

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109692.D
 Acq On : 9 Oct 2018 13:55
 Operator : JU/SJ
 Sample : PB113605BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

Manual Integrations
 APPROVED

Sohil
 10/10/2018 11:36:57 AM

Quant Time: Oct 09 14:23:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	90020	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	379881	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	188922	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	366999	20.00	ng	0.00
75) Chrysene-d12	13.83	240	276445	20.00	ng	0.00
86) Perylene-d12	15.23	264	220679	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	681368	134.35	ng	0.01
7) Phenol-d6	6.36	99	874026	129.01	ng	0.00
23) Nitrobenzene-d5	7.26	82	544928	79.07	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	258493	125.57	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1057751	77.11	ng	0.00
78) Terphenyl-d14	12.79	244	856131	59.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	93002	34.942	ng	96
3) Pyridine	3.22	79	193533	35.244	ng	98
4) n-Nitrosodimethylamine	3.15	42	90049	45.433	ng	98
6) Aniline	6.37	93	268456	34.016	ng	# 75
8) 2-Chlorophenol	6.49	128	263020	42.170	ng	99
9) Benzaldehyde	6.25	77	139847	32.078	ng	100
10) Phenol	6.37	94	304557	39.203	ng	84
11) bis(2-Chloroethyl)ether	6.44	93	224564	34.867	ng	99
12) 1,3-Dichlorobenzene	6.64	146	283504	39.741	ng	97
13) 1,4-Dichlorobenzene	6.72	146	312036	40.127	ng	99
14) 1,2-Dichlorobenzene	6.87	146	274941	40.259	ng	97
15) Benzyl Alcohol	6.85	79	212879	42.384	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	339184	39.717	ng	90
17) 2-Methylphenol	6.97	107	208433	42.258	ng	96
18) Hexachloroethane	7.20	117	111726	40.648	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	190018	39.995	ng	100
20) 3+4-Methylphenols	7.12	107	257592	42.383	ng	# 89
22) Acetophenone	7.11	105	389079	42.354	ng	100
24) Nitrobenzene	7.28	77	288296	40.203	ng	99
25) Isophorone	7.52	82	521653	45.584	ng	98
26) 2-Nitrophenol	7.60	139	144111	42.964	ng	97
27) 2,4-Dimethylphenol	7.65	122	232338	47.968	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	331446	42.819	ng	99
29) 2,4-Dichlorophenol	7.85	162	231939	42.691	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	241490	40.152	ng	99
31) Naphthalene	8.00	128	817794	46.549	ng	99
32) Benzoic acid	7.80	122	126230	36.451	ng	97
33) 4-Chloroaniline	8.06	127	198526	25.661	ng	98
34) Hexachlorobutadiene	8.12	225	143953	38.495	ng	99
35) Caprolactam	8.43	113	68323m	42.109	ng	
36) 4-Chloro-3-methylphenol	8.55	107	251083	43.781	ng	97
37) 2-Methylnaphthalene	8.69	142	535822	46.561	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	248641	38.663	ng	98
40) Hexachlorocyclopentadiene	8.85	237	239800	84.695	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	155405	40.424	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	177731	40.208	ng	98
45) 1,1'-Biphenyl	9.15	154	649870	38.505	ng	98
46) 2-Chloronaphthalene	9.18	162	501900	39.694	ng	99
47) 2-Nitroaniline	9.28	65	156245	40.810	ng	93
48) Acenaphthylene	9.59	152	793414	43.041	ng	99
49) Dimethylphthalate	9.46	163	578366	41.742	ng	99
50) 2,6-Dinitrotoluene	9.52	165	125553	41.803	ng	95
51) Acenaphthene	9.76	154	440656	40.325	ng	100
52) 3-Nitroaniline	9.69	138	94022	27.927	ng	95
53) 2,4-Dinitrophenol	9.80	184	96616	99.705	ng	96
54) Dibenzofuran	9.93	168	667342	40.741	ng	99
55) 4-Nitrophenol	9.87	139	147060	79.801	ng	97
56) 2,4-Dinitrotoluene	9.93	165	157382	41.989	ng	97
57) Fluorene	10.27	166	536008	43.819	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	151359	42.124	ng	96
59) Diethylphthalate	10.16	149	570915	41.586	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	254933	39.504	ng	98
61) 4-Nitroaniline	10.31	138	129494	41.532	ng	100
62) Azobenzene	10.43	77	583264	41.838	ng	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	67515	37.797	ng	98
65) n-Nitrosodiphenylamine	10.39	169	487528	39.186	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	166957	39.593	ng	# 91
67) Hexachlorobenzene	10.82	284	177816	38.941	ng	# 93
68) Atrazine	10.92	200	158800	40.899	ng	100
69) Pentachlorophenol	11.02	266	171979	66.933	ng	100
70) Phenanthrene	11.23	178	782380	42.599	ng	99
71) Anthracene	11.29	178	838773	44.180	ng	99
72) Carbazole	11.44	167	738363	40.099	ng	100
73) Di-n-butylphthalate	11.77	149	885930	41.482	ng	100
74) Fluoranthene	12.42	202	836654	43.606	ng	98
76) Benzidine	12.54	184	455176	44.324	ng	97
77) Pyrene	12.64	202	823353	40.651	ng	99
79) Butylbenzylphthalate	13.26	149	368212	41.932	ng	96
80) Benzo(a)anthracene	13.82	228	648113	42.484	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	164651	26.804	ng	99
82) Chrysene	13.86	228	683248	42.639	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	447269	41.748	ng	99
84) Di-n-octyl phthalate	14.42	149	744418	43.960	ng	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	486327	42.402	ng	100
87) Benzo(b)fluoranthene	14.84	252	546509	44.814	ng	98
88) Benzo(k)fluoranthene	14.86	252	536103	43.752	ng	98
89) Benzo(a)pyrene	15.17	252	499054	45.095	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	402323	44.265	ng	99
91) Benzo(g,h,i)perylene	16.99	276	415292	45.757	ng	100

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

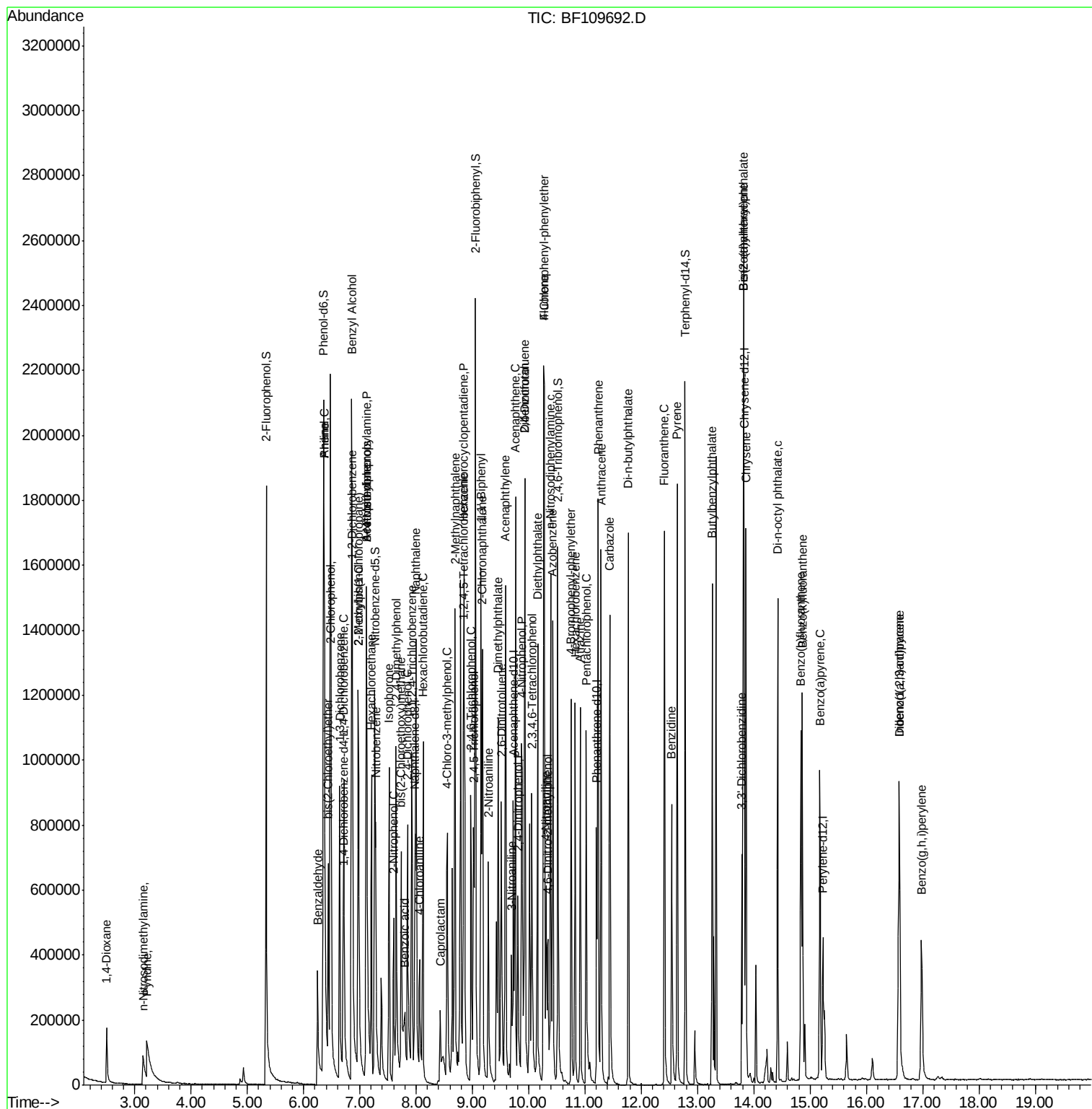
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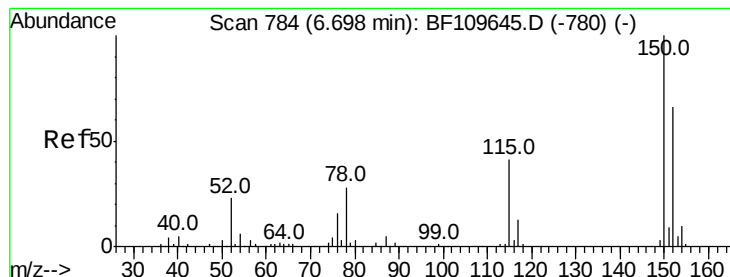
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

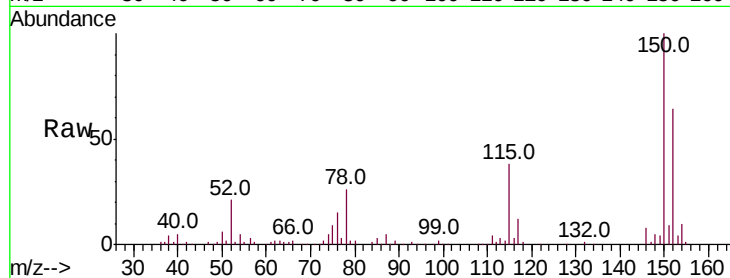
ClientSampleId :

PB113605BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	58.8	49.1	73.7

Manual Integrations
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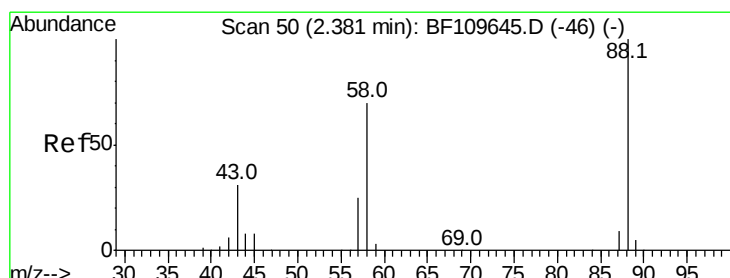
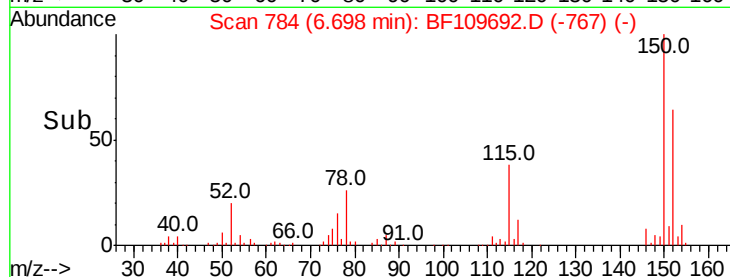
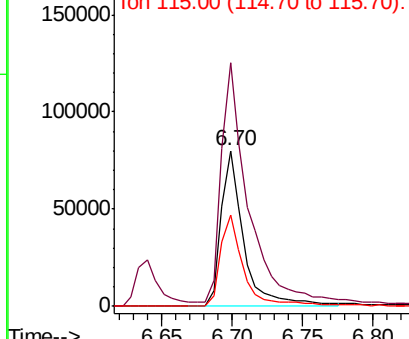


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.942 ng

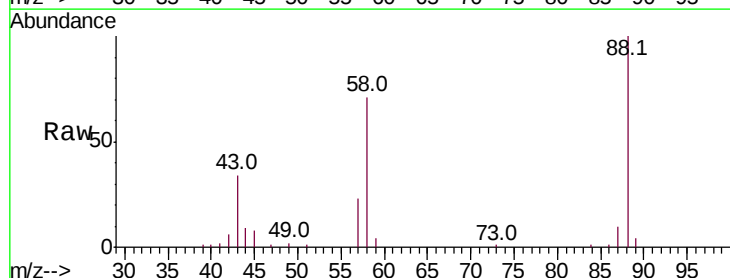
RT: 2.50 min Scan# 70

Delta R.T. 0.12 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	57.1	85.7
43	33.3	24.1	36.1

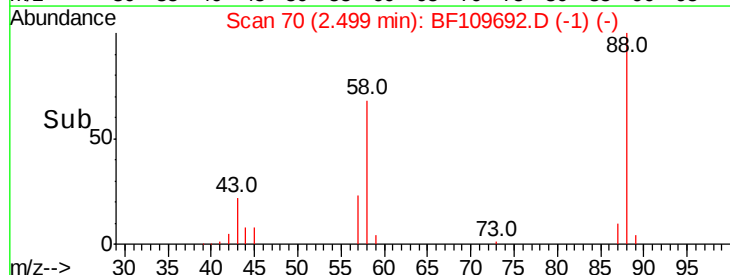
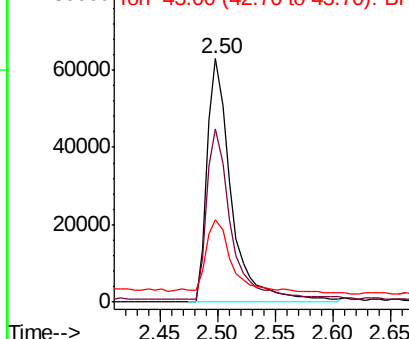


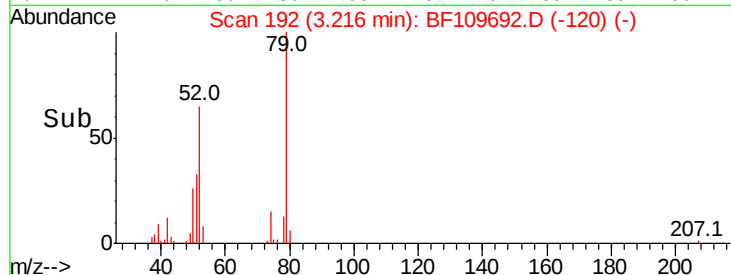
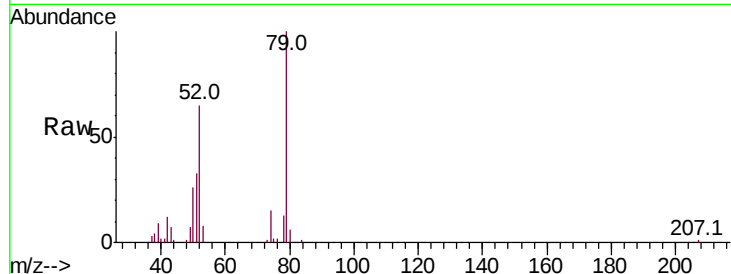
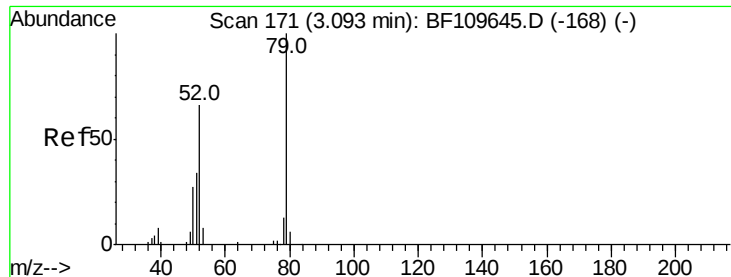
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





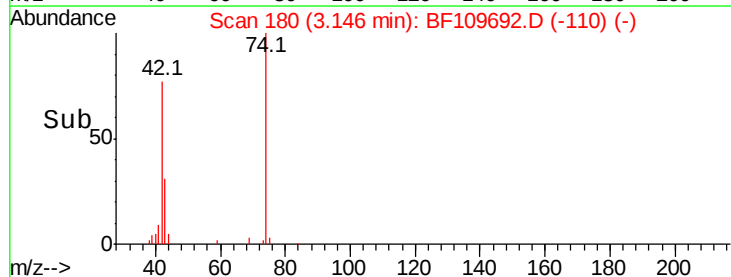
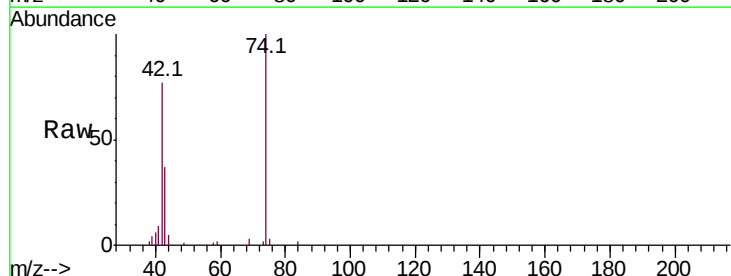
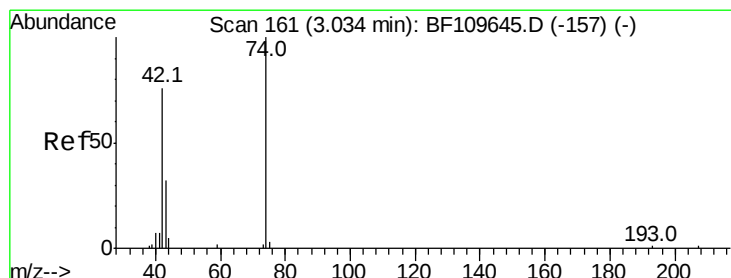
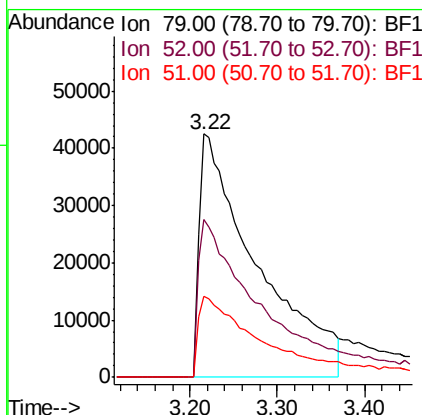
#3
 Pvridine
 Concen: 35.244 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.12 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	64.7	53.1	79.7	
51	33.1	27.4	41.2	

Instrument :
 BNA_F
 ClientSampled :
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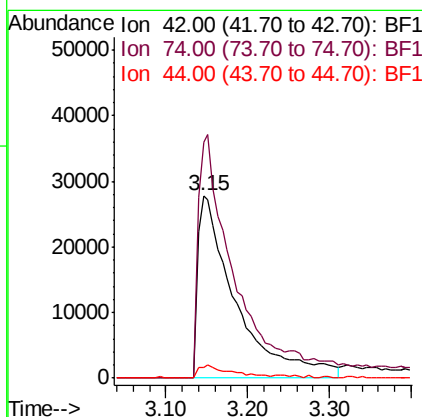
Manual Integrations
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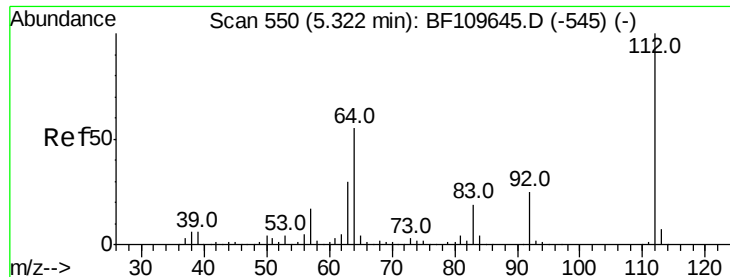
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#4
 n-Nitrosodimethylamine
 Concen: 45.433 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.11 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	129.5	105.5	158.3	
44	6.0	4.9	7.3	





#5

2-Fluorophenol

Concen: 134.353 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

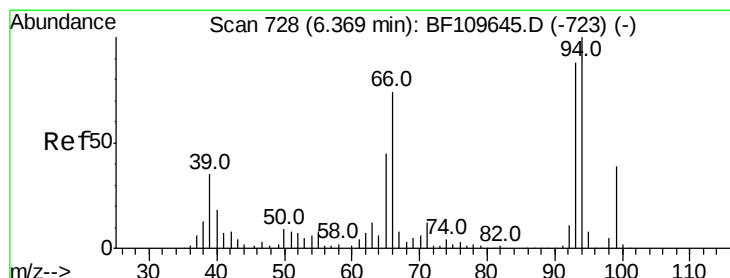
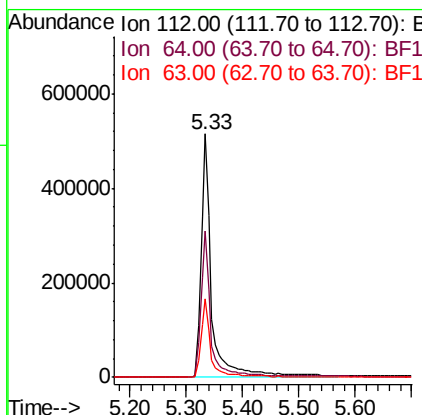
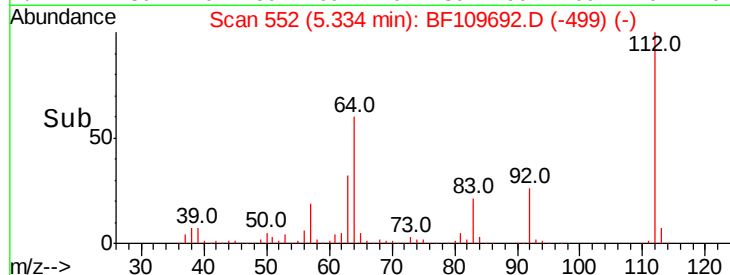
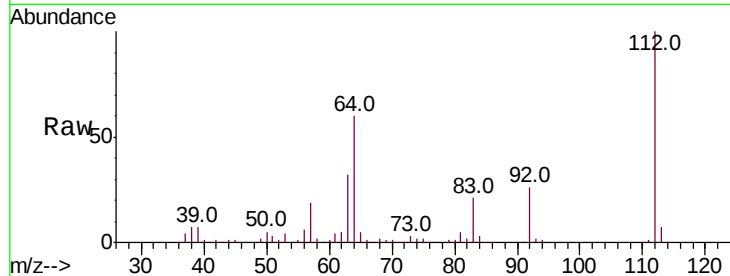
ClientSampleId :

PB113605BS

Tot Ion:	112	Resp:	681368
Ion Ratio	Lower	Upper	
112	100		
64	60.2	44.1	66.1
63	32.4	23.7	35.5

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#6

Aniline

Concen: 34.016 ng

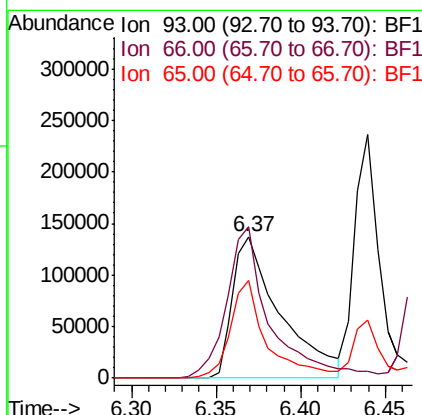
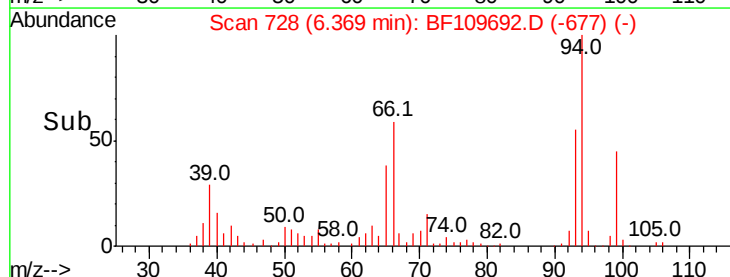
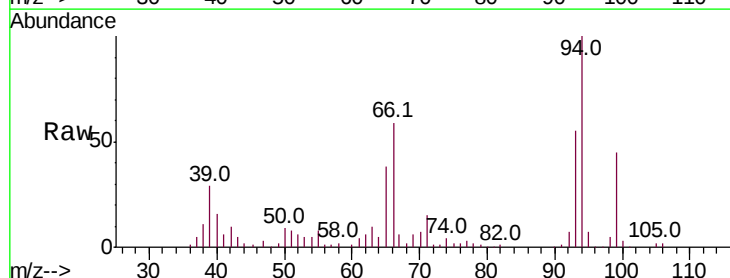
RT: 6.37 min Scan# 728

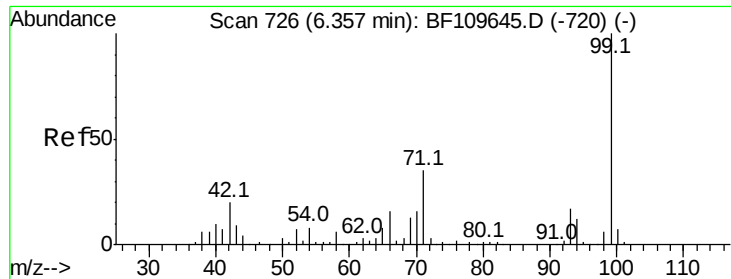
Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion:	93	Resp:	268456
Ion Ratio	Lower	Upper	
93	100		
66	106.8	67.4	101.0#
65	69.1	41.0	61.4#





#7

Phenol-d6

Concen: 129.009 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

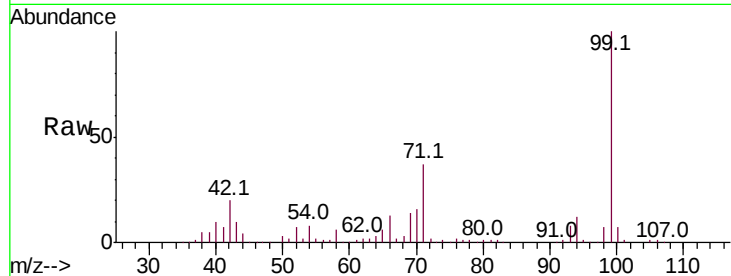
ClientSampleId :

PB113605BS

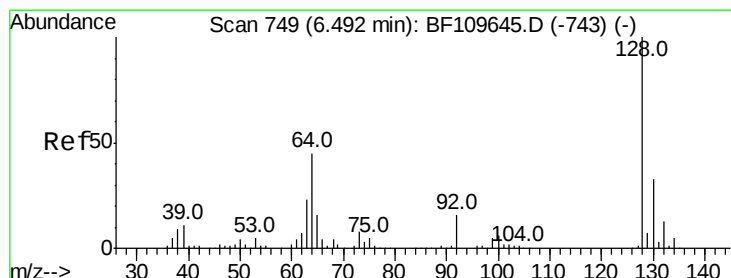
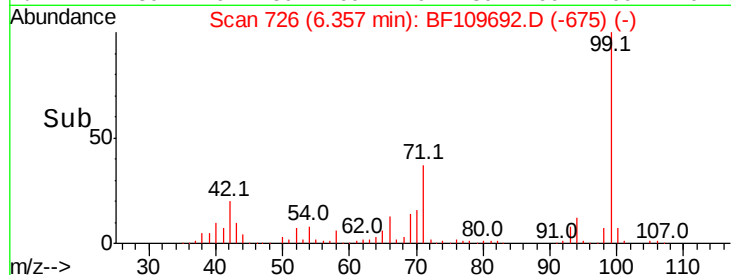
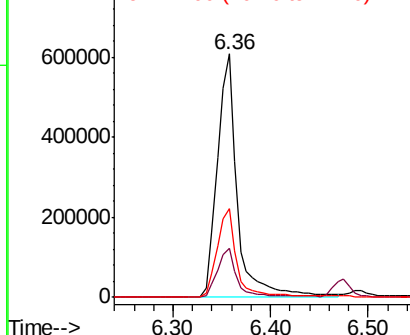
Tot Ion:	99	Resp:	874026
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	36.6	28.0	42.0

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



#8

2-Chlorophenol

Concen: 42.170 ng

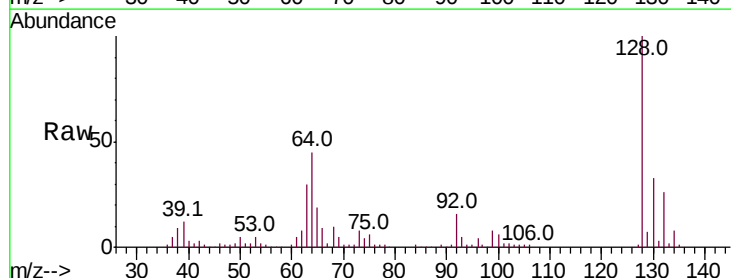
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

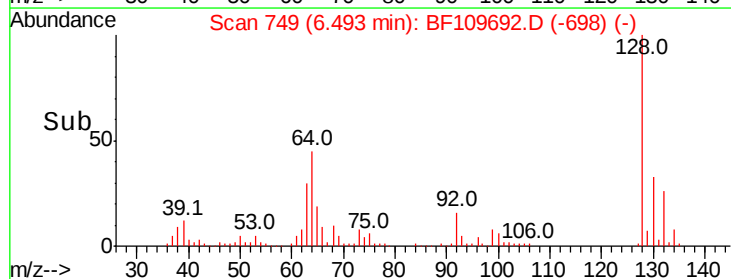
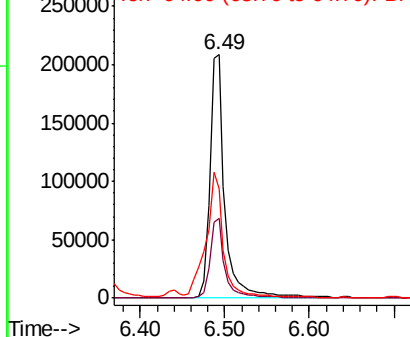
Lab File: BF109692.D

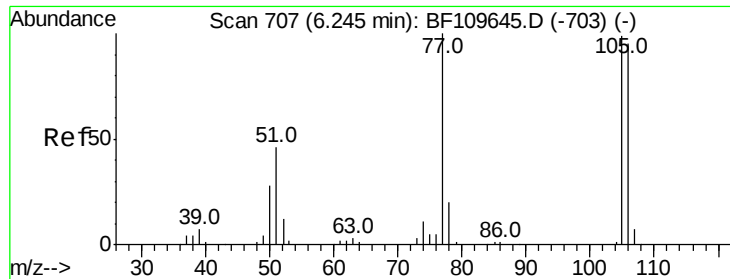
Acq: 9 Oct 2018 13:55

Tgt Ion:	128	Resp:	263020
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.1	53.1
64	44.7	26.0	66.0



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





#9

Benzaldehyde

Concen: 32.078 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

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Acq: 9 Oct 2018 13:55

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BNA_F

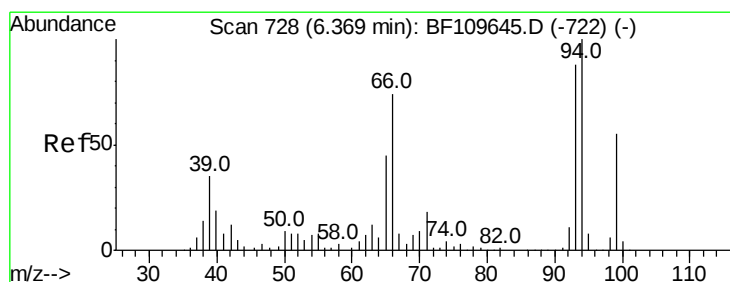
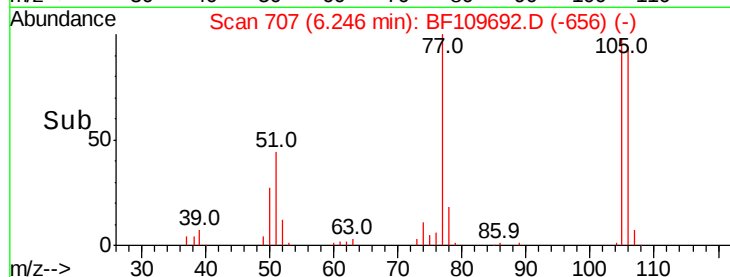
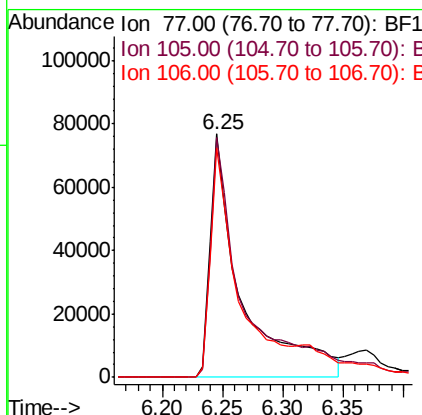
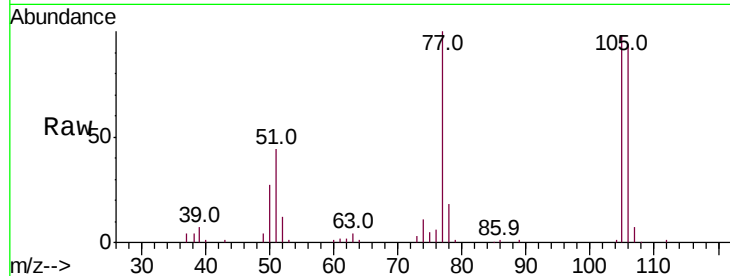
ClientSampled :

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Tot Ion:	77	Resp:	139847
Ion	Ratio	Lower	Upper
77	100		
105	98.3	78.6	118.6
106	94.3	74.8	114.8

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#10

Phenol

Concen: 39.203 ng

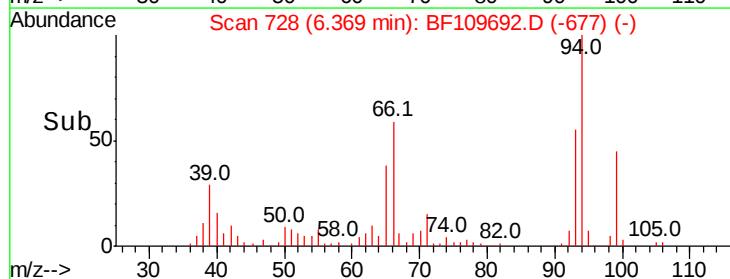
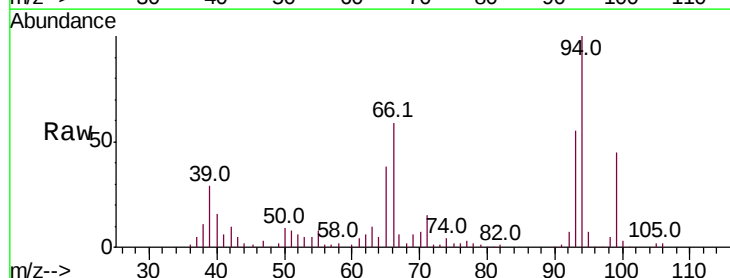
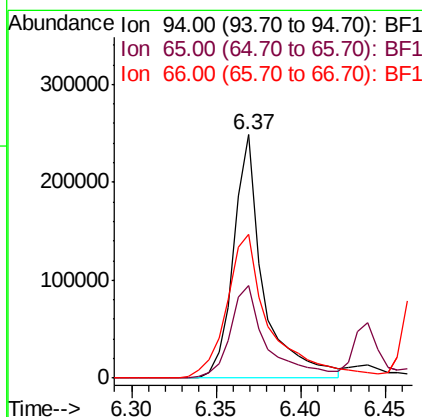
RT: 6.37 min Scan# 728

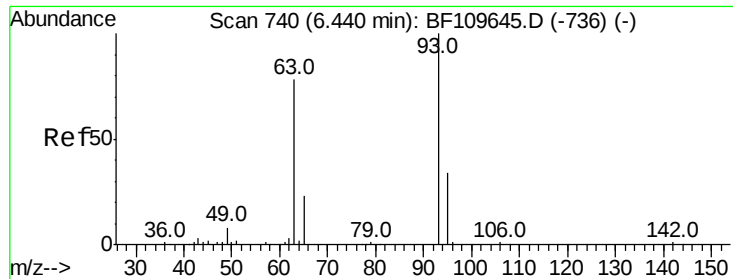
Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion:	94	Resp:	304557
Ion	Ratio	Lower	Upper
94	100		
65	38.1	25.3	65.3
66	58.9	54.5	94.5





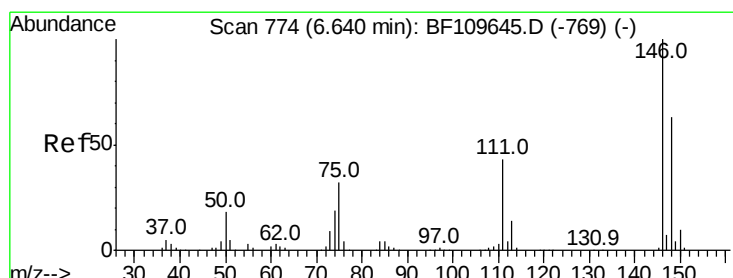
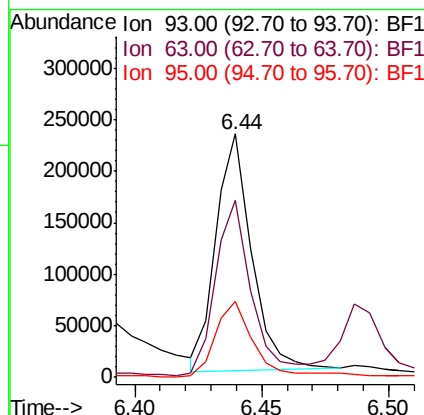
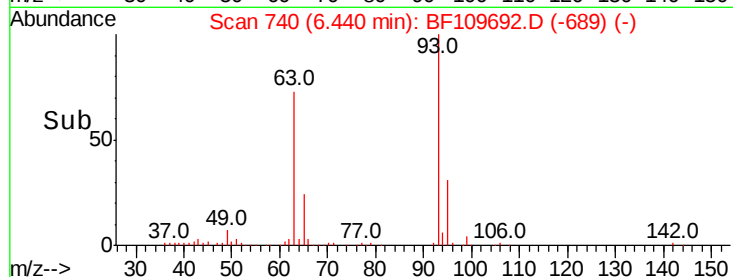
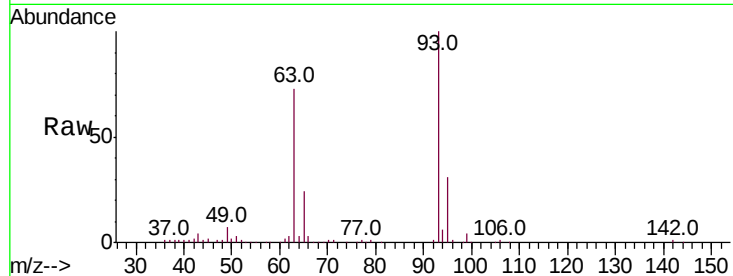
#11
bis(2-Chloroethyl)ether
Concen: 34.867 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion:	93	Resp:	224564
Ion Ratio	Lower	Upper	
93	100		
63	72.9	53.4	93.4
95	31.0	12.1	52.1

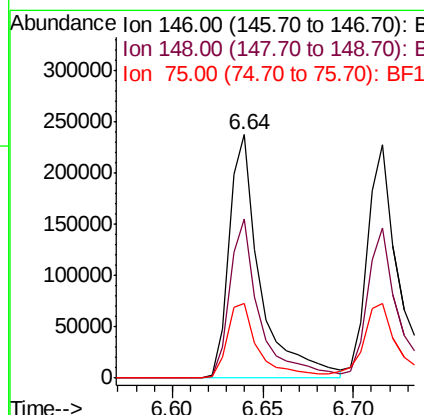
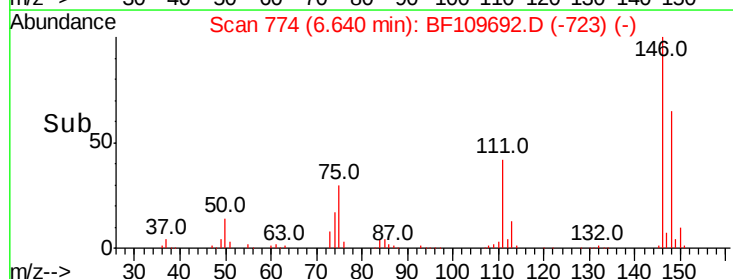
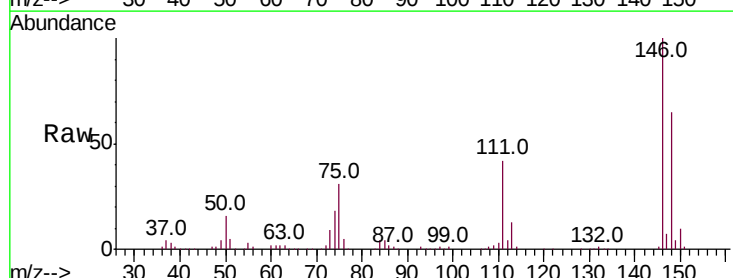
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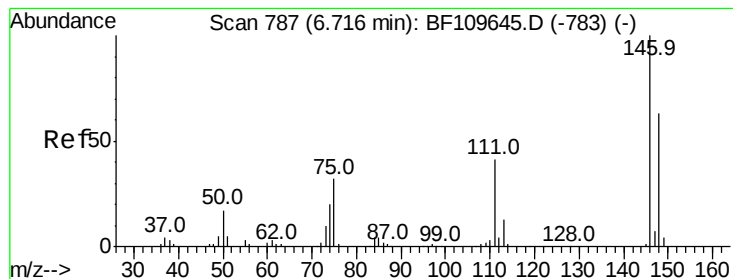
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#12
1,3-Dichlorobenzene
Concen: 39.741 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion:	146	Resp:	283504
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.4	75.6
75	30.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 40.127 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

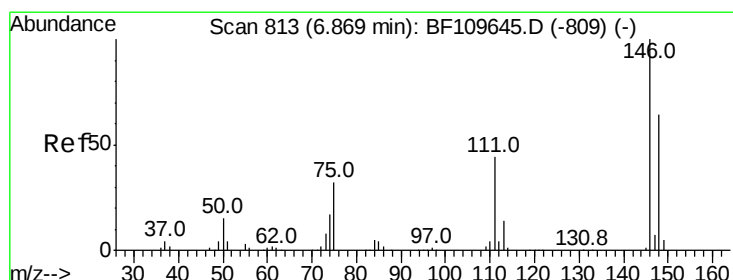
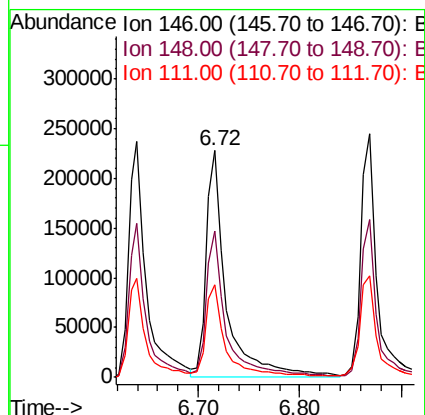
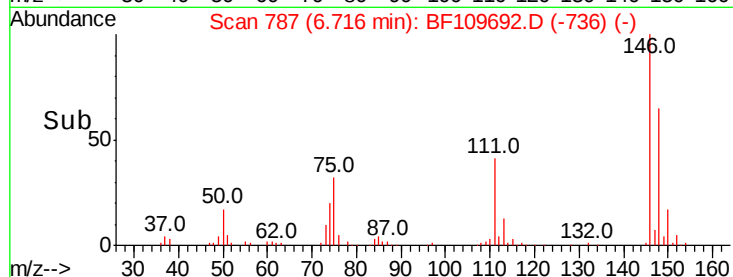
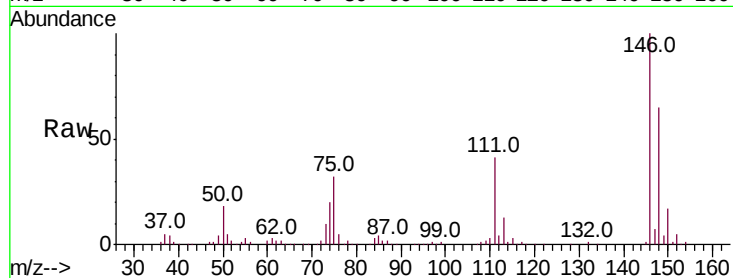
ClientSampleId :

PB113605BS

Tot Ion:	146	Resp:	312036
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.3	75.5
111	41.0	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 40.259 ng

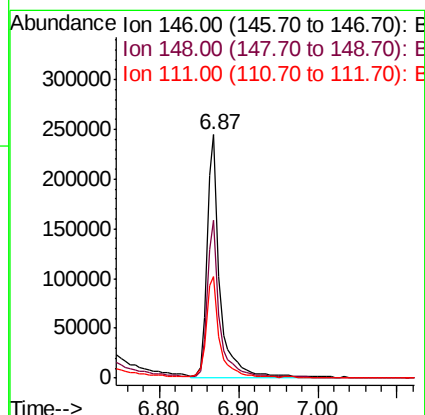
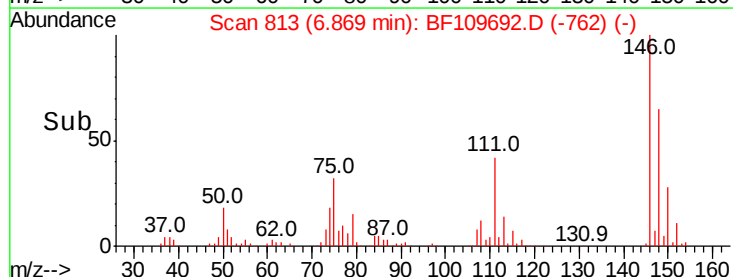
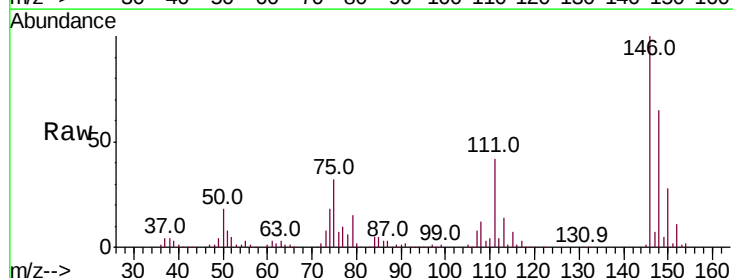
RT: 6.87 min Scan# 813

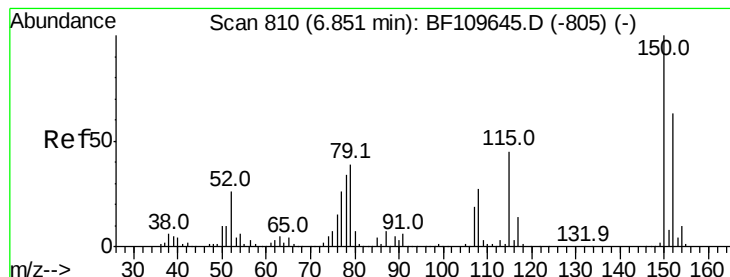
Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion:	146	Resp:	274941
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
111	41.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.384 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampled :

PB113605BS

Tot Ion: 79 Resp: 212879

Ion Ratio Lower Upper

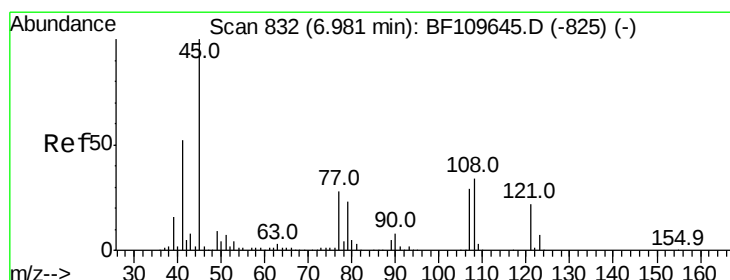
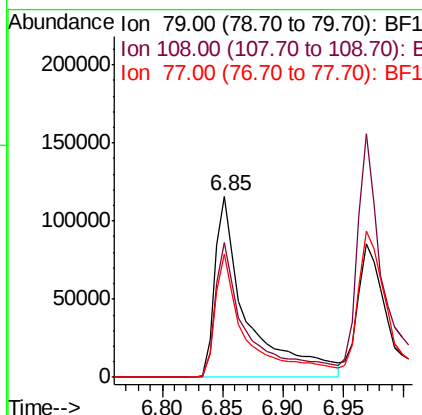
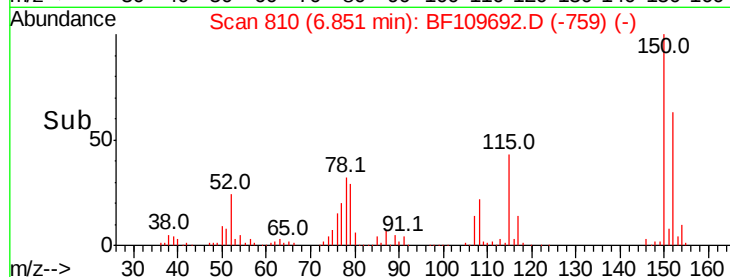
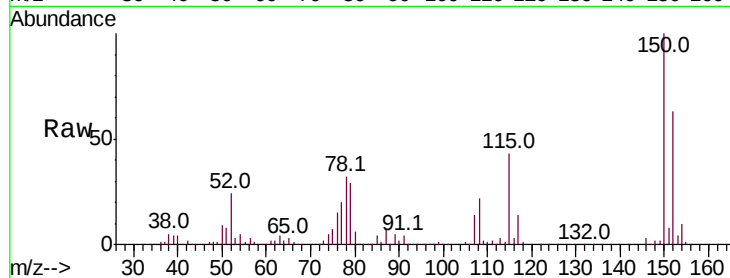
79 100

108 74.2 56.3 84.5

77 67.6 52.9 79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.717 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

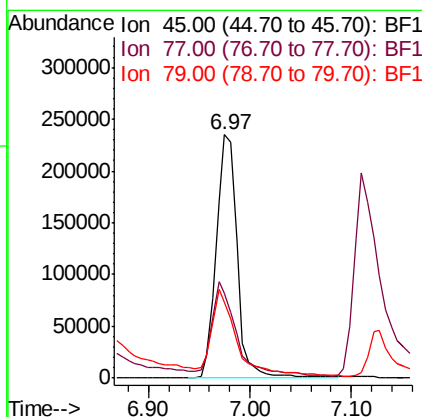
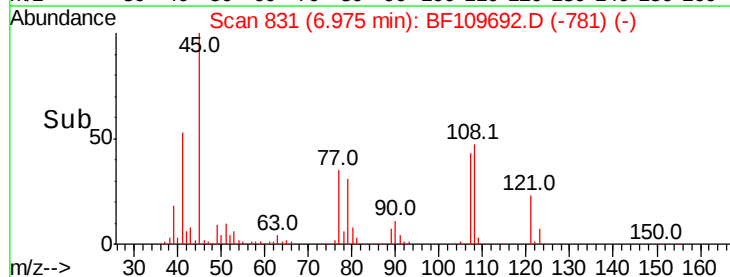
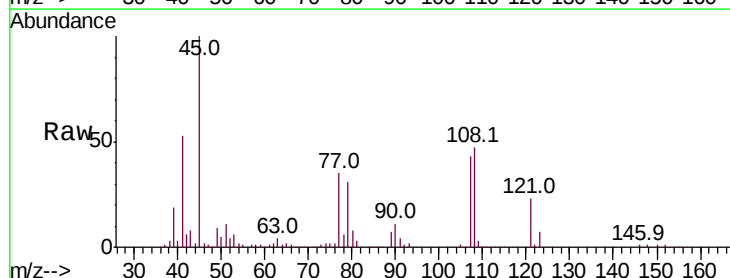
Tgt Ion: 45 Resp: 339184

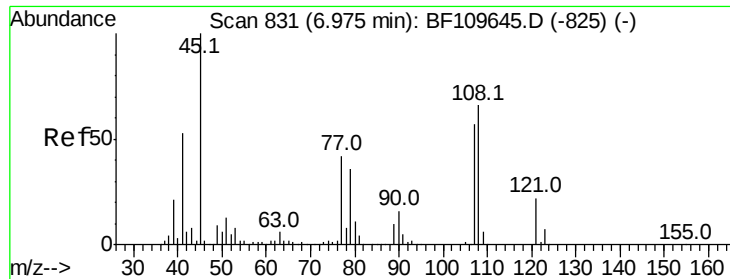
Ion Ratio Lower Upper

45 100

77 35.0 10.0 50.0

79 31.4 6.1 46.1





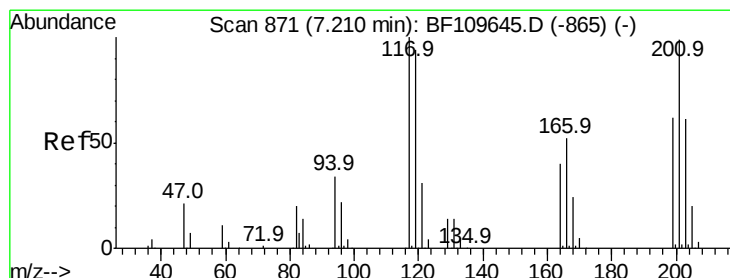
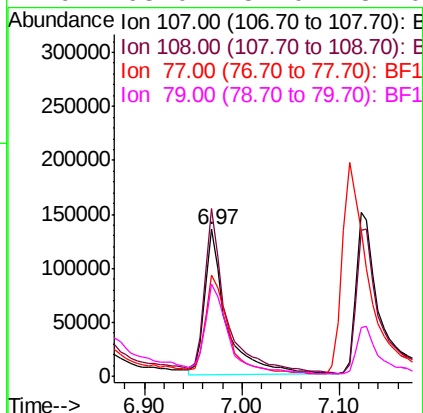
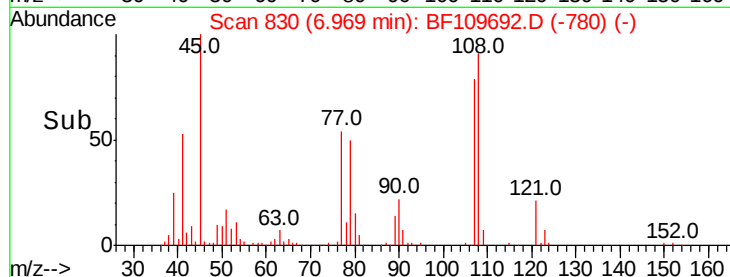
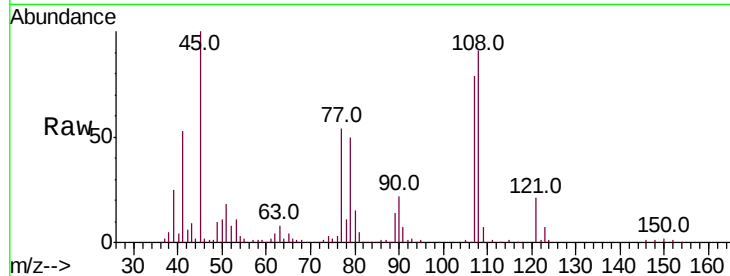
#17
2-Methylphenol
Concen: 42.258 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.6	138.8
77	68.6	59.4	89.2
79	63.0	54.0	81.0

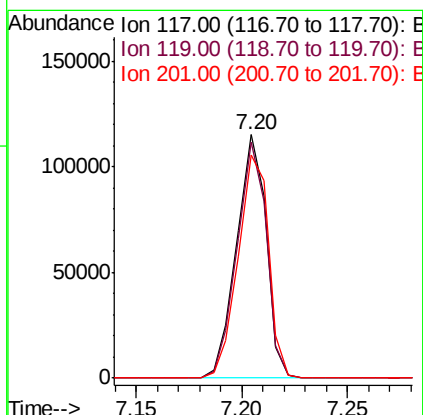
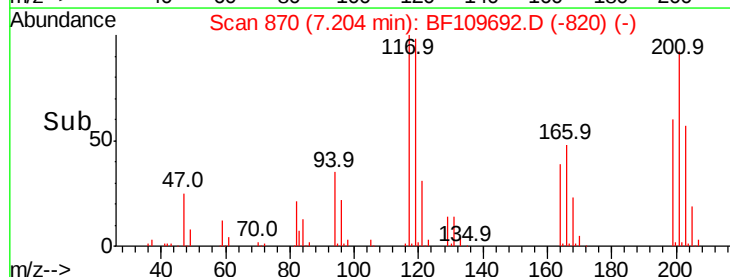
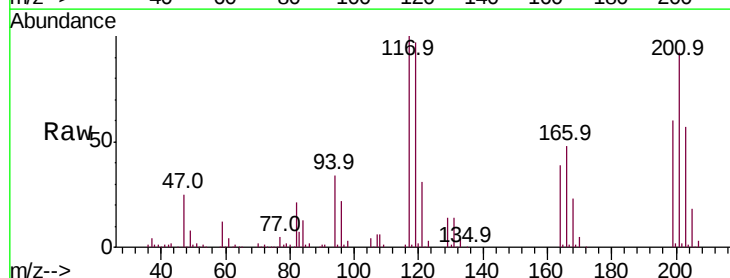
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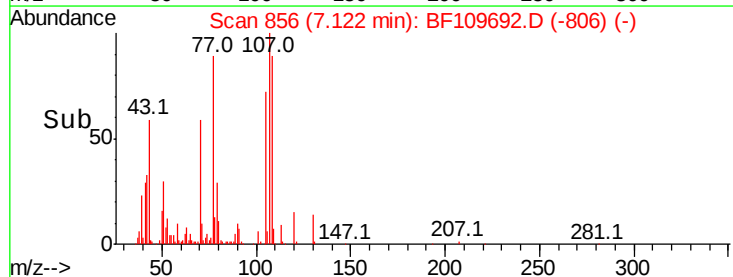
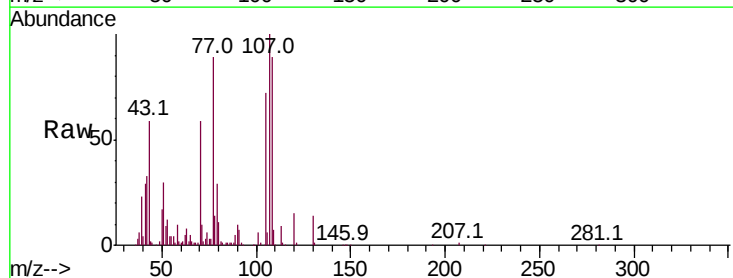
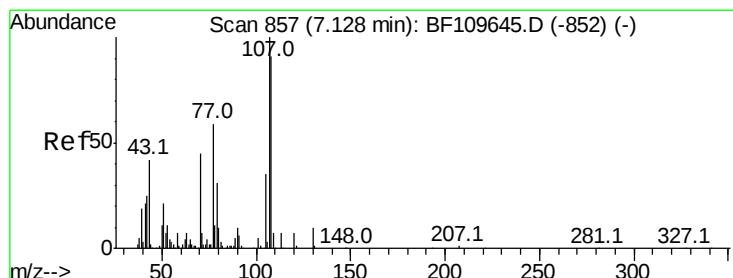
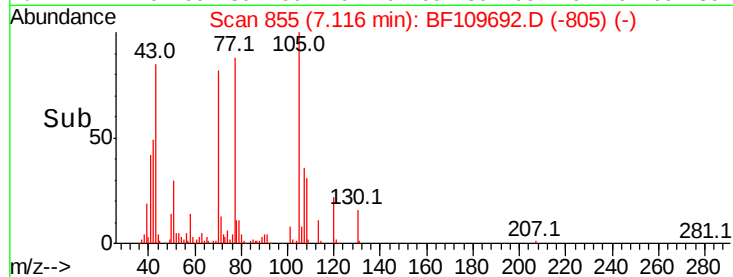
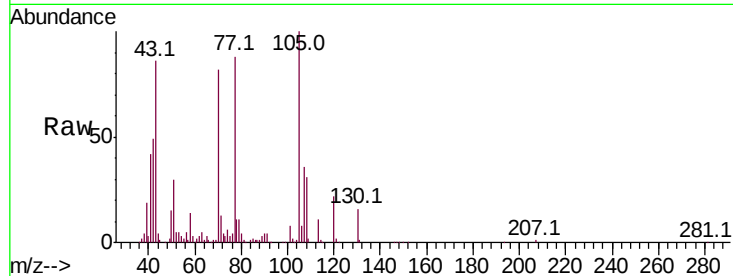
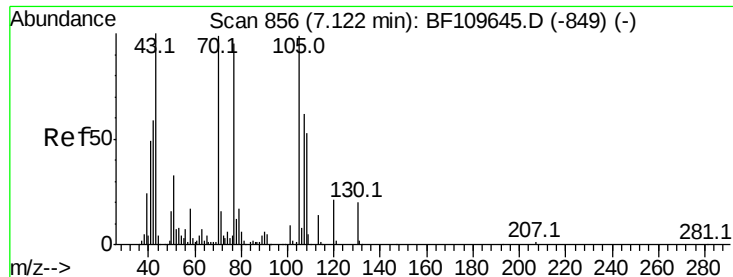
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#18
Hexachloroethane
Concen: 40.648 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.0	112.6
201	91.6	79.2	118.8





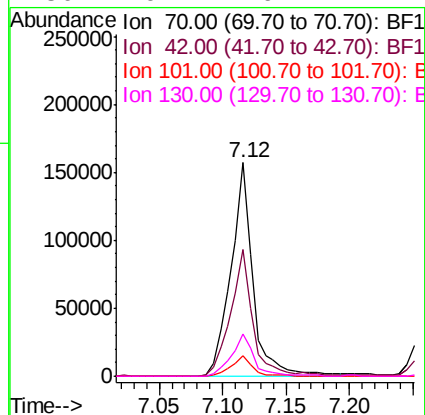
#19
n-Nitroso-di-n-propylamine
Concen: 39.995 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	59.3		47.4	71.2
101	9.6		7.3	10.9
130	19.7		16.2	24.2

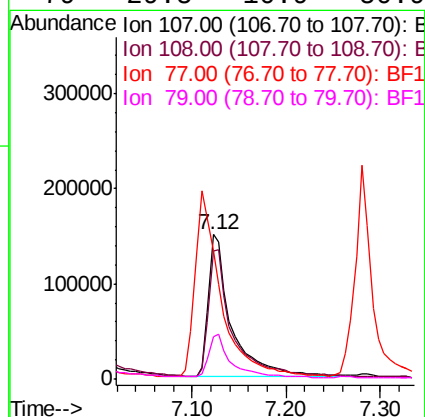
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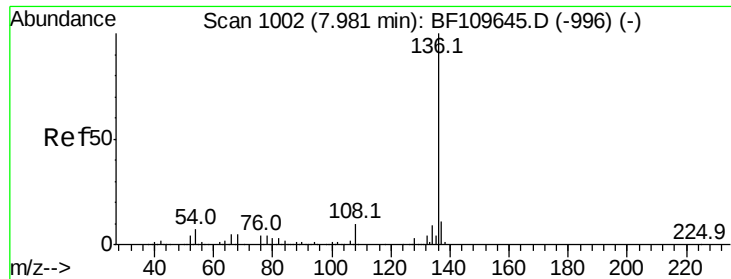
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#20
3+4-Methylphenols
Concen: 42.383 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.8		71.4	111.4
77	88.8		47.3	87.3
79	29.5		10.9	50.9





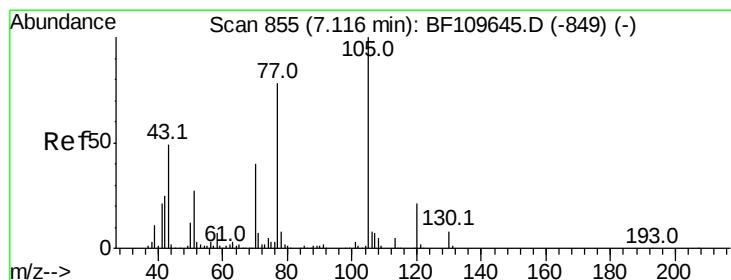
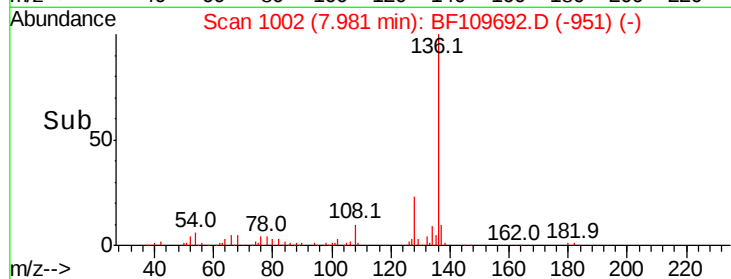
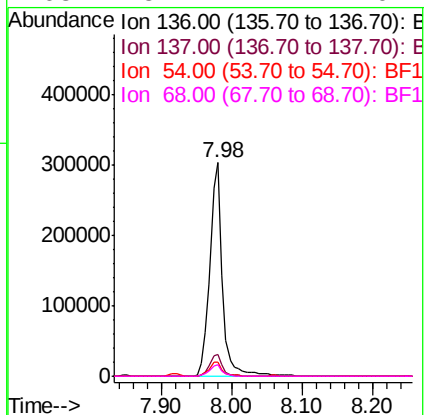
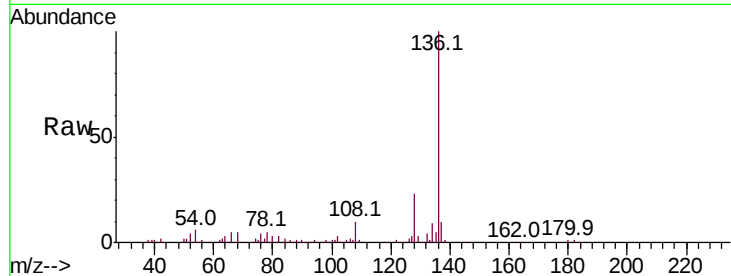
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	379881		
137	10.4		8.8	13.2
54	6.5		5.4	8.2
68	5.1		4.2	6.2

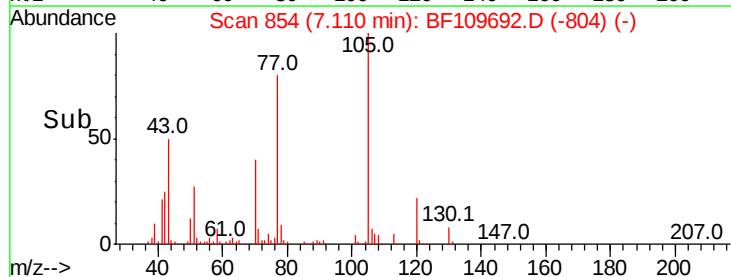
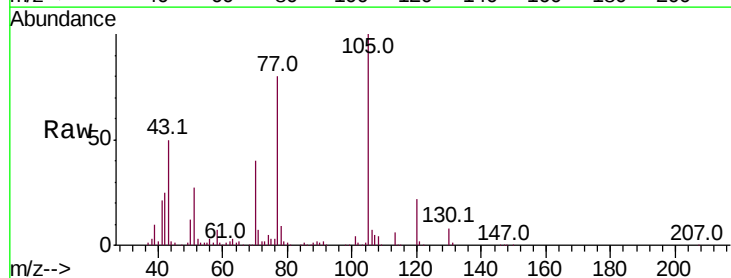
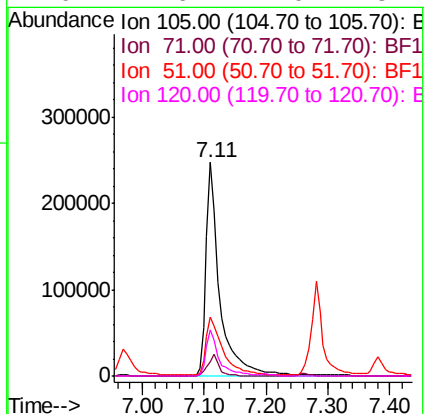
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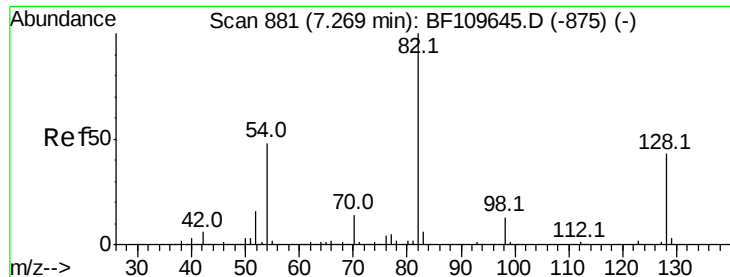
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#22
Acetophenone
Concen: 42.354 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	389079		
71	6.7		5.2	7.8
51	27.4		21.8	32.8
120	21.6		17.0	25.4





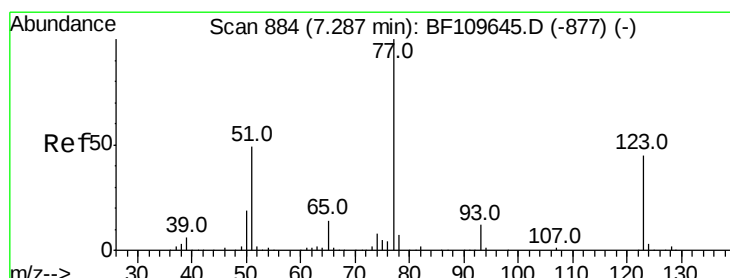
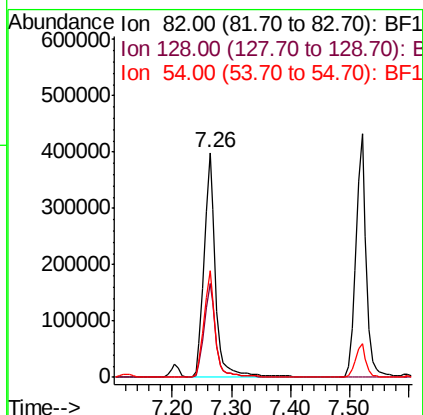
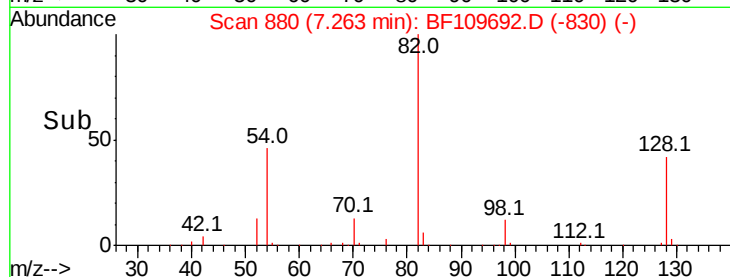
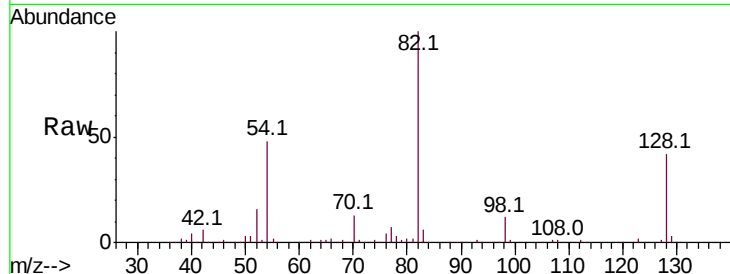
#23
Nitrobenzene-d5
Concen: 79.073 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.1	34.2	51.2	
54	47.6	38.6	58.0	

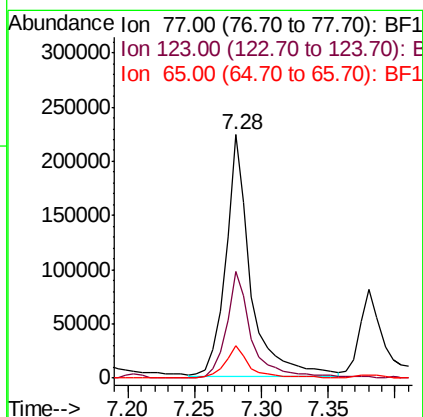
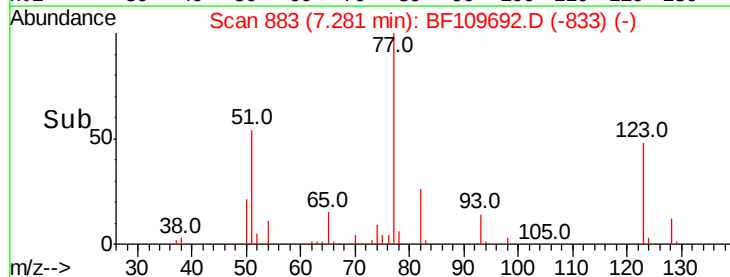
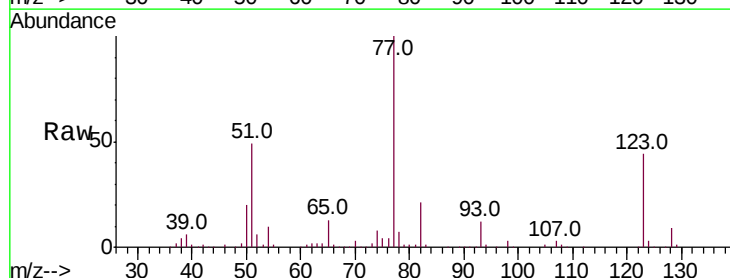
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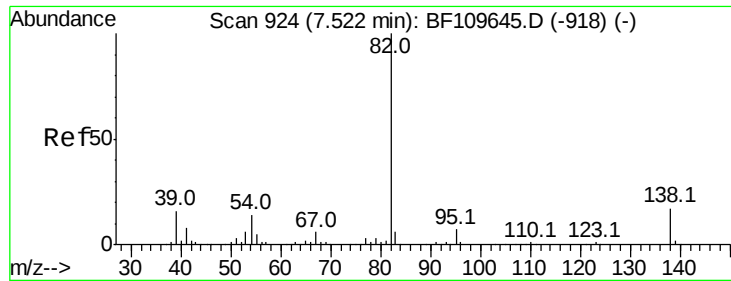
Sohil
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#24
Nitrobenzene
Concen: 40.203 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.5	35.7	53.5	
65	13.3	10.7	16.1	





#25

Isophorone

Concen: 45.584 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

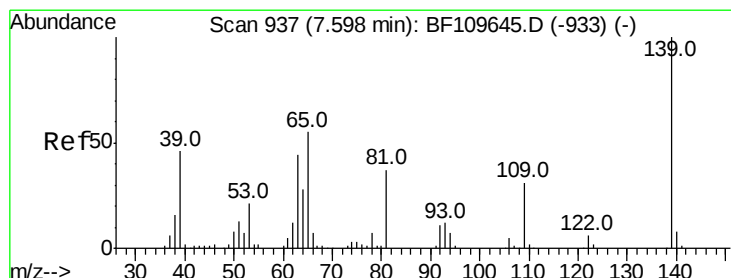
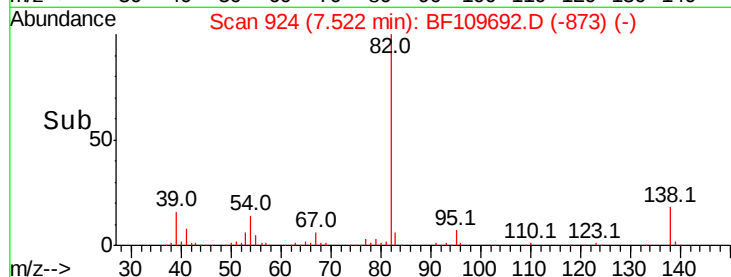
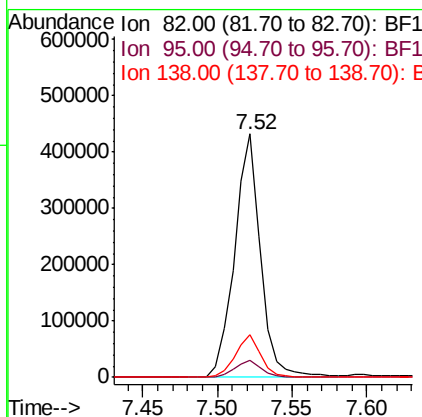
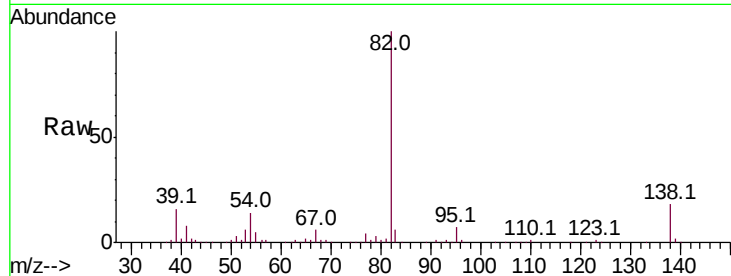
ClientSampleId :

PB113605BS

Tot Ion:	82	Resp:	521653
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	17.7	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.964 ng

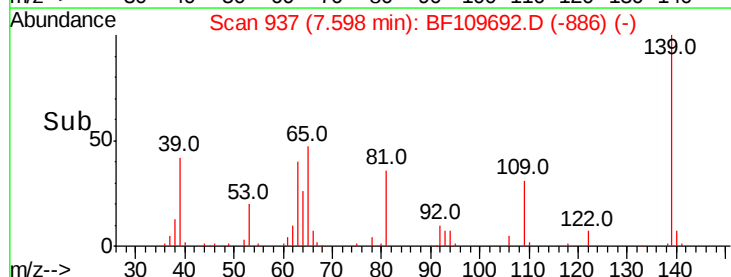
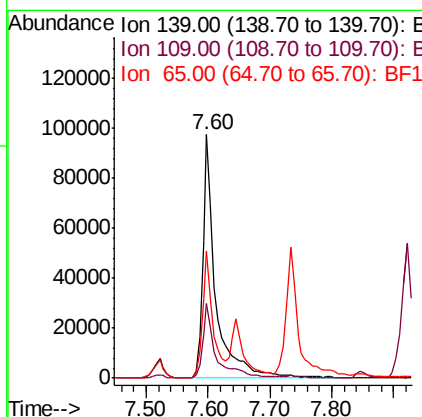
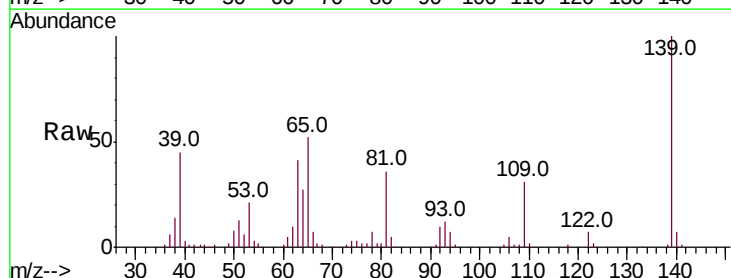
RT: 7.60 min Scan# 937

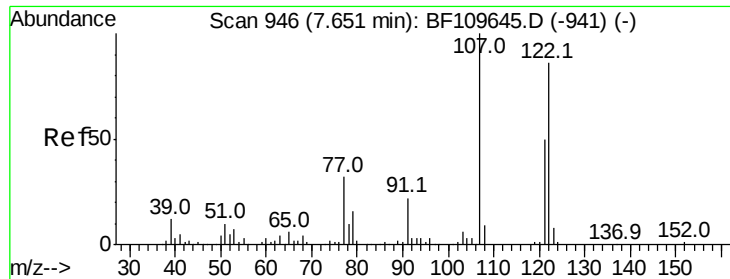
Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion:	139	Resp:	144111
Ion Ratio	Lower	Upper	
139	100		
109	30.5	25.0	37.6
65	52.1	44.0	66.0





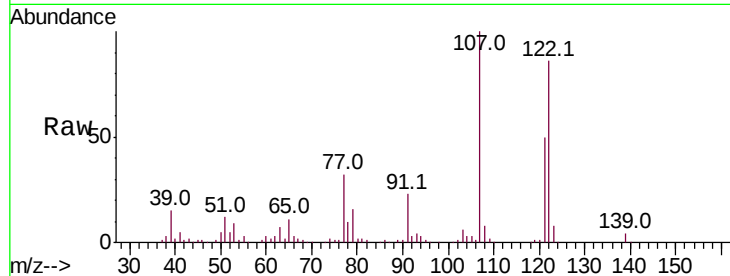
#27
2,4-Dimethylphenol
Concen: 47.968 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	232338		
107	115.9	92.5	138.7	
121	58.3	45.8	68.8	

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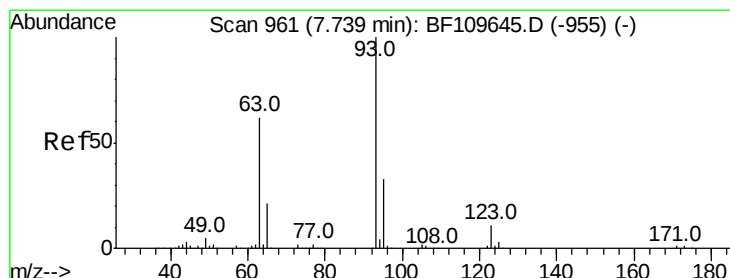
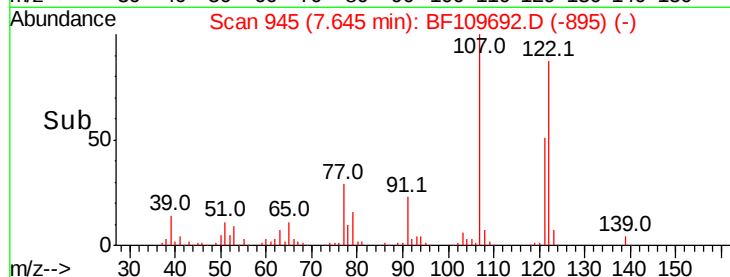
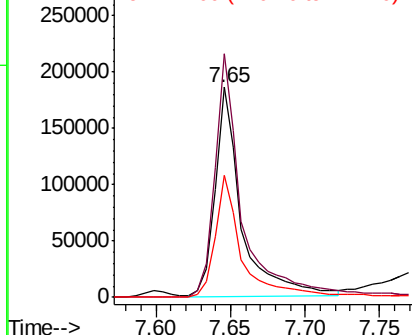


Abundance

Ion 122.00 (121.70 to 122.70): E

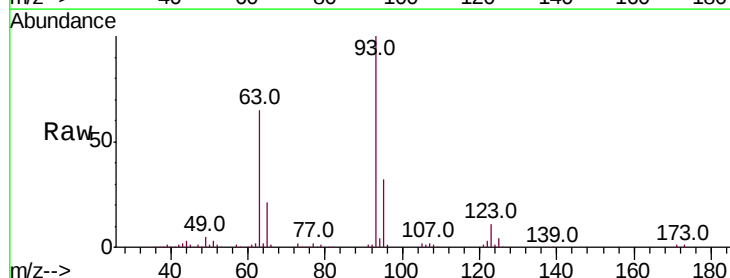
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.819 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	331446		
95	32.2	26.4	39.6	
123	10.7	9.0	13.6	

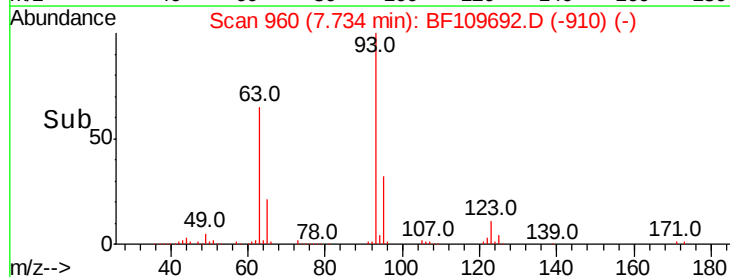
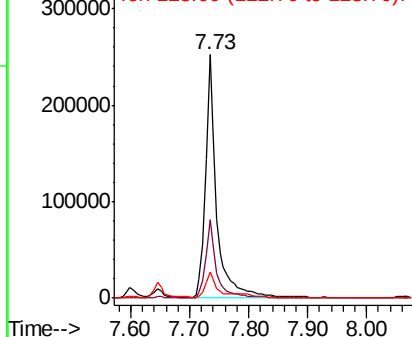


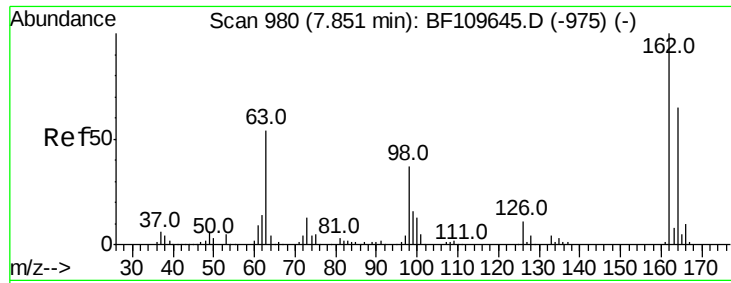
Abundance

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





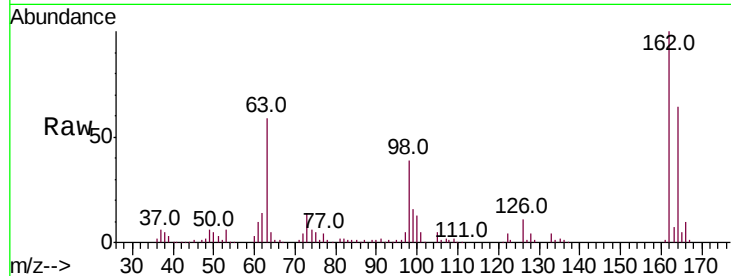
#29
 2,4-Dichlorophenol
 Concen: 42.691 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

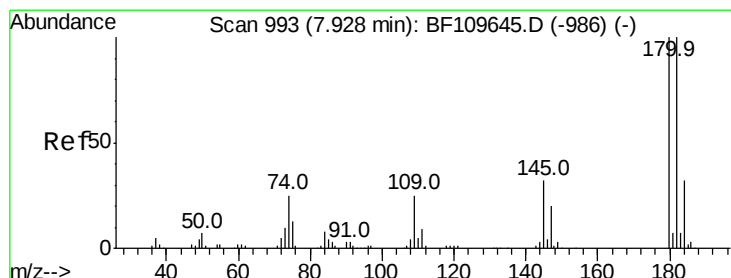
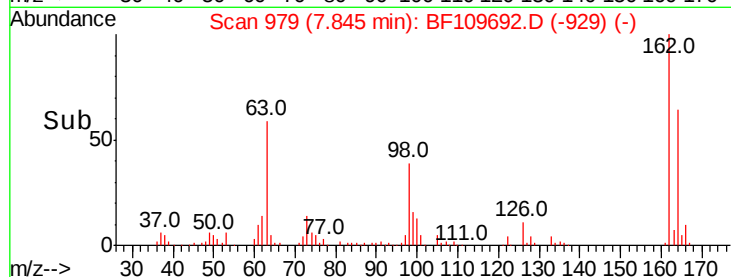
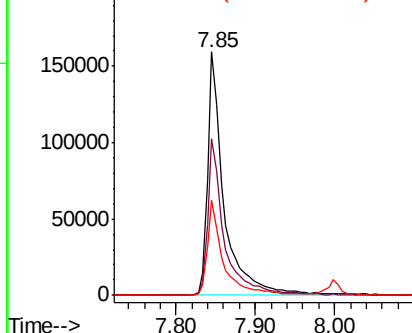
Tot Ion:	162	Resp:	231939
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.6	84.6
98	39.0	17.4	57.4

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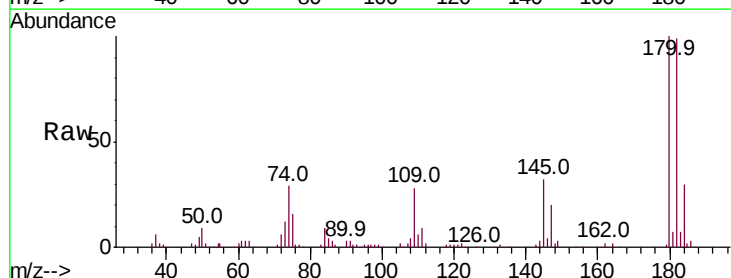


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

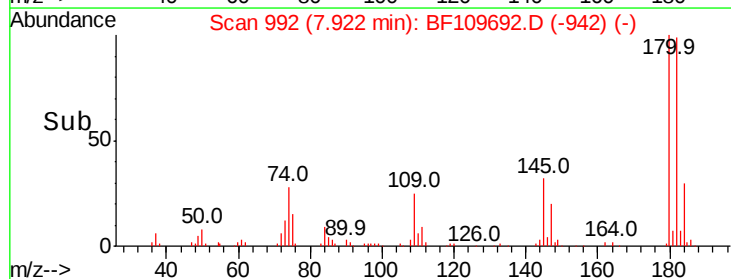
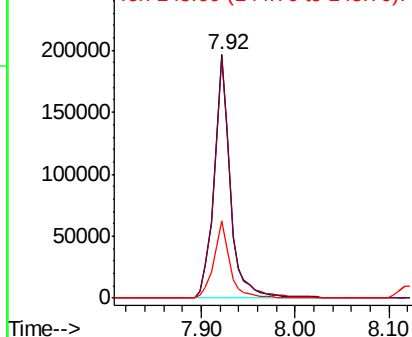


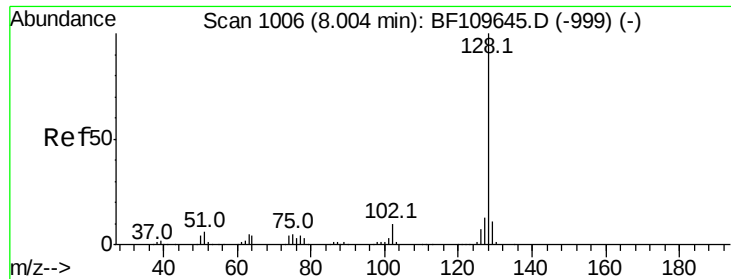
#30
 1,2,4-Trichlorobenzene
 Concen: 40.152 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:	180	Resp:	241490
Ion Ratio	Lower	Upper	
180	100		
182	98.9	80.3	120.5
145	31.9	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





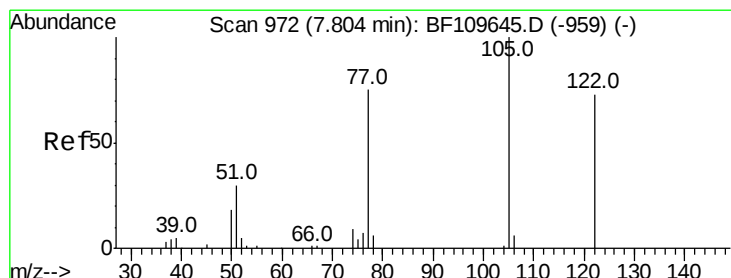
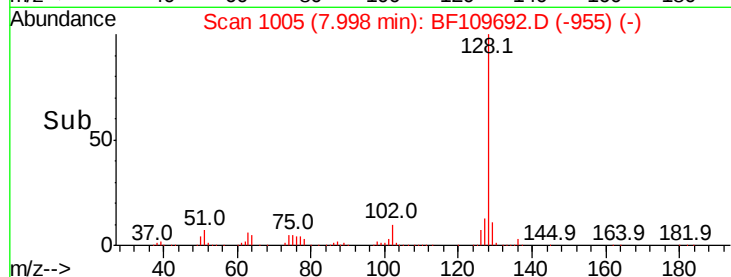
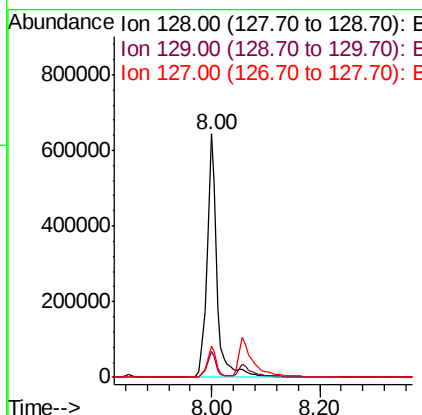
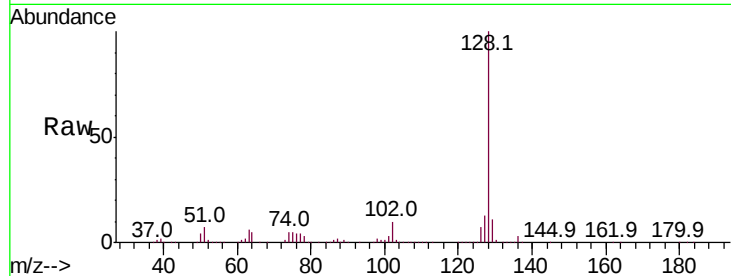
#31
Naphthalene
Concen: 46.549 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.8	16.2

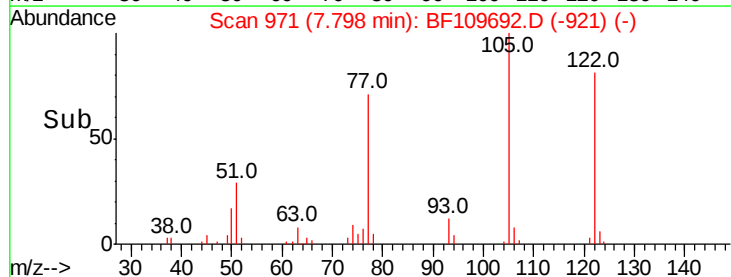
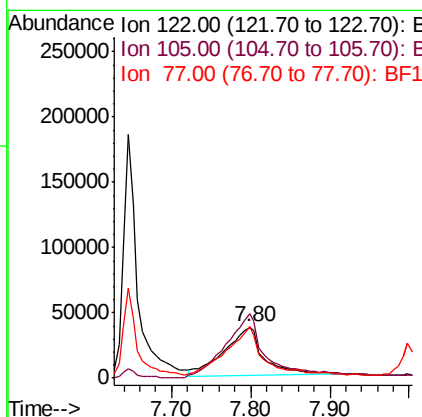
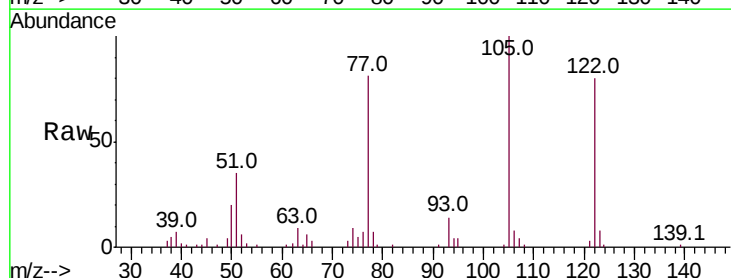
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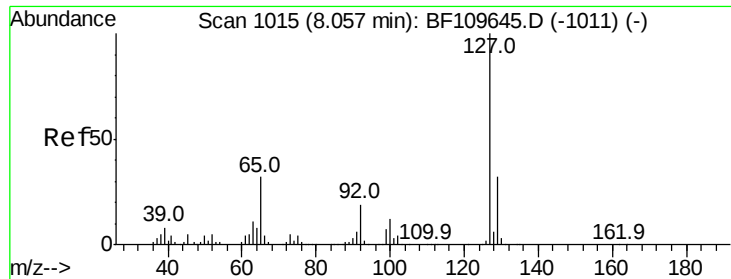
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#32
Benzoic acid
Concen: 36.451 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	109.0	149.0
77	101.7	79.0	119.0





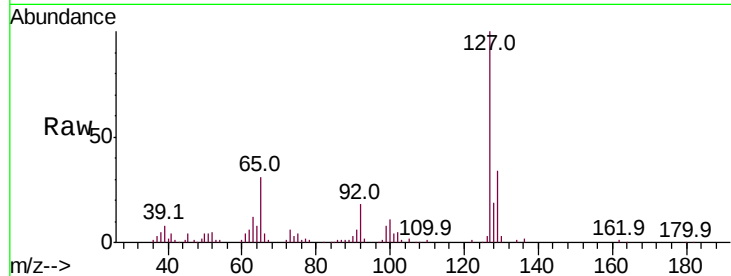
#33
4-Chloroaniline
Concen: 25.661 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.9	26.0	39.0	
65	30.6	25.1	37.7	
92	18.4	15.0	22.6	

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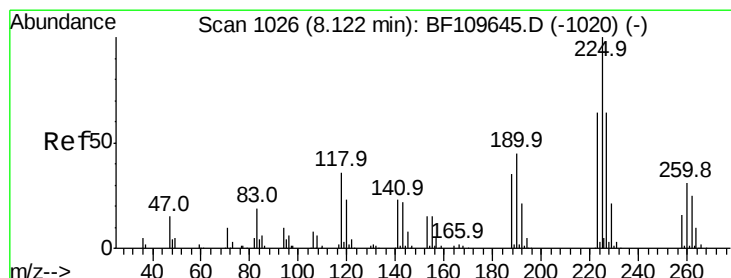
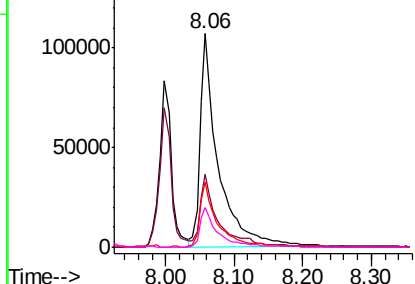
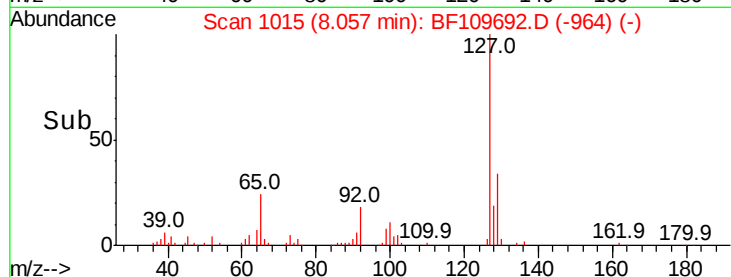
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

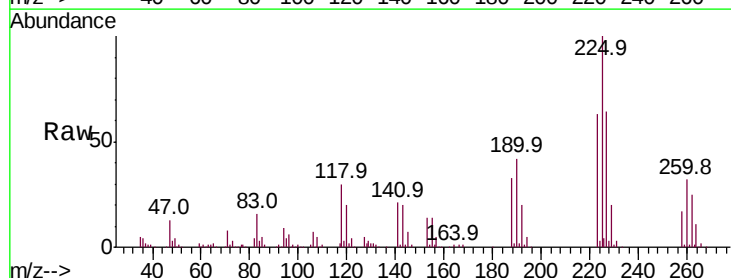
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.495 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	51.4	77.2	
227	64.3	51.0	76.6	

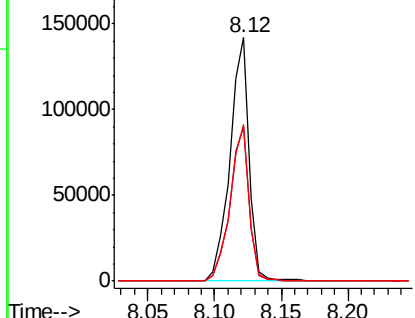
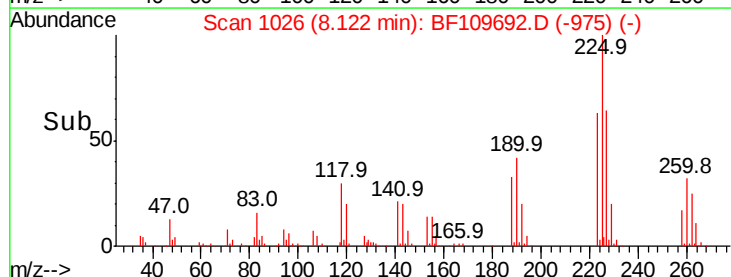


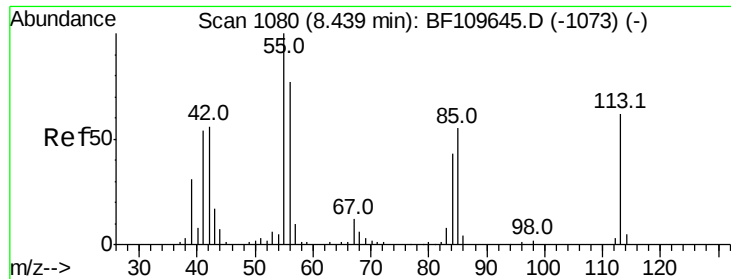
Abundance

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





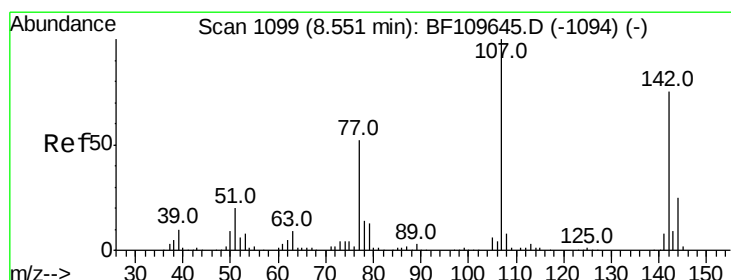
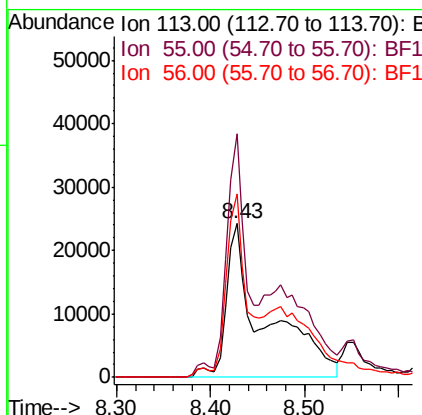
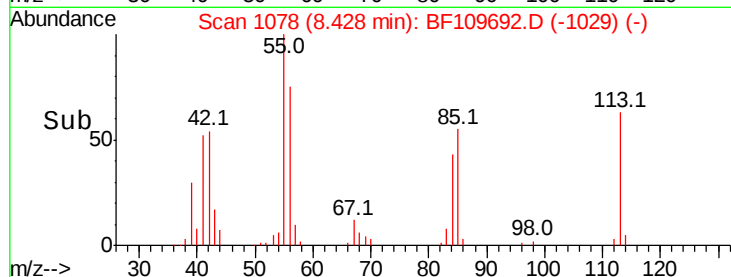
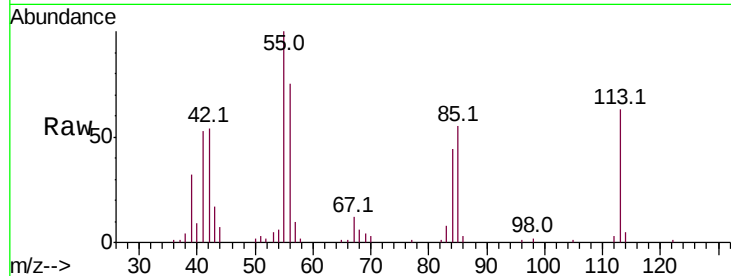
#35
 Caprolactam
 Concen: 42.109 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleID :
 PB113605BS

Tot Ion:113 Resp: 68323
 Ion Ratio Lower Upper
 113 100
 55 158.6 142.8 182.8
 56 119.2 105.0 145.0

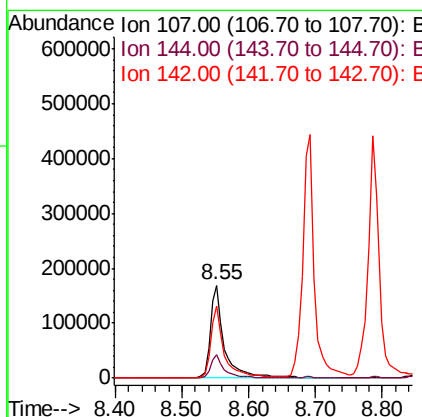
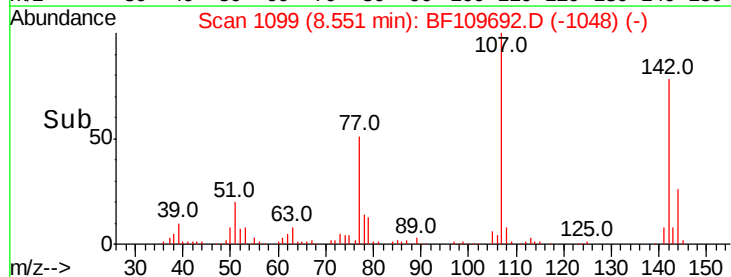
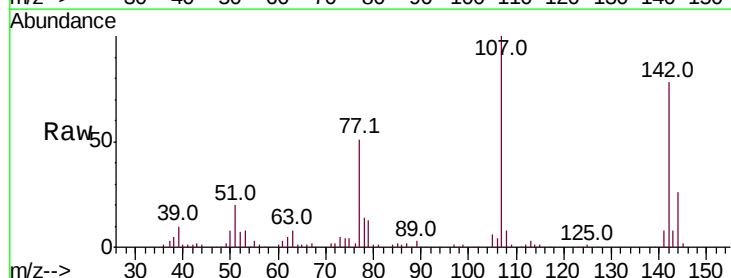
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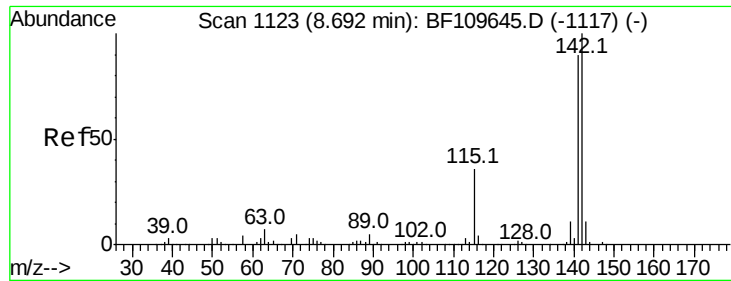
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#36
 4-Chloro-3-methylphenol
 Concen: 43.781 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion:107 Resp: 251083
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 77.8 59.7 89.5





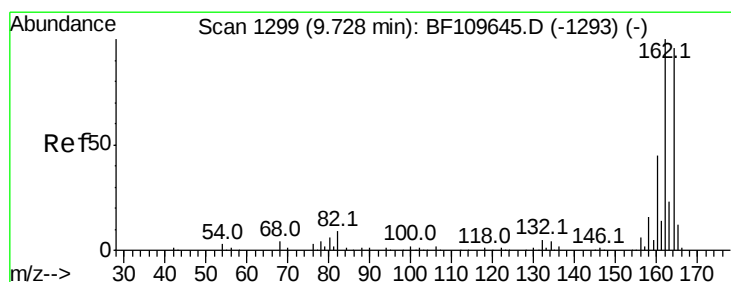
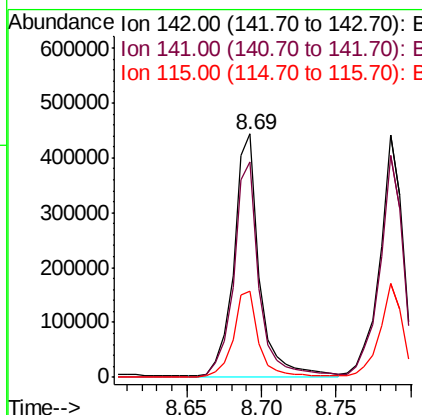
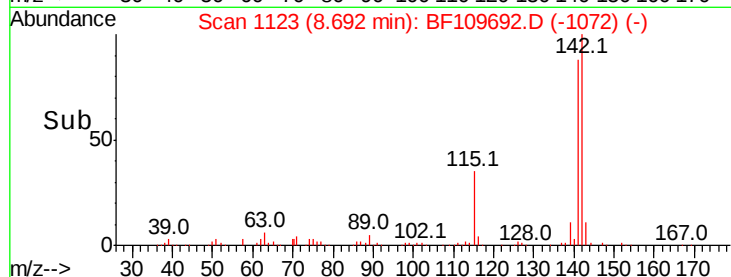
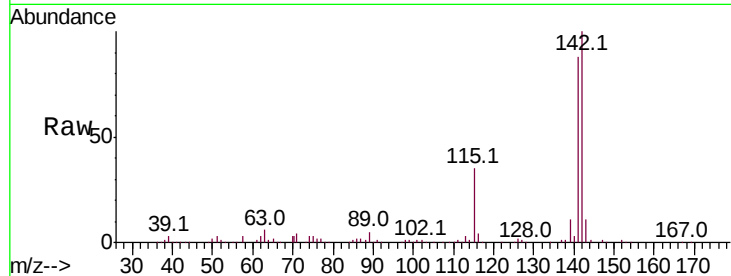
#37
2-Methylnaphthalene
Concen: 46.561 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	35.4	28.7	43.1

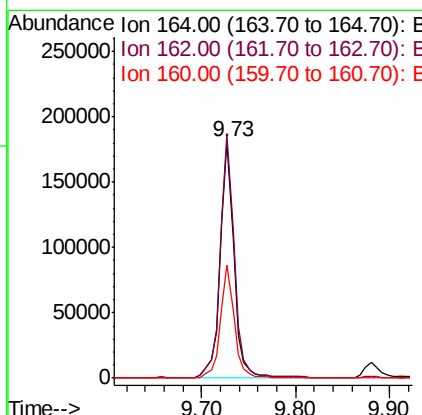
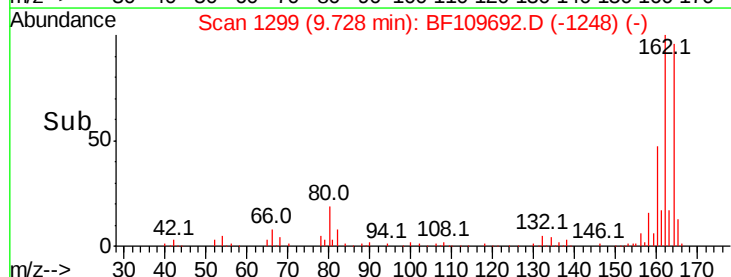
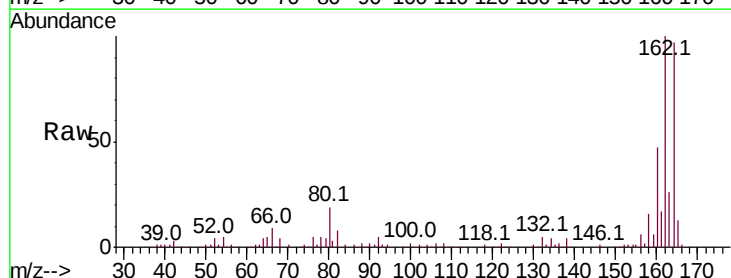
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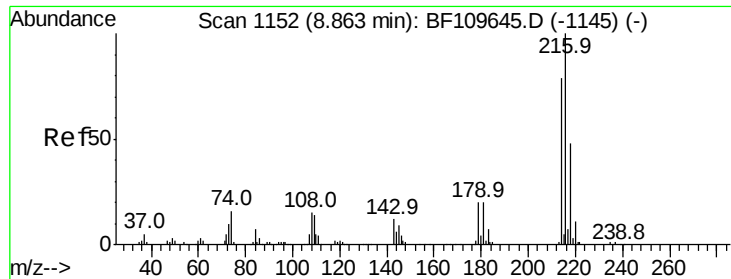
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	48.0	37.0	55.6





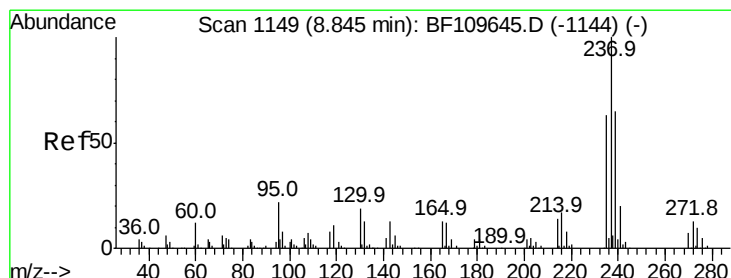
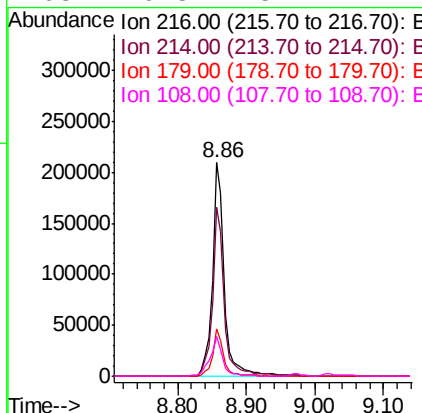
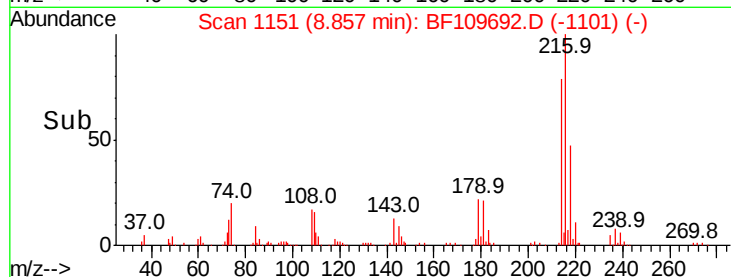
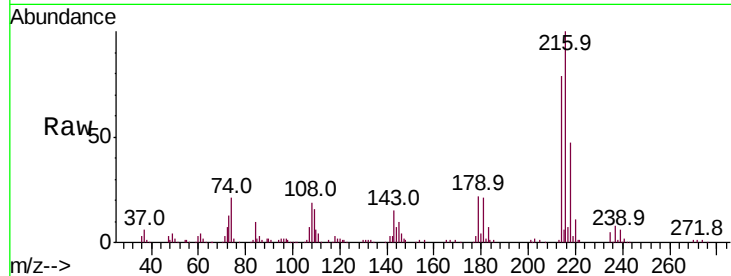
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.663 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	248641		
214	78.6	63.8	95.6	
179	20.7	16.6	25.0	
108	20.8	15.1	22.7	

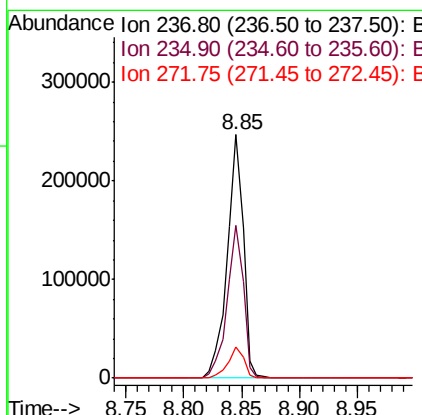
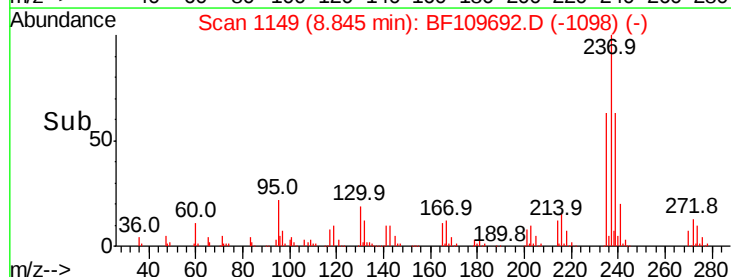
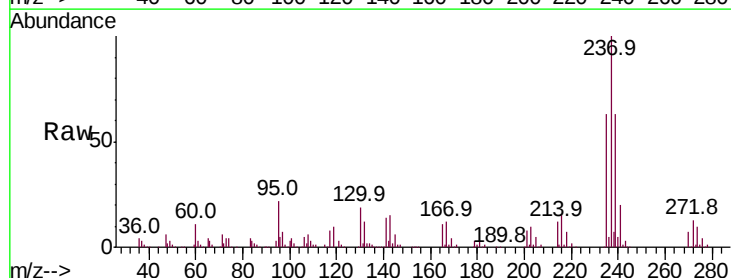
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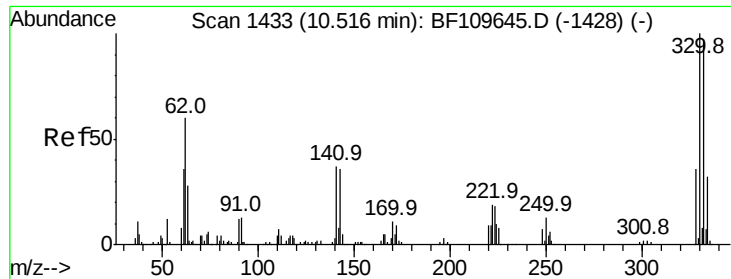
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#40
 Hexachlorocyclopentadiene
 Concen: 84.695 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	239800		
235	62.8	43.1	83.1	
272	12.7	0.0	32.6	





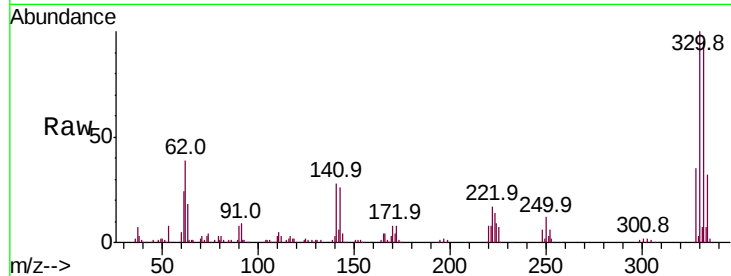
#41
 2,4,6-Tribromophenol
 Concen: 125.573 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampled :
 PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	258493		
332	95.1	77.1	115.7	
141	33.4	27.0	40.4	

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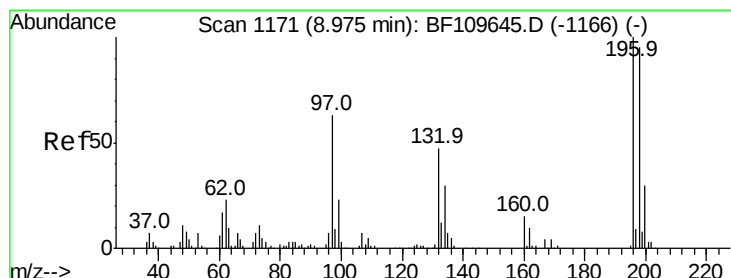
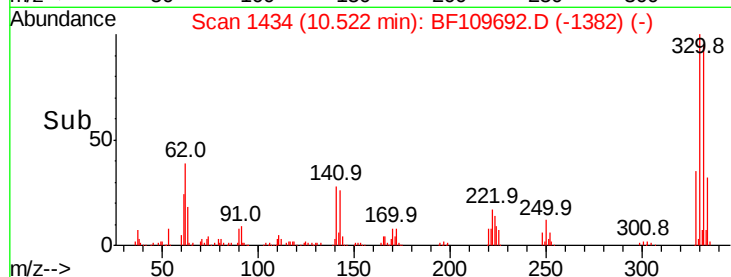
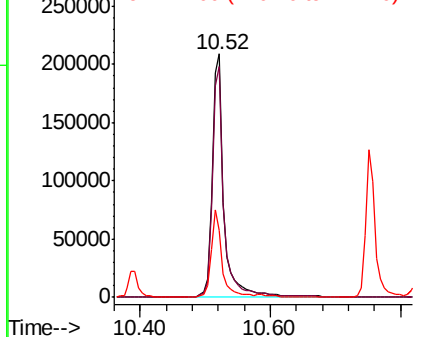


Abundance

Ion 329.80 (329.50 to 330.50): E

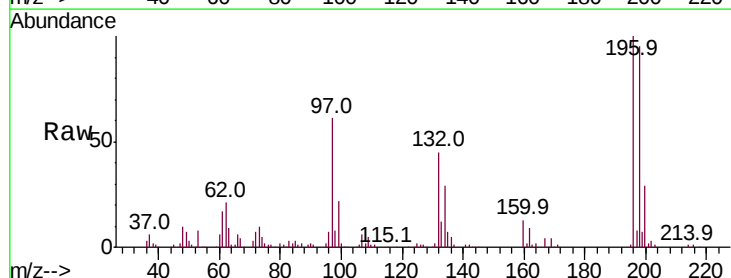
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.424 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155405		
198	94.5	76.2	114.4	
200	29.2	24.4	36.6	

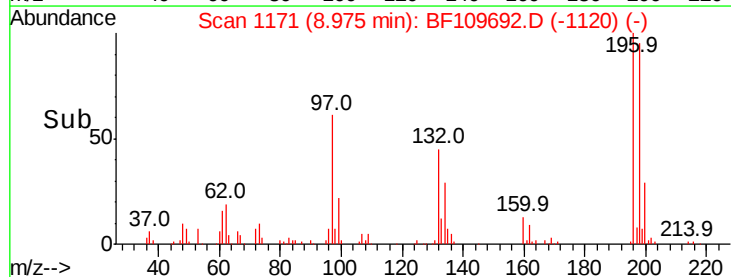
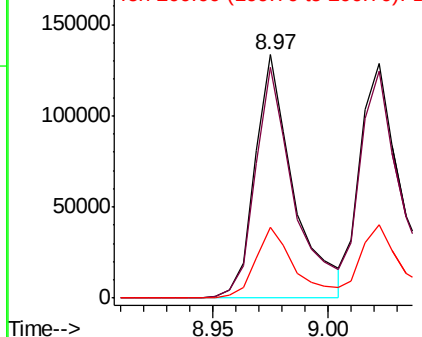


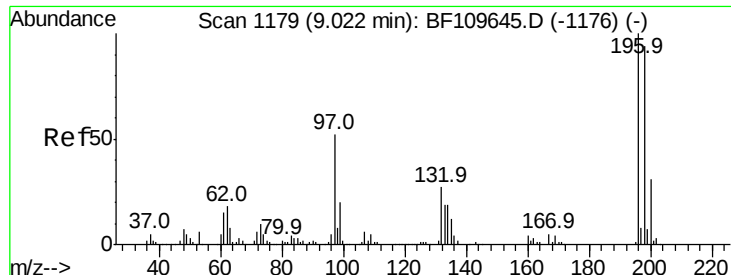
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





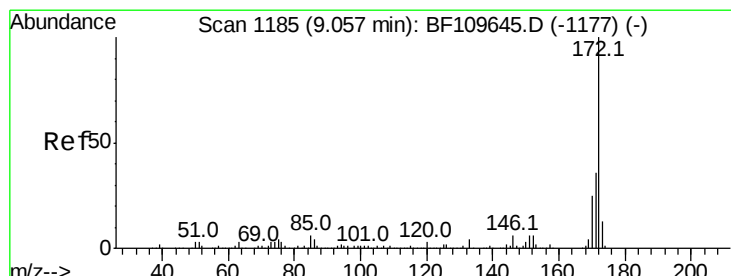
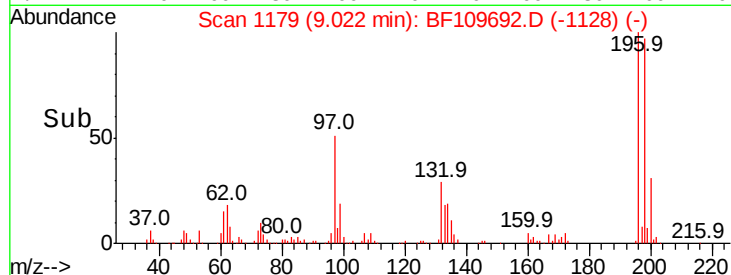
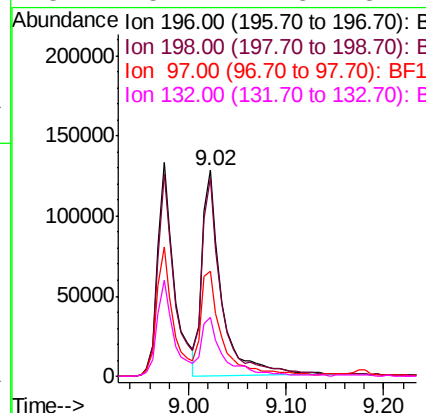
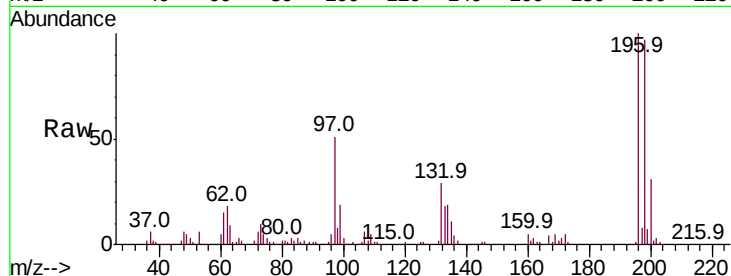
#43
 2,4,5-Trichlorophenol
 Concen: 40.208 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampled :
 PB113605BS

Tot Ion	196	Resp	177731
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.8	113.6
97	51.2	42.4	63.6
132	28.7	22.8	34.2

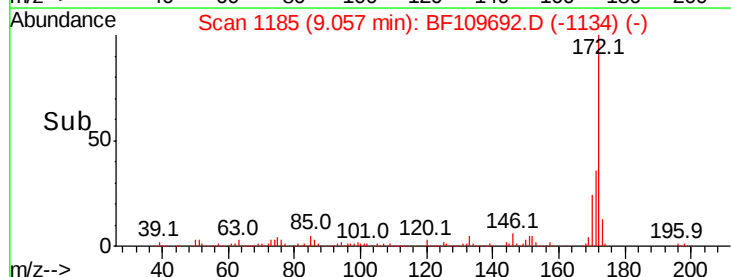
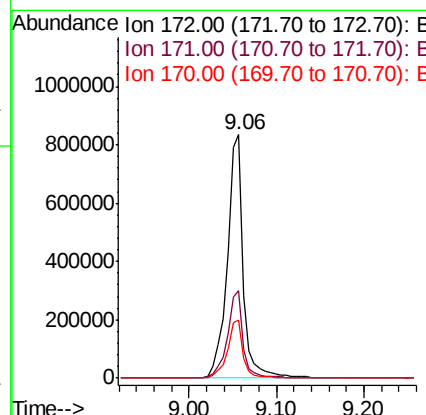
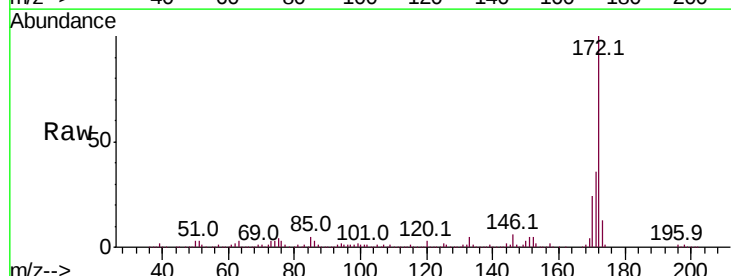
Manual Integrations
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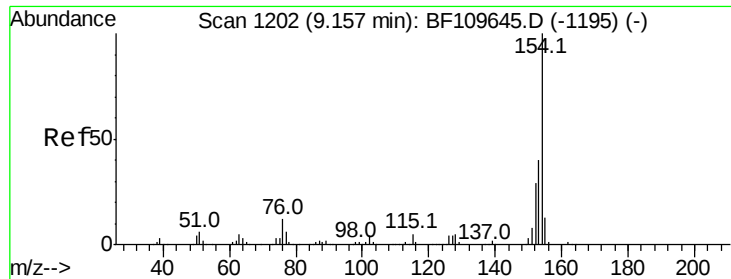
Sohil
 10/10/2018 11:36:57 AM



#44
 2-Fluorobiphenyl
 Concen: 77.111 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	172	Resp	1057751
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	24.0	19.7	29.5





#45

1,1'-Biphenyl

Concen: 38.505 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

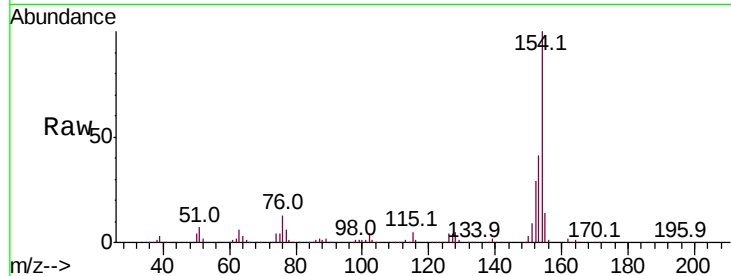
ClientSampleId :

PB113605BS

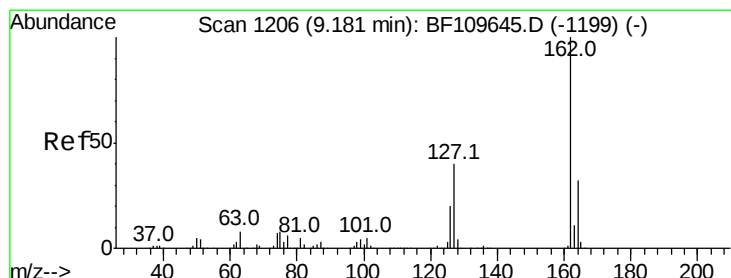
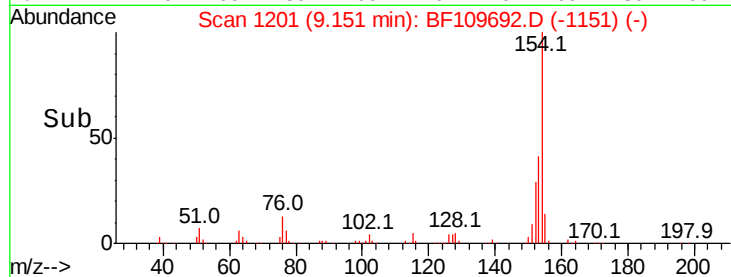
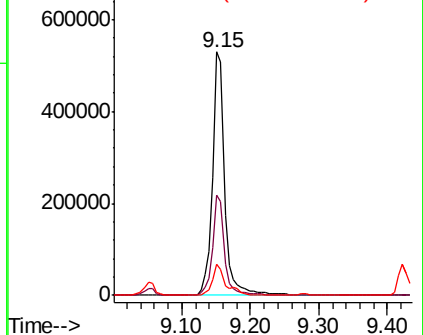
Tot Ion:	154	Resp:	649870
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.4	60.4
76	13.0	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.694 ng

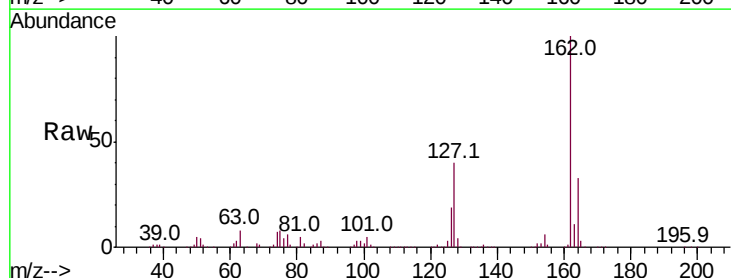
RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

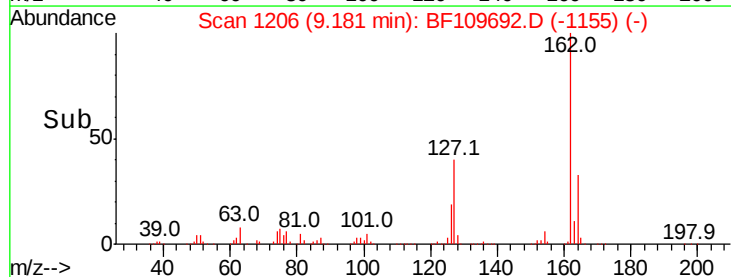
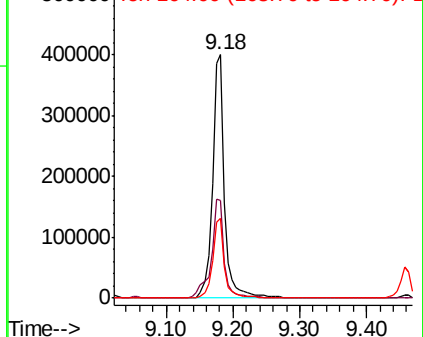
Lab File: BF109692.D

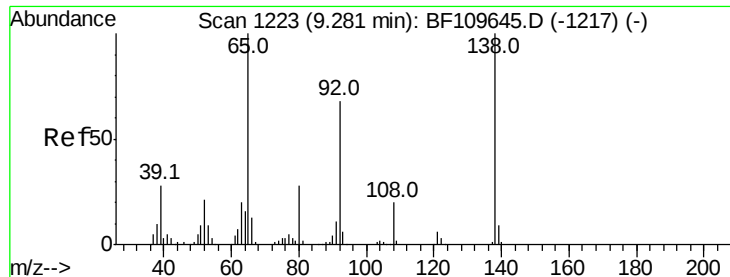
Acq: 9 Oct 2018 13:55

Tgt Ion:	162	Resp:	501900
Ion Ratio	Lower	Upper	
162	100		
127	40.0	32.6	48.8
164	32.9	25.9	38.9



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





#47

2-Nitroaniline

Concen: 40.810 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

PB113605BS

Tot Ion: 65 Resp: 156245

Ion Ratio Lower Upper

65 100

92 72.9 54.6 81.8

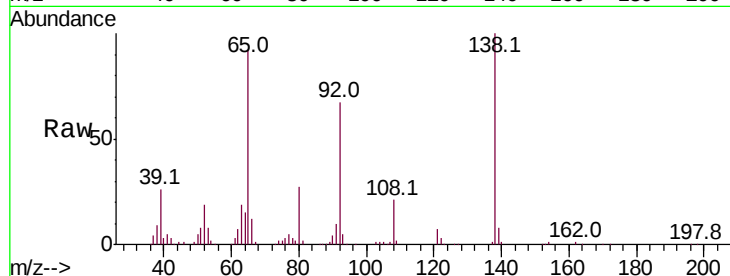
138 108.5 80.3 120.5

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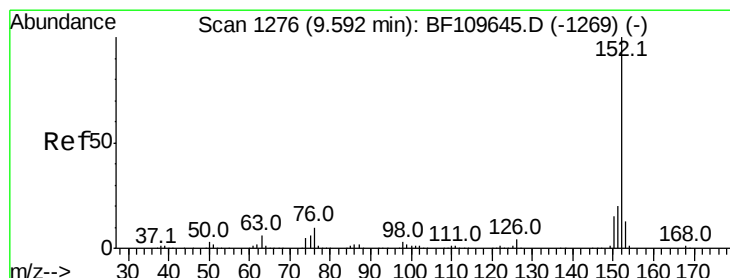
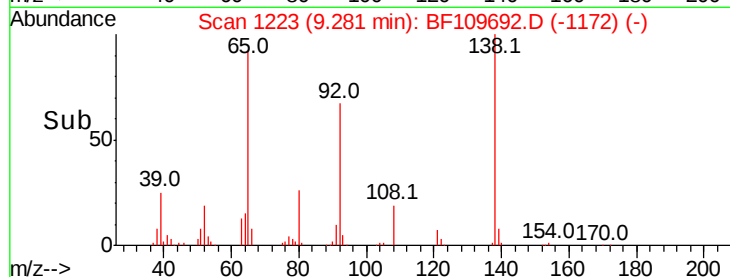
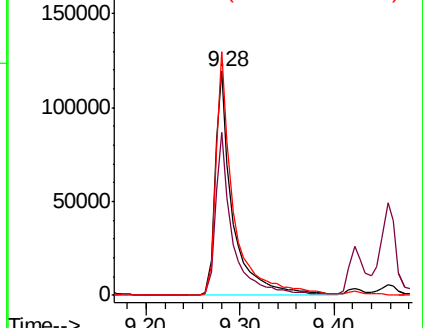
10/10/2018 11:36:57 AM



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 43.041 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

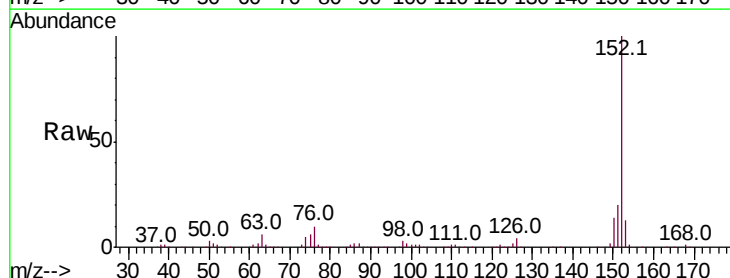
Tgt Ion: 152 Resp: 793414

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

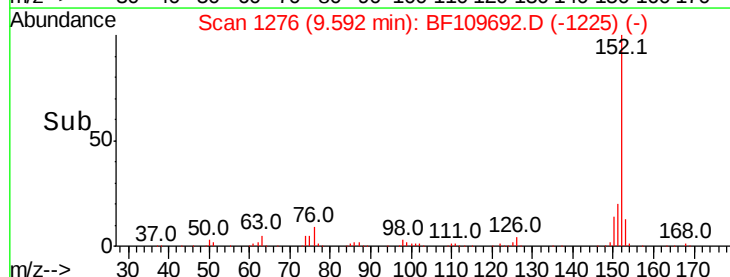
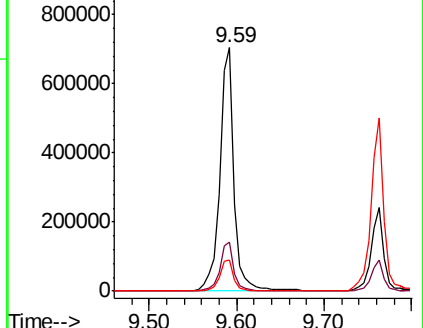
153 12.6 10.4 15.6

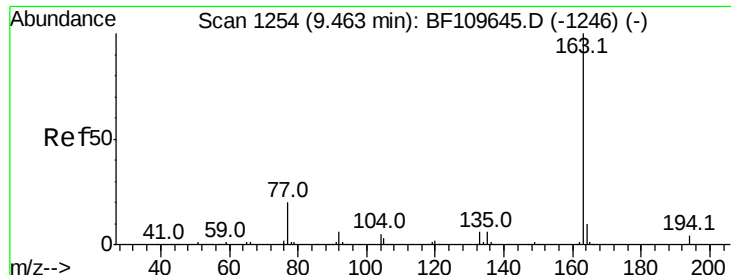


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





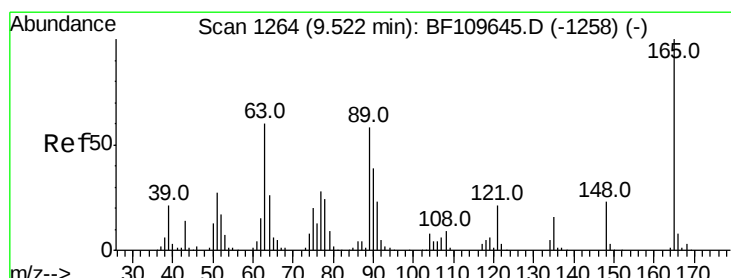
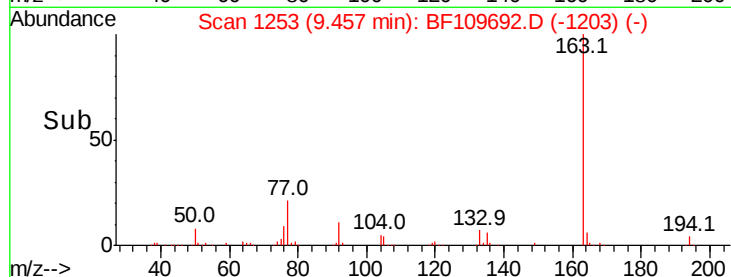
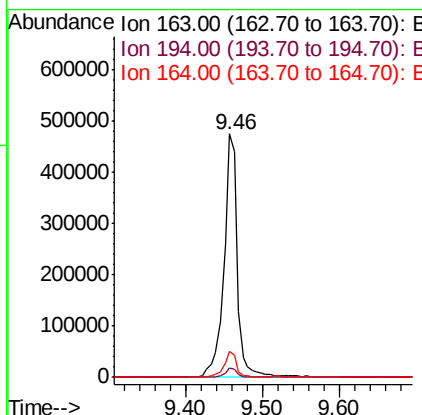
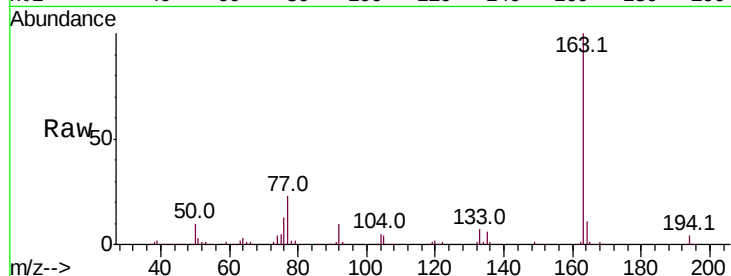
#49
Dimethylphthalate
Concen: 41.742 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	578366		
194	3.8		3.2	4.8
164	10.6		8.1	12.1

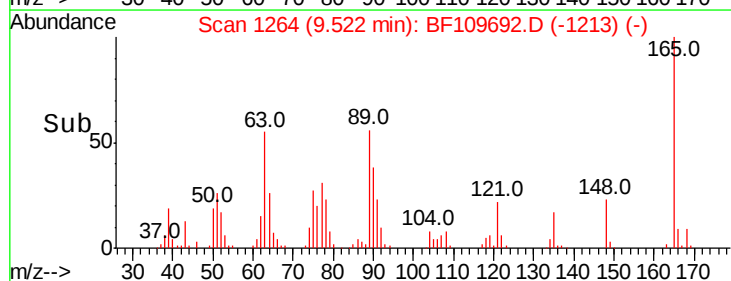
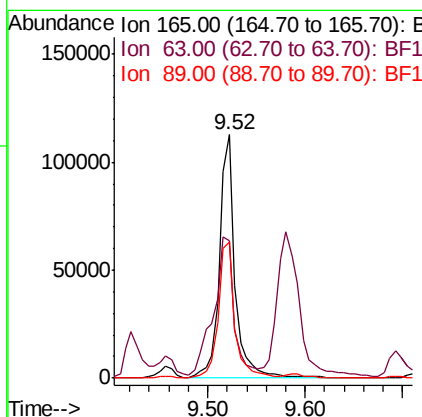
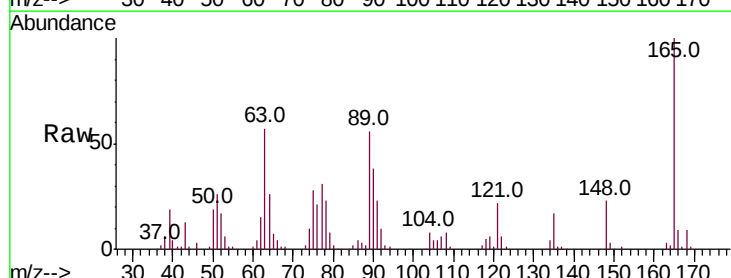
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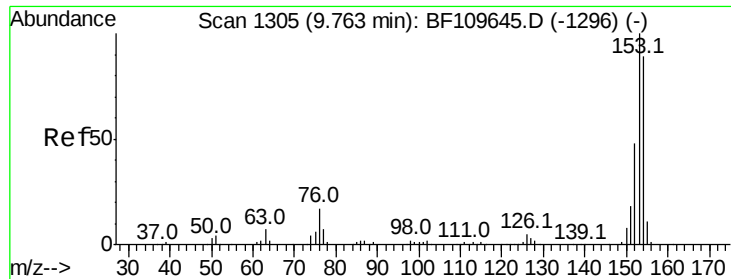
Sohil
10/10/2018 11:36:57 AM



#50
2,6-Dinitrotoluene
Concen: 41.803 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125553		
63	56.6		48.9	73.3
89	55.8		46.6	69.8





#51

Acenaphthene

Concen: 40.325 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

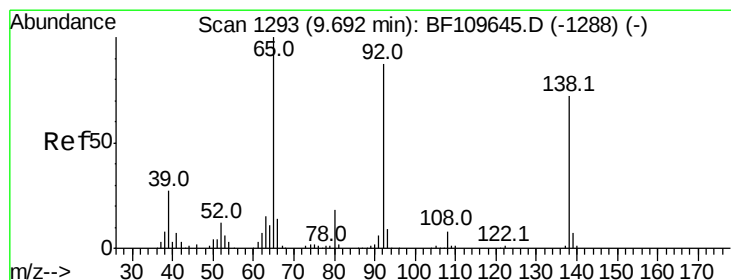
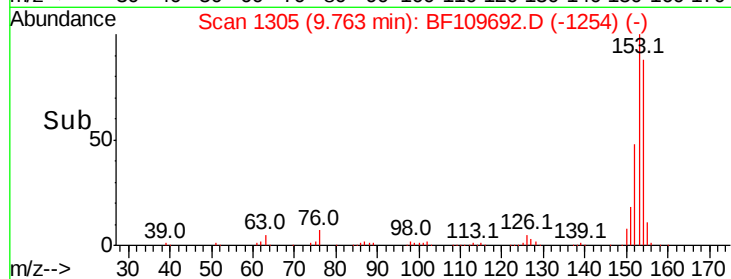
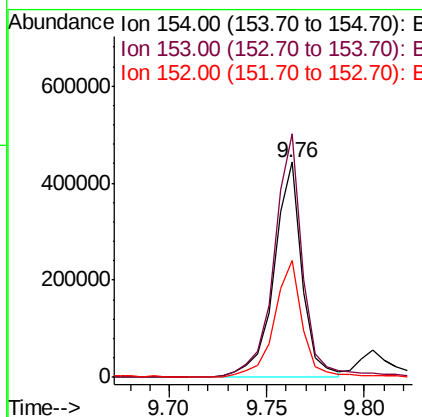
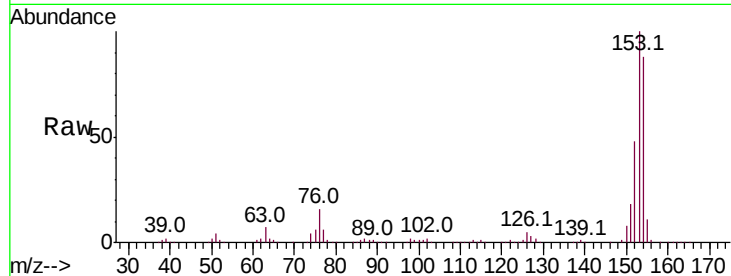
ClientSampleId :

PB113605BS

Tot Ion:	154	Resp:	440656
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.1	135.1
152	54.2	43.4	65.2

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#52

3-Nitroaniline

Concen: 27.927 ng

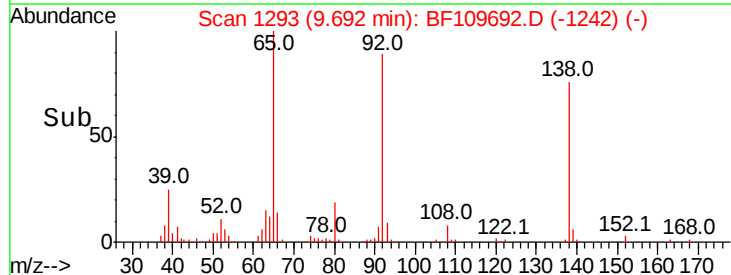
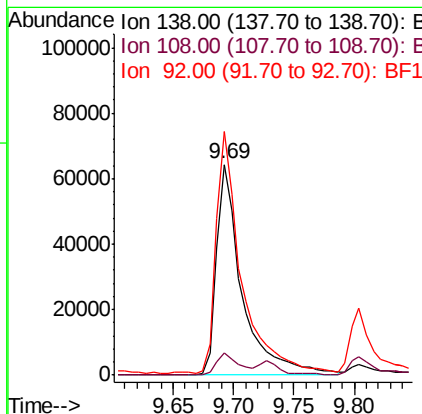
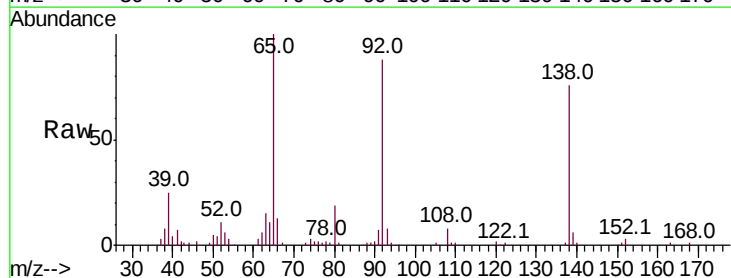
RT: 9.69 min Scan# 1293

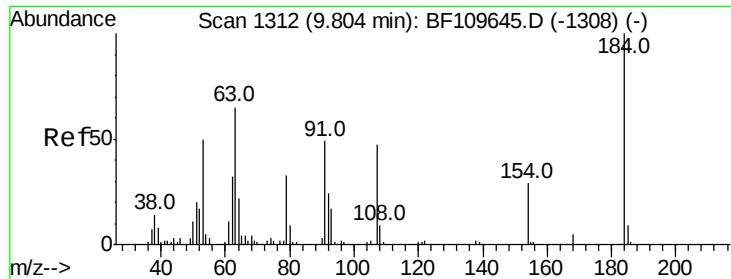
Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion:	138	Resp:	94022
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	115.5	97.0	145.4





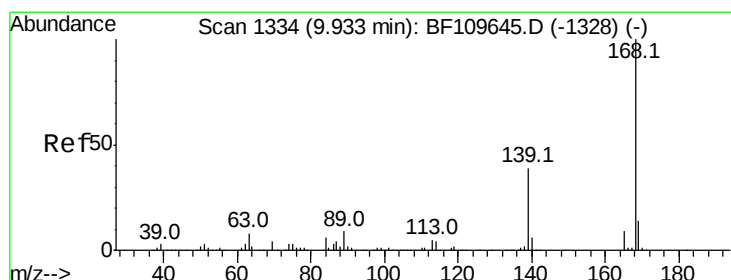
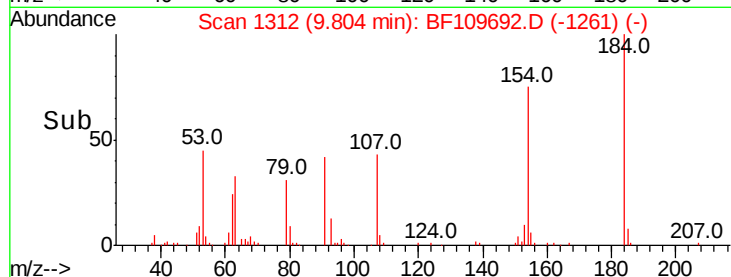
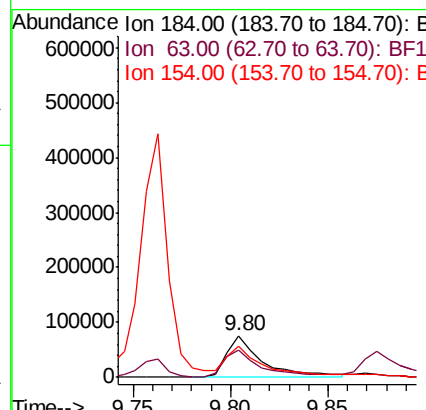
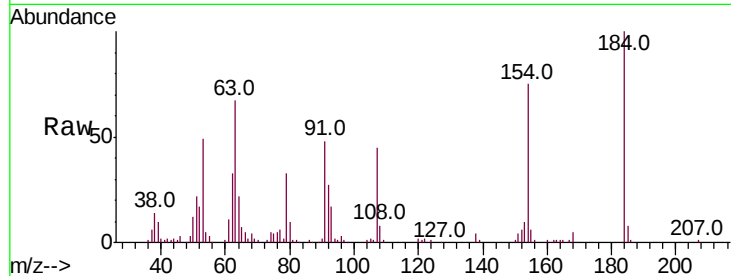
#53
2,4-Dinitrophenol
Concen: 99.705 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.5	55.8	83.6	
154	75.3	63.2	94.8	

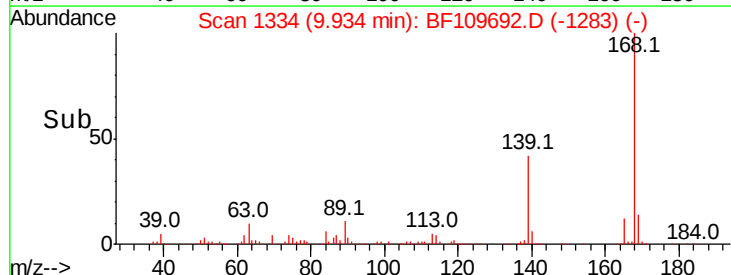
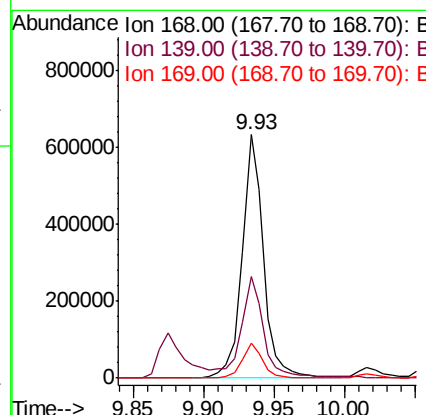
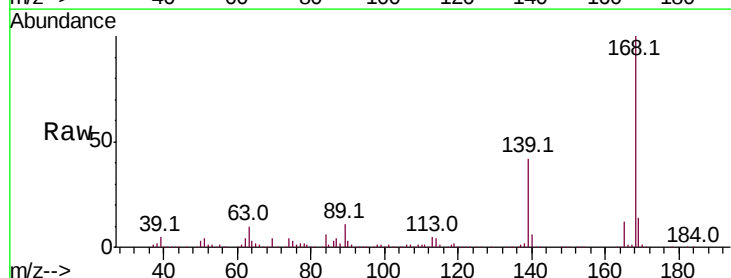
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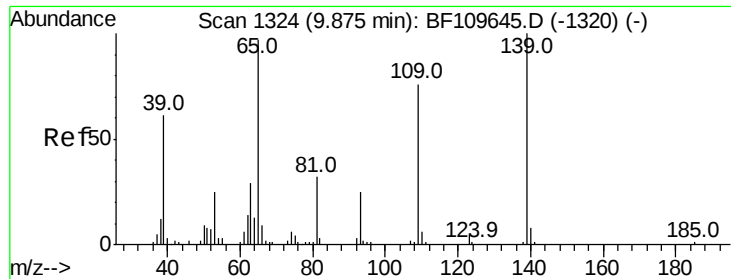
Sohil
10/10/2018 11:36:57 AM



#54
Dibenzofuran
Concen: 40.741 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.7	33.0	49.6	
169	14.3	11.3	16.9	





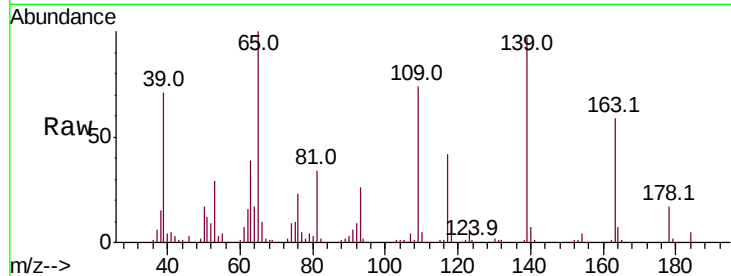
#55
4-Nitrophenol
Concen: 79.801 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.3	55.8	95.8	
65	102.8	77.9	117.9	

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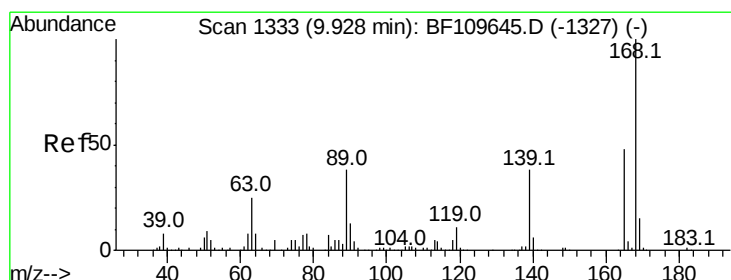
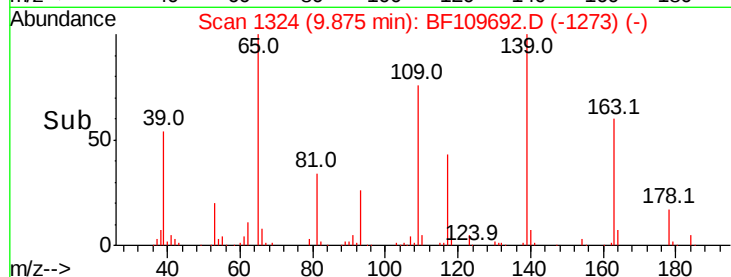
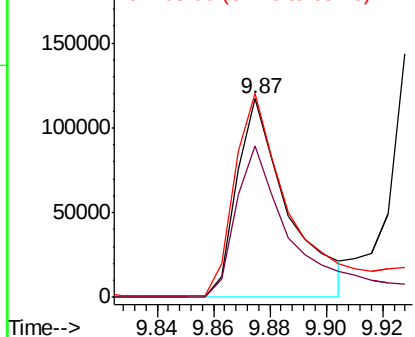


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 41.989 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.6	44.8	67.2	
89	79.9	62.2	93.4	
182	2.6	2.1	3.1	

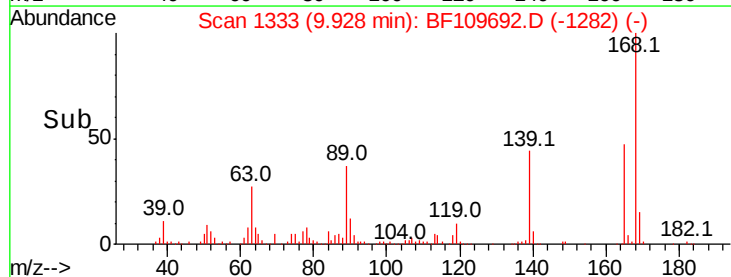
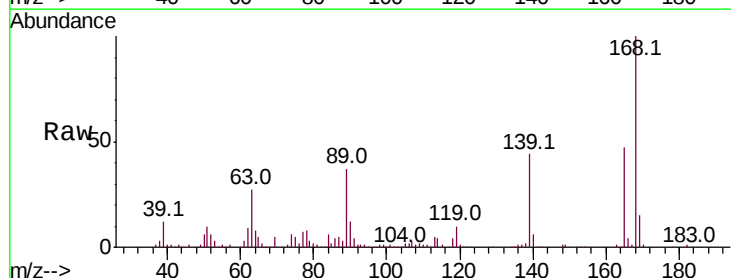
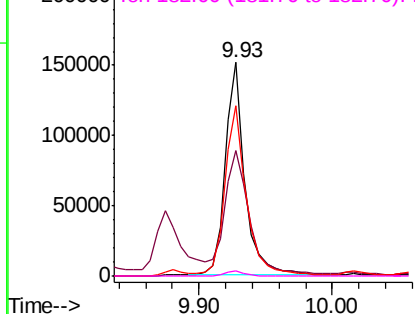
Abundance

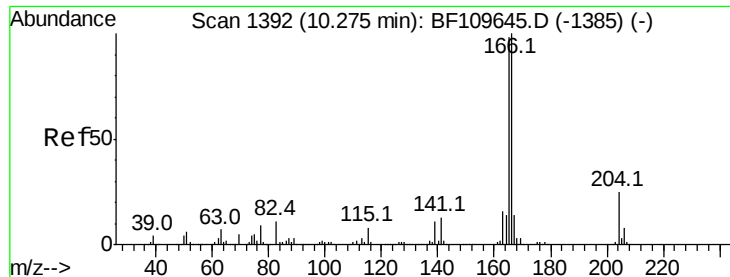
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.819 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

PB113605BS

Tot Ion:166 Resp: 536008

Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

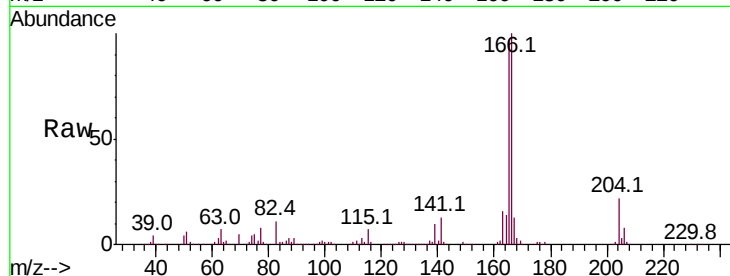
167 13.1 10.8 16.2

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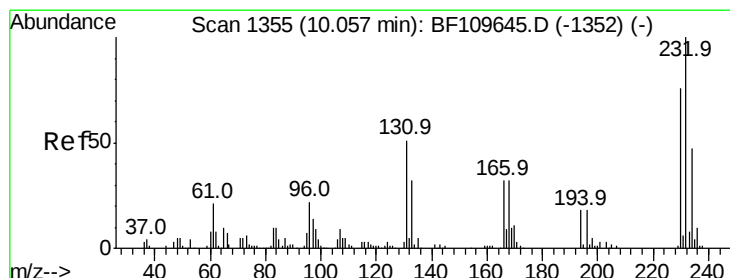
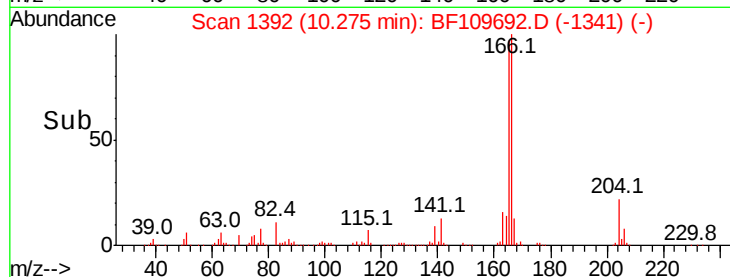
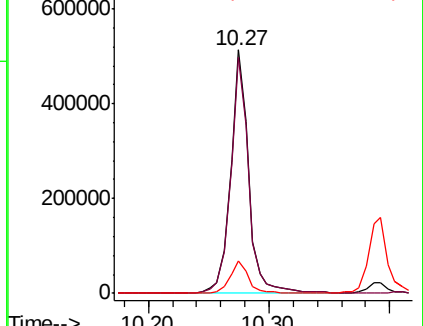
10/10/2018 11:36:57 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.124 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion:232 Resp: 151359

Ion Ratio Lower Upper

232 100

131 43.0 37.0 55.4

130 2.2 1.8 2.6

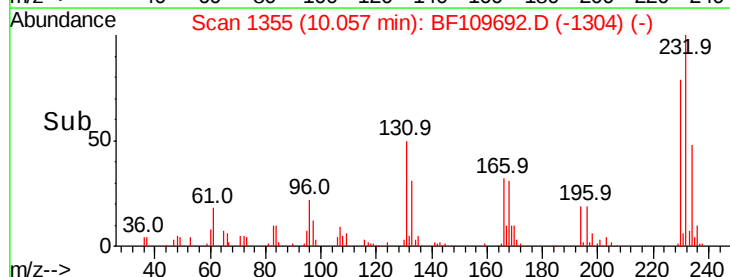
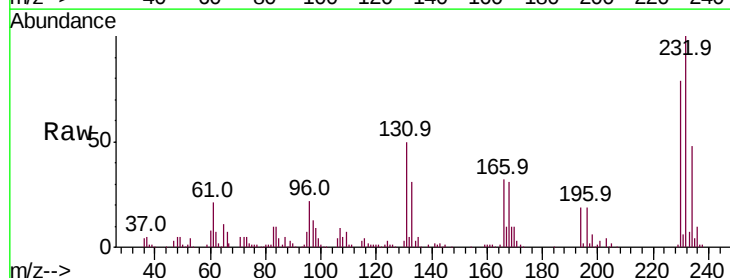
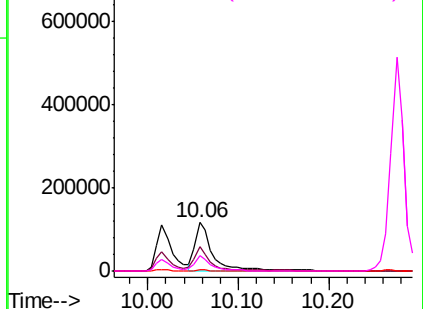
166 28.4 22.0 33.0

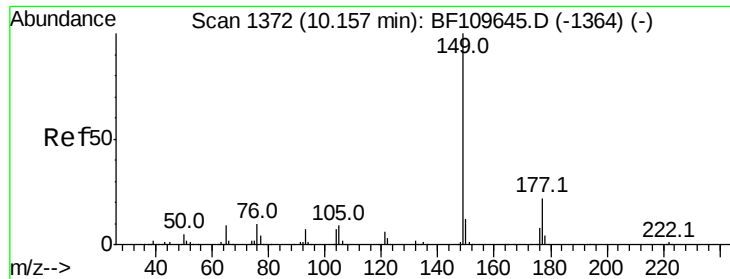
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





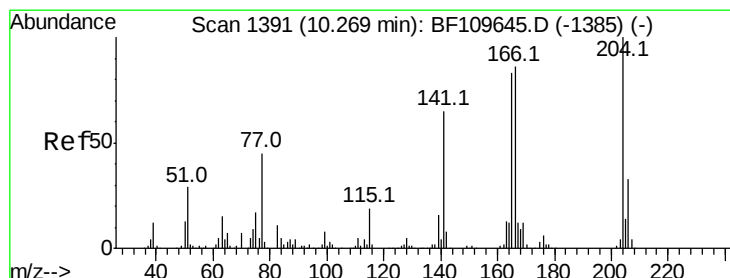
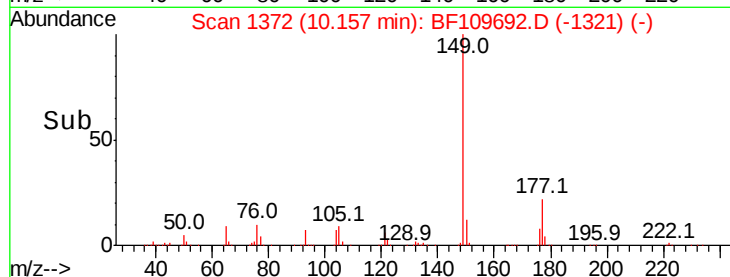
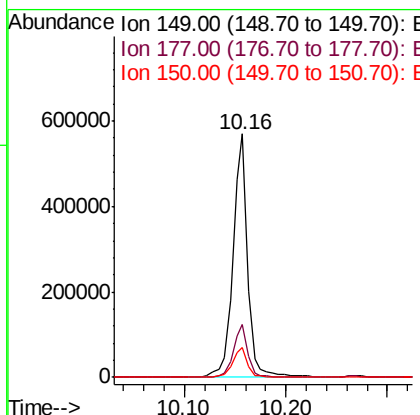
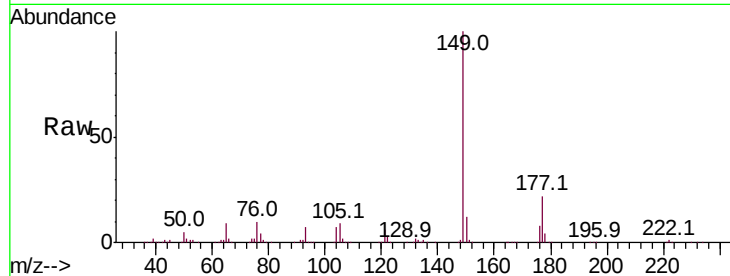
#59
Diethylphthalate
Concen: 41.586 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	570915		
177	21.7		17.4	26.2
150	12.4		9.8	14.8

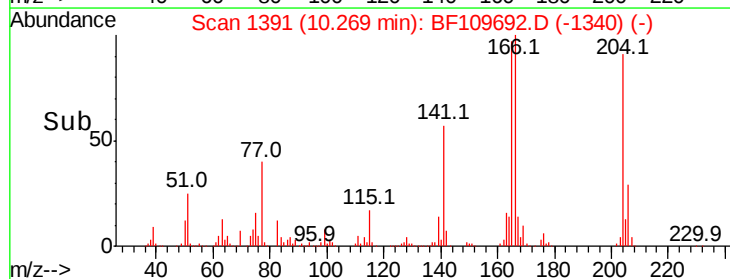
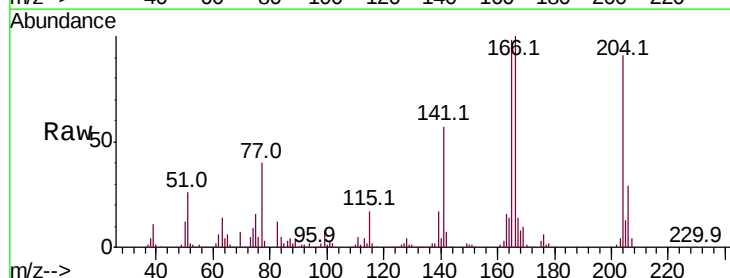
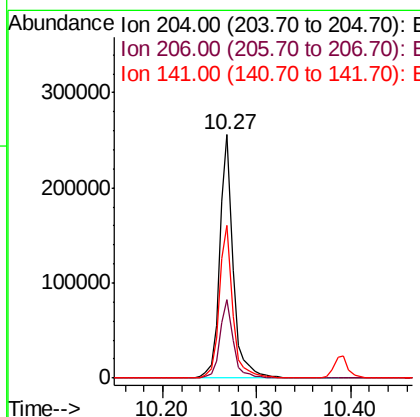
Manual Integrations
APPROVED

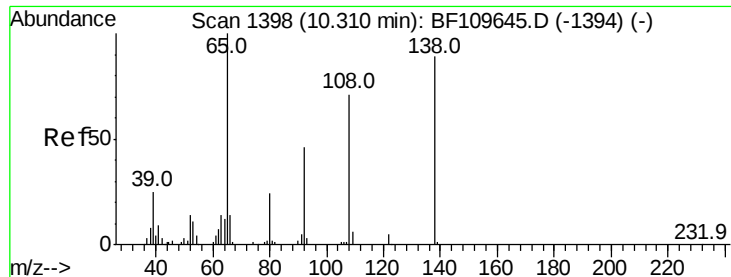
Sohil
10/10/2018 11:36:57 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.504 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	254933		
206	32.2		26.5	39.7
141	62.6		51.8	77.8





#61

4-Nitroaniline

Concen: 41.532 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

ClientSampleId :

PB113605BS

Tot Ion:138 Resp: 129494

Ion Ratio Lower Upper

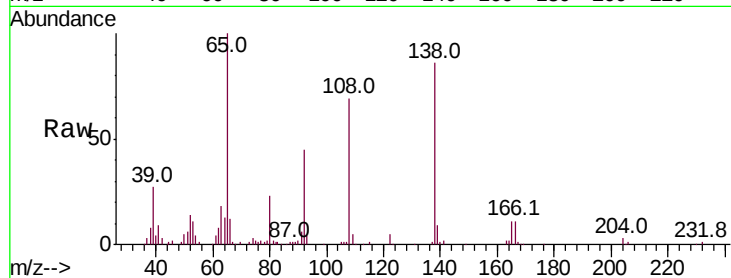
138 100

92 52.3 31.7 71.7

108 79.3 59.3 99.3

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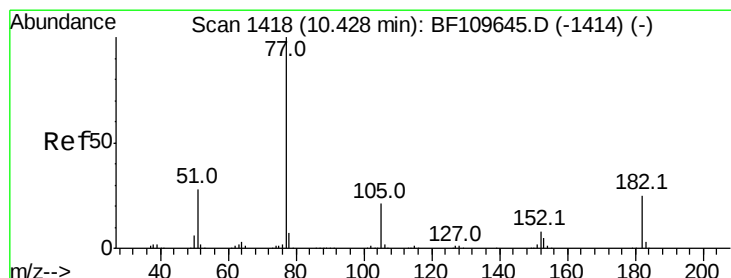
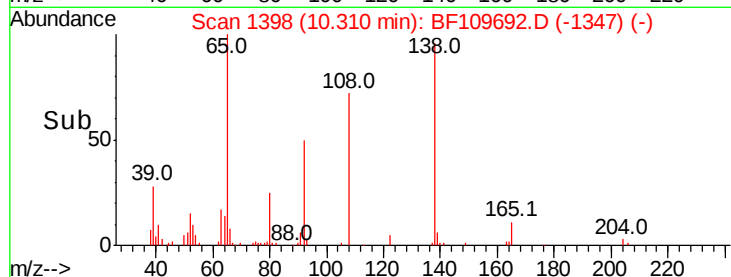
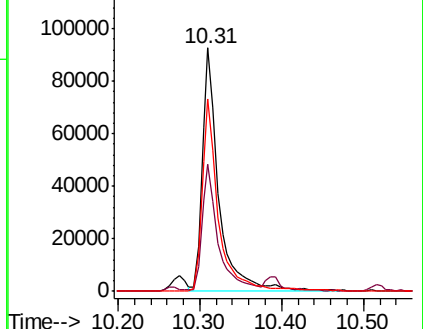
Sohil
10/10/2018 11:36:57 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.838 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Tgt Ion: 77 Resp: 583264

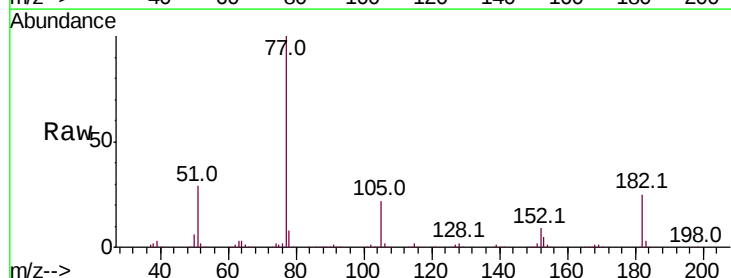
Ion Ratio Lower Upper

77 100

182 25.1 4.3 44.3

105 22.1 1.3 41.3

51 28.6 9.0 49.0

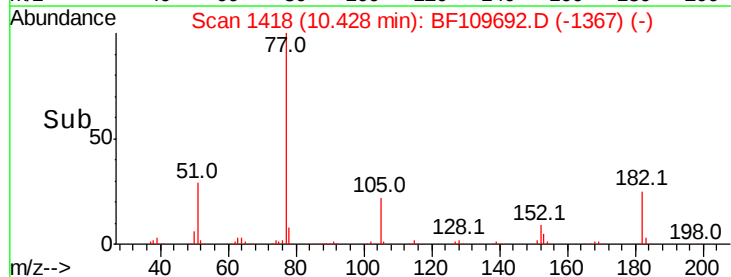
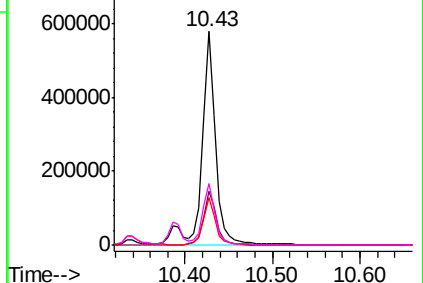


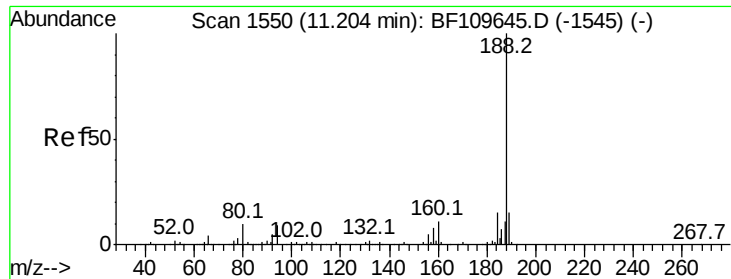
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





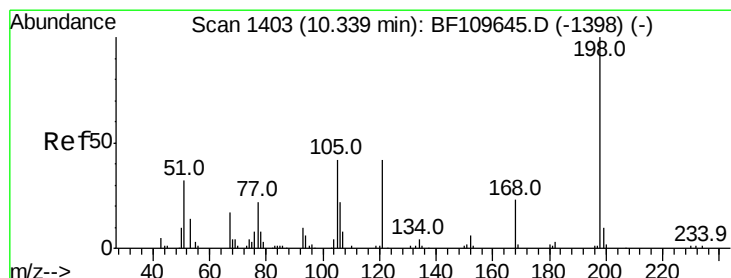
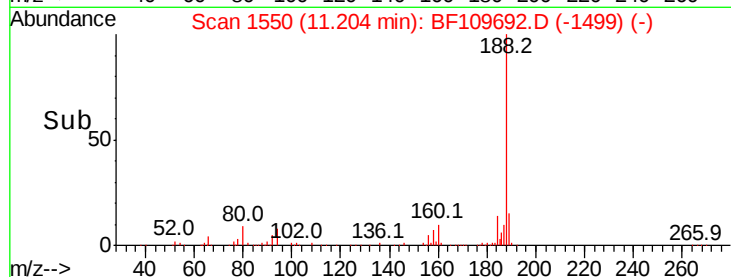
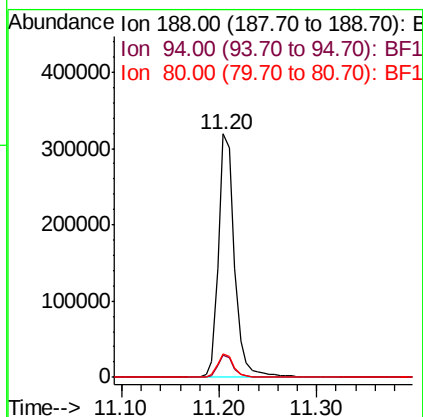
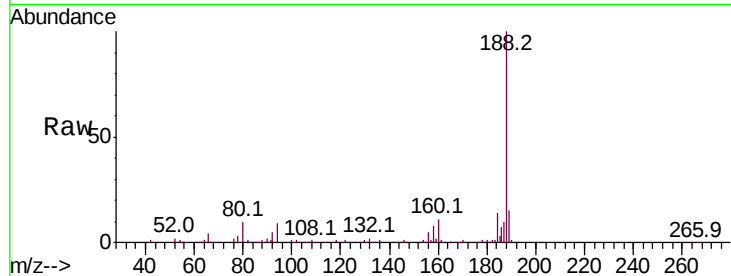
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	366999		
94	9.2		7.2	10.8
80	9.6		7.9	11.9

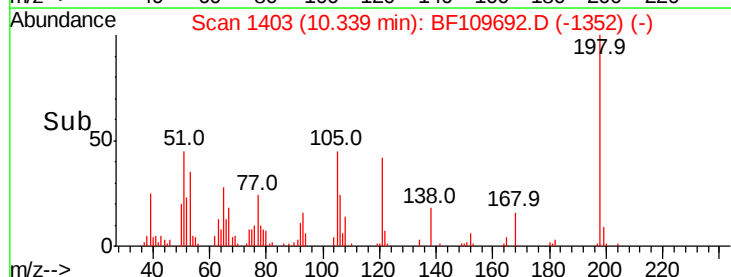
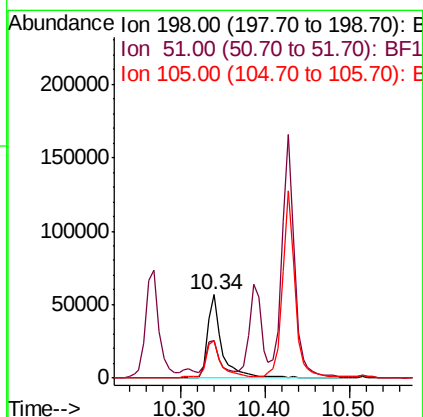
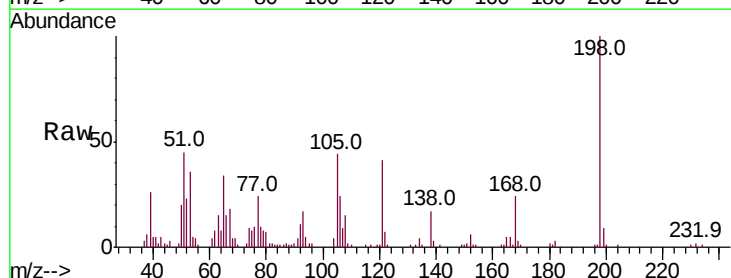
Manual Integrations
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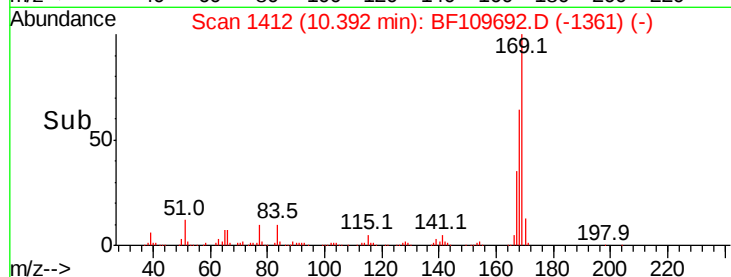
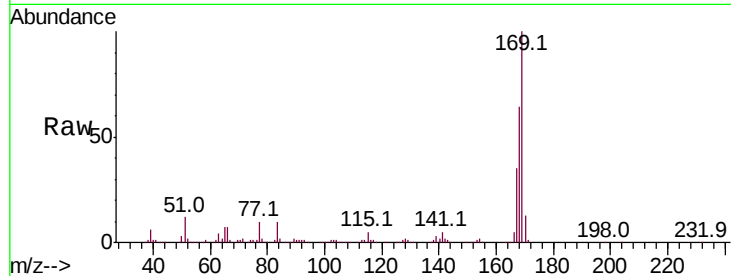
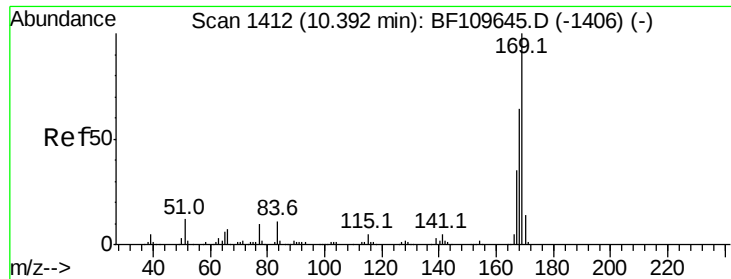
Sohil
10/10/2018 11:36:57 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.797 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67515		
51	45.0		22.8	62.8
105	44.4		23.6	63.6





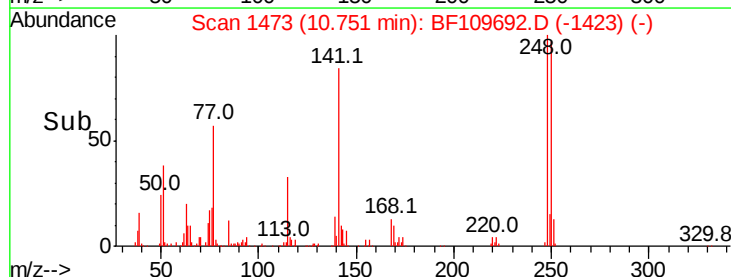
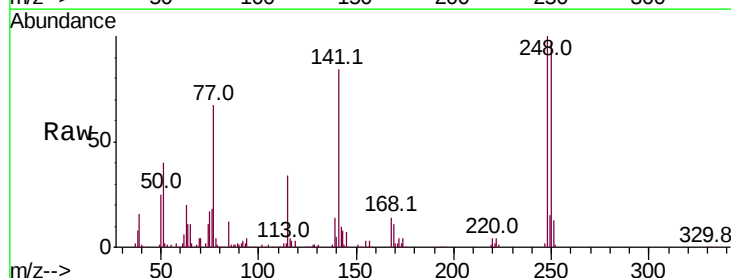
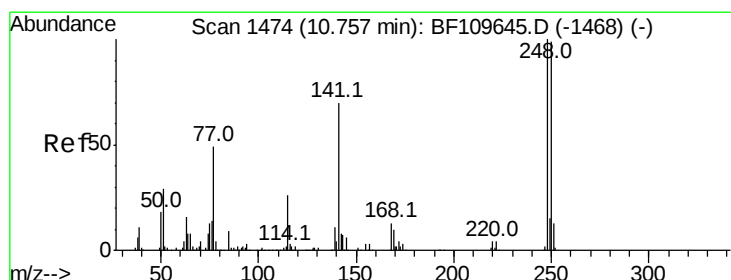
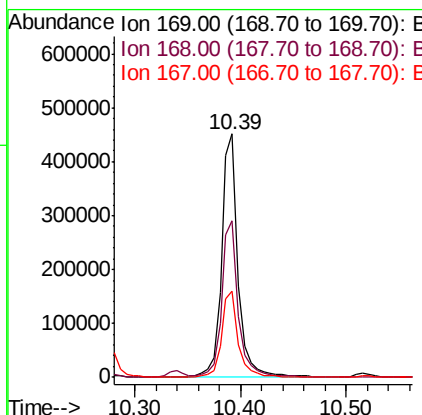
#65
n-Nitrosodiphenylamine
Concen: 39.186 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.3	51.2	76.8	
167	35.4	27.8	41.6	

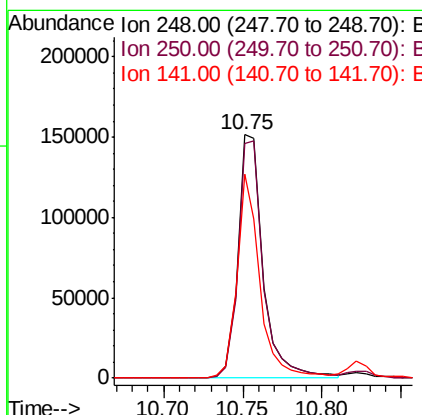
Manual Integrations
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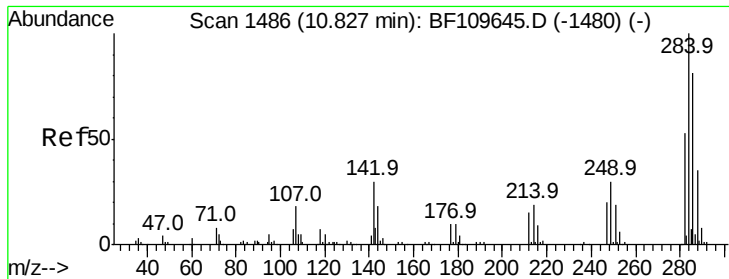
Sohil
10/10/2018 11:36:57 AM



#66
4-Bromophenyl-phenylether
Concen: 39.593 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6	79.4	119.2	
141	83.9	55.9	83.9#	





#67

Hexachlorobenzene

Concen: 38.941 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

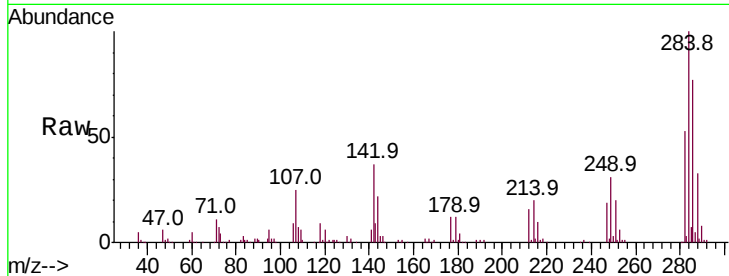
ClientSampleId :

PB113605BS

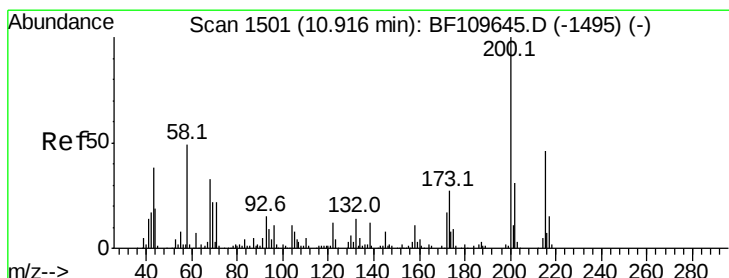
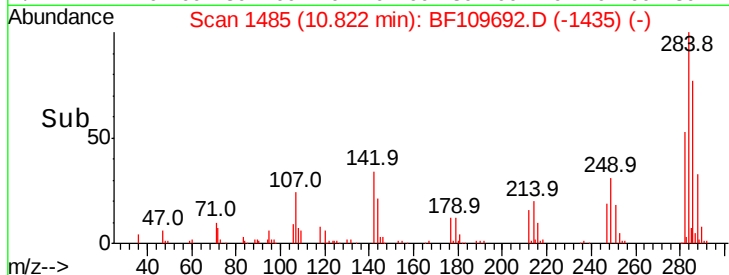
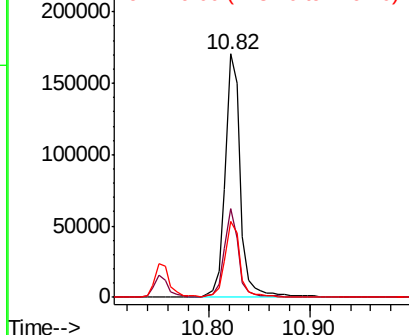
Tot Ion:	284	Resp:	177816
Ion Ratio		Lower	Upper
284	100		
142	36.5	23.9	35.9#
249	31.4	24.2	36.2

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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



#68

Atrazine

Concen: 40.899 ng

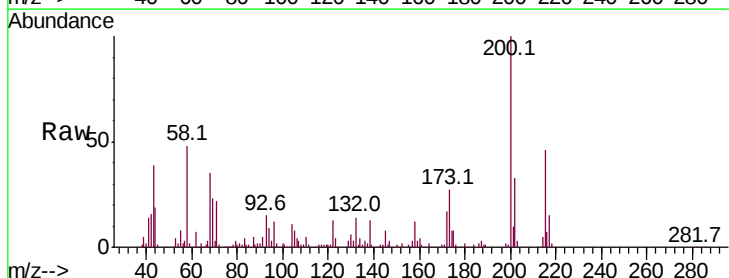
RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

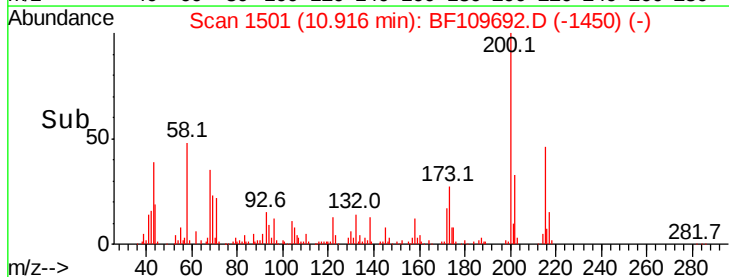
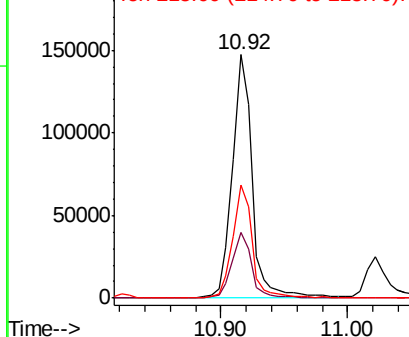
Lab File: BF109692.D

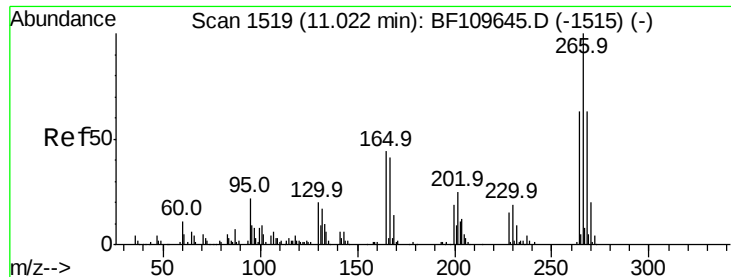
Acq: 9 Oct 2018 13:55

Tgt Ion:	200	Resp:	158800
Ion Ratio		Lower	Upper
200	100		
173	27.1	6.6	46.6
215	46.3	26.3	66.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





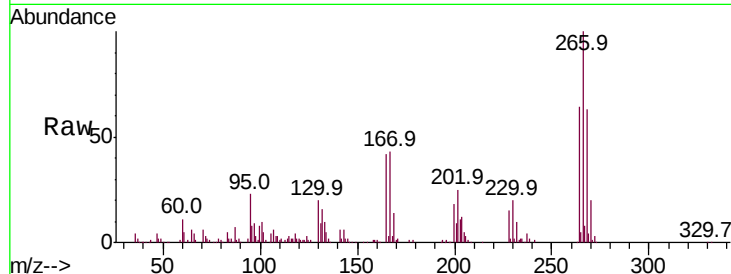
#69
 Pentachlorophenol
 Concen: 66.933 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

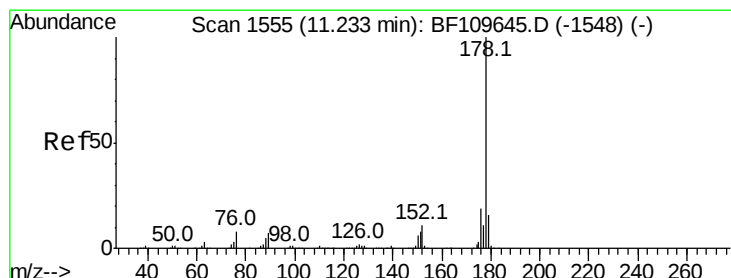
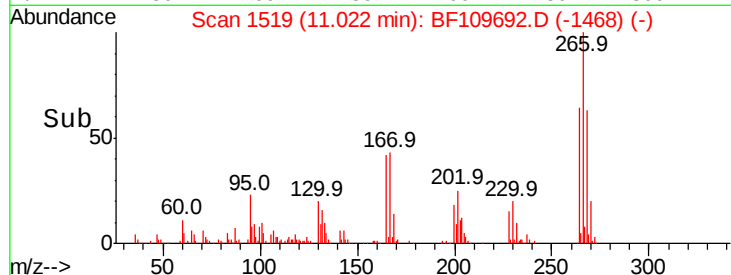
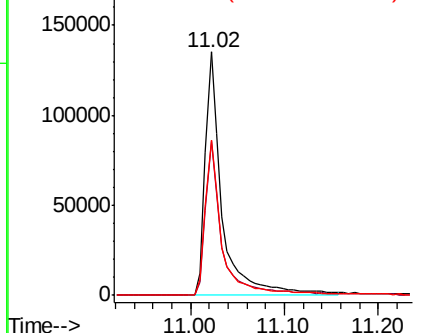
Tot Ion	Ratio	Resp	Lower	Upper
266	100	171979		
268	63.0		50.6	75.8
264	63.7		50.6	75.8

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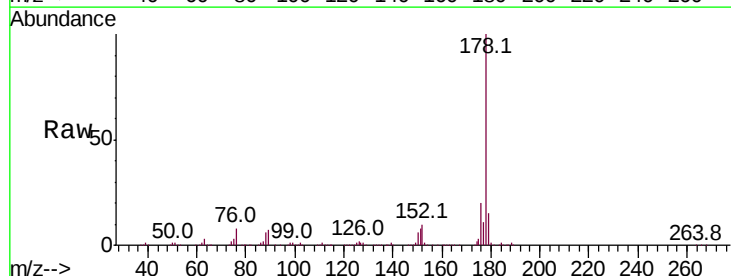


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

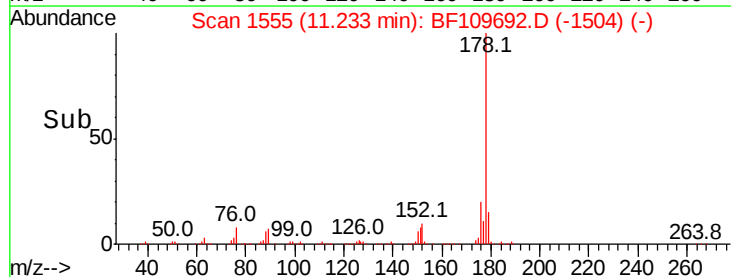
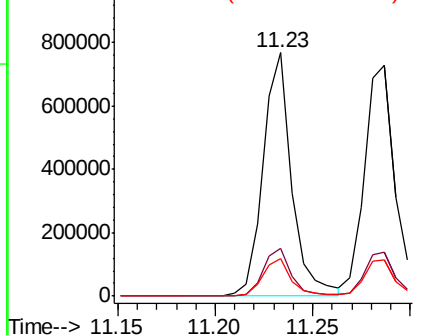


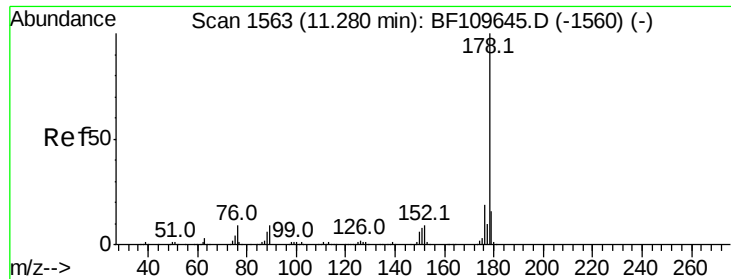
#70
 Phenanthrene
 Concen: 42.599 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	782380		
176	19.8		15.5	23.3
179	15.4		12.5	18.7



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





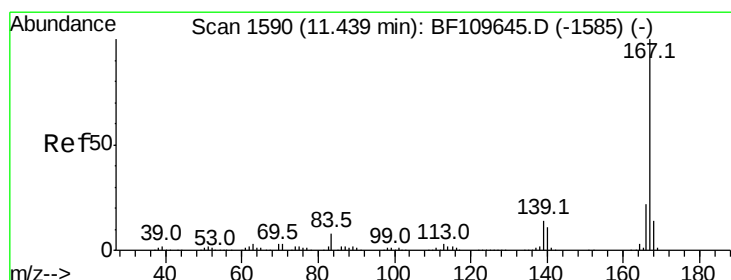
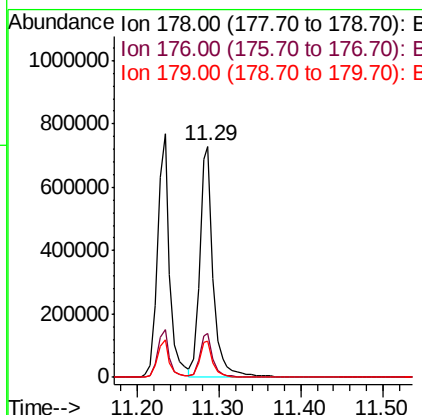
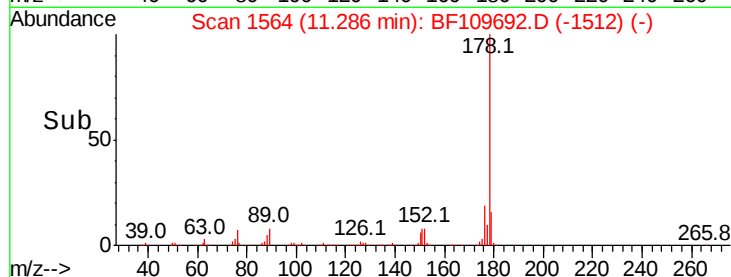
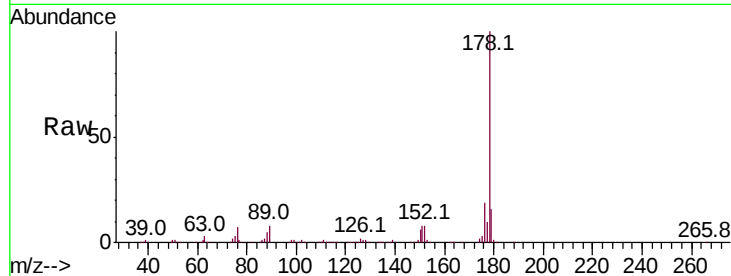
#71
 Anthracene
 Concen: 44.180 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	18.8

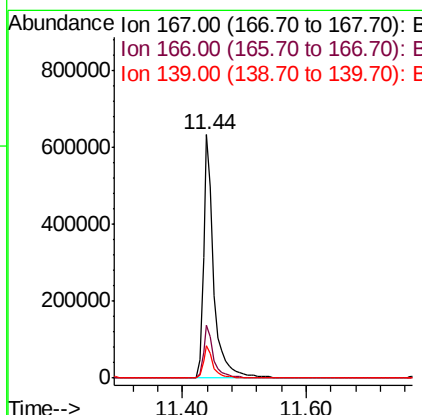
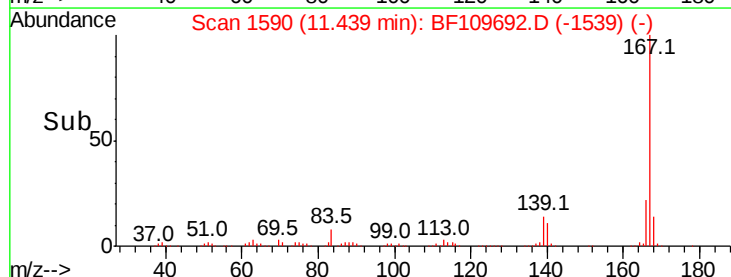
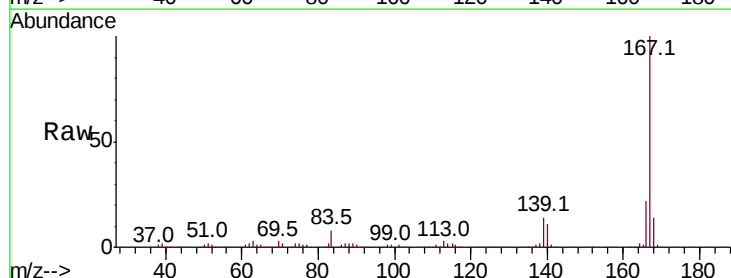
Manual Integrations
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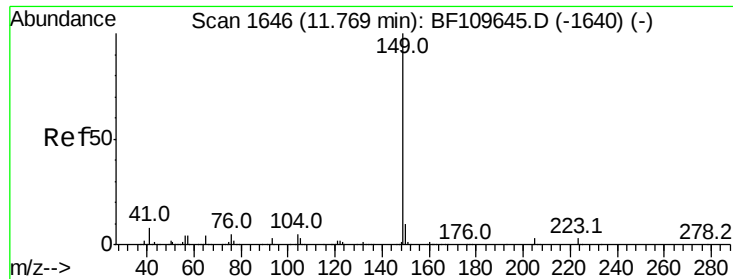
Sohil
 10/10/2018 11:36:57 AM



#72
 Carbazole
 Concen: 40.099 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.5	10.9	16.3





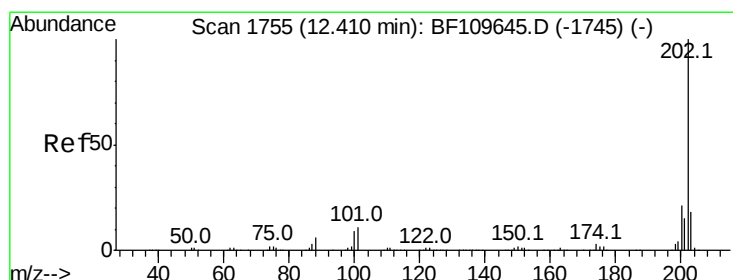
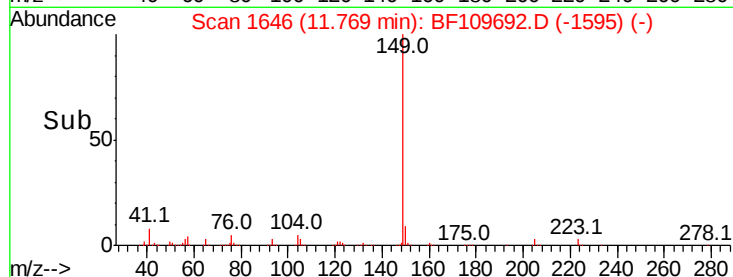
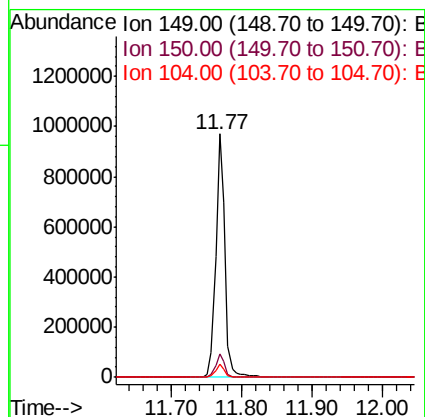
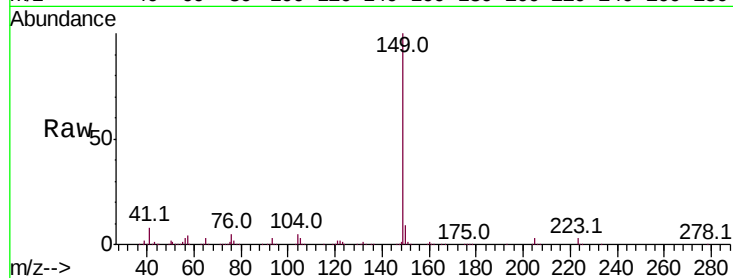
#73
Di-n-butylphthalate
Concen: 41.482 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.7	11.5	
104	5.2	4.2	6.4	

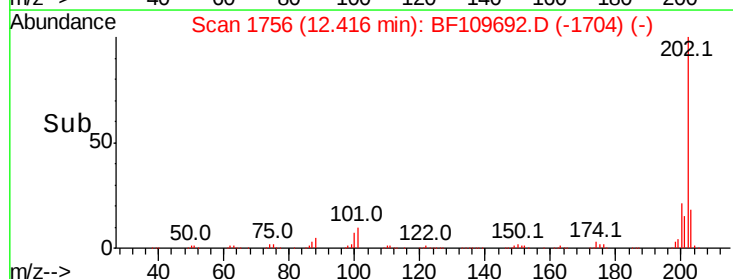
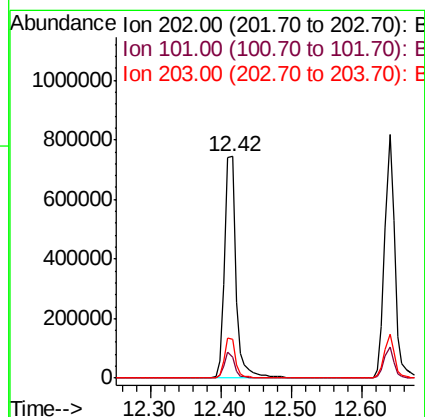
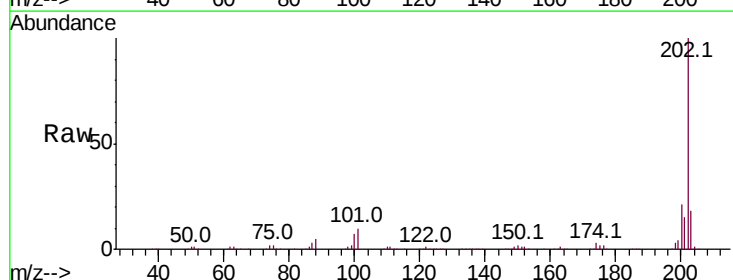
Manual Integrations
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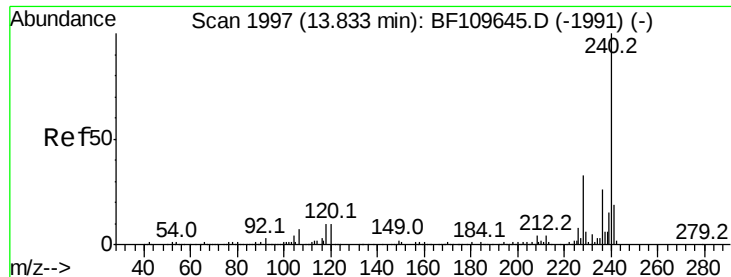
Sohil
10/10/2018 11:36:57 AM



#74
Fluoranthene
Concen: 43.606 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.6	0.0	31.4	
203	17.8	0.0	37.7	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

Instrument :

BNA_F

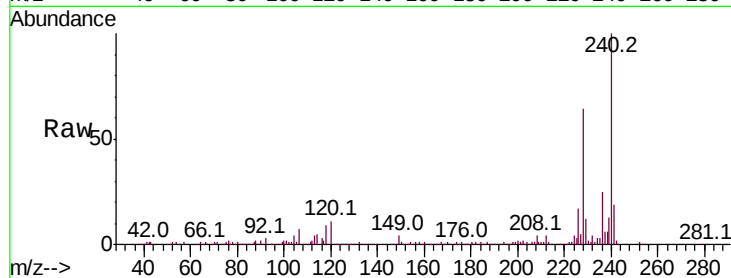
ClientSampleId :

PB113605BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.4	21.2	31.8

Manual Integrations
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Sohil
10/10/2018 11:36:57 AM

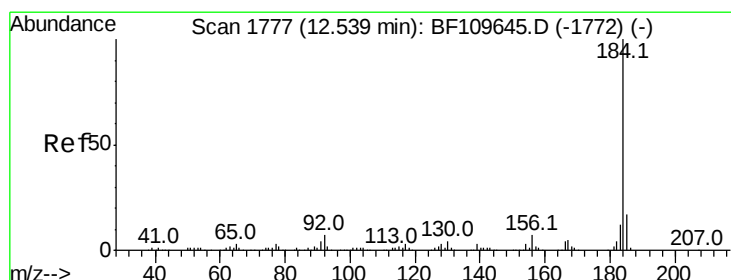
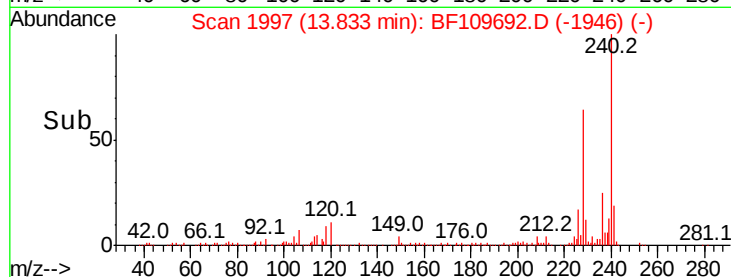
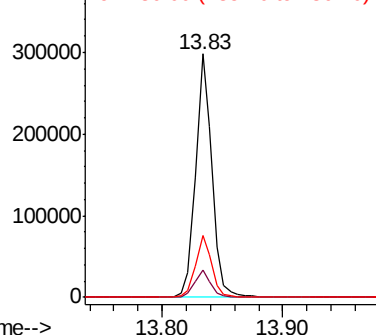


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.324 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF109692.D

Acq: 9 Oct 2018 13:55

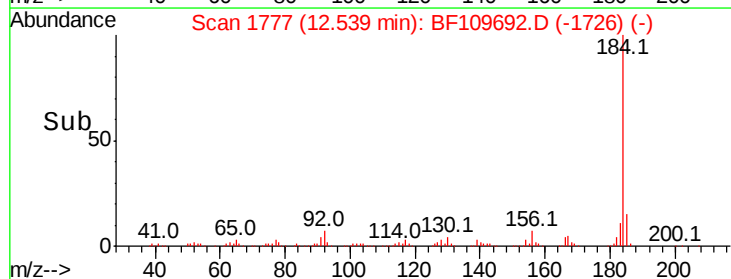
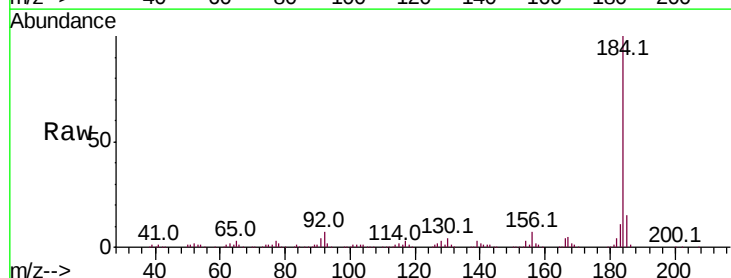
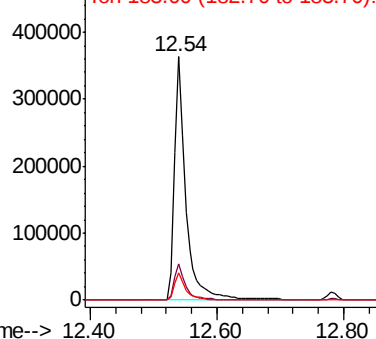
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.2
183	11.2	9.4	14.2

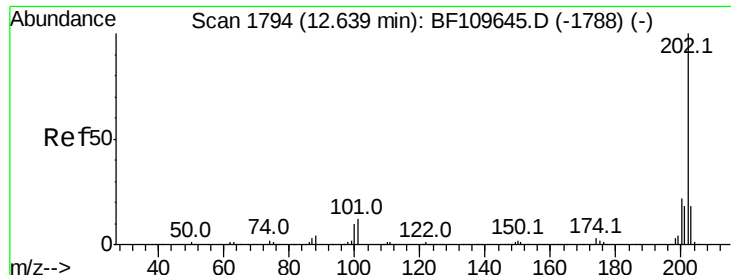
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





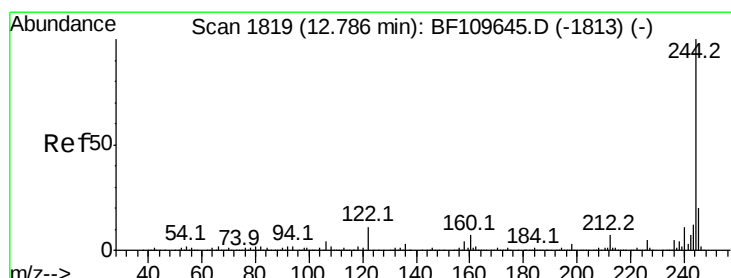
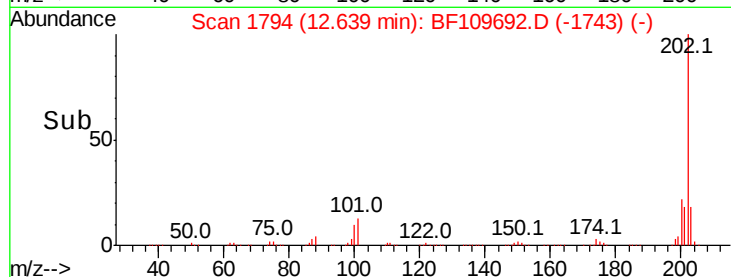
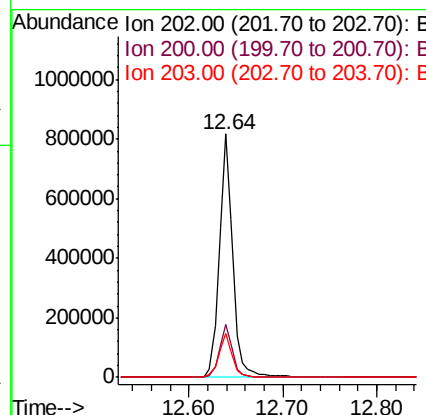
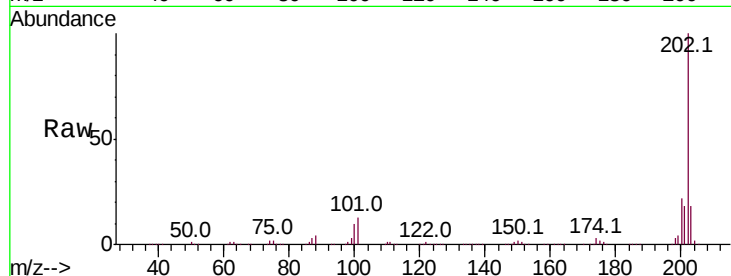
#77
Pvrene
Concen: 40.651 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	18.1	14.2	21.4

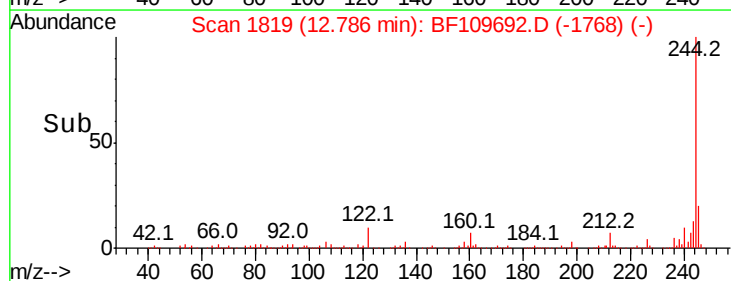
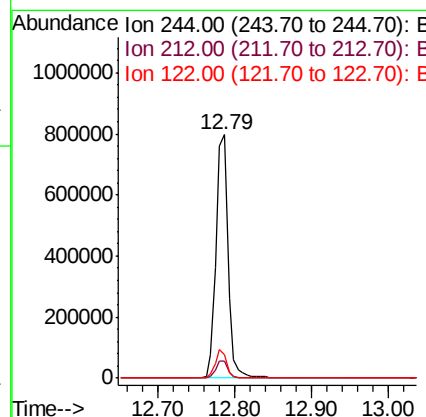
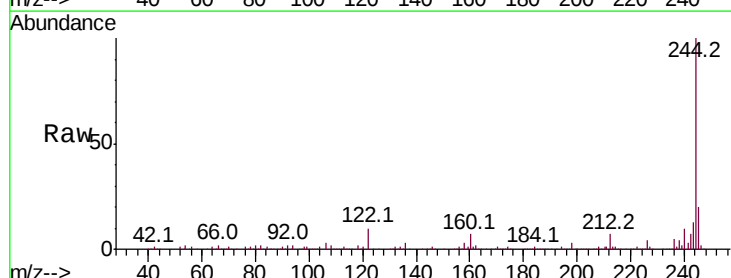
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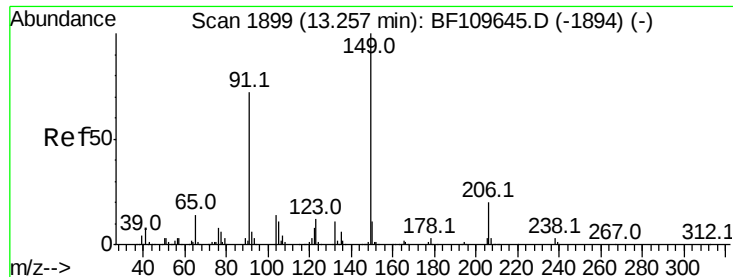
Sohil
10/10/2018 11:36:57 AM



#78
Terphenyl-d14
Concen: 59.952 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.7	8.7	13.1





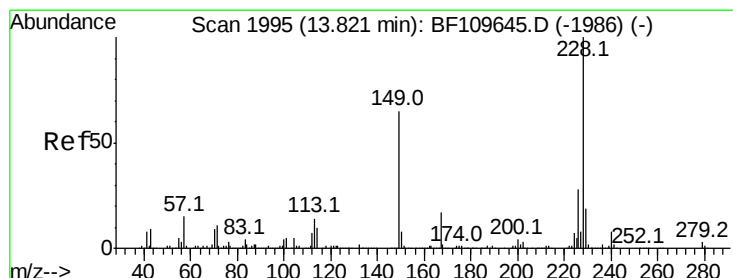
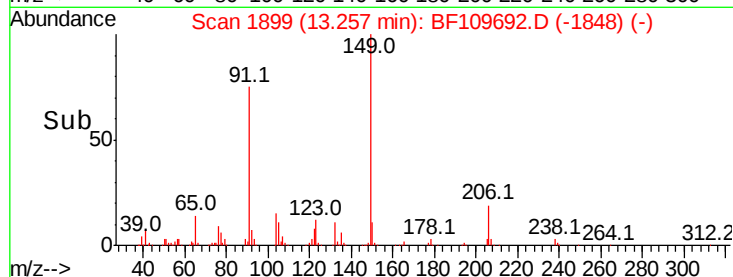
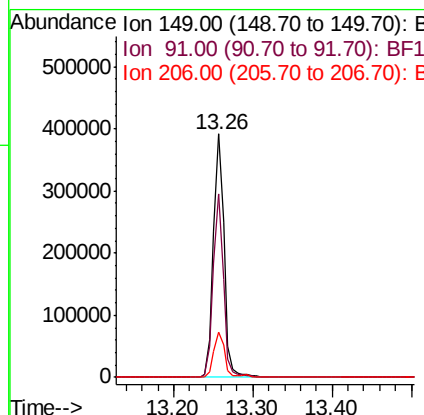
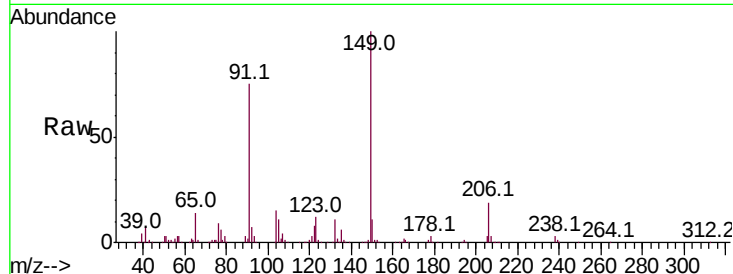
#79
Butylbenzylphthalate
Concen: 41.932 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	368212		
91	75.2	57.2	85.8	
206	18.6	15.7	23.5	

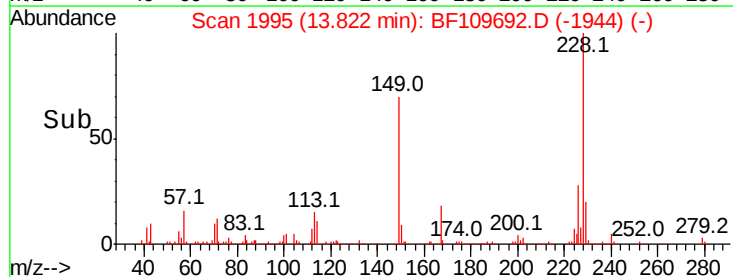
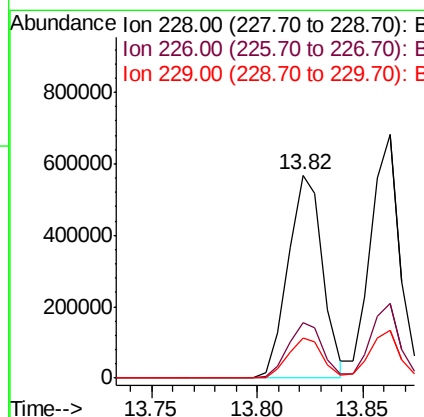
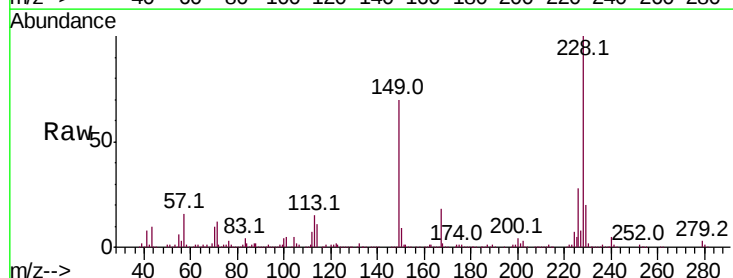
Manual Integrations
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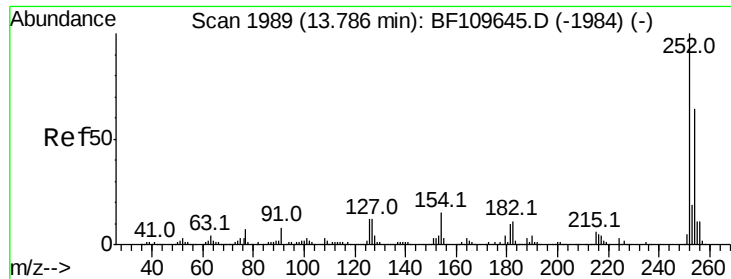
Sohil
10/10/2018 11:36:57 AM



#80
Benzo(a)anthracene
Concen: 42.484 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	648113		
226	27.5	22.1	33.1	
229	19.8	15.6	23.4	





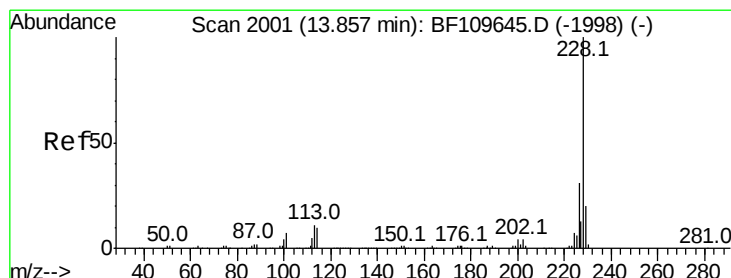
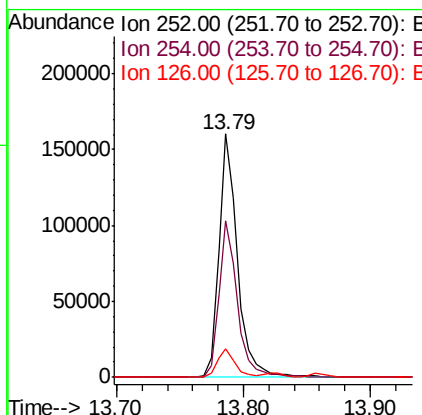
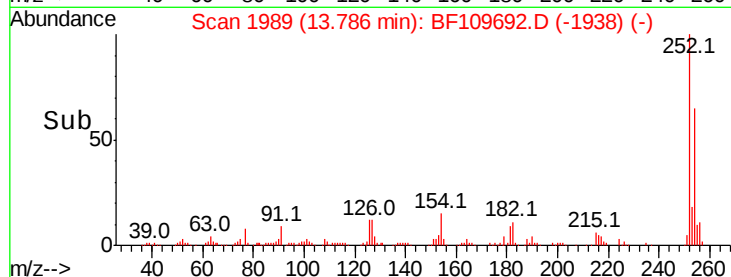
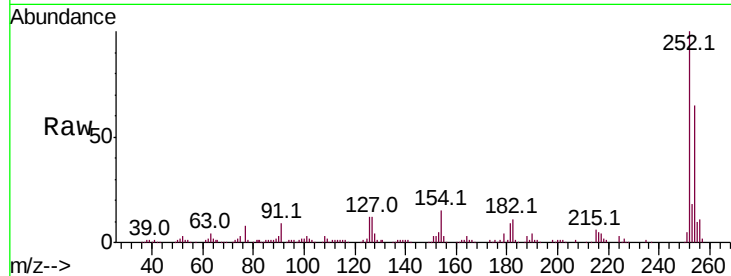
#81
 3,3'-Dichlorobenzidine
 Concen: 26.804 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	164651		
254	64.6	51.3	76.9	
126	11.8	9.4	14.2	

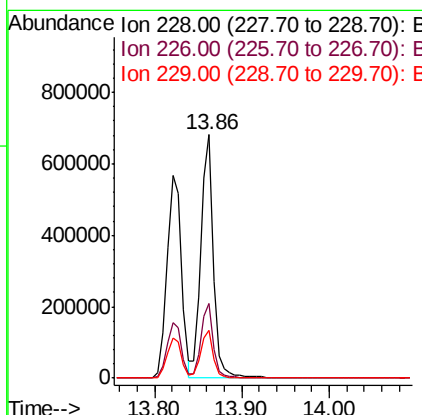
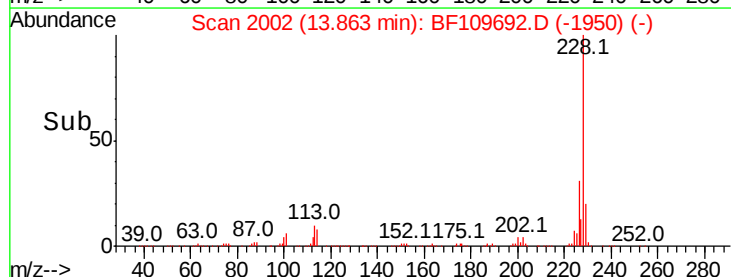
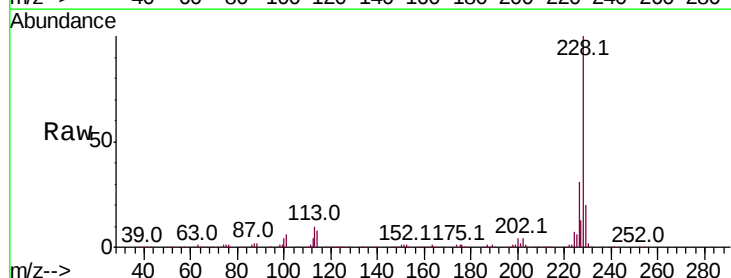
Manual Integrations
 APPROVED

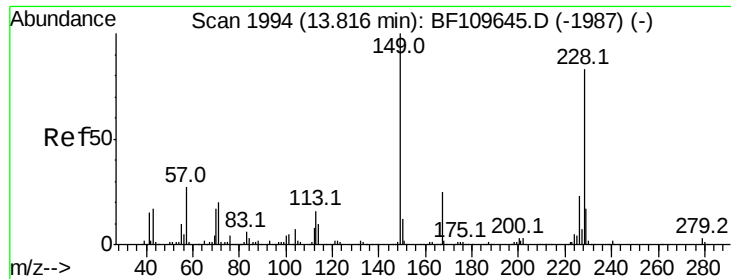
Sohil
 10/10/2018 11:36:57 AM



#82
 Chrysene
 Concen: 42.639 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	683248		
226	30.8	24.7	37.1	
229	19.6	15.9	23.9	





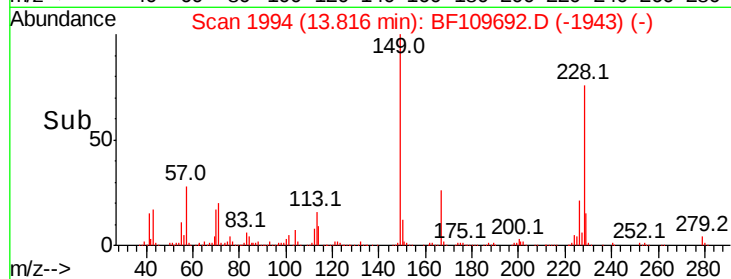
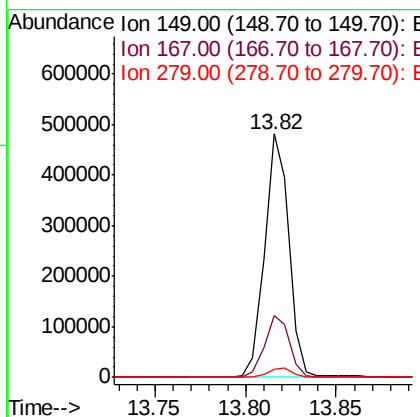
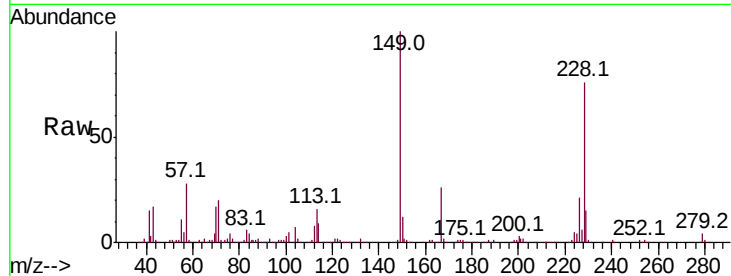
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.748 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.8	29.8
279	3.5	2.7	4.1

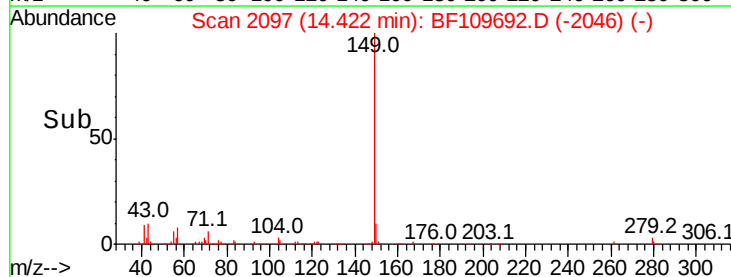
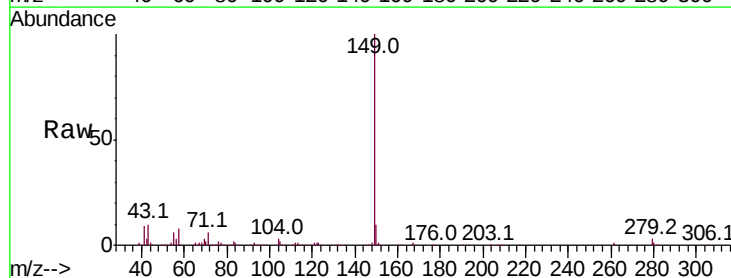
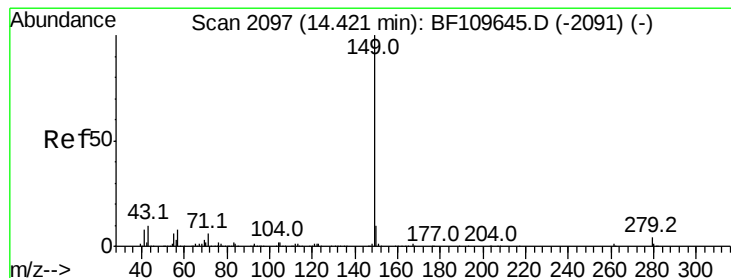
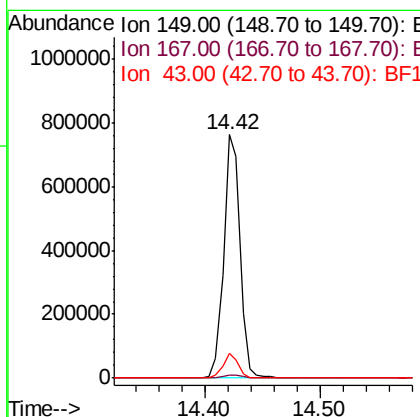
Manual Integrations
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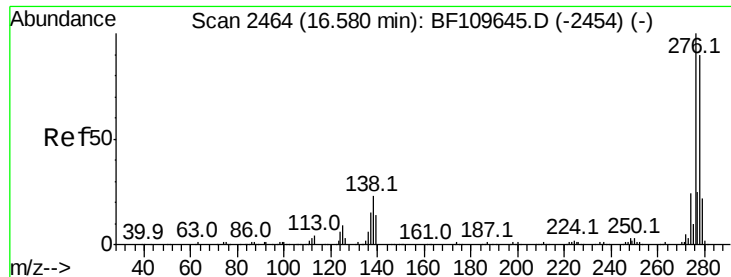
Sohil
 10/10/2018 11:36:57 AM



#84
 Di-n-octyl phthalate
 Concen: 43.960 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.6	7.8	11.8





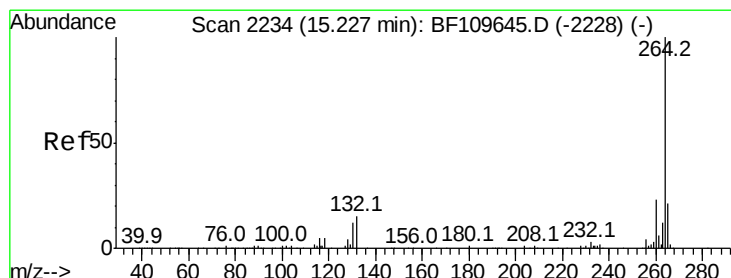
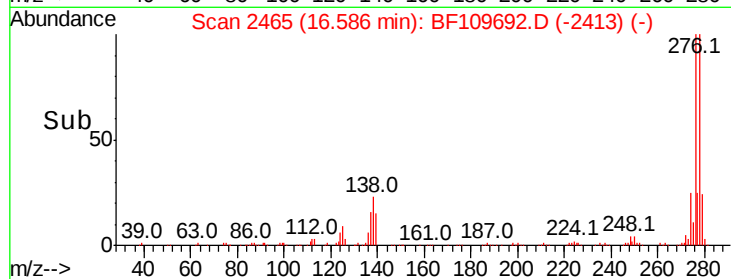
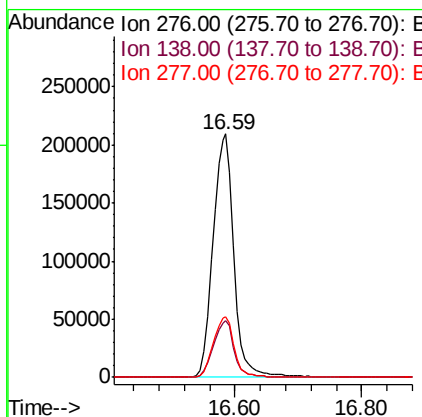
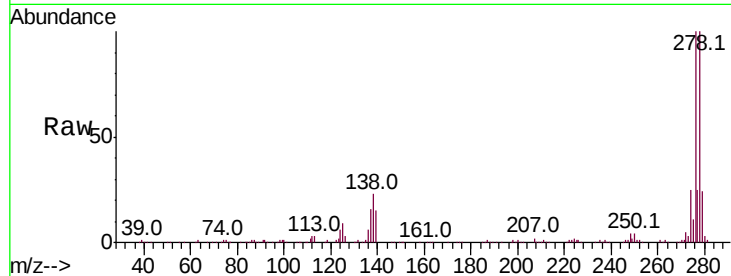
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.402 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.5	27.7
277	25.1	20.0	30.0

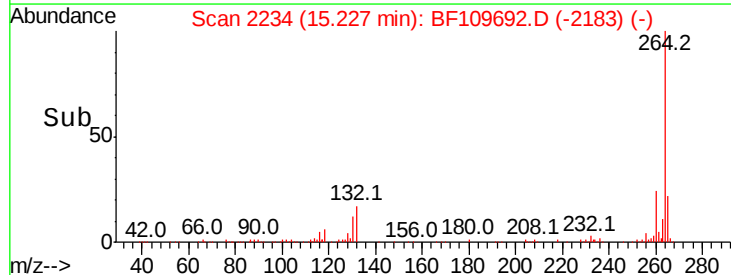
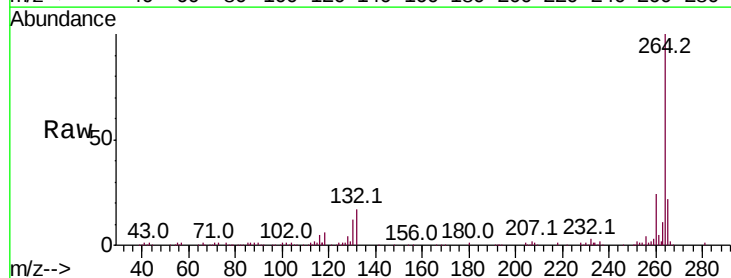
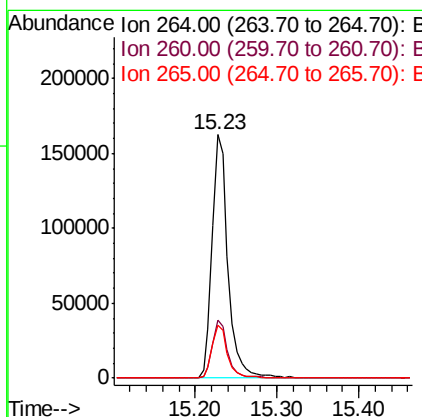
Manual Integrations
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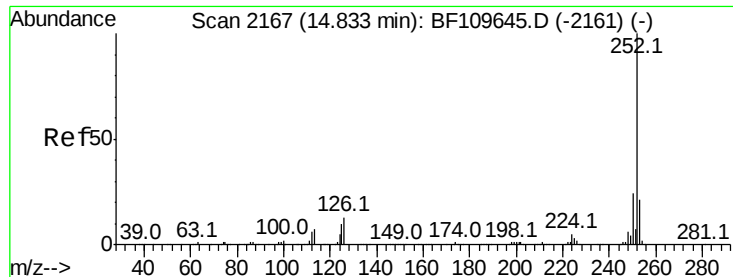
Sohil
10/10/2018 11:36:57 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	16.7	25.1





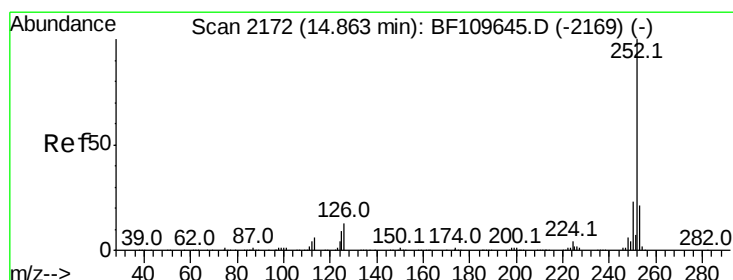
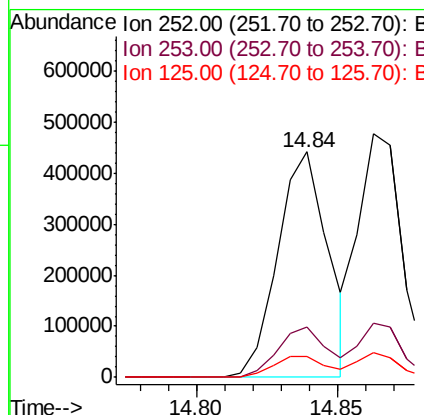
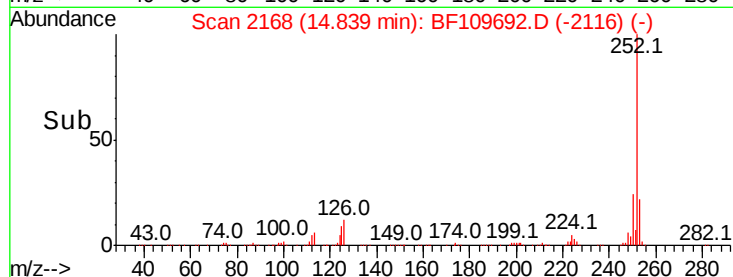
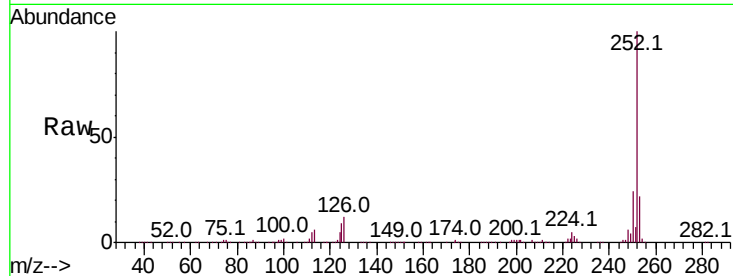
#87
Benzo(b)fluoranthene
Concen: 44.814 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.4	8.2	12.4

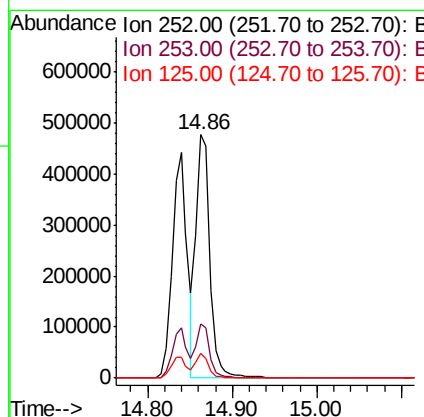
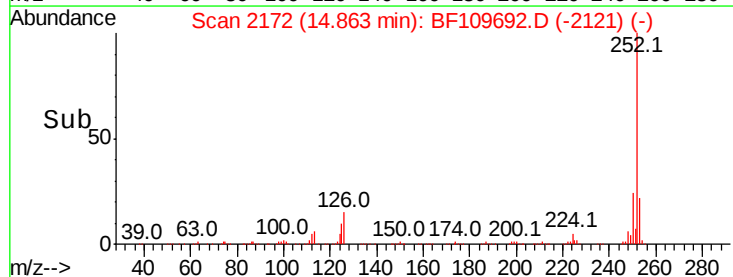
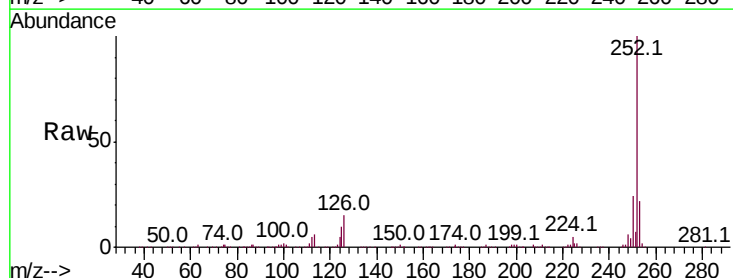
Manual Integrations
APPROVED

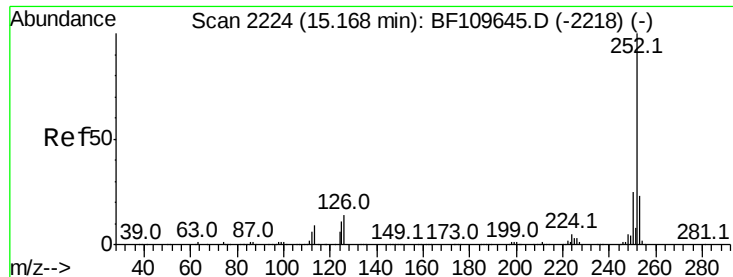
Sohil
10/10/2018 11:36:57 AM



#88
Benzo(k)fluoranthene
Concen: 43.752 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.2	7.4	11.0





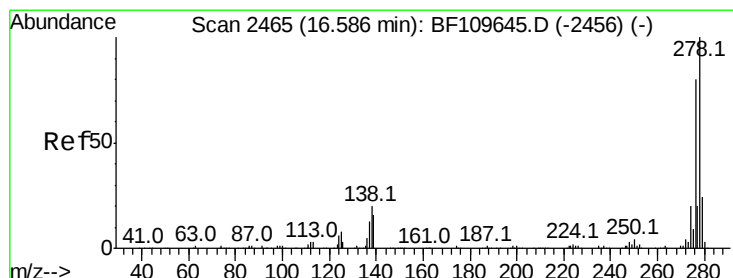
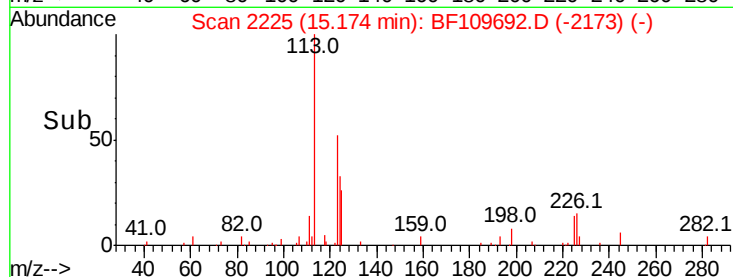
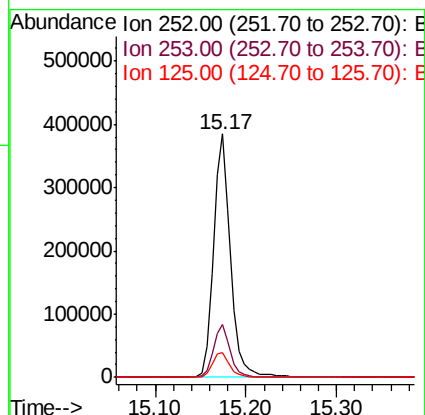
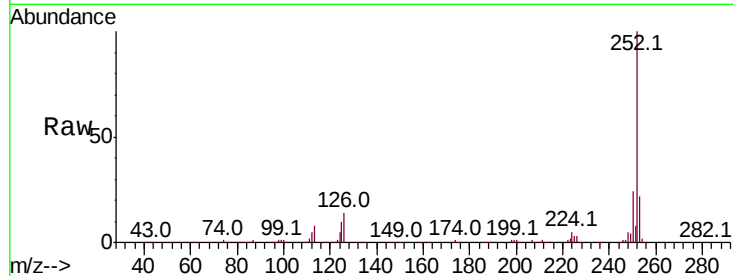
#89
Benzo(a)pyrene
Concen: 45.095 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113605BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.3	9.0	13.6

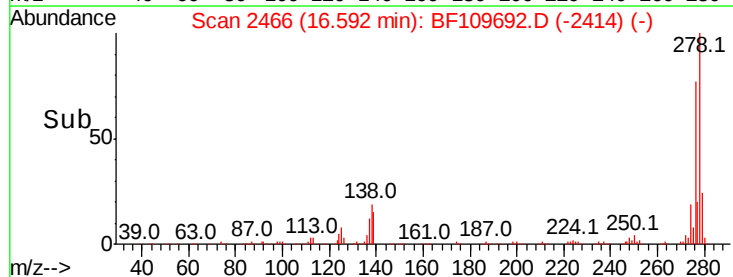
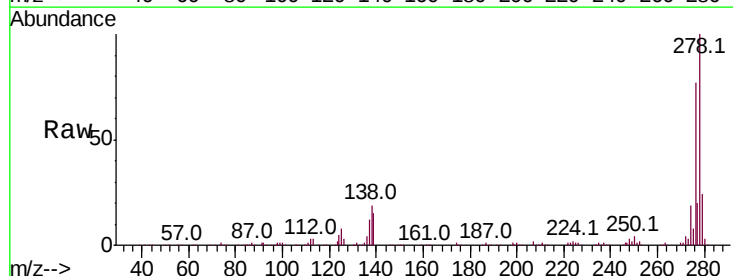
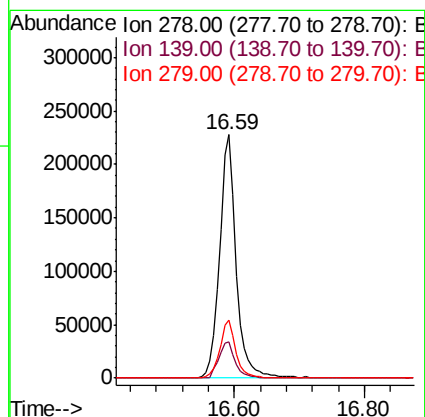
Manual Integrations
APPROVED

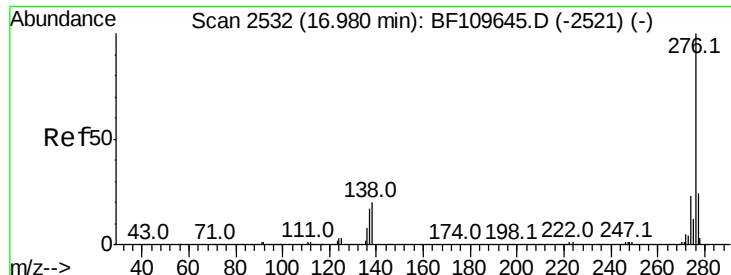
Sohil
10/10/2018 11:36:57 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.265 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109692.D
Acq: 9 Oct 2018 13:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.757 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109692.D
 Acq: 9 Oct 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113605BS

Tot Ion:	276	Resp:	415292
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.8	28.2
138	19.9	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/10/2018 11:36:57 AM

