

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109882.D
 Acq On : 15 Oct 2018 16:39
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:19 AM

Quant Time: Oct 15 17:16:49 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	232089	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	960562	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	441288	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	806107	20.00	ng	0.00
76) Chrysene-d12	14.15	240	555418	20.00	ng	0.00
87) Perylene-d12	15.67	264	419486	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1375417	105.19	ng	0.00
7) Phenol-d6	6.60	99	1712038	98.02	ng	0.00
23) Nitrobenzene-d5	7.55	82	1449118	83.16	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	380922	79.22	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2497163	77.94	ng	0.00
79) Terphenyl-d14	13.10	244	2416229	84.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.83	88	402319	58.628	ng	93
3) Pyridine	3.60	79	912944	64.486	ng	87
4) n-Nitrosodimethylamine	3.57	42	374004	73.190	ng	# 98
6) Aniline	6.65	93	1185913	58.284	ng	# 53
8) 2-Chlorophenol	6.76	128	786629	48.918	ng	98
9) Benzaldehyde	6.53	77	542652	48.279	ng	96
10) Phenol	6.61	94	924110	46.138	ng	# 62
11) bis(2-Chloroethyl)ether	6.71	93	781106	47.040	ng	91
12) 1,3-Dichlorobenzene	6.92	146	857149	46.604	ng	97
13) 1,4-Dichlorobenzene	7.00	146	857787	42.785	ng	98
14) 1,2-Dichlorobenzene	7.15	146	785035	44.586	ng	99
15) Benzyl Alcohol	7.12	79	675878	52.195	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1286792	58.443	ng	68
17) 2-Methylphenol	7.22	107	635029	49.937	ng	# 81
18) Hexachloroethane	7.49	117	313177	44.193	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	543611	44.379	ng	97
20) 3+4-Methylphenols	7.37	107	792153	50.554	ng	93
22) Acetophenone	7.39	105	1022671	44.027	ng	96
24) Nitrobenzene	7.56	77	780852	43.064	ng	95
25) Isophorone	7.80	82	1329768	45.955	ng	97
26) 2-Nitrophenol	7.87	139	336102	39.628	ng	94
27) 2,4-Dimethylphenol	7.90	122	643724	52.559	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	888793	45.410	ng	99
29) 2,4-Dichlorophenol	8.11	162	637786	46.426	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	693113	45.576	ng	96
31) Naphthalene	8.29	128	2028772	45.669	ng	98
32) Benzoic acid	8.02	122	454341m	51.886	ng	
33) 4-Chloroaniline	8.33	127	933509	47.719	ng	99
34) Hexachlorobutadiene	8.40	225	382424	40.444	ng	98
35) Caprolactam	8.71	113	226187	55.132	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	661218	45.597	ng	95
37) 2-Methylnaphthalene	8.97	142	1327383	45.616	ng	98
38) 1-Methylnaphthalene	9.07	142	1285463	44.435	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	635029	42.275	ng	98

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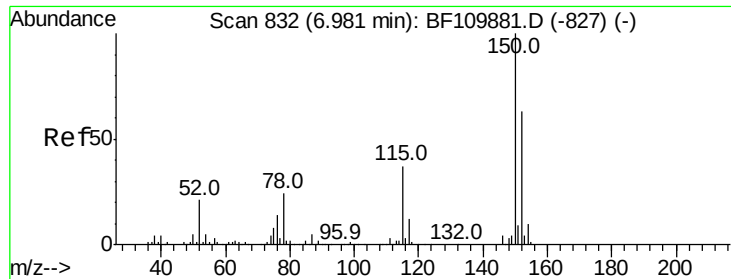
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	339279	61.893	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	422337	47.032	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	438098	42.431	nq	95
46) 1,1'-Biphenyl	9.44	154	1810505	45.926	nq	96
47) 2-Chloronaphthalene	9.47	162	1358889	46.009	nq	99
48) 2-Nitroaniline	9.56	65	390940	43.715	nq	98
49) Acenaphthylene	9.89	152	1964592	45.627	nq	98
50) Dimethylphthalate	9.74	163	1468907	45.387	nq	99
51) 2,6-Dinitrotoluene	9.80	165	312040	44.479	nq	97
52) Acenaphthene	10.06	154	1267372	49.652	nq	98
53) 3-Nitroaniline	9.97	138	373598	47.507	nq #	90
54) 2,4-Dinitrophenol	10.07	184	82795	36.579	nq #	82
55) Dibenzofuran	10.23	168	1784021	46.628	nq	98
56) 4-Nitrophenol	10.12	139	286086	66.461	nq	90
57) 2,4-Dinitrotoluene	10.20	165	373157	42.622	nq #	89
58) Fluorene	10.57	166	1277893	44.724	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	352186	41.962	nq	95
60) Diethylphthalate	10.44	149	1457956	45.466	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	670974	44.512	nq	96
62) 4-Nitroaniline	10.59	138	353089	48.482	nq	95
63) Azobenzene	10.72	77	1500674	46.084	nq	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	141577	36.084	nq	88
66) n-Nitrosodiphenylamine	10.68	169	1268875	46.433	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	418223	45.153	nq	92
68) Hexachlorobenzene	11.12	284	442260	44.095	nq #	90
69) Atrazine	11.20	200	396784	46.525	nq	99
70) Pentachlorophenol	11.30	266	277727	49.210	nq	97
71) Phenanthrene	11.54	178	1922590	47.659	nq	98
72) Anthracene	11.59	178	1945161	46.645	nq	99
73) Carbazole	11.74	167	1924989	47.595	nq	99
74) Di-n-butylphthalate	12.06	149	2132177	45.453	nq	99
75) Fluoranthene	12.73	202	1929367	45.781	nq	97
77) Benzdine	12.84	184	951669	46.125	nq	99
78) Pyrene	12.96	202	1983390	48.740	nq	99
80) Butylbenzylphthalate	13.56	149	836614	47.419	nq	95
81) Benzo(a)anthracene	14.14	228	1555240	50.742	nq	98
82) 3,3'-Dichlorobenzidine	14.10	252	539361	43.703	nq	98
83) Chrysene	14.18	228	1484527	46.111	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	1075144	49.949	nq	96
85) Di-n-octyl phthalate	14.74	149	1512441	44.453	nq	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	1243061	53.944	nq #	93
88) Benzo(b)fluoranthene	15.22	252	1189808	51.326	nq	99
89) Benzo(k)fluoranthene	15.25	252	1161992	49.889	nq #	95
90) Benzo(a)pyrene	15.60	252	1103455	52.454	nq #	96
91) Dibenzo(a,h)anthracene	17.25	278	1029866	59.609	nq	97
92) Benzo(g,h,i)perylene	17.70	276	1058410	61.348	nq #	92

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



#1

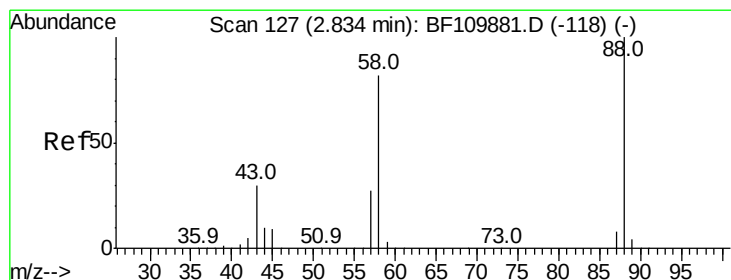
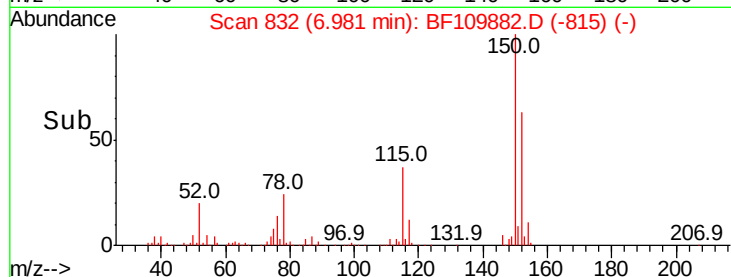
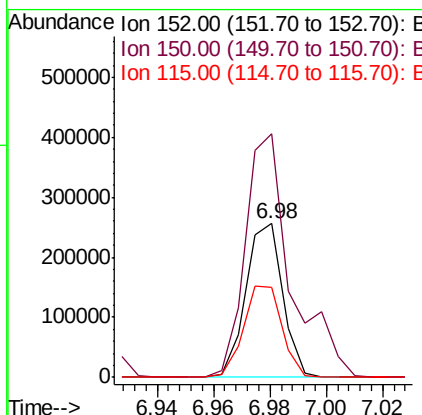
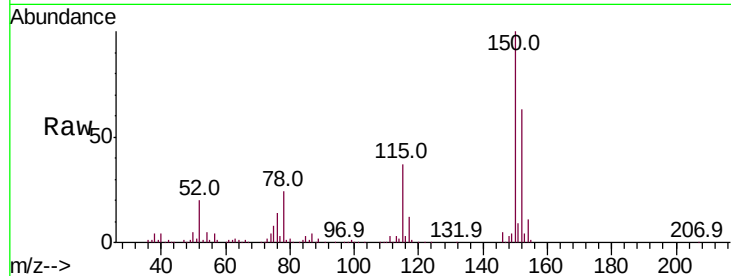
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	58.8	49.1	73.7

Manual Integrations
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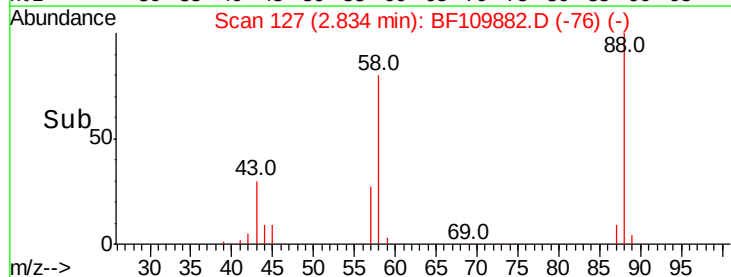
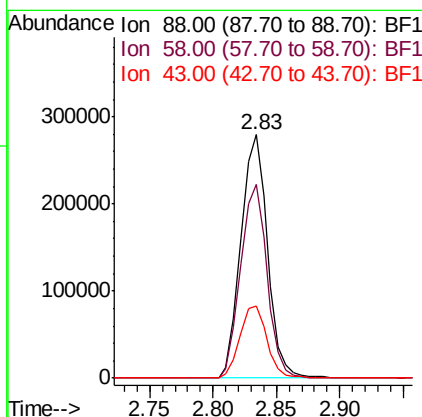
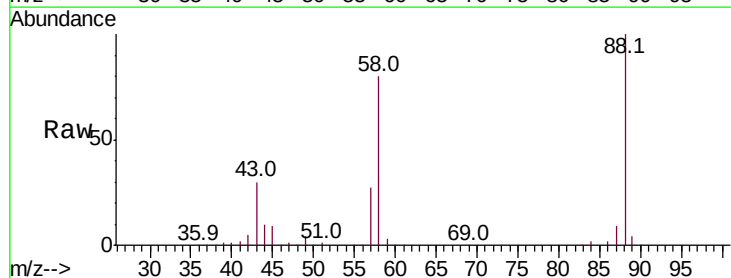
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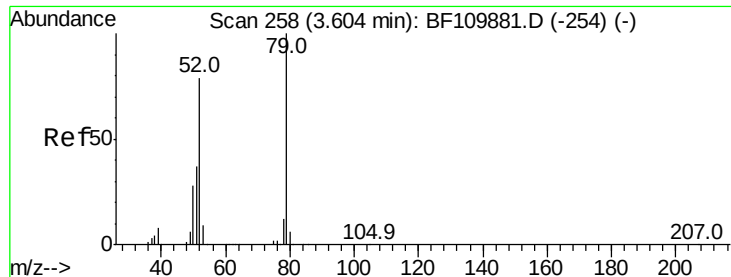


#2

1,4-Dioxane
Concen: 58.628 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	57.1	85.7
43	30.3	24.1	36.1





#3

Pvridine

Concen: 64.486 ng

RT: 3.60 min Scan# 258

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

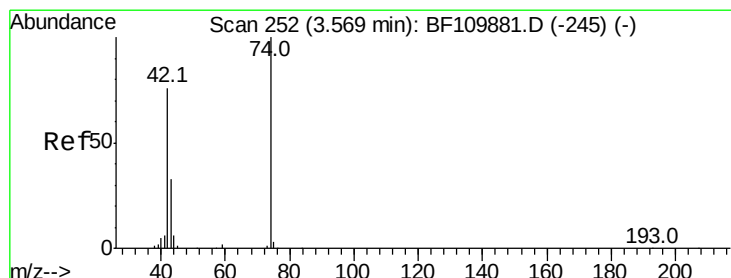
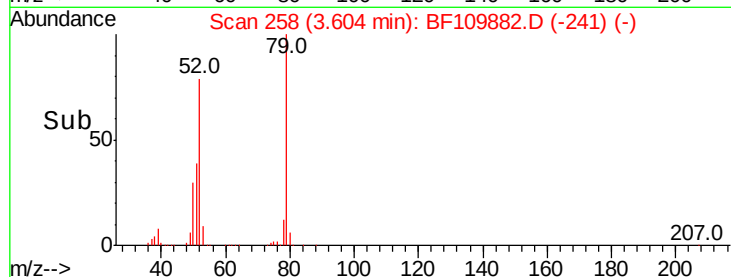
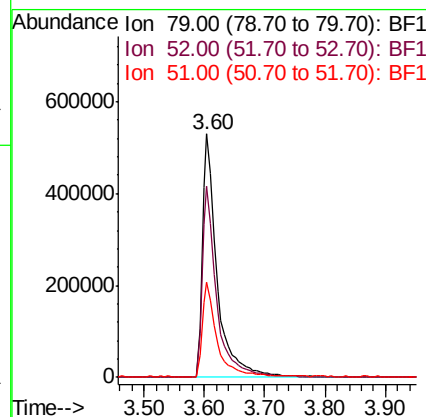
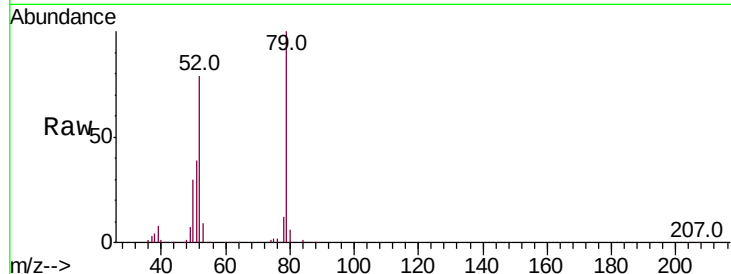
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	912944
Ion Ratio	Lower	Upper	
79	100		
52	78.7	53.1	79.7
51	39.0	27.4	41.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 73.190 ng

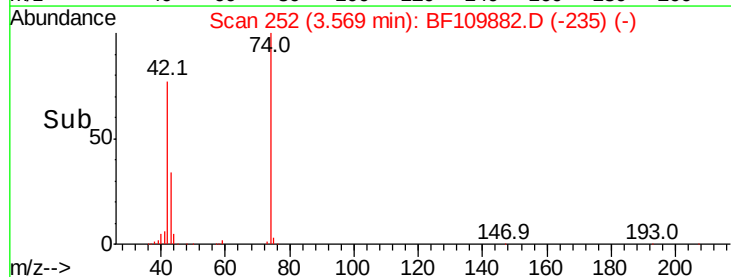
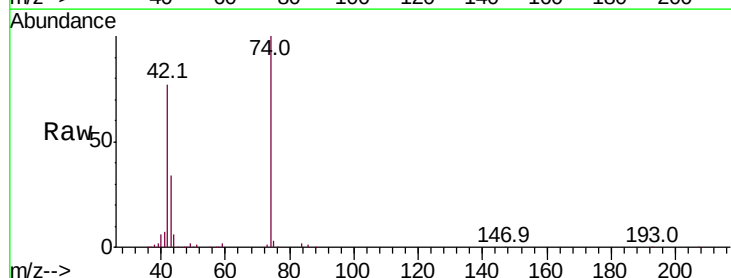
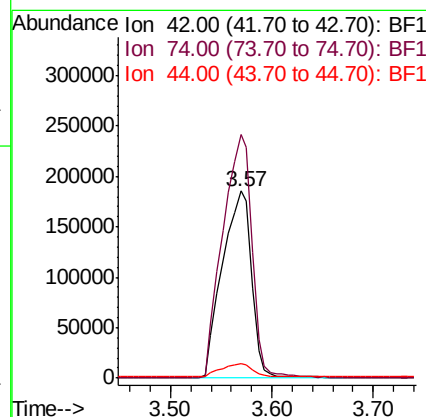
RT: 3.57 min Scan# 252

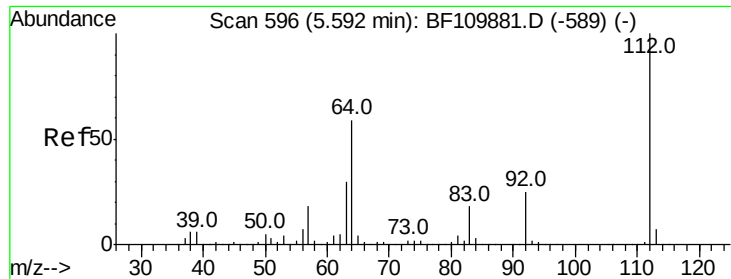
Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:	42	Resp:	374004
Ion Ratio	Lower	Upper	
42	100		
74	130.1	105.5	158.3
44	7.7	4.9	7.3#





#5

2-Fluorophenol

Concen: 105.193 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampled :

SSTDIC050

Tot Ion:112 Resp: 1375417

Ion Ratio Lower Upper

112 100

64 60.4 44.1 66.1

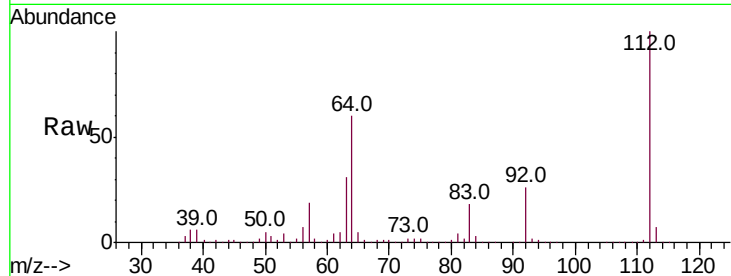
63 31.0 23.7 35.5

Manual Integrations

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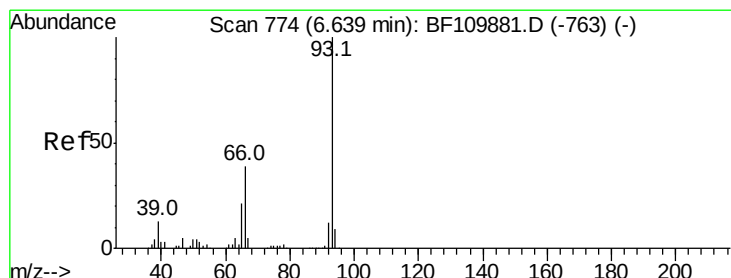
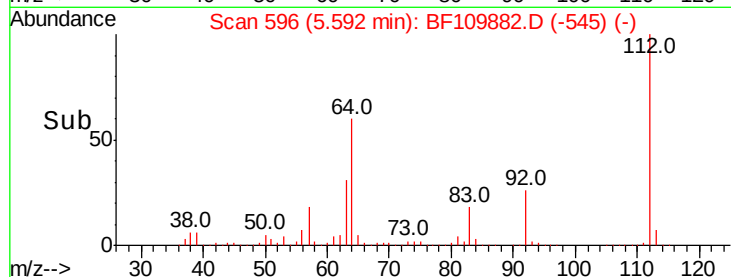
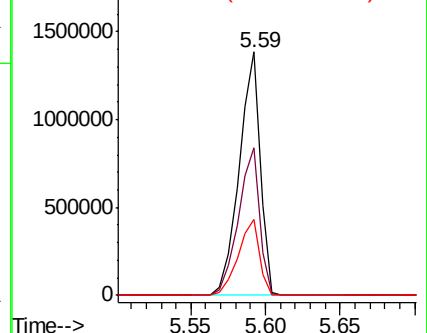
10/16/2018 9:57:19 AM



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: 58.284 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

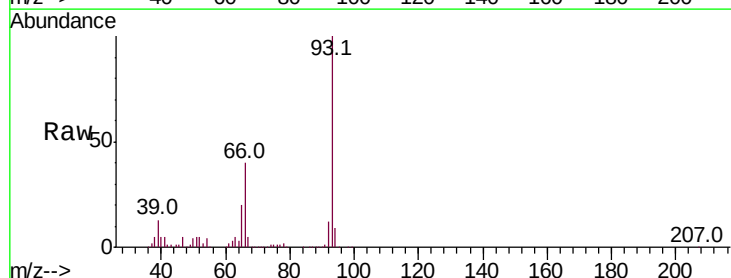
Tgt Ion: 93 Resp: 1185913

Ion Ratio Lower Upper

93 100

66 39.6 67.4 101.0#

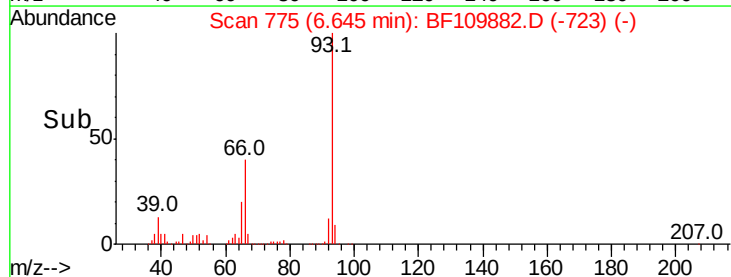
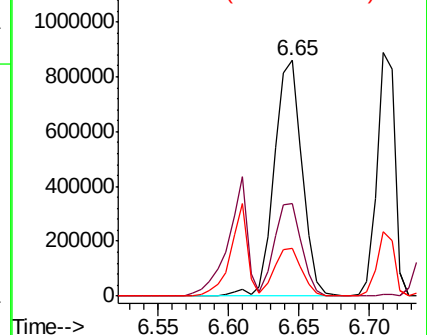
65 20.1 41.0 61.4#

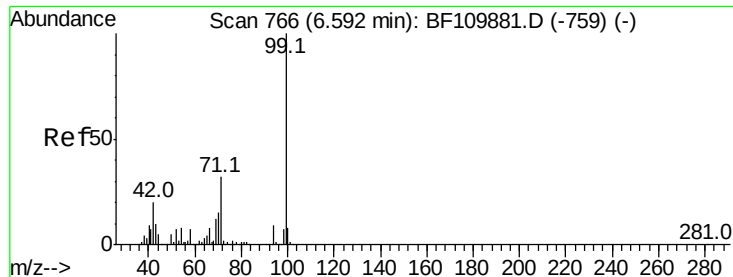


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.016 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1712038

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

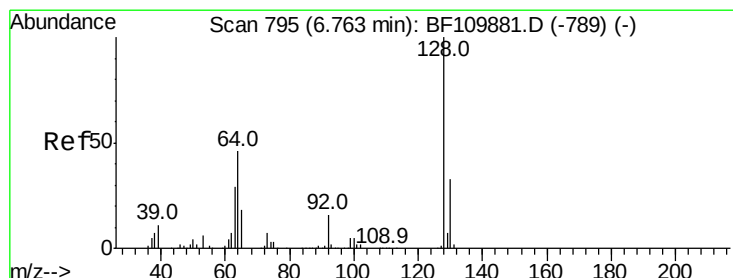
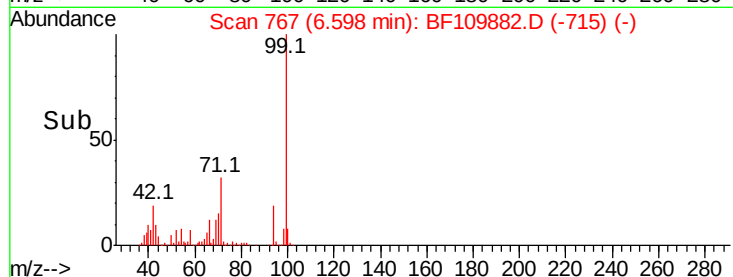
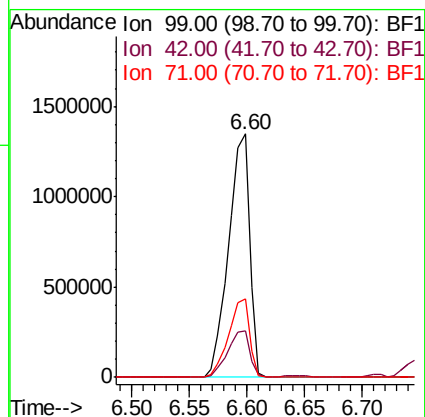
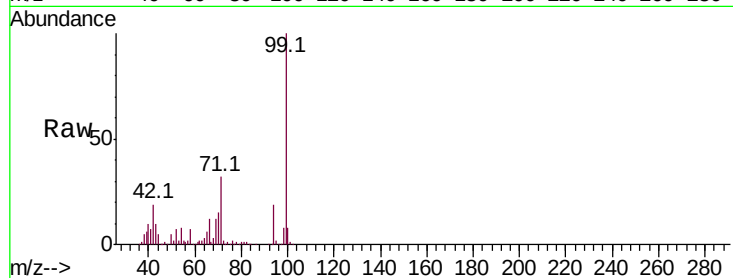
71 32.0 28.0 42.0

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#8

2-Chlorophenol

Concen: 48.918 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

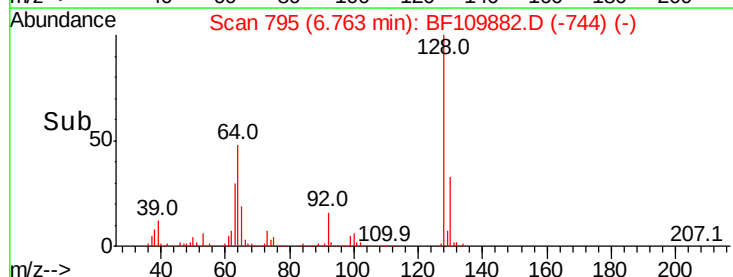
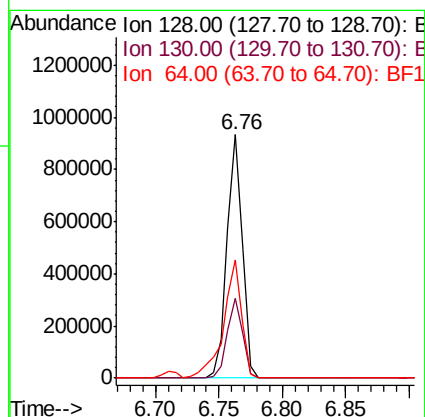
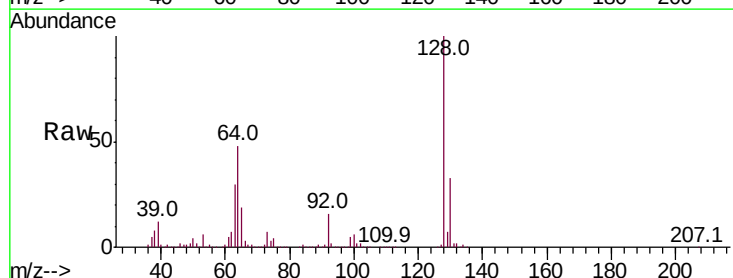
Tgt Ion:128 Resp: 786629

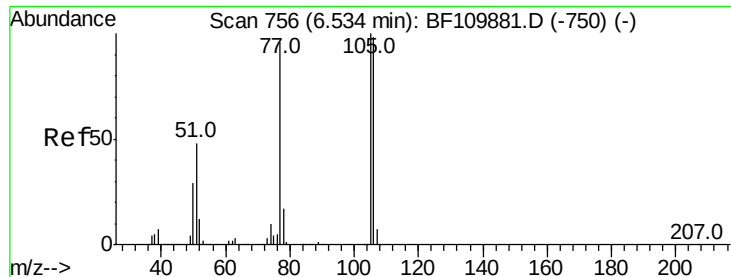
Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

64 48.4 26.0 66.0





#9

Benzaldehyde

Concen: 48.279 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

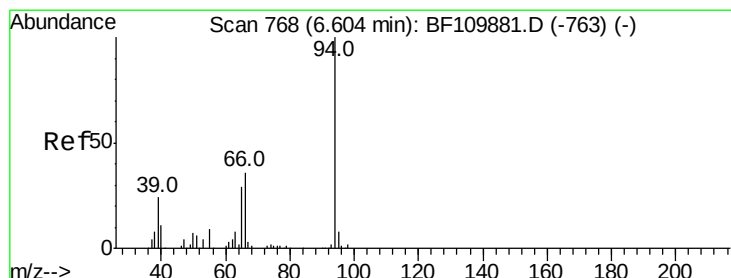
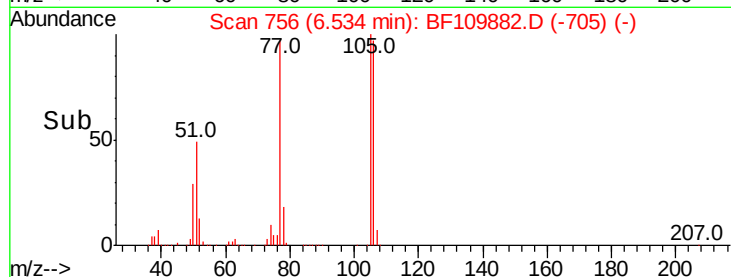
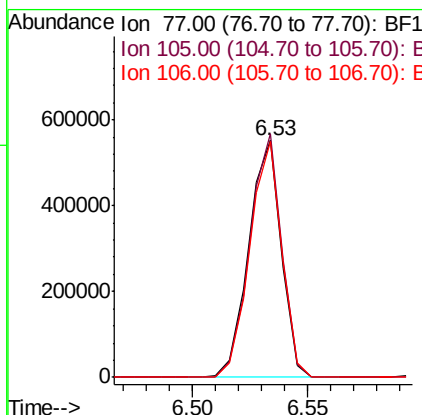
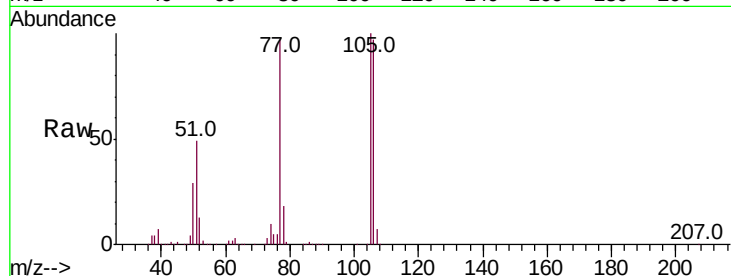
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.7	78.6	118.6
106	99.3	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 46.138 ng

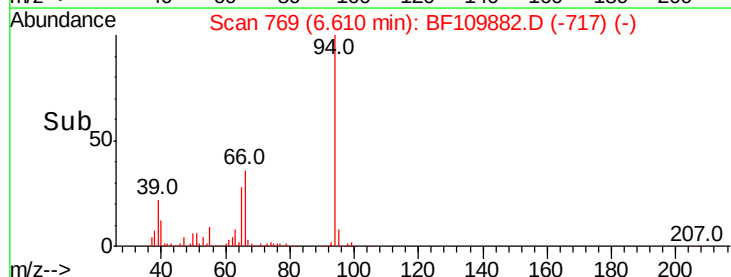
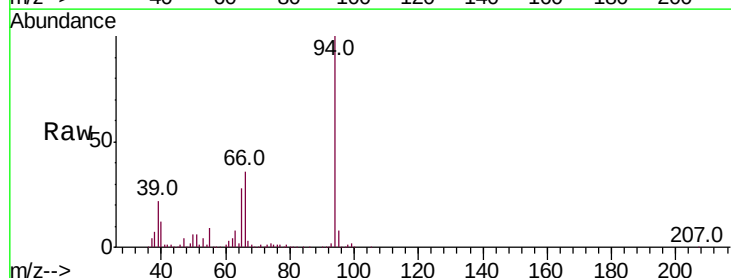
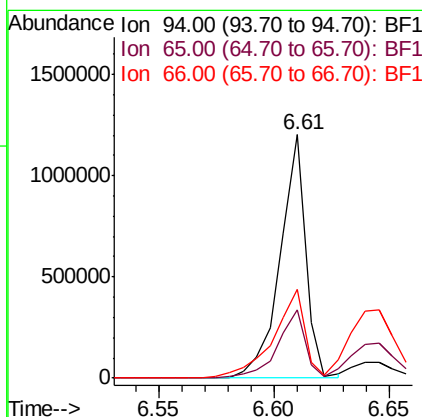
RT: 6.61 min Scan# 769

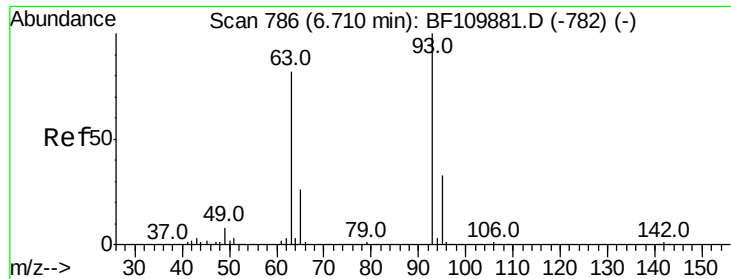
Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	25.3	65.3
66	36.3	54.5	94.5#





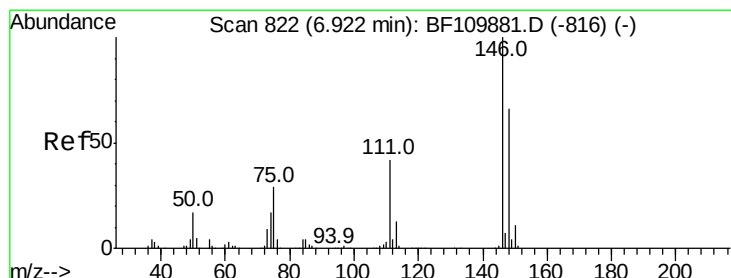
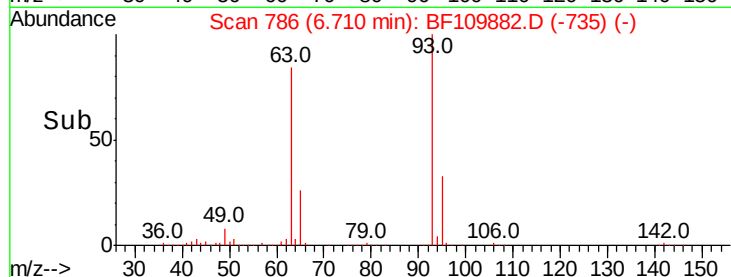
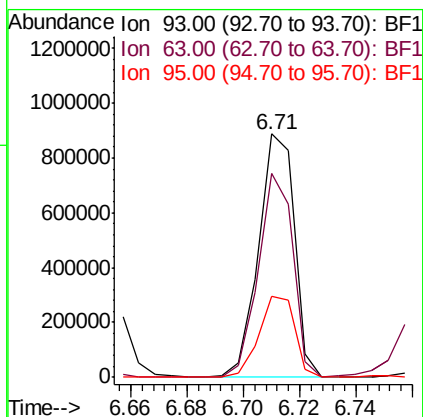
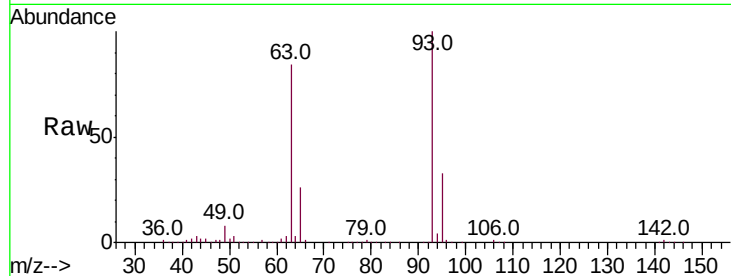
#11
bis(2-Chloroethyl)ether
Concen: 47.040 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.8	53.4	93.4
95	33.3	12.1	52.1

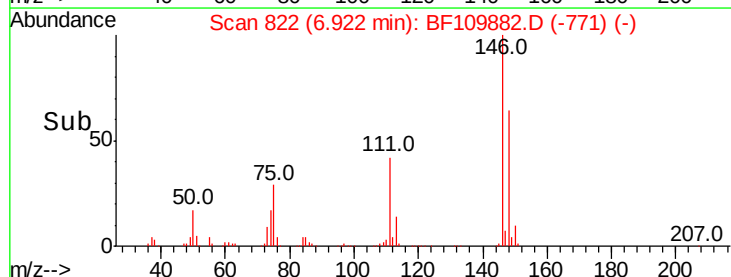
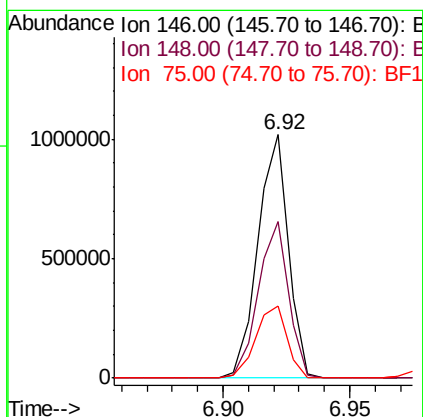
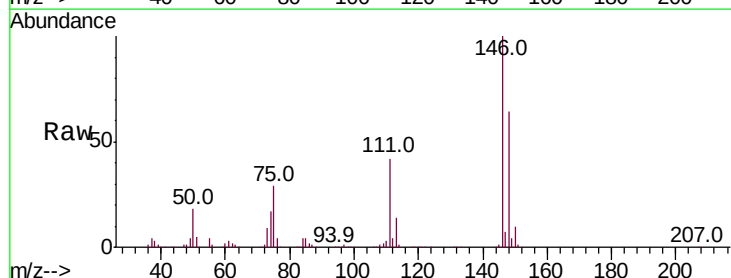
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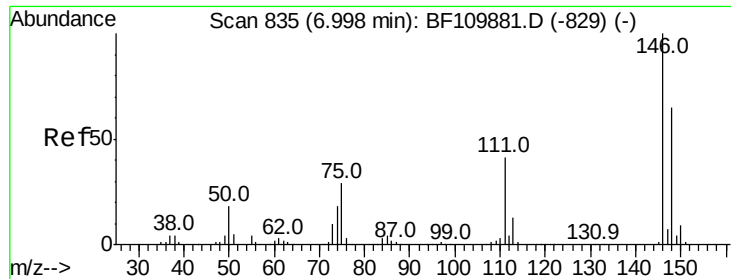
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#12
1,3-Dichlorobenzene
Concen: 46.604 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
75	29.5	25.8	38.6





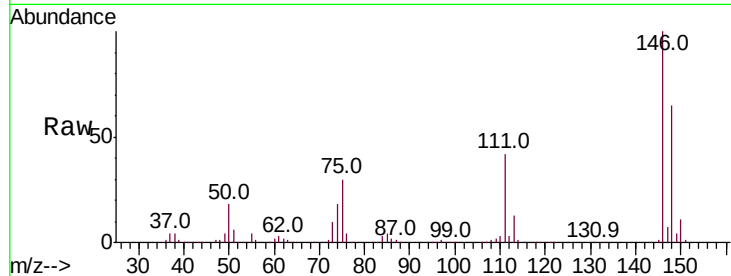
#13
 1,4-Dichlorobenzene
 Concen: 42.785 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.3	75.5
111	41.7	32.7	49.1

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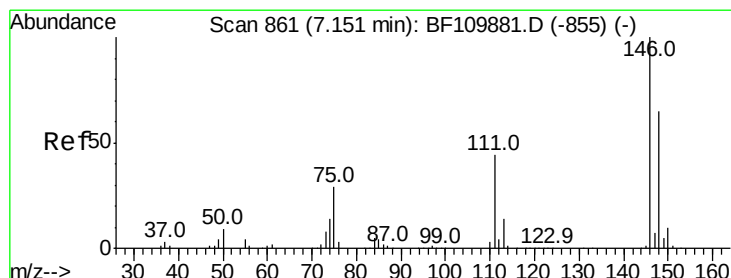
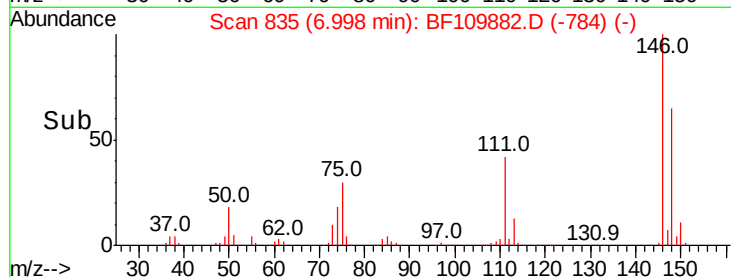
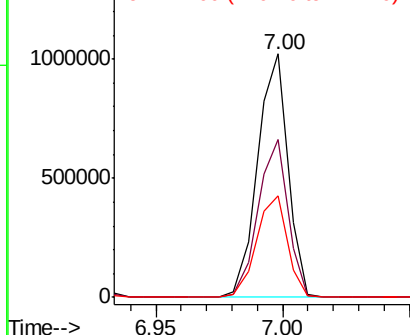


Abundance

Ion 146.00 (145.70 to 146.70): E

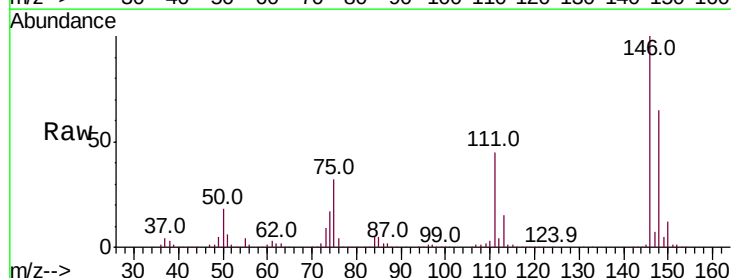
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.586 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	44.6	35.8	53.6

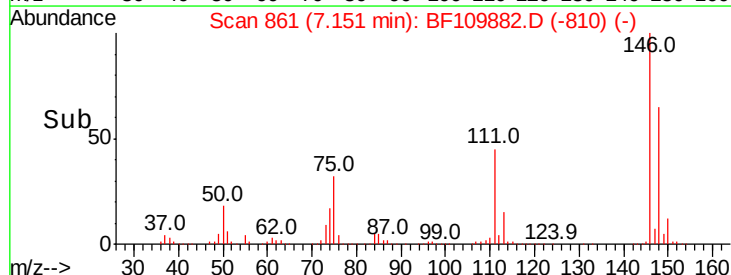
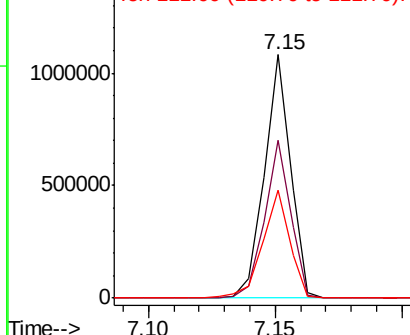


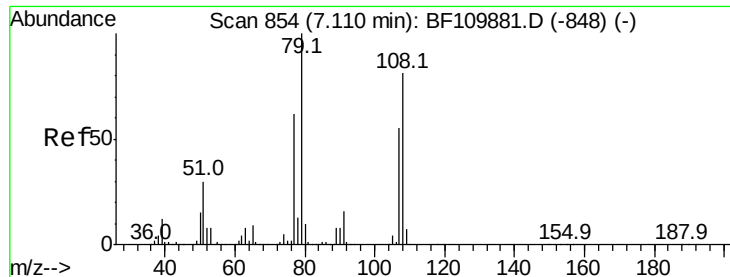
Abundance

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: 52.195 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 675878

Ion Ratio Lower Upper

79 100

108 82.2 56.3 84.5

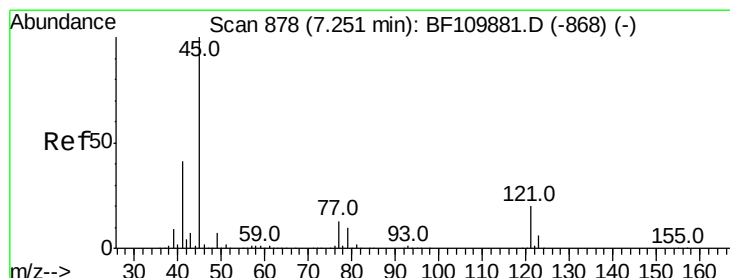
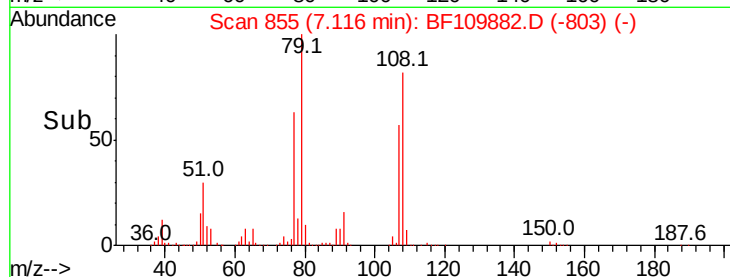
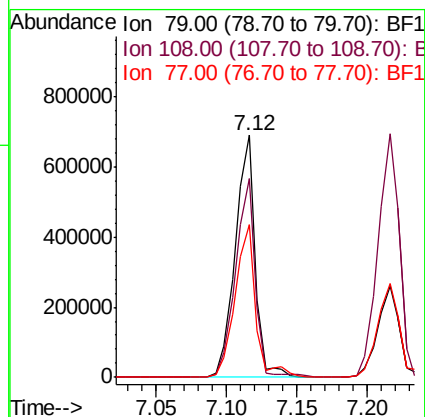
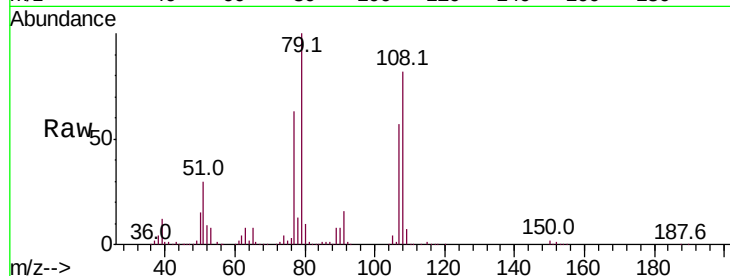
77 63.2 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 58.443 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

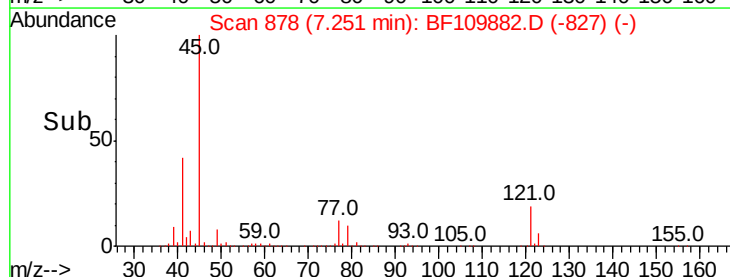
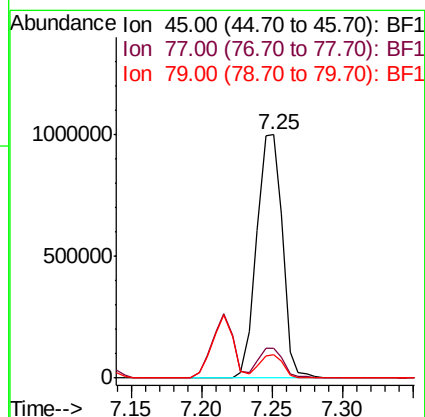
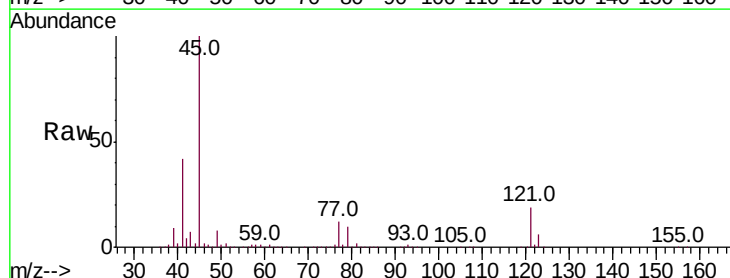
Tgt Ion: 45 Resp: 1286792

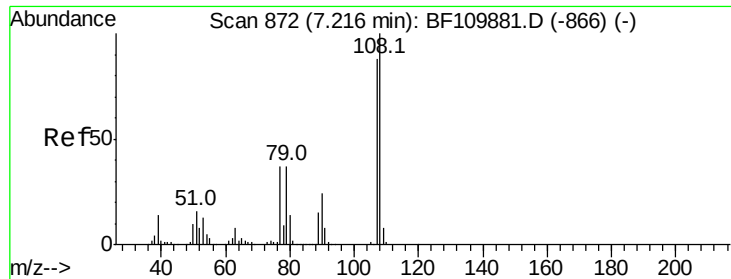
Ion Ratio Lower Upper

45 100

77 12.5 10.0 50.0

79 9.7 6.1 46.1





#17

2-Methylphenol

Concen: 49.937 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 635029
Ion Ratio Lower Upper

107 100

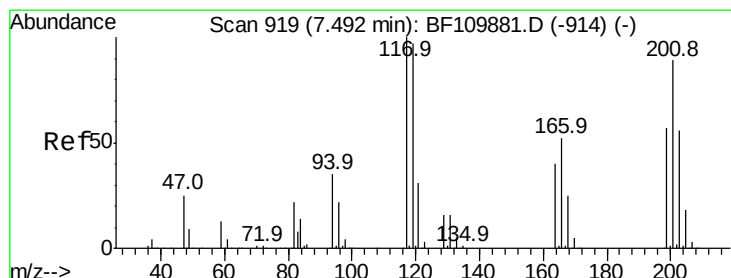
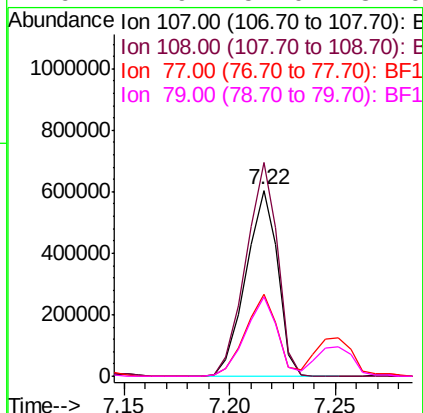
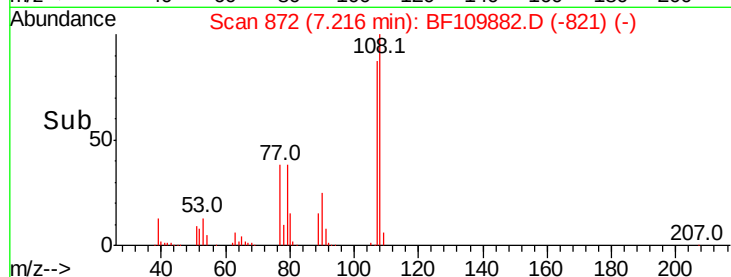
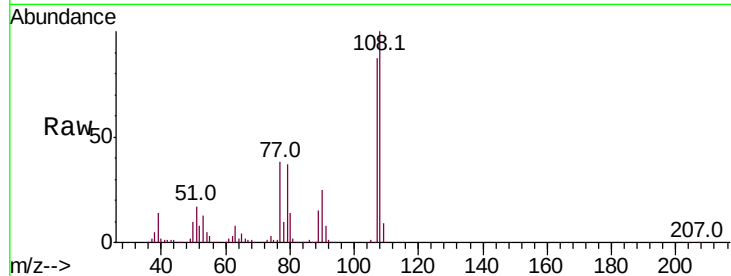
108 115.1 92.6 138.8

77 44.1 59.4 89.2#

79 42.9 54.0 81.0#

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#18

Hexachloroethane

Concen: 44.193 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF109882.D

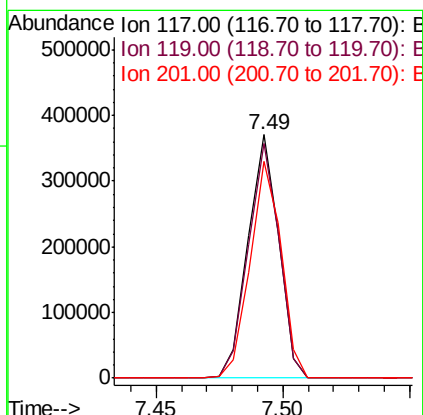
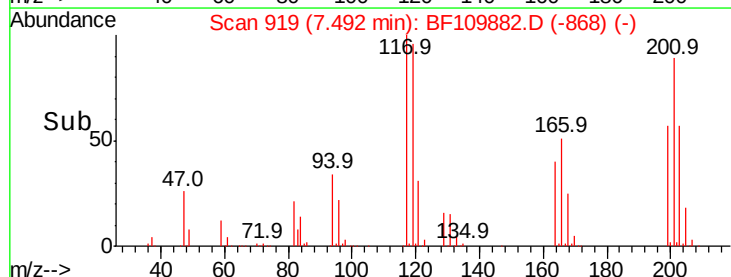
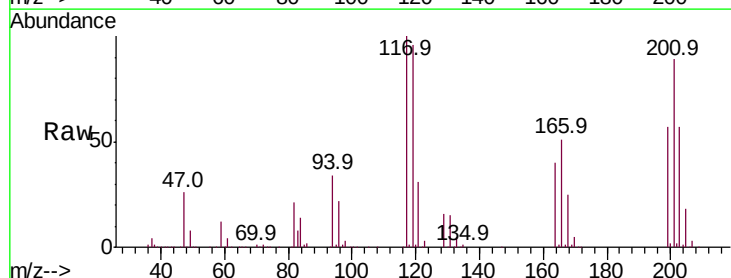
Acq: 15 Oct 2018 16:39

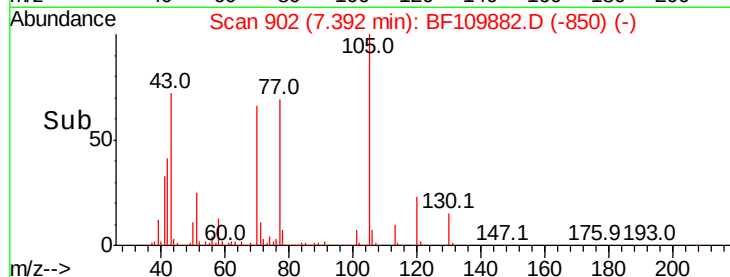
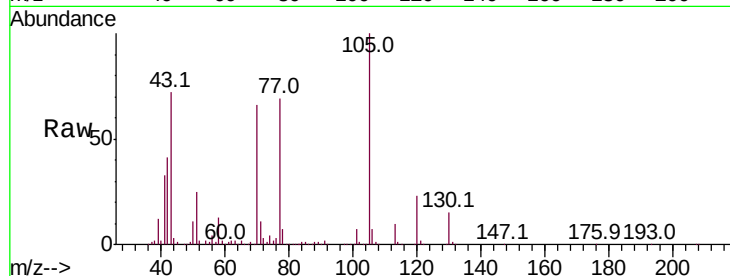
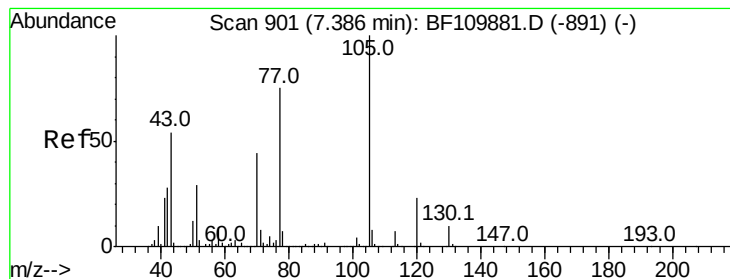
Tgt Ion:117 Resp: 313177
Ion Ratio Lower Upper

117 100

119 96.5 75.0 112.6

201 89.1 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.379 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 70 Resp: 543611

Ion Ratio Lower Upper

70 100

42 61.1 47.4 71.2

101 10.1 7.3 10.9

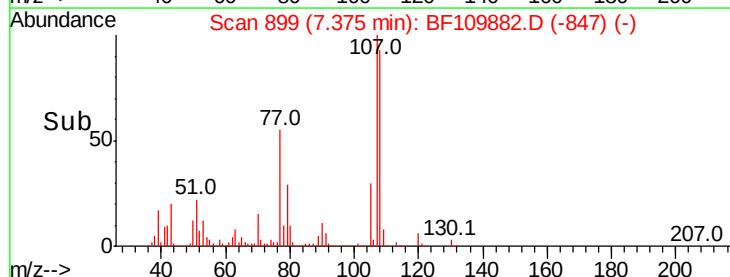
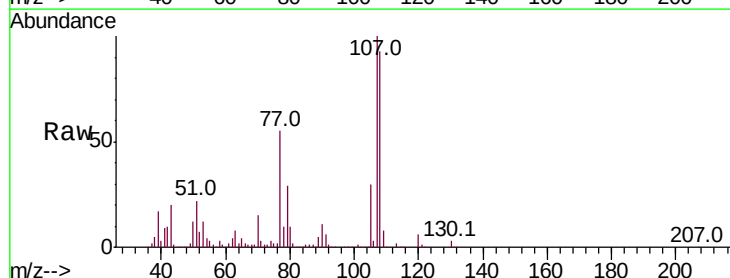
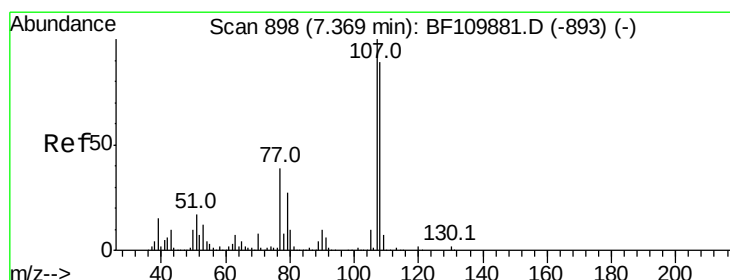
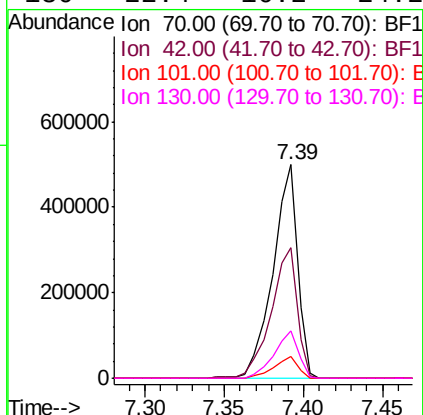
130 22.4 16.2 24.2

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#20

3+4-Methylphenols

Concen: 50.554 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion: 107 Resp: 792153

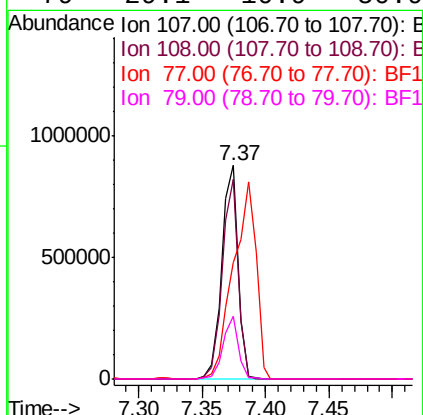
Ion Ratio Lower Upper

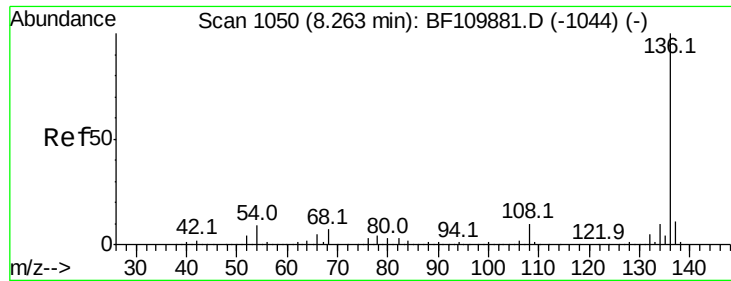
107 100

108 93.4 71.4 111.4

77 54.8 47.3 87.3

79 29.1 10.9 50.9





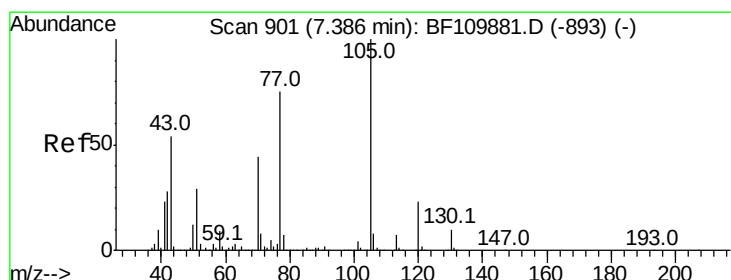
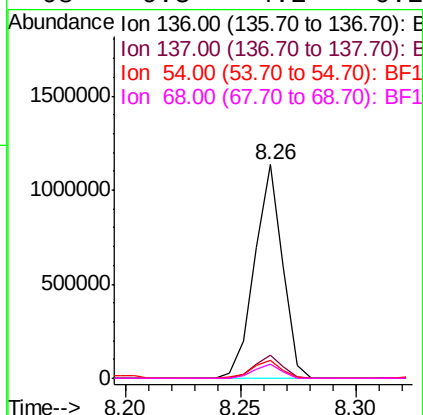
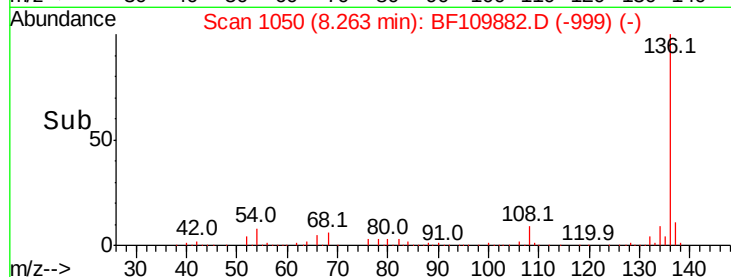
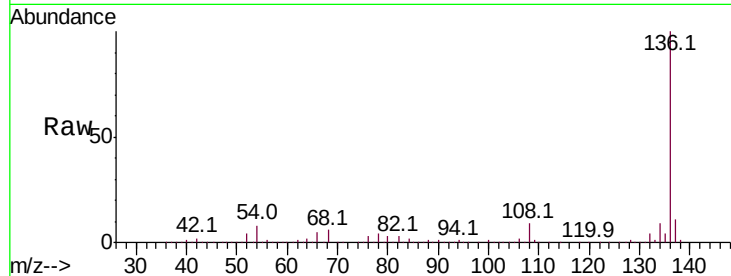
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	8.3	5.4	8.2#	
68	6.3	4.2	6.2#	

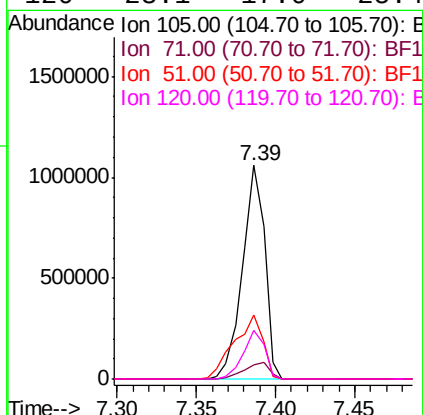
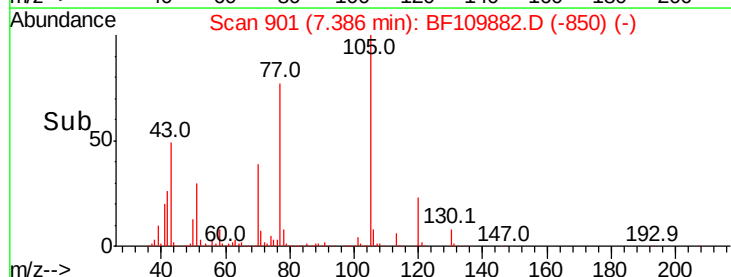
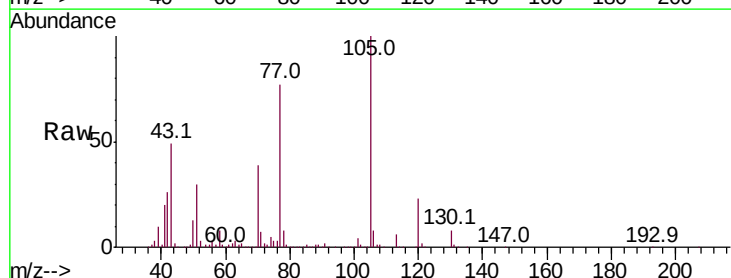
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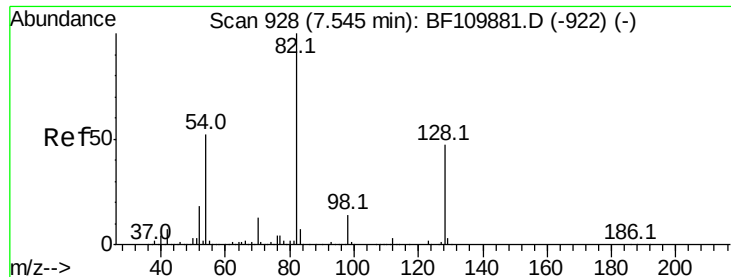
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#22
Acetophenone
Concen: 44.027 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	5.2	7.8	
51	29.9	21.8	32.8	
120	23.1	17.0	25.4	





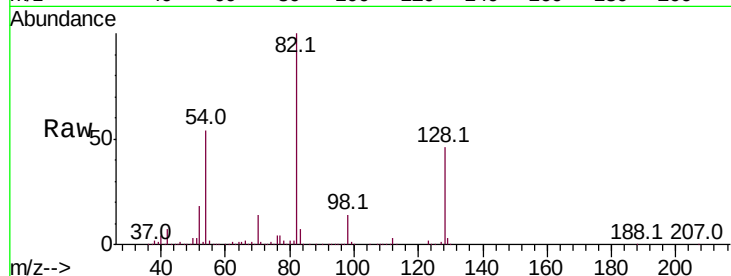
#23
Nitrobenzene-d5
Concen: 83.160 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

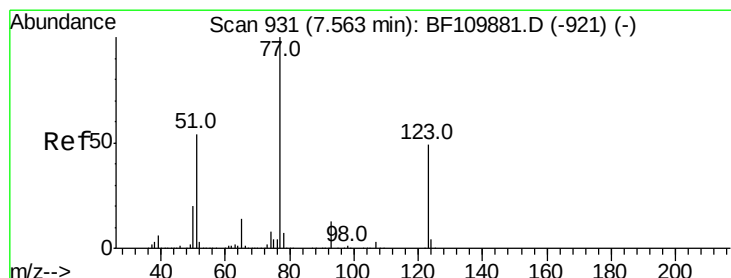
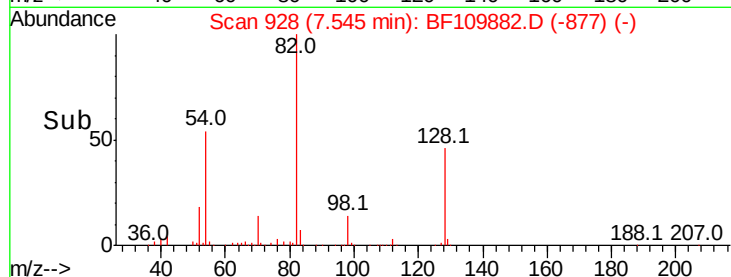
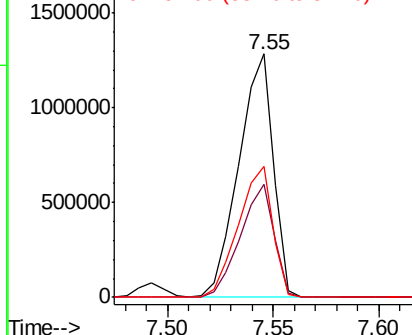
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	53.7	38.6	58.0

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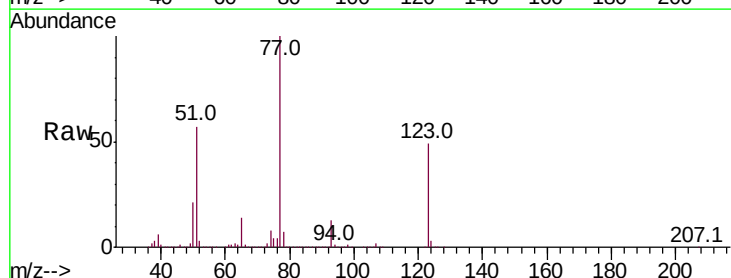


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

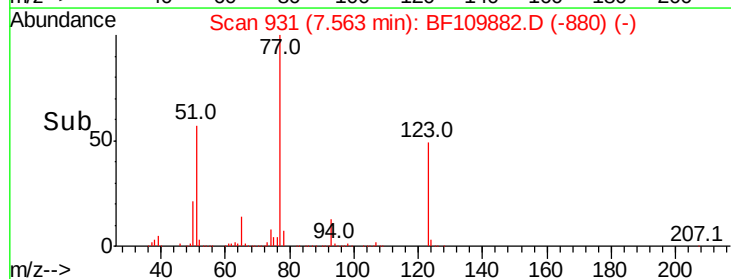
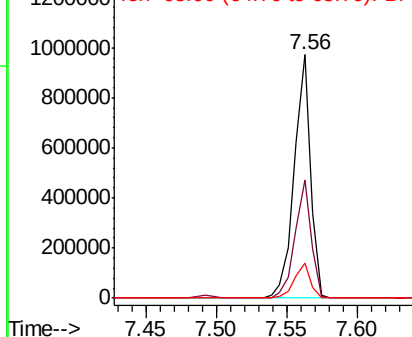


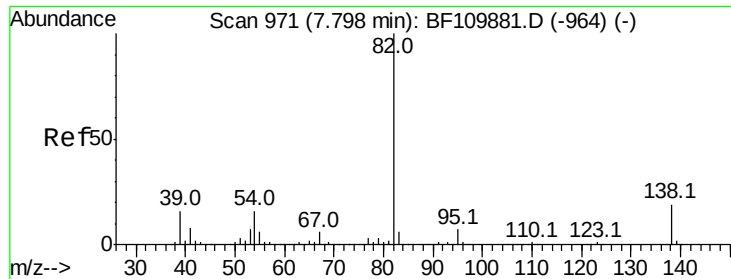
#24
Nitrobenzene
Concen: 43.064 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.7	53.5
65	14.2	10.7	16.1



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: 45.955 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1329768

Ion Ratio Lower Upper

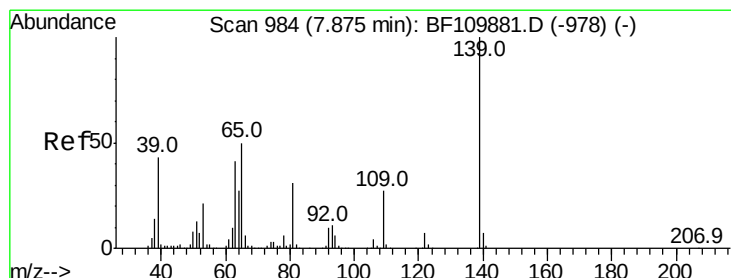
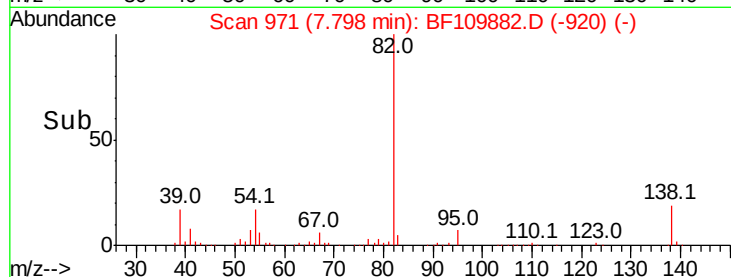
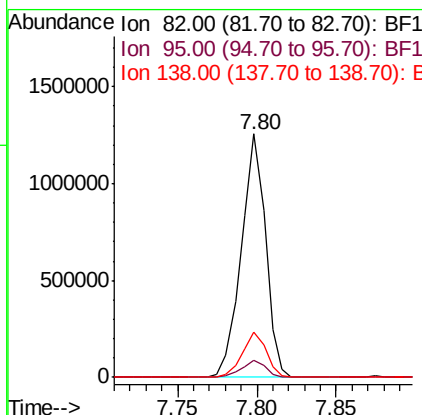
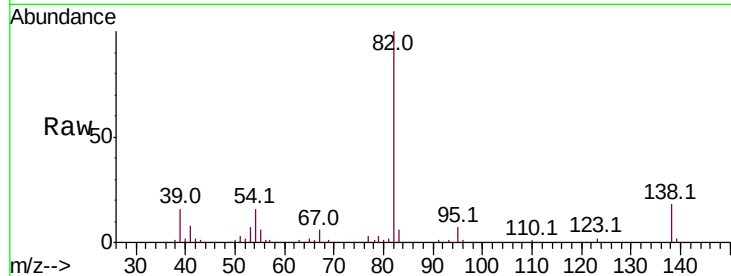
82 100

95 7.0 5.7 8.5

138 18.4 13.2 19.8

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#26

2-Nitrophenol

Concen: 39.628 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

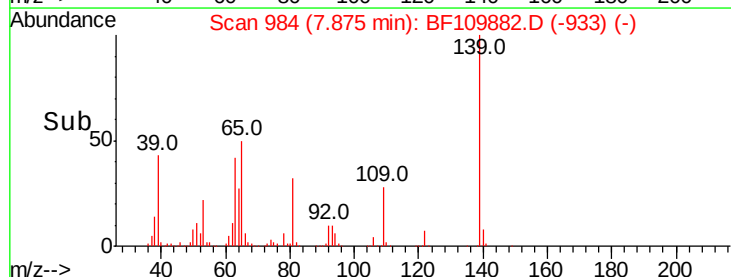
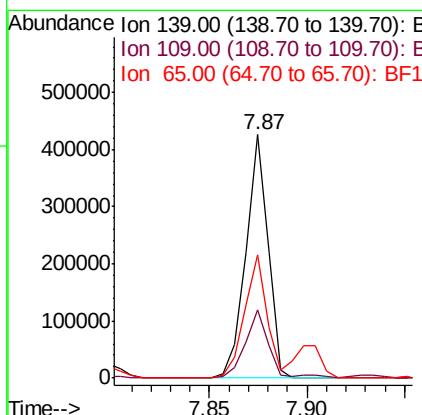
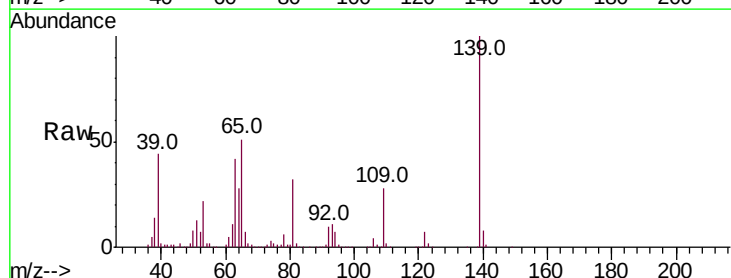
Tgt Ion: 139 Resp: 336102

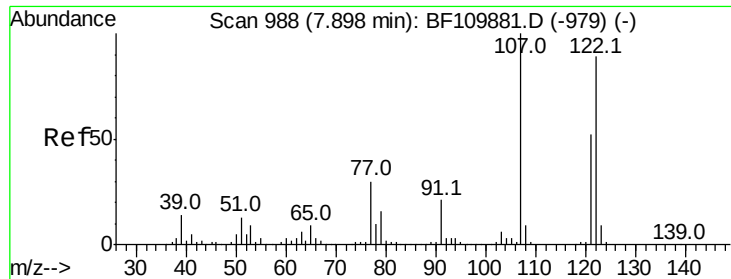
Ion Ratio Lower Upper

139 100

109 28.1 25.0 37.6

65 50.5 44.0 66.0





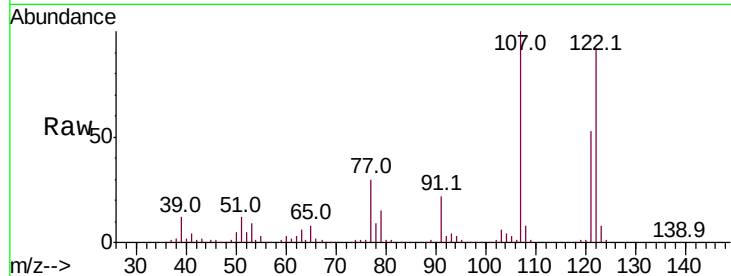
#27
2,4-Dimethylphenol
Concen: 52.559 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	92.5	138.7
121	58.4	45.8	68.8

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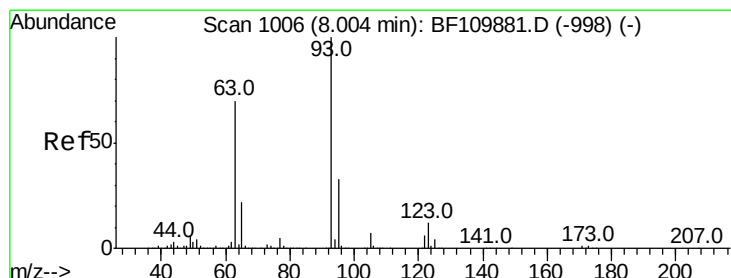
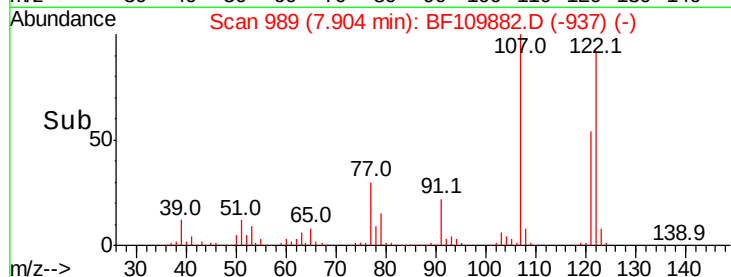
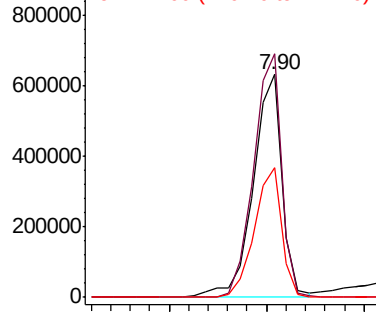


Abundance

Ion 122.00 (121.70 to 122.70): E

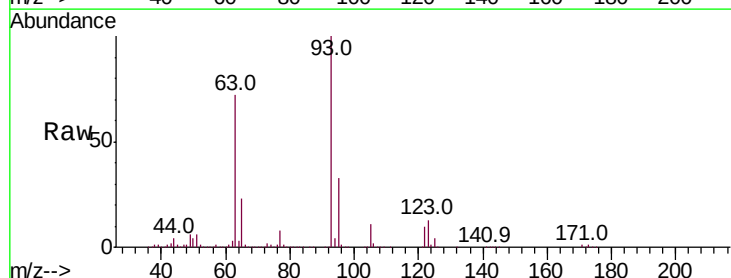
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 45.410 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	12.6	9.0	13.6

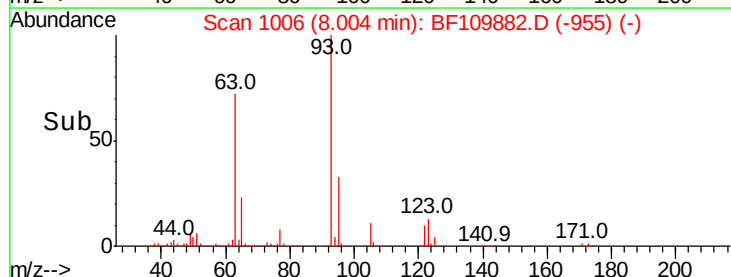
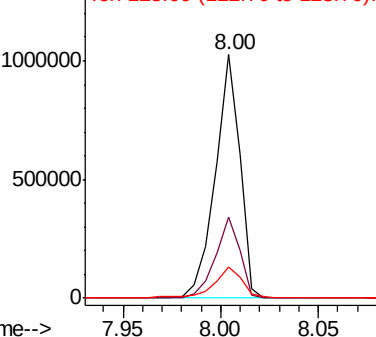


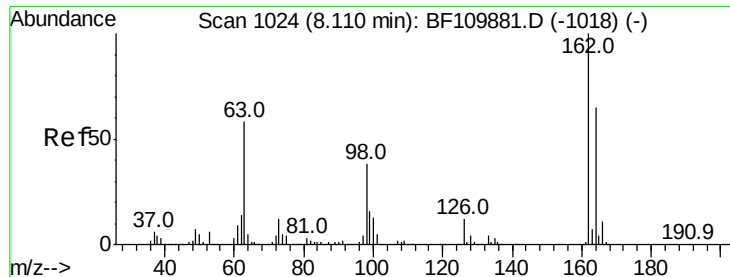
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





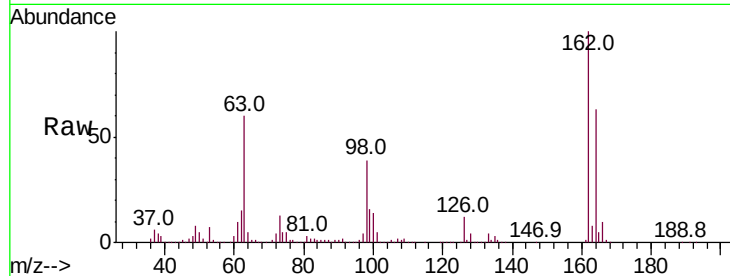
#29
2,4-Dichlorophenol
Concen: 46.426 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	637786		
164	63.2		44.6	84.6
98	39.0		17.4	57.4

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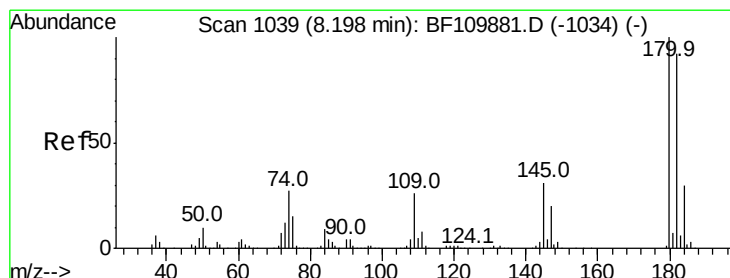
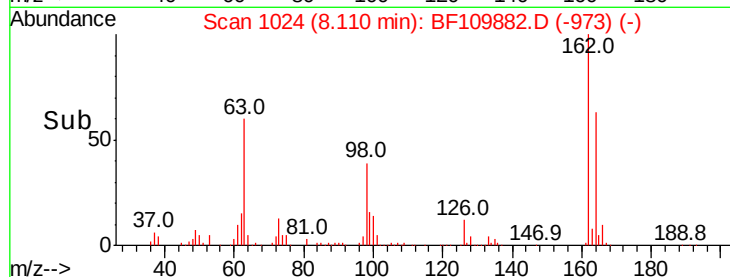
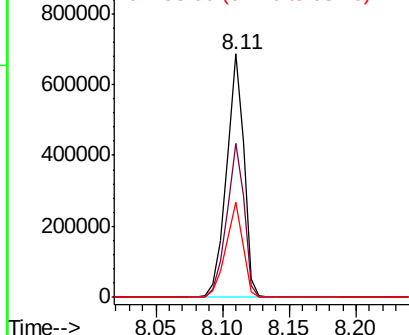


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.576 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

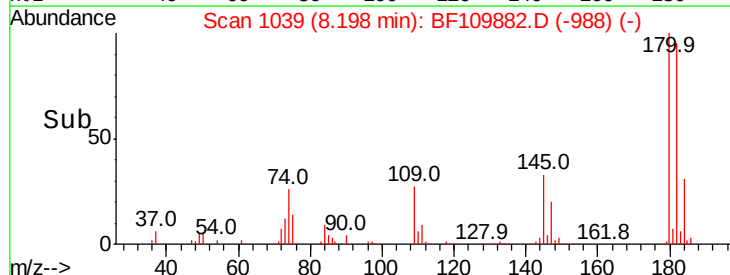
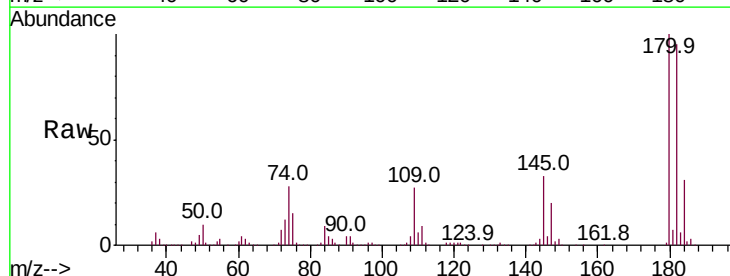
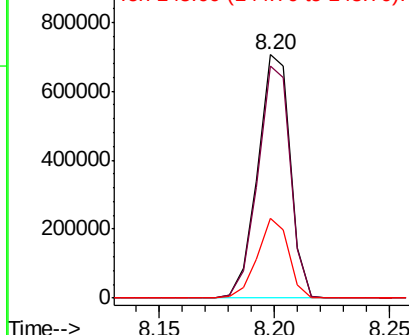
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	693113		
182	95.3		80.3	120.5
145	33.0		25.4	38.0

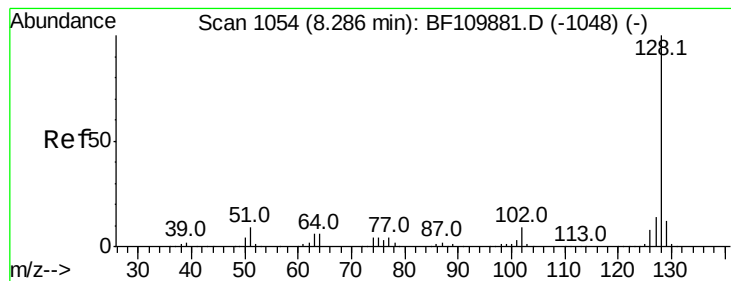
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.669 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 2028772

Ion Ratio Lower Upper

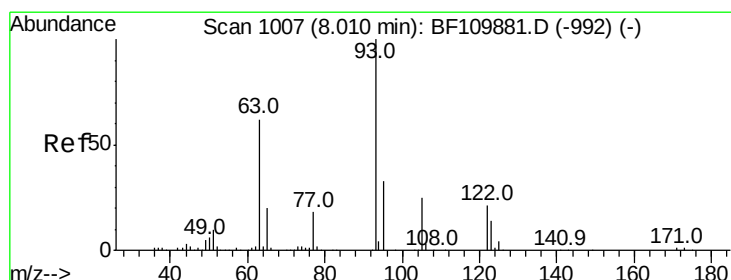
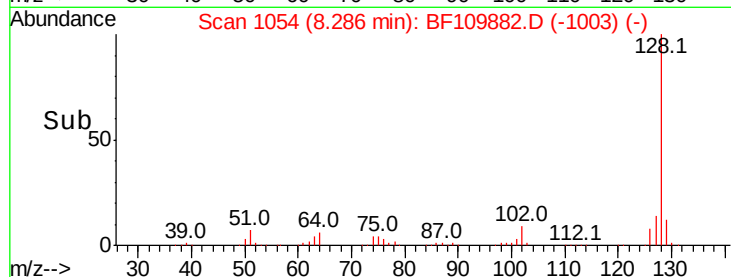
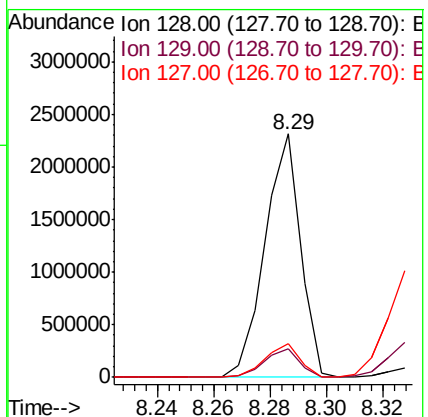
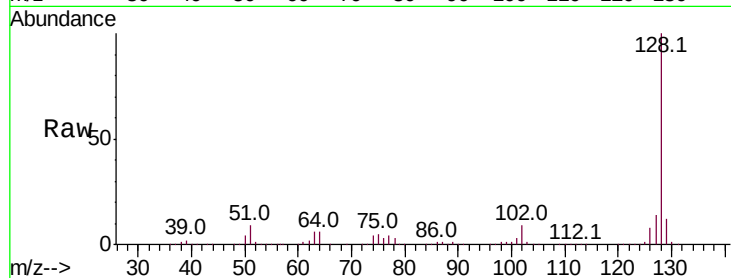
128 100

129 11.8 8.8 13.2

127 14.0 10.8 16.2

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#32

Benzoic acid

Concen: 51.886 ng m

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

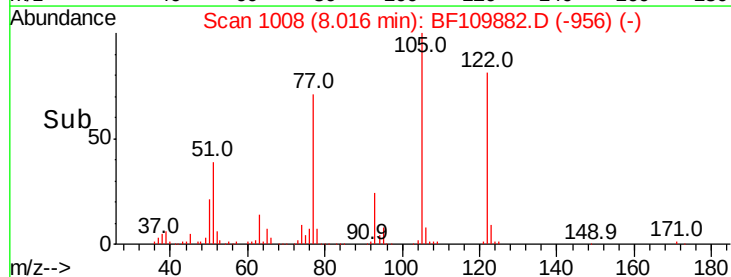
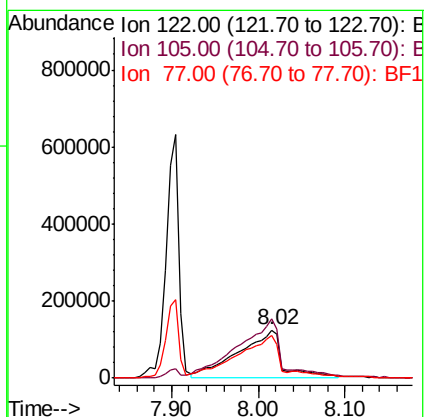
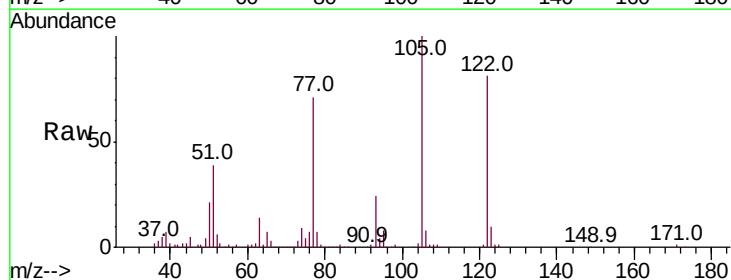
Tgt Ion:122 Resp: 454341

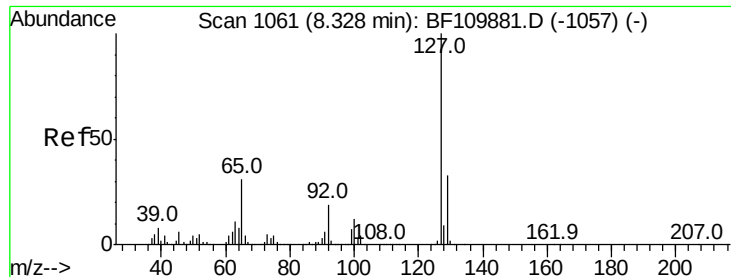
Ion Ratio Lower Upper

122 100

105 123.8 109.0 149.0

77 88.3 79.0 119.0





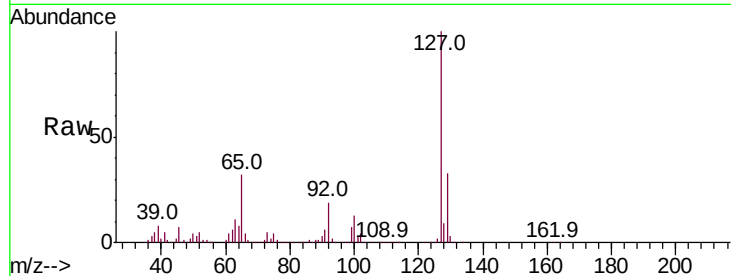
#33
4-Chloroaniline
Concen: 47.719 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.0	39.0	
65	31.8	25.1	37.7	
92	18.6	15.0	22.6	

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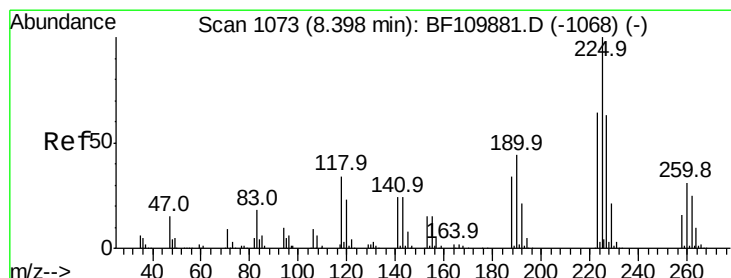
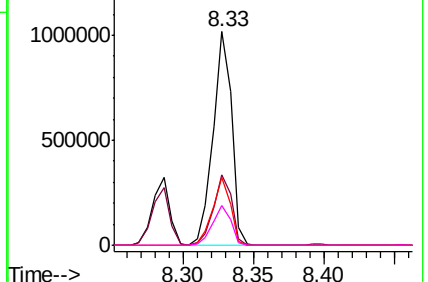
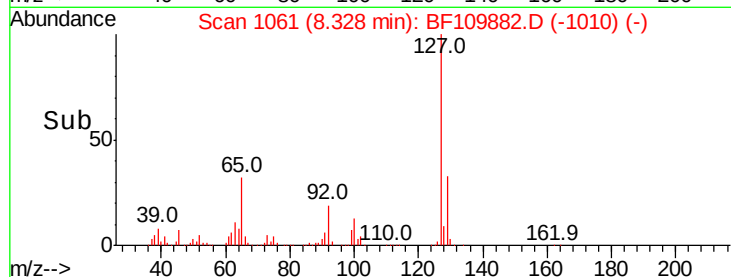
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

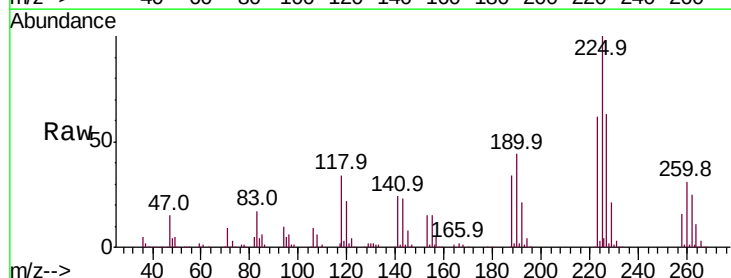
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.444 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	51.4	77.2	
227	62.6	51.0	76.6	

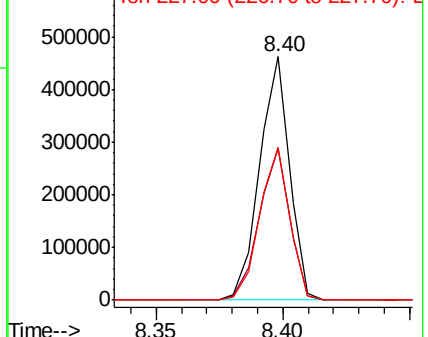
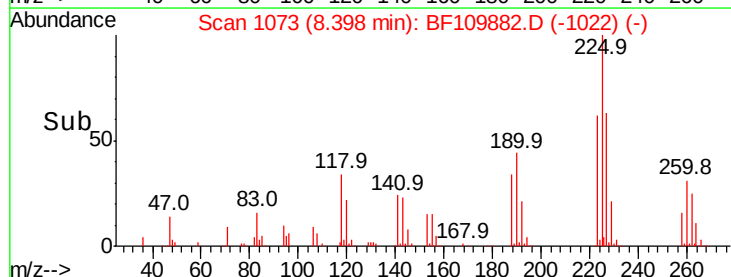


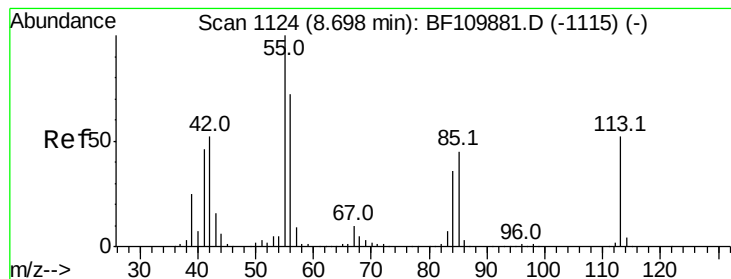
Abundance

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: 55.132 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

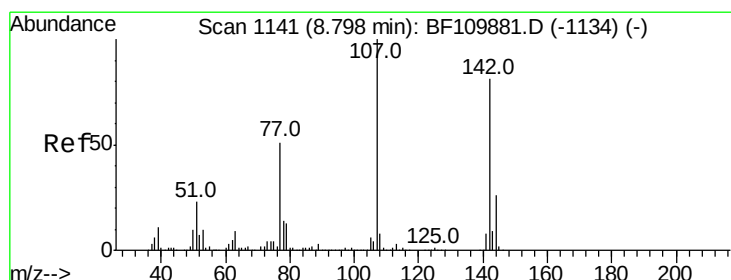
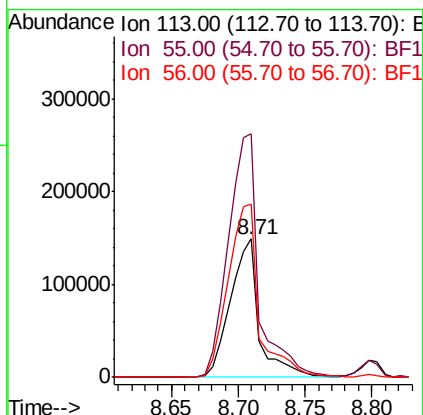
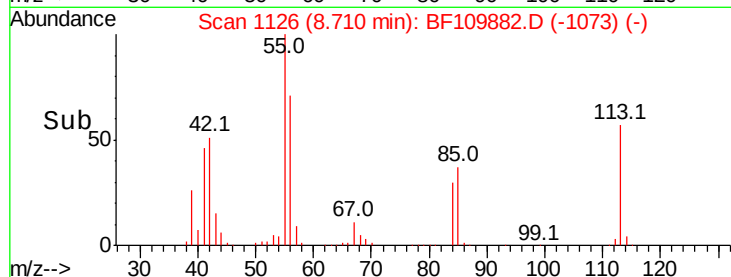
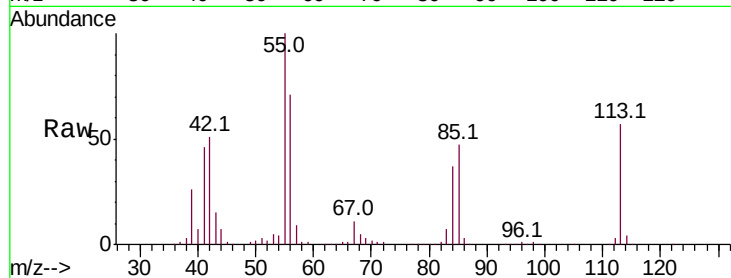
ClientSampleId :

SSTDIC050

Tot Ion:	113	Resp:	226187
Ion Ratio	Lower	Upper	
113	100		
55	176.1	142.8	182.8
56	125.2	105.0	145.0

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#36

4-Chloro-3-methylphenol

Concen: 45.597 ng

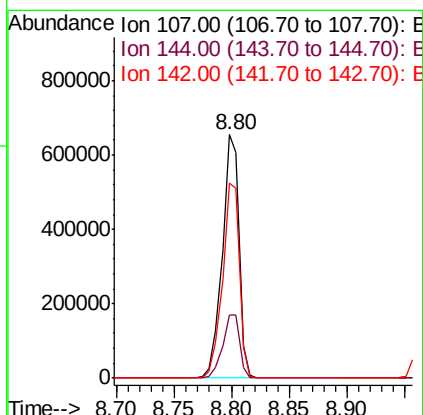
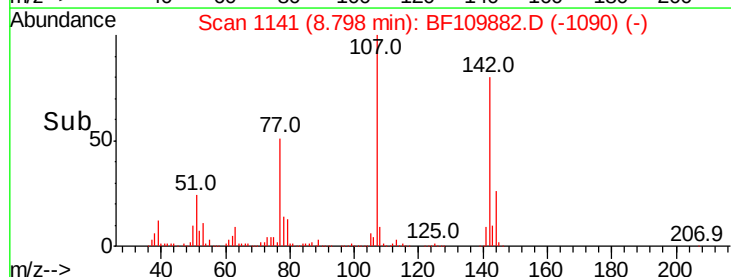
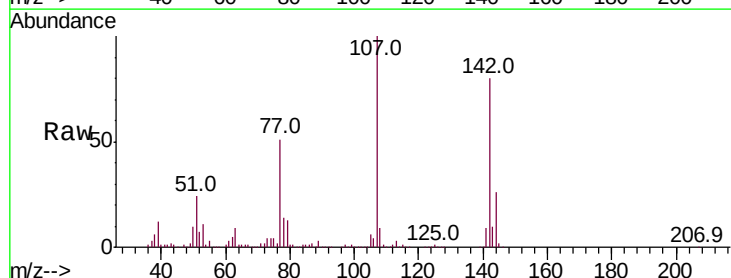
RT: 8.80 min Scan# 1141

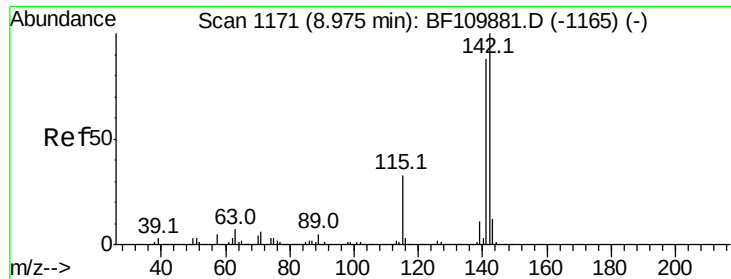
Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:	107	Resp:	661218
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.0	30.0
142	80.2	59.7	89.5





#37

2-Methylnaphthalene

Concen: 45.616 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

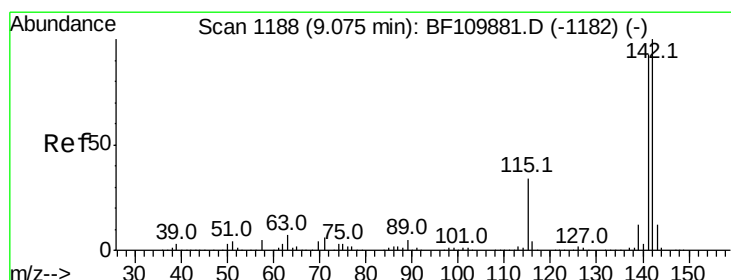
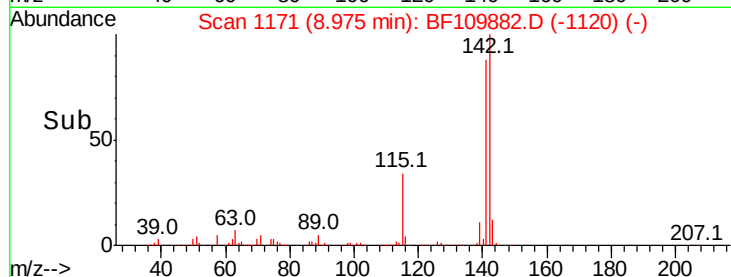
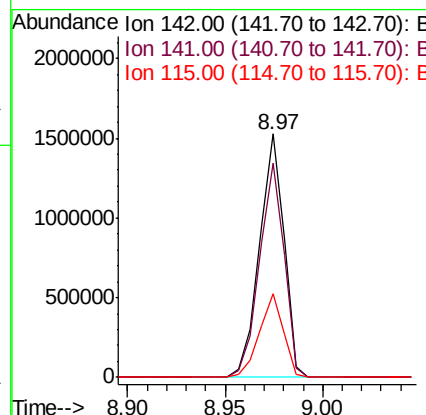
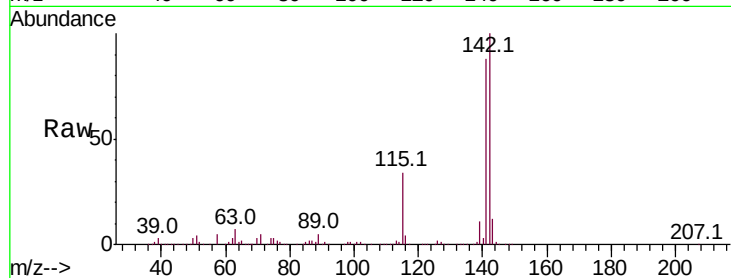
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:142 Resp: 1327383

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	34.2	28.7	43.1

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#38

1-Methylnaphthalene

Concen: 44.435 ng

RT: 9.07 min Scan# 1188

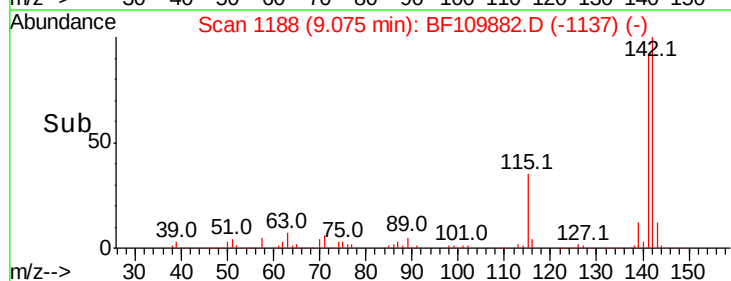
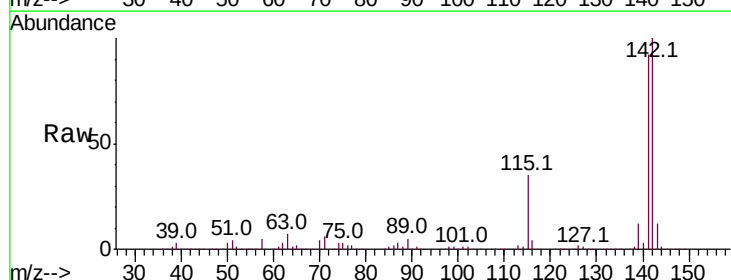
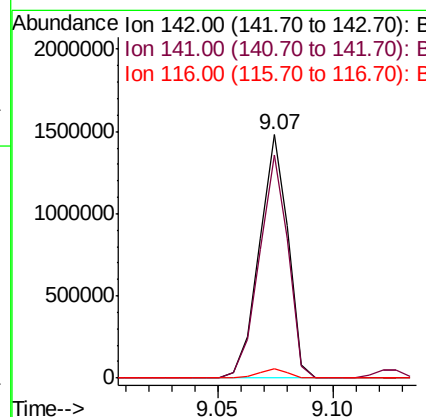
Delta R.T. -0.00 min

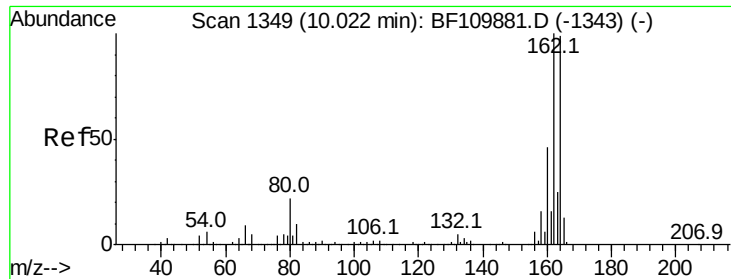
Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion:142 Resp: 1285463

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.6	2.6	4.0





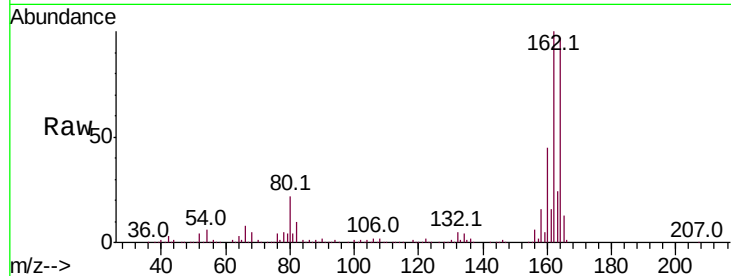
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.8	37.0	55.6

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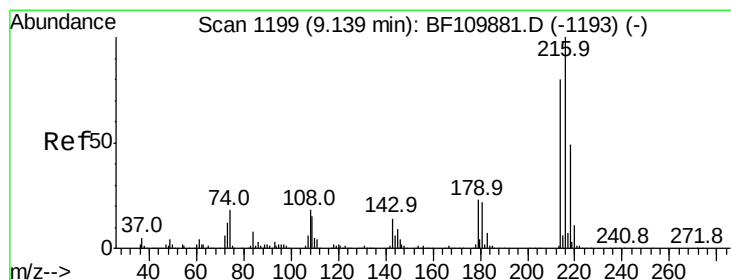
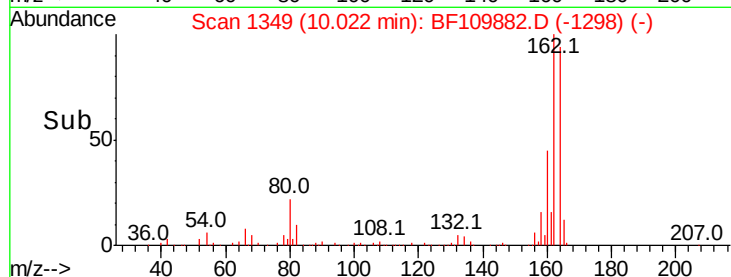
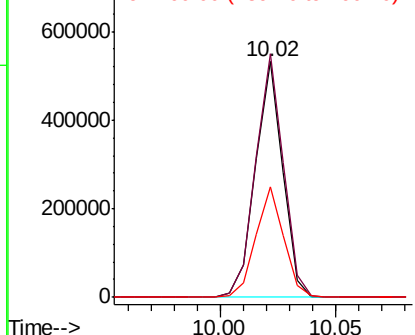


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.275 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	22.7	16.6	25.0
108	20.6	15.1	22.7

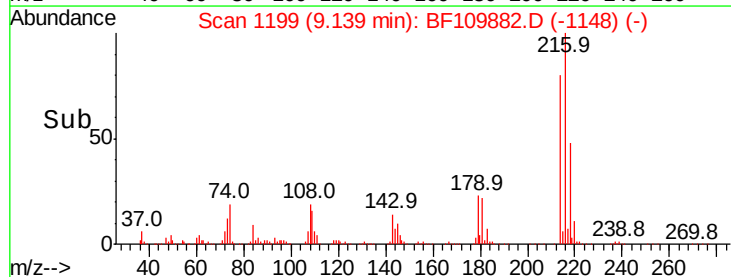
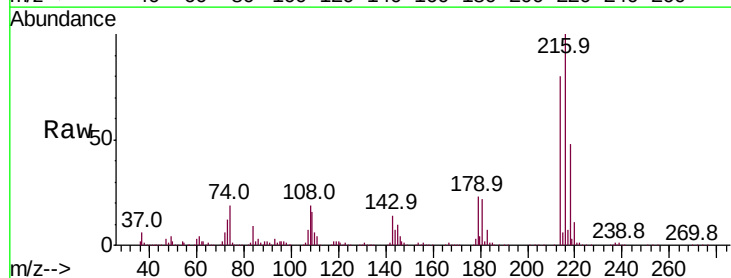
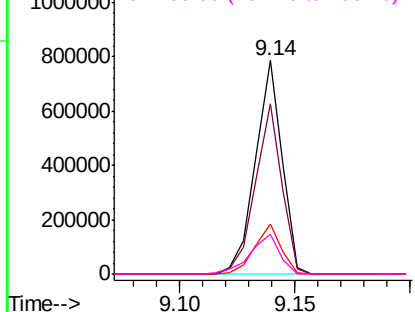
Abundance

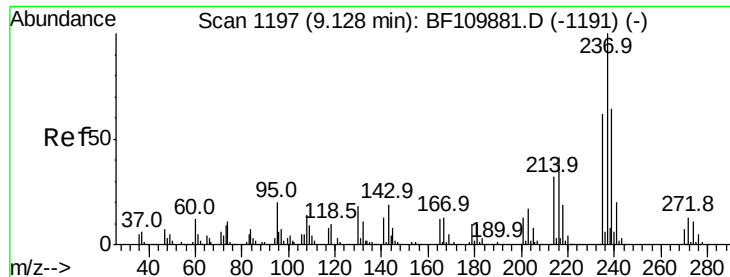
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.893 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

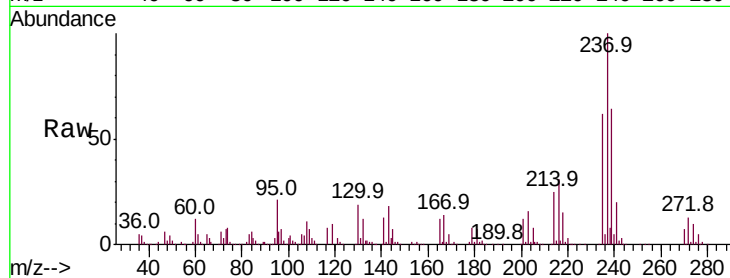
ClientSampleId :

SSTDIC050

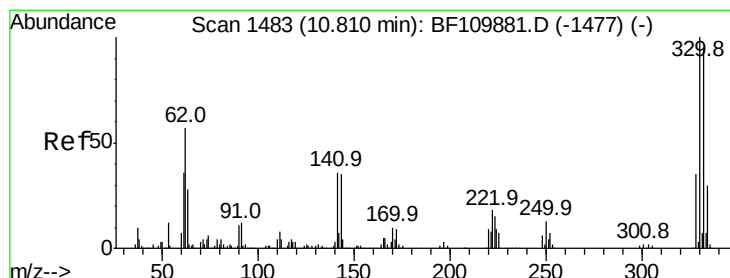
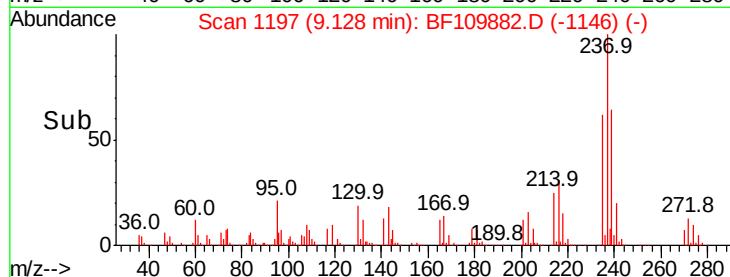
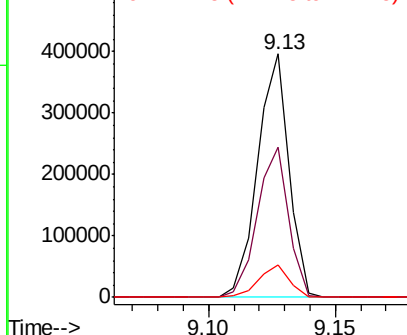
Tot Ion:	237	Resp:	339279
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.1	83.1
272	13.2	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 79.222 ng

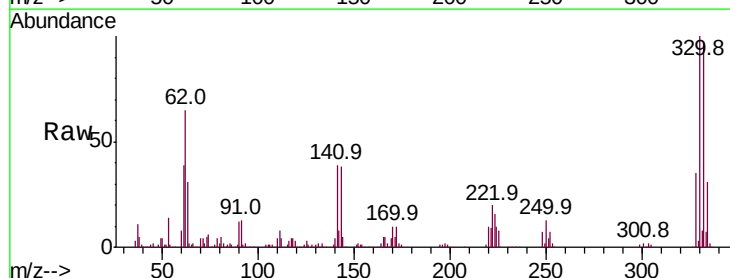
RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

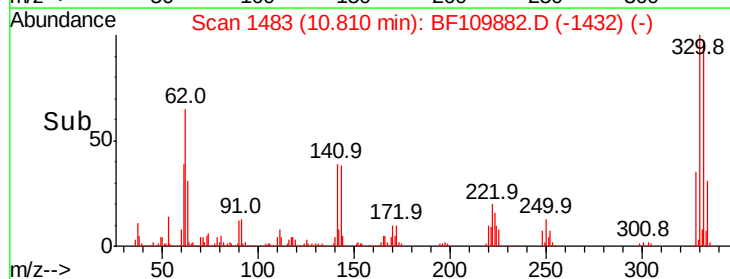
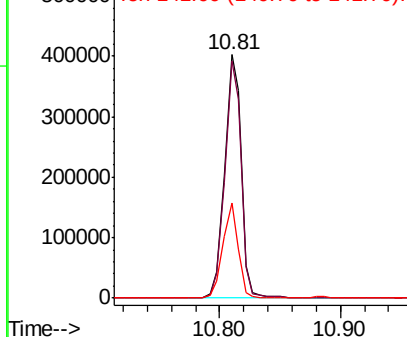
Lab File: BF109882.D

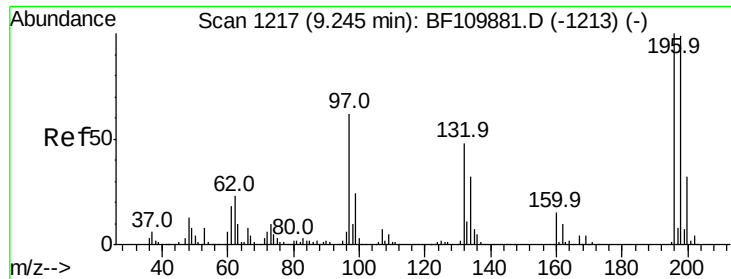
Acq: 15 Oct 2018 16:39

Tgt Ion:	330	Resp:	380922
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.1	115.7
141	36.5	27.0	40.4



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





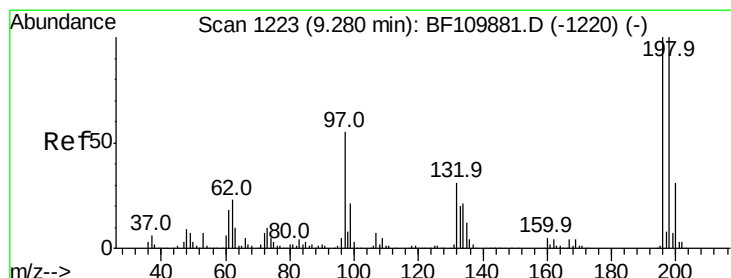
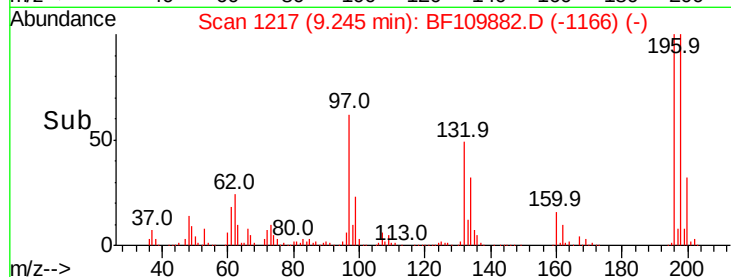
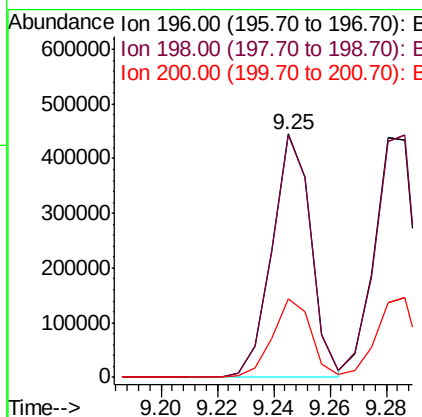
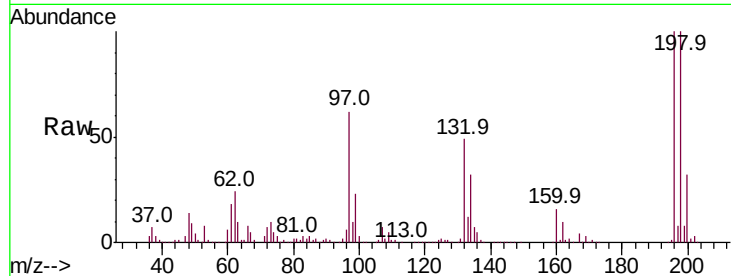
#43
 2,4,6-Trichlorophenol
 Concen: 47.032 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	422337		
198	99.6	76.2	114.4	
200	32.1	24.4	36.6	

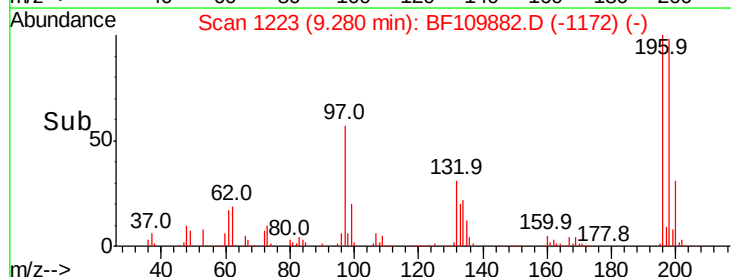
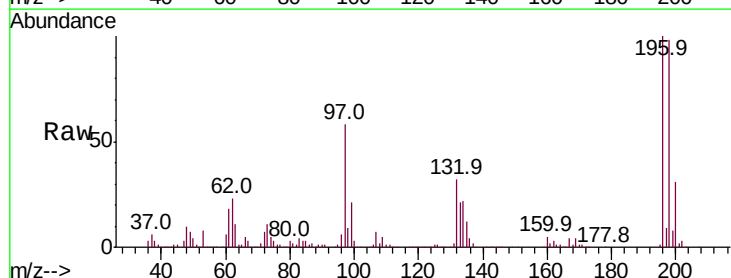
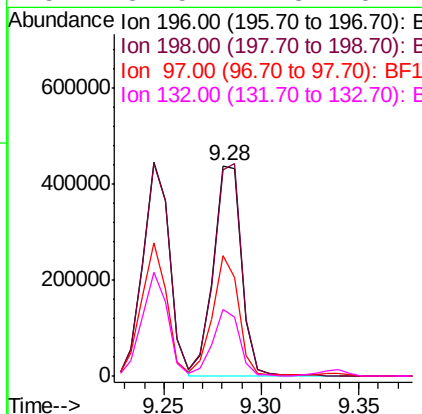
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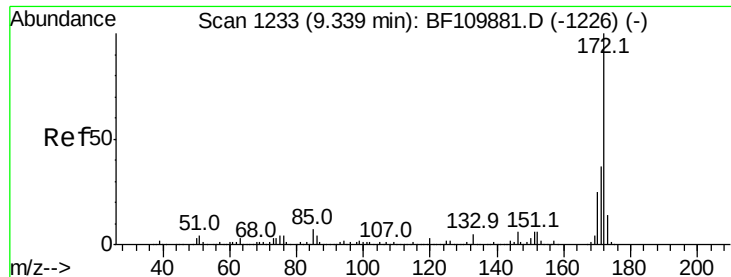
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#44
 2,4,5-Trichlorophenol
 Concen: 42.431 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	438098		
198	98.3	75.8	113.6	
97	57.6	42.4	63.6	
132	31.5	22.8	34.2	





#45

2-Fluorobiphenyl

Concen: 77.936 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:172 Resp: 2497163

Ion Ratio Lower Upper

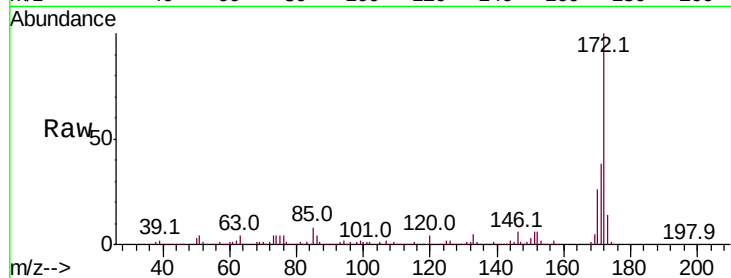
172 100

171 38.3 28.6 43.0

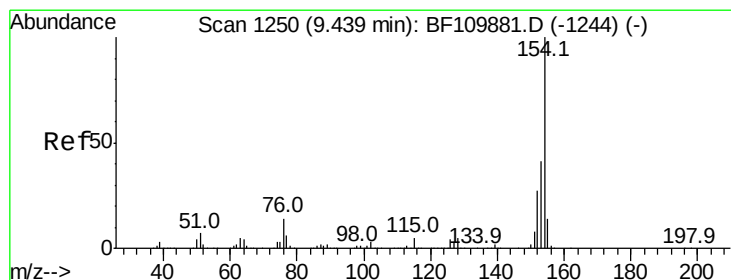
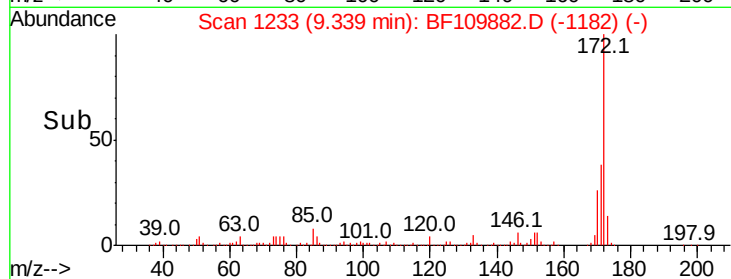
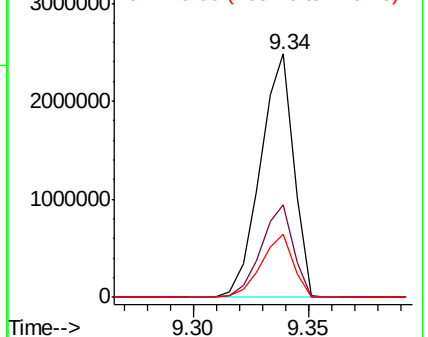
170 25.7 19.7 29.5

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.926 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

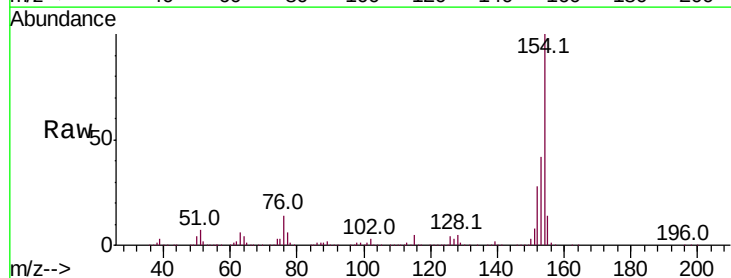
Tgt Ion:154 Resp: 1810505

Ion Ratio Lower Upper

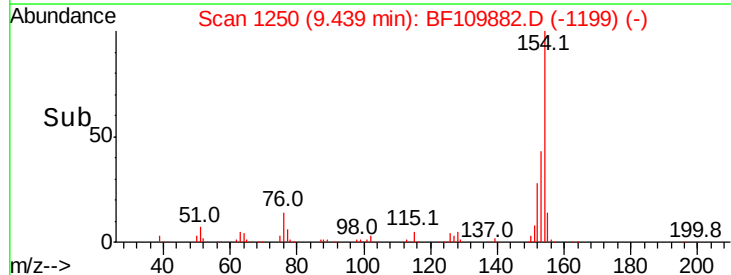
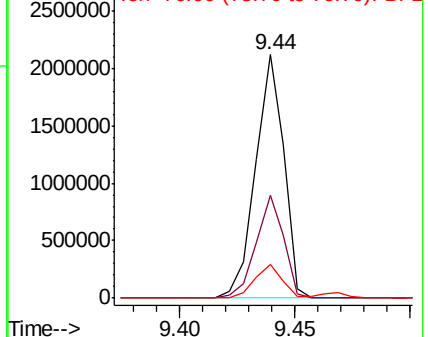
154 100

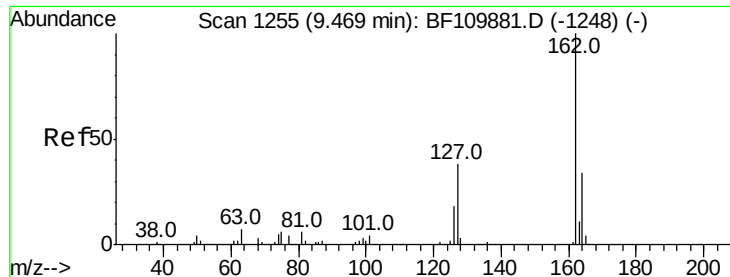
153 42.5 20.4 60.4

76 13.8 0.0 31.9



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





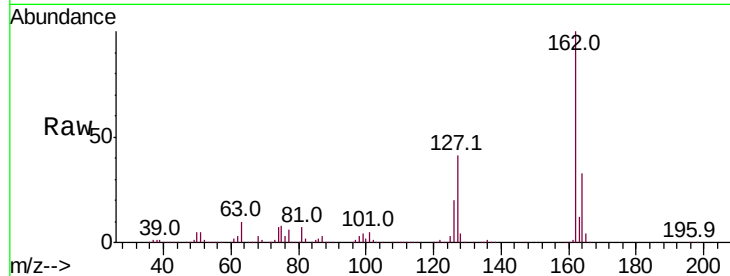
#47
 2-Chloronaphthalene
 Concen: 46.009 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

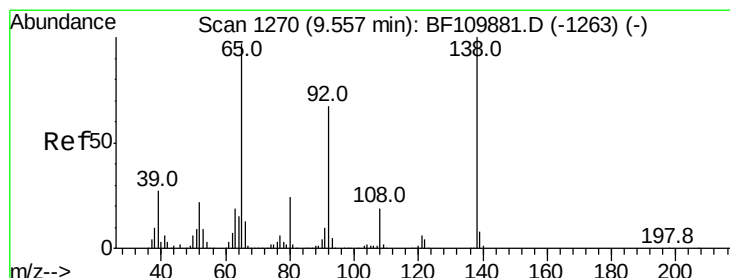
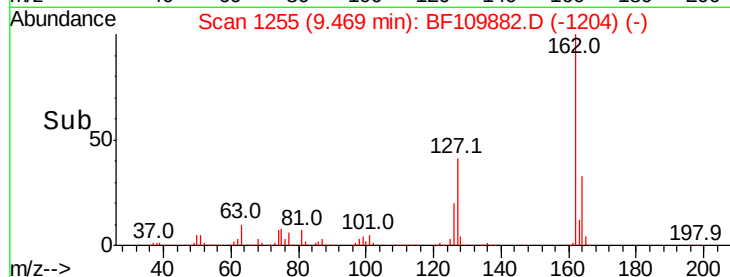
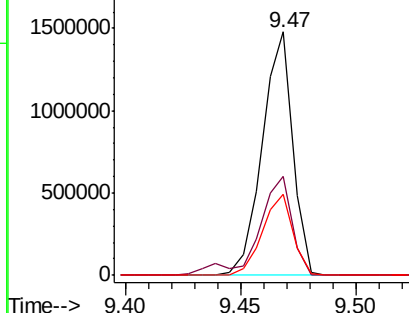
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	48.8
164	33.4	25.9	38.9

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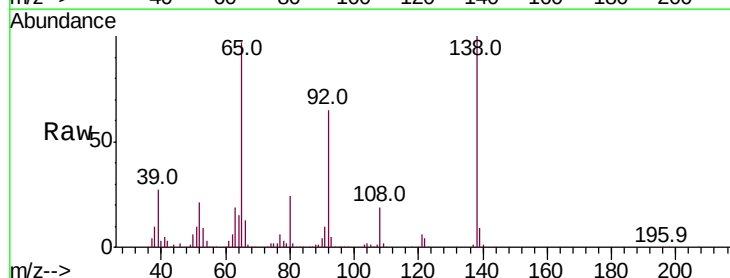


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

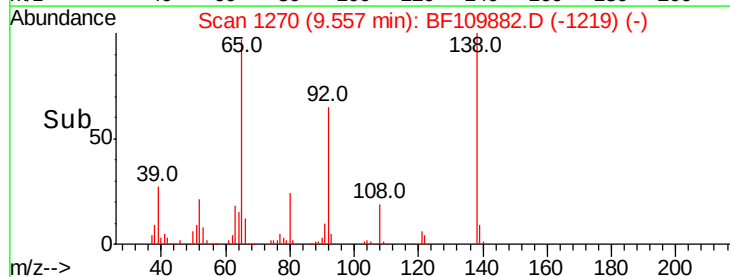
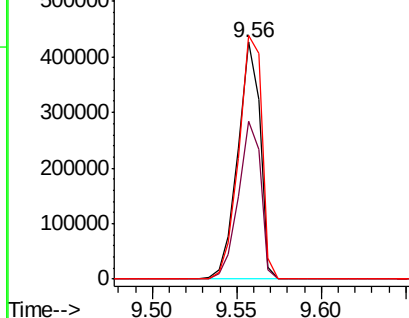


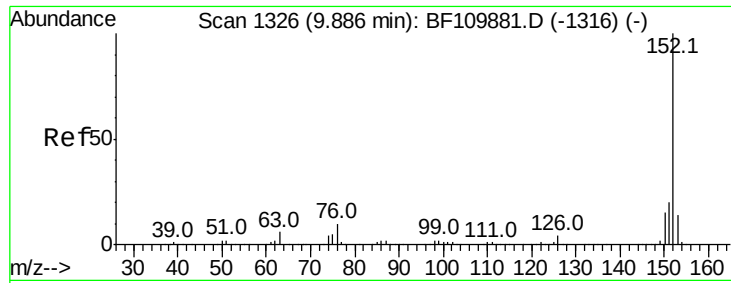
#48
 2-Nitroaniline
 Concen: 43.715 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.6	81.8
138	102.7	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.627 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 1964592

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

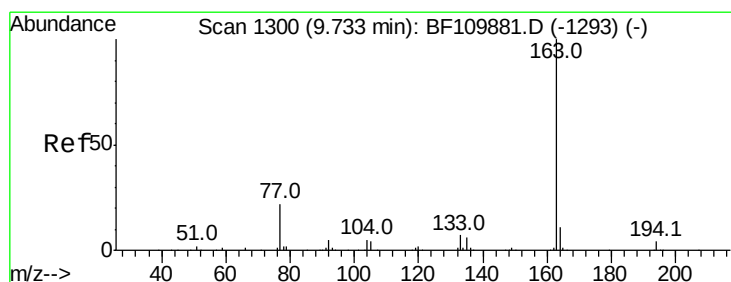
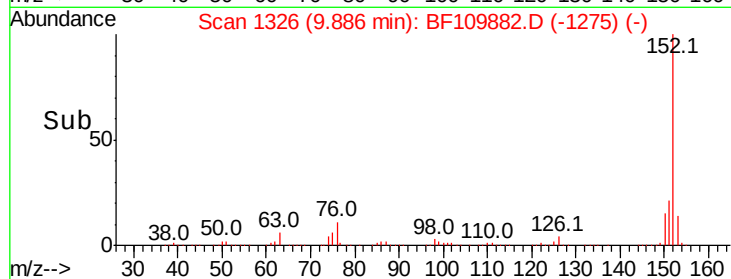
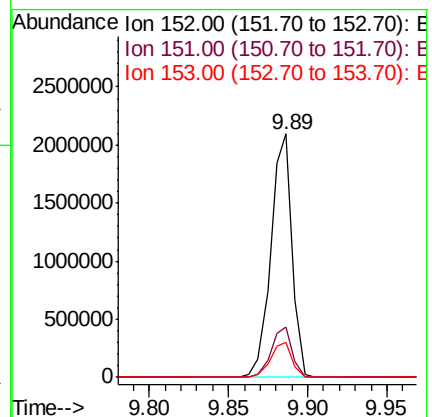
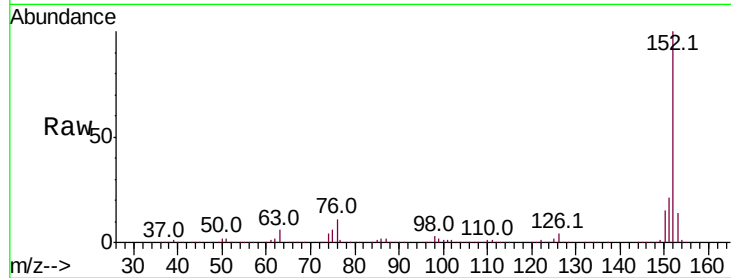
153 14.1 10.4 15.6

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#50

Dimethylphthalate

Concen: 45.387 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

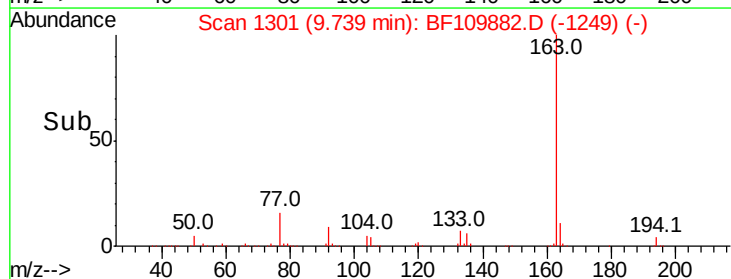
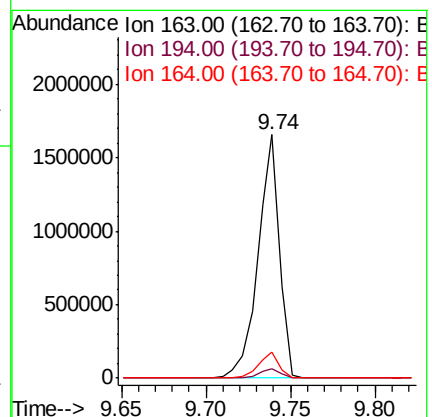
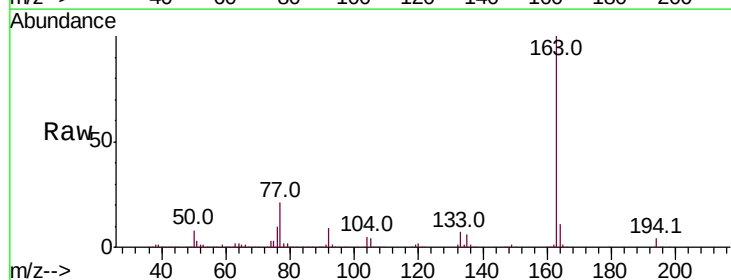
Tgt Ion:163 Resp: 1468907

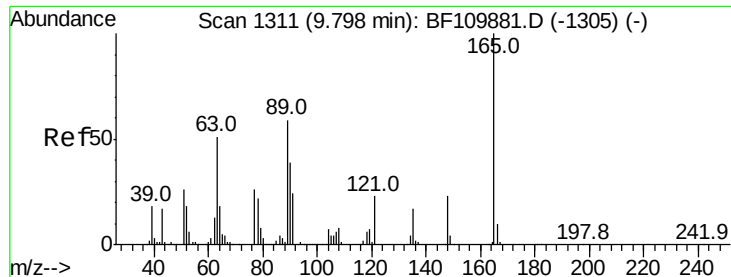
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.7 8.1 12.1





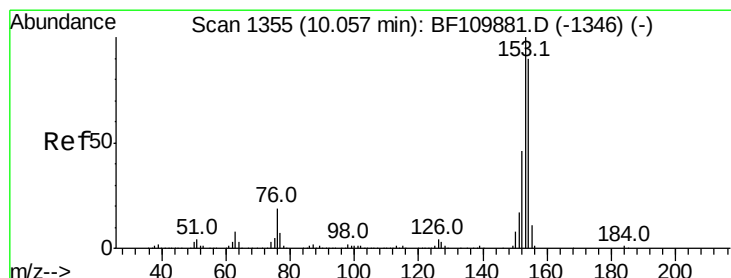
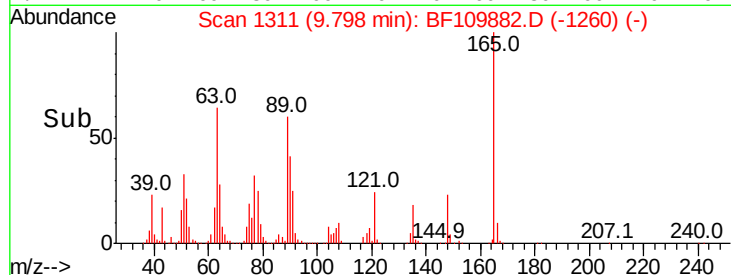
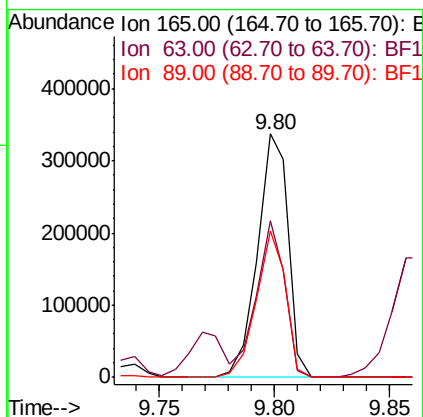
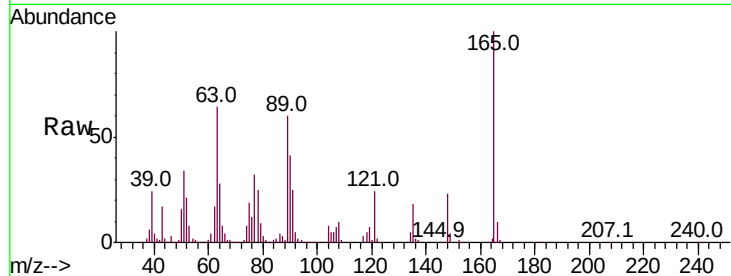
#51
 2,6-Dinitrotoluene
 Concen: 44.479 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	312040		
63	64.3	48.9	73.3	
89	59.9	46.6	69.8	

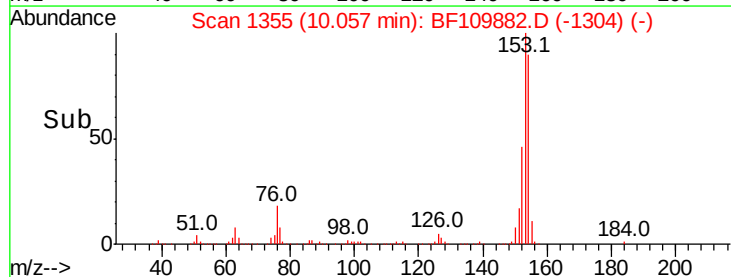
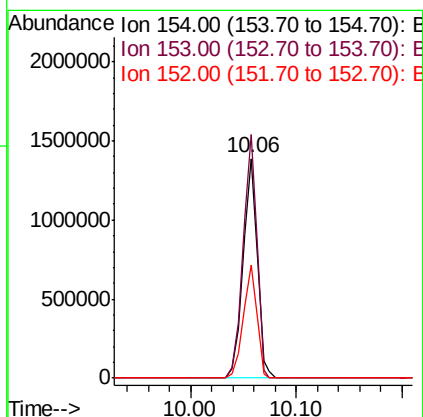
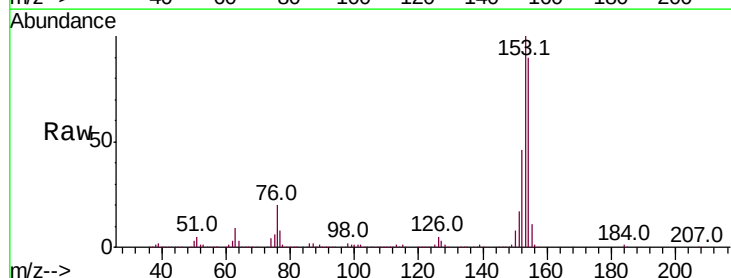
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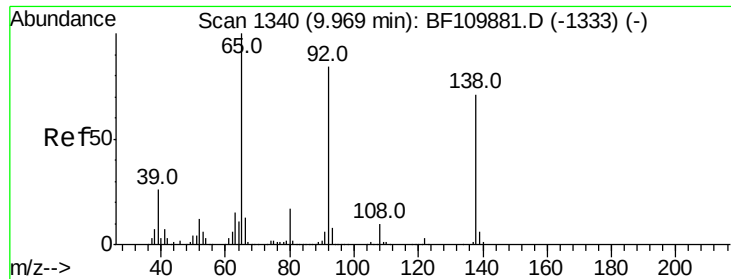
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#52
 Acenaphthene
 Concen: 49.652 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1267372		
153	110.8	90.1	135.1	
152	51.4	43.4	65.2	





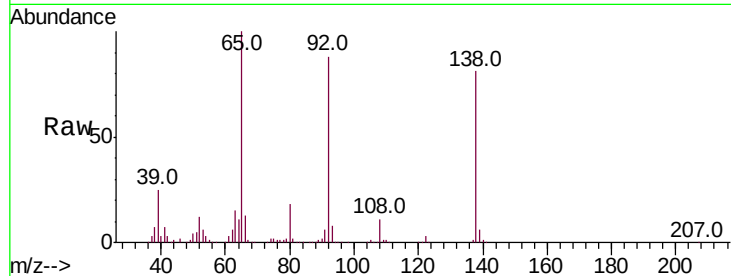
#53
3-Nitroaniline
Concen: 47.507 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

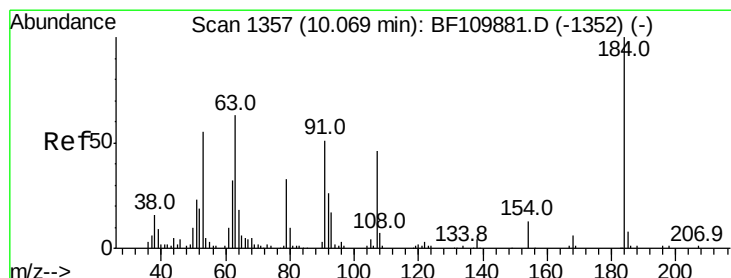
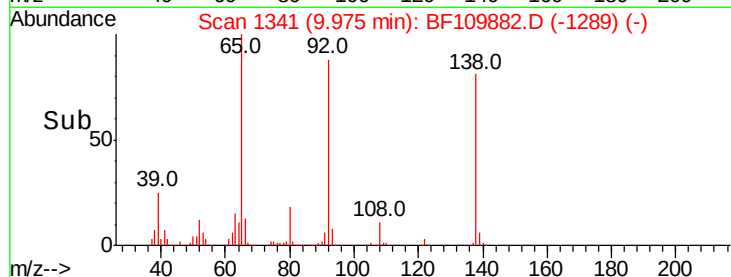
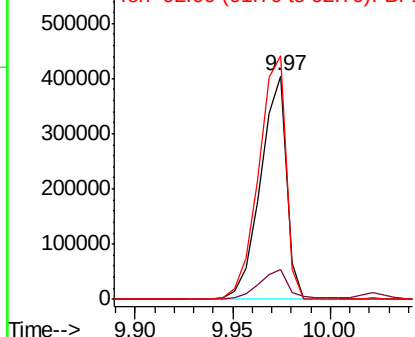
Tot Ion	Ratio	Lower	Upper
138	100		
108	13.1	8.7	13.1#
92	109.0	97.0	145.4

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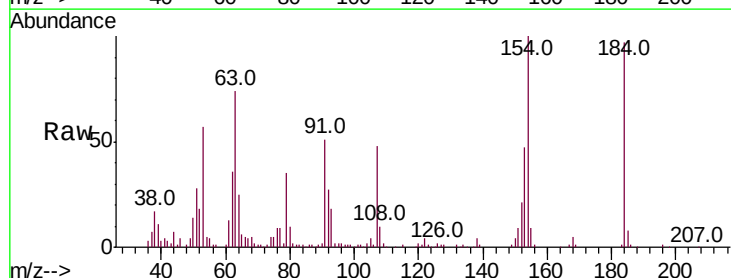


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

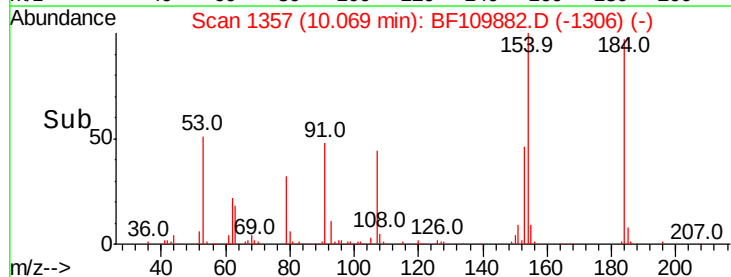
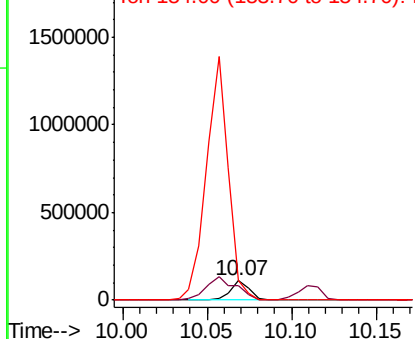


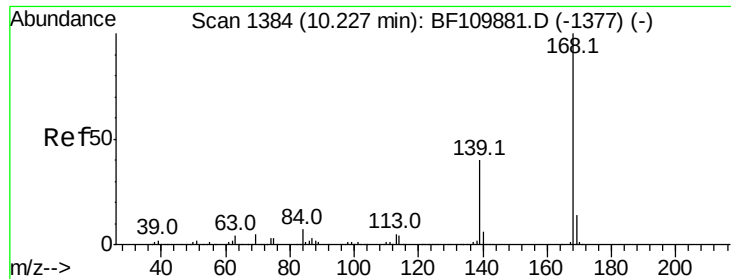
#54
2,4-Dinitrophenol
Concen: 36.579 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.3	55.8	83.6
154	103.1	63.2	94.8#



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





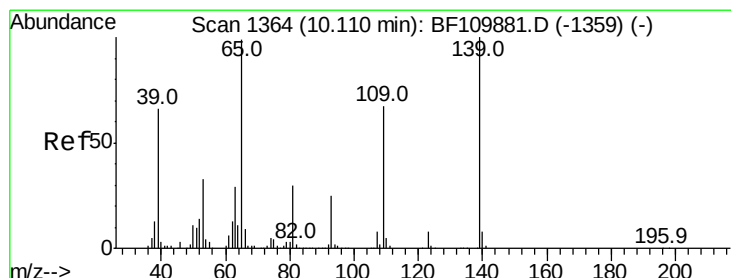
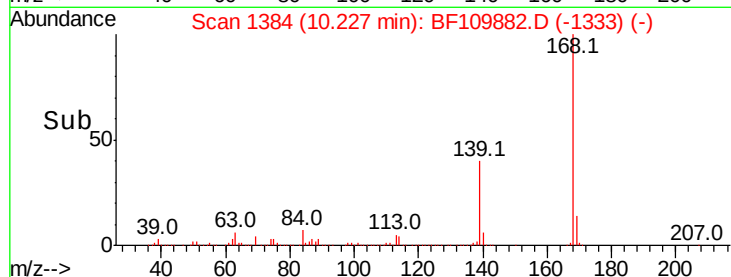
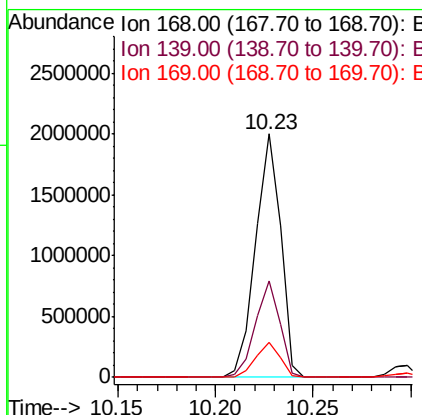
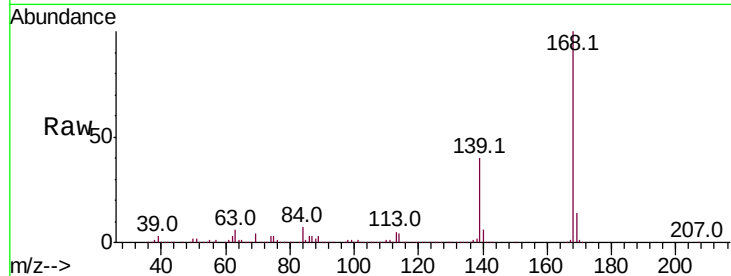
#55
Dibenzofuran
Concen: 46.628 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.0	49.6
169	14.3	11.3	16.9

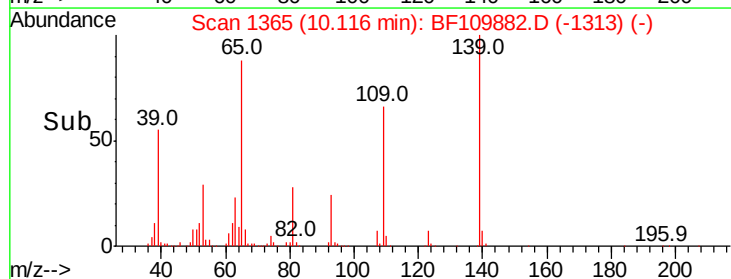
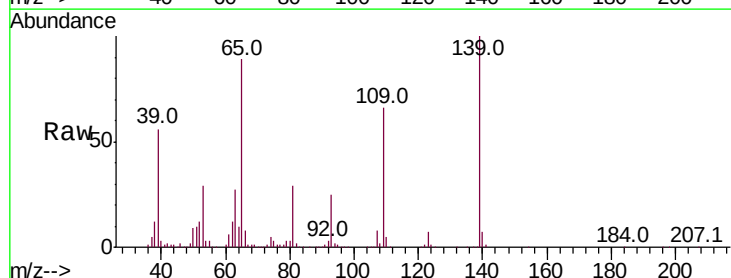
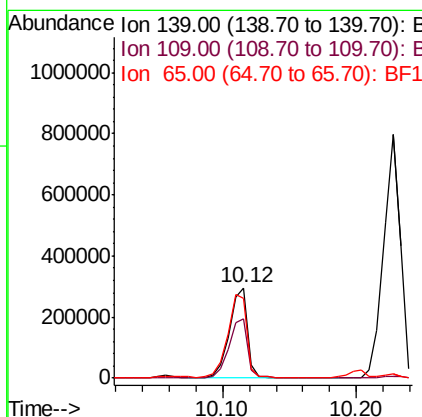
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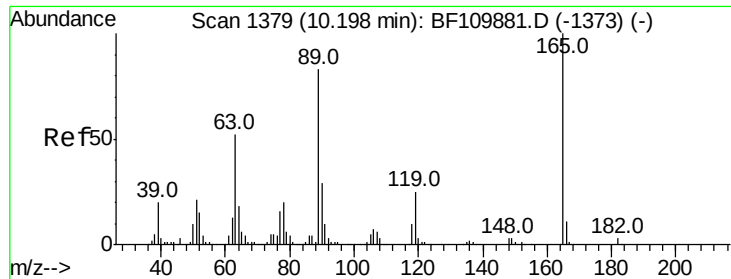
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#56
4-Nitrophenol
Concen: 66.461 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	55.8	95.8
65	88.6	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 42.622 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 373157
Ion Ratio Lower Upper

165 100

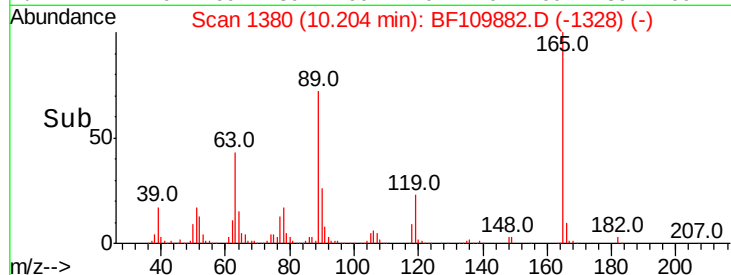
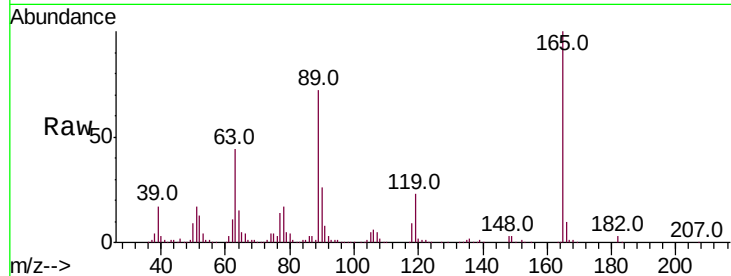
63 43.7 44.8 67.2#

89 72.1 62.2 93.4

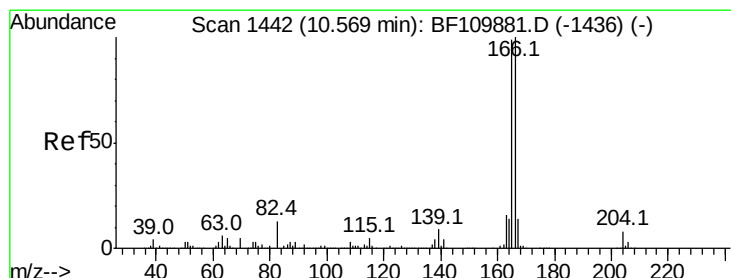
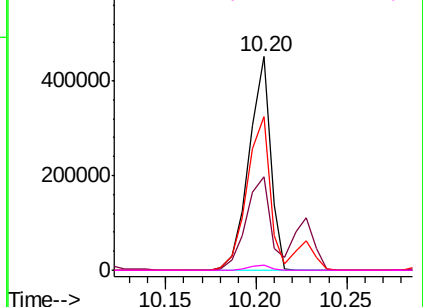
182 2.5 2.1 3.1

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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: 44.724 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF109882.D

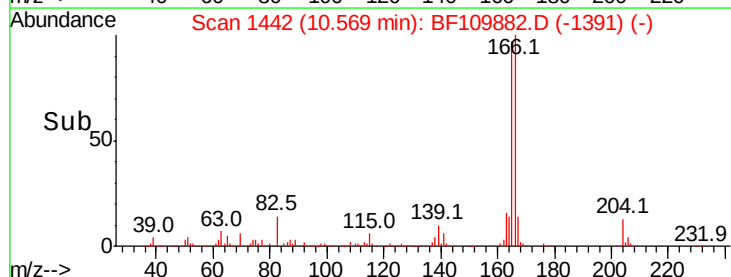
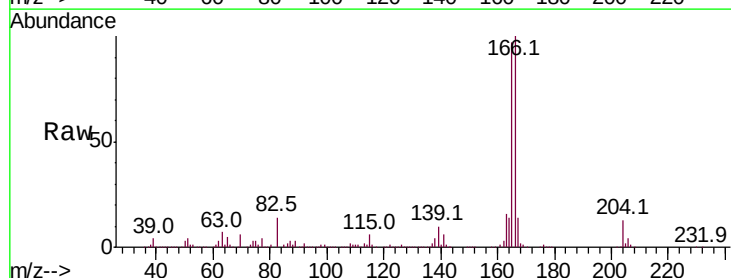
Acq: 15 Oct 2018 16:39

Tgt Ion:166 Resp: 1277893
Ion Ratio Lower Upper

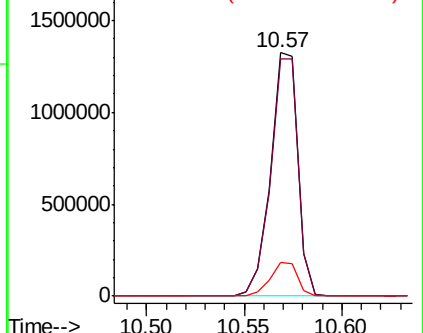
166 100

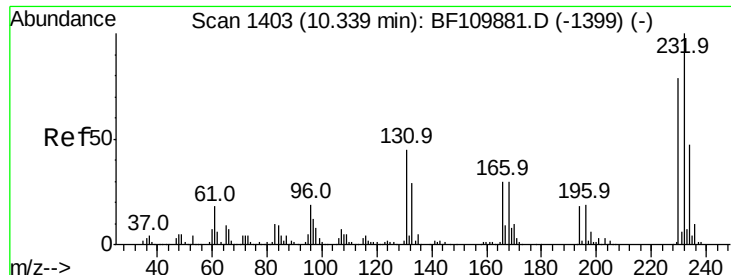
165 97.5 78.6 117.8

167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





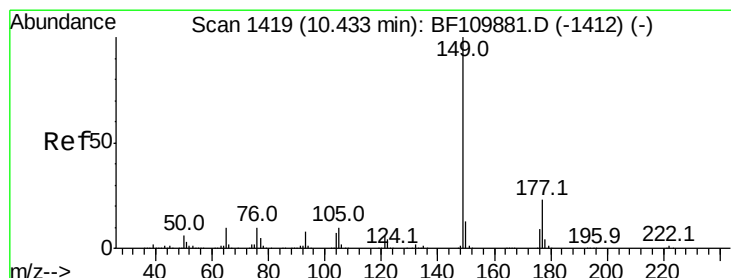
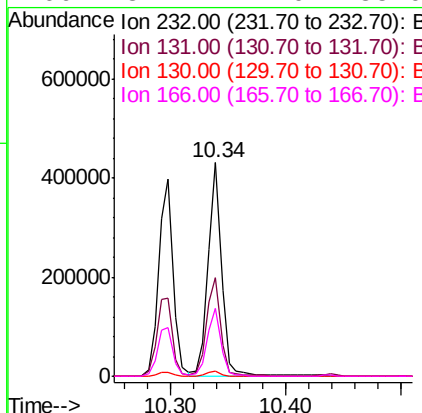
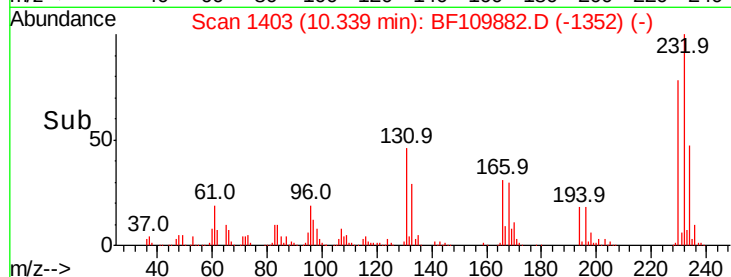
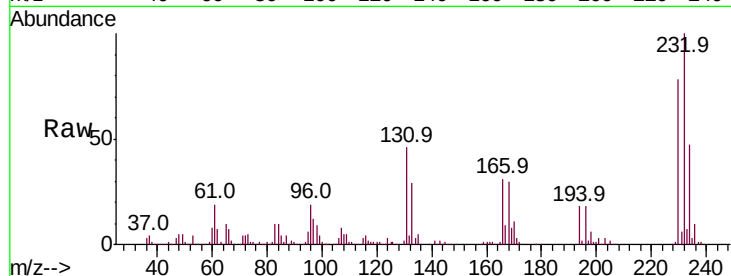
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.962 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	37.0	55.4
130	2.4	1.8	2.6
166	32.1	22.0	33.0

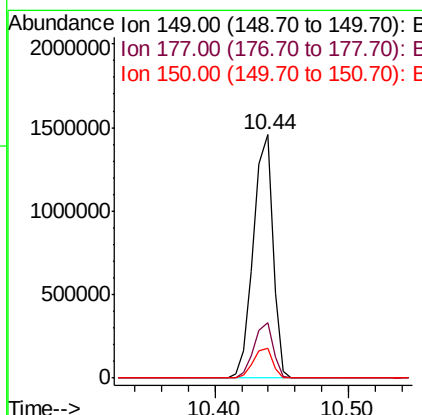
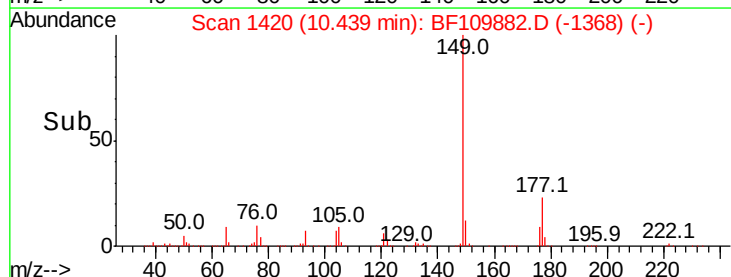
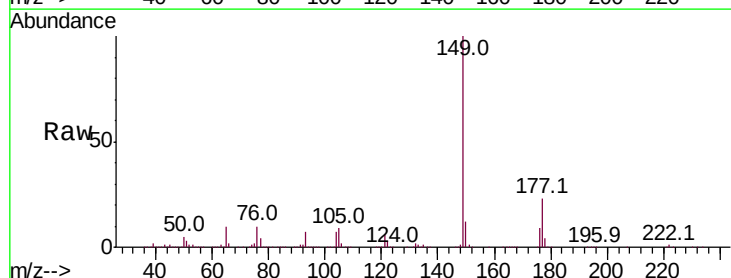
Manual Integrations
 APPROVED

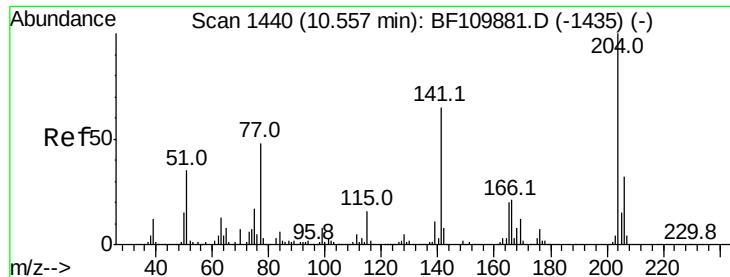
Sohil
 10/16/2018 9:57:19 AM



#60
 Diethylphthalate
 Concen: 45.466 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.4	26.2
150	12.5	9.8	14.8





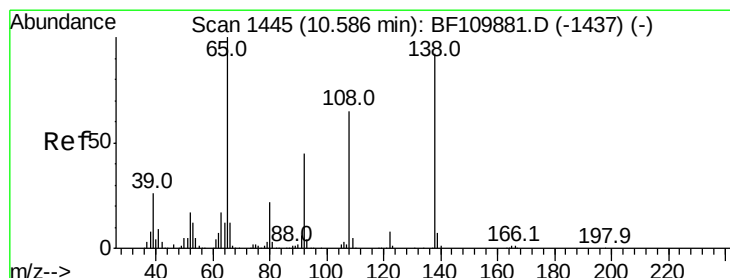
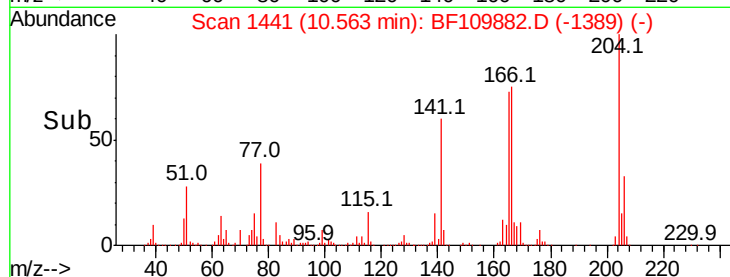
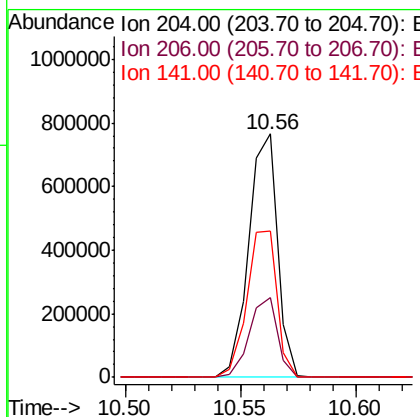
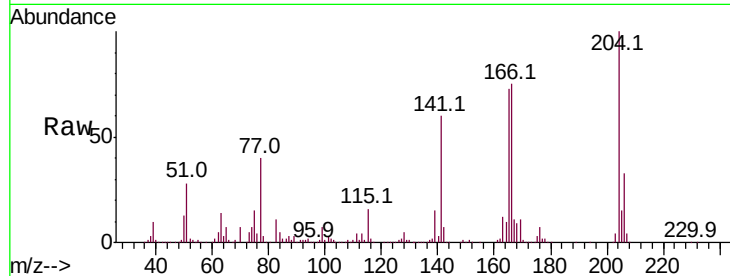
#61
 4-Chlorophenyl-phenylether
 Concen: 44.512 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	60.3	51.8	77.8

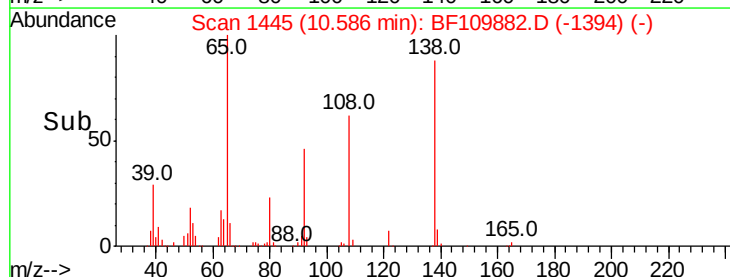
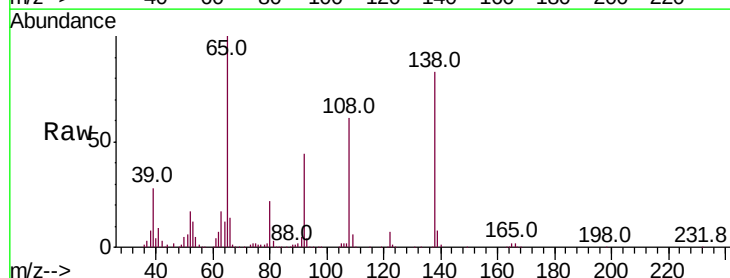
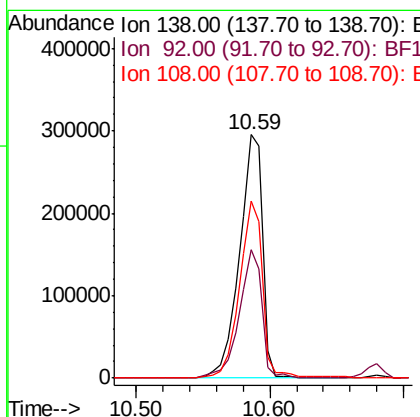
Manual Integrations
 APPROVED

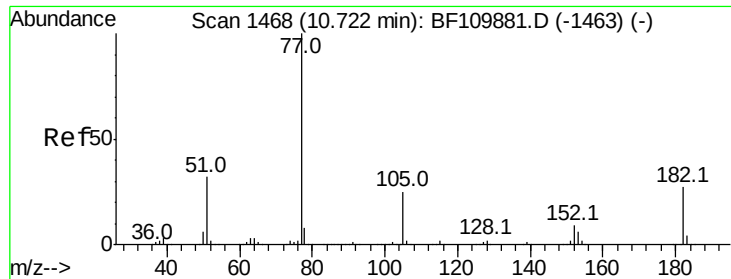
Sohil
 10/16/2018 9:57:19 AM



#62
 4-Nitroaniline
 Concen: 48.482 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.7	71.7
108	72.9	59.3	99.3





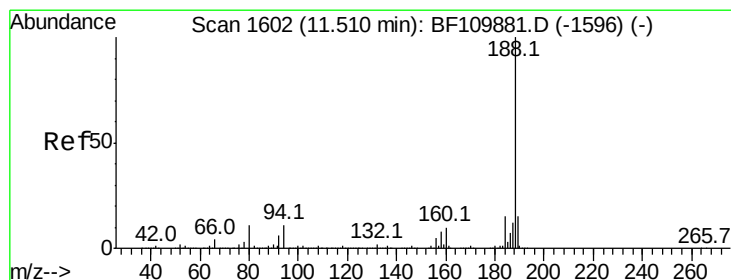
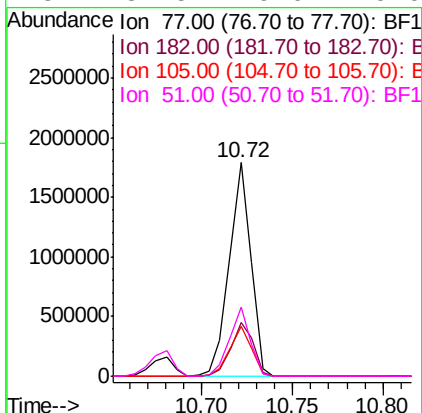
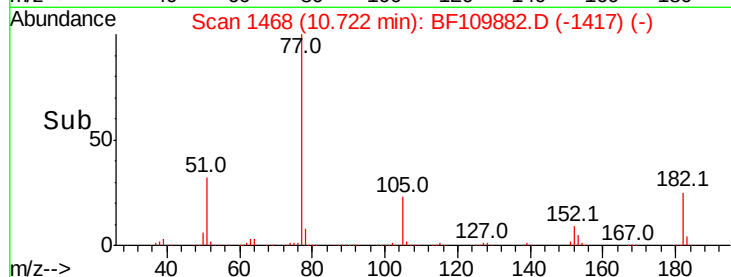
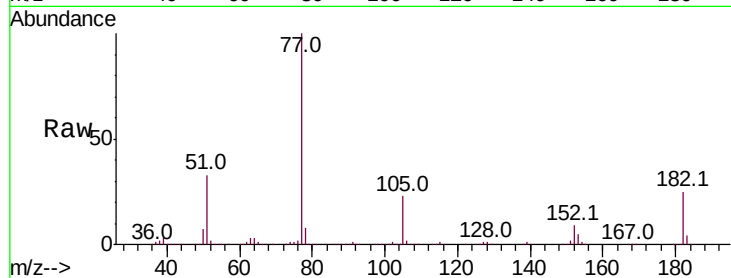
#63
Azobenzene
Concen: 46.084 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.3	44.3
105	23.5	1.3	41.3
51	32.5	9.0	49.0

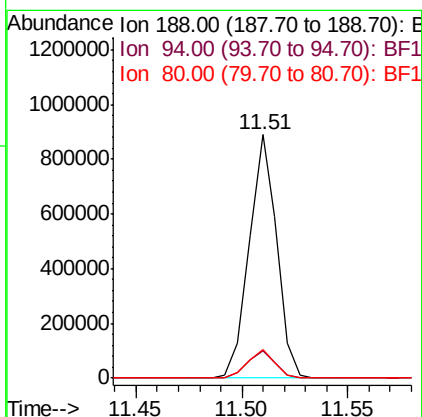
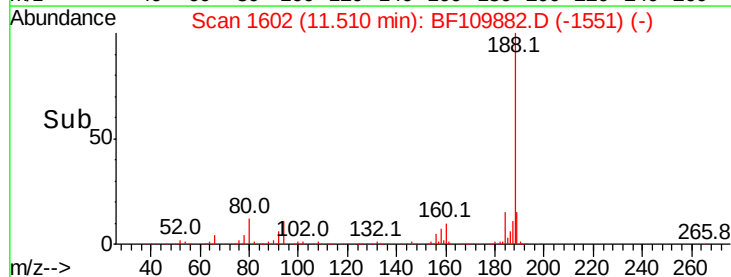
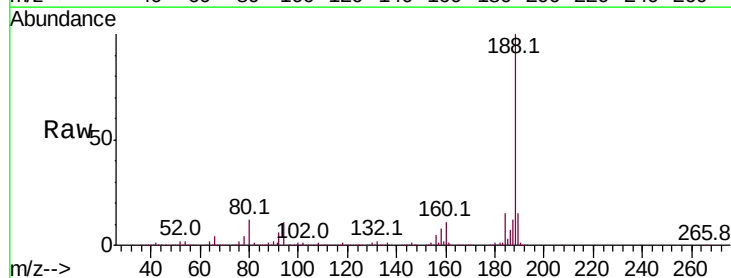
Manual Integrations
APPROVED

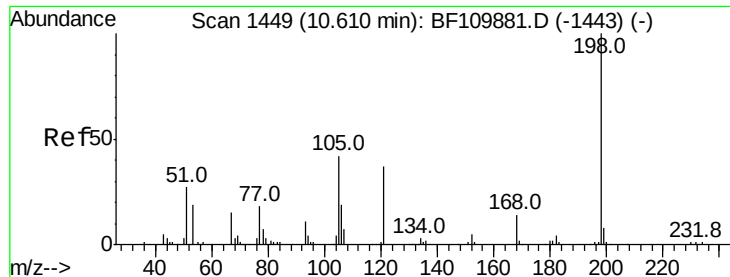
Sohil
10/16/2018 9:57:19 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.2	10.8#
80	11.7	7.9	11.9





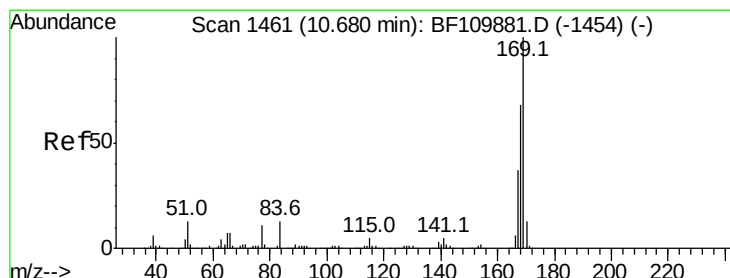
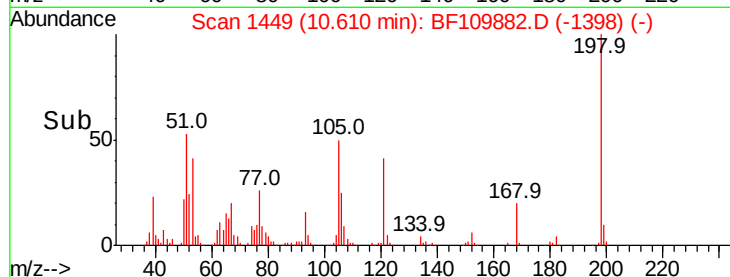
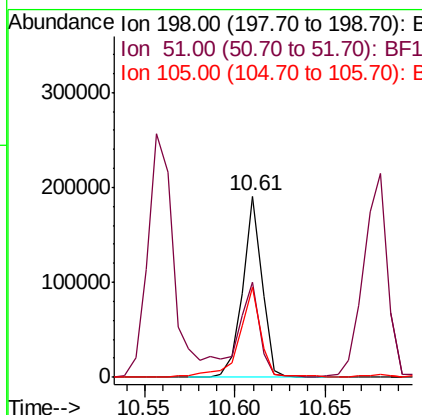
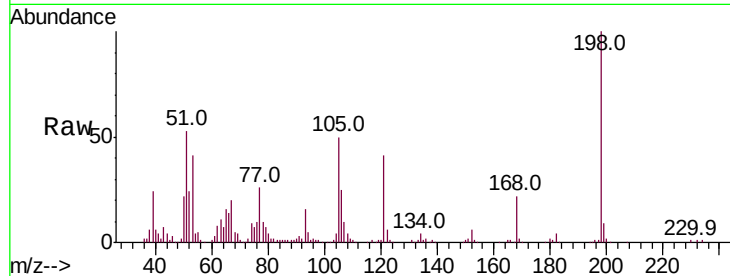
#65
4,6-Dinitro-2-methylphenol
Concen: 36.084 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141577		
51	52.6	22.8	62.8	
105	49.6	23.6	63.6	

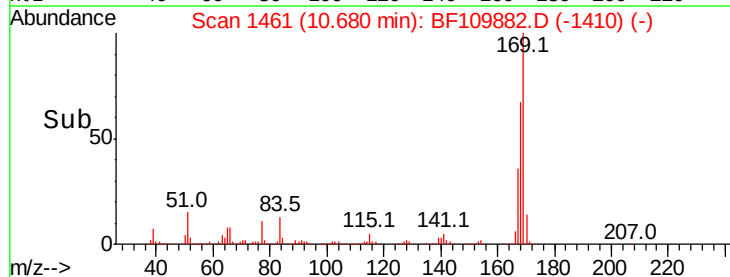
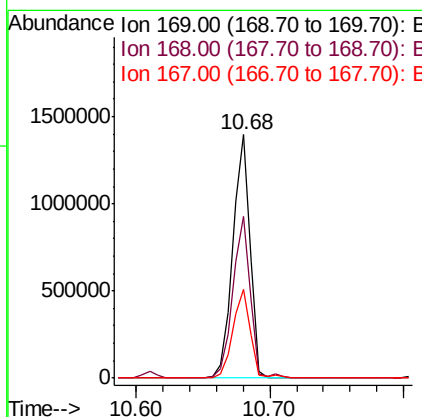
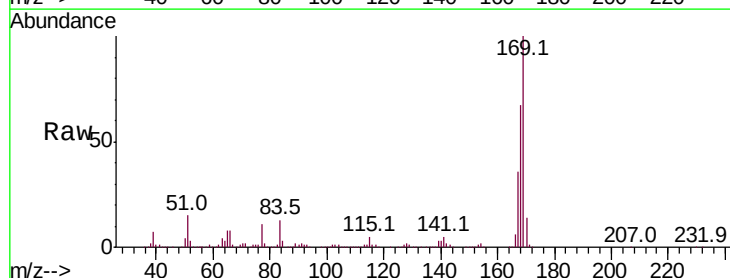
Manual Integrations
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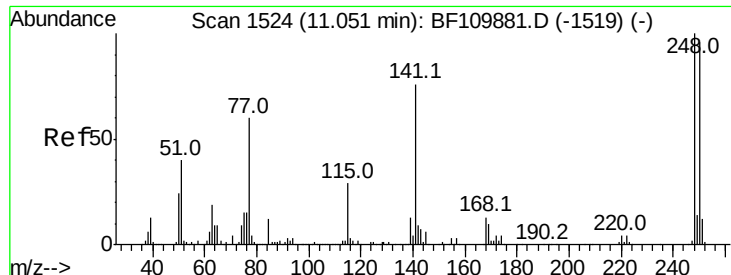
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 46.433 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1268875		
168	66.7	51.2	76.8	
167	36.5	27.8	41.6	





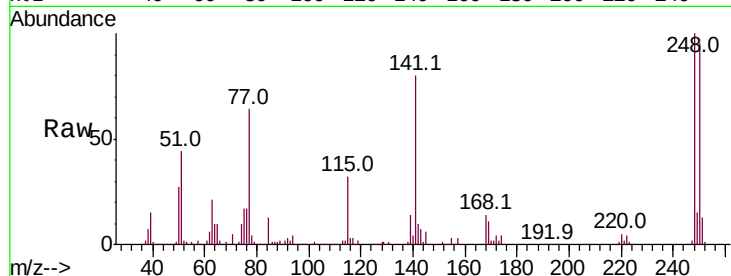
#67
4-Bromophenyl-phenylether
Concen: 45.153 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	79.4	119.2
141	80.5	55.9	83.9

Manual Integrations
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Sohil
10/16/2018 9:57:19 AM

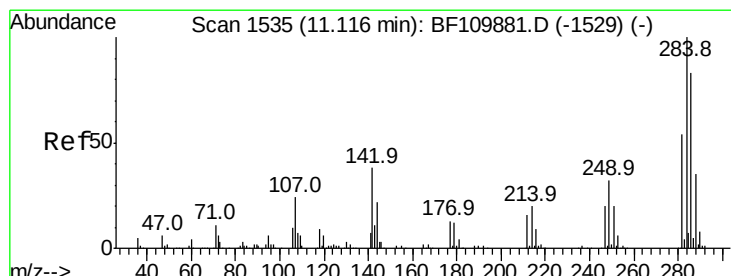
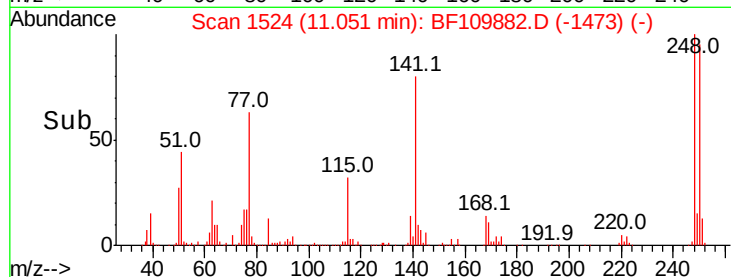
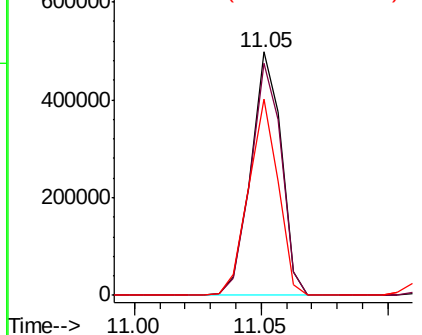


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.095 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

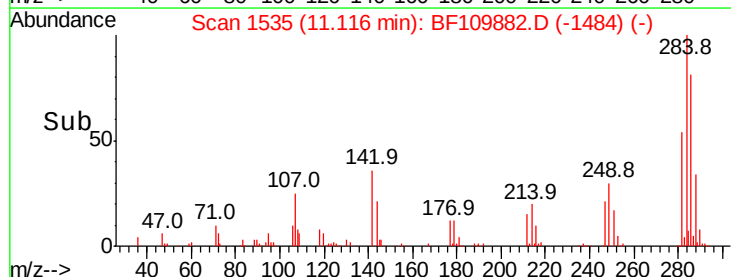
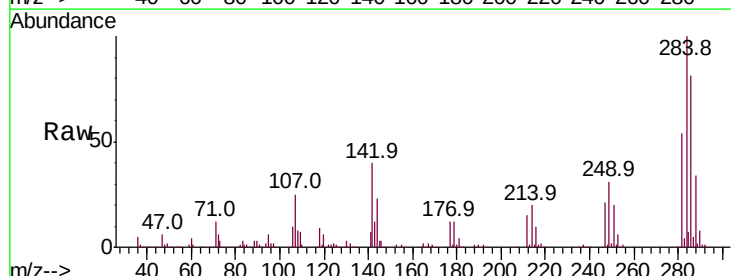
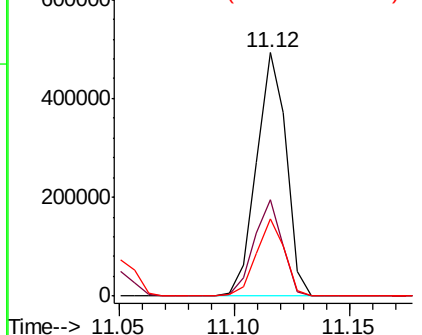
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.8	23.9	35.9#
249	31.5	24.2	36.2

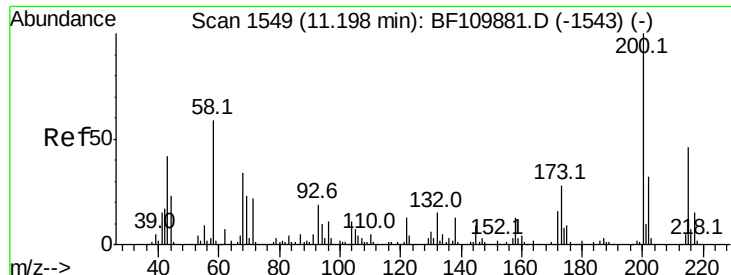
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





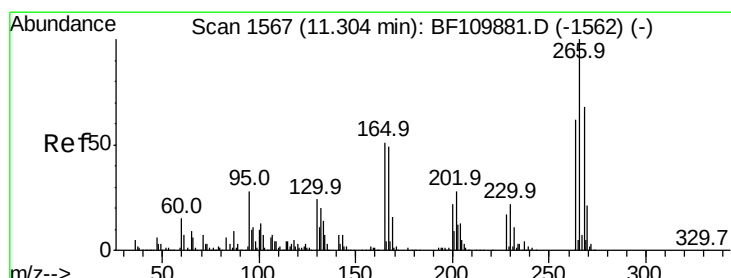
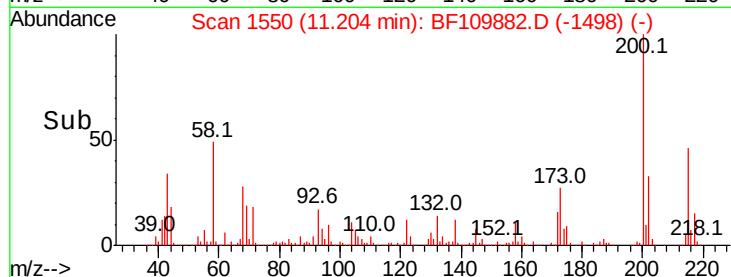
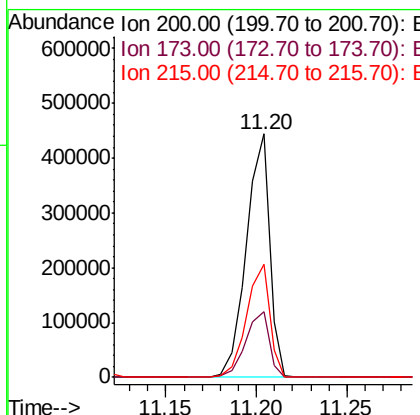
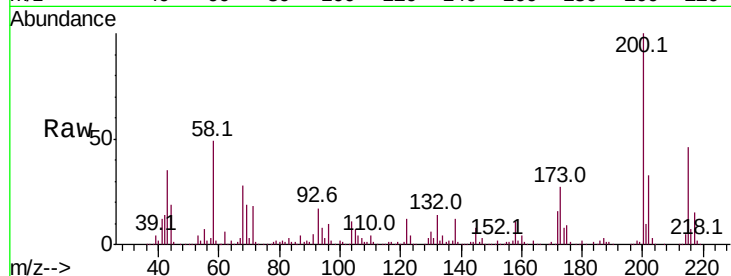
#69
Atrazine
Concen: 46.525 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	6.6	46.6
215	46.4	26.3	66.3

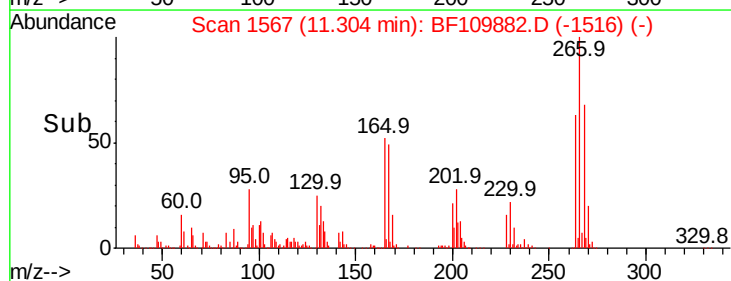
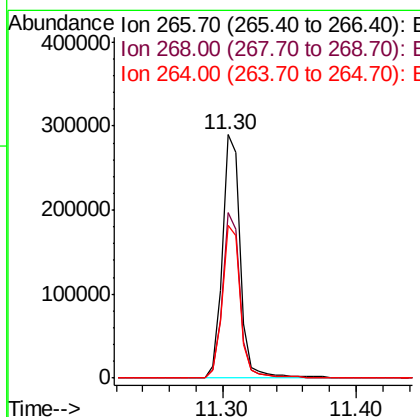
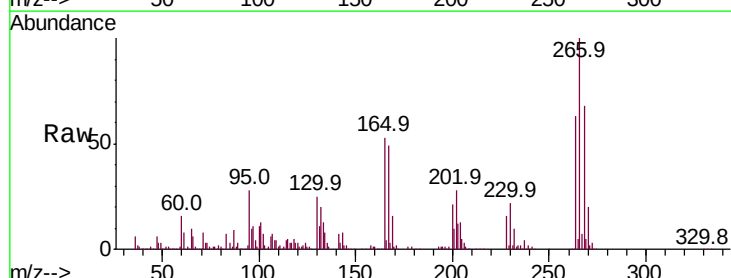
Manual Integrations
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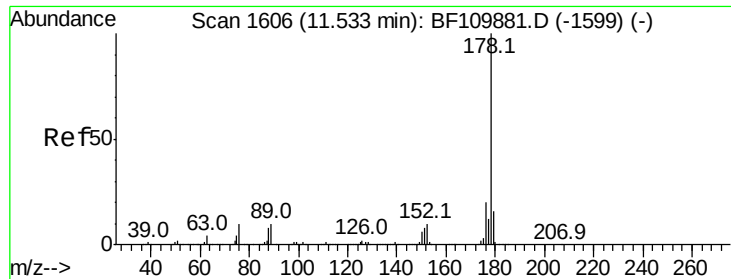
Sohil
10/16/2018 9:57:19 AM



#70
Pentachlorophenol
Concen: 49.210 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.8	50.6	75.8
264	62.7	50.6	75.8





#71

Phenanthrene

Concen: 47.659 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:178 Resp: 1922590

Ion Ratio Lower Upper

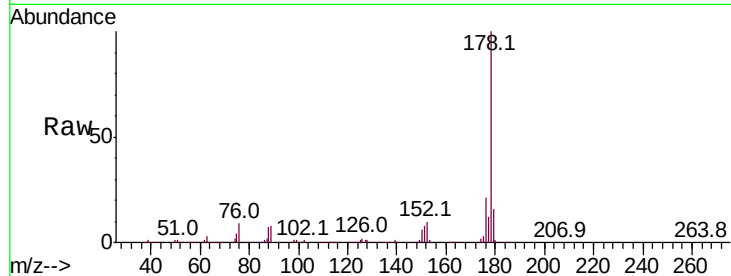
178 100

176 20.6 15.5 23.3

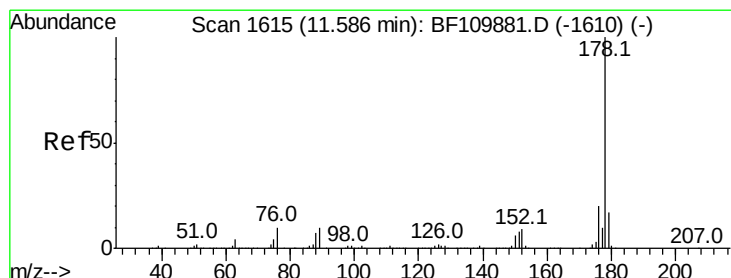
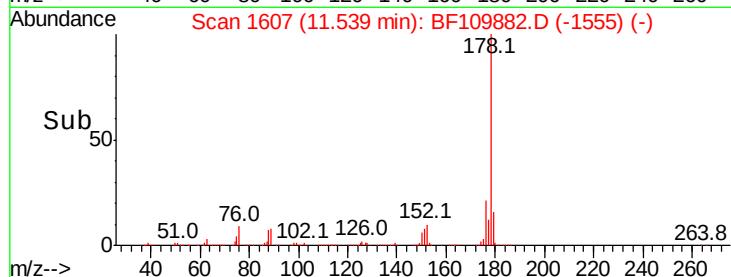
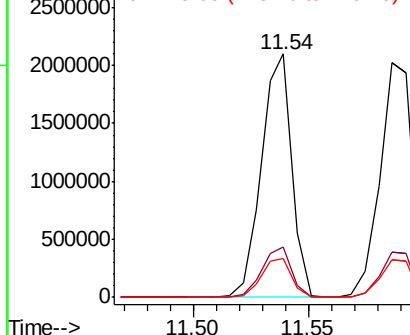
179 16.1 12.5 18.7

Manual Integrations
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Sohil
10/16/2018 9:57:19 AM



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



#72

Anthracene

Concen: 46.645 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

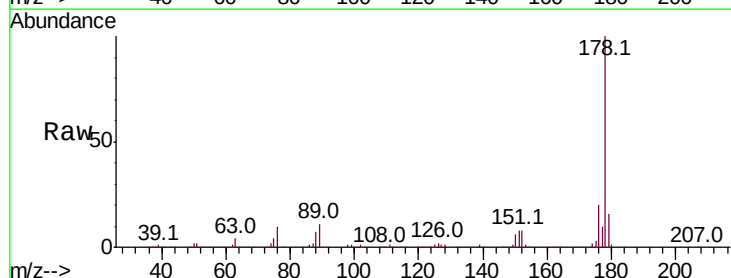
Tgt Ion:178 Resp: 1945161

Ion Ratio Lower Upper

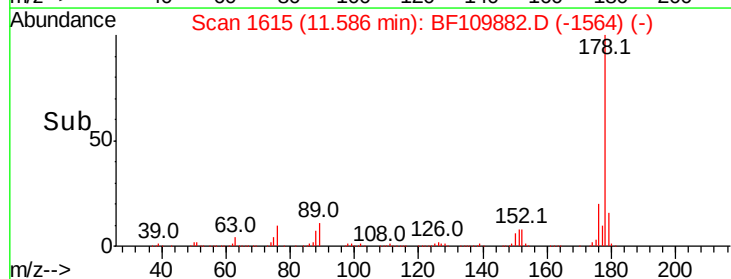
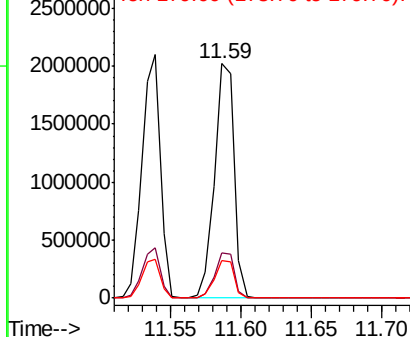
178 100

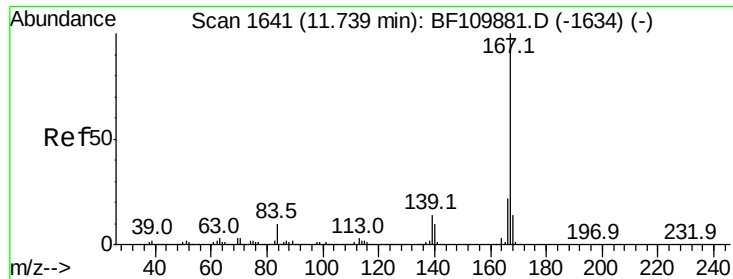
176 19.5 15.4 23.2

179 16.3 12.6 18.8



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





#73
 Carbazole
 Concen: 47.595 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

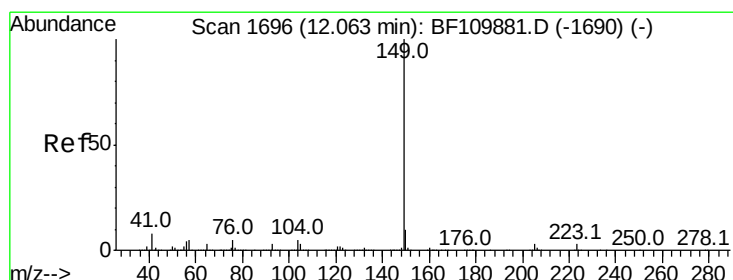
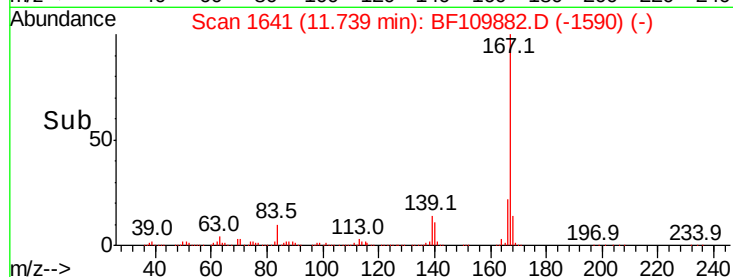
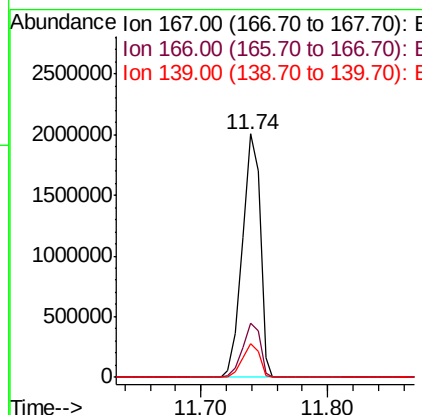
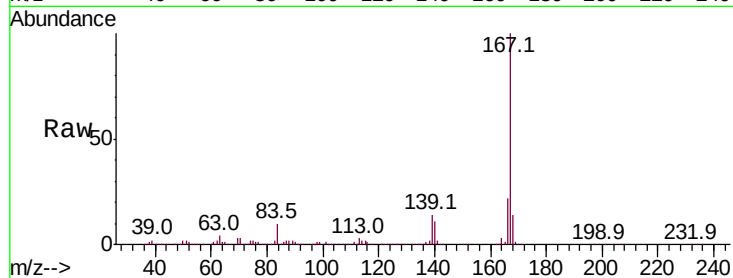
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:167 Resp: 1924989

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.9	10.9	16.3

Manual Integrations
 APPROVED

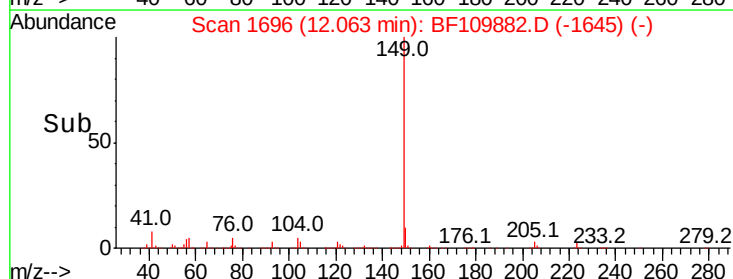
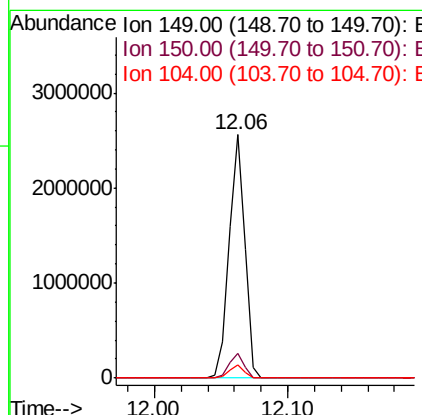
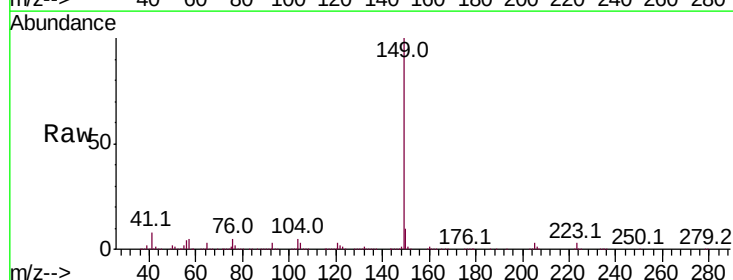
Sohil
 10/16/2018 9:57:19 AM

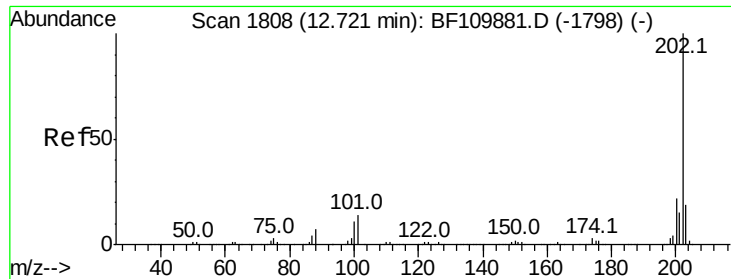


#74
 Di-n-butylphthalate
 Concen: 45.453 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion:149 Resp: 2132177

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.3	4.2	6.4





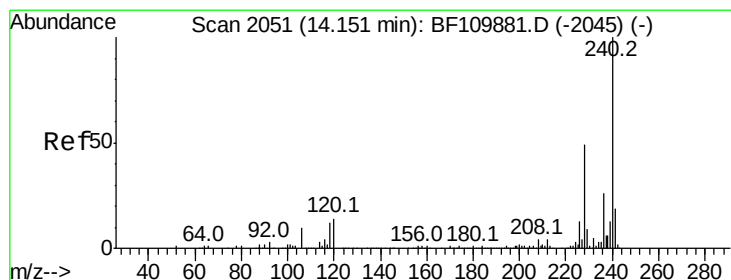
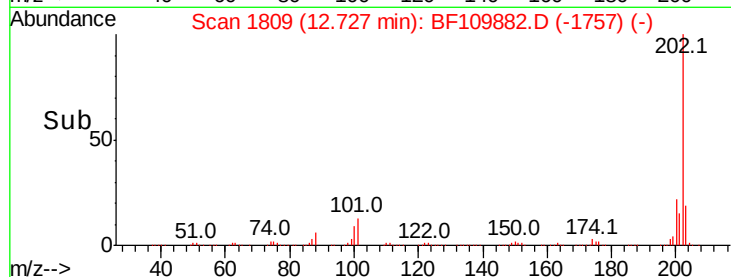
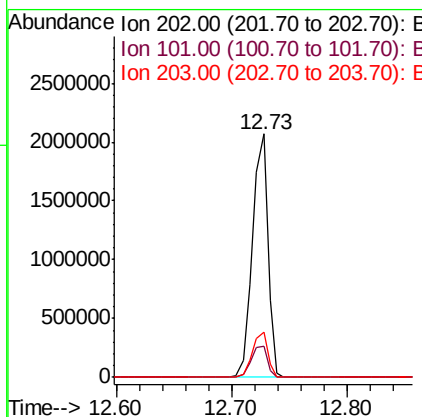
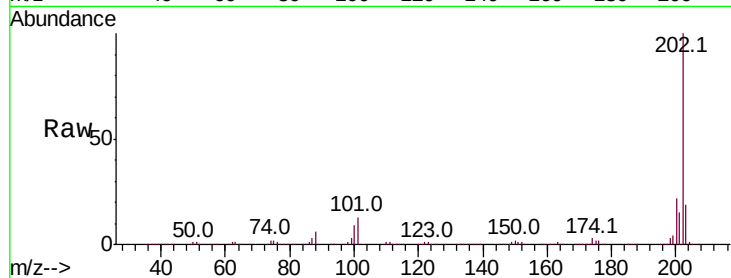
#75
Fluoranthene
Concen: 45.781 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.4
203	18.6	0.0	37.7

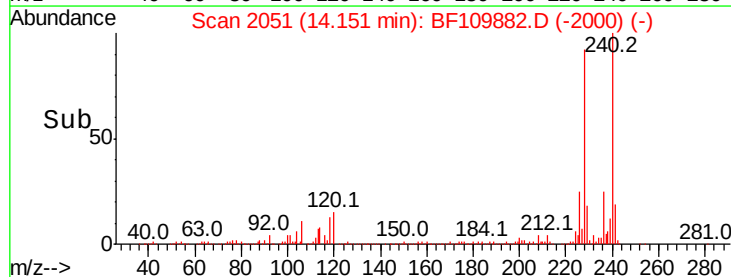
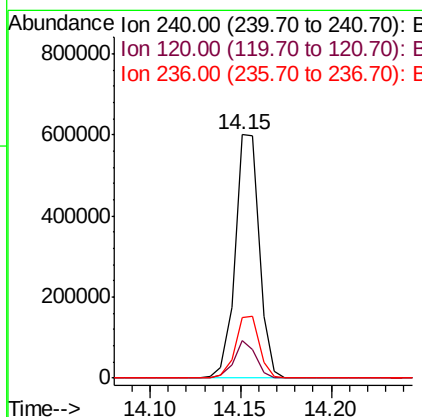
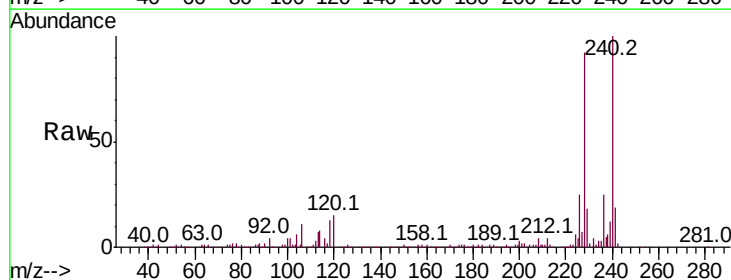
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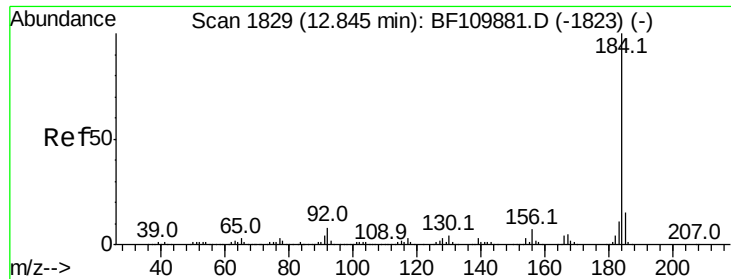
Sohil
10/16/2018 9:57:19 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	8.3	12.5#
236	24.8	21.2	31.8





#77

Benzidine

Concen: 46.125 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

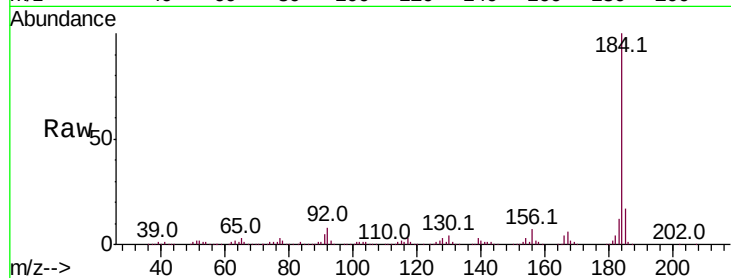
ClientSampled :

SSTDIC050

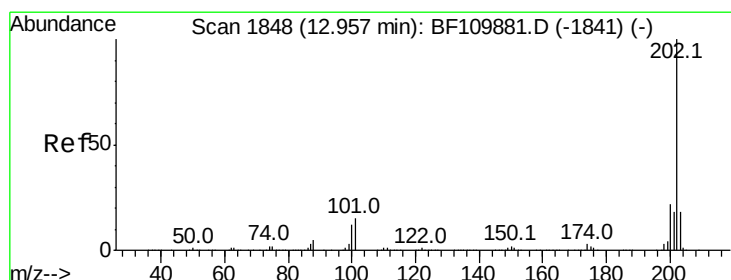
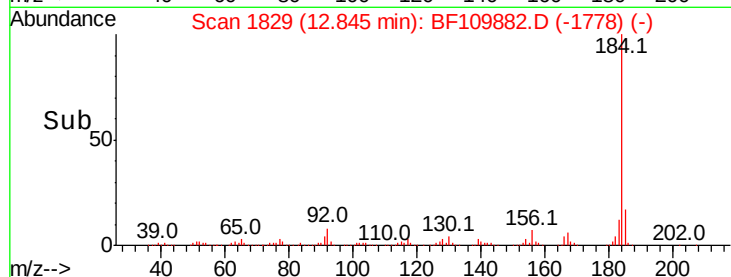
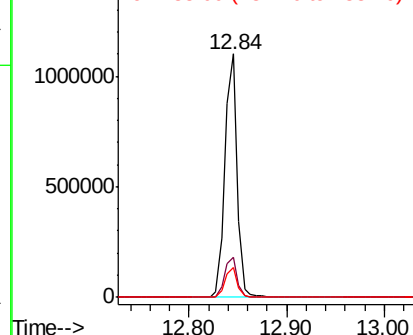
Tot Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.2
183	12.0	9.4	14.2

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.740 ng

RT: 12.96 min Scan# 1848

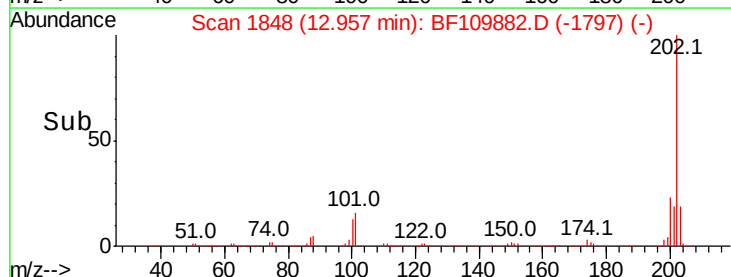
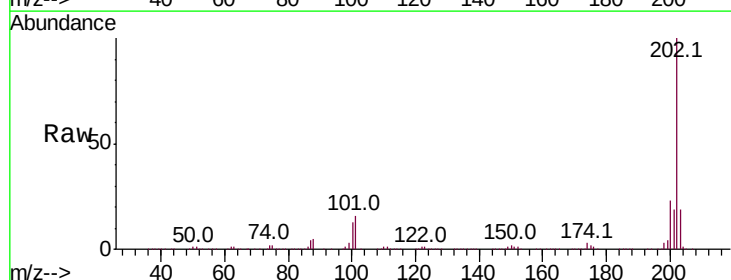
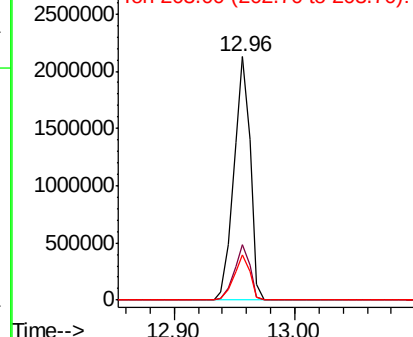
Delta R.T. -0.00 min

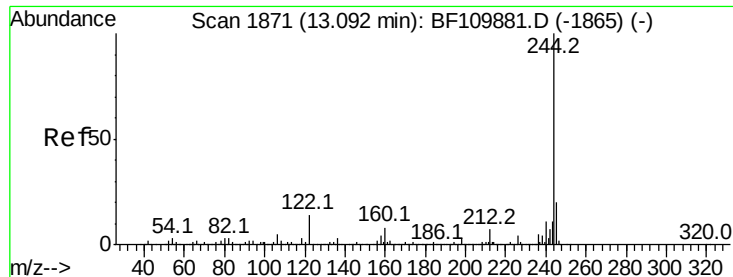
Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.6
203	18.5	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





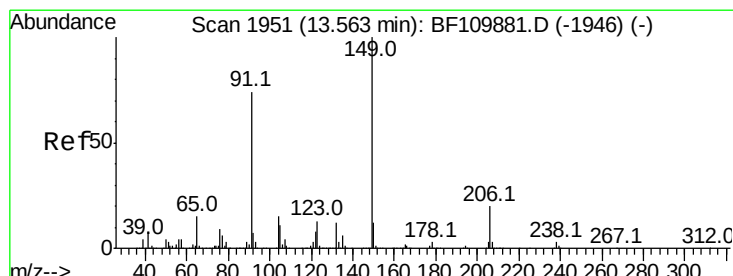
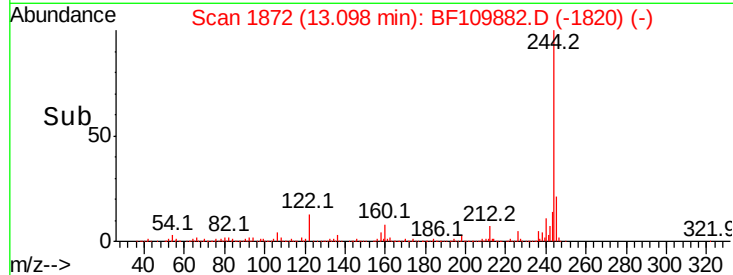
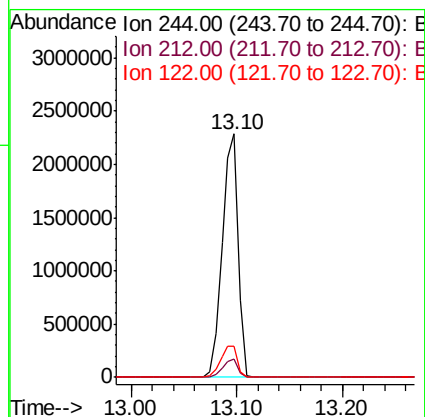
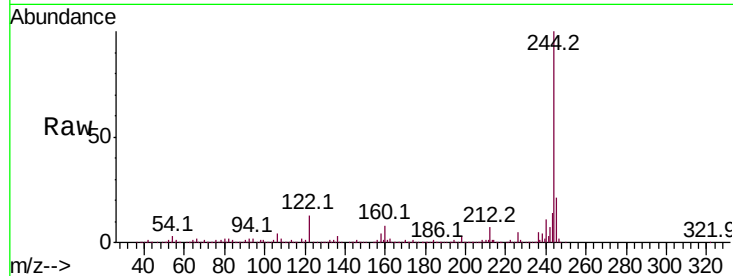
#79
 Terphenyl-d14
 Concen: 84.215 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.8	8.7	13.1

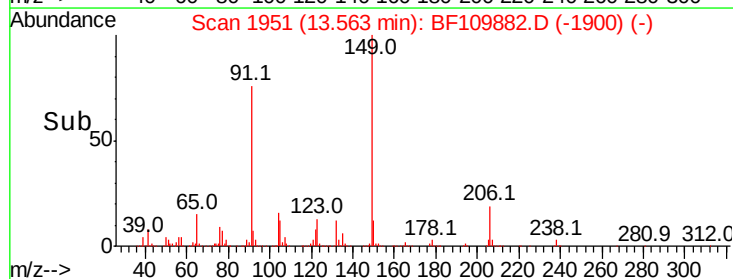
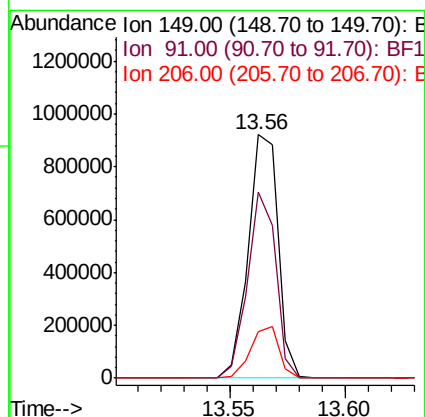
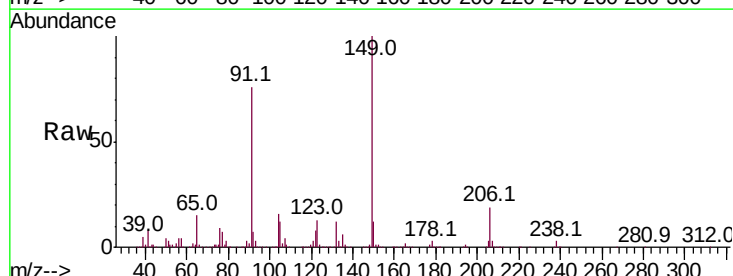
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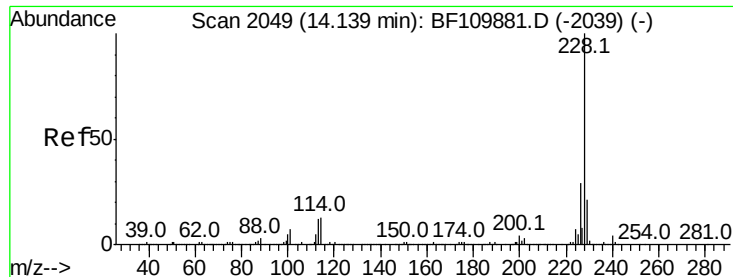
Sohil
 10/16/2018 9:57:19 AM



#80
 Butylbenzylphthalate
 Concen: 47.419 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109882.D
 Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.2	57.2	85.8
206	19.0	15.7	23.5





#81

Benzo(a)anthracene

Concen: 50.742 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:228 Resp: 1555240

Ion Ratio Lower Upper

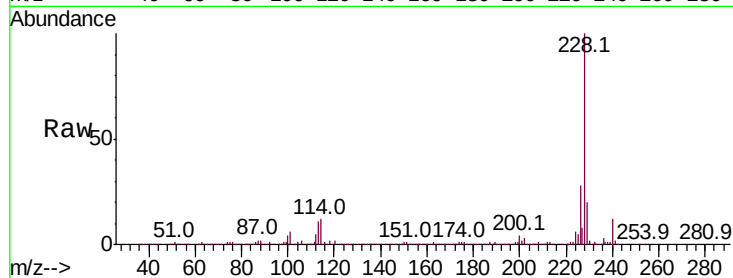
228 100

226 28.4 22.1 33.1

229 20.3 15.6 23.4

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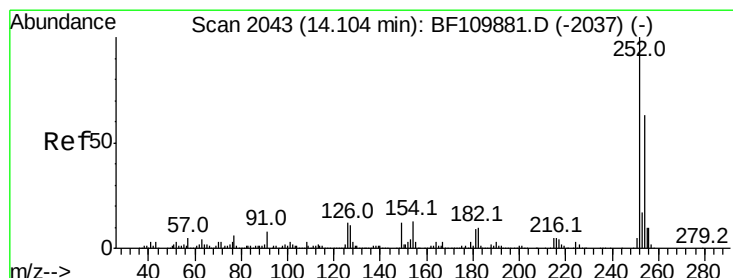
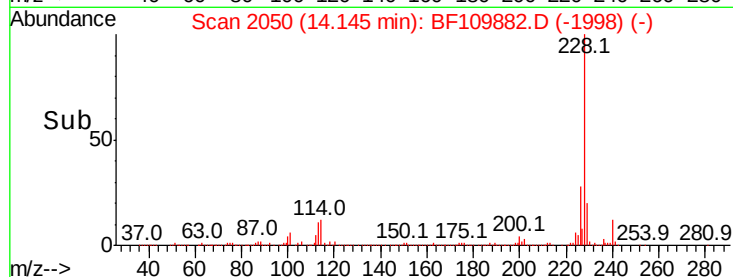
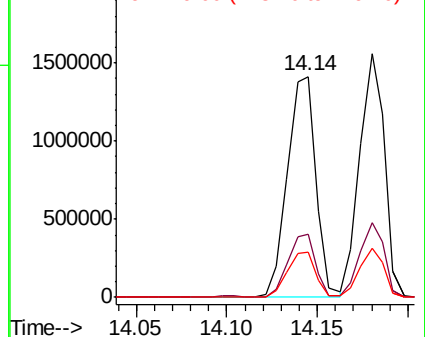


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.703 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

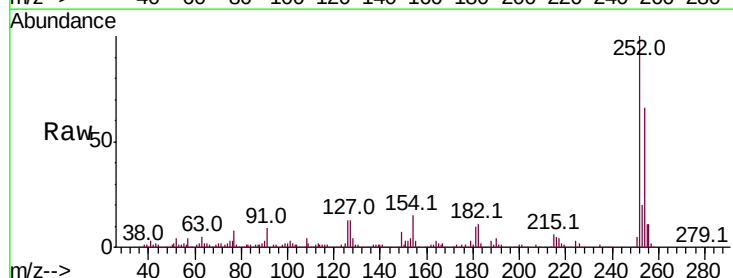
Tgt Ion:252 Resp: 539361

Ion Ratio Lower Upper

252 100

254 65.6 51.3 76.9

126 13.3 9.4 14.2

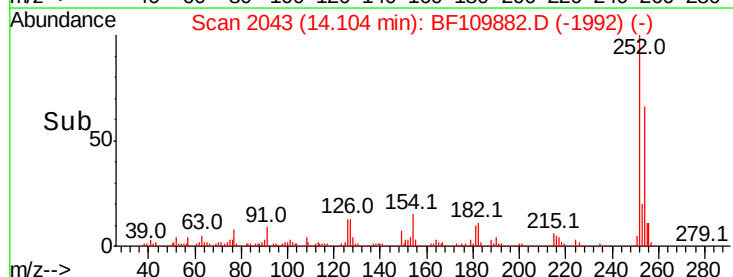
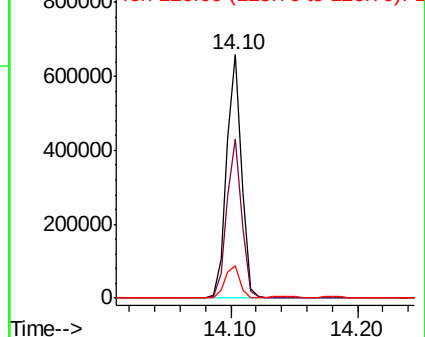


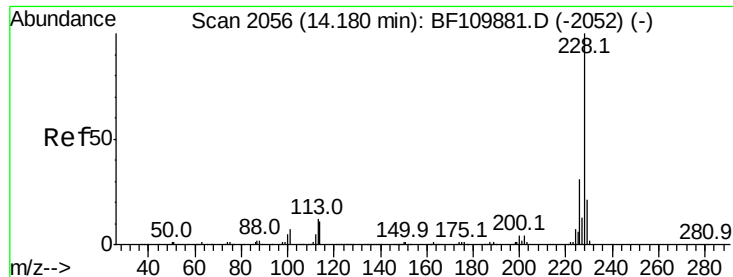
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





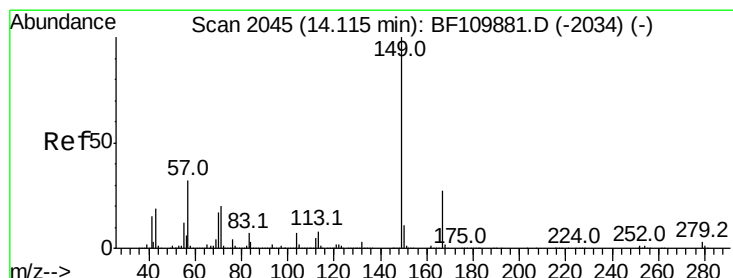
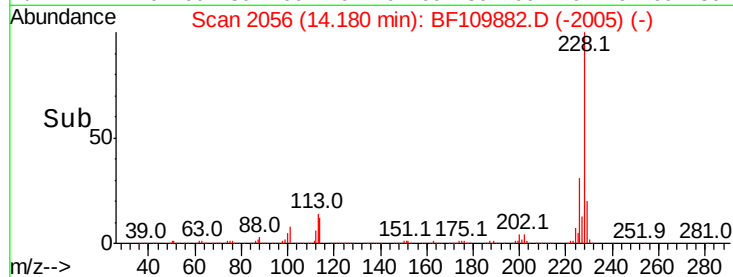
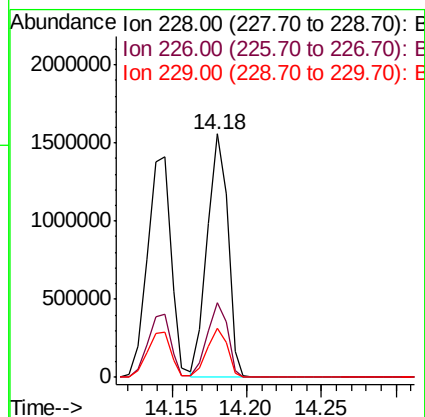
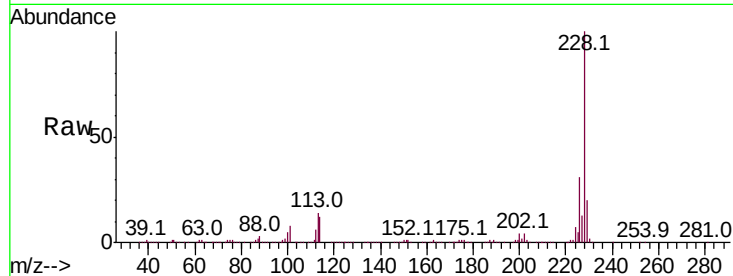
#83
Chrysene
Concen: 46.111 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	20.4	15.9	23.9

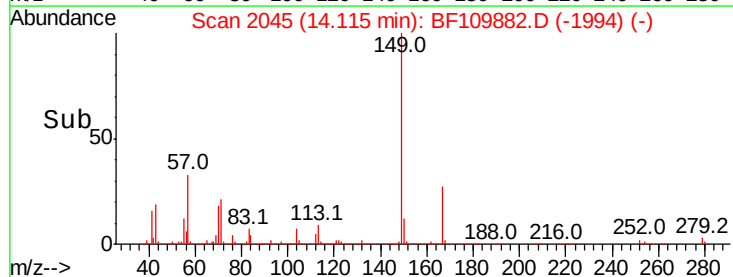
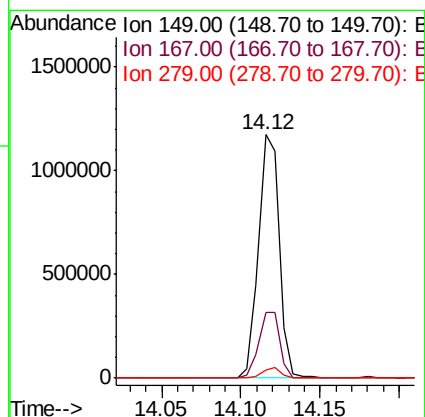
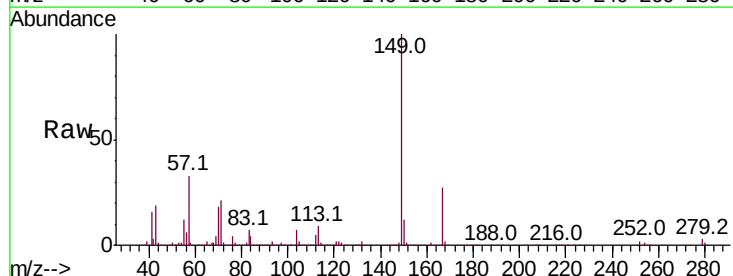
Manual Integrations
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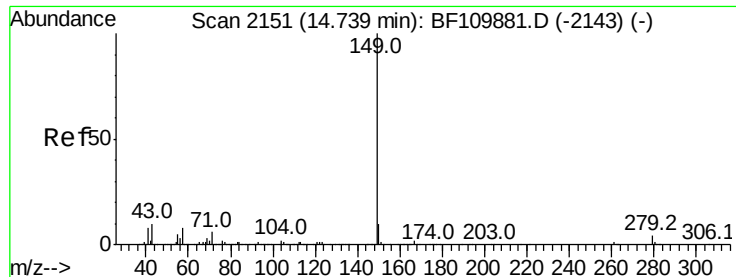
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.949 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	19.8	29.8
279	3.2	2.7	4.1





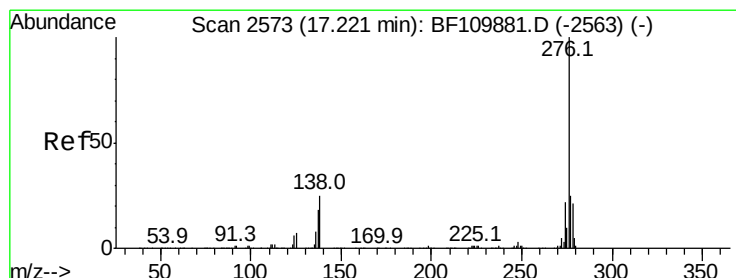
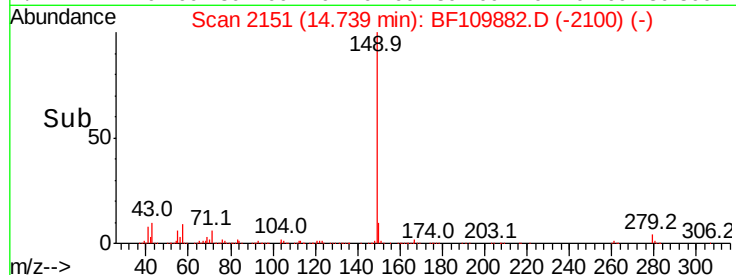
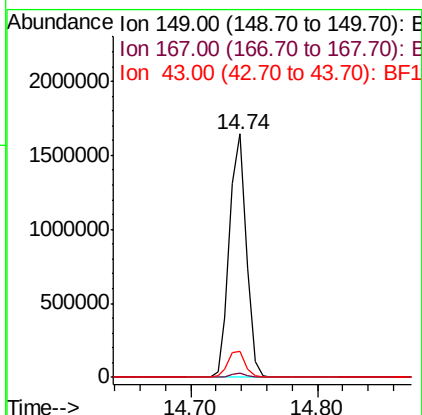
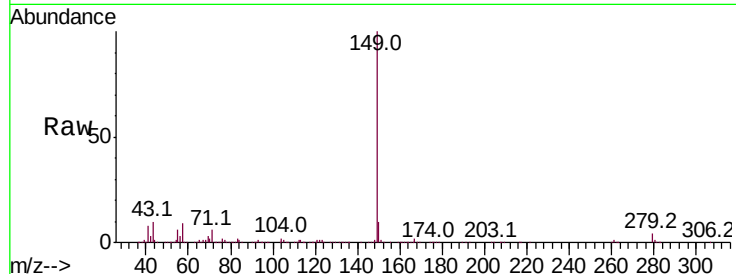
#85
Di-n-octyl phthalate
Concen: 44.453 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.1	7.8	11.8

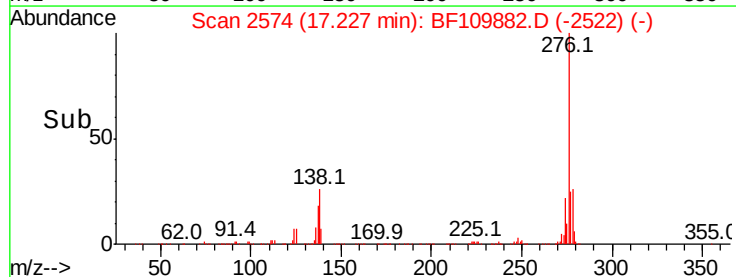
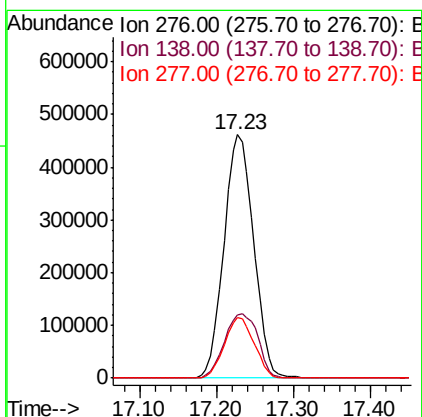
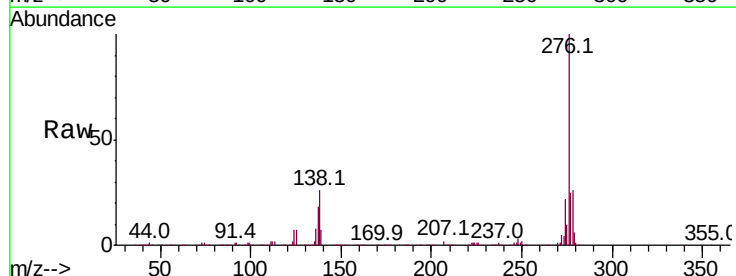
Manual Integrations
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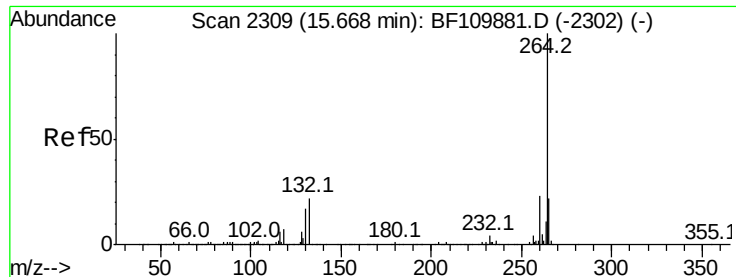
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.944 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	18.5	27.7#
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

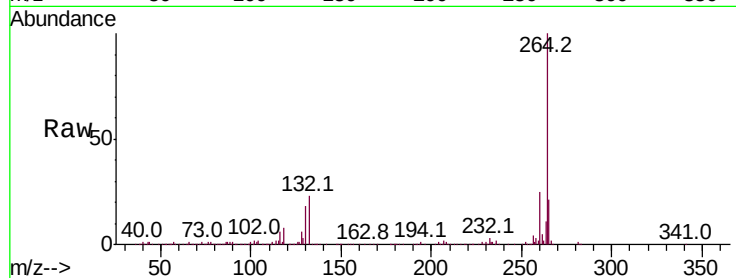
ClientSampleId :

SSTDICC050

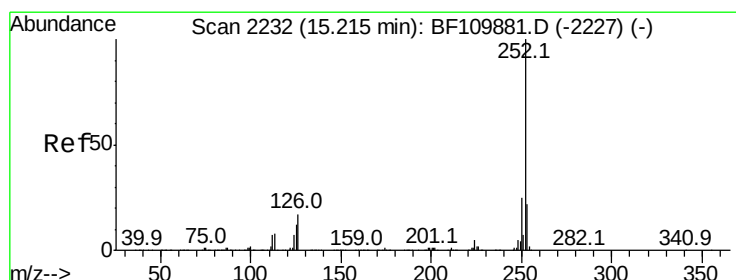
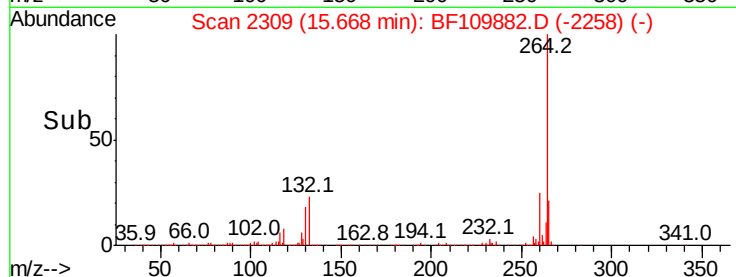
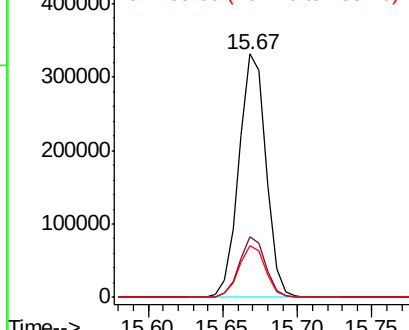
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	21.4	16.7	25.1

Manual Integrations
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10/16/2018 9:57:19 AM



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



#88

Benzo(b)fluoranthene

Concen: 51.326 ng

RT: 15.22 min Scan# 2233

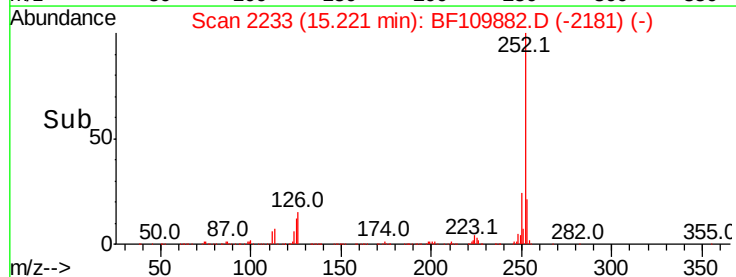
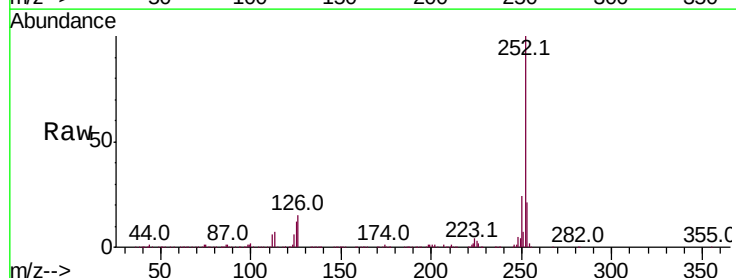
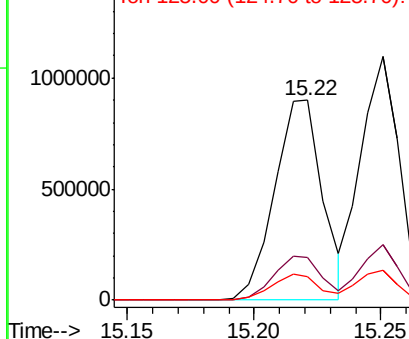
Delta R.T. 0.01 min

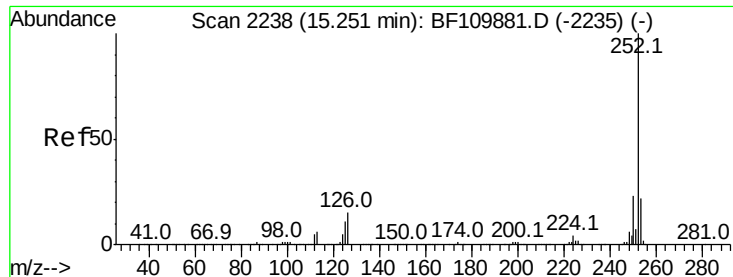
Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.5	8.2	12.4

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





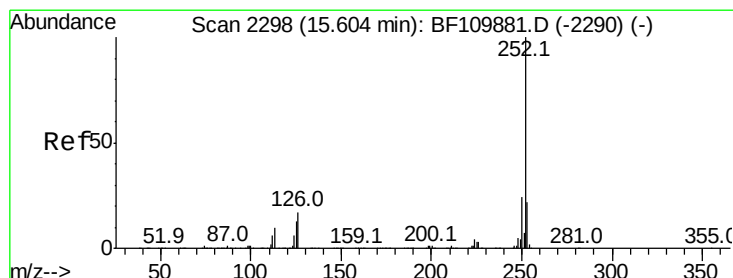
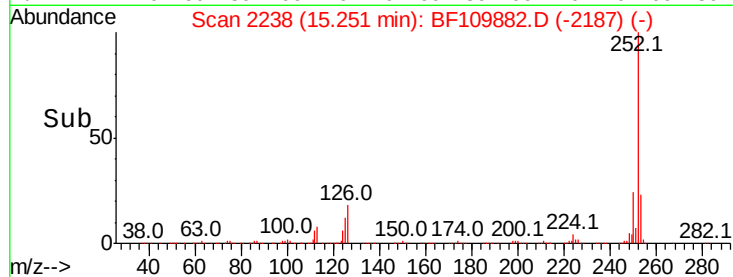
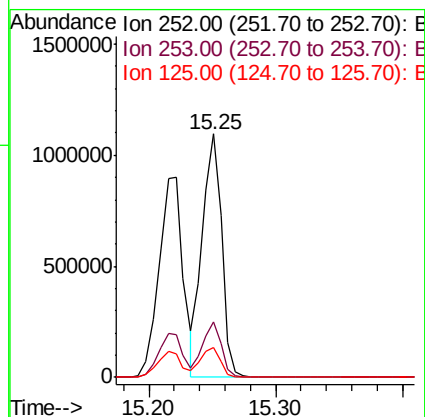
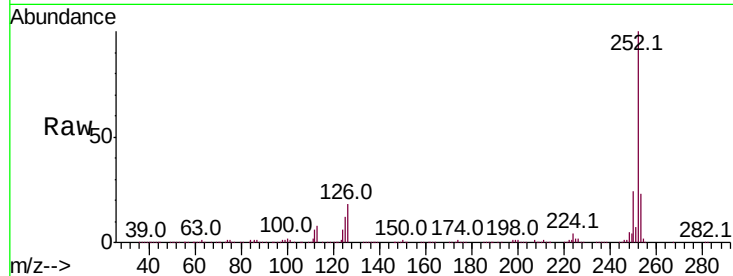
#89
Benzo(k)fluoranthene
Concen: 49.889 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.5	7.4	11.0

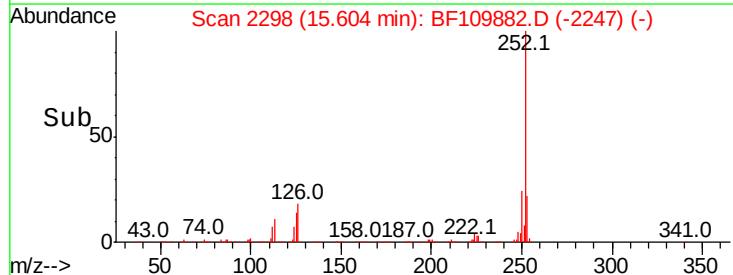
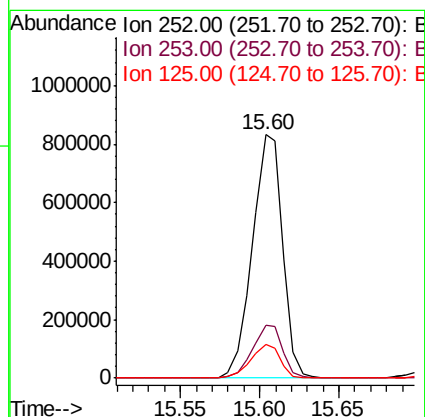
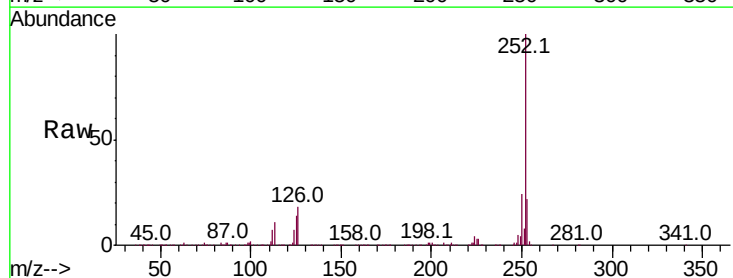
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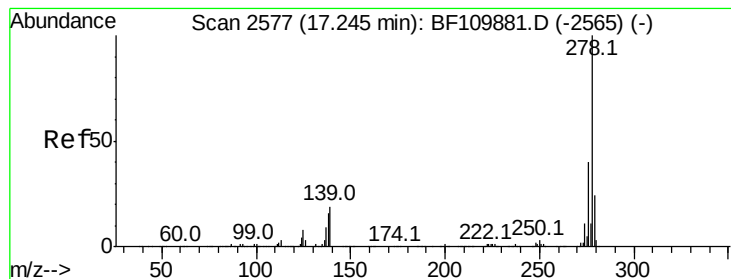
Sohil
10/16/2018 9:57:19 AM



#90
Benzo(a)pyrene
Concen: 52.454 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF109882.D
Acq: 15 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	14.0	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 59.609 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:278 Resp: 1029866

Ion Ratio Lower Upper

278 100

139 19.0 12.7 19.1

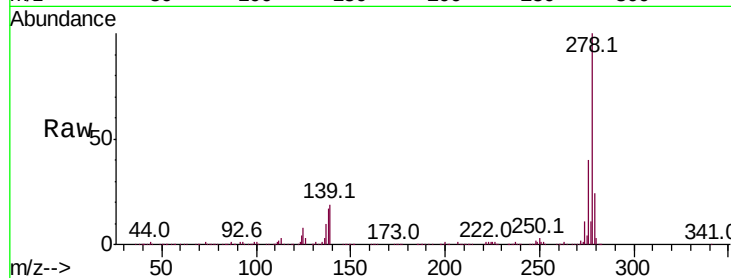
279 23.9 19.0 28.4

Manual Integrations

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Sohil

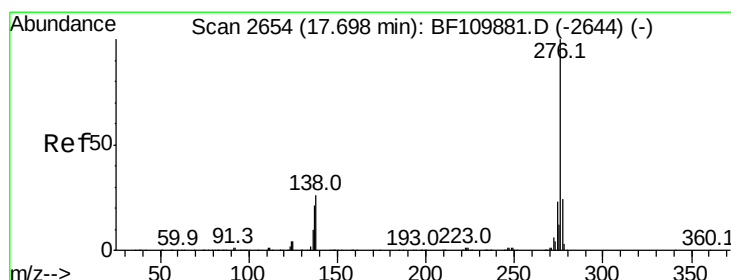
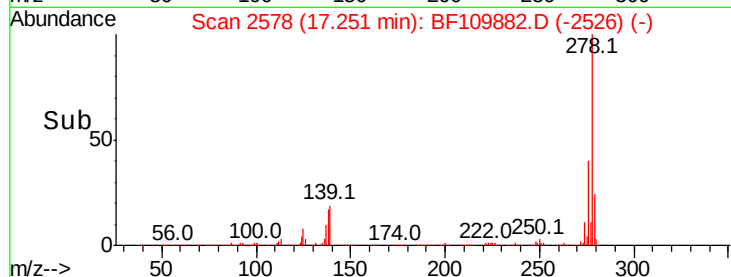
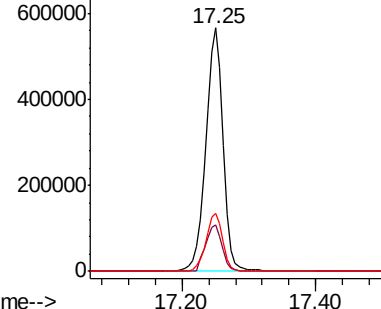
10/16/2018 9:57:19 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.348 ng

RT: 17.70 min Scan# 2655

Delta R.T. 0.01 min

Lab File: BF109882.D

Acq: 15 Oct 2018 16:39

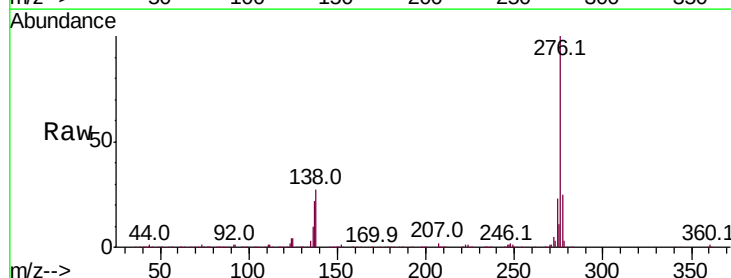
Tgt Ion:276 Resp: 1058410

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 26.7 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

