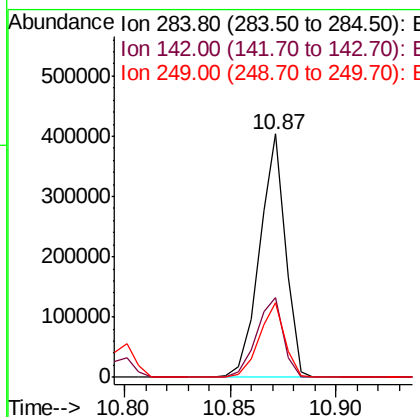
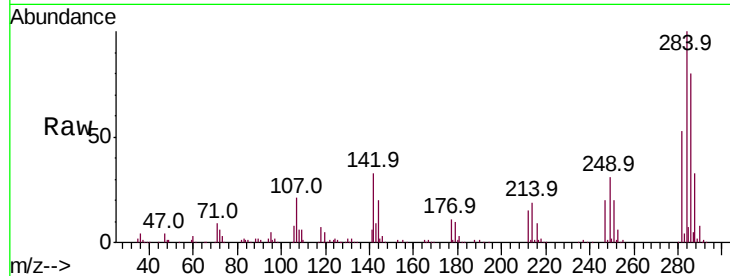
#67
Hexachlorobenzene
Concen: 45.607 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.5	34.6	52.0#	
249	30.9	24.8	37.2	

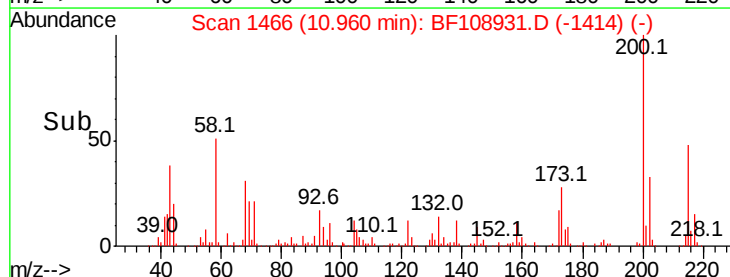
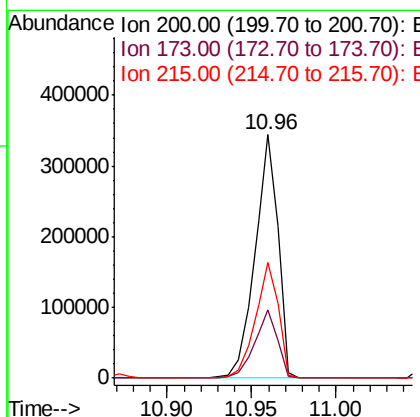
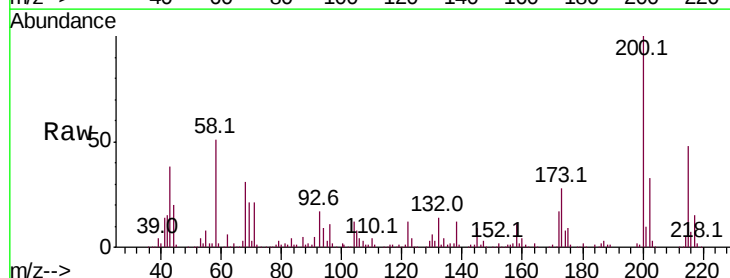
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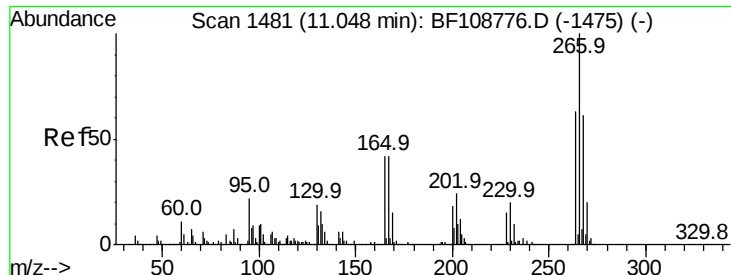
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#68
Atrazine
Concen: 49.083 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.0	8.6	48.6	
215	47.7	25.1	65.1	





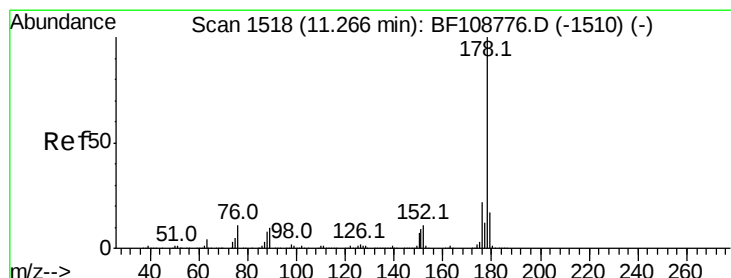
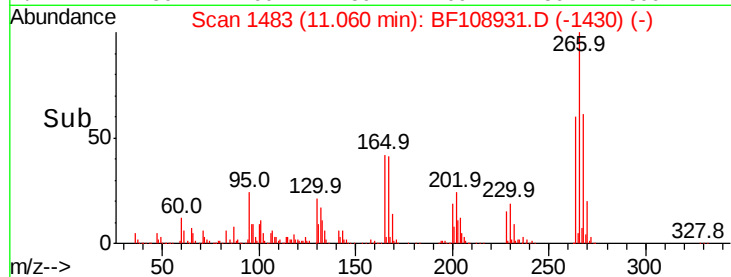
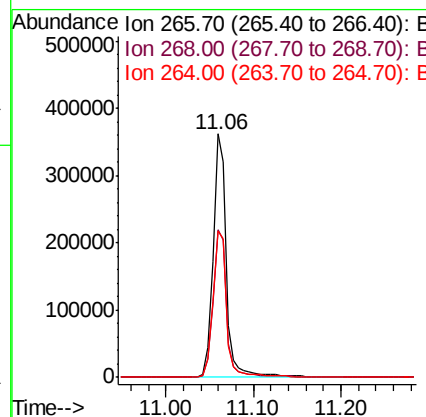
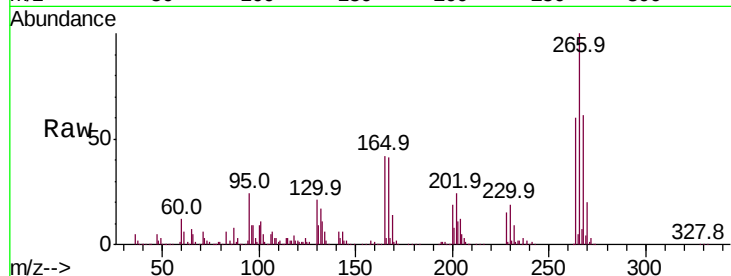
#69
 Pentachlorophenol
 Concen: 83.221 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.9	51.1	76.7	
264	60.3	49.5	74.3	

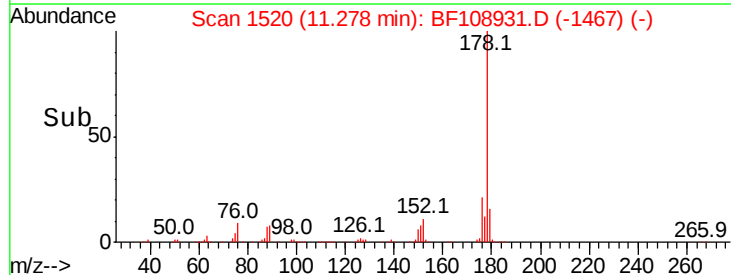
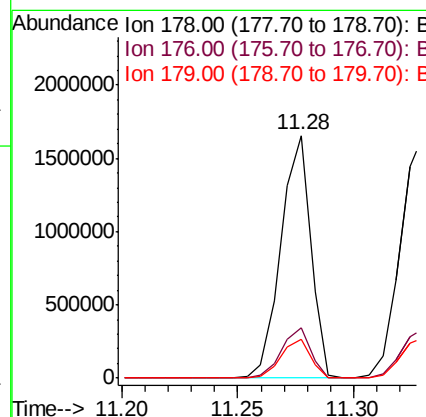
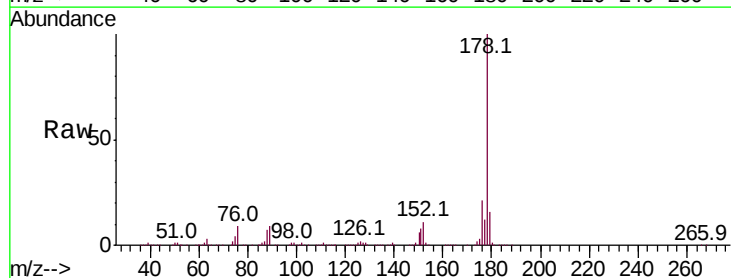
Manual Integrations
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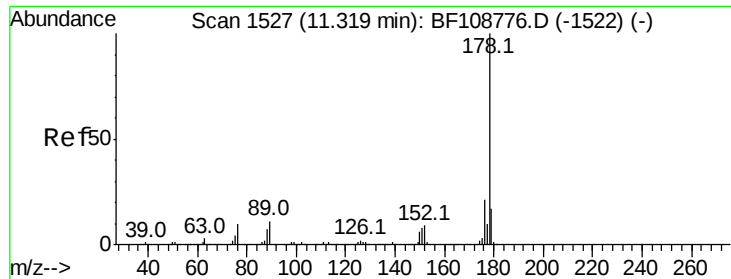
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#70
 Phenanthrene
 Concen: 49.981 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.6	15.8	23.8	
179	16.2	13.0	19.6	





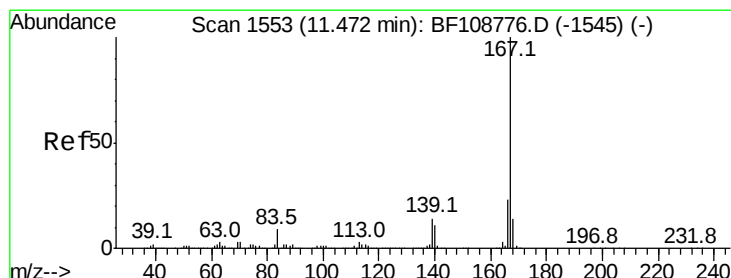
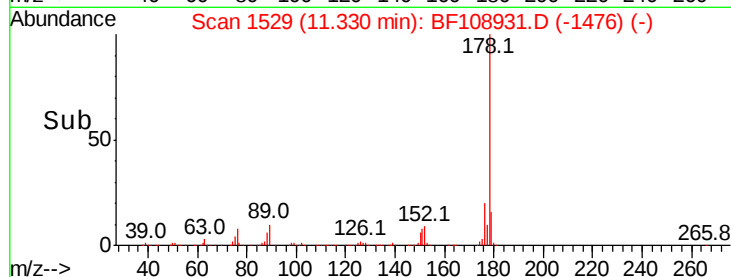
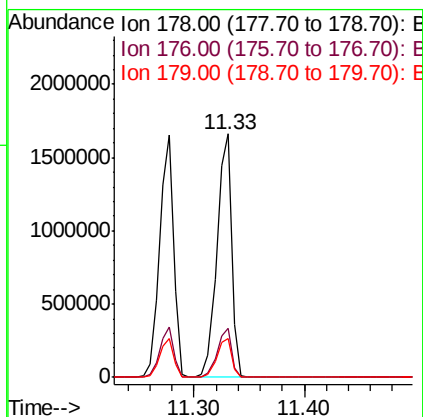
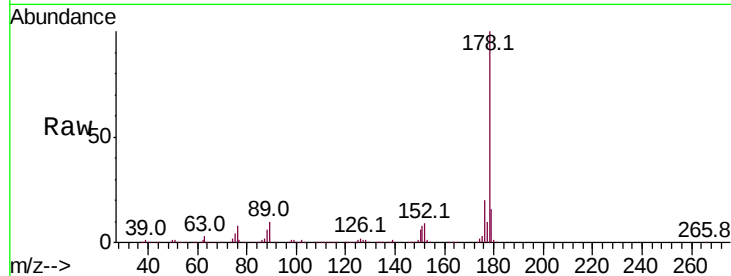
#71
 Anthracene
 Concen: 53.566 ng
 RT: 11.33 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion:178 Resp: 1528872
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.0 12.6 19.0

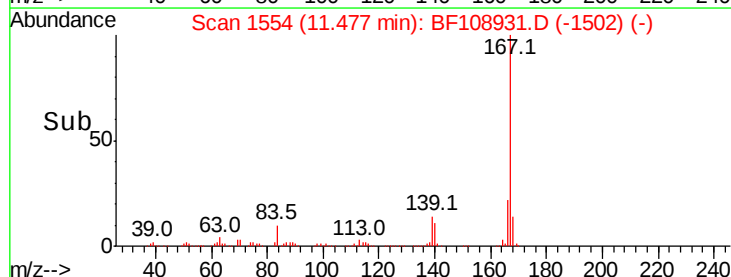
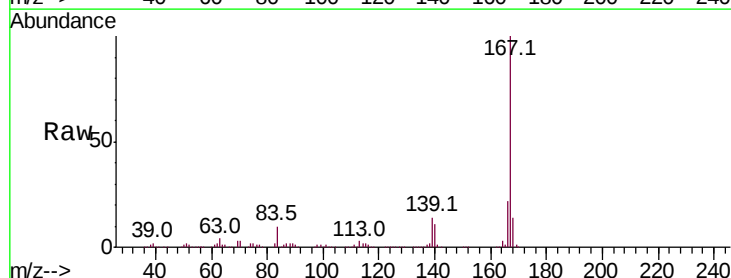
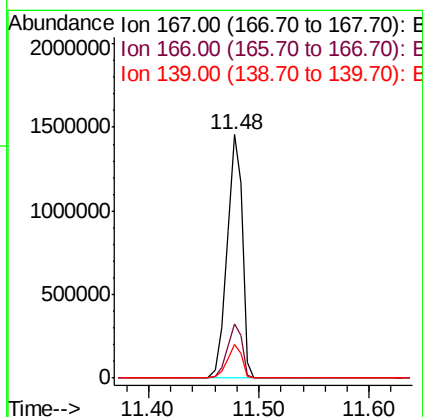
Manual Integrations
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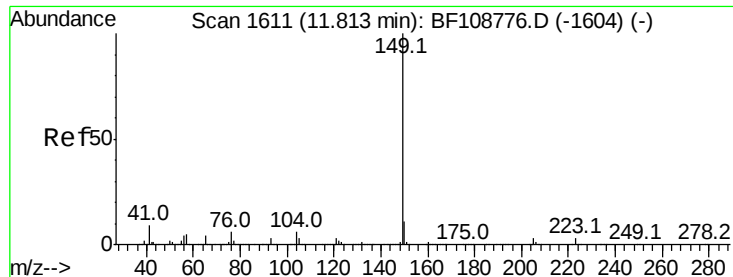
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#72
 Carbazole
 Concen: 46.797 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:167 Resp: 1406641
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.9 10.9 16.3





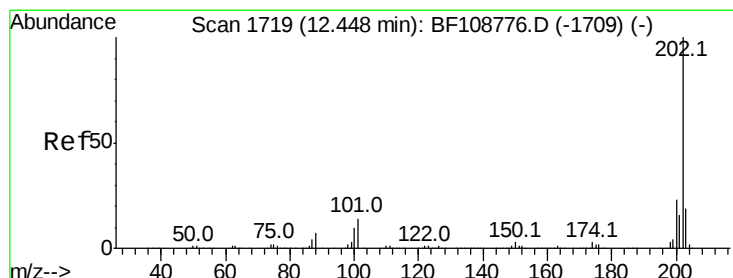
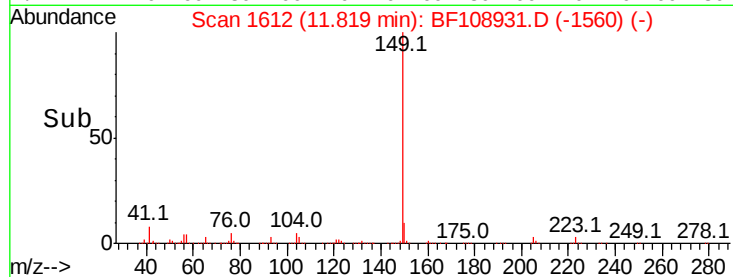
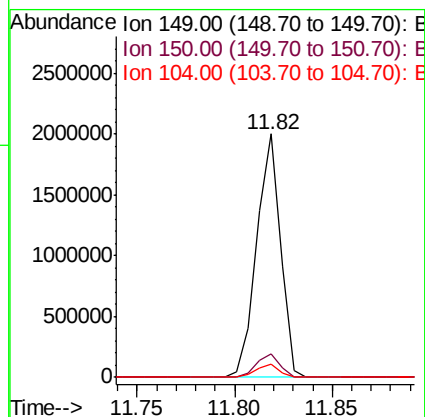
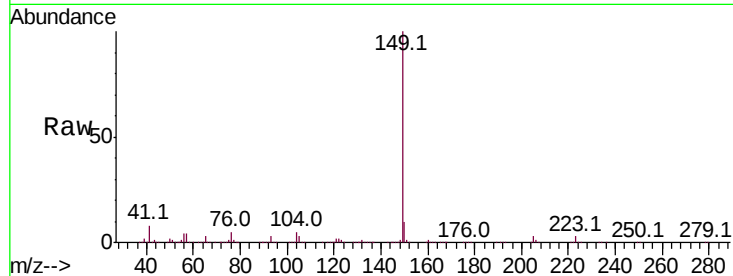
#73
Di-n-butylphthalate
Concen: 50.608 ng
RT: 11.82 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.2	3.8	5.8

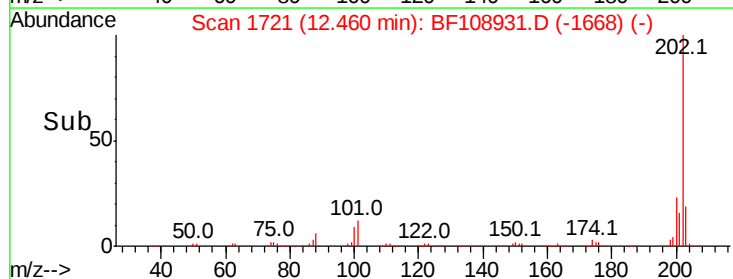
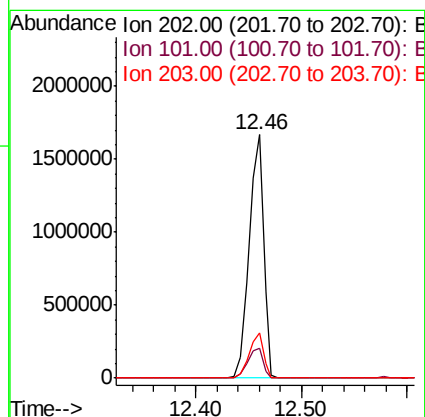
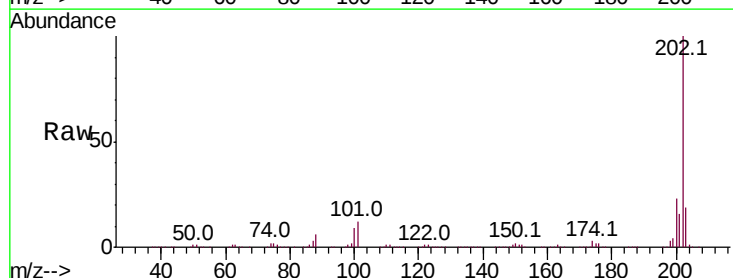
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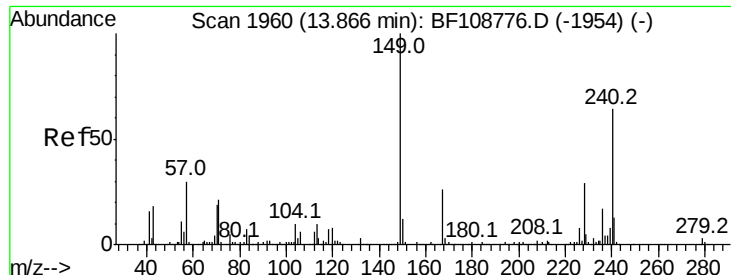
Sohil
9/12/2018 9:11:46 AM



#74
Fluoranthene
Concen: 53.681 ng
RT: 12.46 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1963

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

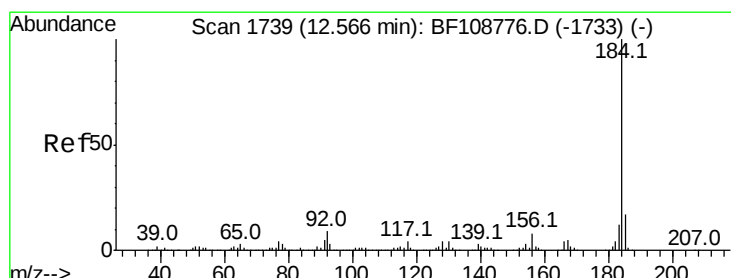
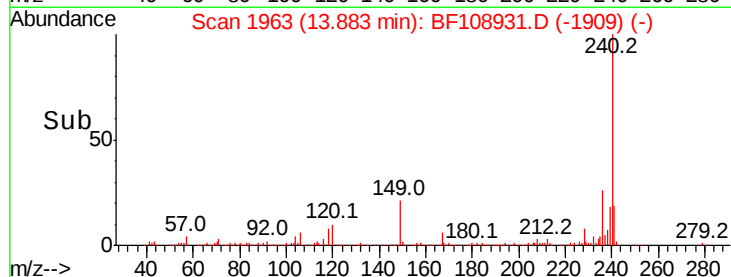
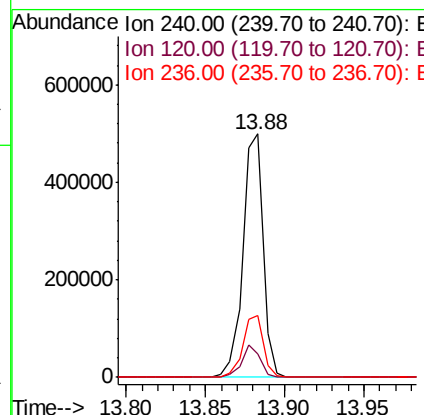
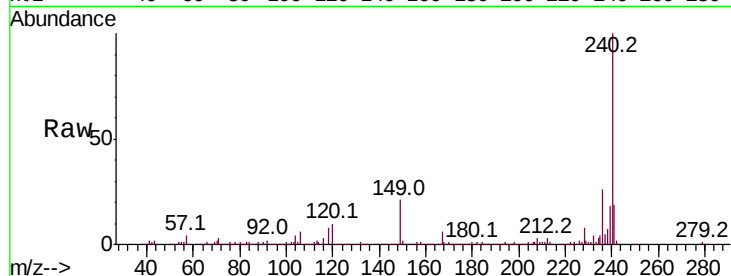
ClientSampleId :

PB112743BSD

Tot Ion:	240	Resp:	442622
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 44.852 ng

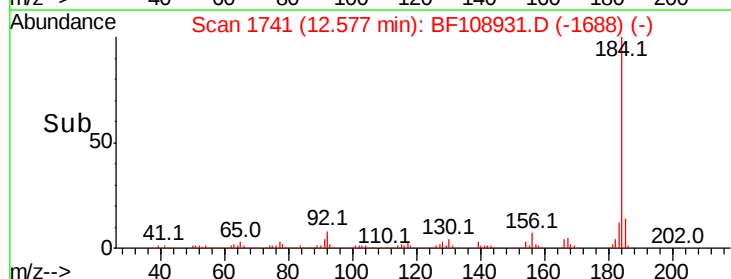
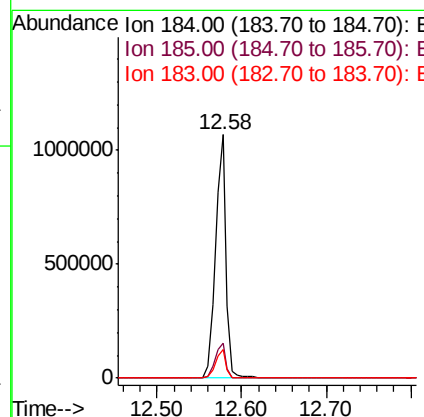
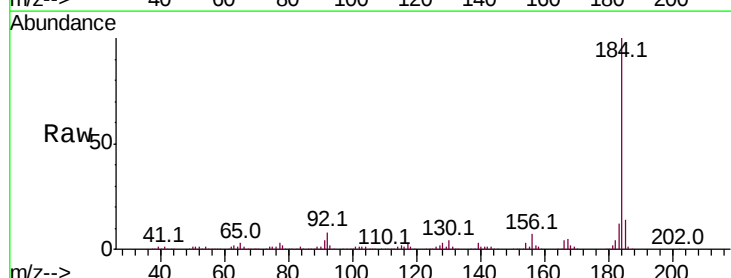
RT: 12.58 min Scan# 1741

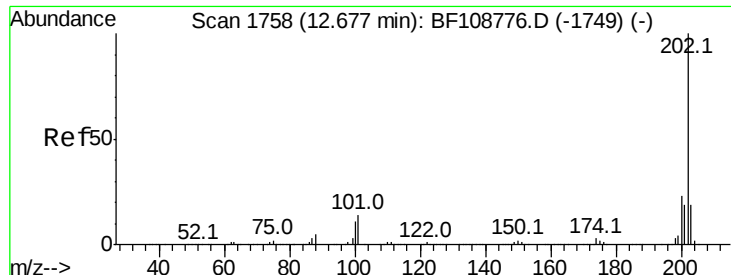
Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion:	184	Resp:	940922
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.7	9.3	13.9





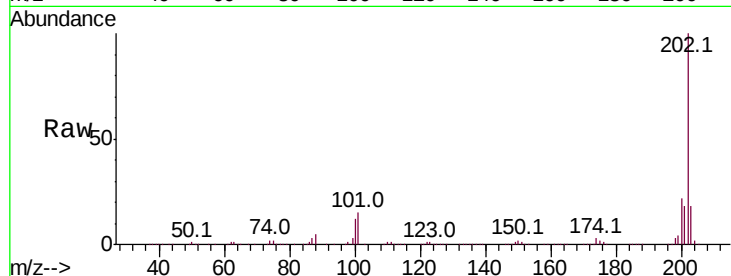
#77
Pvrene
Concen: 47.778 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.2	14.3	21.5

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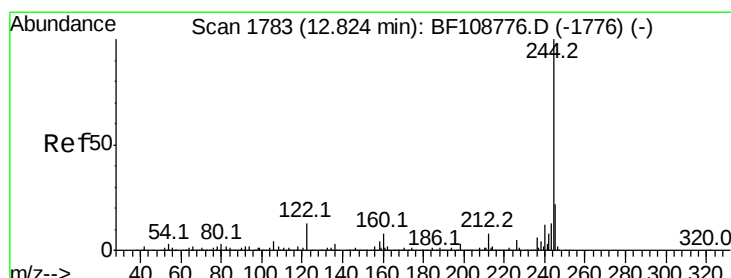
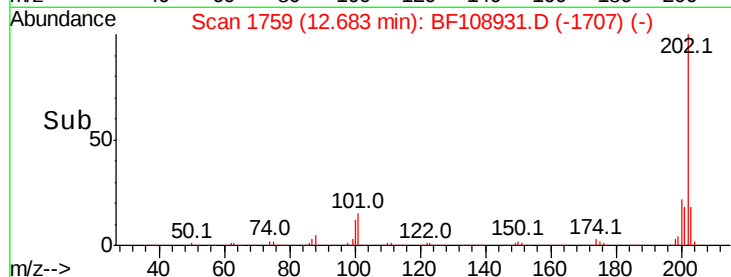
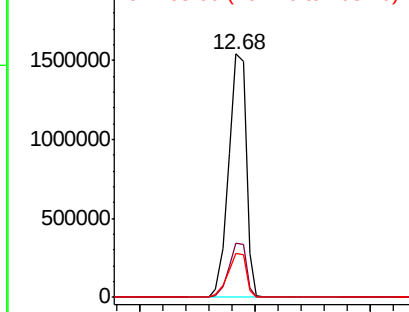


Abundance

Ion 202.00 (201.70 to 202.70): E

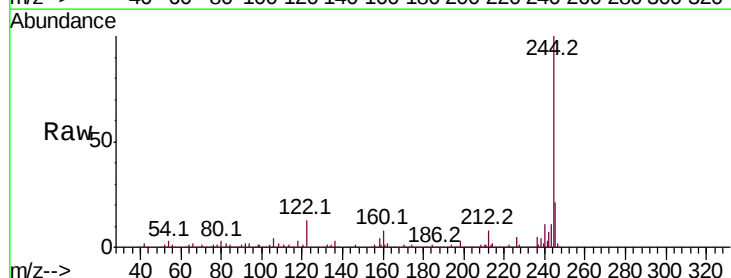
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 97.046 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	12.8	11.0	16.4

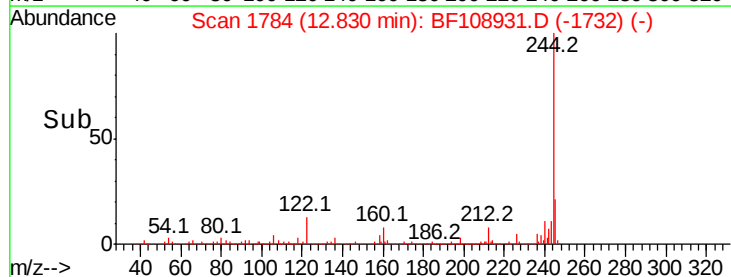
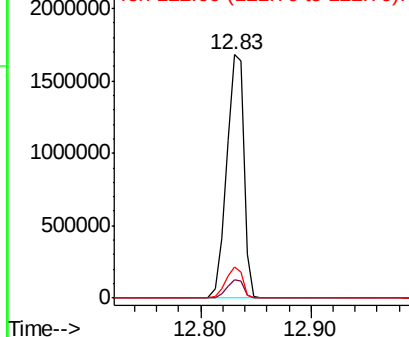


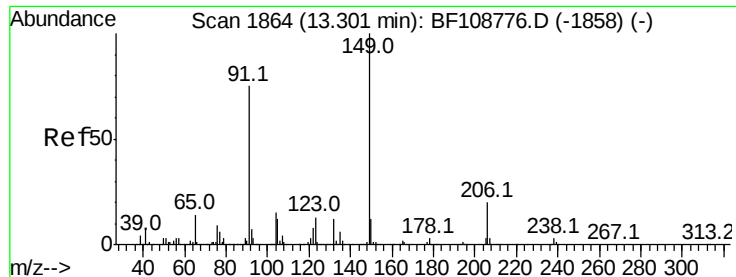
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





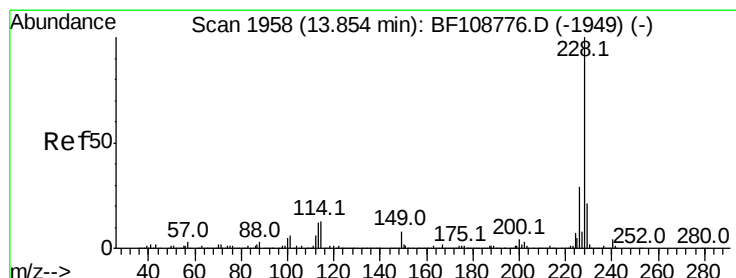
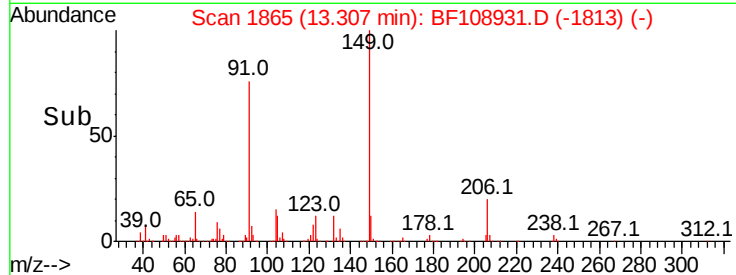
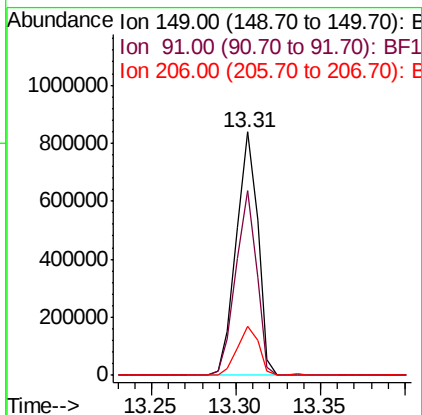
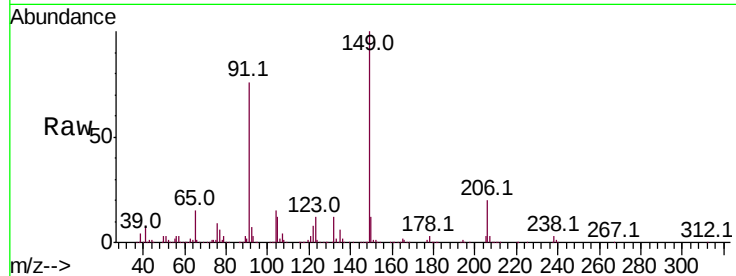
#79
Butylbenzylphthalate
Concen: 48.586 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	56.8	85.2
206	20.2	14.1	21.1

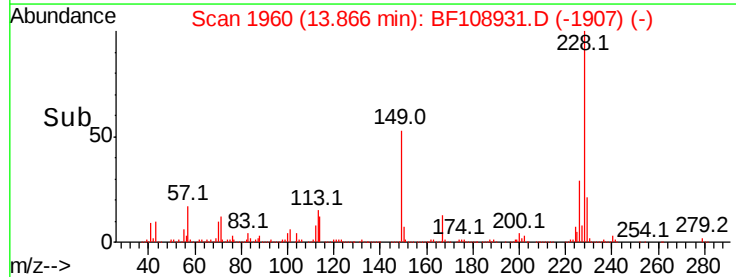
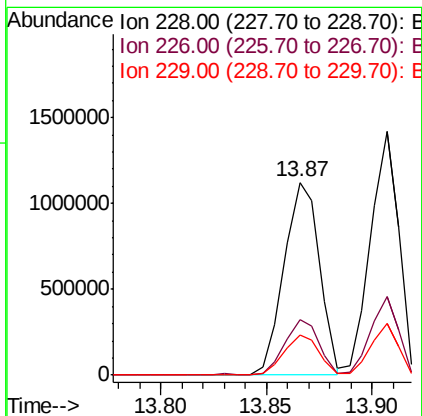
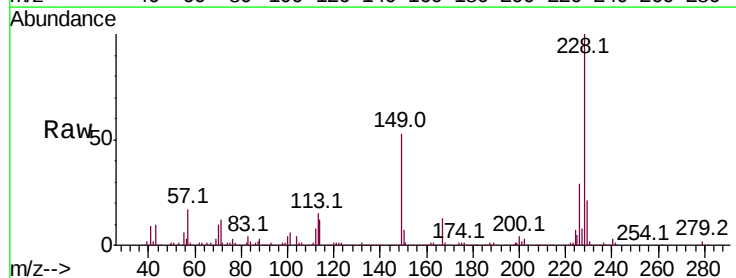
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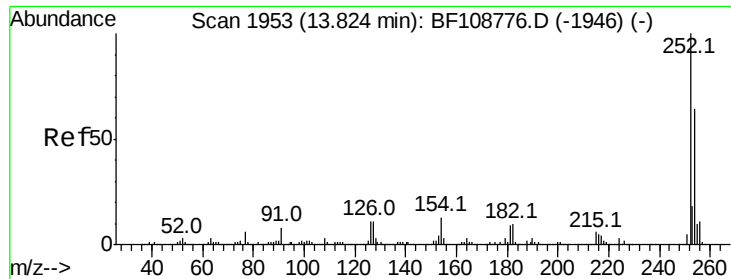
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#80
Benzo(a)anthracene
Concen: 46.291 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.6	15.8	23.6





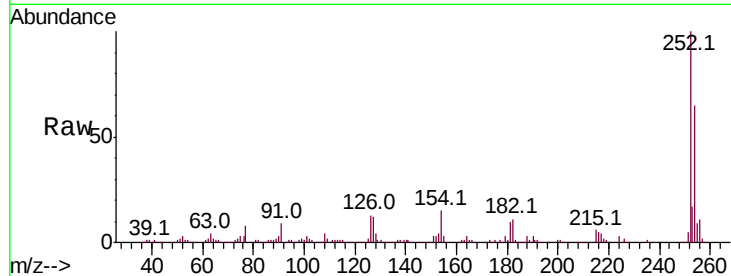
#81
 3,3'-Dichlorobenzidine
 Concen: 35.950 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	397363		
254	65.2	50.4	75.6	
126	12.5	11.3	16.9	

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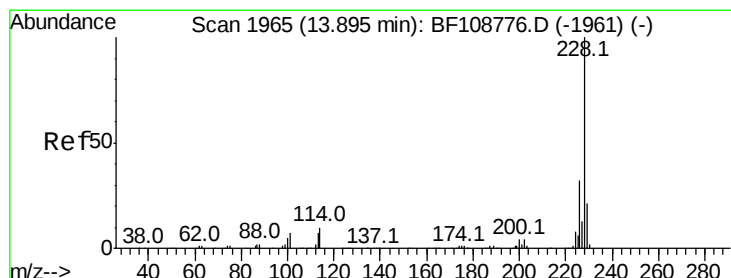
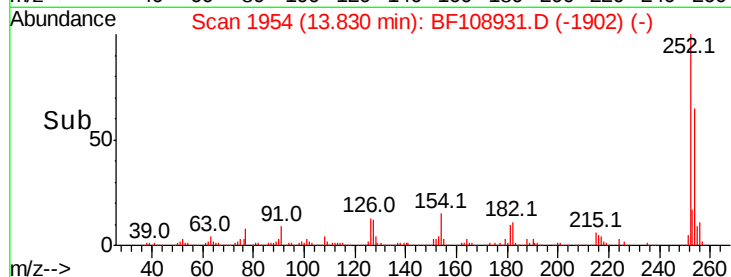
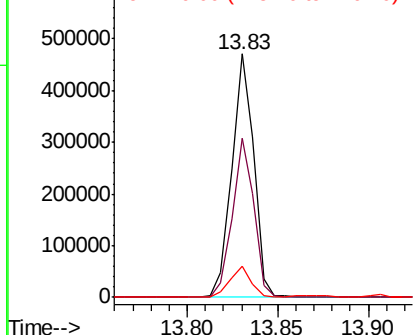


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 48.550 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

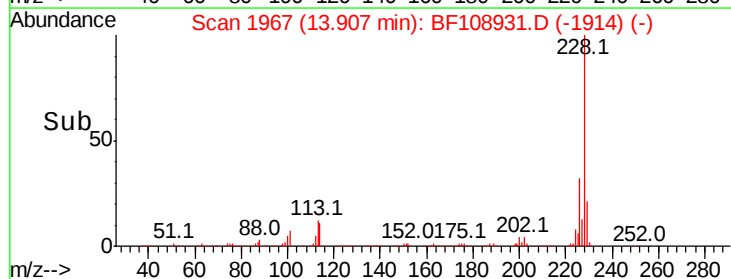
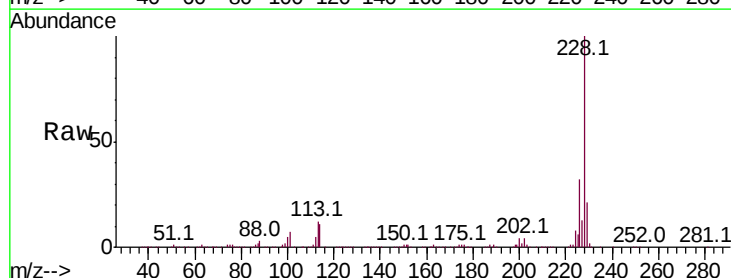
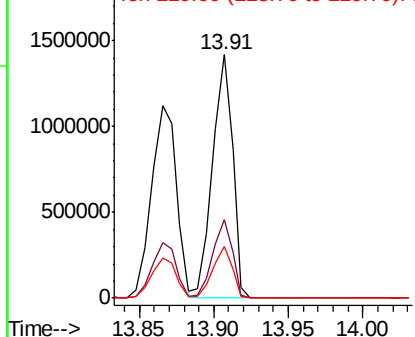
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1333410		
226	32.3	25.0	37.6	
229	21.1	16.2	24.4	

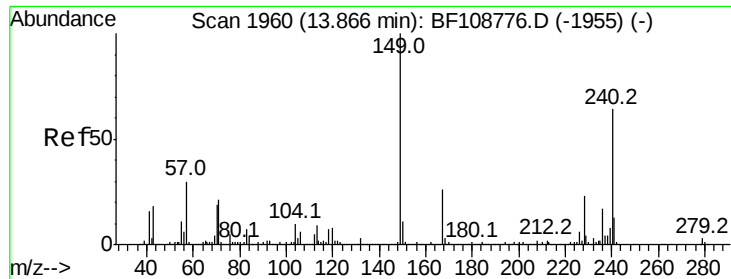
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





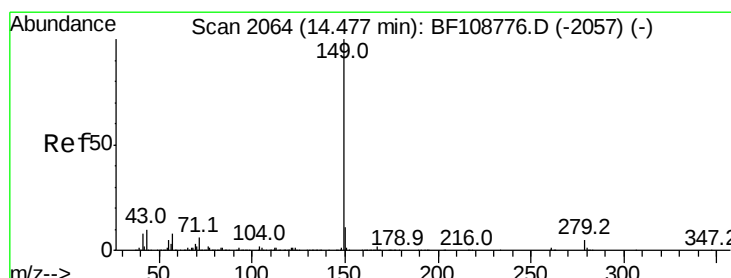
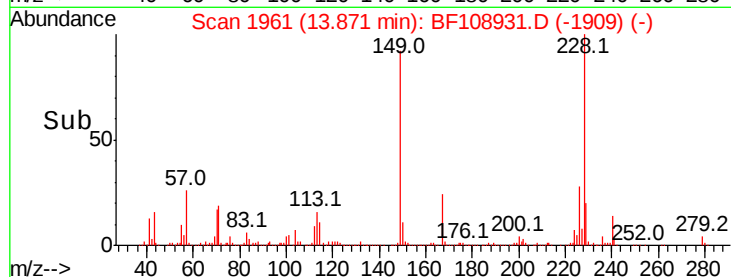
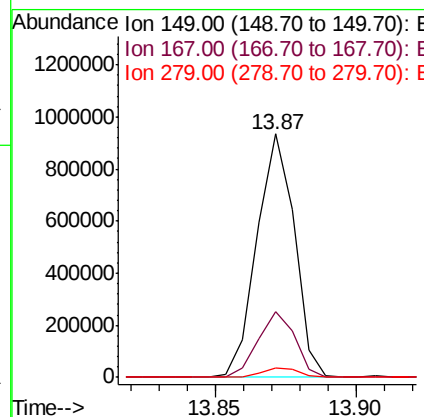
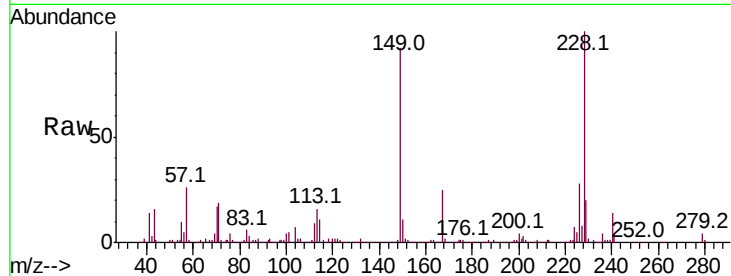
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.830 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.7	21.3	31.9	
279	3.9	3.0	4.4	

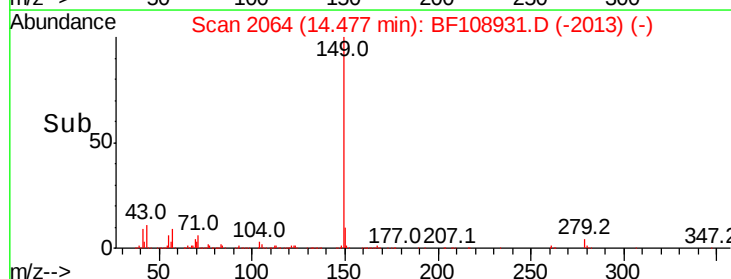
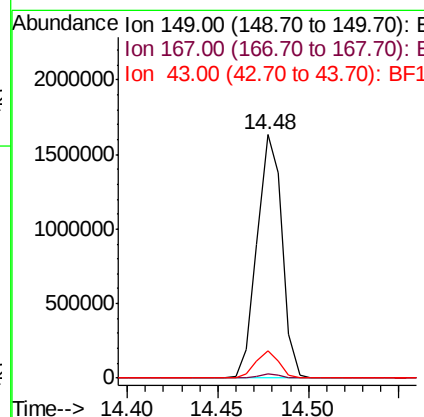
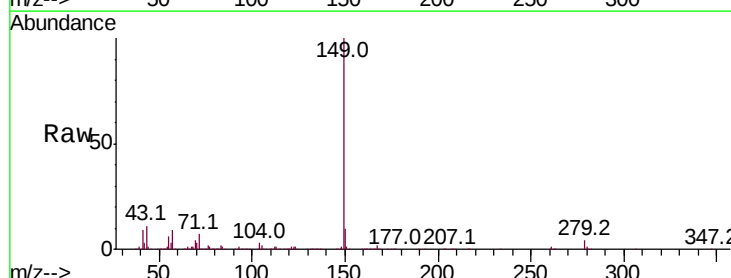
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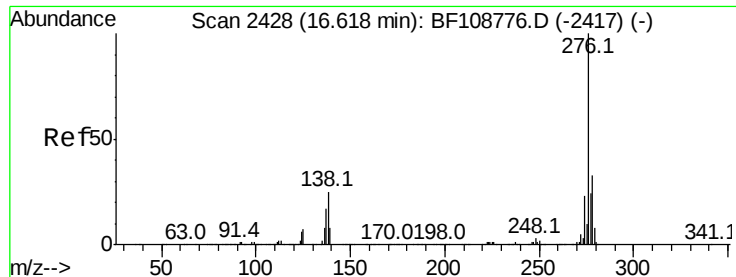
Sohil
 9/12/2018 9:11:46 AM



#84
 Di-n-octyl phthalate
 Concen: 48.755 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.4	8.4	12.6	





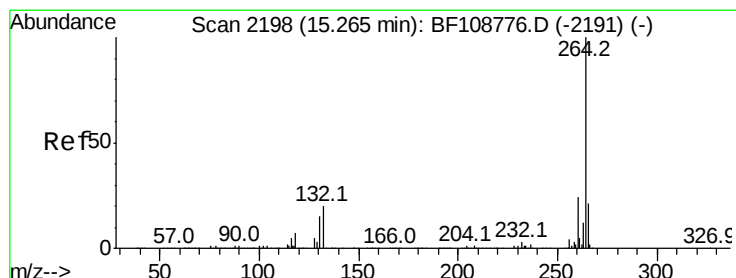
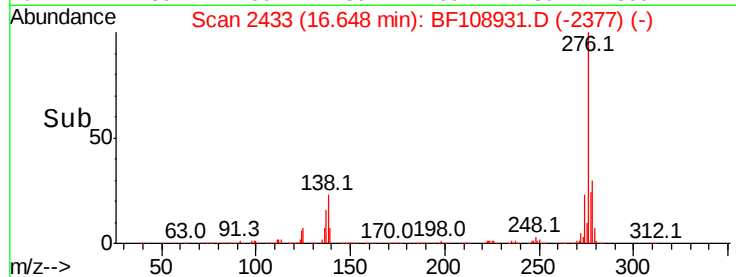
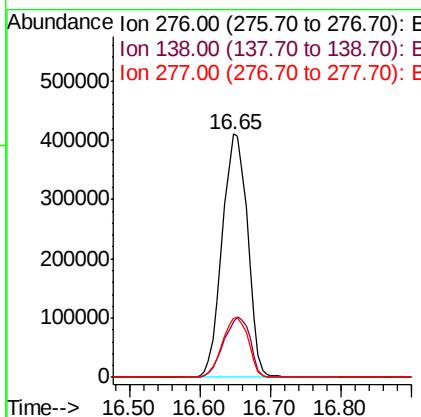
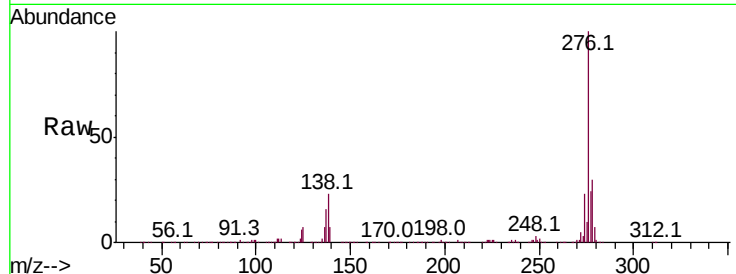
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.303 ng
 RT: 16.65 min Scan# 2433
 Delta R.T. 0.03 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleID :
 PB112743BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	25.1	20.1	30.1

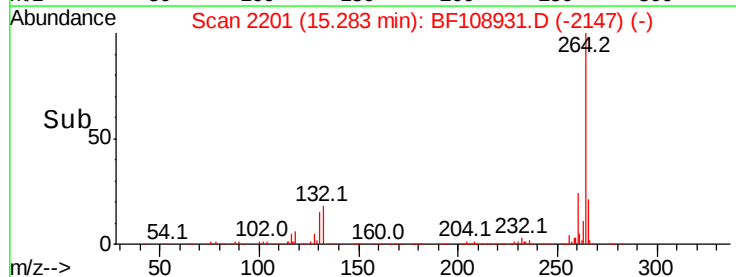
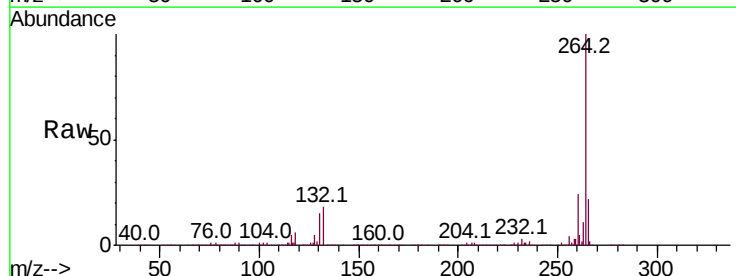
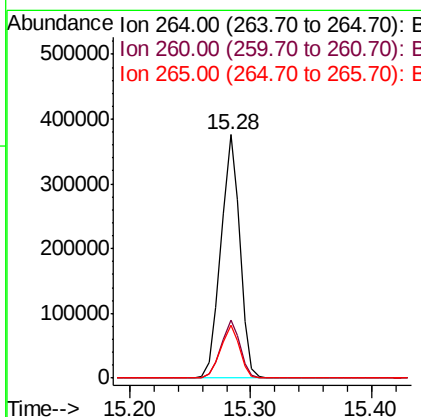
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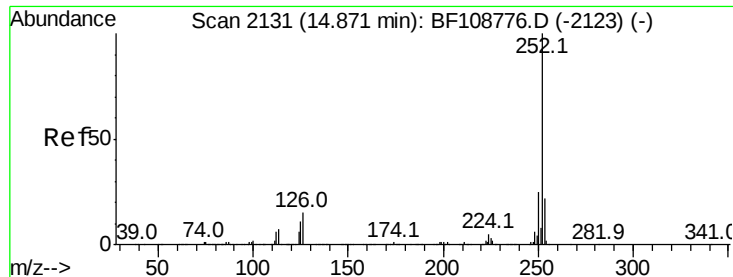
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3





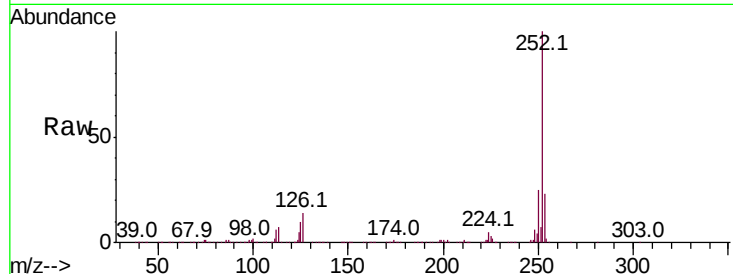
#87
Benzo(b)fluoranthene
Concen: 55.249 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

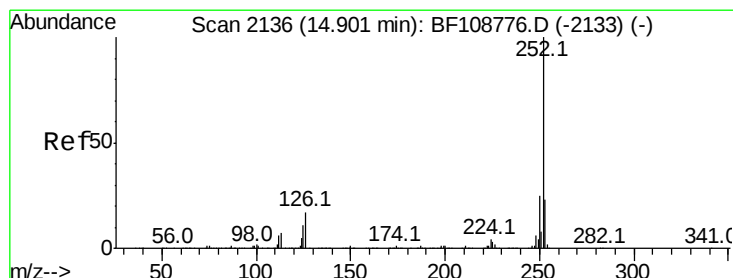
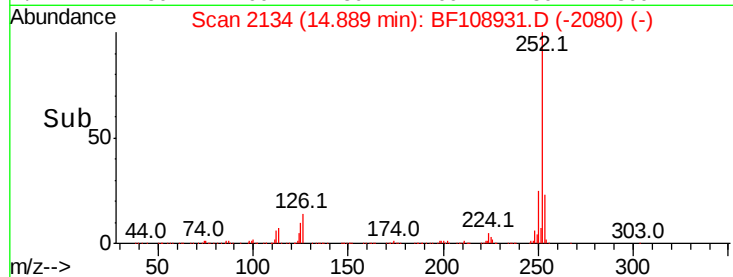
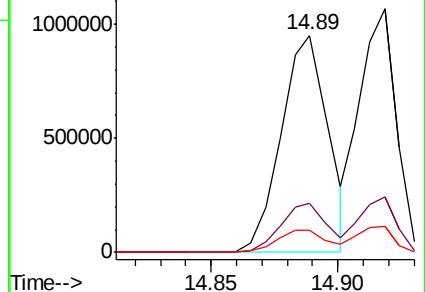
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.2	9.0	13.6

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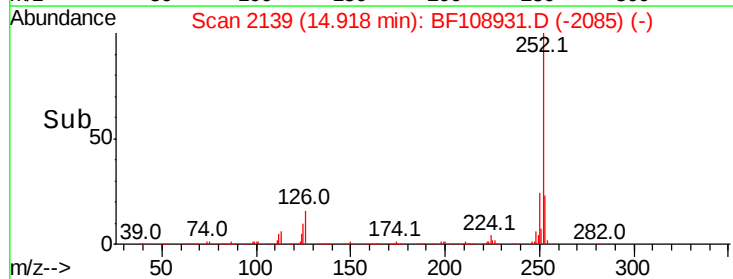
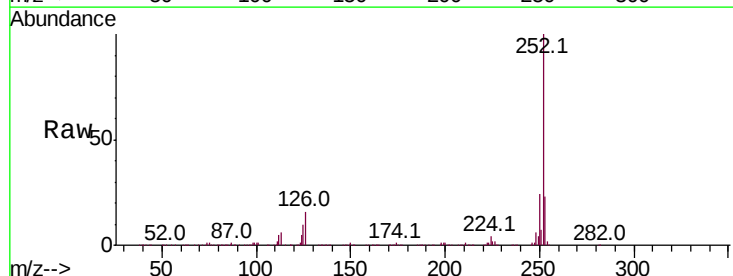
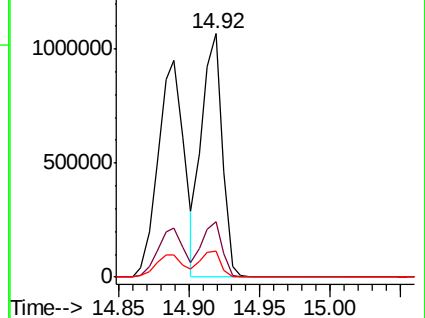
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

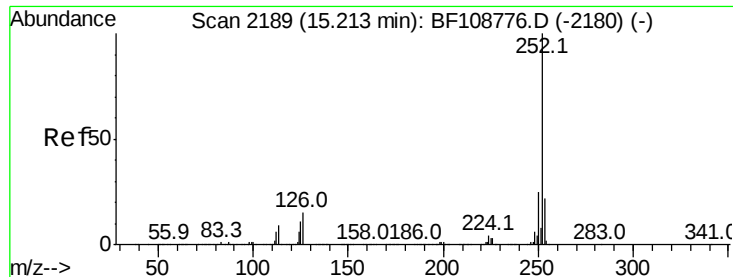


#88
Benzo(k)fluoranthene
Concen: 53.002 ng
RT: 14.92 min Scan# 2139
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.5	10.2	15.2

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





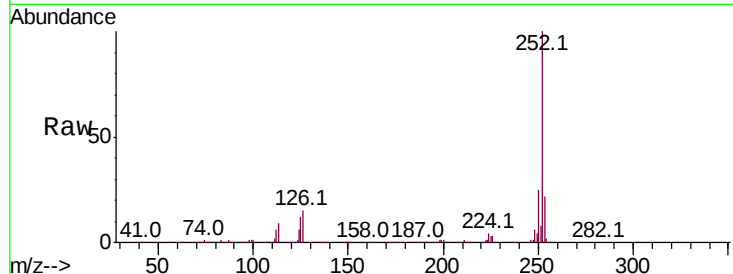
#89
Benzo(a)pyrene
Concen: 53.643 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.0	9.8	14.6

Manual Integrations
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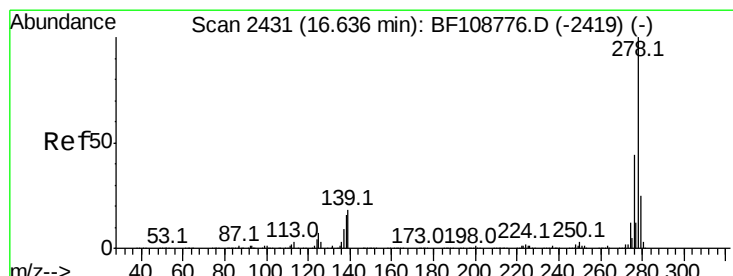
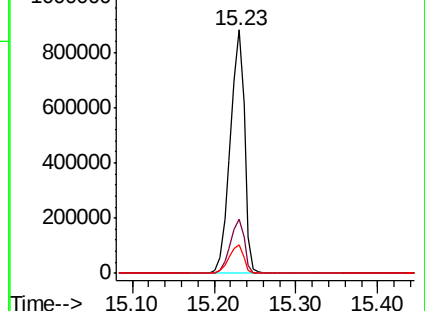
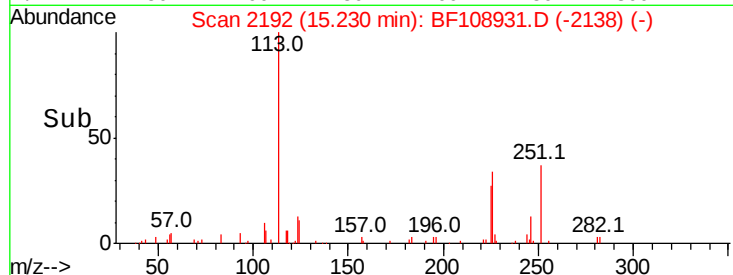


Abundance

Ion 252.00 (251.70 to 252.70): E

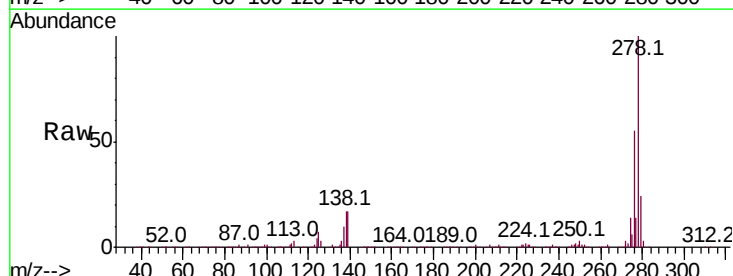
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 47.986 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	24.1	19.0	28.4

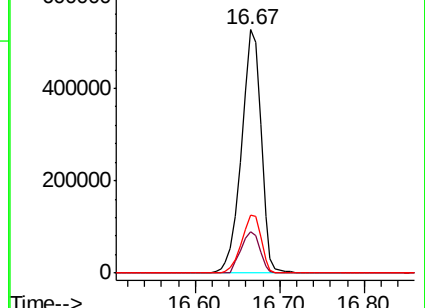
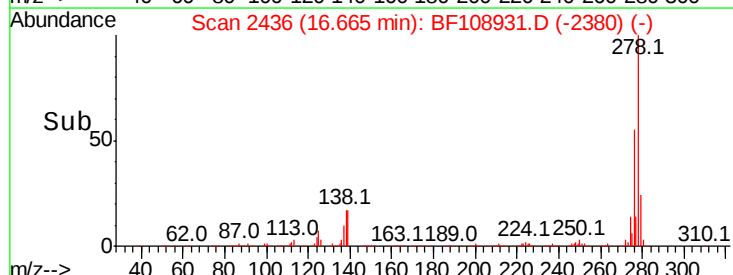


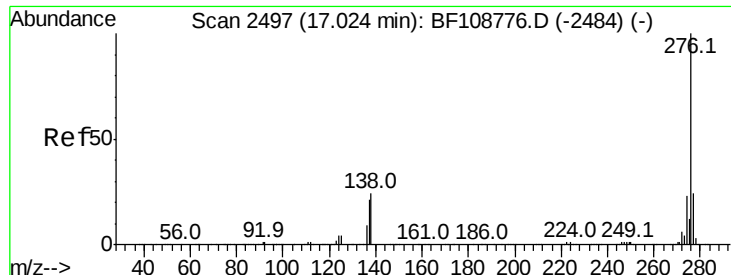
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 50.013 ng
 RT: 17.07 min Scan# 2504
 Delta R.T. 0.04 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	21.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:46 AM

