

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109884.D
 Acq On : 15 Oct 2018 17:32
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:23 AM

Quant Time: Oct 15 18:08:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	230390	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	949085	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	434604	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	783312	20.00	ng	0.00
76) Chrysene-d12	14.16	240	459862	20.00	ng	0.00
87) Perylene-d12	15.67	264	387545	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	2068730	159.38	ng	0.00
7) Phenol-d6	6.60	99	2573912	148.45	ng	0.01
23) Nitrobenzene-d5	7.55	82	2268670	131.77	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	564544	119.22	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	13.10	244	3172235	133.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	629189	92.365	ng	91
3) Pyridine	3.61	79	1449430	103.135	ng	88
4) n-Nitrosodimethylamine	3.59	42	599367	118.157	ng	# 100
6) Aniline	6.65	93	1858965	92.035	ng	# 54
8) 2-Chlorophenol	6.77	128	1158425	72.570	ng	98
10) Phenol	6.62	94	1392724	70.048	ng	# 66
11) bis(2-Chloroethyl)ether	6.72	93	1183753	71.814	ng	94
12) 1,3-Dichlorobenzene	6.92	146	1280105	70.113	ng	98
13) 1,4-Dichlorobenzene	7.00	146	1271461	63.886	ng	97
14) 1,2-Dichlorobenzene	7.16	146	1136243	65.009	ng	99
15) Benzyl Alcohol	7.12	79	1017545	79.159	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1955547	89.471	ng	68
17) 2-Methylphenol	7.22	107	974205	77.174	ng	# 81
18) Hexachloroethane	7.49	117	476031	67.669	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	839741	69.061	ng	98
20) 3+4-Methylphenols	7.38	107	1145028	73.612	ng	96
22) Acetophenone	7.39	105	1483939	64.658	ng	# 95
24) Nitrobenzene	7.57	77	1202173	67.101	ng	95
25) Isophorone	7.80	82	2087412	73.010	ng	97
26) 2-Nitrophenol	7.88	139	568270	67.812	ng	92
27) 2,4-Dimethylphenol	7.91	122	987041	81.565	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	1368836	70.782	ng	99
29) 2,4-Dichlorophenol	8.12	162	976825	71.965	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	1031905	68.674	ng	96
31) Naphthalene	8.29	128	2950830	67.228	ng	97
32) Benzoic acid	8.05	122	716891m	82.859	ng	
33) 4-Chloroaniline	8.33	127	1390551	71.941	ng	99
34) Hexachlorobutadiene	8.40	225	570092	61.020	ng	98
35) Caprolactam	8.73	113	385911m	95.201	ng	
36) 4-Chloro-3-methylphenol	8.81	107	1003852	70.062	ng	93
37) 2-Methylnaphthalene	8.98	142	1930832	67.156	ng	98
38) 1-Methylnaphthalene	9.08	142	1843871	64.509	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	925198	62.539	ng	99
41) Hexachlorocyclopentadiene	9.13	237	521079	96.520	ng	99

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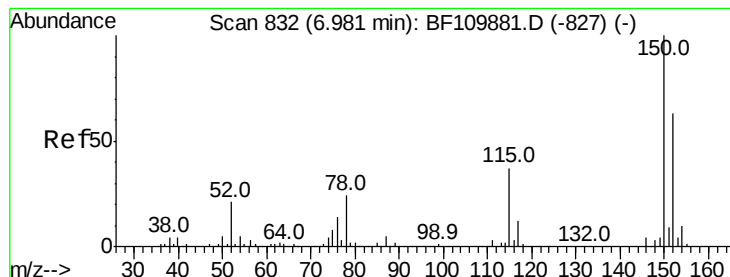
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.25	196	648856	73.368	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	656620	64.574	nq	94
46) 1,1'-Biphenyl	9.45	154	2552140	65.734	nq	95
47) 2-Chloronaphthalene	9.47	162	1974174	67.870	nq	96
48) 2-Nitroaniline	9.56	65	627709	71.270	nq	97
49) Acenaphthylene	9.89	152	2820430	66.510	nq	94
50) Dimethylphthalate	9.75	163	2189672	68.698	nq	99
51) 2,6-Dinitrotoluene	9.81	165	495825	71.763	nq	89
52) Acenaphthene	10.06	154	1831347	72.851	nq	98
53) 3-Nitroaniline	9.98	138	583728	75.369	nq	91
54) 2,4-Dinitrophenol	10.07	184	153034	68.651	nq	90
55) Dibenzofuran	10.23	168	2555942	67.830	nq	99
56) 4-Nitrophenol	10.12	139	452699	106.785	nq	96
57) 2,4-Dinitrotoluene	10.21	165	610998	70.862	nq	94
58) Fluorene	10.57	166	1798839	63.925	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	525887	63.621	nq	95
60) Diethylphthalate	10.45	149	2119344	67.107	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	940356	63.343	nq	99
62) 4-Nitroaniline	10.60	138	553923	77.228	nq	93
63) Azobenzene	10.73	77	2156399	67.240	nq	92
65) 4,6-Dinitro-2-methylphenol	10.62	198	249461	65.431	nq	97
66) n-Nitrosodiphenylamine	10.69	169	1826143	68.770	nq	96
67) 4-Bromophenyl-phenylether	11.06	248	609596	67.730	nq	95
68) Hexachlorobenzene	11.12	284	642040	65.877	nq	95
69) Atrazine	11.21	200	576152	69.523	nq	99
70) Pentachlorophenol	11.31	266	428614	78.155	nq	97
71) Phenanthrene	11.54	178	2716314	69.294	nq	96
72) Anthracene	11.59	178	2752892	67.936	nq	98
73) Carbazole	11.75	167	2659863	67.679	nq	97
74) Di-n-butylphthalate	12.06	149	2917312	64.000	nq	98
75) Fluoranthene	12.73	202	2627170	64.153	nq	95
77) Benzidine	12.85	184	1173249	68.680	nq	97
78) Pyrene	12.96	202	2666756	79.150	nq	98
80) Butylbenzylphthalate	13.57	149	1128226	77.236	nq	97
81) Benzo(a)anthracene	14.14	228	2026154	79.842	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	660634	64.652	nq	99
83) Chrysene	14.19	228	1883953	70.678	nq	98
84) Bis(2-ethylhexyl)phthalate	14.12	149	1398998	78.500	nq	# 94
85) Di-n-octyl phthalate	14.74	149	2003021	71.105	nq	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	2012760	105.495	nq	# 93
88) Benzo(b)fluoranthene	15.22	252	1608670	75.114	nq	97
89) Benzo(k)fluoranthene	15.25	252	1605896	74.629	nq	# 95
90) Benzo(a)pyrene	15.61	252	1551439	79.828	nq	# 97
91) Dibenzo(a,h)anthracene	17.26	278	1633999	102.372	nq	98
92) Benzo(g,h,i)perylene	17.72	276	1756748	110.218	nq	# 93

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



#1

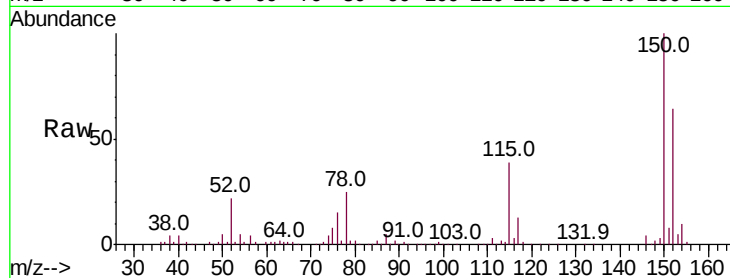
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	60.8	49.1	73.7

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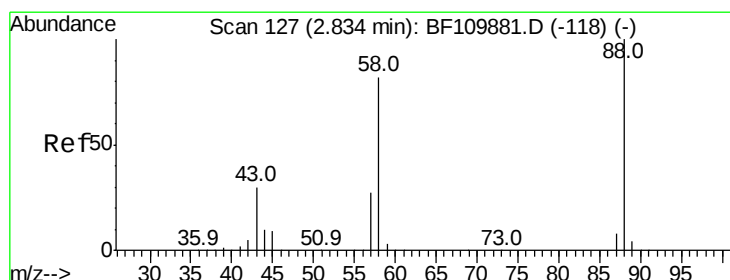
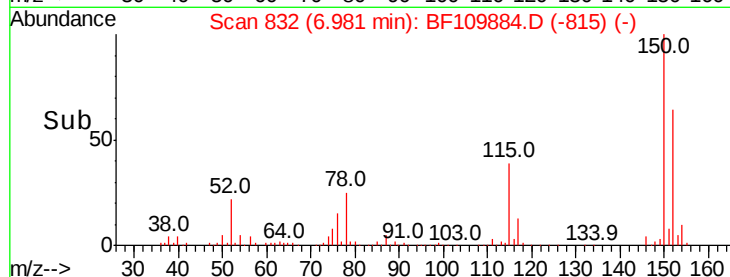
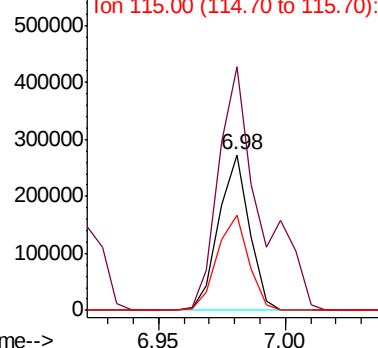


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

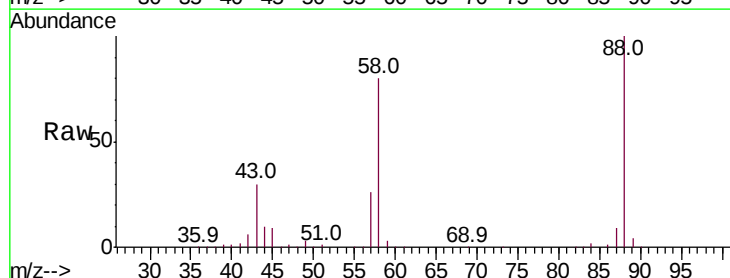
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 92.365 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	57.1	85.7
43	30.8	24.1	36.1

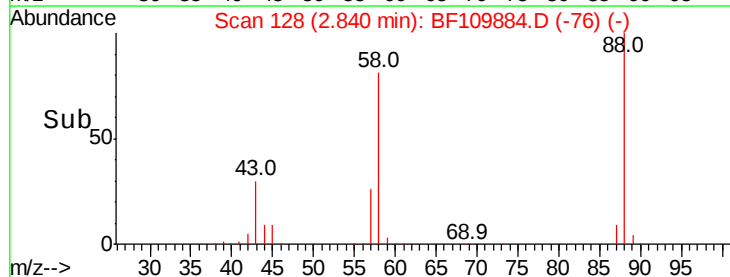
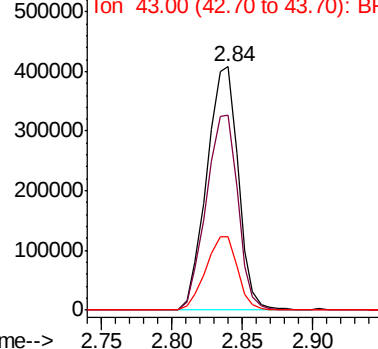


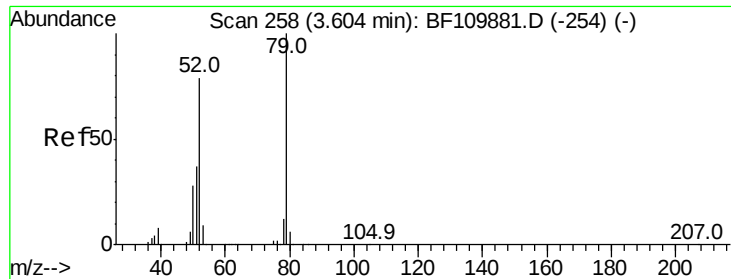
Abundance

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: 103.135 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 1449430

Ion Ratio Lower Upper

79 100

52 78.1 53.1 79.7

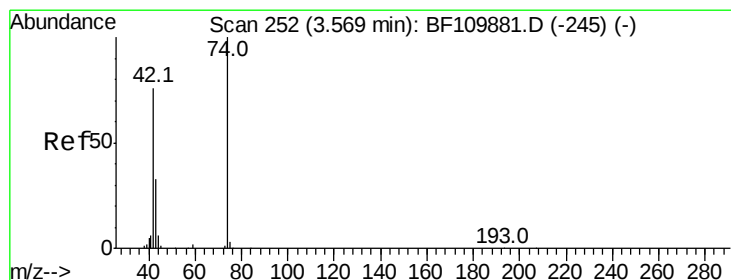
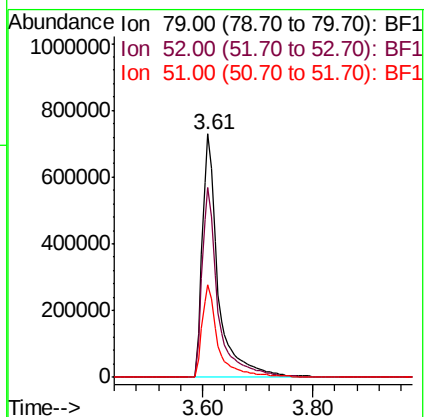
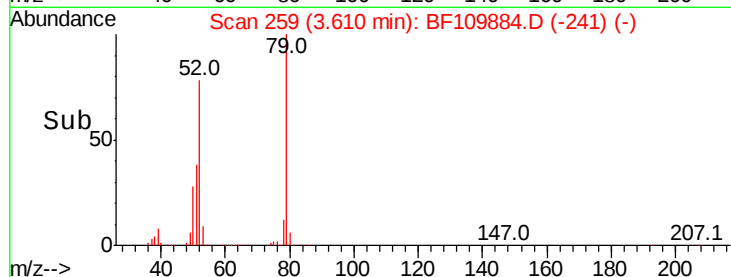
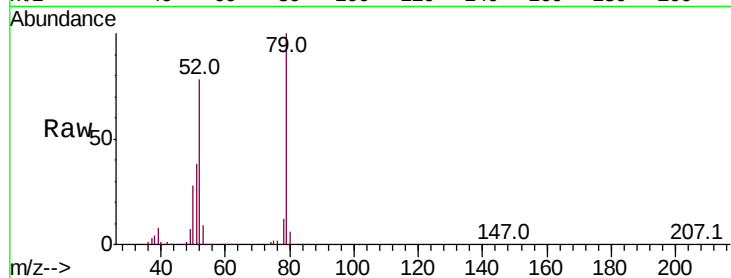
51 38.0 27.4 41.2

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#4

n-Nitrosodimethylamine

Concen: 118.157 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.02 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

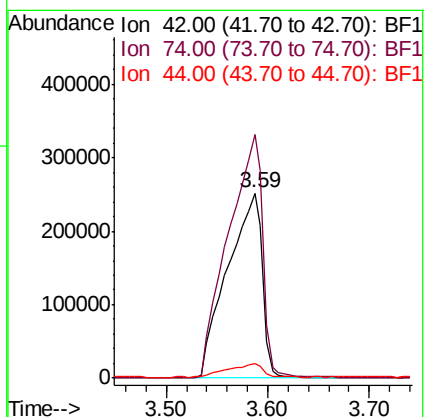
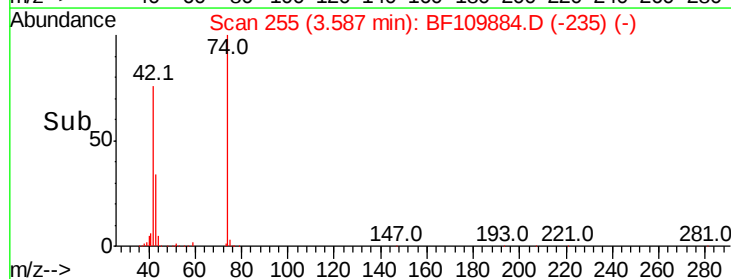
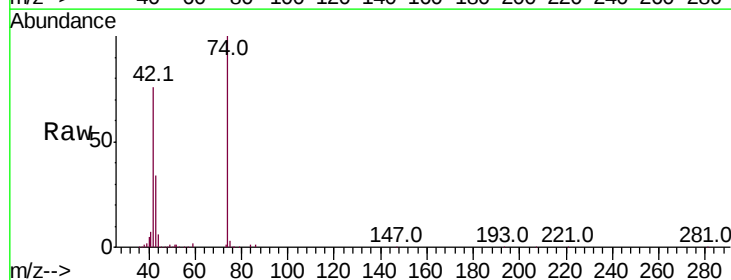
Tgt Ion: 42 Resp: 599367

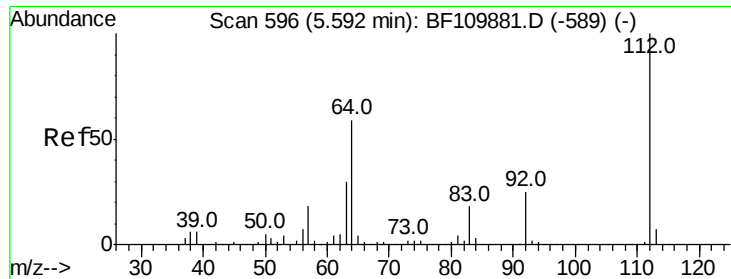
Ion Ratio Lower Upper

42 100

74 131.6 105.5 158.3

44 7.7 4.9 7.3#





#5

2-Fluorophenol

Concen: 159.385 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 2068730

Ion Ratio Lower Upper

112 100

64 61.0 44.1 66.1

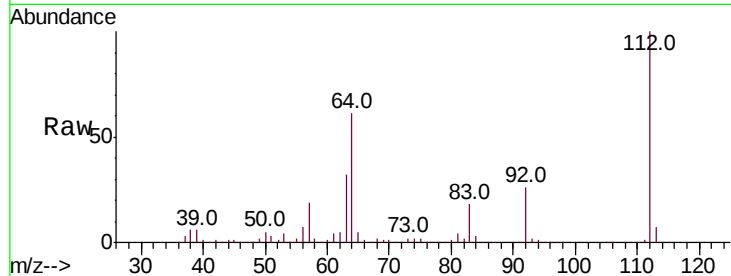
63 31.6 23.7 35.5

Manual Integrations

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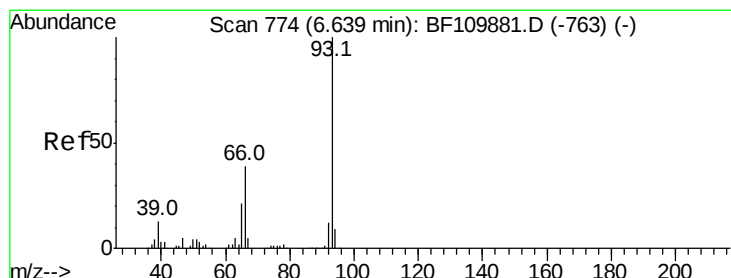
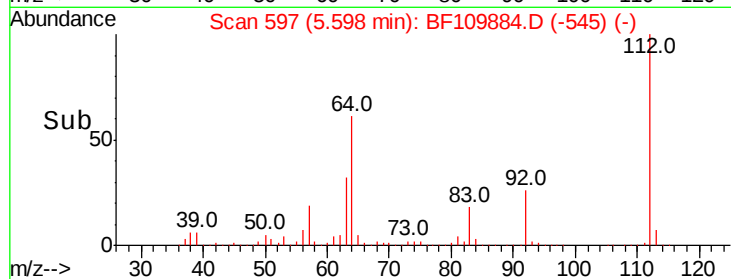
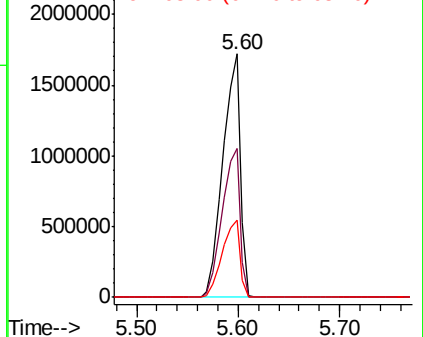
10/16/2018 9:57:23 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 92.035 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

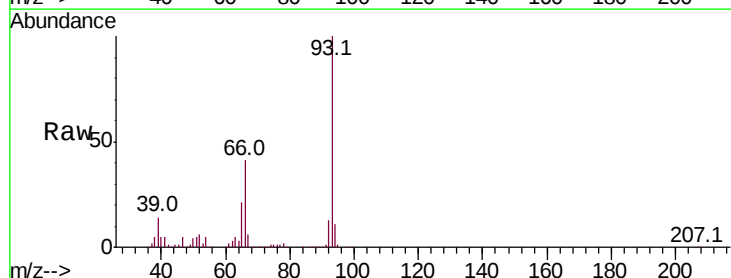
Tgt Ion: 93 Resp: 1858965

Ion Ratio Lower Upper

93 100

66 40.6 67.4 101.0#

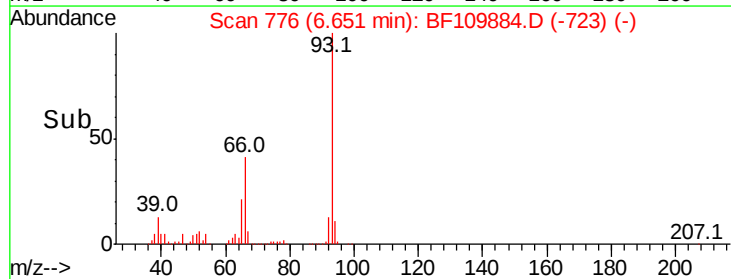
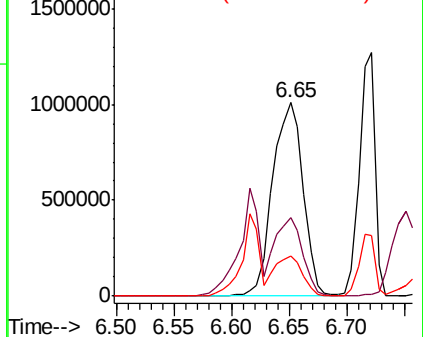
65 21.0 41.0 61.4#

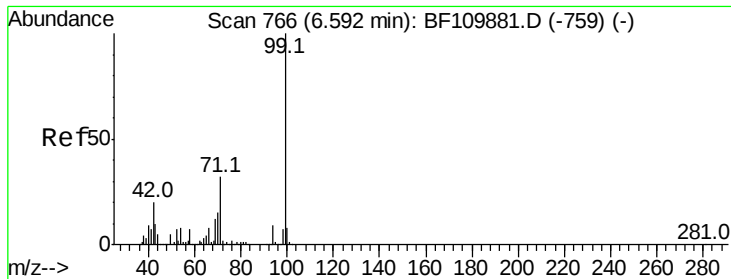


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 148.445 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 2573912

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

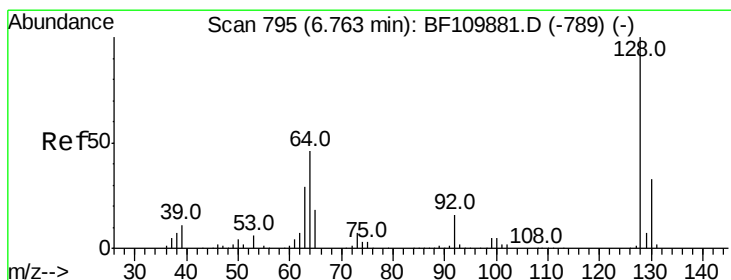
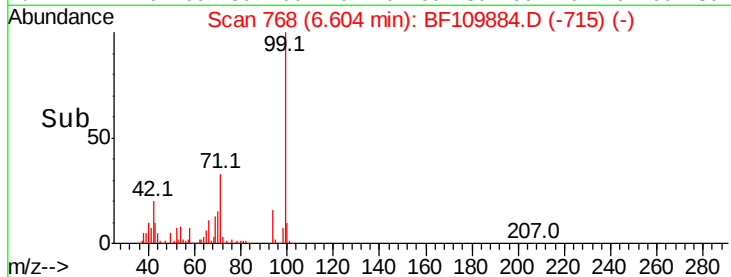
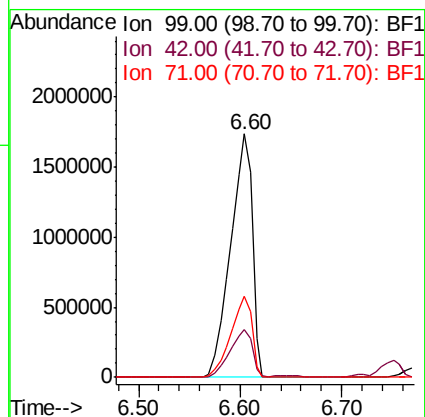
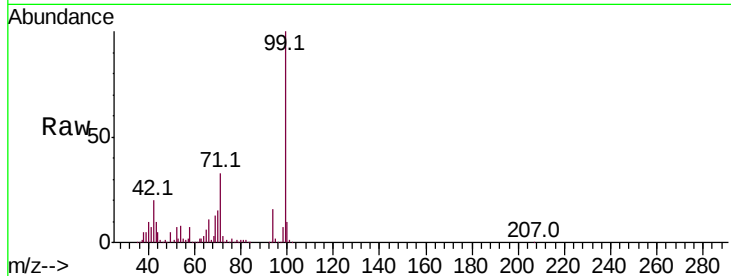
71 33.1 28.0 42.0

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#8

2-Chlorophenol

Concen: 72.570 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

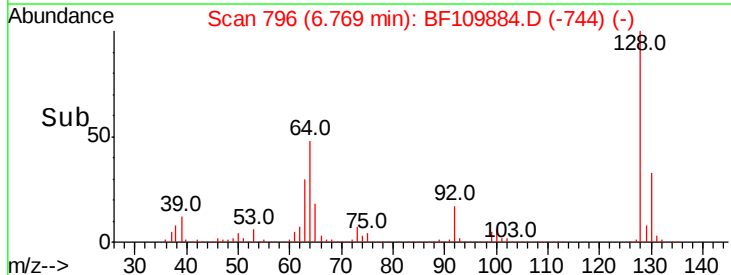
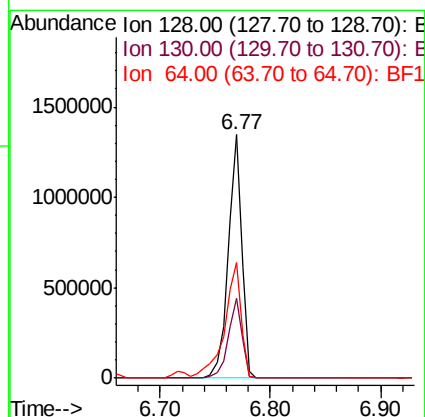
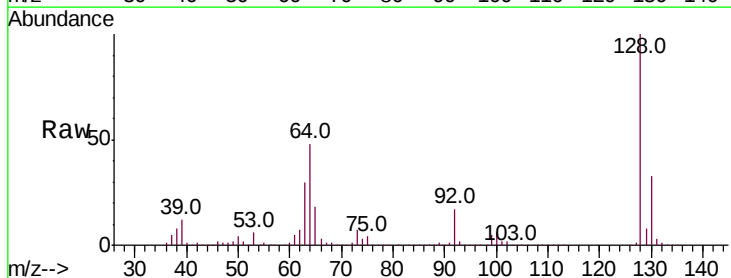
Tgt Ion: 128 Resp: 1158425

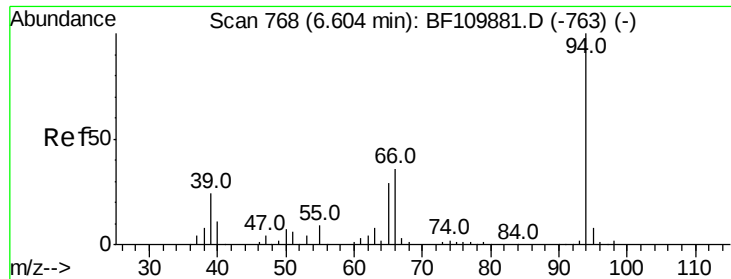
Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

64 47.7 26.0 66.0





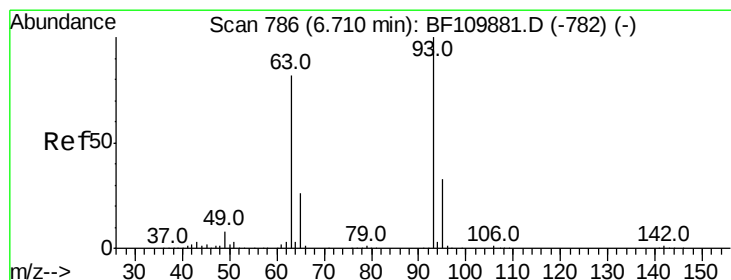
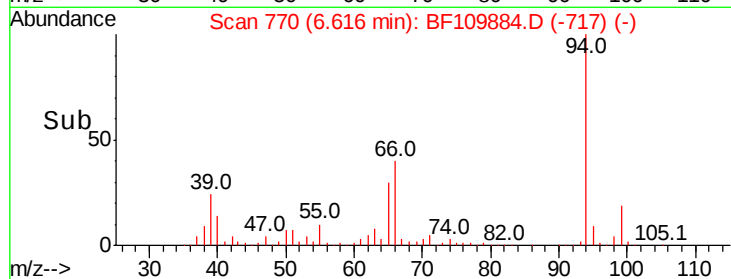
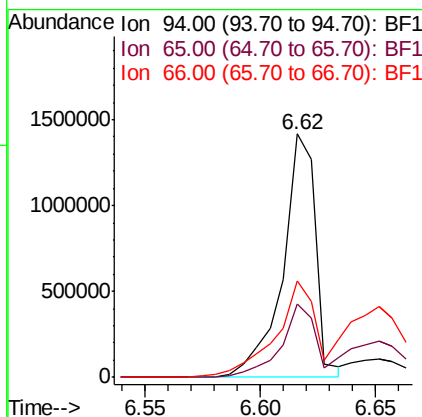
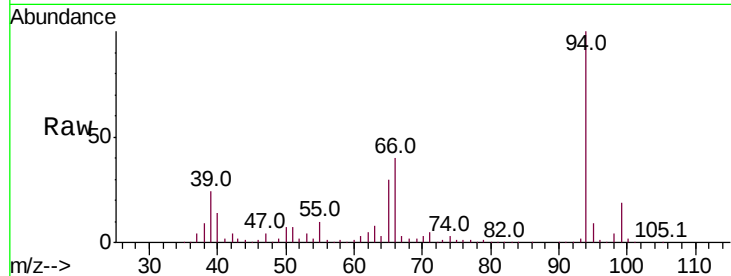
#10
Phenol
Concen: 70.048 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 94 Resp: 1392724
Ion Ratio Lower Upper
94 100
65 30.2 25.3 65.3
66 39.8 54.5 94.5#

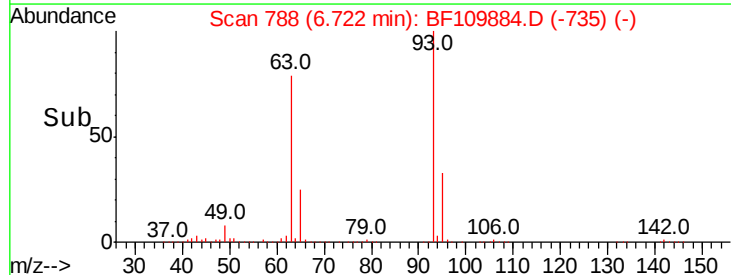
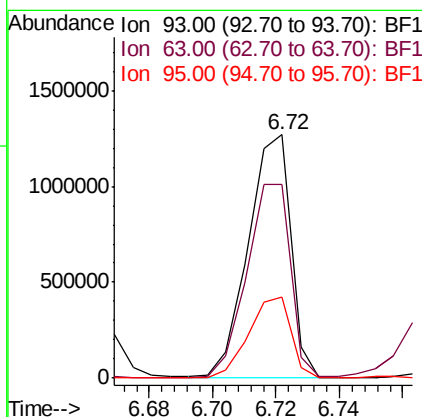
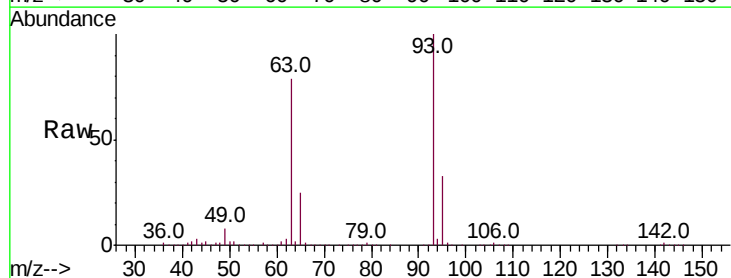
Manual Integrations
APPROVED

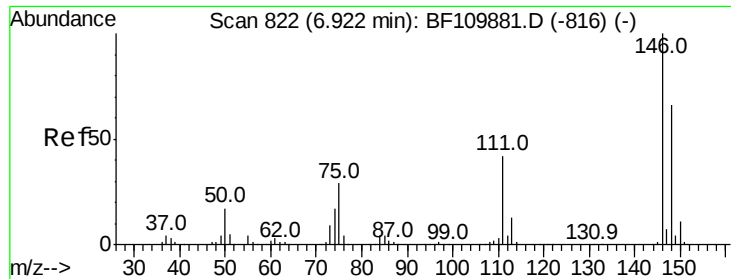
Sohil
10/16/2018 9:57:23 AM



#11
bis(2-Chloroethyl)ether
Concen: 71.814 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion: 93 Resp: 1183753
Ion Ratio Lower Upper
93 100
63 79.5 53.4 93.4
95 33.4 12.1 52.1





#12

1,3-Dichlorobenzene

Concen: 70.113 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1280105

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

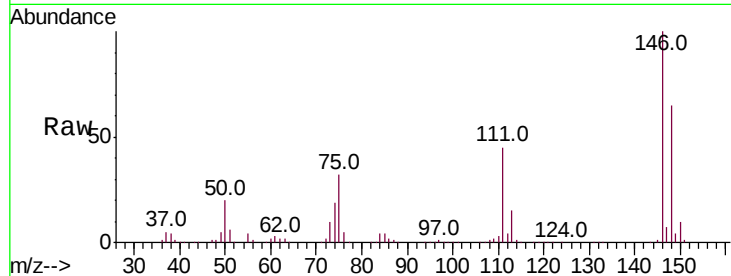
75 31.9 25.8 38.6

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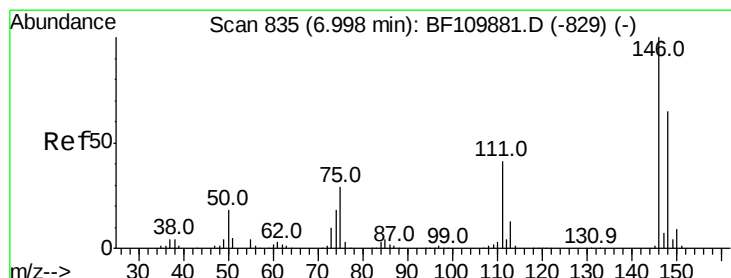
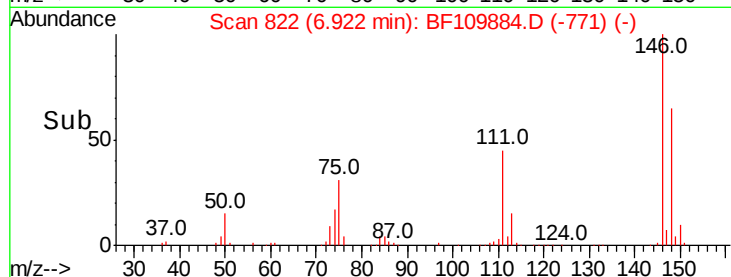
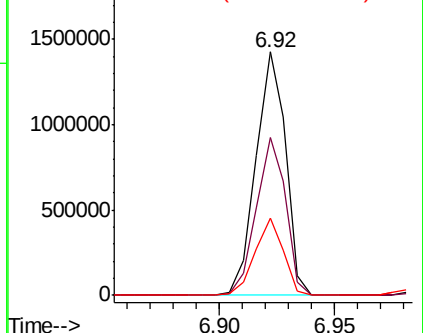
10/16/2018 9:57:23 AM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 63.886 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

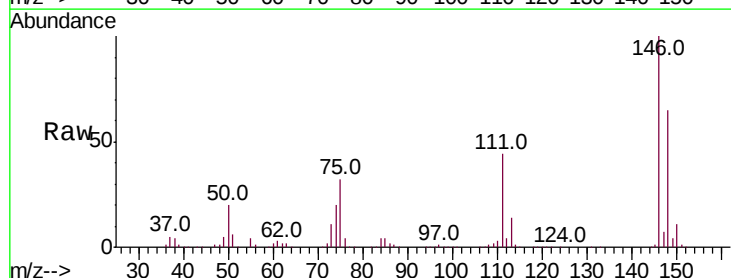
Tgt Ion:146 Resp: 1271461

Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

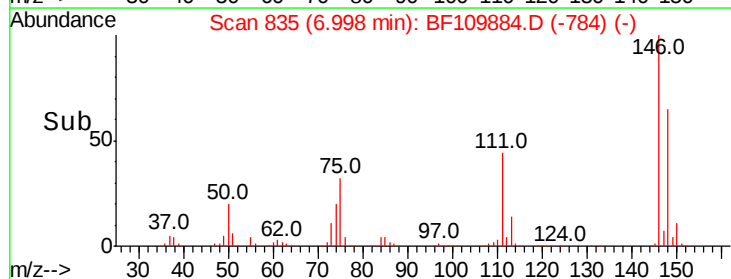
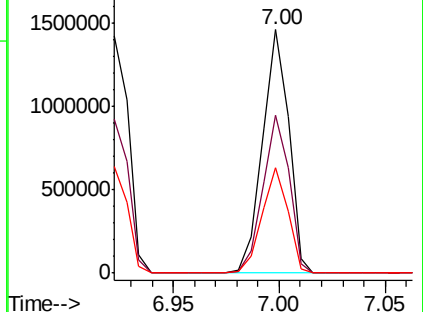
111 43.5 32.7 49.1

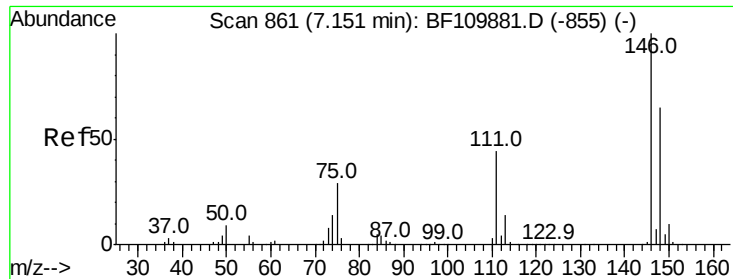


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 65.009 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1136243

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

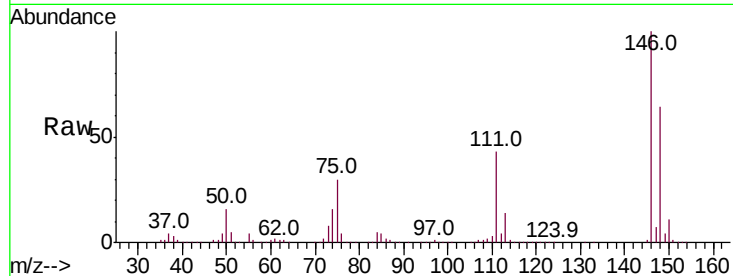
111 43.4 35.8 53.6

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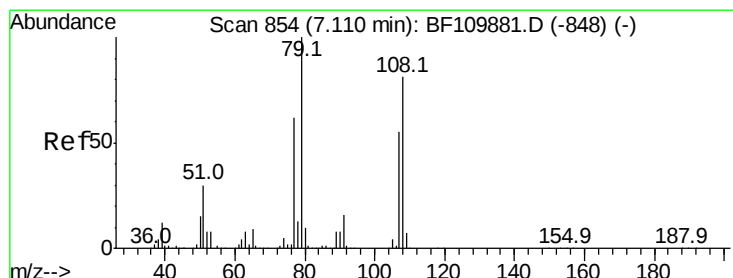
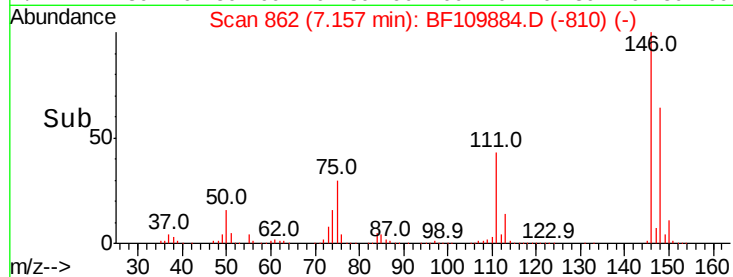
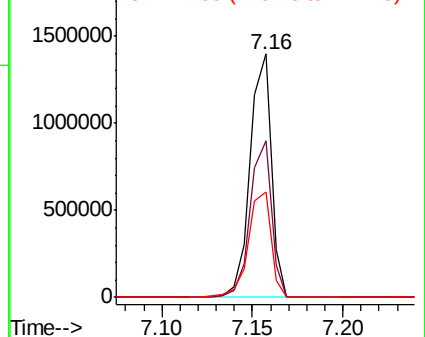


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 79.159 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

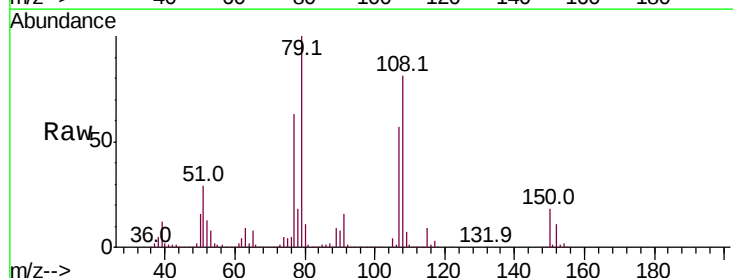
Tgt Ion: 79 Resp: 1017545

Ion Ratio Lower Upper

79 100

108 81.1 56.3 84.5

77 63.3 52.9 79.3

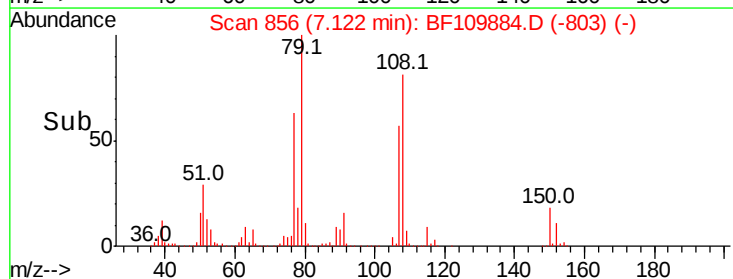
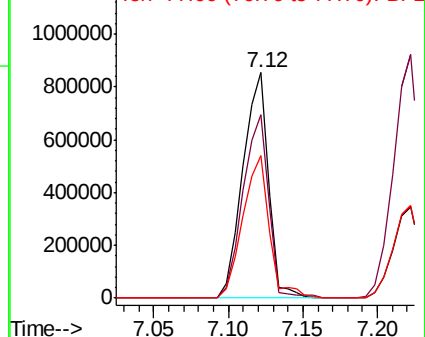


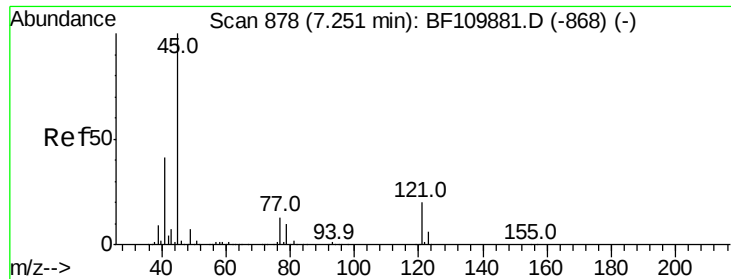
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





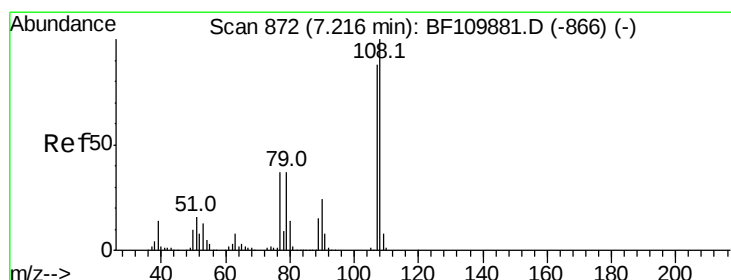
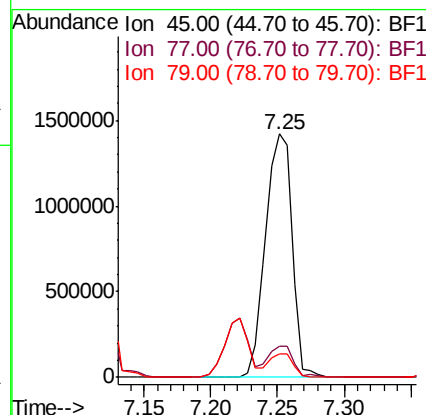
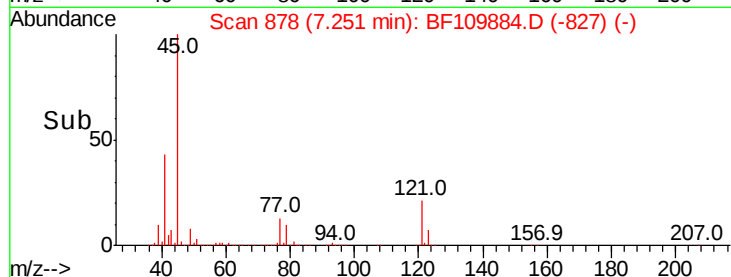
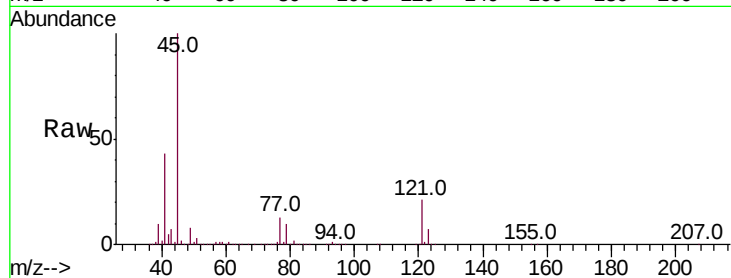
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 89.471 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 45 Resp: 1955547
Ion Ratio Lower Upper
45 100
77 12.8 10.0 50.0
79 9.9 6.1 46.1

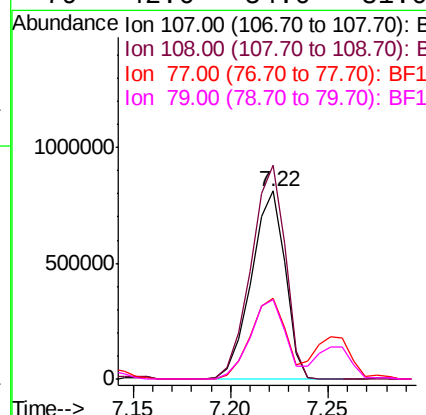
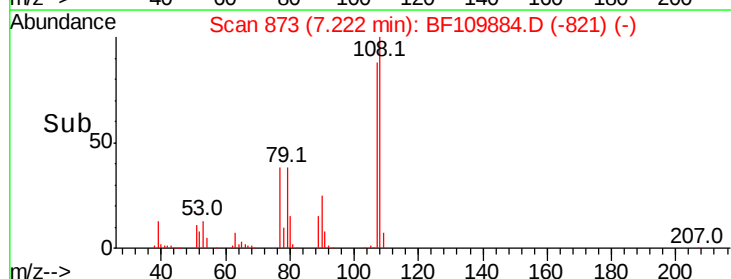
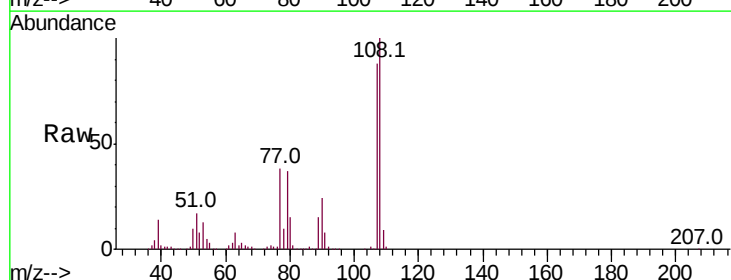
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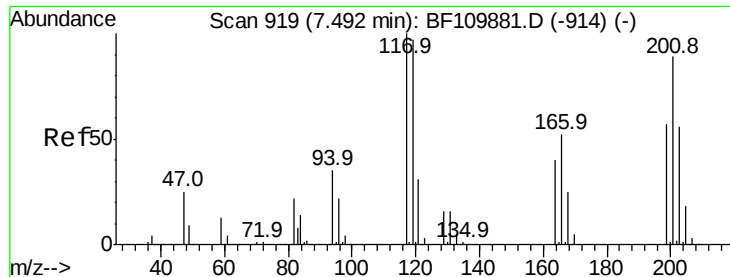
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#17
2-Methylphenol
Concen: 77.174 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion: 107 Resp: 974205
Ion Ratio Lower Upper
107 100
108 113.9 92.6 138.8
77 43.2 59.4 89.2#
79 42.6 54.0 81.0#





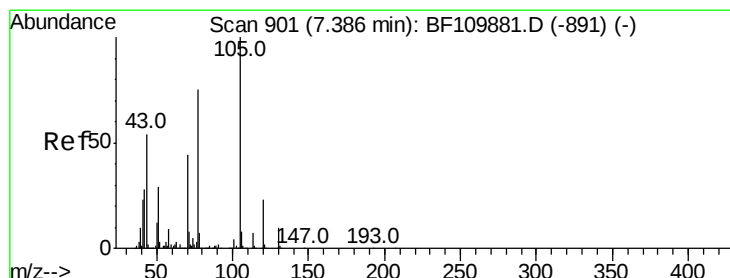
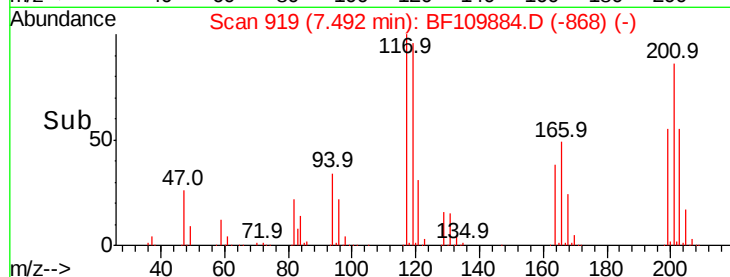
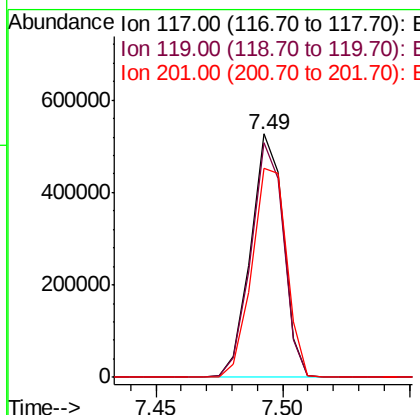
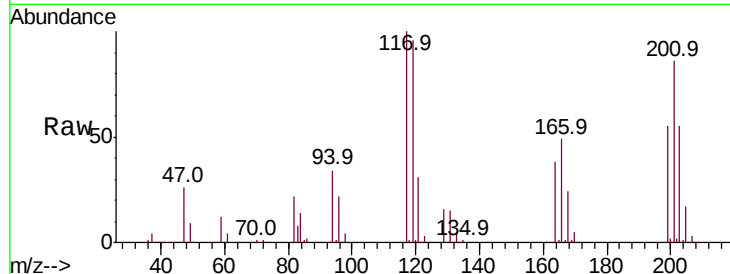
#18
Hexachloroethane
Concen: 67.669 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
117	100	476031		
119	96.2	75.0	112.6	
201	85.7	79.2	118.8	

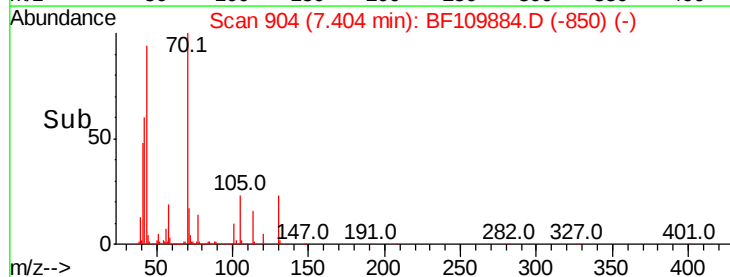
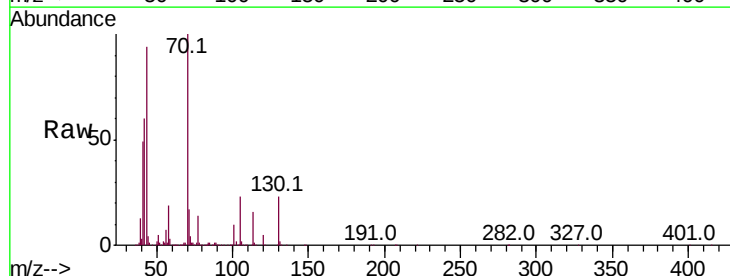
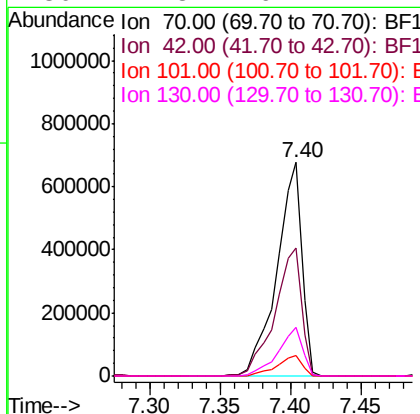
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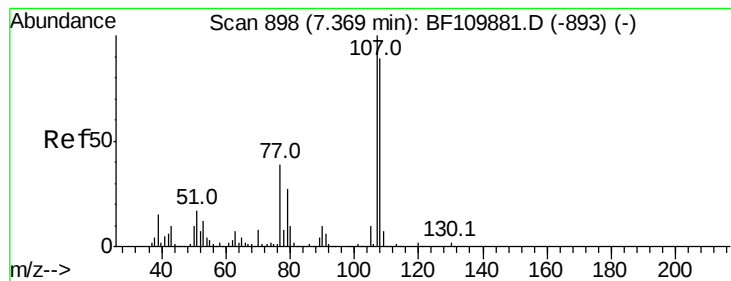
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#19
n-Nitroso-di-n-propylamine
Concen: 69.061 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	839741		
42	59.7	47.4	71.2	
101	9.7	7.3	10.9	
130	22.8	16.2	24.2	





#20

3+4-Methylphenols

Concen: 73.612 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:107 Resp: 1145028

Ion Ratio Lower Upper

107 100

108 92.1 71.4 111.4

77 61.0 47.3 87.3

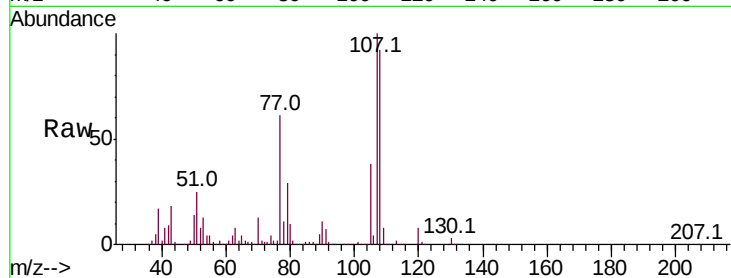
79 28.8 10.9 50.9

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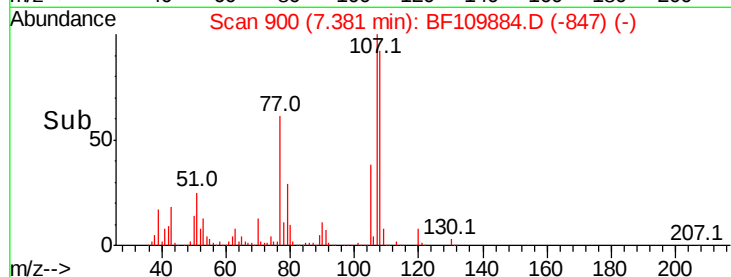
Abundance

Ion 107.00 (106.70 to 107.70): E

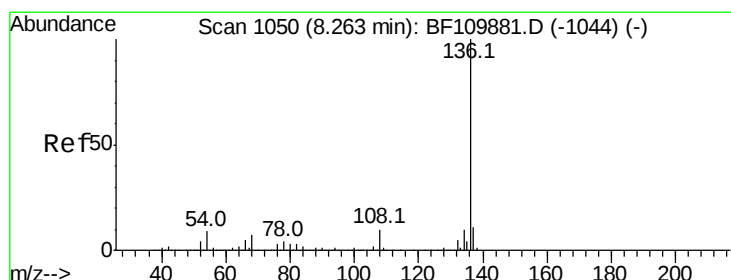
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion:136 Resp: 949085

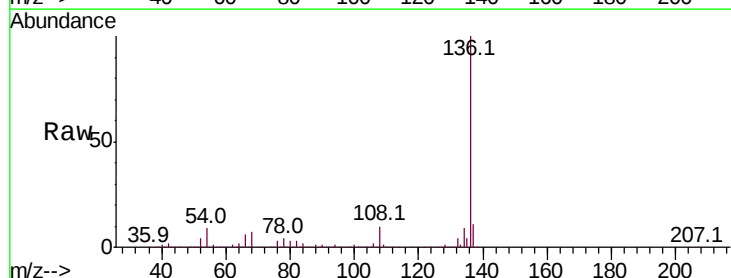
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.9 5.4 8.2#

68 6.8 4.2 6.2#



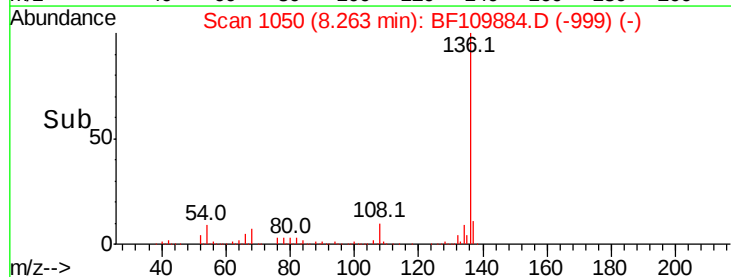
Abundance

Ion 136.00 (135.70 to 136.70): E

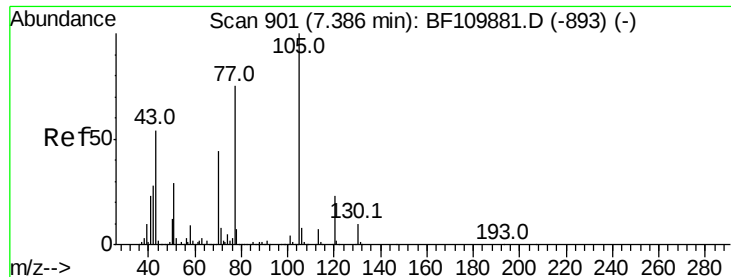
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



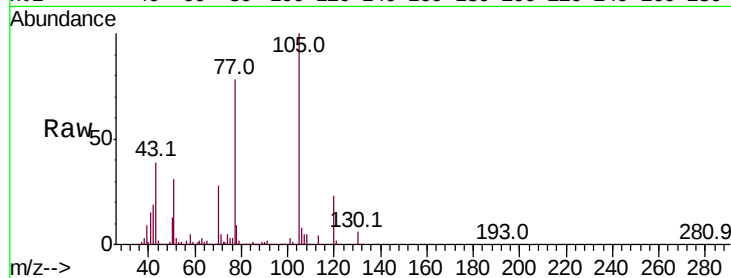
#22
Acetophenone
Concen: 64.658 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
105	105	100		
71	71	4.8	5.2	7.8#
51	51	30.6	21.8	32.8
120	120	22.7	17.0	25.4

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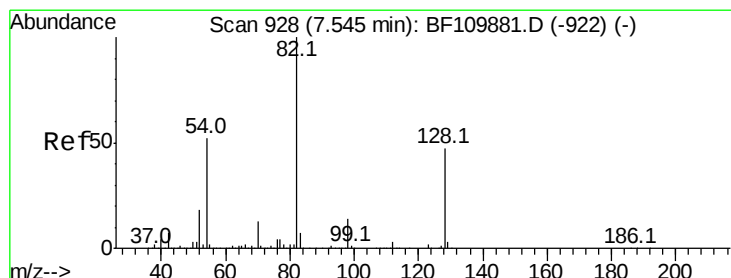
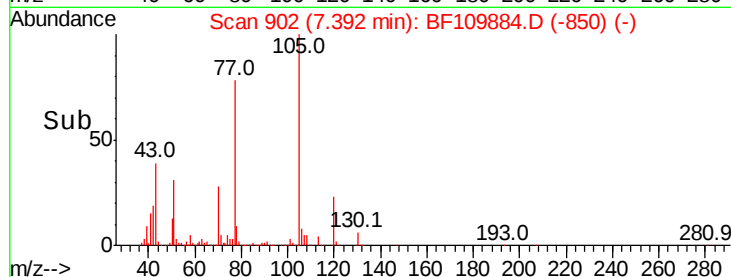
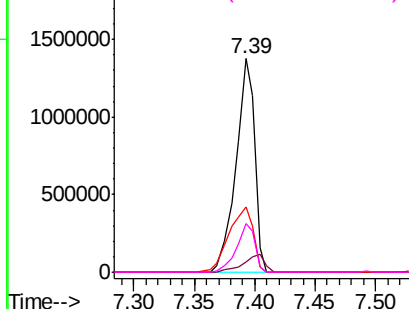
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 131.766 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

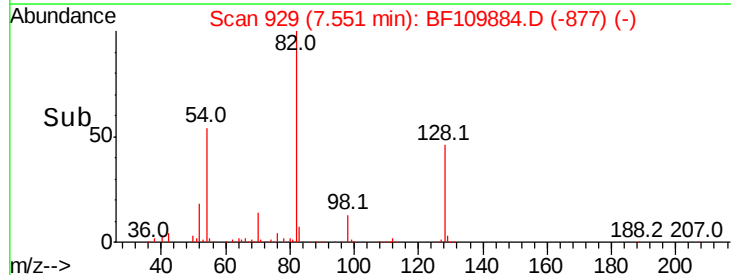
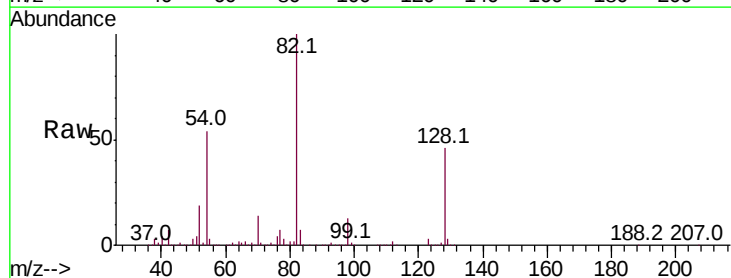
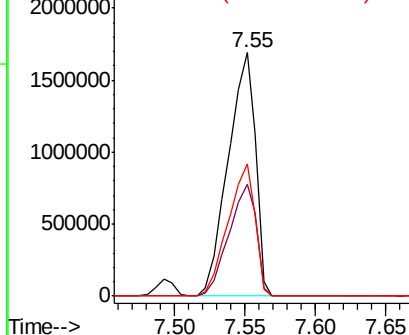
Tgt Ion	Ion	Ratio	Lower	Upper
82	82	100		
128	128	45.9	34.2	51.2
54	54	54.4	38.6	58.0

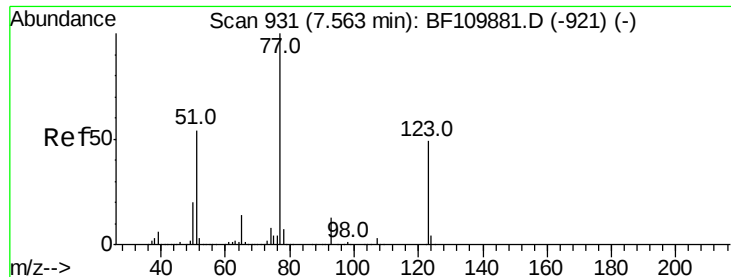
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 67.101 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1202173

Ion Ratio Lower Upper

77 100

123 48.5 35.7 53.5

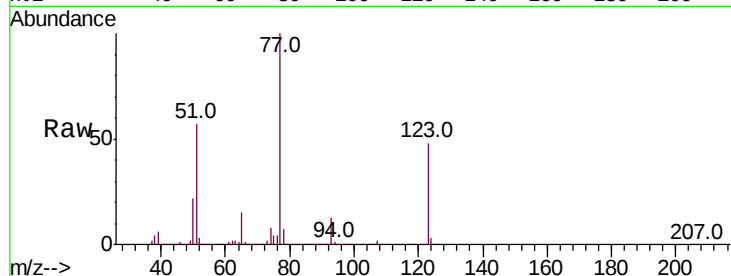
65 14.7 10.7 16.1

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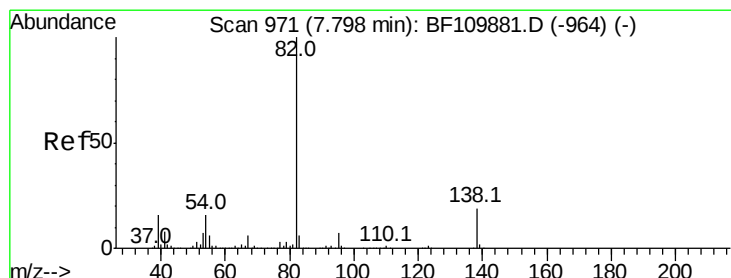
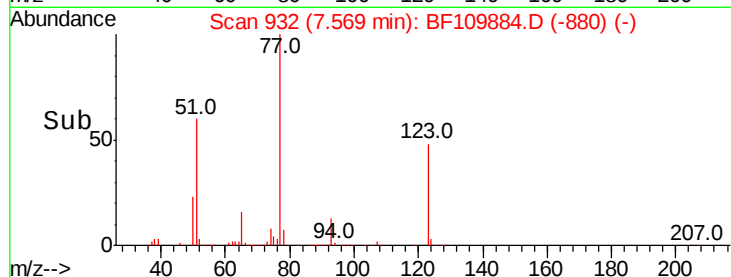
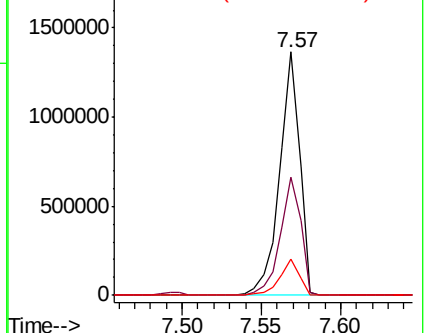
10/16/2018 9:57:23 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 73.010 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

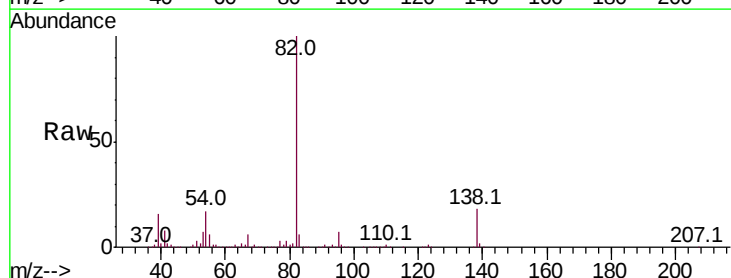
Tgt Ion: 82 Resp: 2087412

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

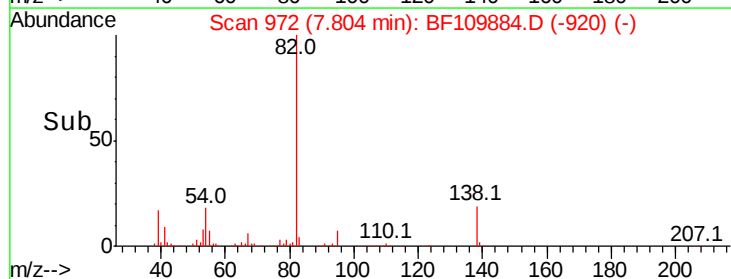
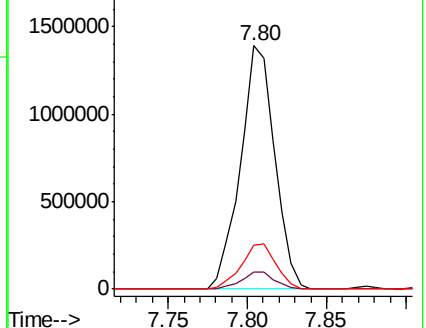
138 18.1 13.2 19.8

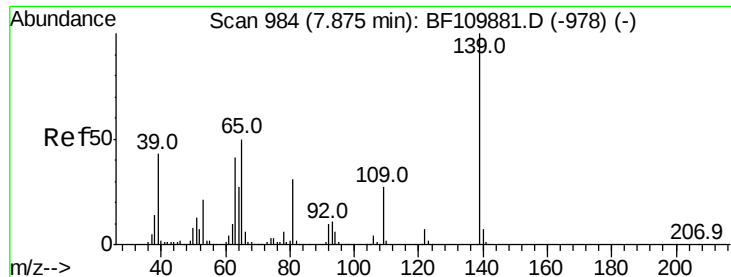


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 67.812 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

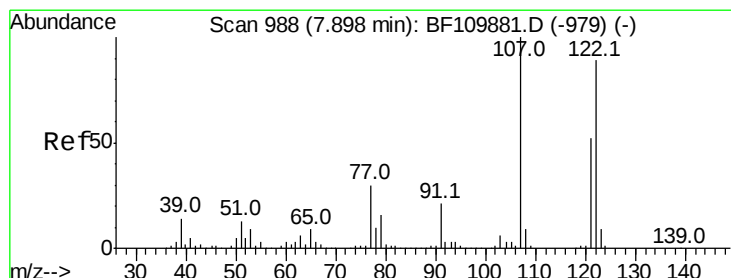
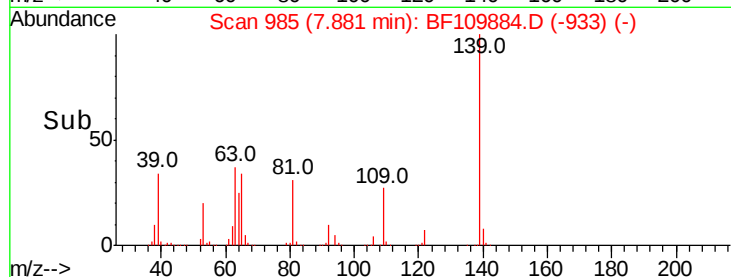
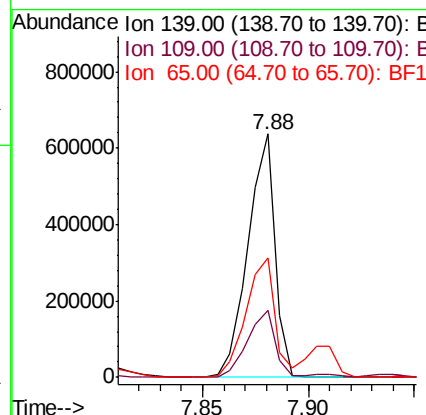
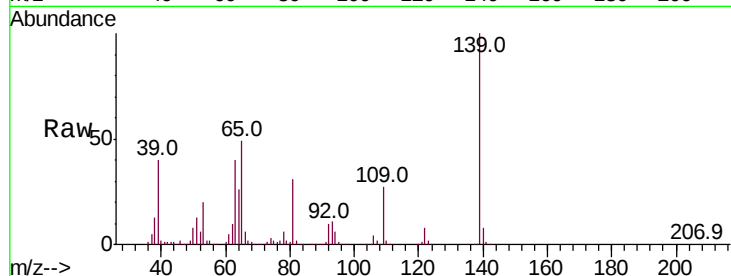
ClientSampleId :

SSTDIC080

Tot Ion:	139	Resp:	568270
Ion Ratio	Lower	Upper	
139	100		
109	27.5	25.0	37.6
65	48.9	44.0	66.0

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#27

2,4-Dimethylphenol

Concen: 81.565 ng

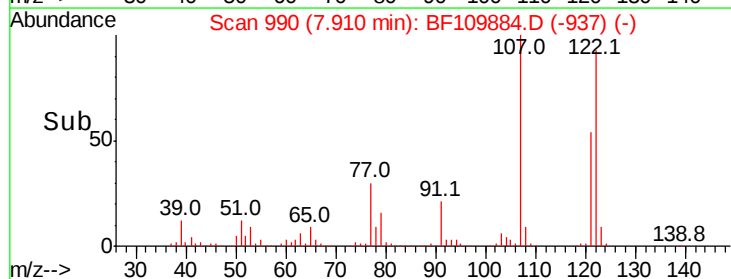
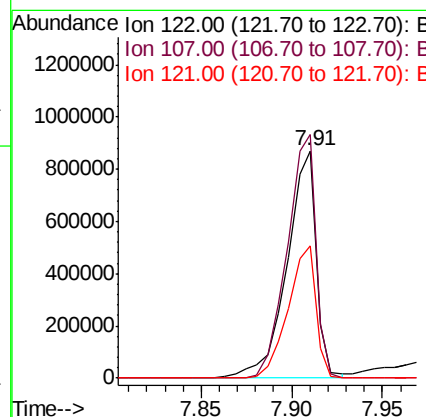
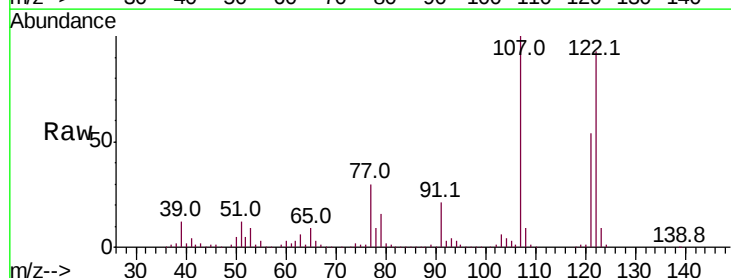
RT: 7.91 min Scan# 990

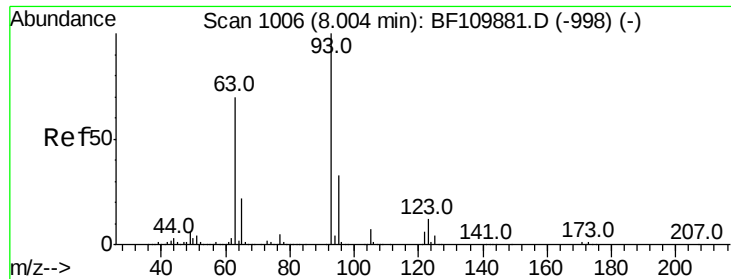
Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion:	122	Resp:	987041
Ion Ratio	Lower	Upper	
122	100		
107	107.1	92.5	138.7
121	58.2	45.8	68.8





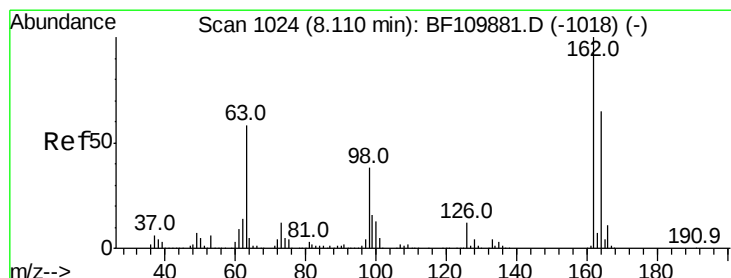
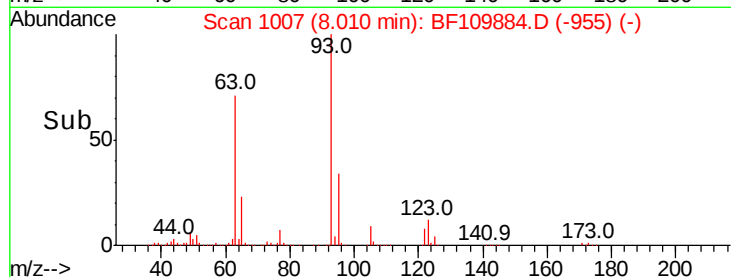
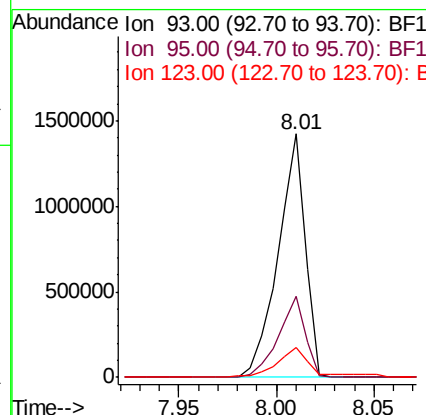
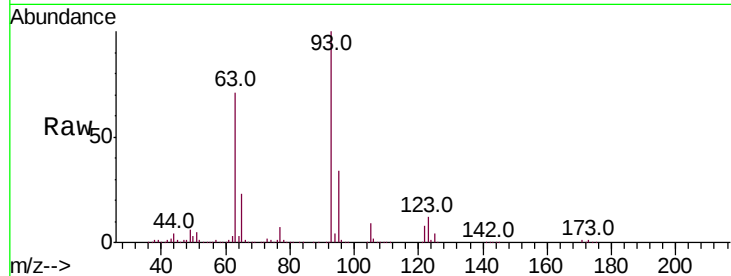
#28
 bis(2-Chloroethoxy)methane
 Concen: 70.782 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.4	39.6
123	12.2	9.0	13.6

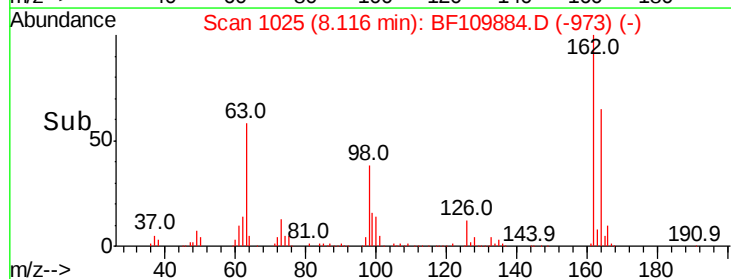
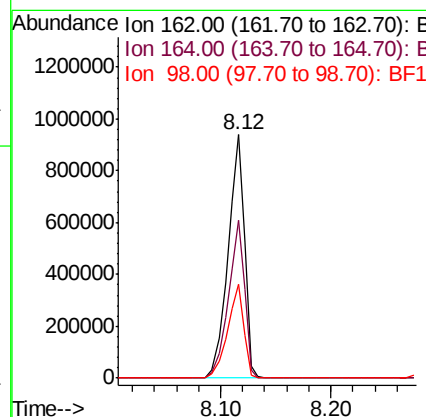
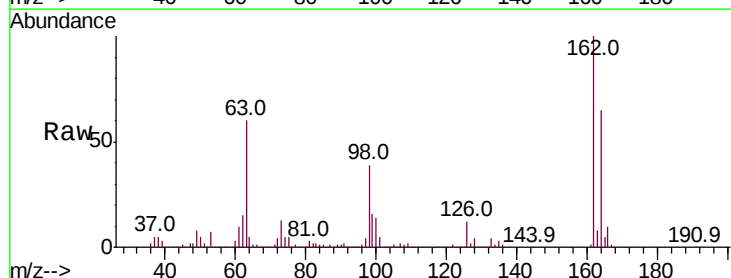
Manual Integrations
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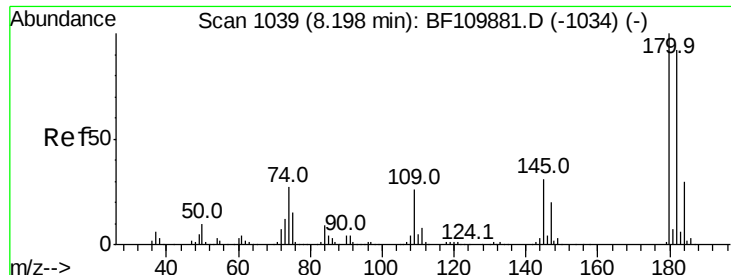
Sohil
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#29
 2,4-Dichlorophenol
 Concen: 71.965 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	38.6	17.4	57.4





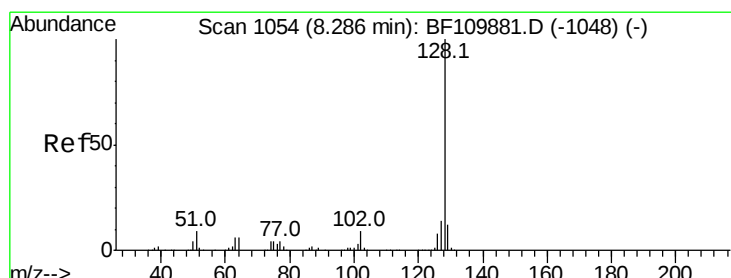
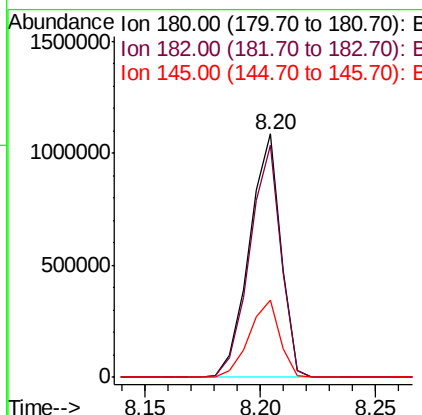
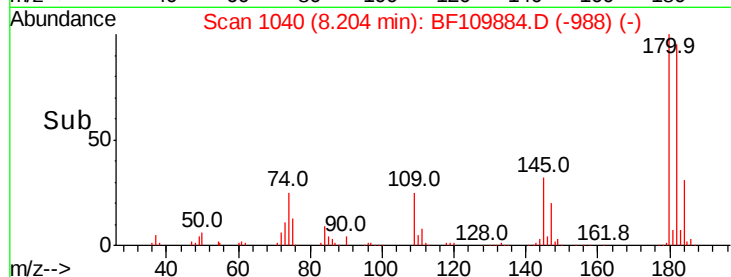
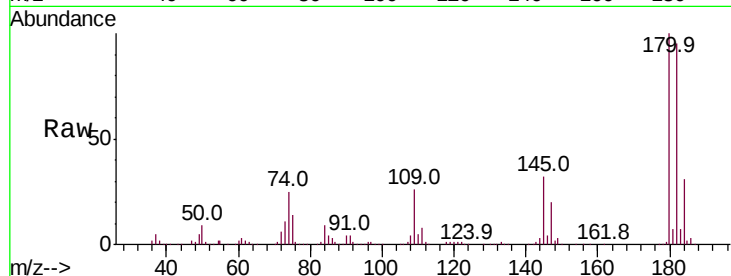
#30
 1,2,4-Trichlorobenzene
 Concen: 68.674 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	80.3	120.5
145	31.5	25.4	38.0

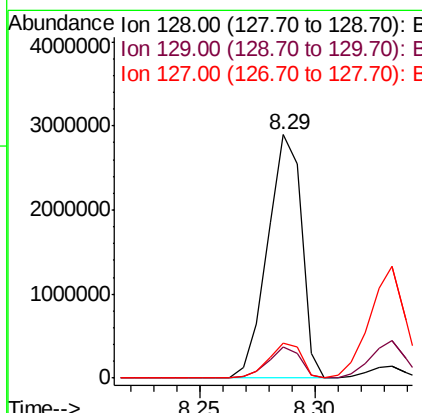
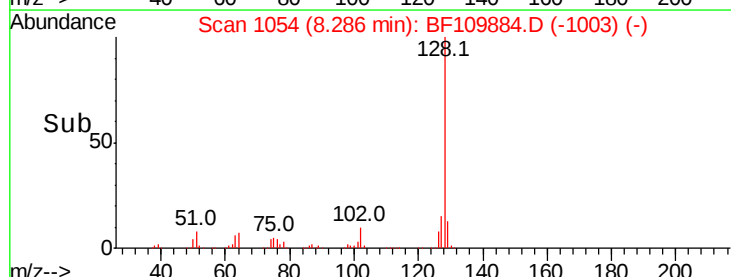
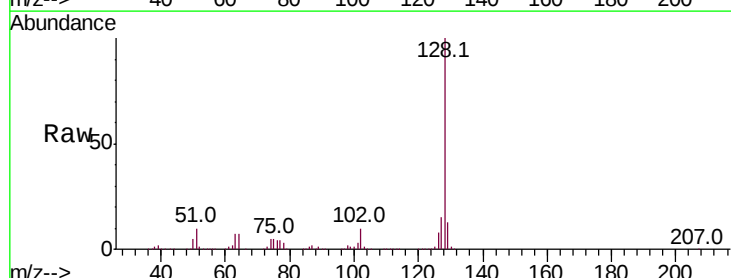
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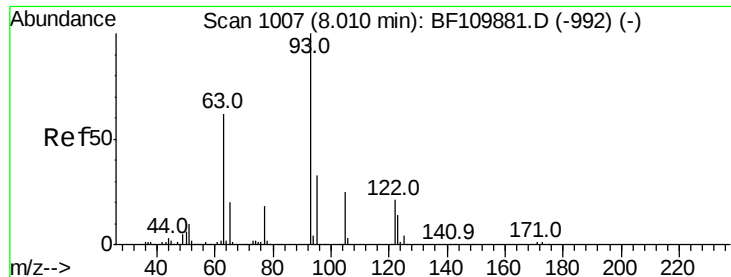
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#31
 Naphthalene
 Concen: 67.228 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.8	13.2
127	14.6	10.8	16.2





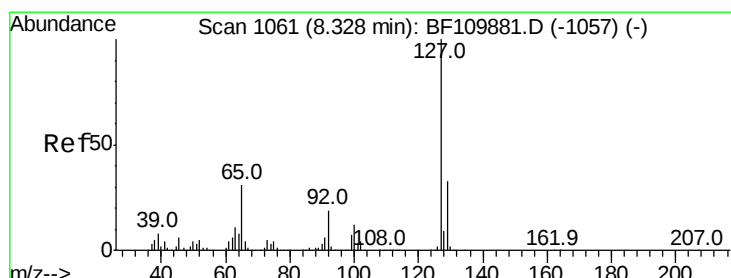
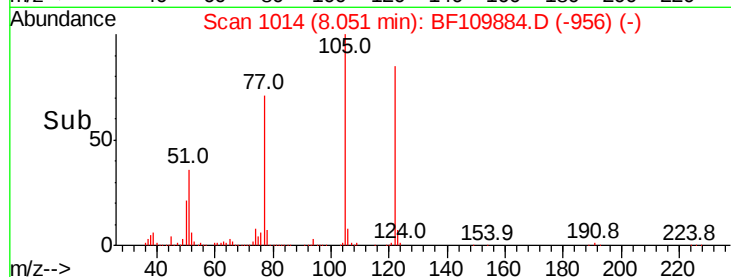
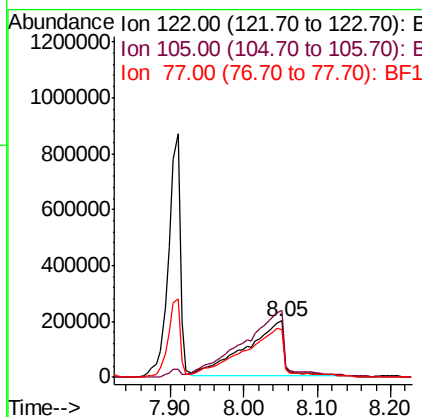
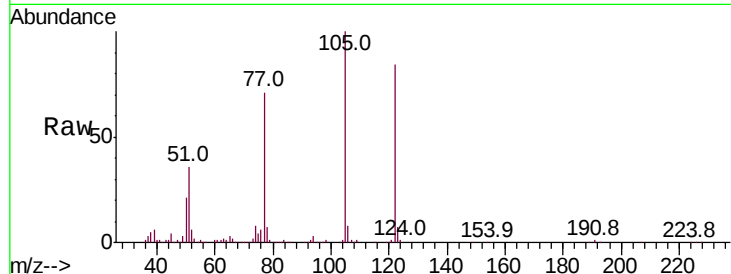
#32
Benzoic acid
Concen: 82.859 ng m
RT: 8.05 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.5	109.0	149.0
77	84.7	79.0	119.0

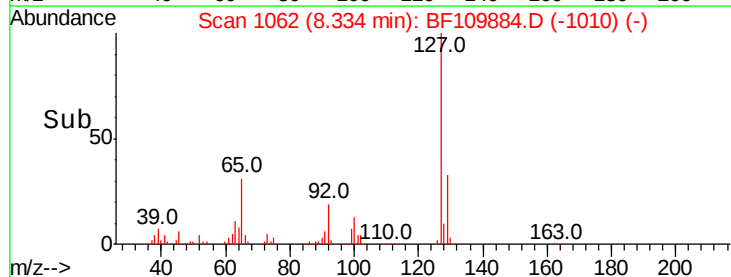
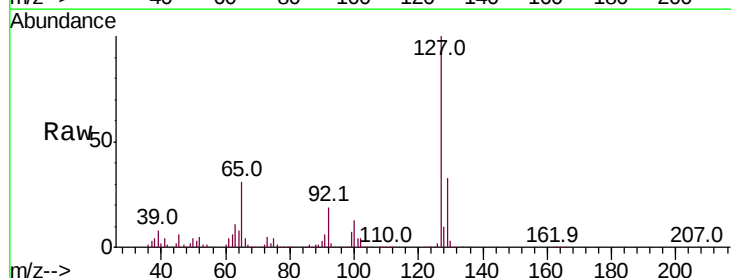
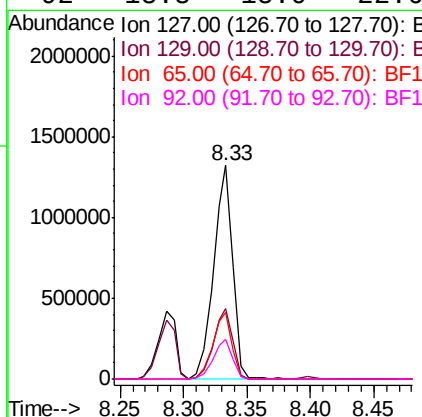
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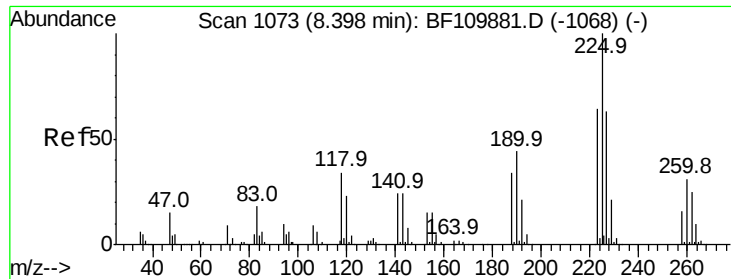
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#33
4-Chloroaniline
Concen: 71.941 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.0	25.1	37.7
92	18.8	15.0	22.6





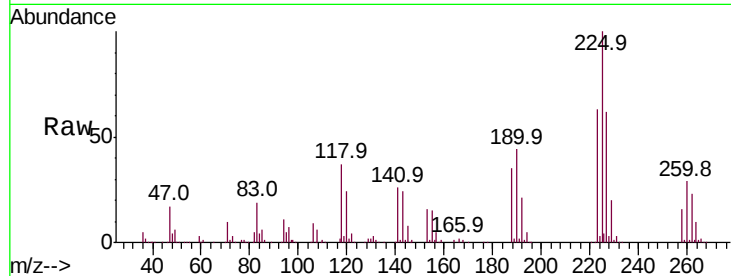
#34
Hexachlorobutadiene
Concen: 61.020 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

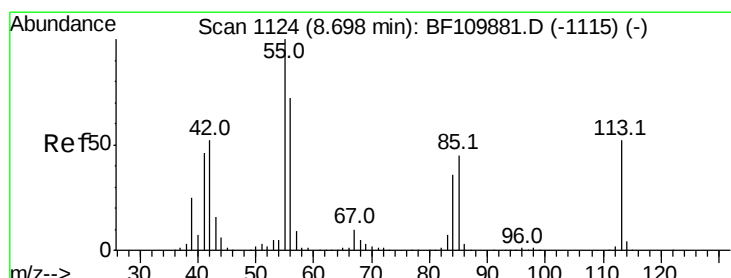
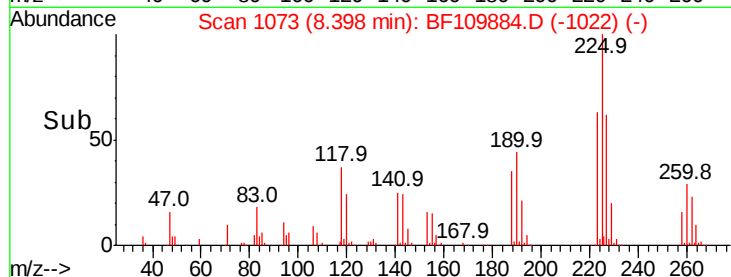
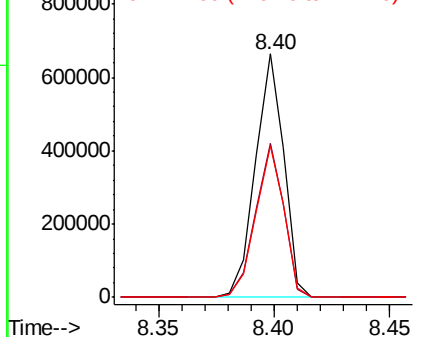
Tot Ion	Ratio	Resp	Lower	Upper
225	100	570092		
223	63.2		51.4	77.2
227	62.2		51.0	76.6

Manual Integrations
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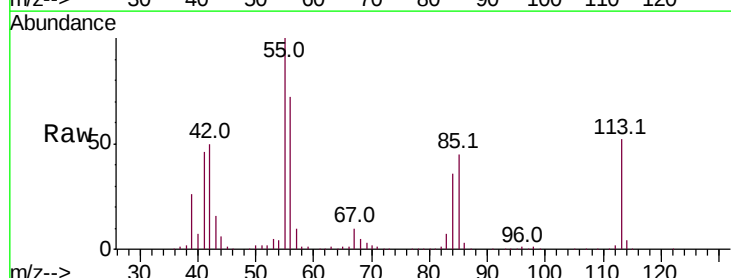


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

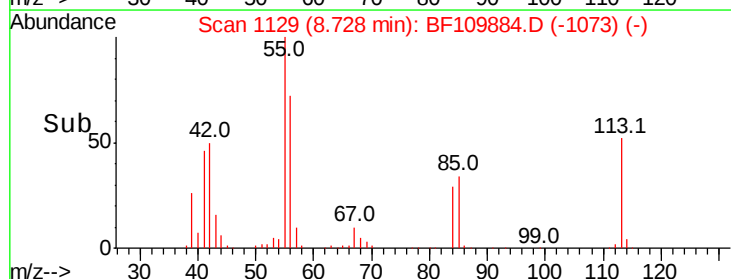
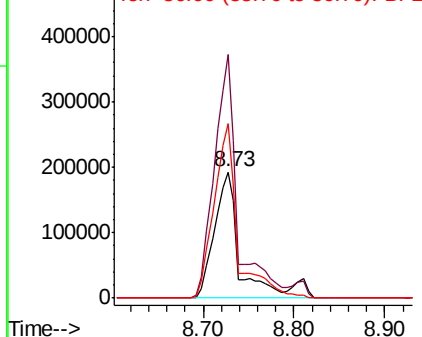


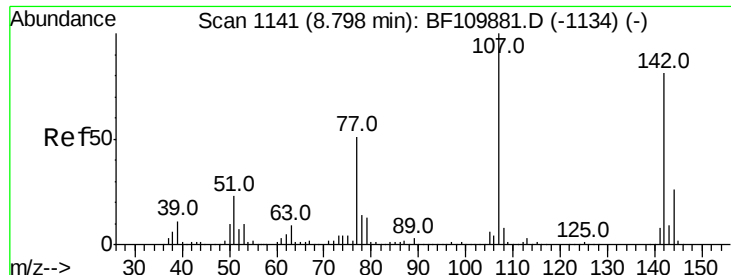
#35
Caprolactam
Concen: 95.201 ng m
RT: 8.73 min Scan# 1129
Delta R.T. 0.03 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	385911		
55	192.7		142.8	182.8#
56	138.4		105.0	145.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





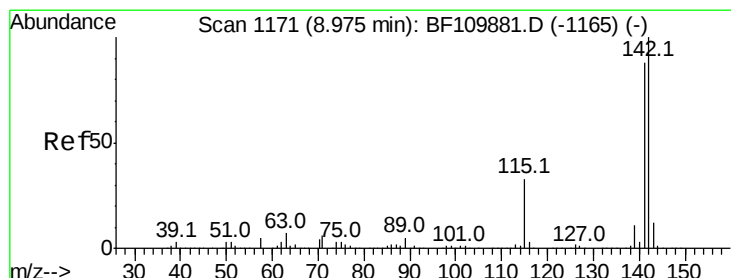
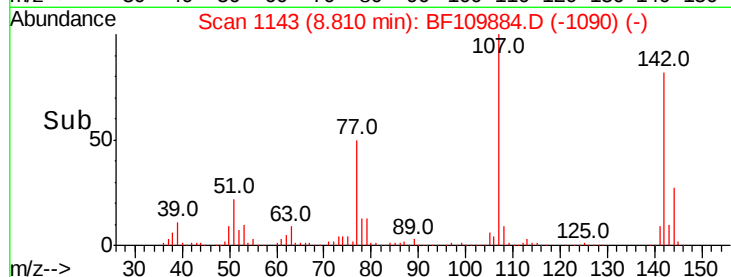
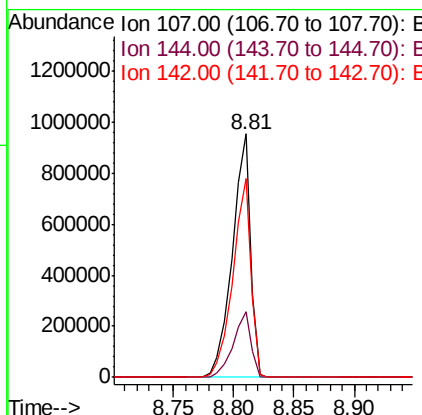
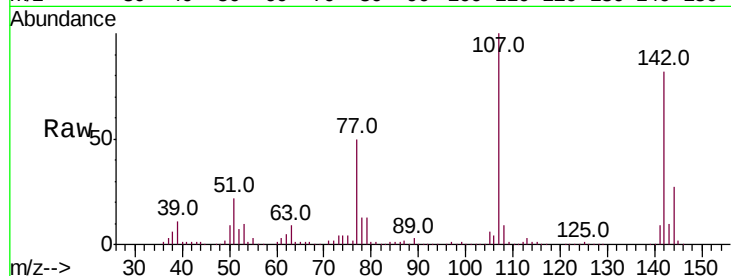
#36
 4-Chloro-3-methylphenol
 Concen: 70.062 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:107 Resp: 1003852
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.0 30.0
 142 81.9 59.7 89.5

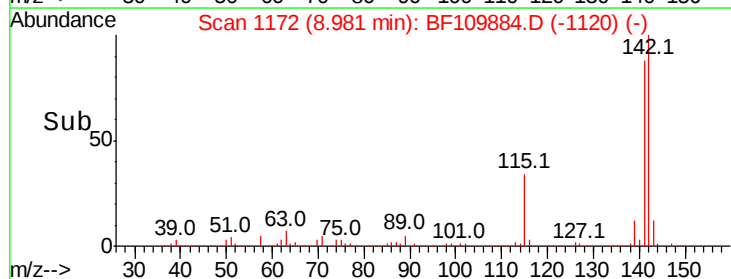
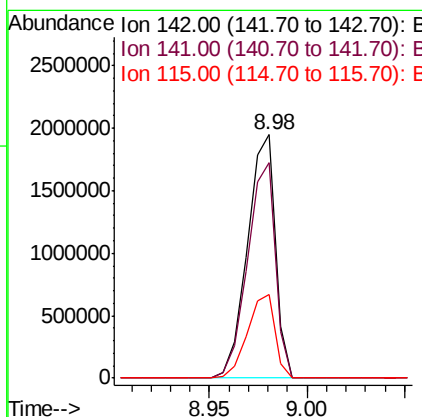
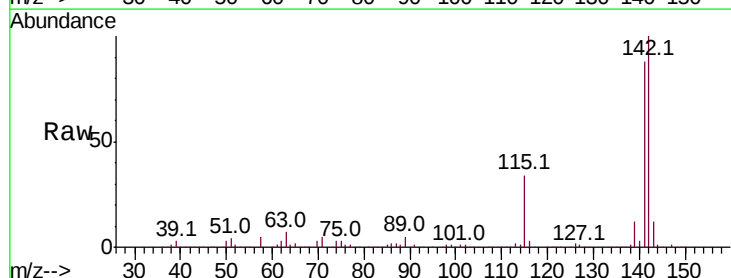
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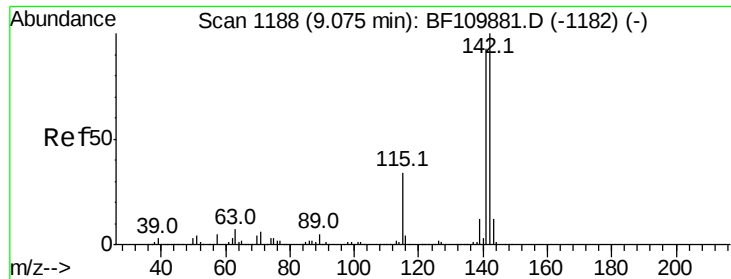
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#37
 2-Methylnaphthalene
 Concen: 67.156 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion:142 Resp: 1930832
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.4 107.2
 115 34.1 28.7 43.1





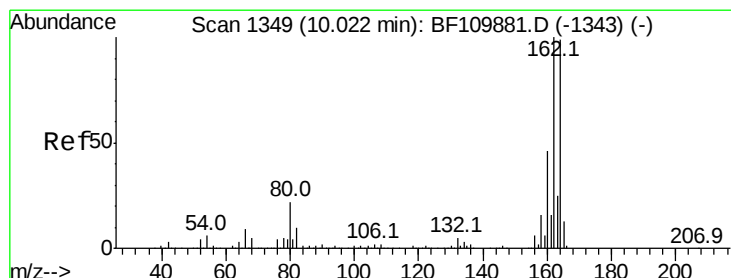
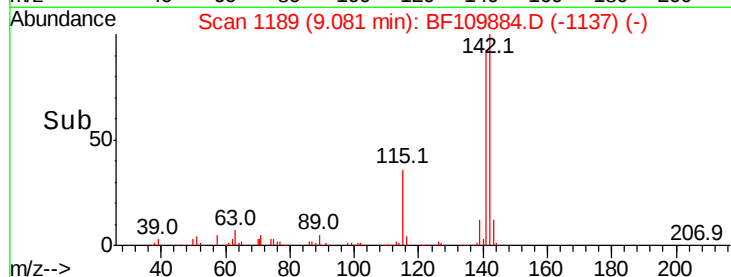
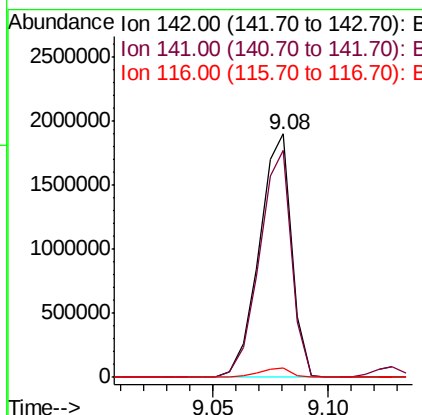
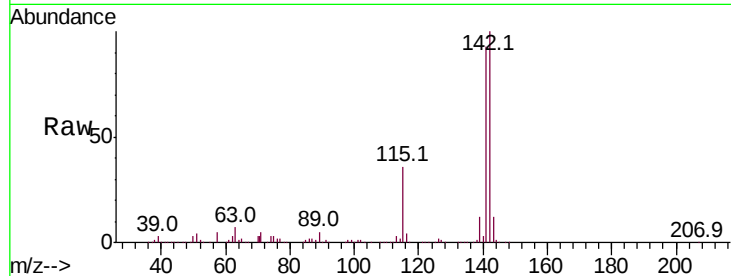
#38
1-Methylnaphthalene
Concen: 64.509 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	3.6	2.6	4.0

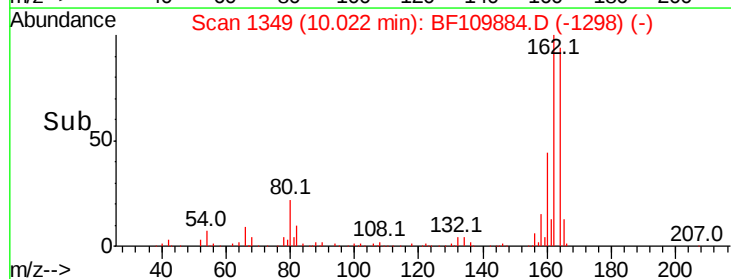
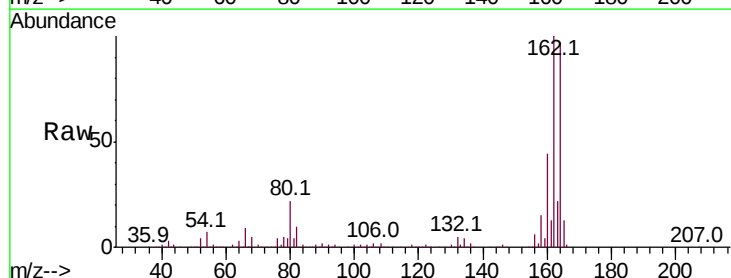
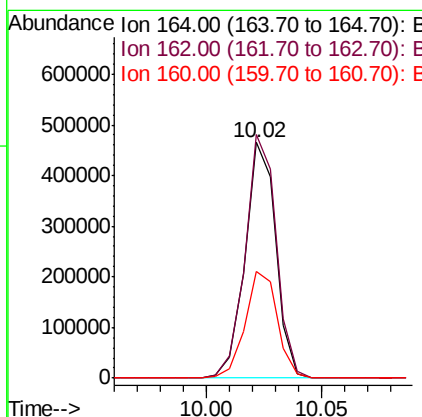
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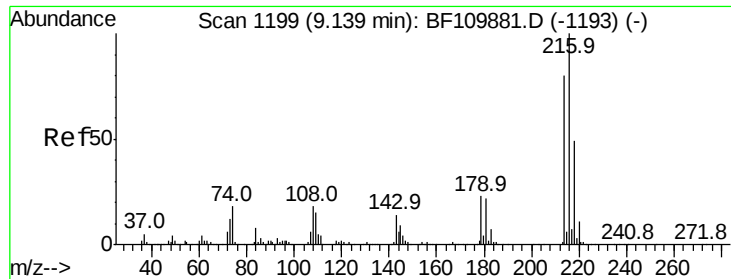
Sohil
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	45.5	37.0	55.6





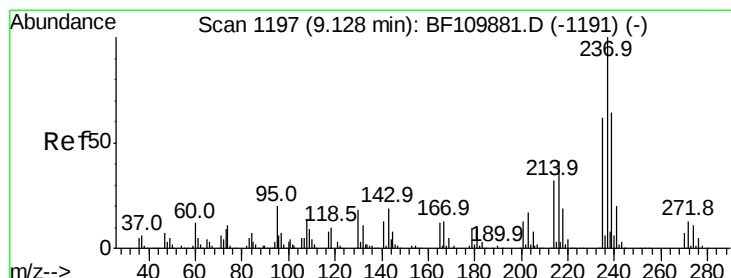
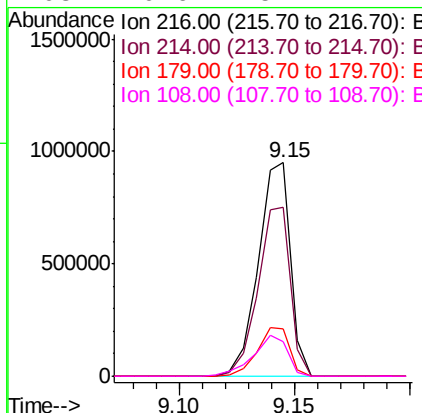
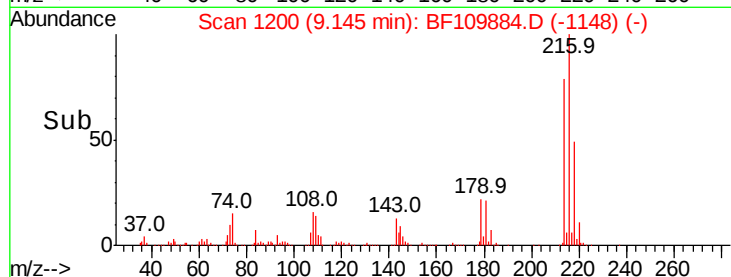
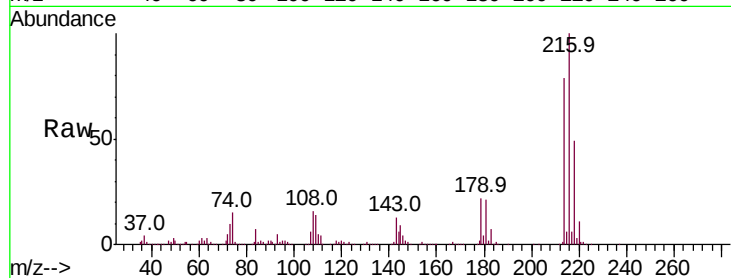
#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.539 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
216	100	925198		
214	79.6	63.8	95.6	
179	23.0	16.6	25.0	
108	20.6	15.1	22.7	

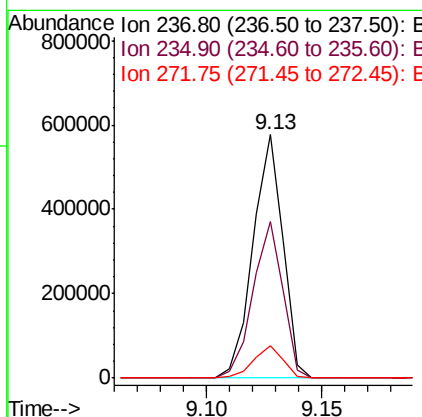
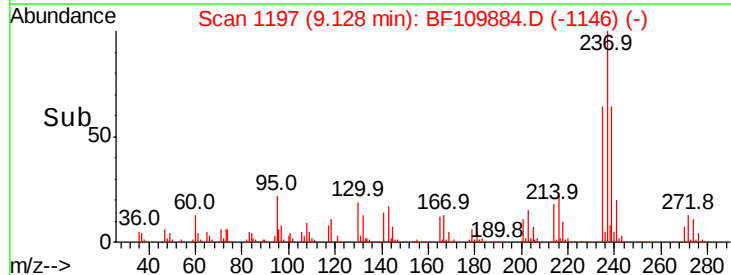
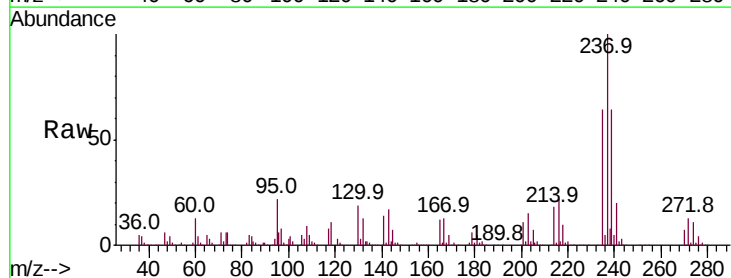
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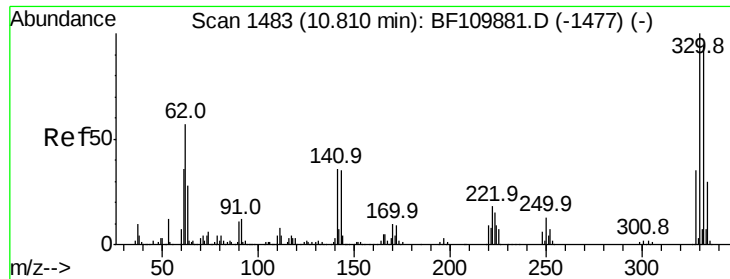
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#41
Hexachlorocyclopentadiene
Concen: 96.520 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	521079		
235	64.2	43.1	83.1	
272	13.1	0.0	32.6	





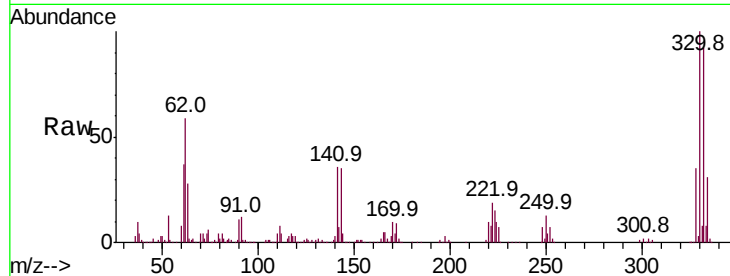
#42
 2,4,6-Tribromophenol
 Concen: 119.216 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	564544		
332	94.4	77.1	115.7	
141	35.6	27.0	40.4	

Manual Integrations
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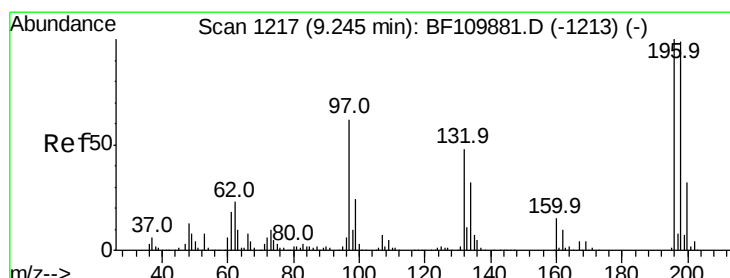
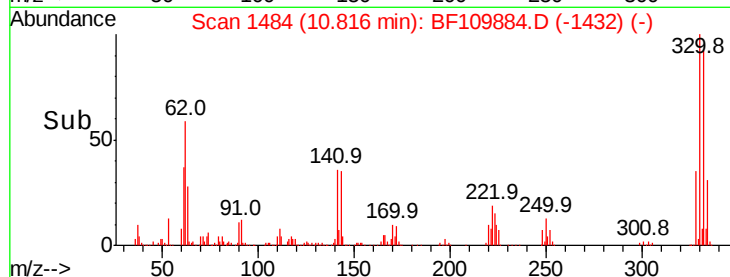
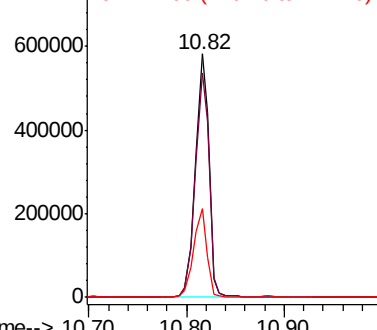


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 73.368 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

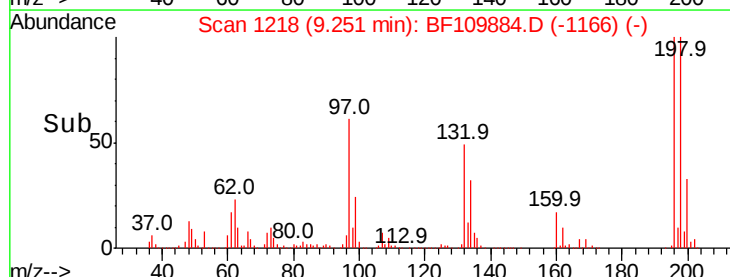
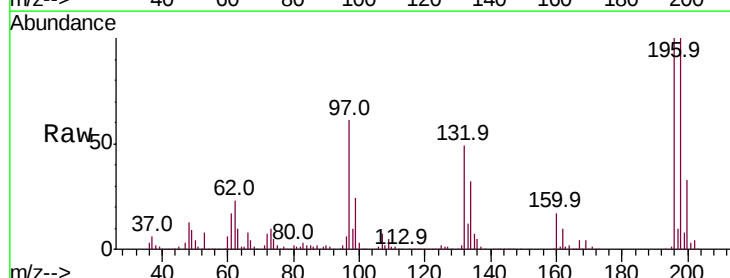
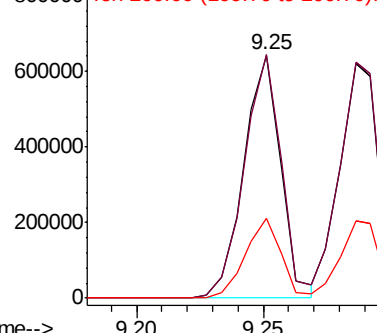
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	648856		
198	100.5	76.2	114.4	
200	33.0	24.4	36.6	

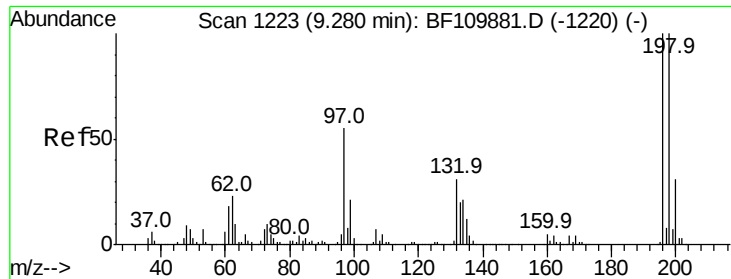
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





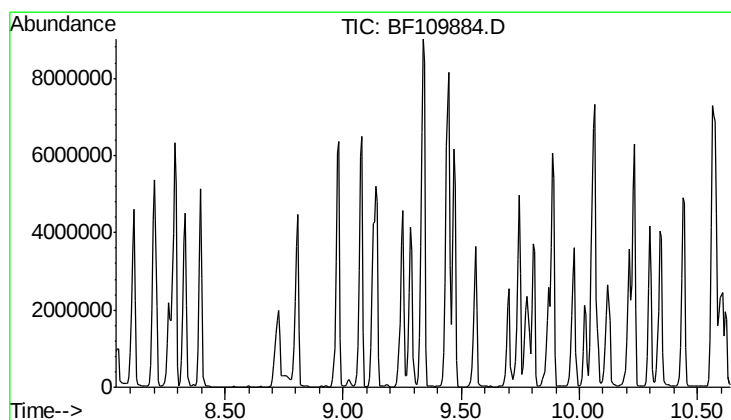
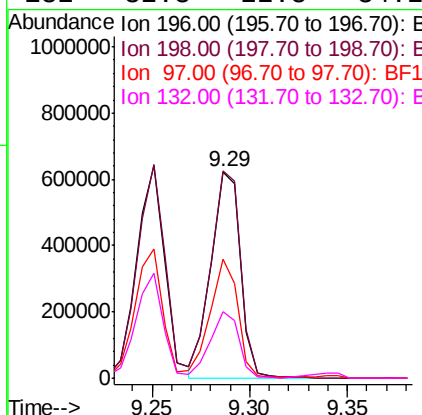
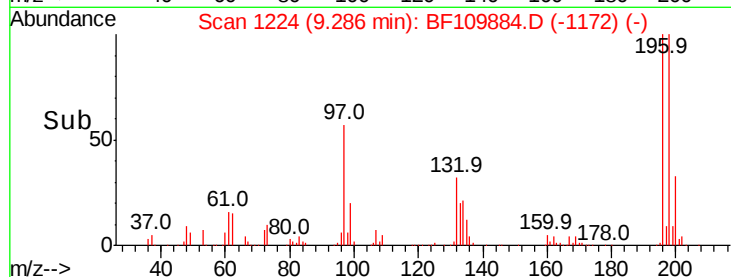
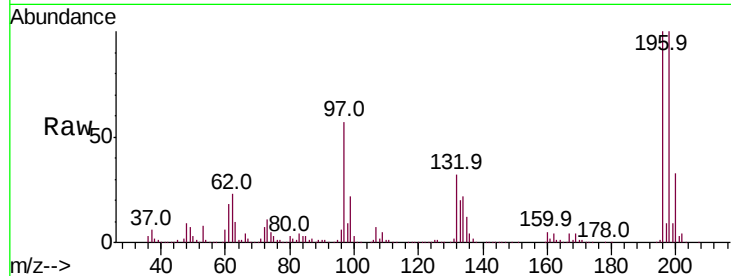
#44
 2,4,5-Trichlorophenol
 Concen: 64.574 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion	196	Resp	656620
Ion Ratio	Lower	Upper	
196	100		
198	100.2	75.8	113.6
97	57.6	42.4	63.6
132	32.3	22.8	34.2

Manual Integrations
 APPROVED

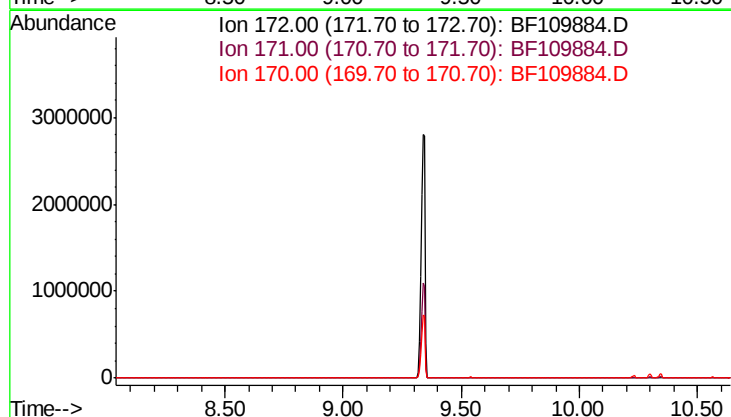
Sohil
 10/16/2018 9:57:23 AM

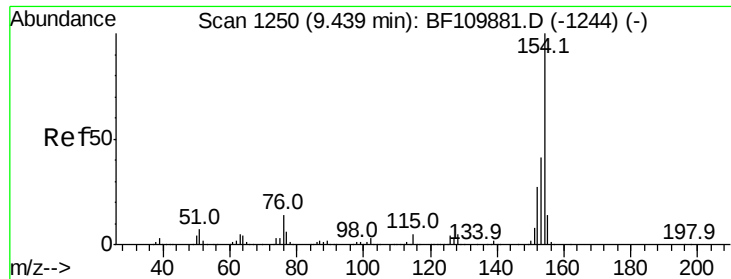


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.34 min

Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	172
Sig	Exp Ratio
172	100
171	35.8
170	24.6





#46

1,1'-Biphenyl

Concen: 65.734 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 2552140

Ion Ratio Lower Upper

154 100

153 43.3 20.4 60.4

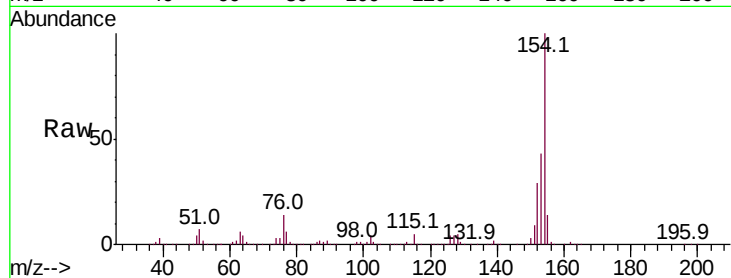
76 13.8 0.0 31.9

Manual Integrations

APPROVED

Sohil

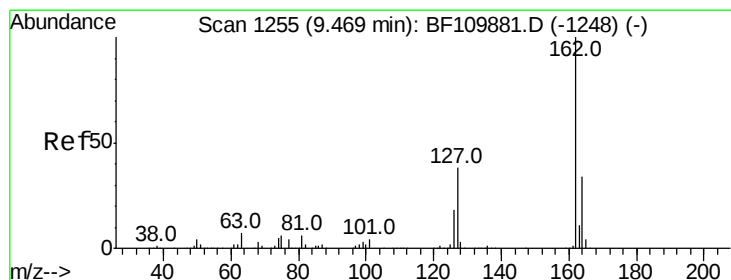
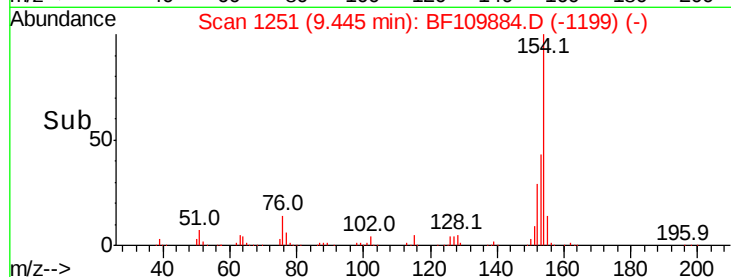
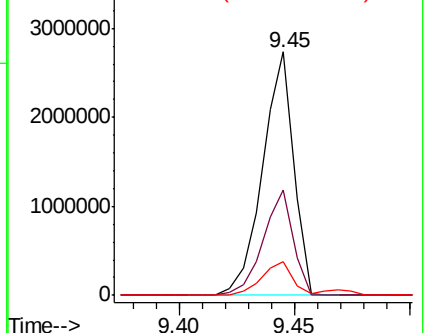
10/16/2018 9:57:23 AM



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



#47

2-Chloronaphthalene

Concen: 67.870 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

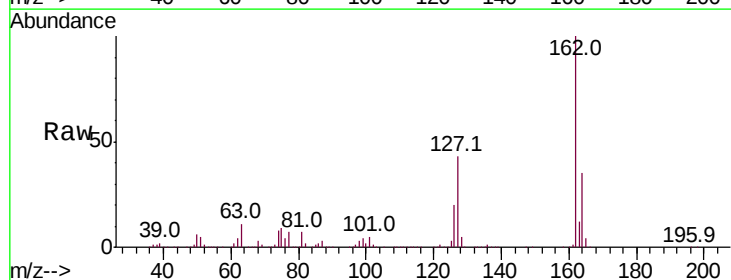
Tgt Ion:162 Resp: 1974174

Ion Ratio Lower Upper

162 100

127 42.7 32.6 48.8

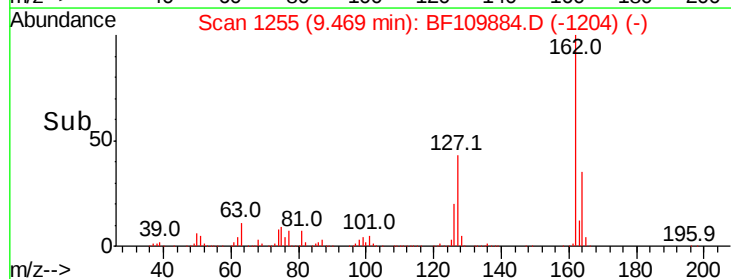
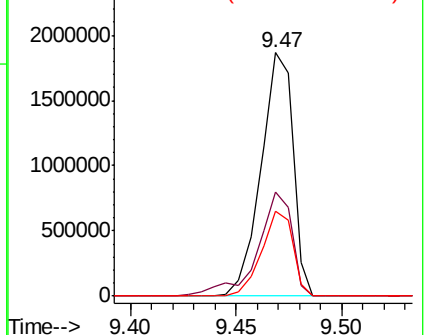
164 34.8 25.9 38.9

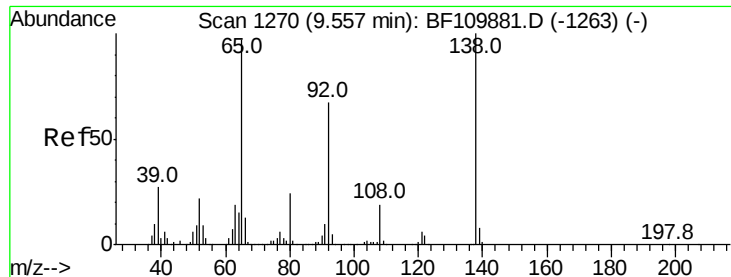


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





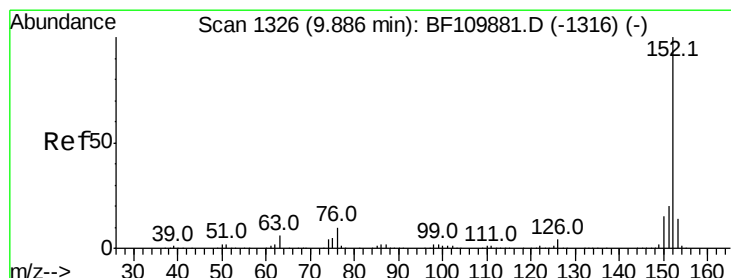
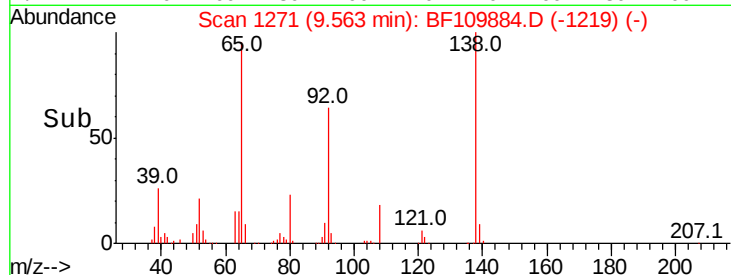
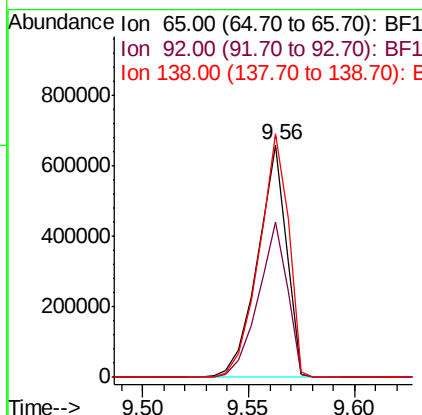
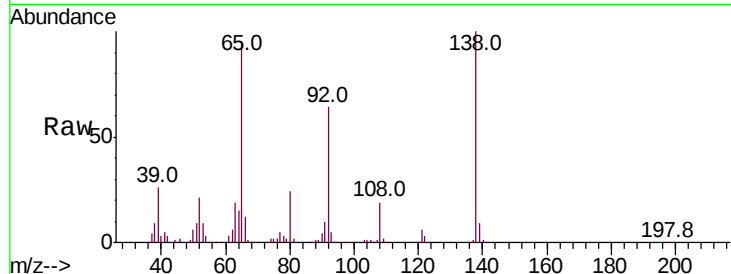
#48
2-Nitroaniline
Concen: 71.270 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.7	54.6	81.8
138	104.8	80.3	120.5

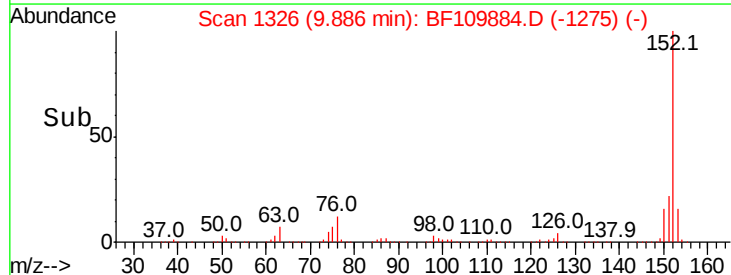
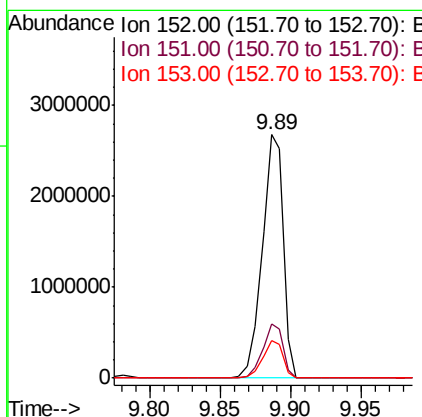
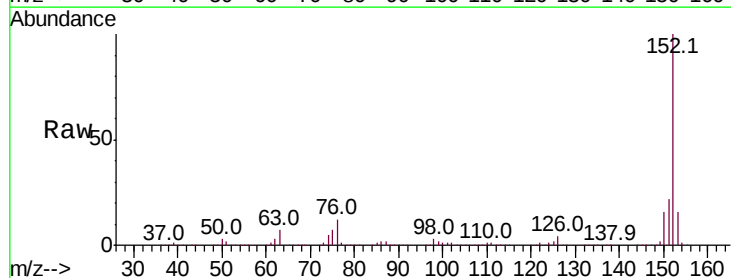
Manual Integrations
APPROVED

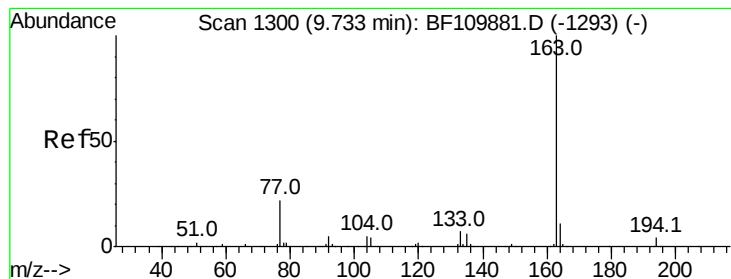
Sohil
10/16/2018 9:57:23 AM



#49
Acenaphthylene
Concen: 66.510 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.8	23.8
153	15.6	10.4	15.6





#50

Dimethylphthalate

Concen: 68.698 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:163 Resp: 2189672

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

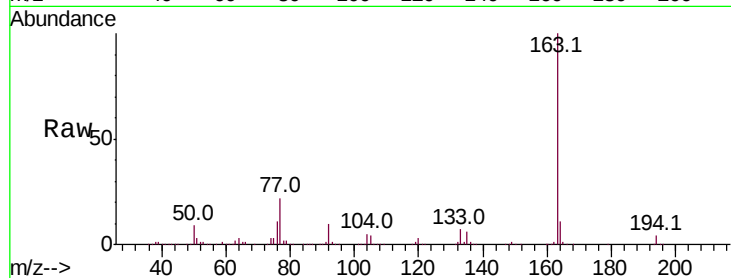
164 10.8 8.1 12.1

Manual Integrations

APPROVED

Sohil

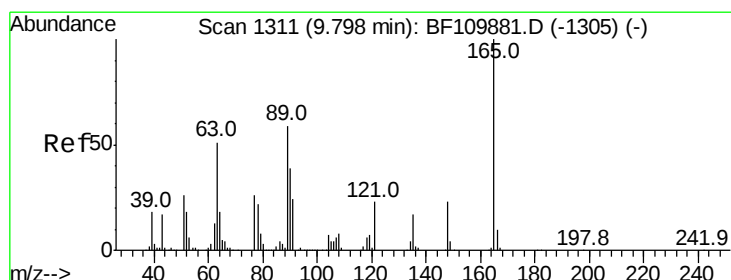
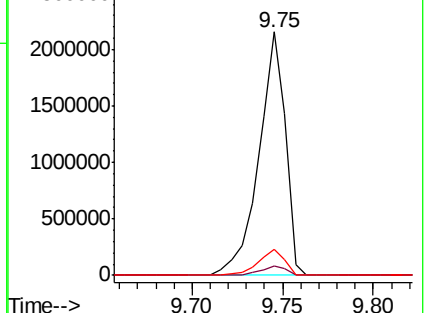
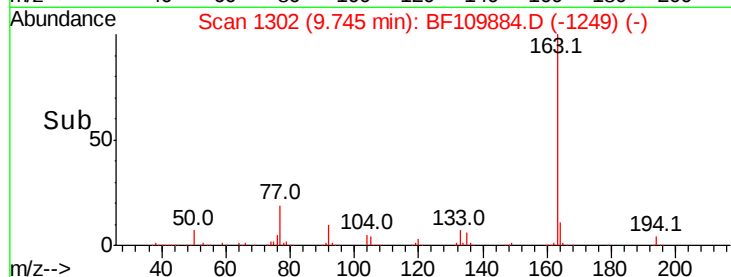
10/16/2018 9:57:23 AM



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



#51

2,6-Dinitrotoluene

Concen: 71.763 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

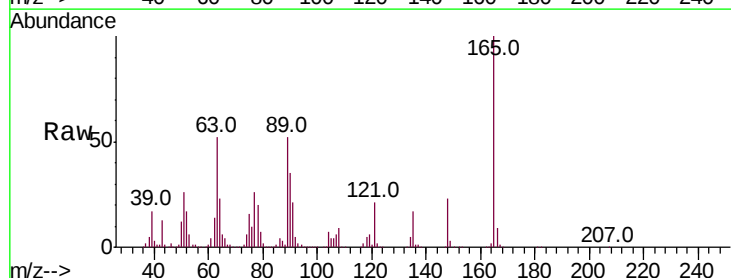
Tgt Ion:165 Resp: 495825

Ion Ratio Lower Upper

165 100

63 51.8 48.9 73.3

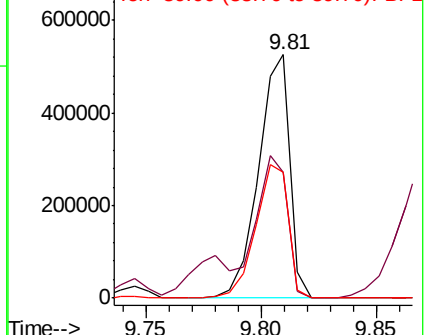
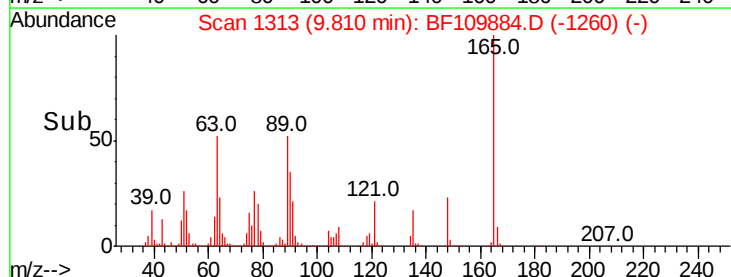
89 51.6 46.6 69.8

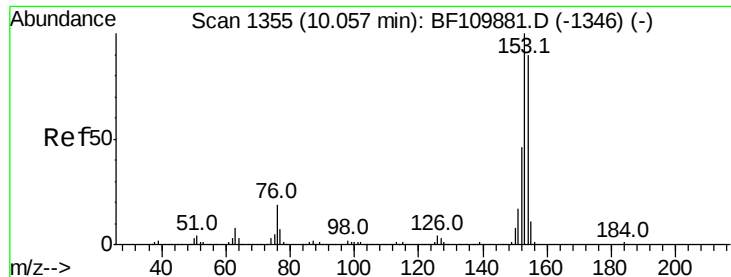


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 72.851 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1831347

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

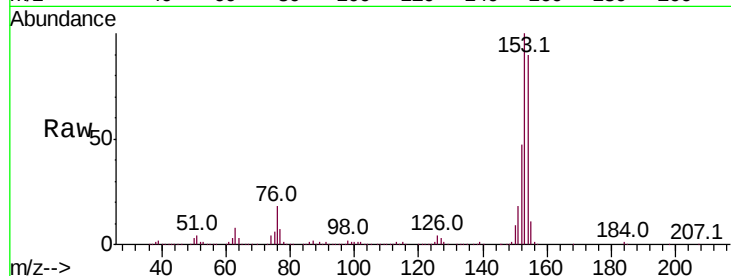
152 52.5 43.4 65.2

Manual Integrations

APPROVED

Sohil

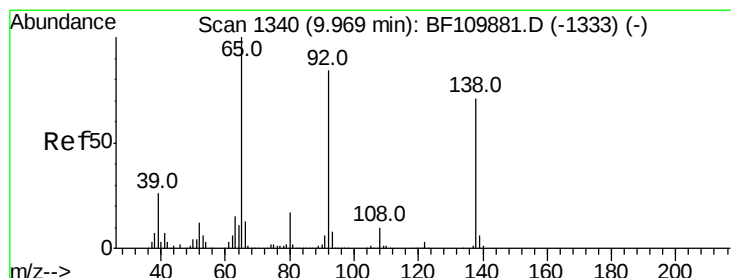
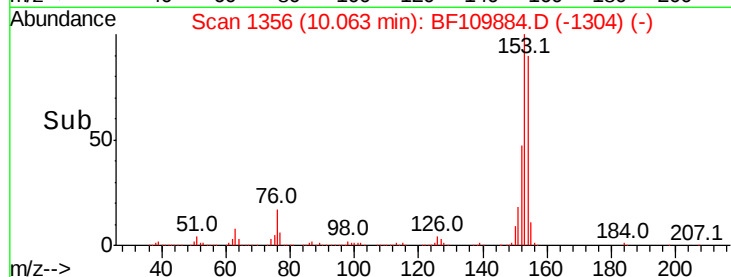
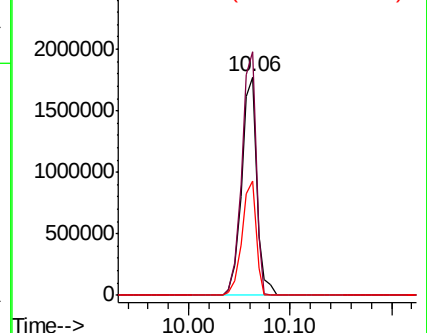
10/16/2018 9:57:23 AM



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



#53

3-Nitroaniline

Concen: 75.369 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

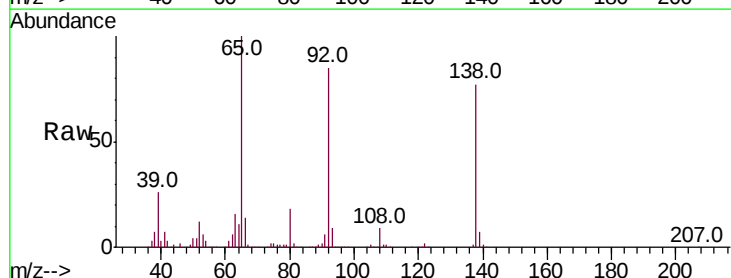
Tgt Ion:138 Resp: 583728

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

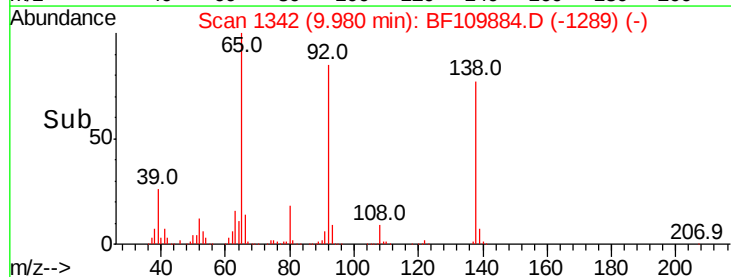
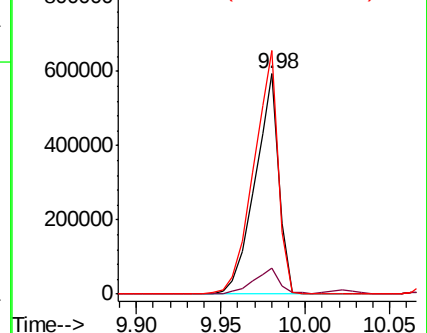
92 110.7 97.0 145.4

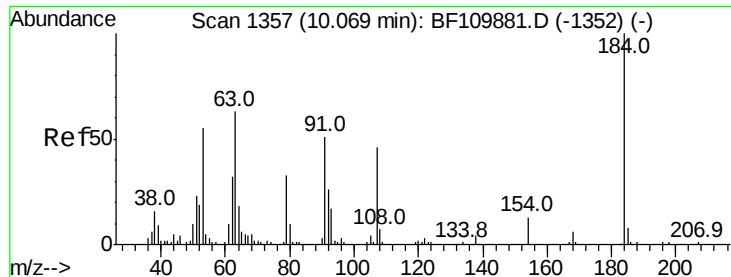


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





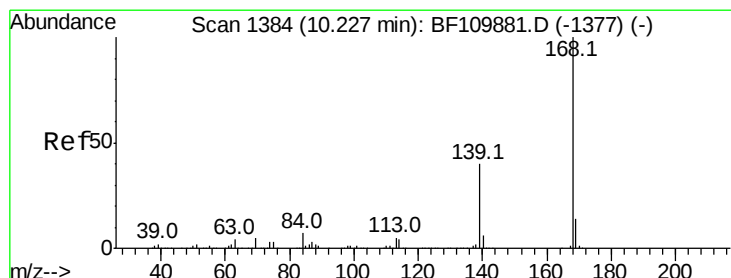
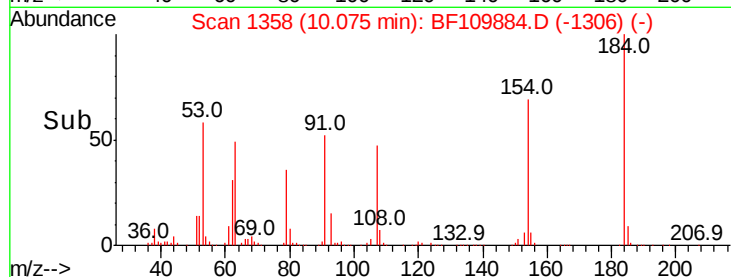
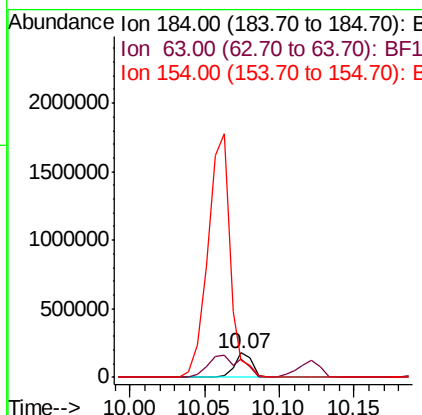
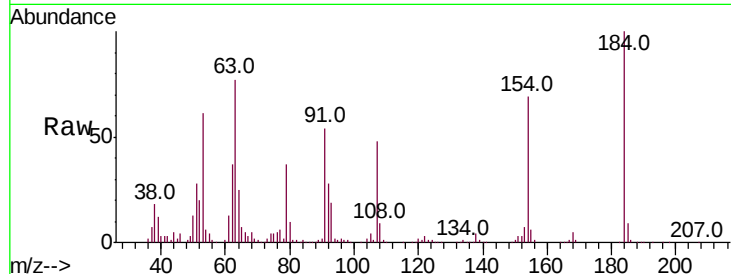
#54
2,4-Dinitrophenol
Concen: 68.651 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	153034		
63	77.1	55.8	83.6	
154	69.2	63.2	94.8	

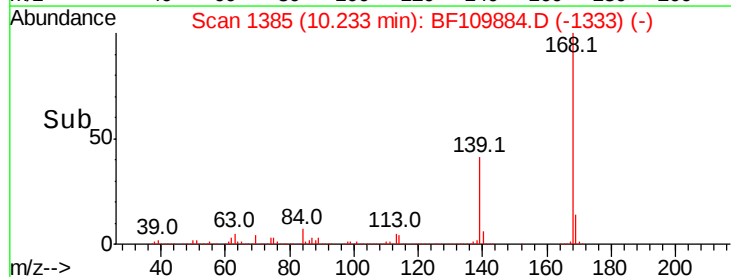
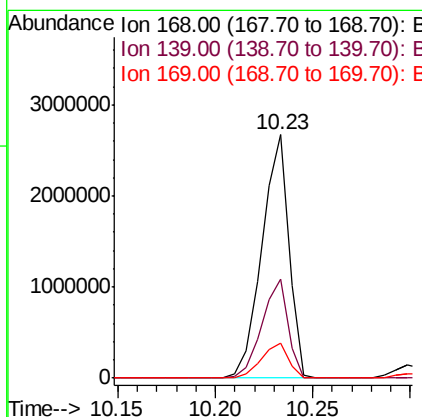
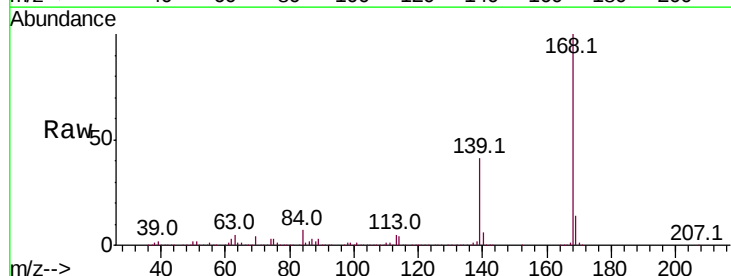
Manual Integrations
APPROVED

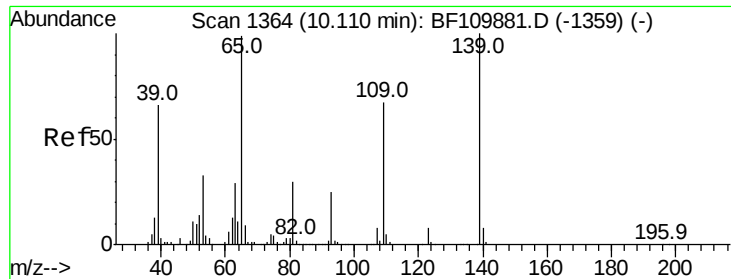
Sohil
10/16/2018 9:57:23 AM



#55
Dibenzofuran
Concen: 67.830 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2555942		
139	40.8	33.0	49.6	
169	14.5	11.3	16.9	





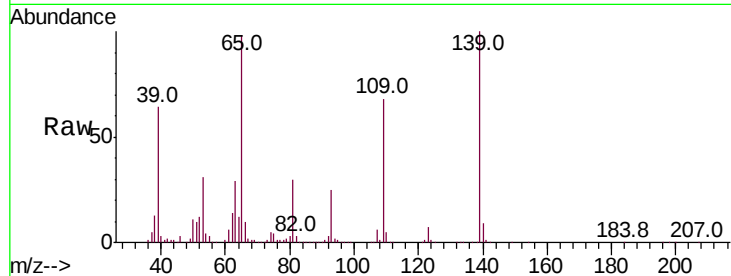
#56
4-Nitrophenol
Concen: 106.785 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	452699		
109	68.0	55.8	95.8	
65	98.0	77.9	117.9	

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:23 AM

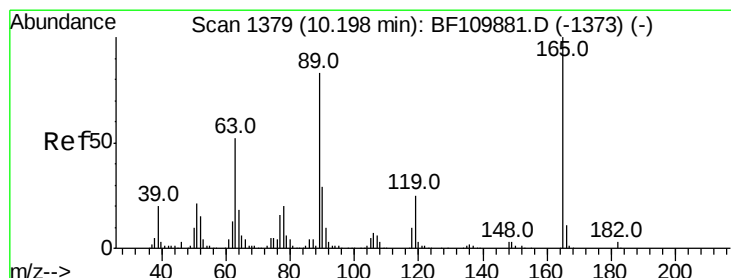
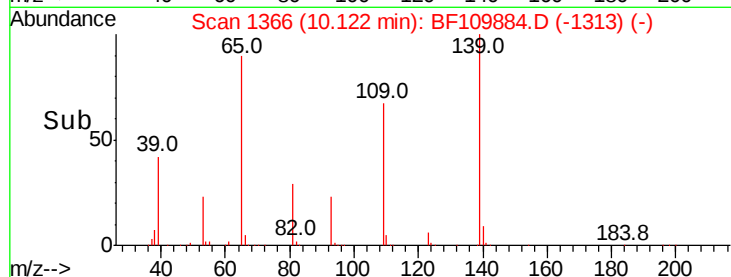
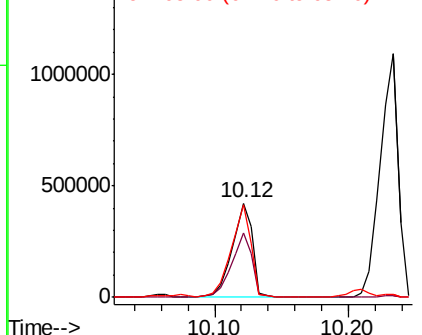


Abundance

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



#57
2,4-Dinitrotoluene
Concen: 70.862 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	610998		
63	48.0	44.8	67.2	
89	75.8	62.2	93.4	
182	2.4	2.1	3.1	

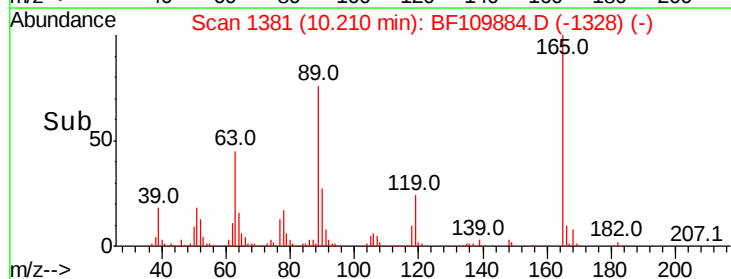
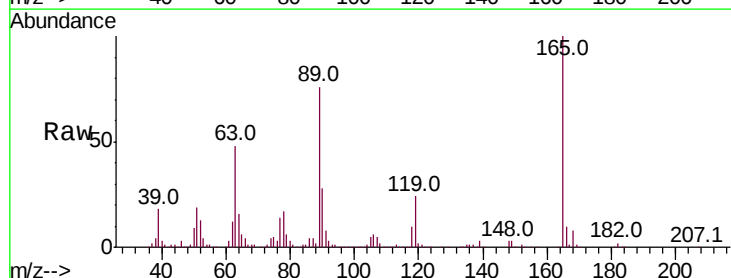
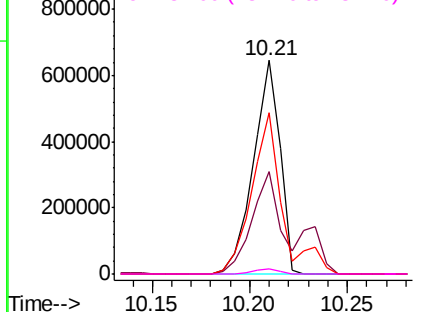
Abundance

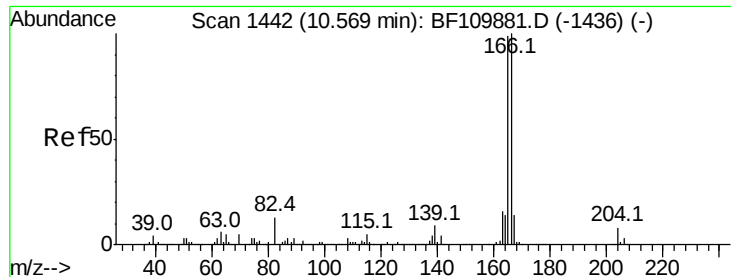
Ion 165.00 (164.70 to 165.70): E

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





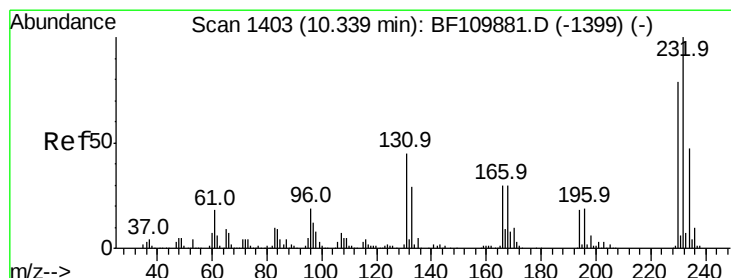
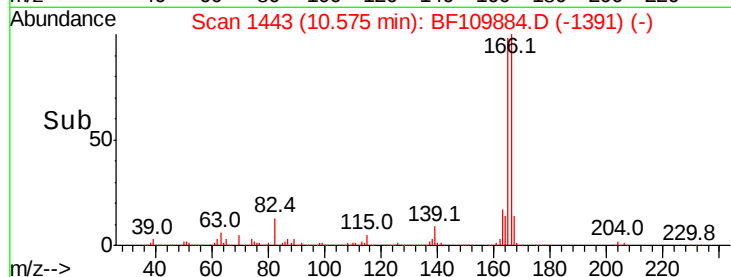
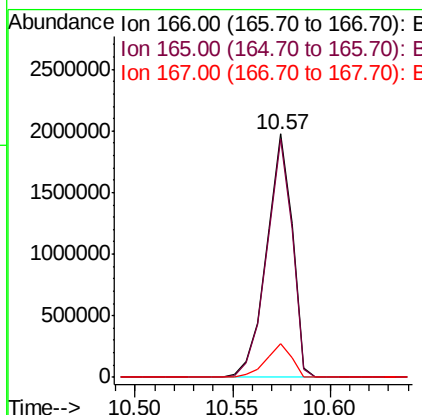
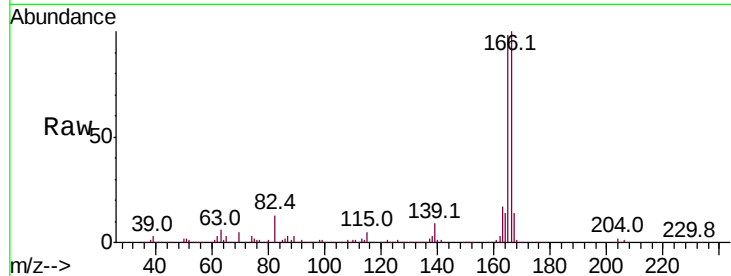
#58
Fluorene
Concen: 63.925 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:166 Resp: 1798839
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 14.0 10.8 16.2

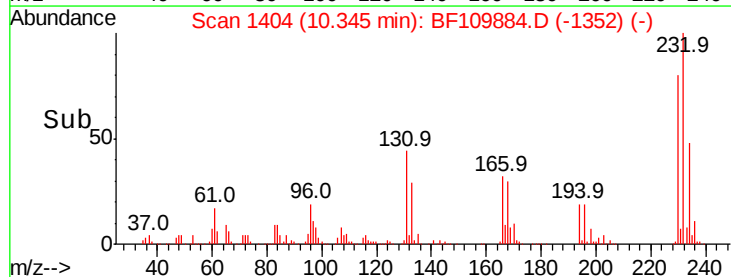
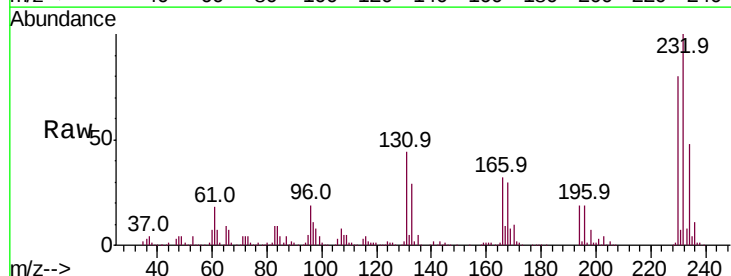
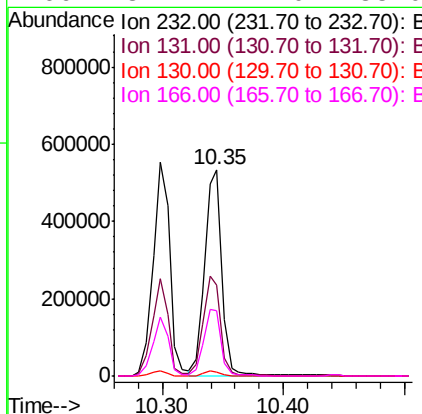
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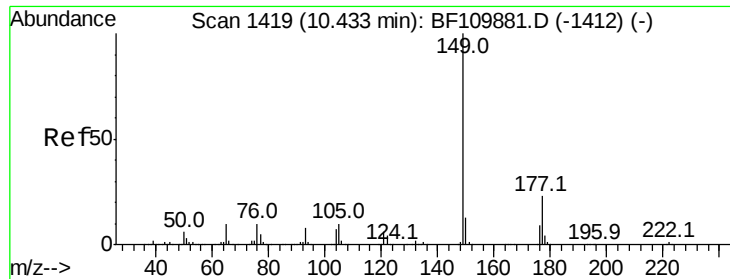
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#59
2,3,4,6-Tetrachlorophenol
Concen: 63.621 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:232 Resp: 525887
Ion Ratio Lower Upper
232 100
131 48.0 37.0 55.4
130 2.3 1.8 2.6
166 32.4 22.0 33.0





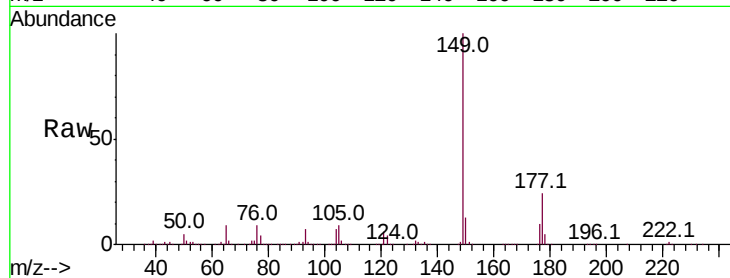
#60
Diethylphthalate
Concen: 67.107 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

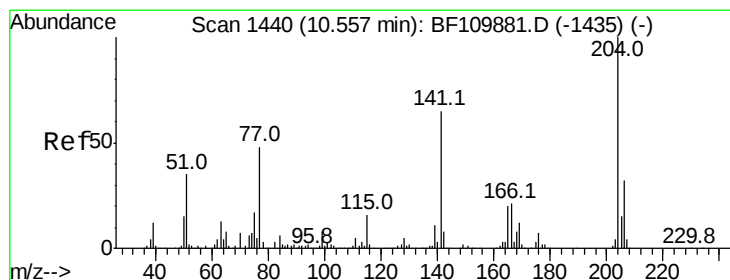
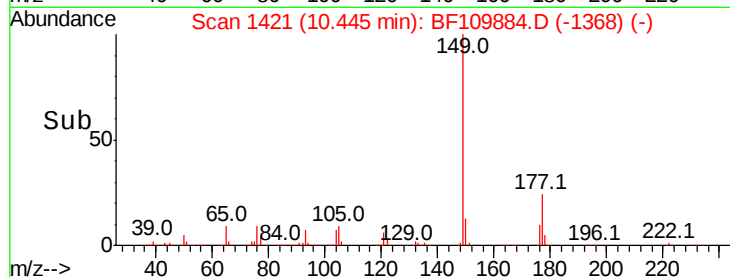
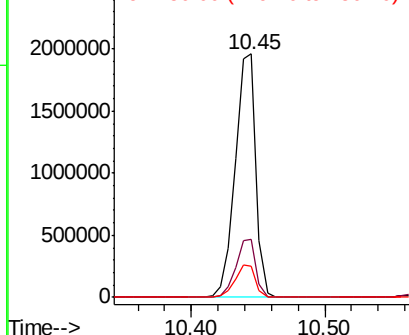
Tot Ion:149 Resp: 2119344
Ion Ratio Lower Upper
149 100
177 23.9 17.4 26.2
150 12.7 9.8 14.8

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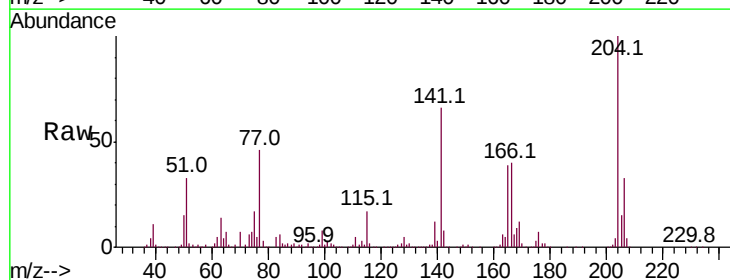


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

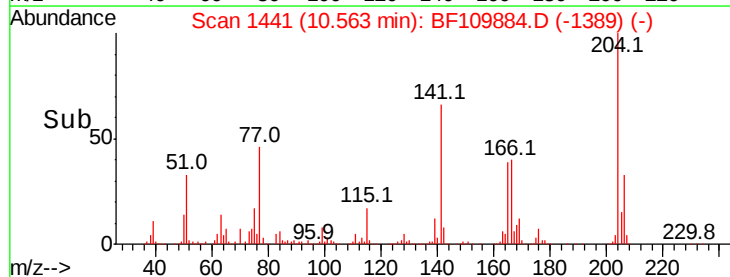
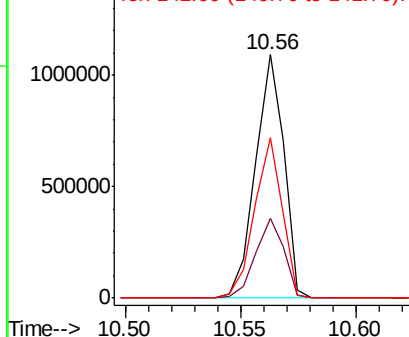


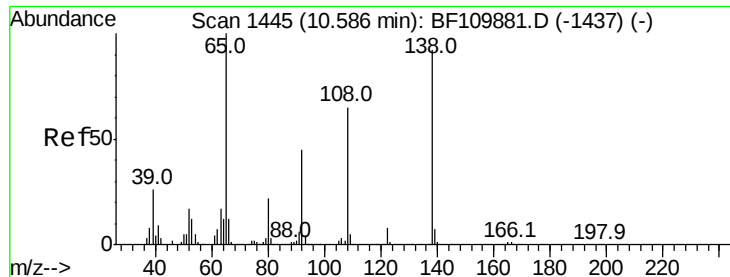
#61
4-Chlorophenyl-phenylether
Concen: 63.343 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:204 Resp: 940356
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 65.6 51.8 77.8



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





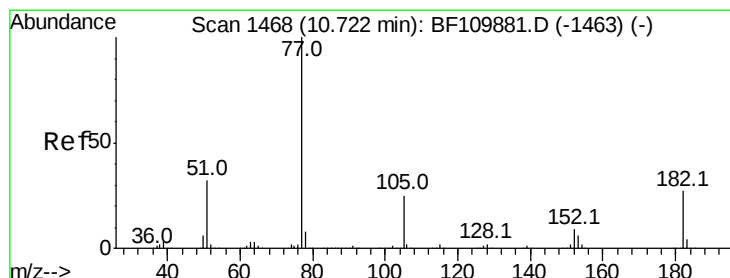
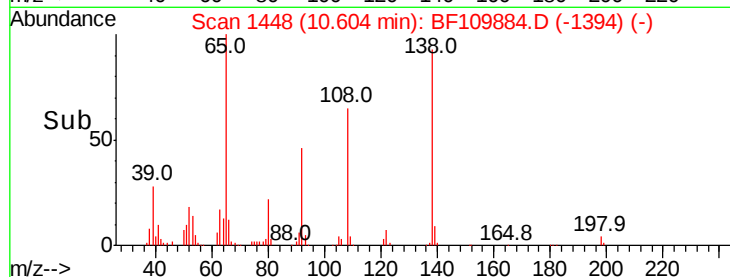
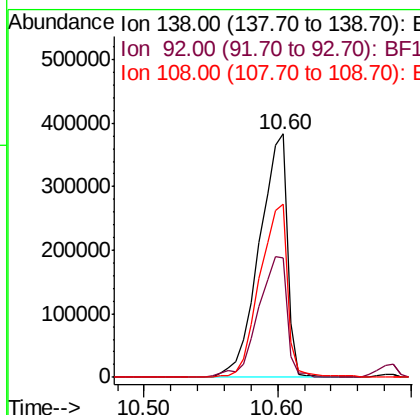
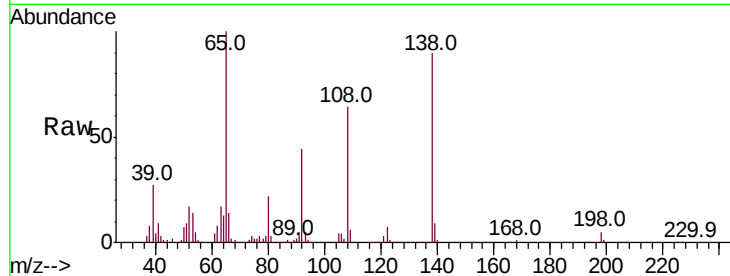
#62
4-Nitroaniline
Concen: 77.228 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.7	71.7
108	71.1	59.3	99.3

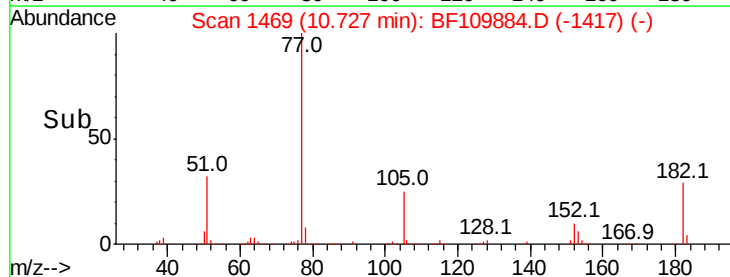
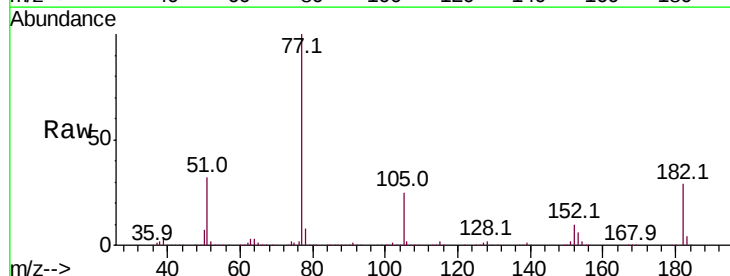
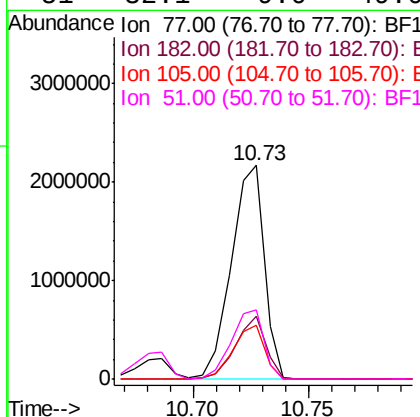
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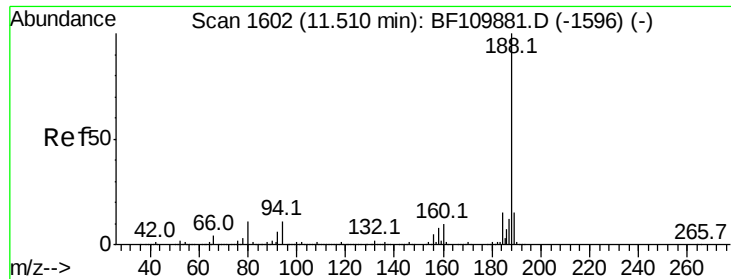
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#63
Azobenzene
Concen: 67.240 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.3	4.3	44.3
105	25.2	1.3	41.3
51	32.1	9.0	49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

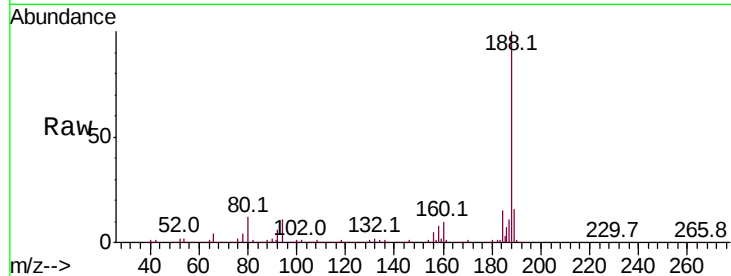
ClientSampleId :

SSTDIC080

Tot Ion:	188	Resp:	783312
Ion Ratio	Lower	Upper	
188	100		
94	11.5	7.2	10.8#
80	12.1	7.9	11.9#

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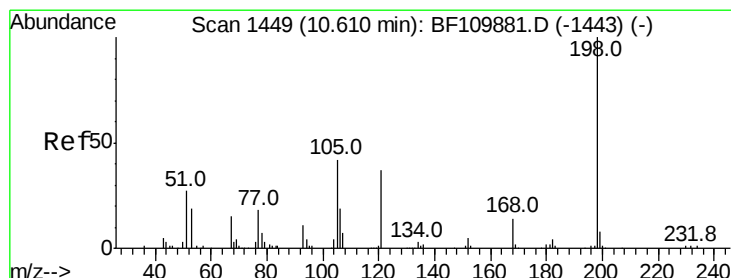
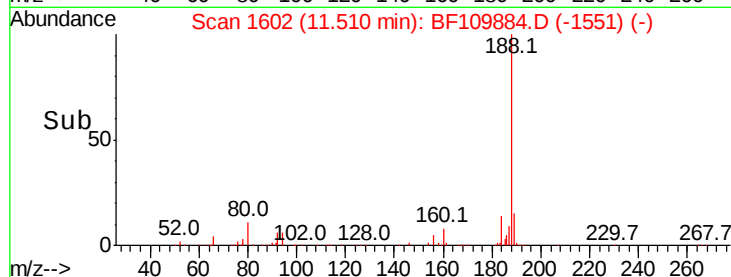
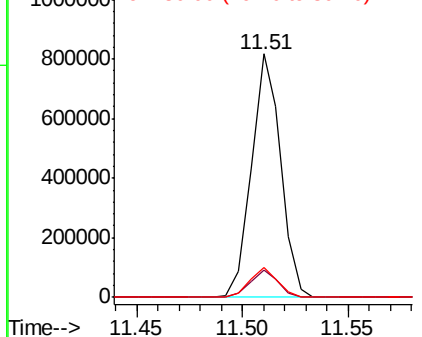
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 65.431 ng

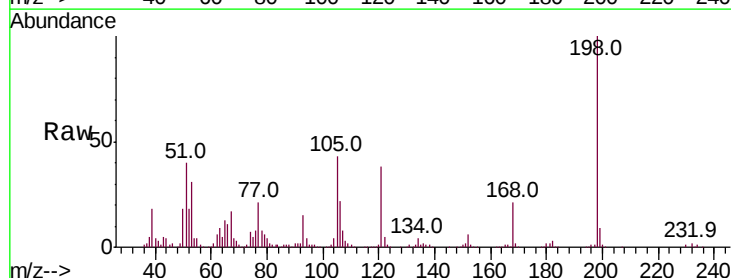
RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

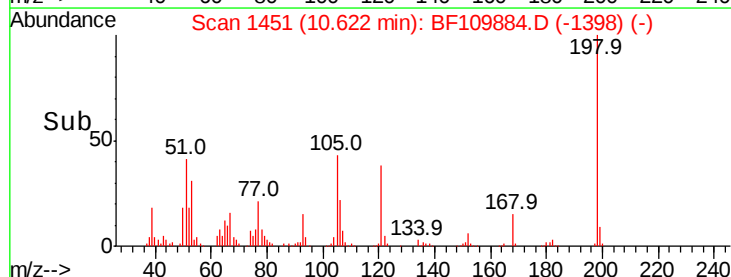
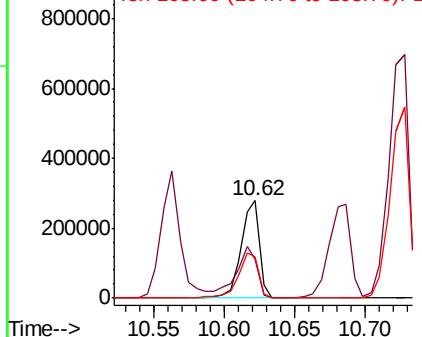
Tgt Ion:	198	Resp:	249461
Ion Ratio	Lower	Upper	
198	100		
51	40.5	22.8	62.8
105	42.6	23.6	63.6

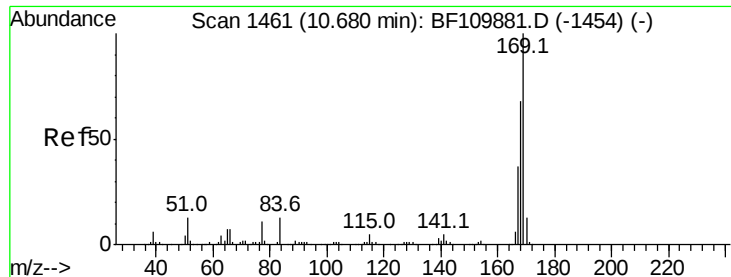


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





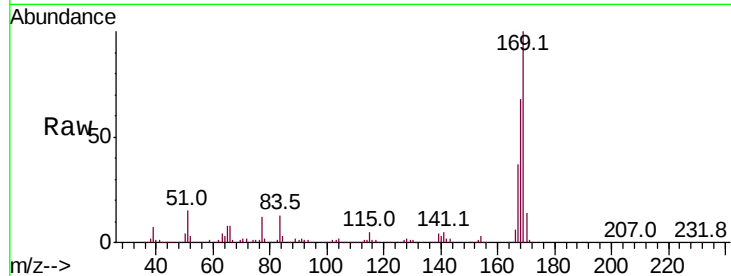
#66
n-Nitrosodiphenylamine
Concen: 68.770 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

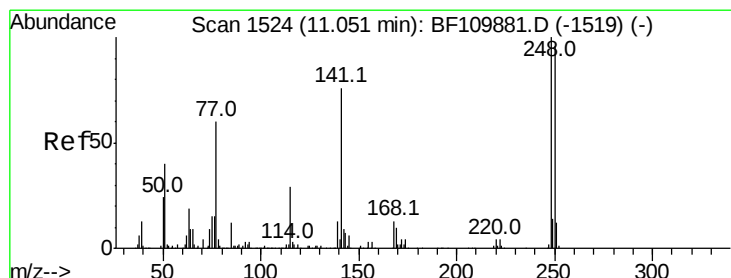
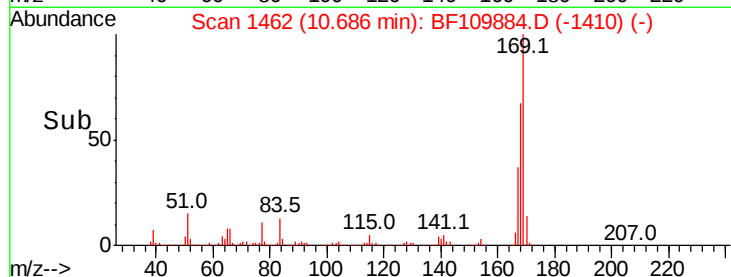
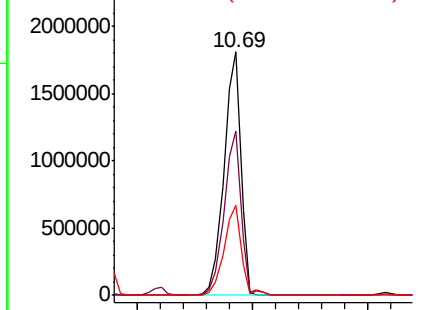
Tot Ion:169 Resp: 1826143
Ion Ratio Lower Upper
169 100
168 67.5 51.2 76.8
167 37.1 27.8 41.6

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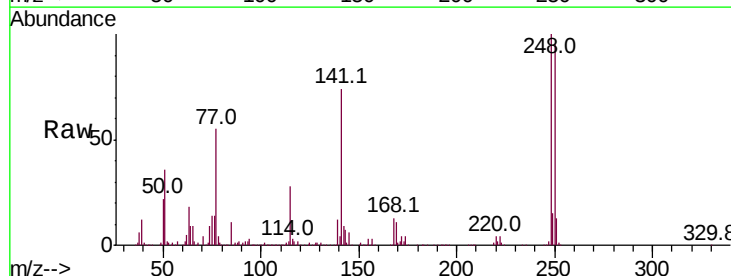


Abundance Ion 169.00 (168.70 to 169.70): E
2500000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

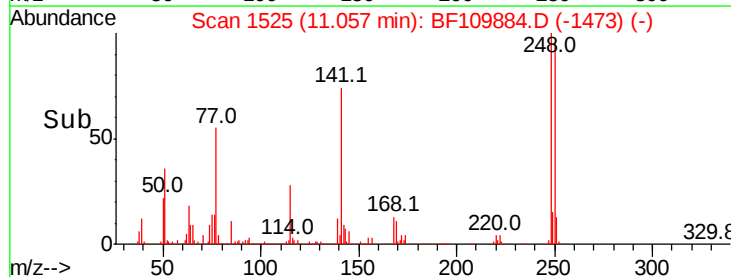
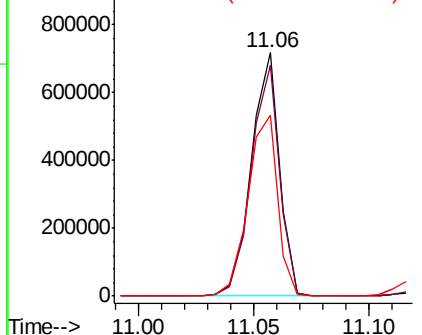


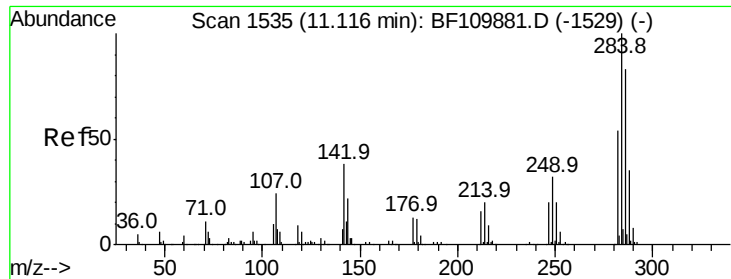
#67
4-Bromophenyl-phenylether
Concen: 67.730 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:248 Resp: 609596
Ion Ratio Lower Upper
248 100
250 94.8 79.4 119.2
141 74.3 55.9 83.9



Abundance Ion 248.00 (247.70 to 248.70): E
1000000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





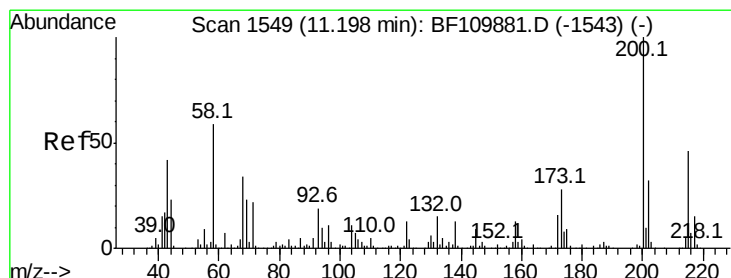
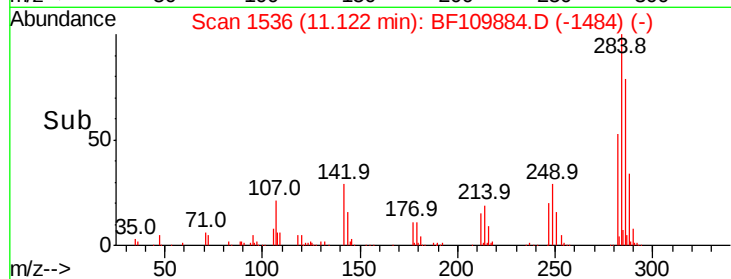
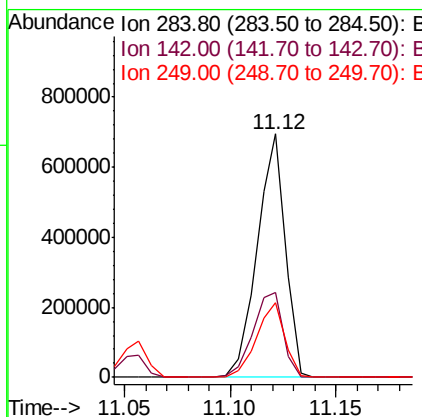
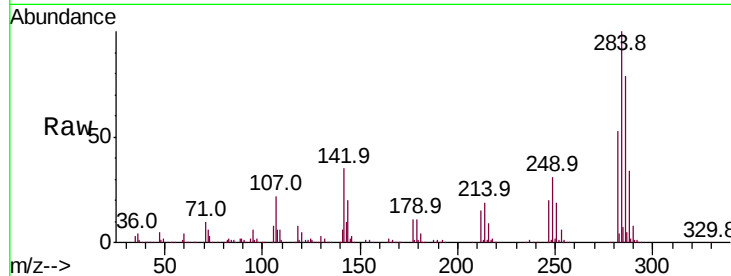
#68
Hexachlorobenzene
Concen: 65.877 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.7	23.9	35.9	
249	30.8	24.2	36.2	

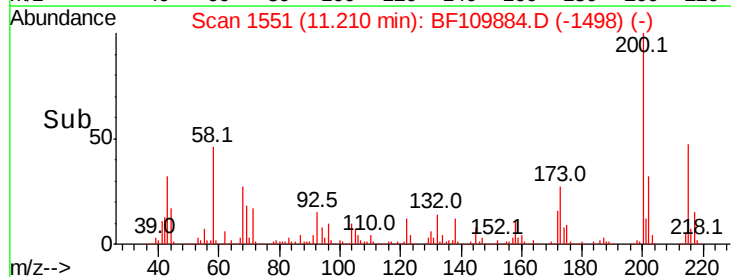
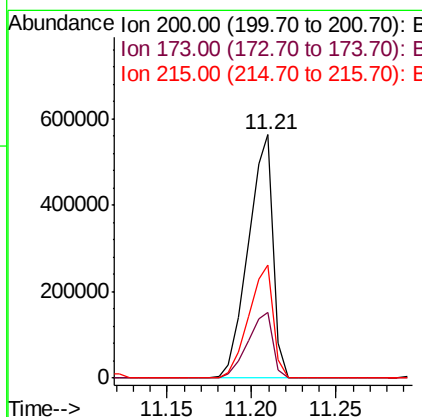
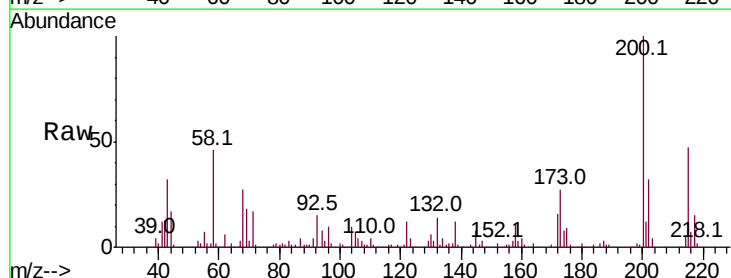
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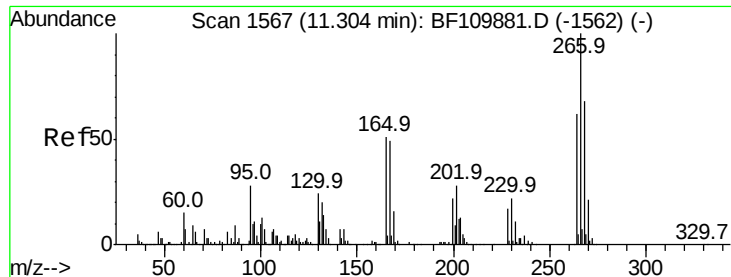
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#69
Atrazine
Concen: 69.523 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	6.6	46.6	
215	46.6	26.3	66.3	





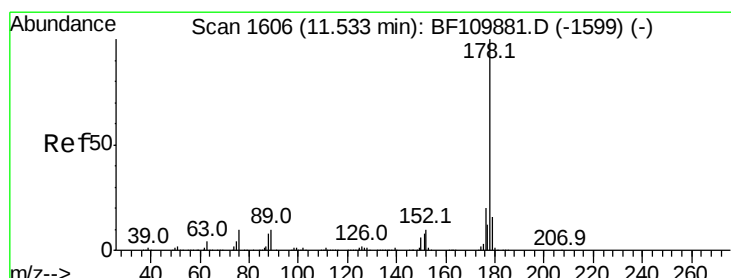
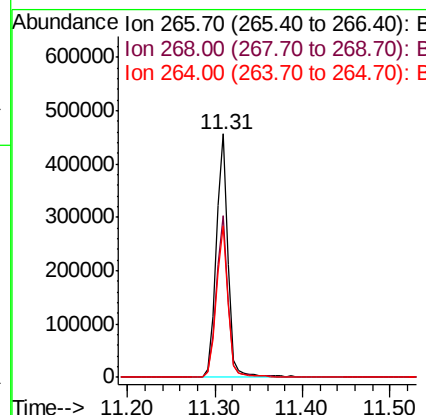
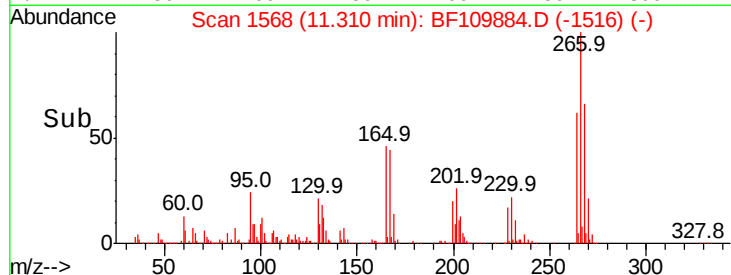
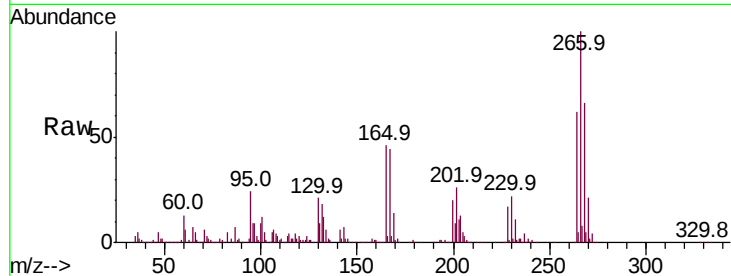
#70
 Pentachlorophenol
 Concen: 78.155 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.3	50.6	75.8	
264	62.0	50.6	75.8	

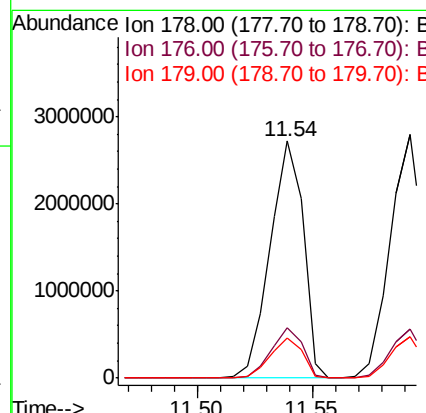
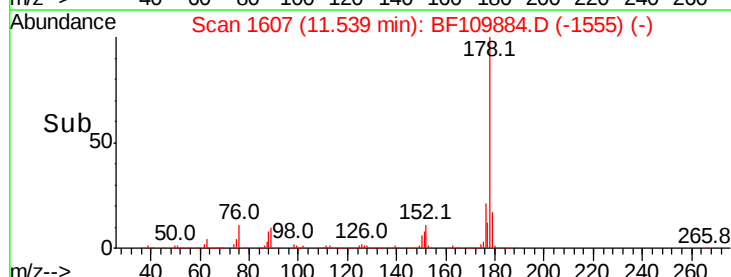
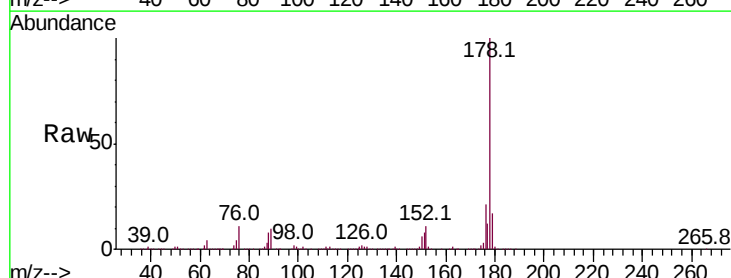
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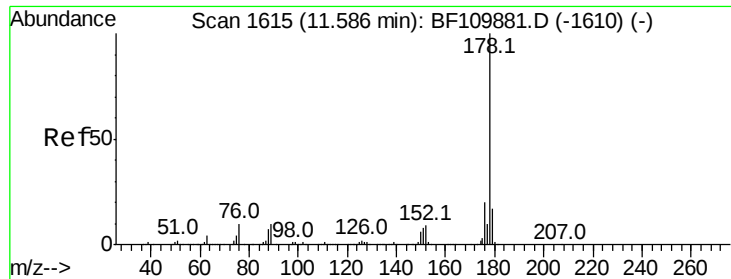
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#71
 Phenanthrene
 Concen: 69.294 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.3	15.5	23.3	
179	17.0	12.5	18.7	





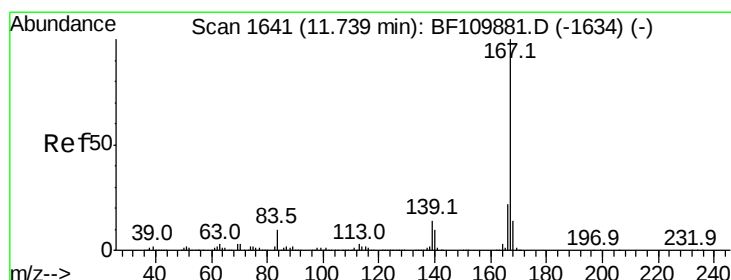
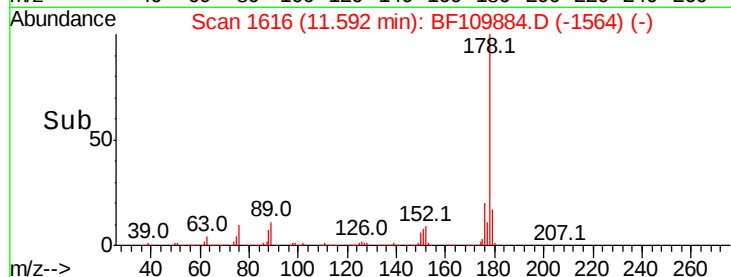
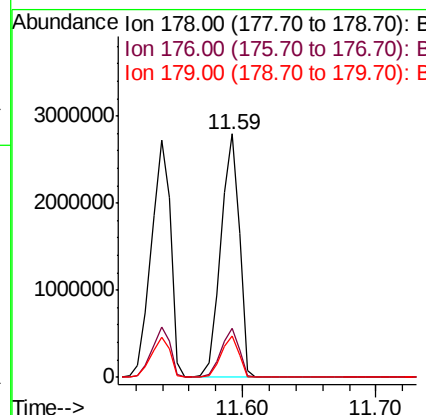
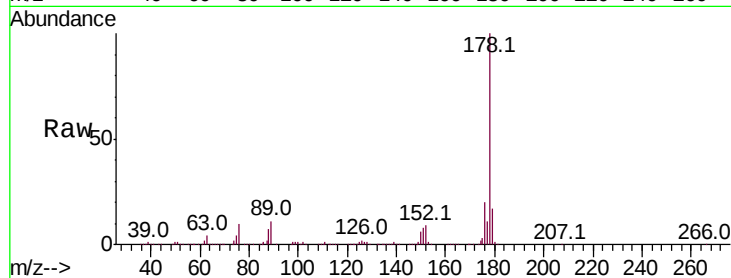
#72
 Anthracene
 Concen: 67.936 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 2752892
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.8 12.6 18.8

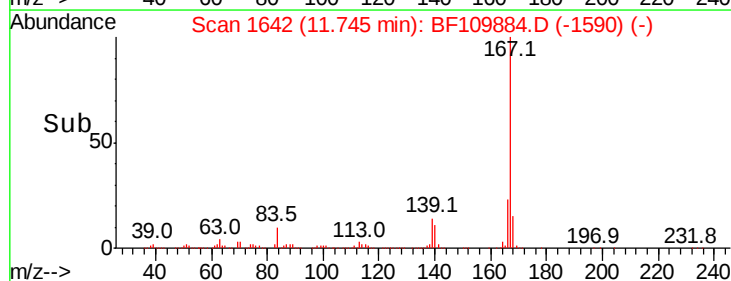
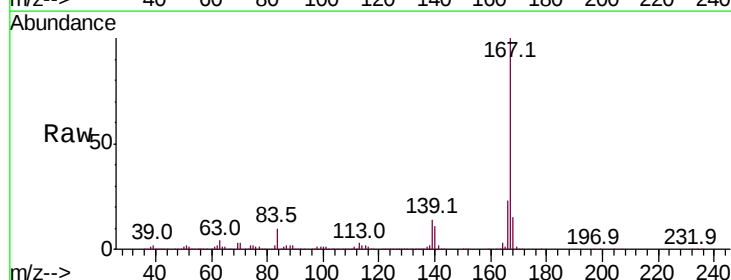
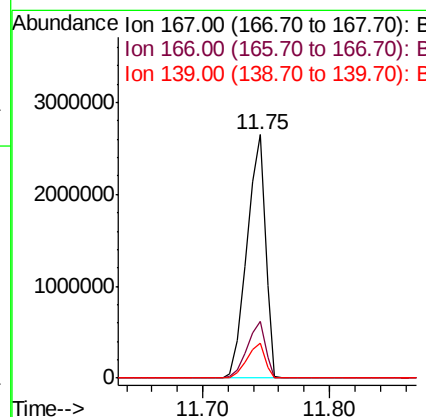
Manual Integrations
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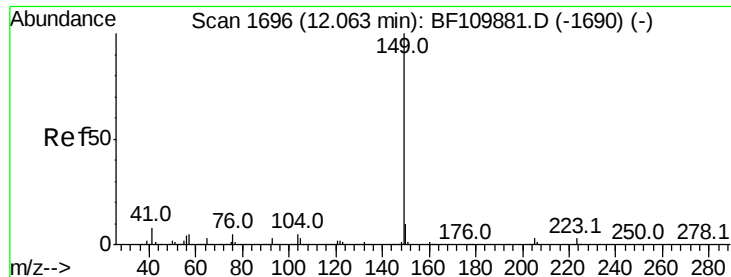
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#73
 Carbazole
 Concen: 67.679 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion:167 Resp: 2659863
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.4 26.0
 139 14.5 10.9 16.3





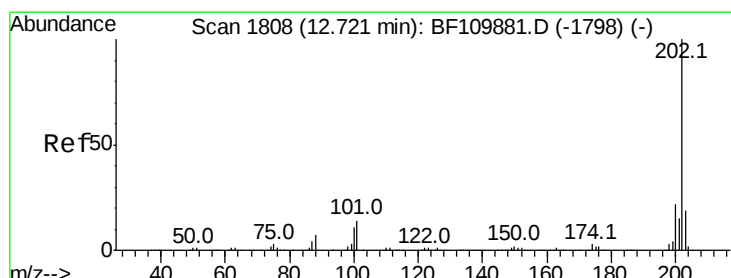
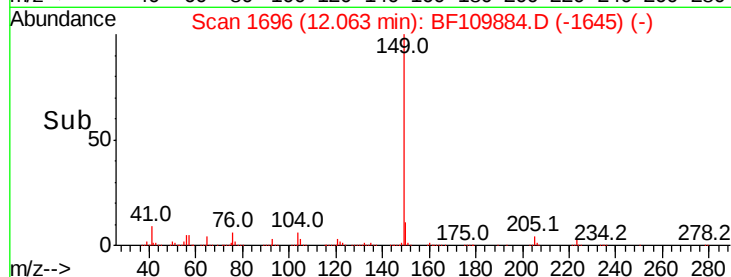
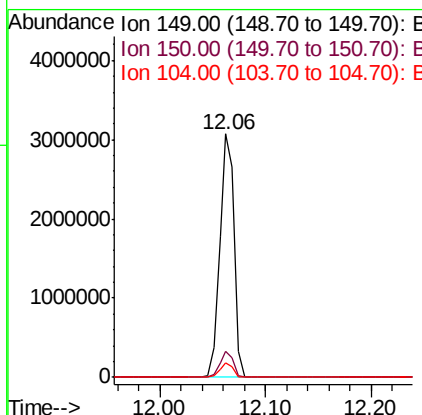
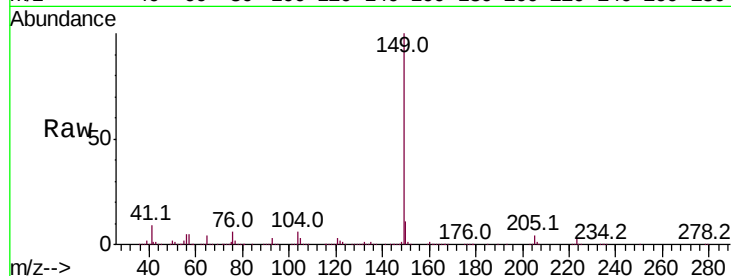
#74
Di-n-butylphthalate
Concen: 64.000 ng
RT: 12.06 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.7	11.5
104	5.9	4.2	6.4

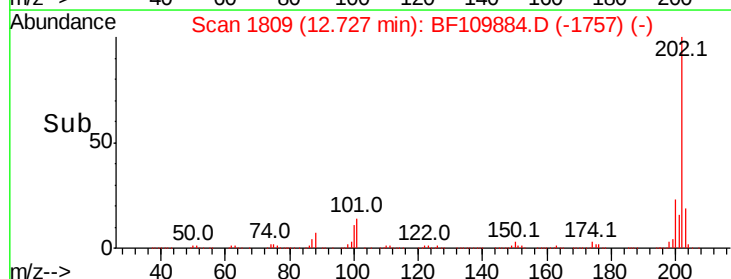
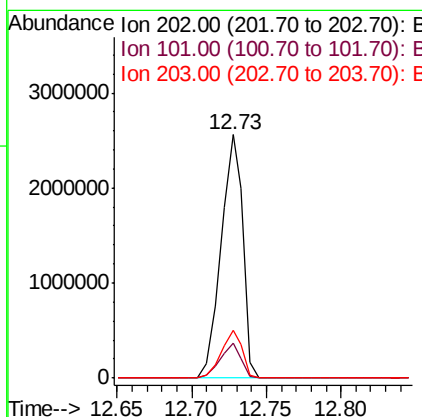
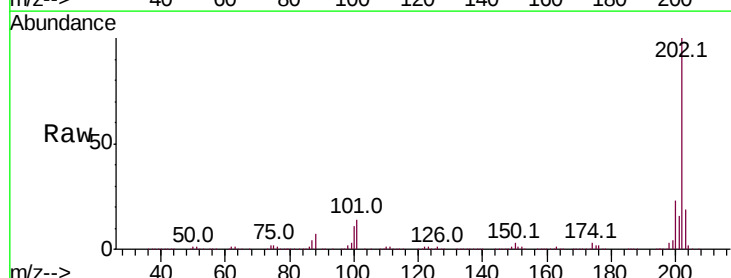
Manual Integrations
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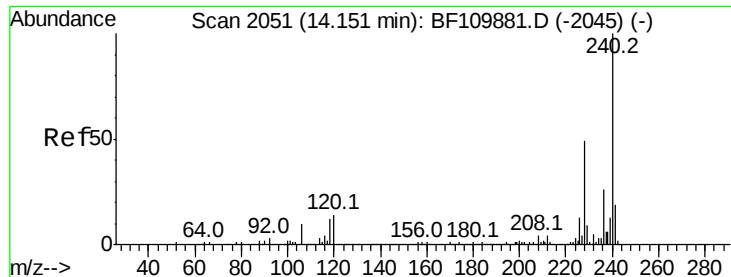
Sohil
10/16/2018 9:57:23 AM



#75
Fluoranthene
Concen: 64.153 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	31.4
203	19.4	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

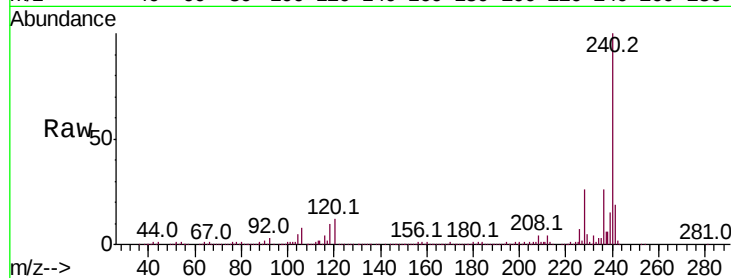
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.2	21.2	31.8

Manual Integrations
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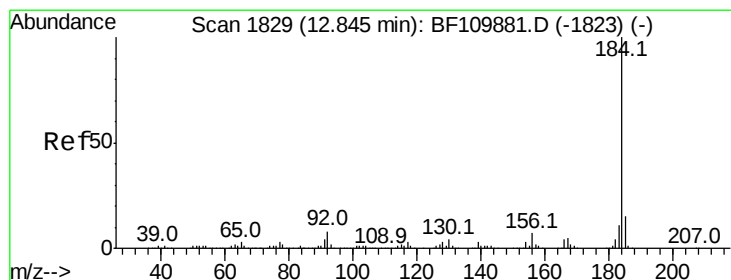
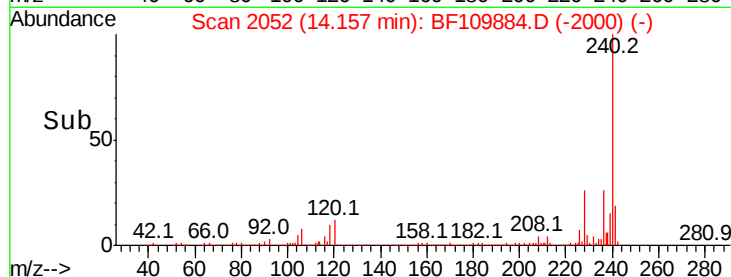
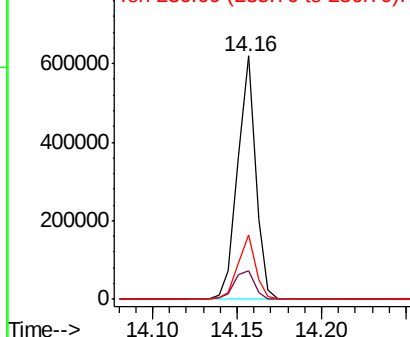


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 68.680 ng

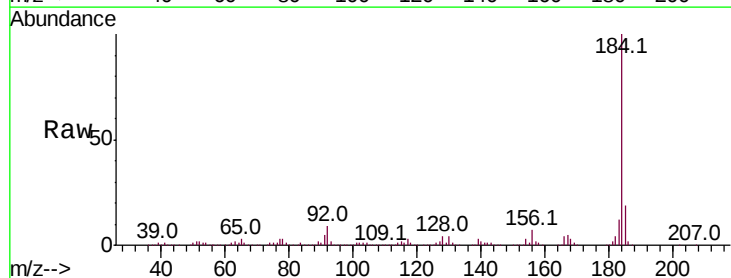
RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.7	13.4	20.2
183	12.0	9.4	14.2

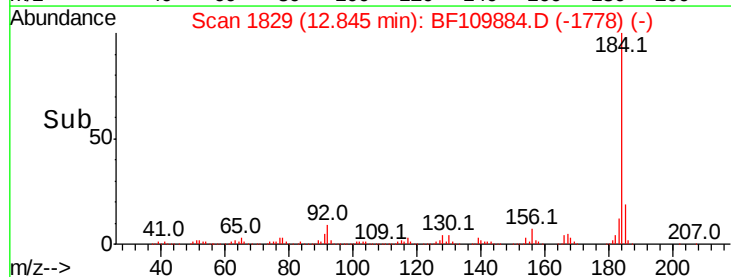
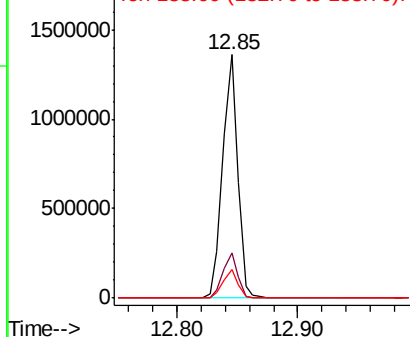


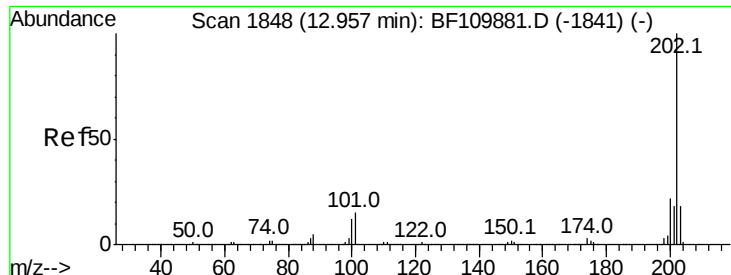
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





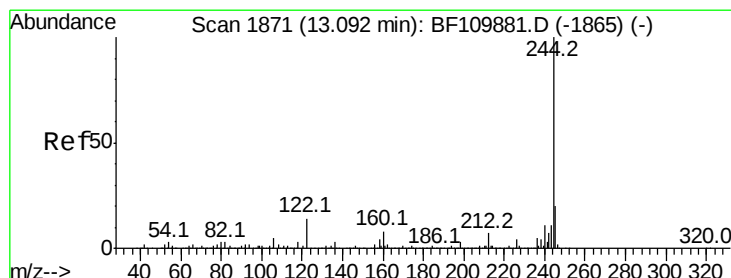
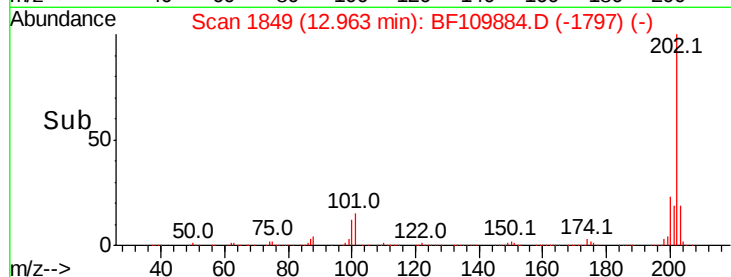
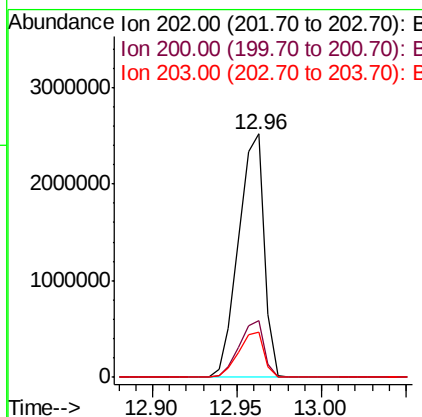
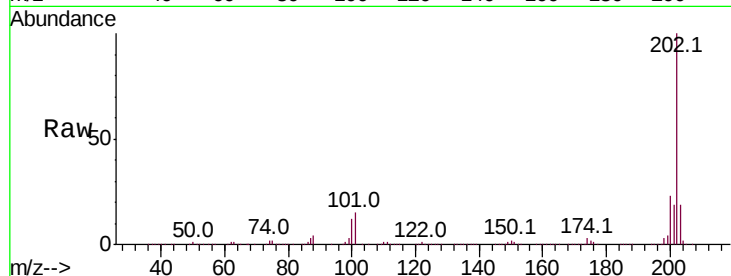
#78
Pvrene
Concen: 79.150 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:202 Resp: 2666756
Ion Ratio Lower Upper
202 100
200 23.2 17.8 26.6
203 18.8 14.2 21.4

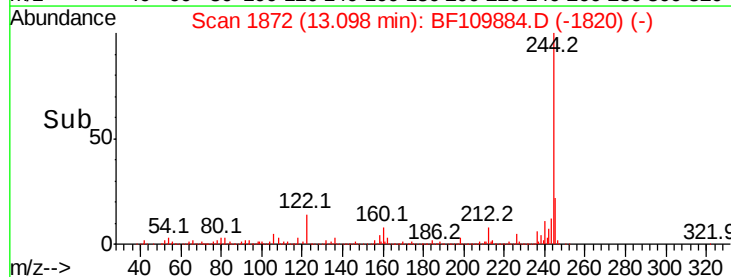
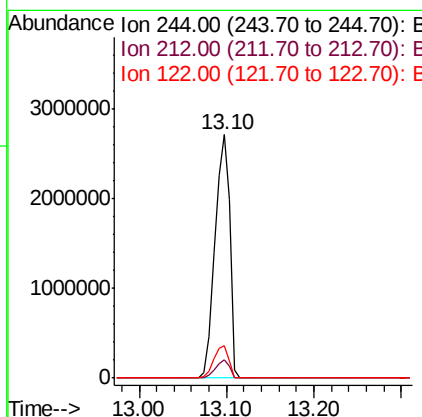
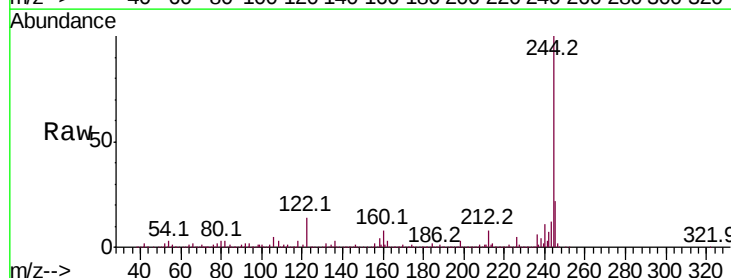
Manual Integrations
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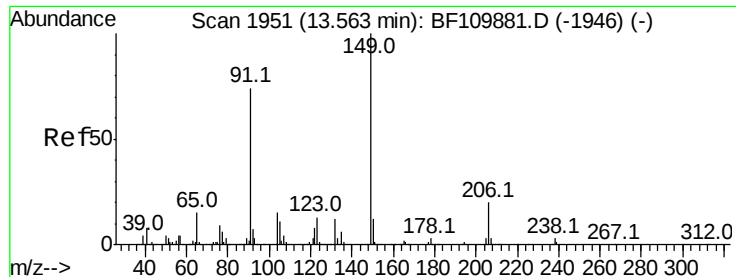
Sohil
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#79
Terphenyl-d14
Concen: 133.539 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:244 Resp: 3172235
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 13.5 8.7 13.1#





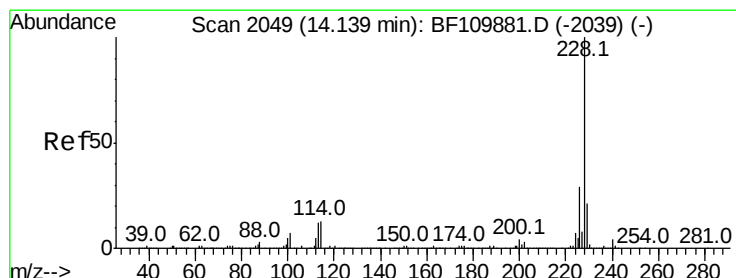
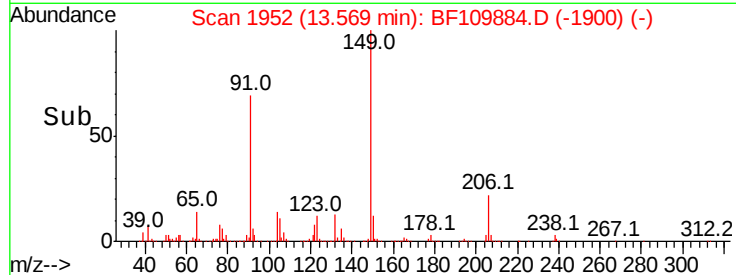
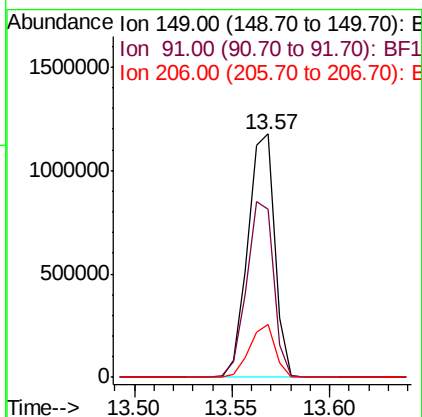
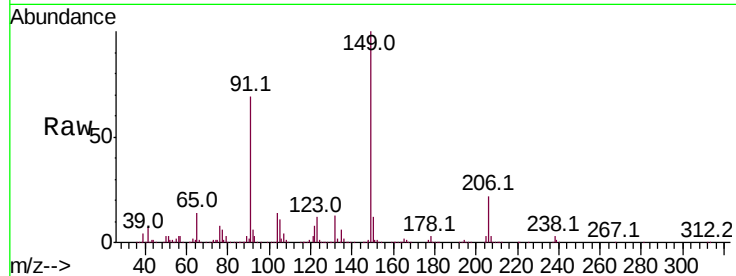
#80
Butylbenzylphthalate
Concen: 77.236 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	57.2	85.8
206	21.6	15.7	23.5

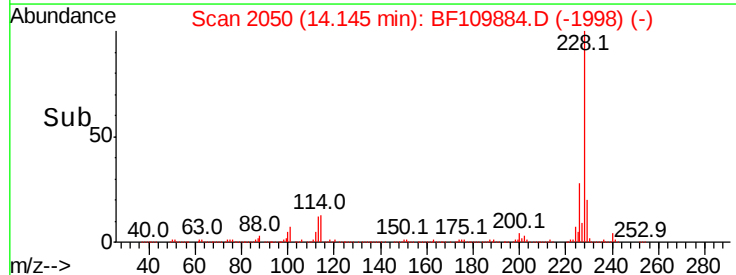
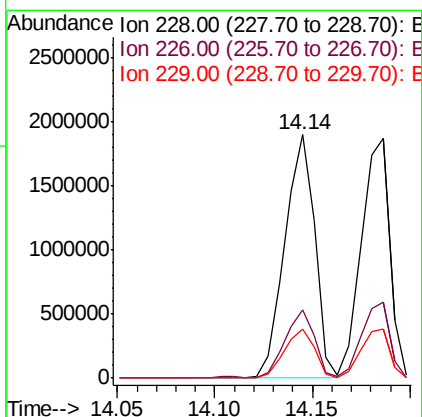
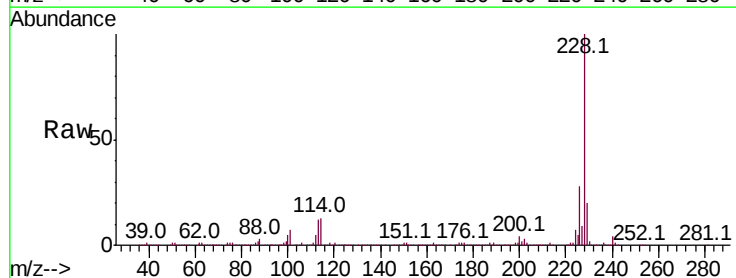
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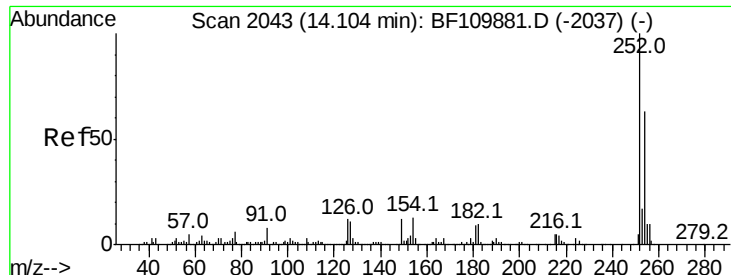
Sohil
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#81
Benzo(a)anthracene
Concen: 79.842 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	20.3	15.6	23.4





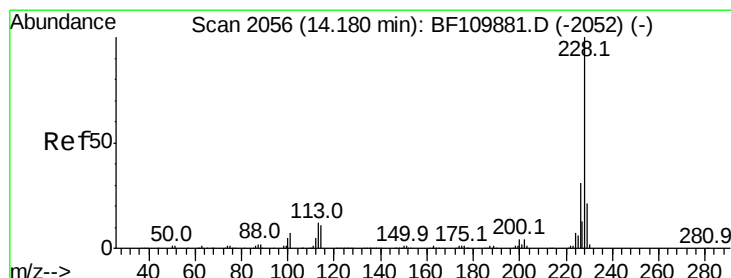
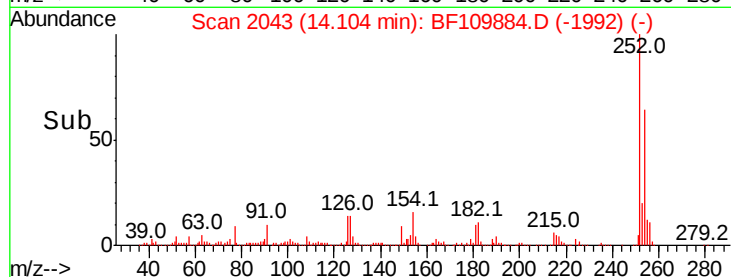
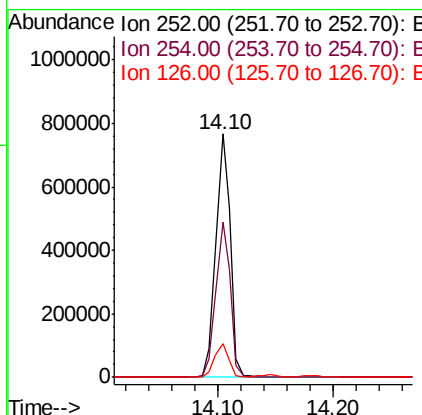
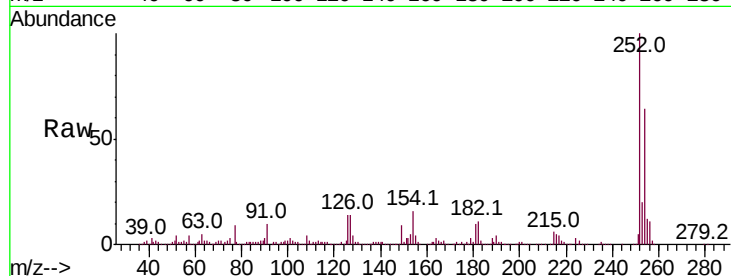
#82
 3,3'-Dichlorobenzidine
 Concen: 64.652 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	14.0	9.4	14.2

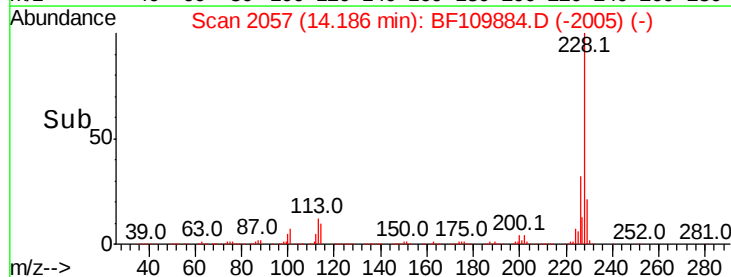
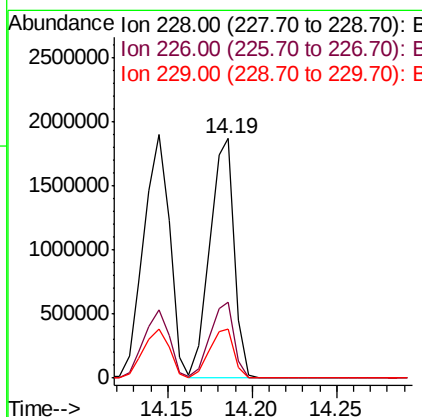
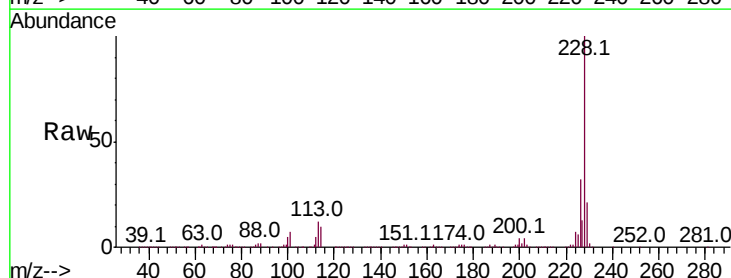
Manual Integrations
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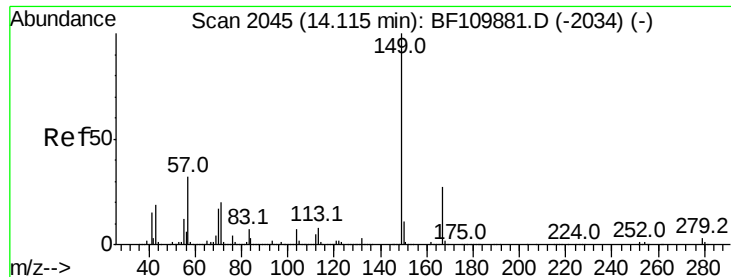
Sohil
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#83
 Chrysene
 Concen: 70.678 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	20.7	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 78.500 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1398998

Ion Ratio Lower Upper

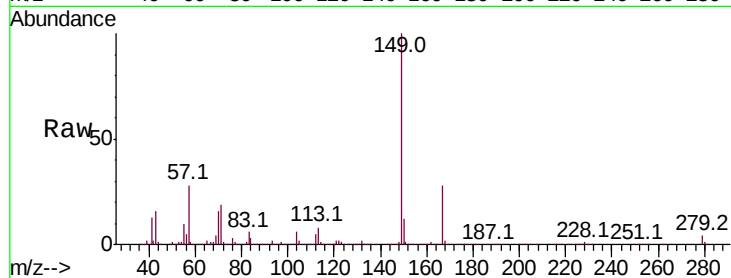
149 100

167 27.9 19.8 29.8

279 4.3 2.7 4.1#

Manual Integrations
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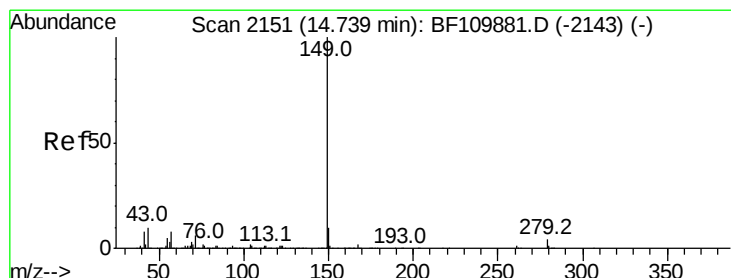
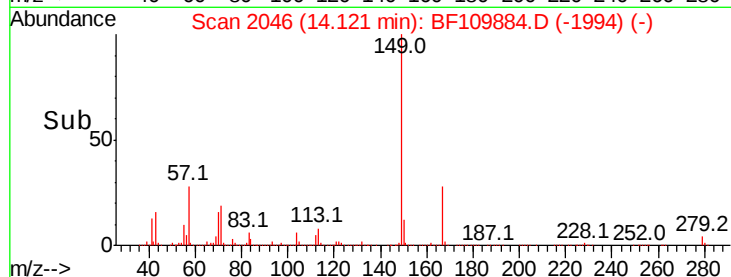
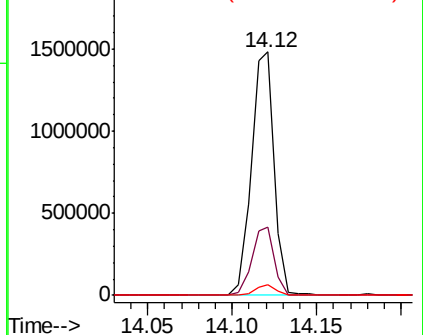
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 71.105 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

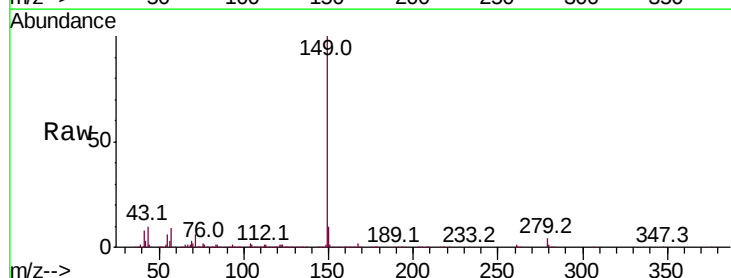
Tgt Ion:149 Resp: 2003021

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

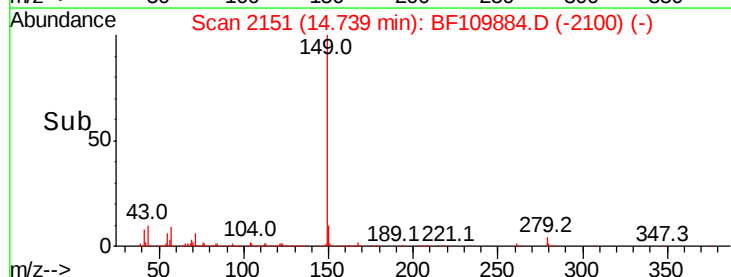
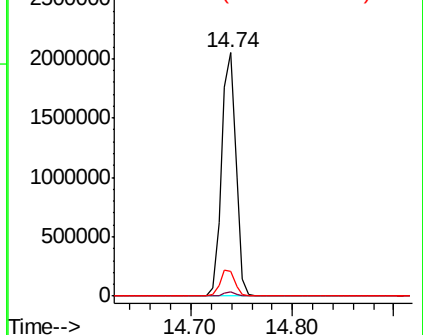
43 11.1 7.8 11.8

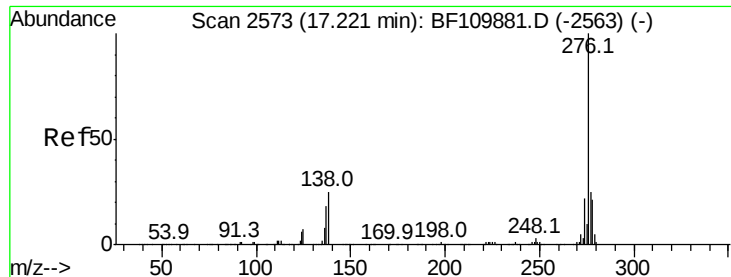


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





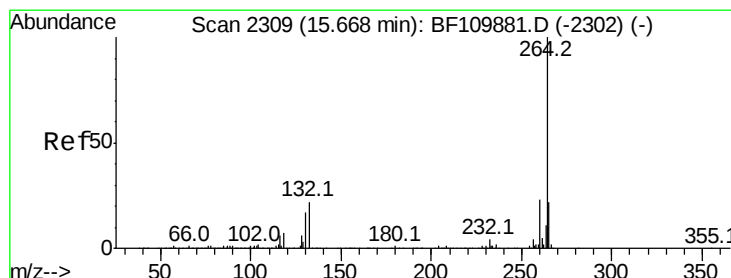
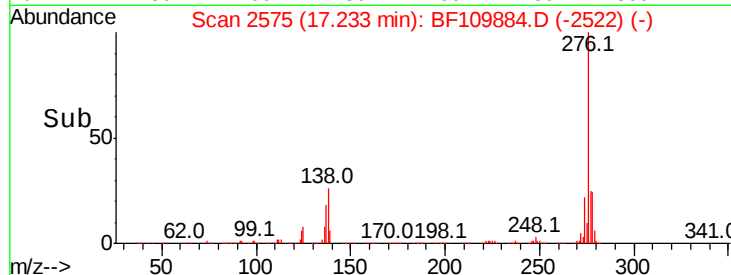
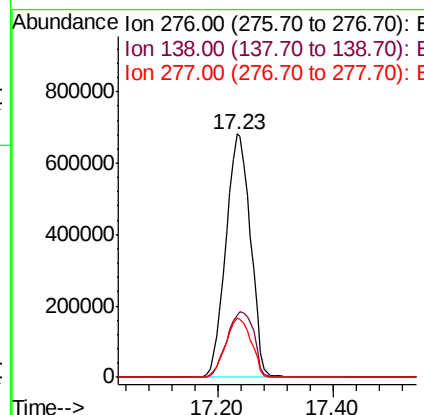
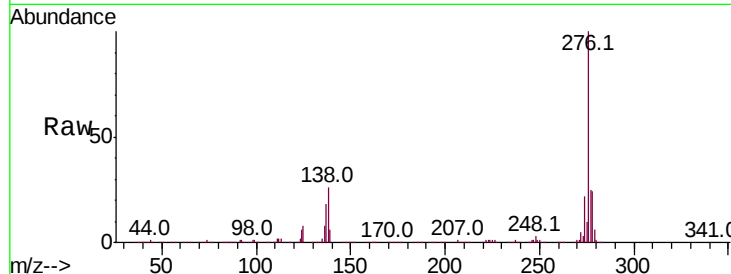
#86
Indeno(1,2,3-cd)pyrene
Concen: 105.495 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:276 Resp: 2012760
Ion Ratio Lower Upper
276 100
138 29.6 18.5 27.7#
277 25.3 20.0 30.0

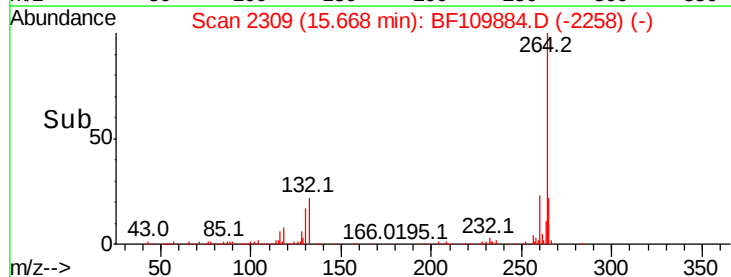
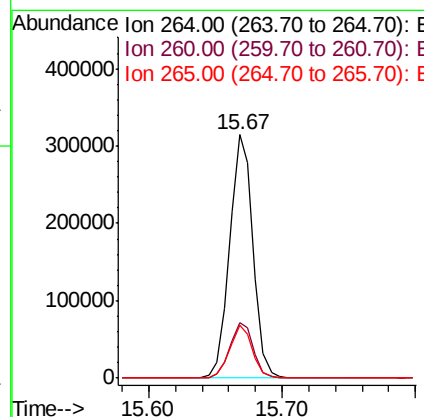
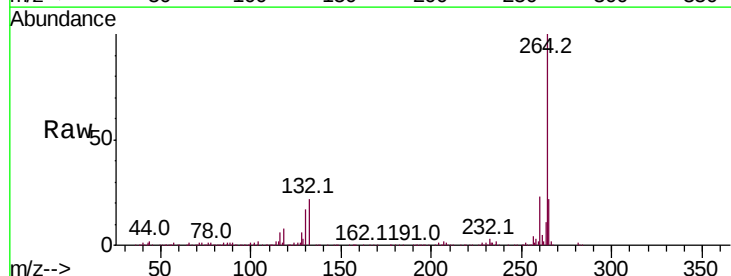
Manual Integrations
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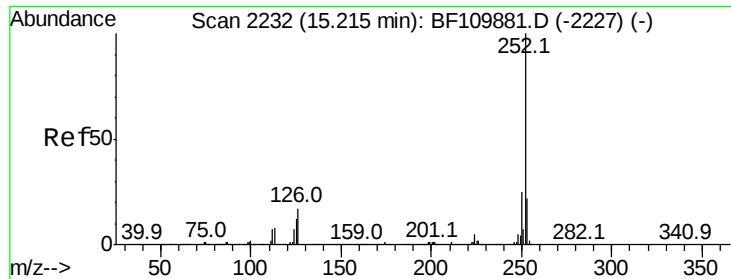
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:264 Resp: 387545
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.6 16.7 25.1





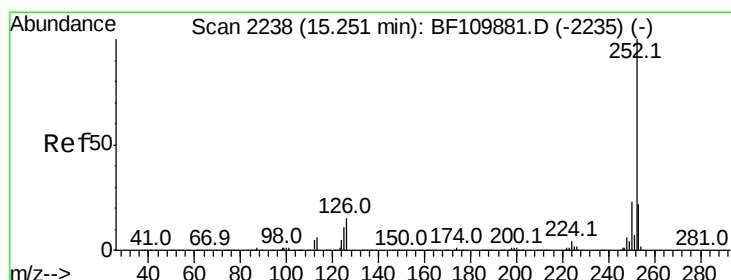
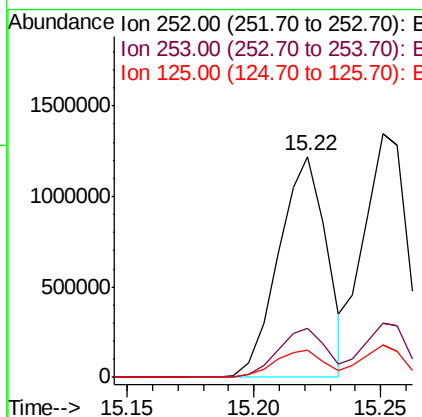
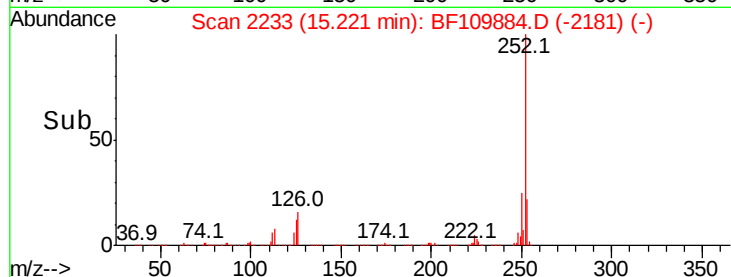
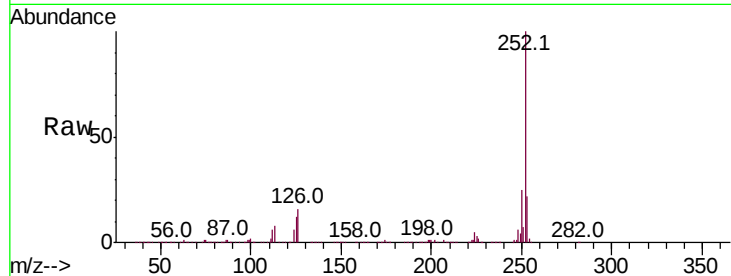
#88
Benzo(b)fluoranthene
Concen: 75.114 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.3	8.2	12.4

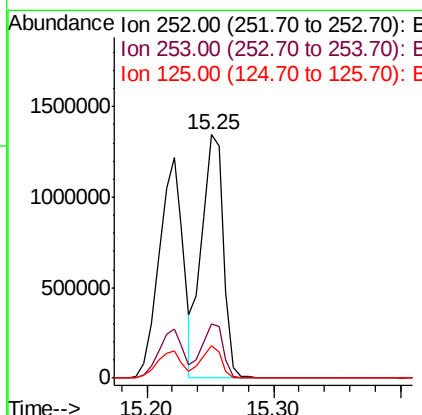
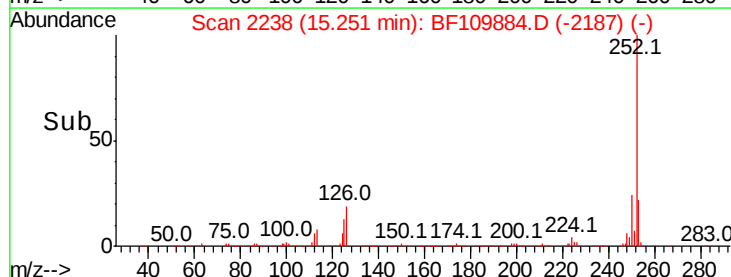
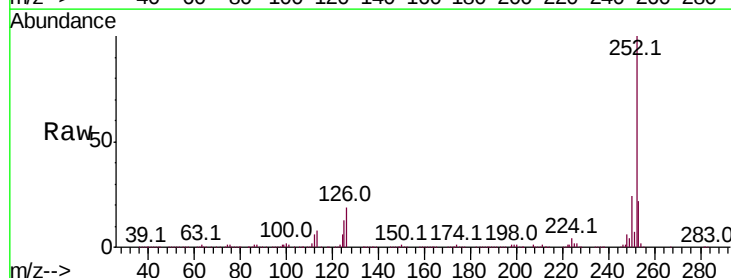
Manual Integrations
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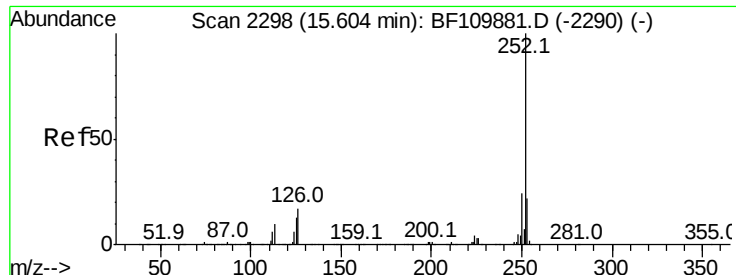
Sohil
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#89
Benzo(k)fluoranthene
Concen: 74.629 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	13.2	7.4	11.0#





#90

Benzo(a)pyrene

Concen: 79.828 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion:252 Resp: 1551439

Ion Ratio Lower Upper

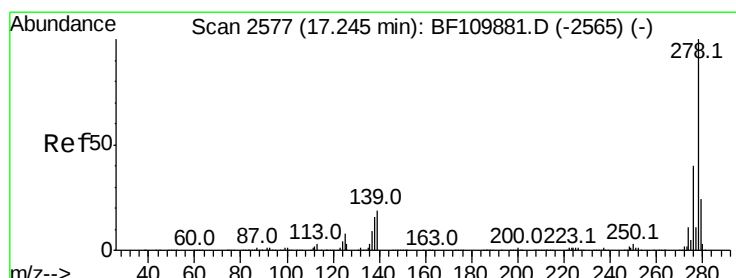
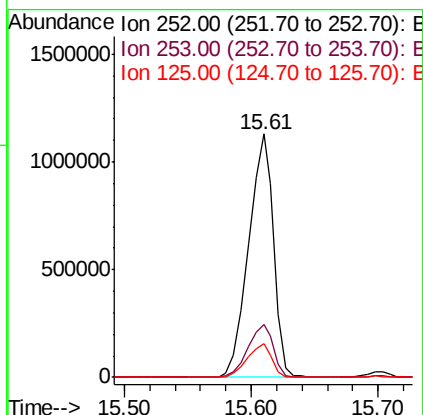
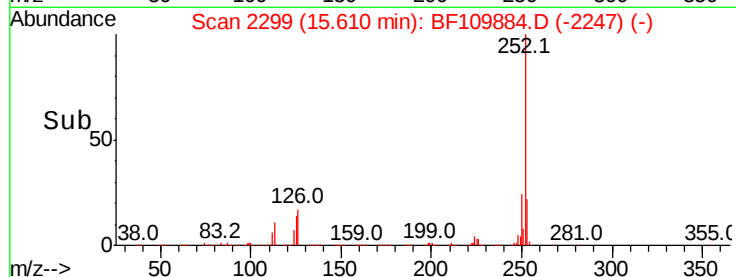
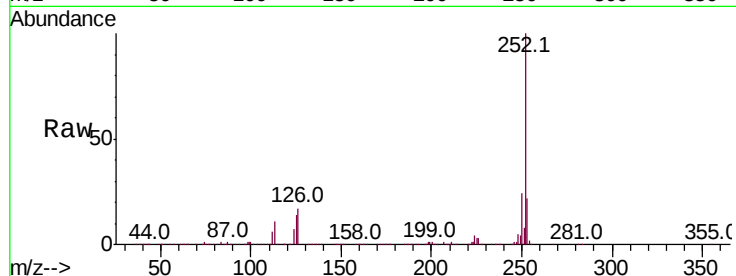
252 100

253 21.9 18.2 27.4

125 13.7 9.0 13.6#

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:23 AM



#91

Dibenzo(a,h)anthracene

Concen: 102.372 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.02 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

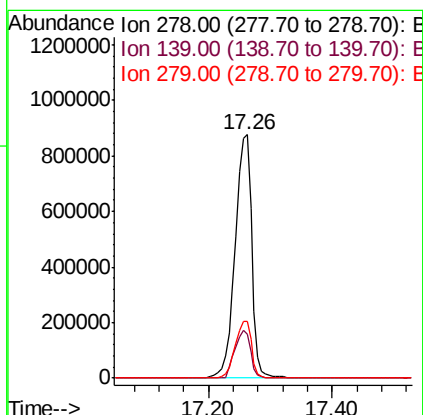
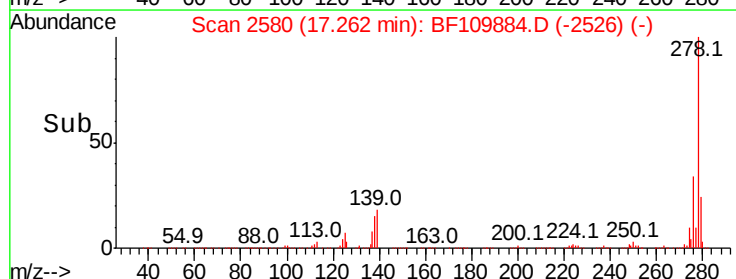
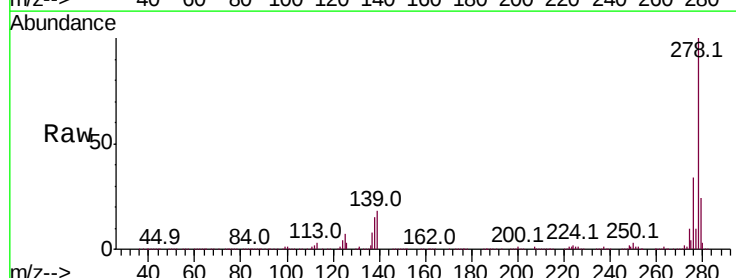
Tgt Ion:278 Resp: 1633999

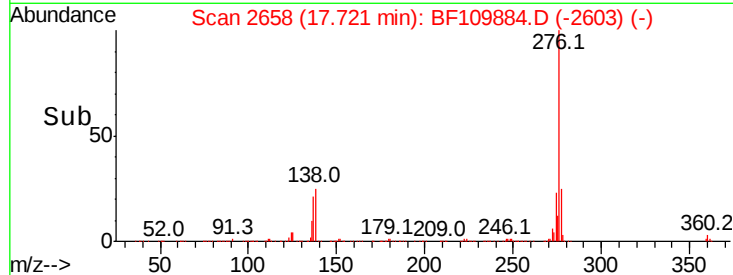
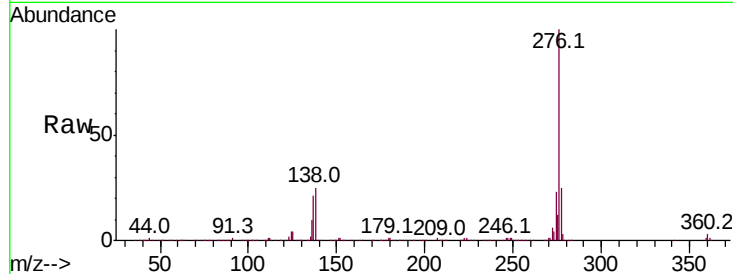
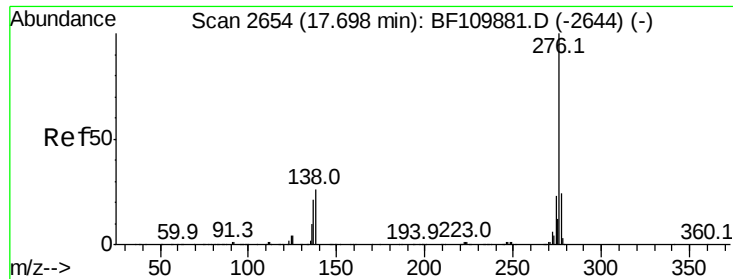
Ion Ratio Lower Upper

278 100

139 18.3 12.7 19.1

279 23.5 19.0 28.4





#92
Benzo(a,h,i)perylene
Concen: 110.218 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.02 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	25.3	16.0	24.0

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:23 AM

