

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109652.D
 Acq On : 8 Oct 2018 17:17
 Operator : JU/SJ
 Sample : PB113362BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Manual Integrations
 APPROVED

Sohil
 10/9/2018 2:57:24 PM

Quant Time: Oct 09 04:05:47 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	118649	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	510196	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	243392	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	456452	20.00	ng	0.00
75) Chrysene-d12	13.83	240	273798	20.00	ng	0.00
86) Perylene-d12	15.23	264	222016	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	778086	116.40	ng	0.02
7) Phenol-d6	6.36	99	975582	109.25	ng	0.00
23) Nitrobenzene-d5	7.26	82	636553	68.78	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	261756	98.70	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1204630	68.16	ng	0.00
78) Terphenyl-d14	12.79	244	1054184	74.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	108683	30.981	ng	98
3) Pyridine	3.22	79	234484	32.398	ng	98
4) n-Nitrosodimethylamine	3.15	42	129981	49.756	ng	# 100
6) Aniline	6.37	93	326898	31.426	ng	# 77
8) 2-Chlorophenol	6.49	128	345581	42.037	ng	99
9) Benzaldehyde	6.25	77	129083	22.464	ng	98
10) Phenol	6.37	94	406823	39.731	ng	81
11) bis(2-Chloroethyl)ether	6.44	93	334515	39.406	ng	99
12) 1,3-Dichlorobenzene	6.64	146	363066	38.614	ng	99
13) 1,4-Dichlorobenzene	6.72	146	387954	37.851	ng	100
14) 1,2-Dichlorobenzene	6.87	146	344147	38.234	ng	99
15) Benzyl Alcohol	6.86	79	289364	43.711	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	441966	39.265	ng	94
17) 2-Methylphenol	6.97	107	273569	42.081	ng	99
18) Hexachloroethane	7.20	117	140665	38.828	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	248976	39.760	ng	98
20) 3+4-Methylphenols	7.13	107	346883	43.303	ng	96
22) Acetophenone	7.11	105	499461	40.483	ng	99
24) Nitrobenzene	7.28	77	364978	37.897	ng	99
25) Isophorone	7.52	82	686322	44.655	ng	99
26) 2-Nitrophenol	7.60	139	184451	40.945	ng	98
27) 2,4-Dimethylphenol	7.65	122	310242	47.691	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	425906	40.969	ng	99
29) 2,4-Dichlorophenol	7.85	162	299836	41.092	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	306720	37.972	ng	99
31) Naphthalene	8.00	128	981083	41.580	ng	99
32) Benzoic acid	7.78	122	72884	15.671	ng	93
33) 4-Chloroaniline	8.06	127	300618	28.932	ng	98
34) Hexachlorobutadiene	8.12	225	188155	37.464	ng	98
35) Caprolactam	8.44	113	78620m	36.079	ng	
36) 4-Chloro-3-methylphenol	8.55	107	314474	40.829	ng	99
37) 2-Methylnaphthalene	8.69	142	673891	43.601	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	308084	37.185	ng	99
40) Hexachlorocyclopentadiene	8.85	237	288296	79.517	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	202641	40.914	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	218117	38.302	ng	97
45) 1,1'-Biphenyl	9.16	154	803346	36.947	ng	99
46) 2-Chloronaphthalene	9.18	162	624962	38.365	ng	100
47) 2-Nitroaniline	9.28	65	196357	39.809	ng	99
48) Acenaphthylene	9.59	152	968407	40.777	ng	99
49) Dimethylphthalate	9.46	163	713134	39.950	ng	100
50) 2,6-Dinitrotoluene	9.52	165	153372	39.637	ng	97
51) Acenaphthene	9.76	154	550049	39.071	ng	99
52) 3-Nitroaniline	9.69	138	132892	30.638	ng	98
53) 2,4-Dinitrophenol	9.80	184	72914	58.406	ng	93
54) Dibenzofuran	9.93	168	811423	38.451	ng	99
55) 4-Nitrophenol	9.88	139	191543	80.678	ng	97
56) 2,4-Dinitrotoluene	9.93	165	190045	39.356	ng	96
57) Fluorene	10.27	166	644218	40.879	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	177313	38.304	ng	98
59) Diethylphthalate	10.16	149	689671	38.994	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	303699	36.529	ng	99
61) 4-Nitroaniline	10.31	138	147125	36.627	ng	99
62) Azobenzene	10.43	77	695411	38.719	ng	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	62932	28.327	ng	97
65) n-Nitrosodiphenylamine	10.39	169	593992	38.387	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	200974	38.319	ng	97
67) Hexachlorobenzene	10.83	284	213768	37.640	ng	99
68) Atrazine	10.92	200	172018	35.621	ng	99
69) Pentachlorophenol	11.02	266	176588	55.258	ng	97
70) Phenanthrene	11.23	178	928638	40.654	ng	99
71) Anthracene	11.28	178	963758	40.815	ng	100
72) Carbazole	11.44	167	841389	36.739	ng	100
73) Di-n-butylphthalate	11.77	149	1018354	38.338	ng	100
74) Fluoranthene	12.41	202	927864	38.882	ng	100
76) Benzidine	12.53	184	221455	21.773	ng	99
77) Pyrene	12.64	202	903722	45.050	ng	99
79) Butylbenzylphthalate	13.26	149	382095	43.933	ng	99
80) Benzo(a)anthracene	13.82	228	623848	41.289	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	163738	26.914	ng	98
82) Chrysene	13.86	228	637033	40.139	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	448021	42.223	ng	99
84) Di-n-octyl phthalate	14.42	149	691158	41.209	ng	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	617347	54.346	ng	99
87) Benzo(b)fluoranthene	14.83	252	513678	41.868	ng	98
88) Benzo(k)fluoranthene	14.86	252	535704	43.457	ng	99
89) Benzo(a)pyrene	15.17	252	504539	45.316	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	508811	55.644	ng	98
91) Benzo(g,h,i)perylene	16.98	276	543962	59.573	ng	99

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

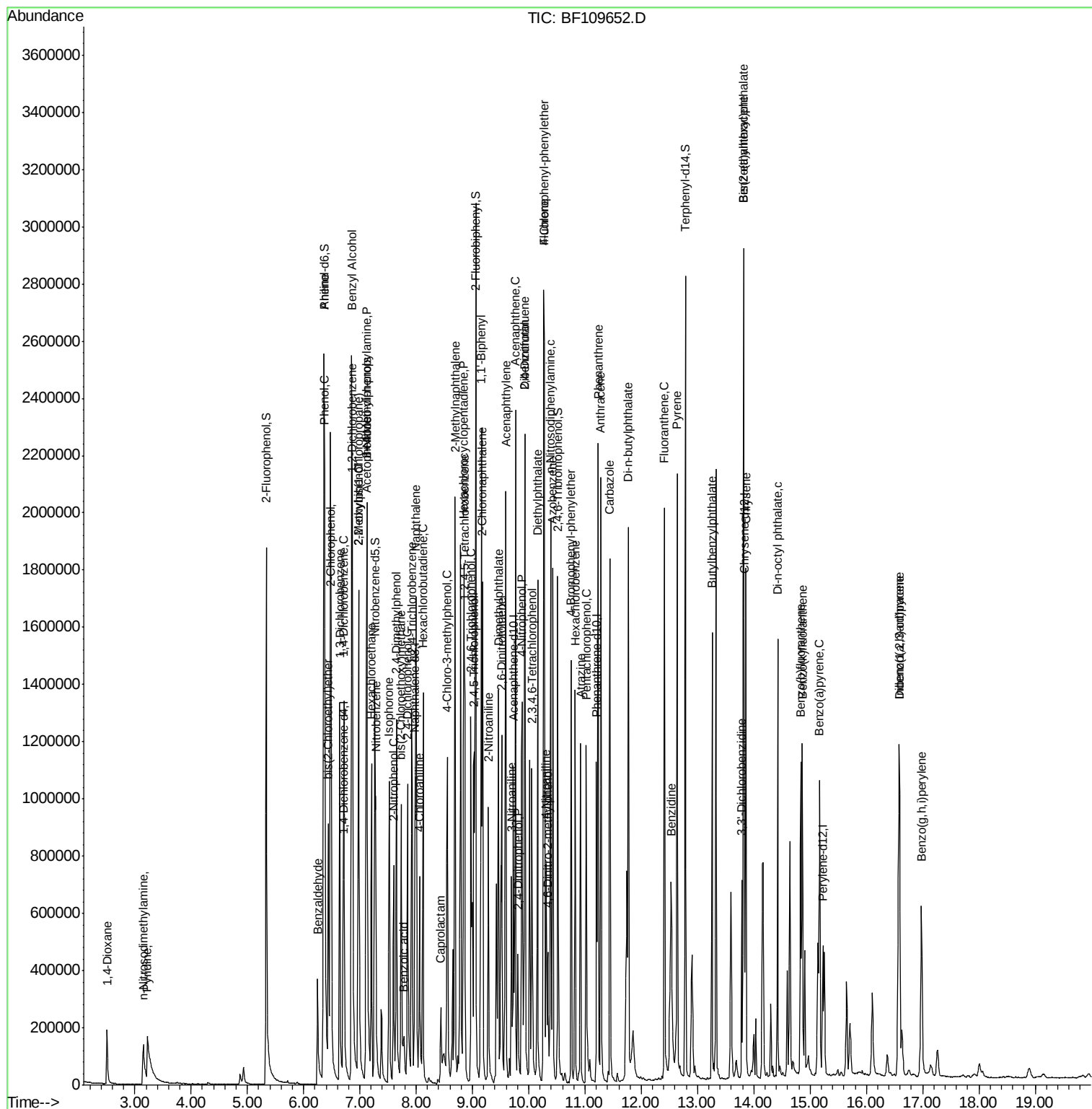
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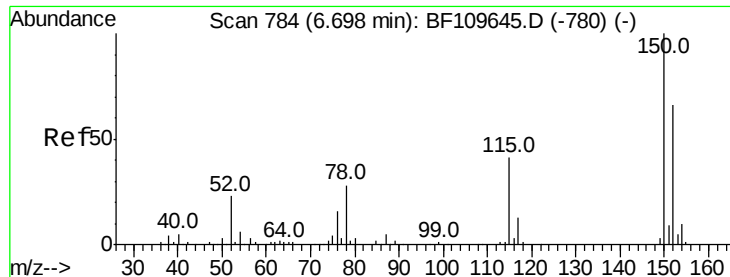
Instrument :
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#1

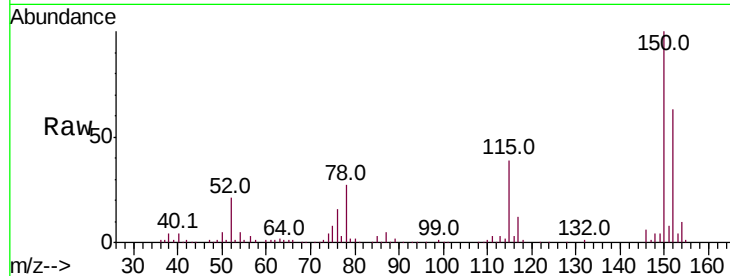
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.7	184.1
115	61.8	49.1	73.7

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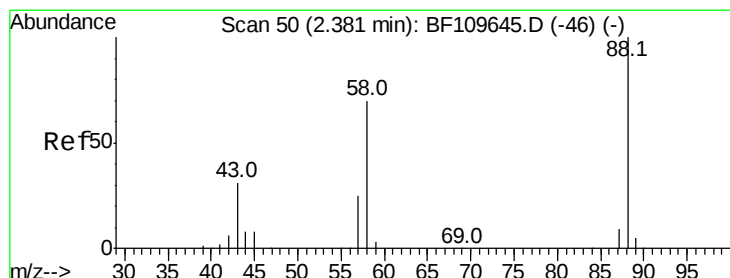
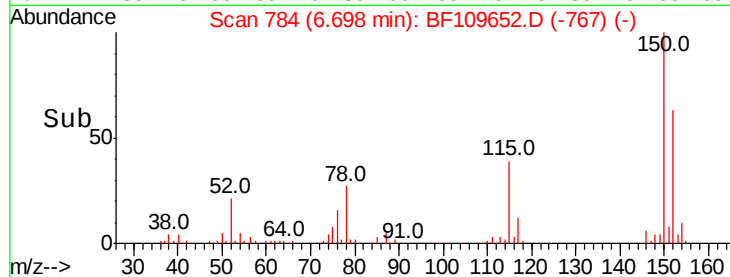
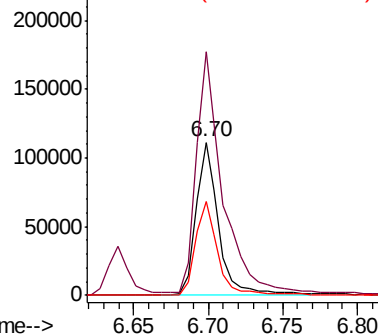


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

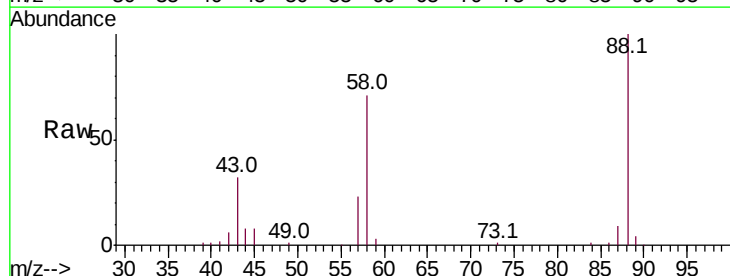
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.981 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.12 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	57.1	85.7
43	29.3	24.1	36.1

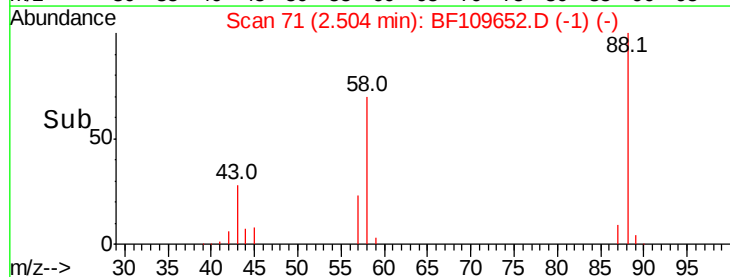
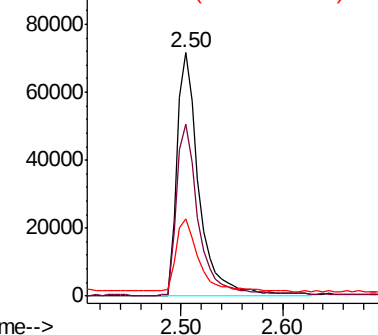


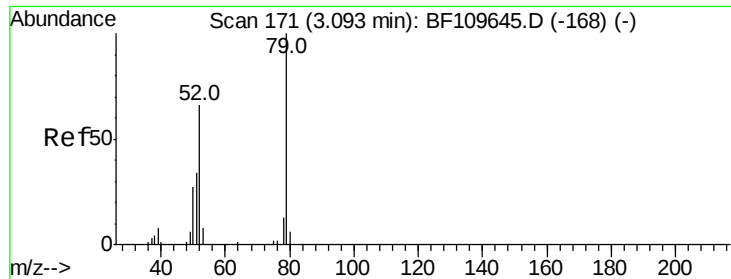
Abundance

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





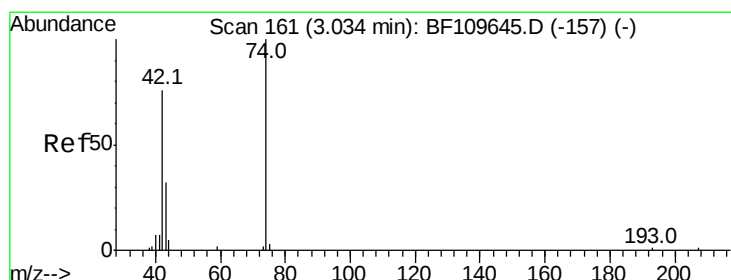
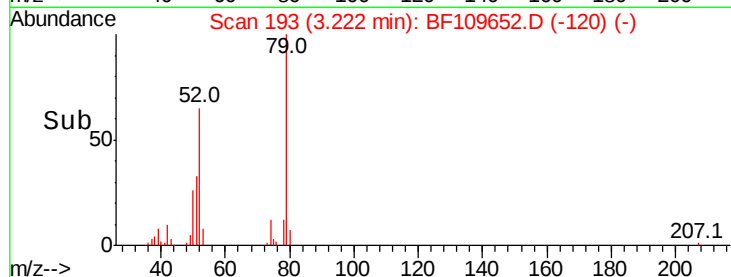
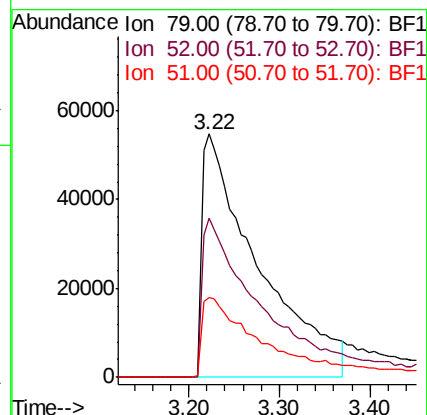
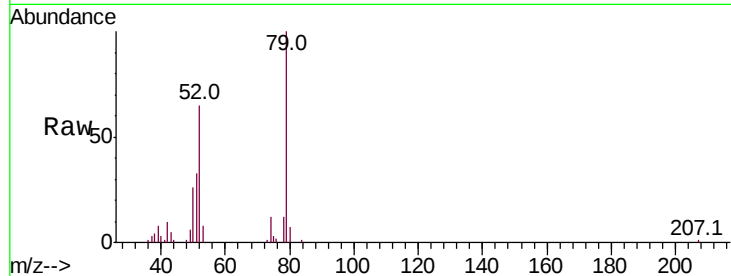
#3
 Pvridine
 Concen: 32.398 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.13 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.3	53.1	79.7
51	32.9	27.4	41.2

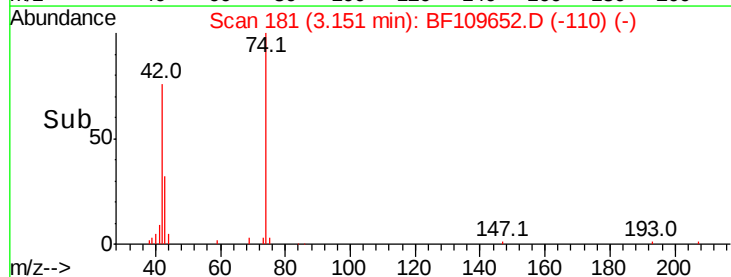
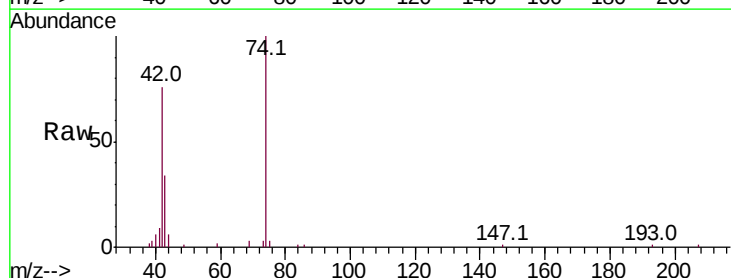
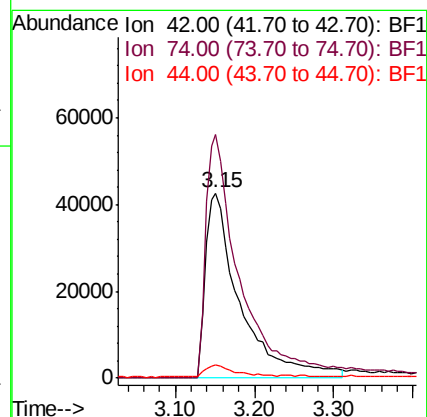
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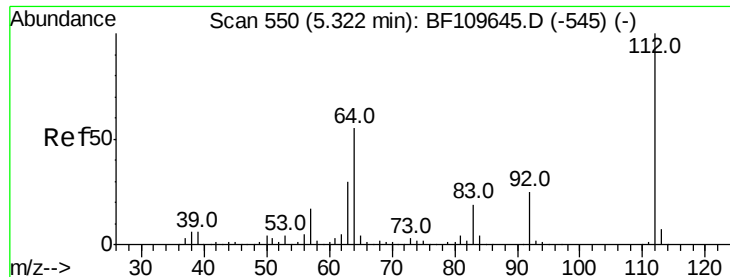
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#4
 n-Nitrosodimethylamine
 Concen: 49.756 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.12 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.6	105.5	158.3
44	7.5	4.9	7.3#





#5

2-Fluorophenol

Concen: 116.404 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

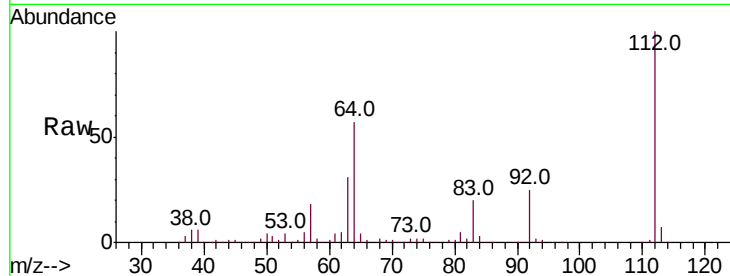
ClientSampleId :

PB113362BS

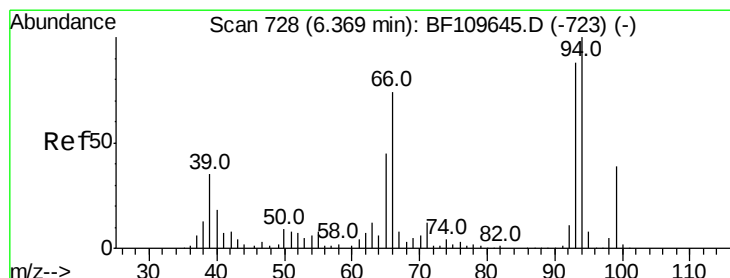
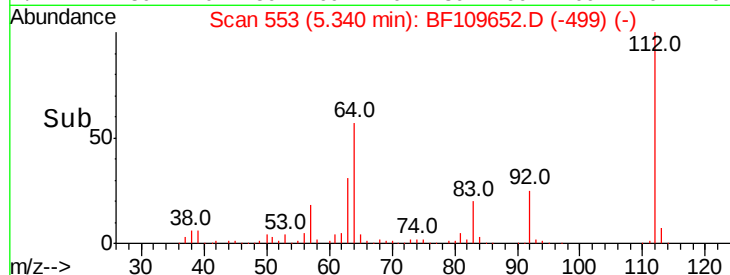
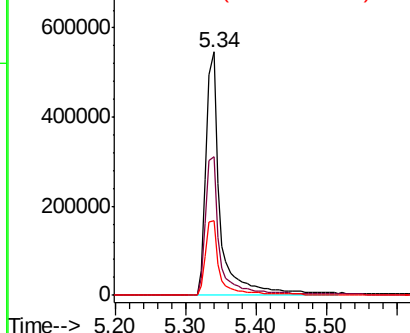
Tot Ion:	112	Resp:	778086
Ion Ratio	Lower	Upper	
112	100		
64	56.9	44.1	66.1
63	30.6	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.426 ng

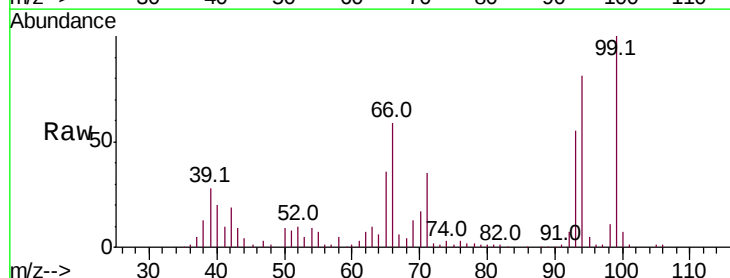
RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

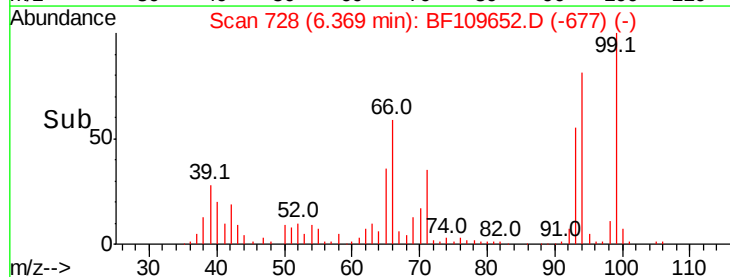
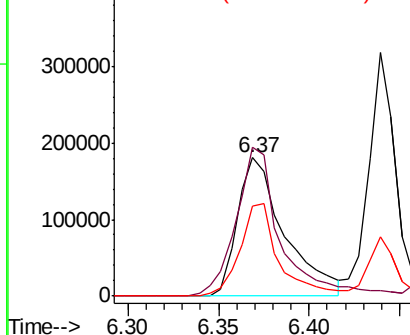
Lab File: BF109652.D

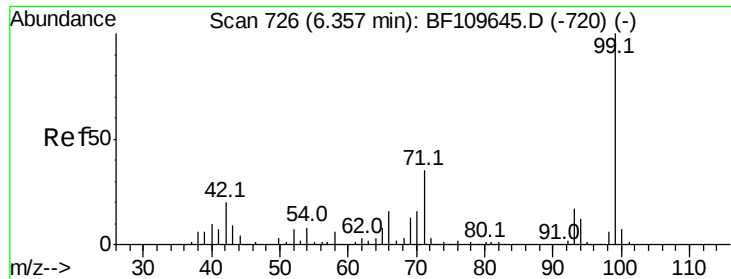
Acq: 8 Oct 2018 17:17

Tgt Ion:	93	Resp:	326898
Ion Ratio	Lower	Upper	
93	100		
66	107.4	67.4	101.0#
65	64.9	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.254 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

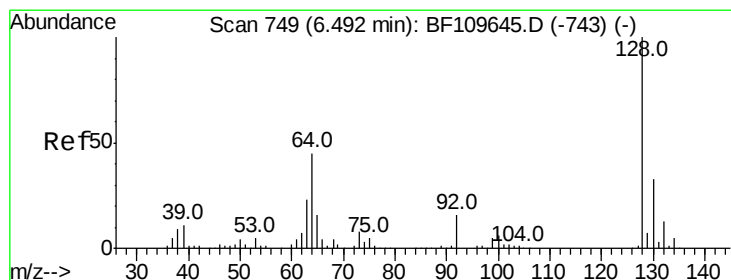
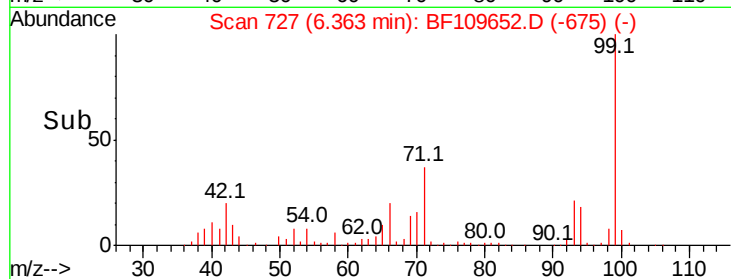
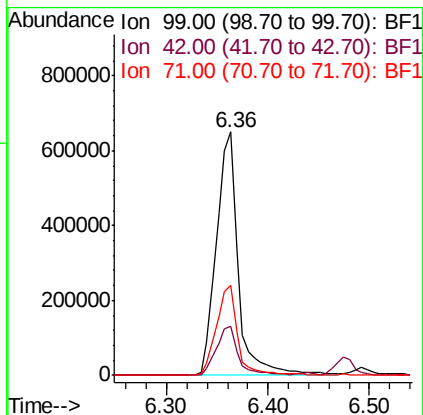
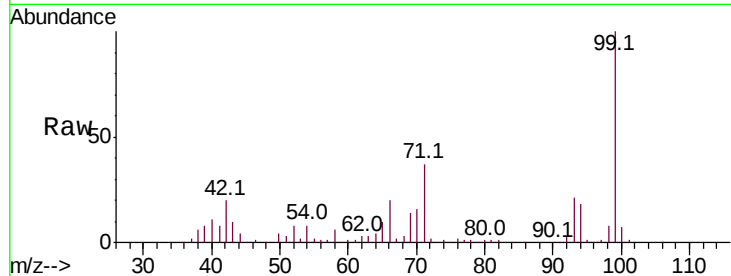
ClientSampled :

PB113362BS

Tot Ion:	99	Resp:	975582
Ion Ratio	Lower	Upper	
99	100		
42	20.2	15.8	23.6
71	36.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.037 ng

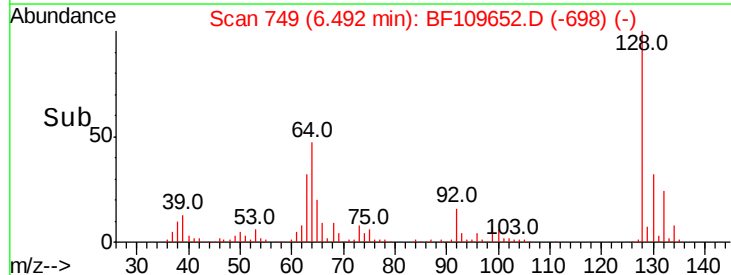
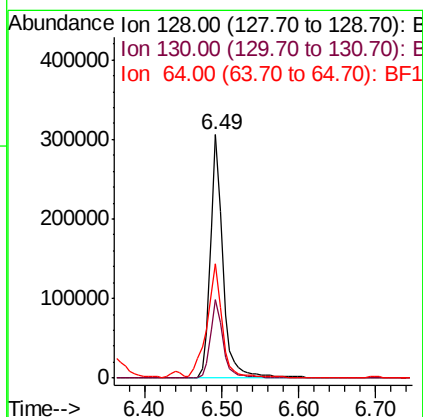
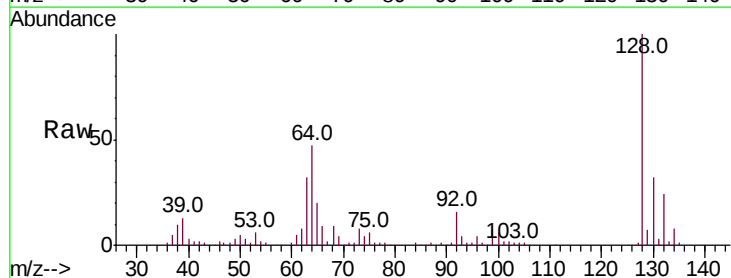
RT: 6.49 min Scan# 749

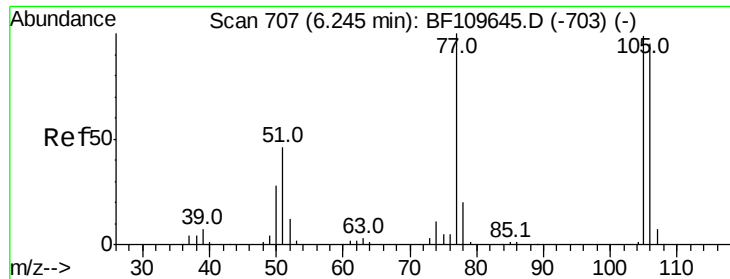
Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:	128	Resp:	345581
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	46.8	26.0	66.0





#9

Benzaldehyde

Concen: 22.464 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampled :

PB113362BS

Tot Ion: 77 Resp: 129083

Ion Ratio Lower Upper

77 100

105 96.5 78.6 118.6

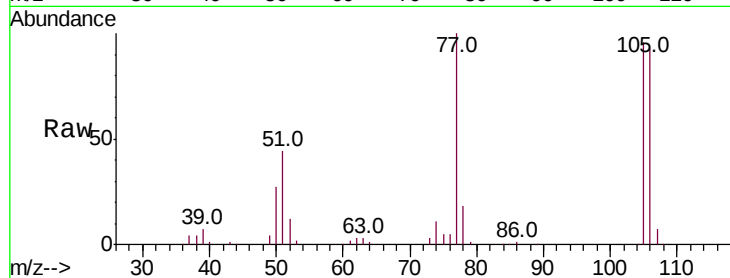
106 93.3 74.8 114.8

Manual Integrations

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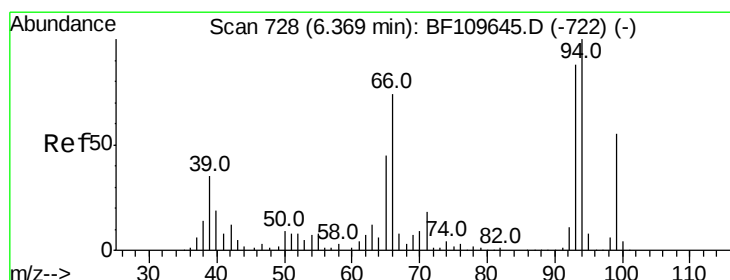
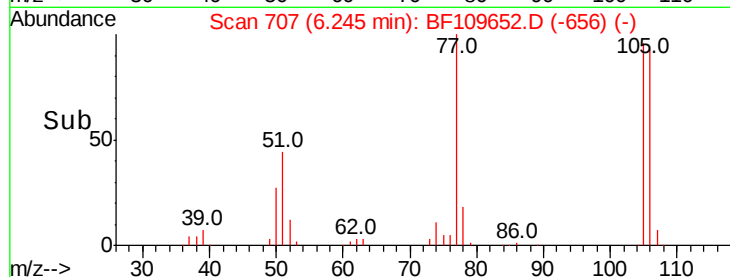
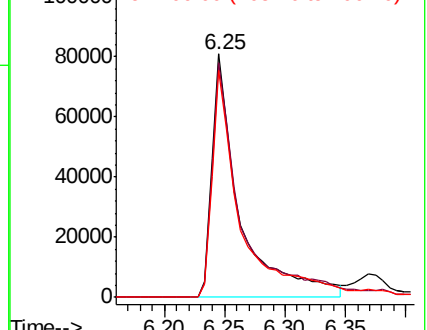
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.731 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

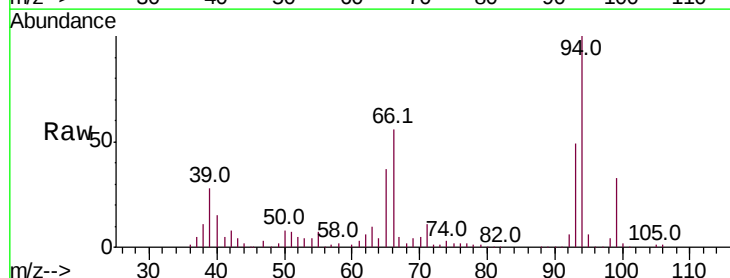
Tgt Ion: 94 Resp: 406823

Ion Ratio Lower Upper

94 100

65 36.6 25.3 65.3

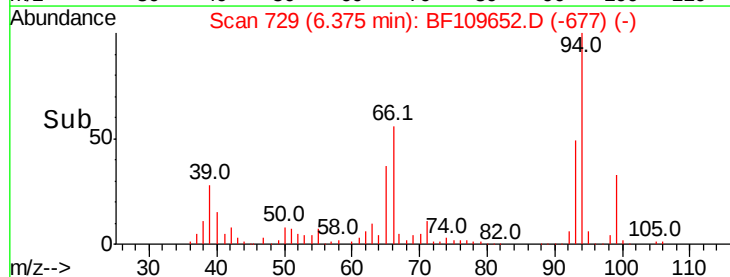
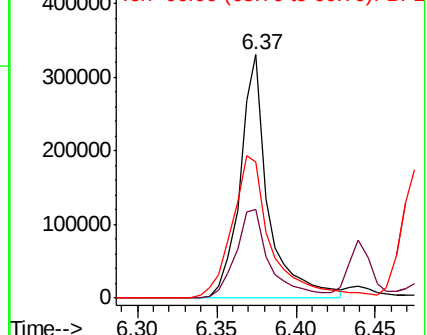
66 55.8 54.5 94.5

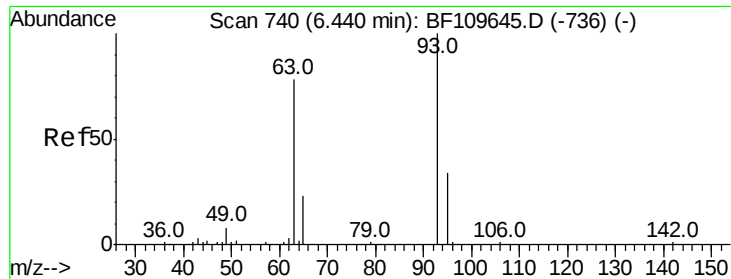


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





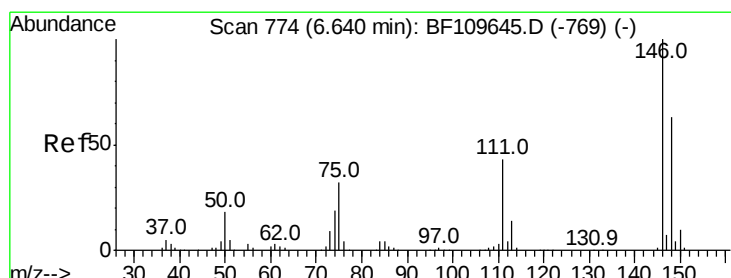
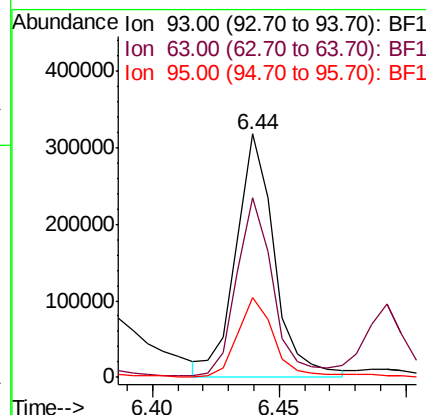
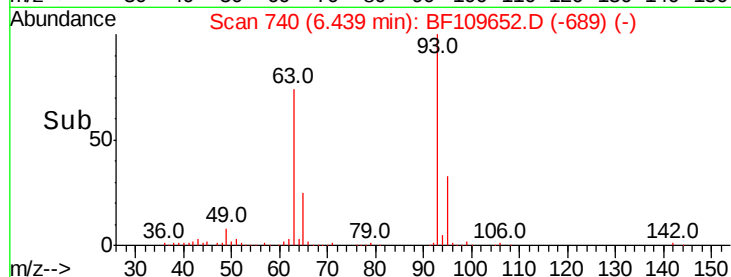
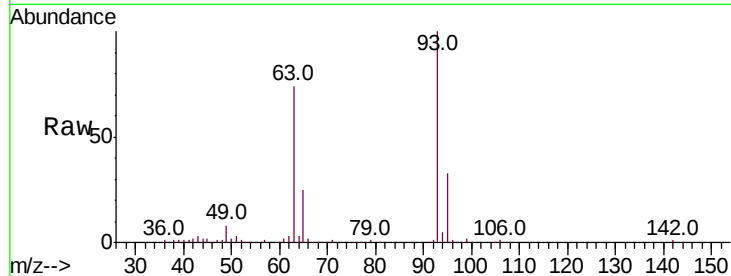
#11
bis(2-Chloroethyl)ether
Concen: 39.406 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	53.4	93.4
95	33.0	12.1	52.1

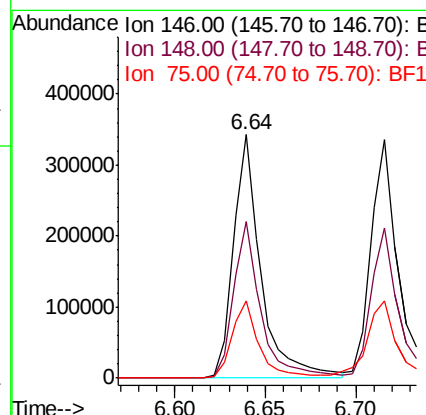
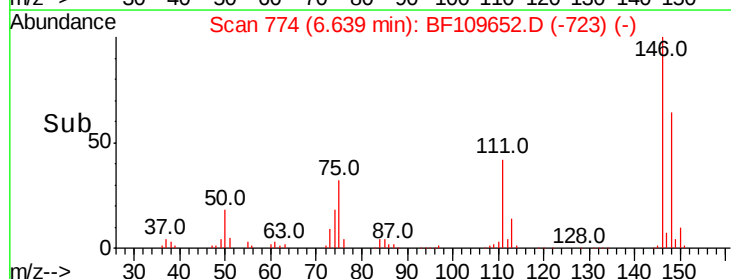
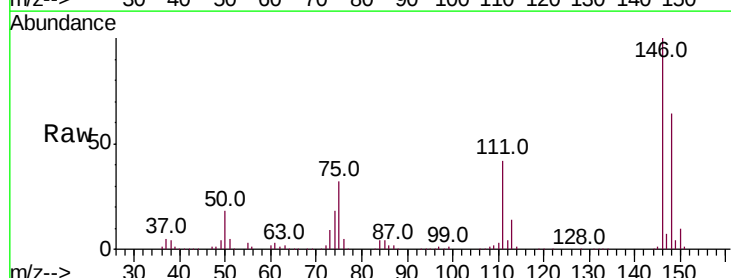
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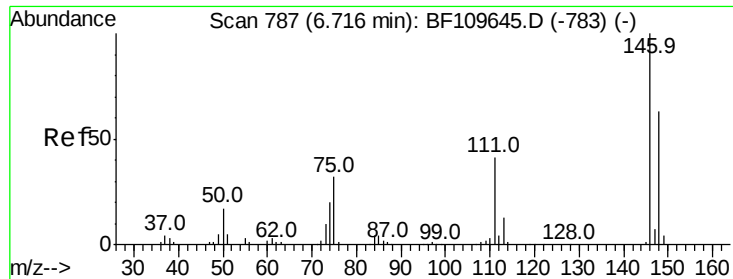
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.614 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	31.8	25.8	38.6





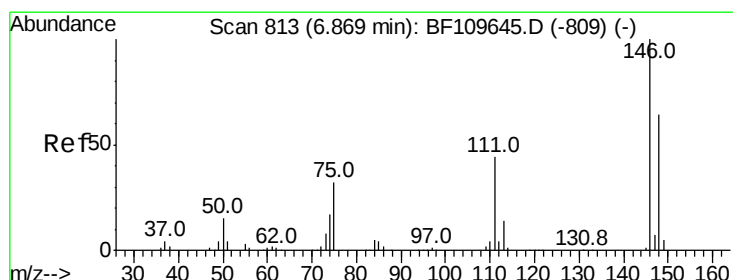
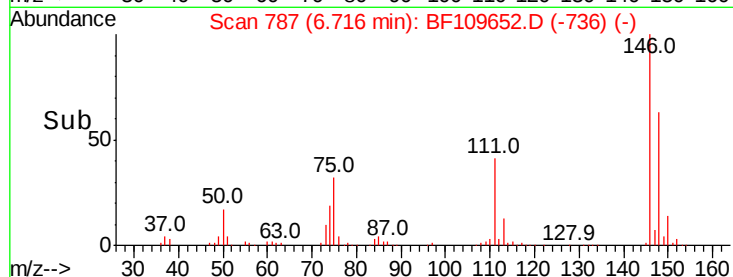
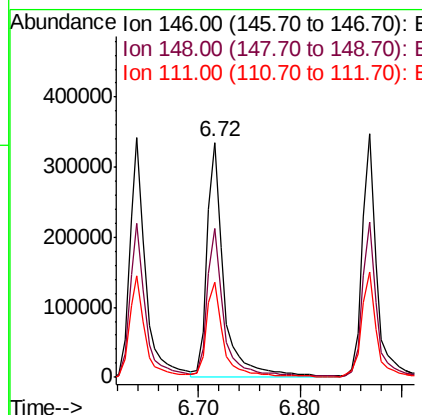
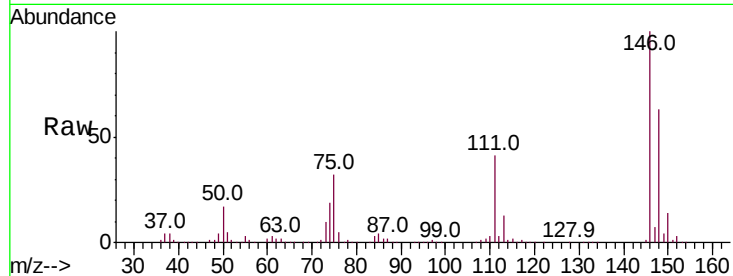
#13
 1,4-Dichlorobenzene
 Concen: 37.851 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	40.7	32.7	49.1

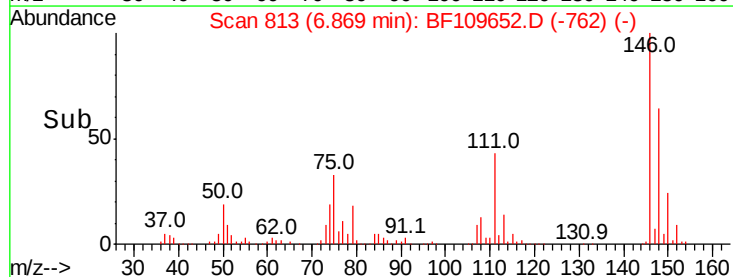
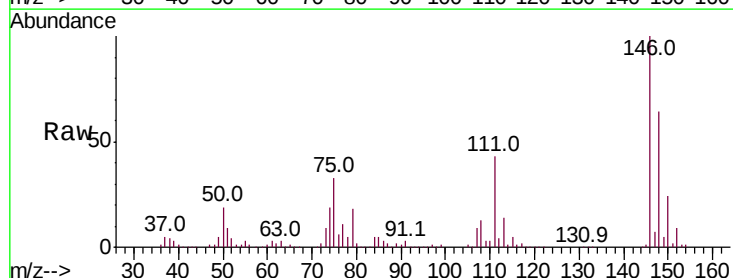
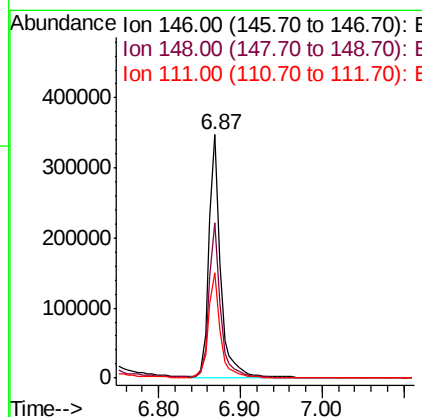
Manual Integrations
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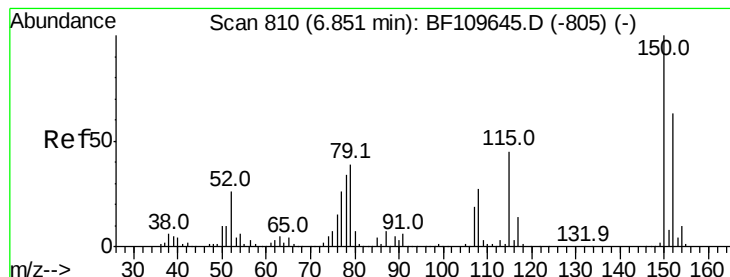
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.234 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	43.3	35.8	53.6





#15

Benzyl Alcohol

Concen: 43.711 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

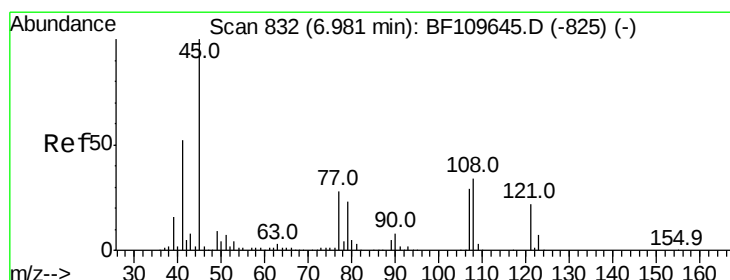
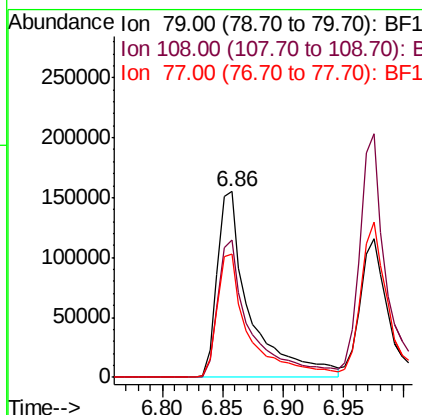
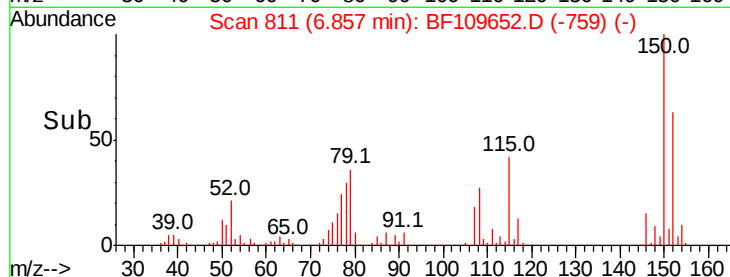
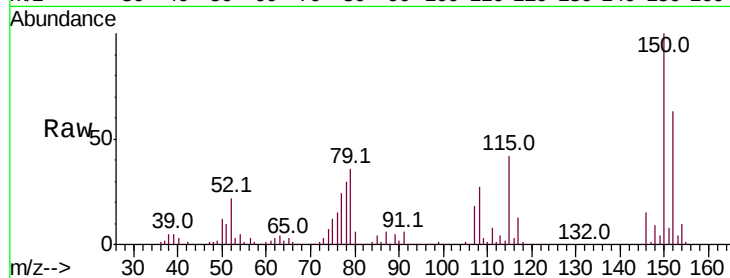
ClientSampled :

PB113362BS

Tot Ion:	79	Resp:	289364
Ion Ratio	Lower	Upper	
79	100		
108	73.8	56.3	84.5
77	66.7	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.265 ng

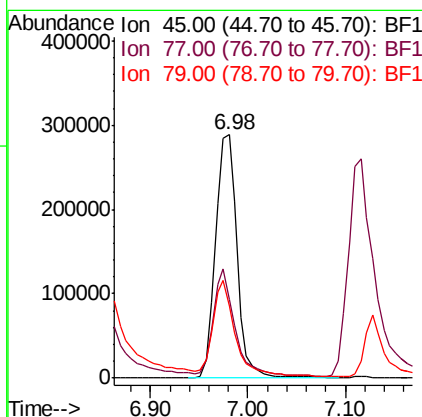
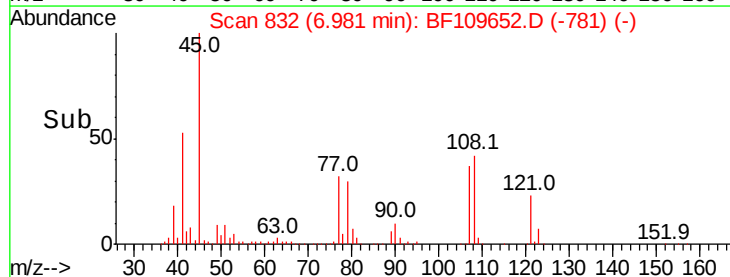
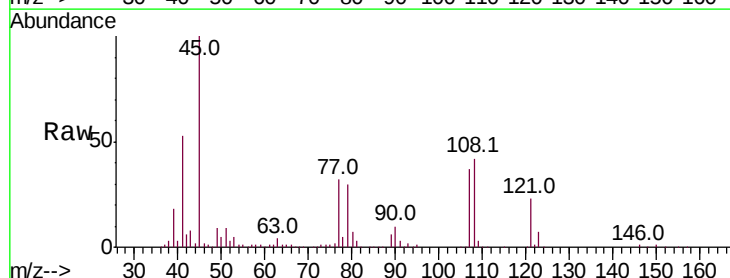
RT: 6.98 min Scan# 832

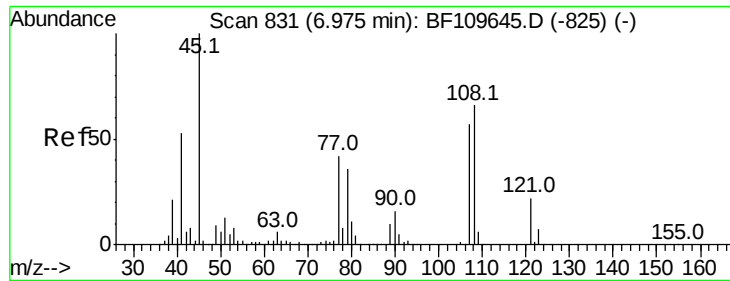
Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:	45	Resp:	441966
Ion Ratio	Lower	Upper	
45	100		
77	32.4	10.0	50.0
79	29.7	6.1	46.1





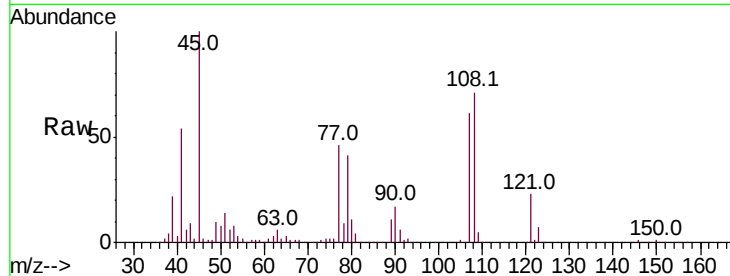
#17
2-Methylphenol
Concen: 42.081 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

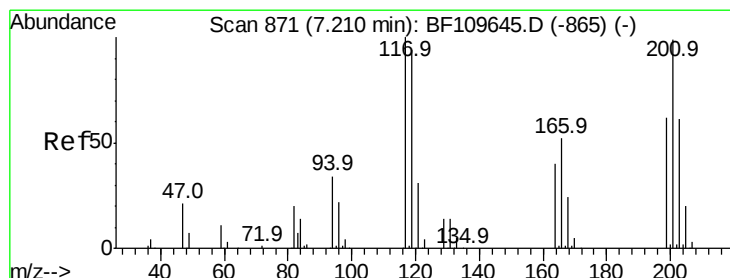
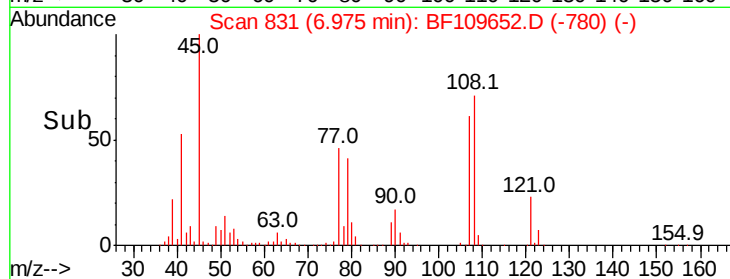
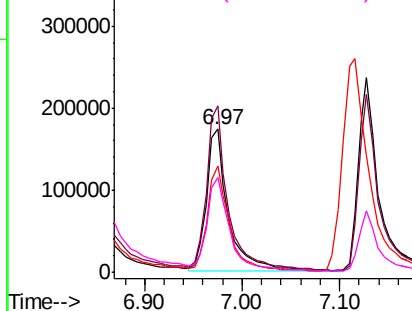
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	92.6	138.8	
77	74.5	59.4	89.2	
79	66.2	54.0	81.0	

Manual Integrations
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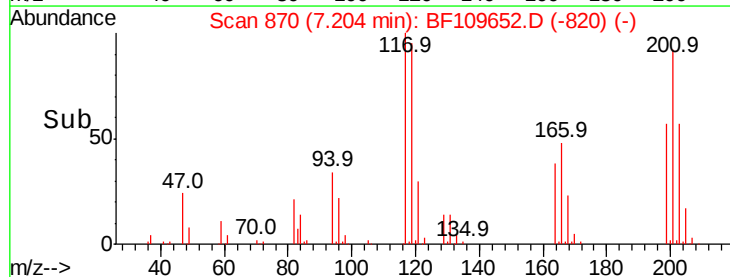
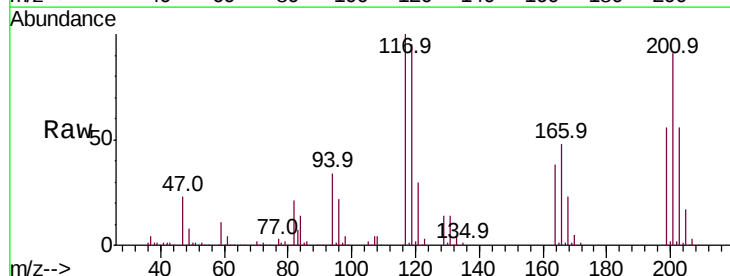
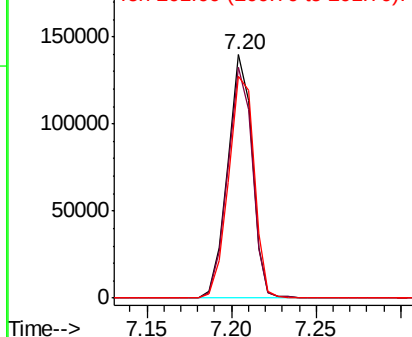
Abundance Ion 107.00 (106.70 to 107.70): E
400000 Ion 108.00 (107.70 to 108.70): E
300000 Ion 77.00 (76.70 to 77.70): BF1
200000 Ion 79.00 (78.70 to 79.70): BF1
100000
0

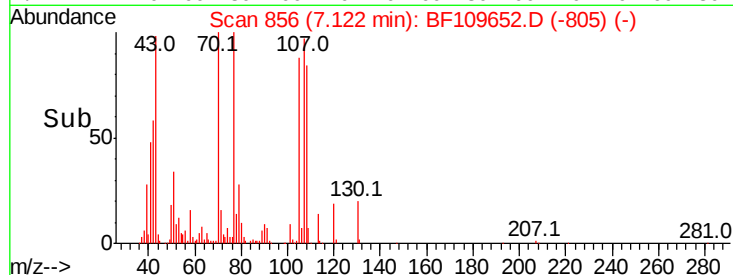
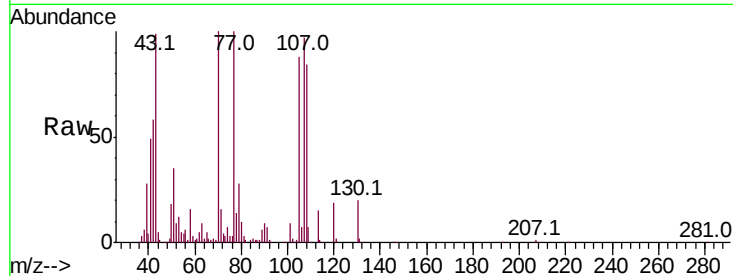
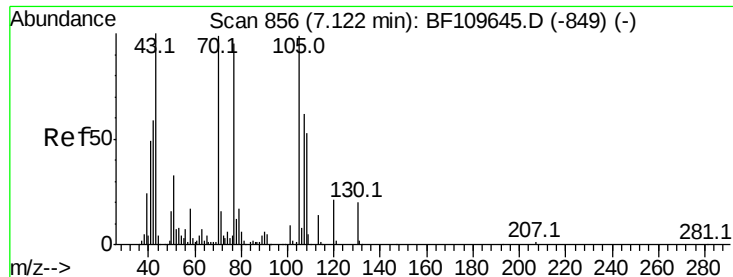


#18
Hexachloroethane
Concen: 38.828 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.0	112.6	
201	91.3	79.2	118.8	

Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
100000 Ion 201.00 (200.70 to 201.70): E
50000
0





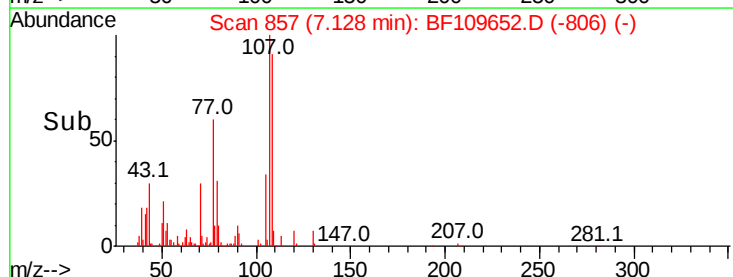
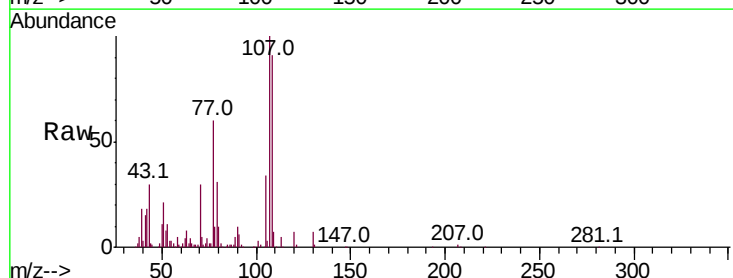
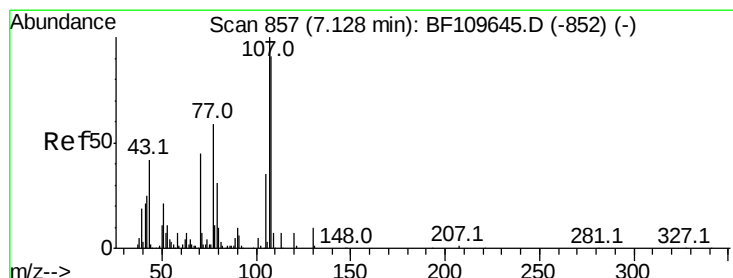
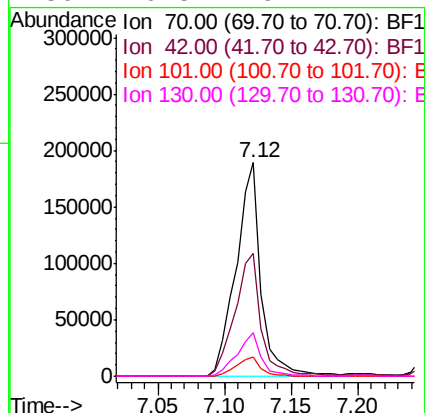
#19
n-Nitroso-di-n-propylamine
Concen: 39.760 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampled :
PB113362BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.4	71.2
101	9.2	7.3	10.9
130	20.5	16.2	24.2

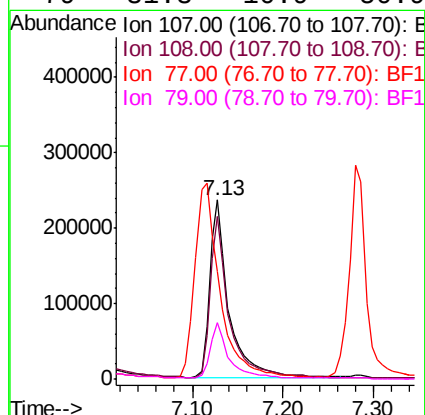
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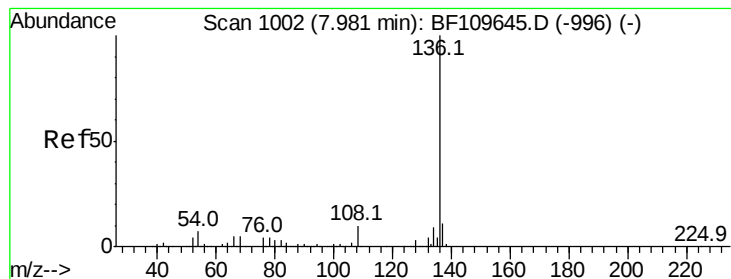
Sohil
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#20
3+4-Methylphenols
Concen: 43.303 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.4	111.4
77	59.9	47.3	87.3
79	31.3	10.9	50.9





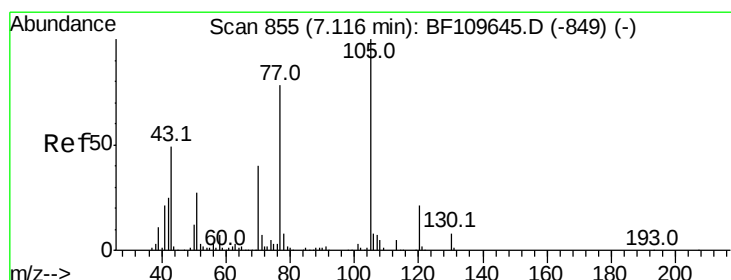
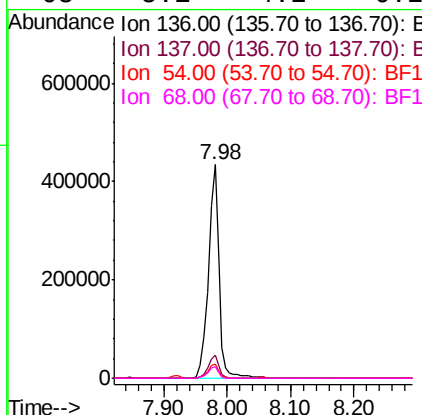
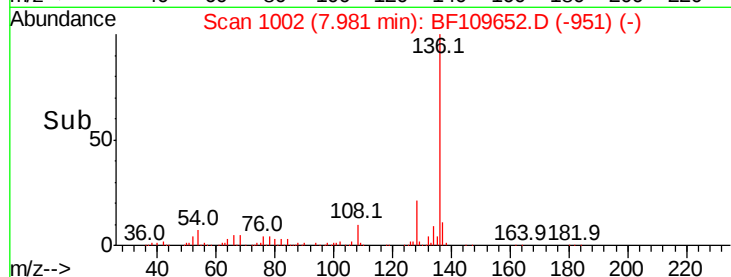
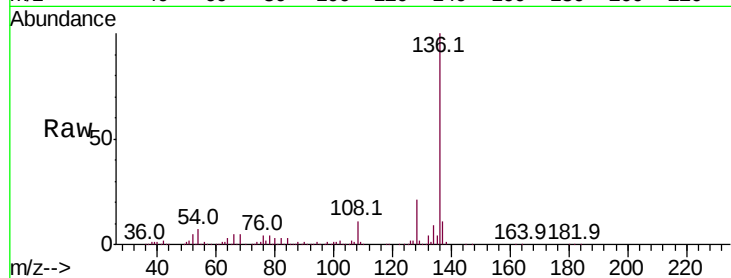
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	510196		
137	10.8		8.8	13.2
54	6.8		5.4	8.2
68	5.1		4.2	6.2

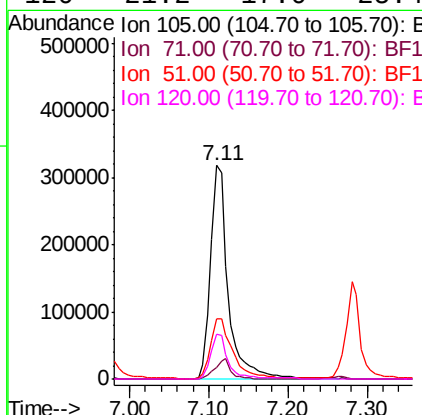
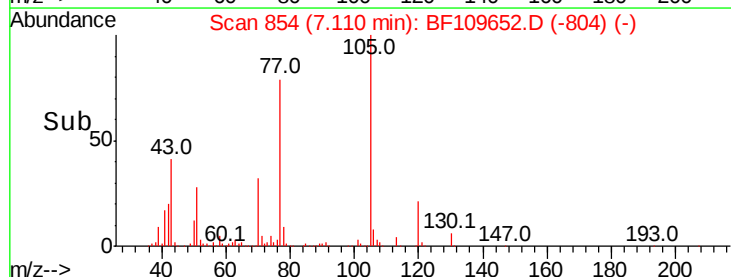
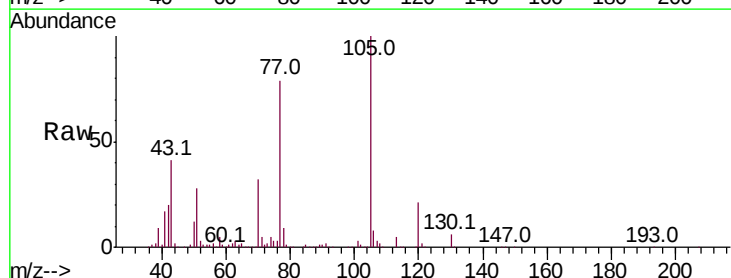
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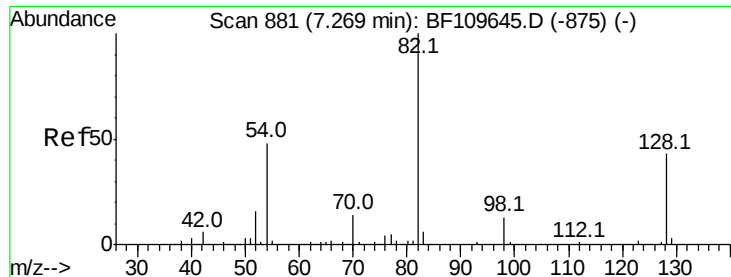
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#22
Acetophenone
Concen: 40.483 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	499461		
71	5.4		5.2	7.8
51	27.9		21.8	32.8
120	21.2		17.0	25.4





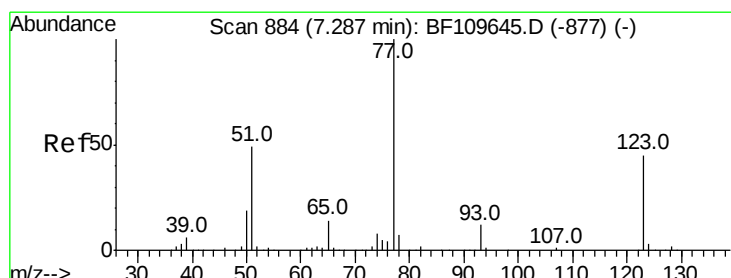
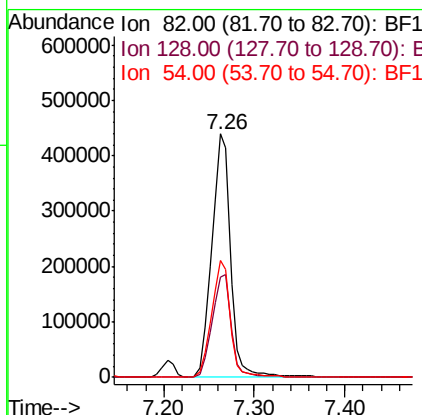
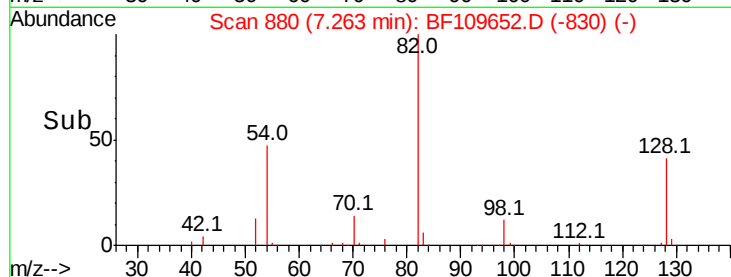
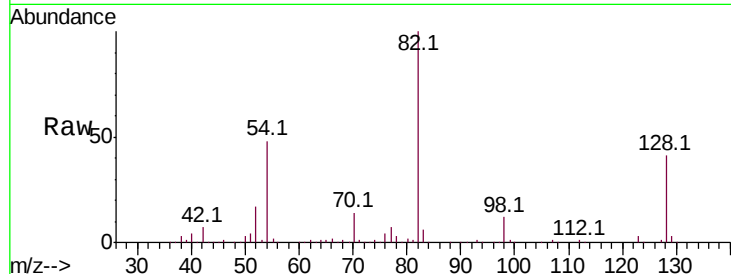
#23
 Nitrobenzene-d5
 Concen: 68.775 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.2	51.2
54	48.2	38.6	58.0

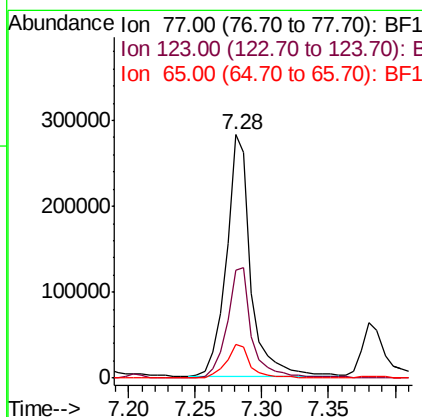
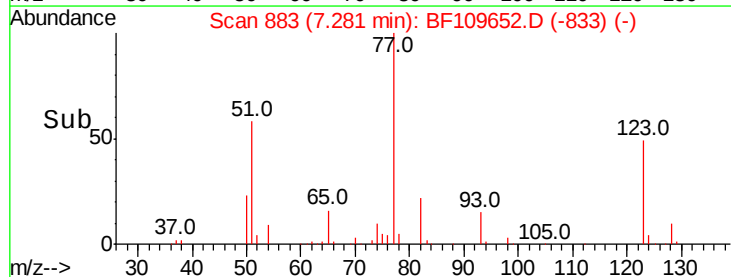
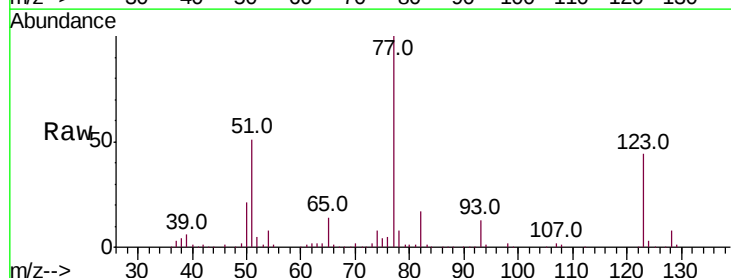
Manual Integrations
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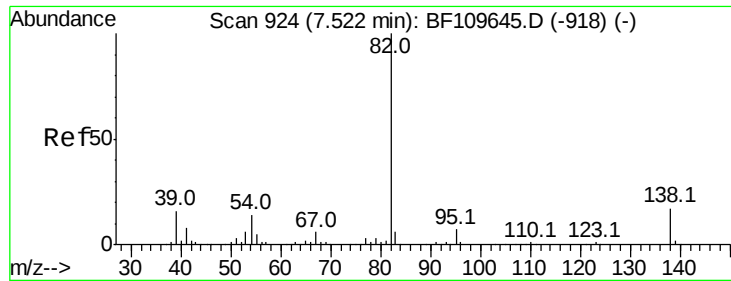
Sohil
 10/9/2018 2:57:24 PM



#24
 Nitrobenzene
 Concen: 37.897 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.7	53.5
65	13.8	10.7	16.1





#25

Isophorone

Concen: 44.655 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

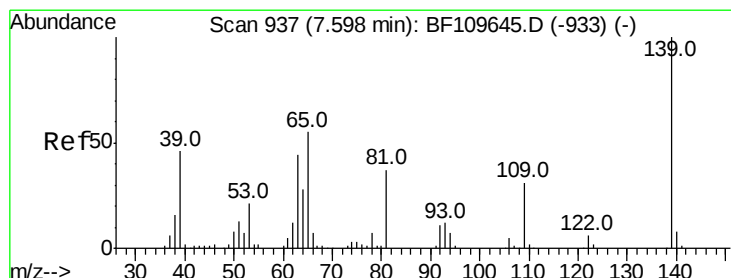
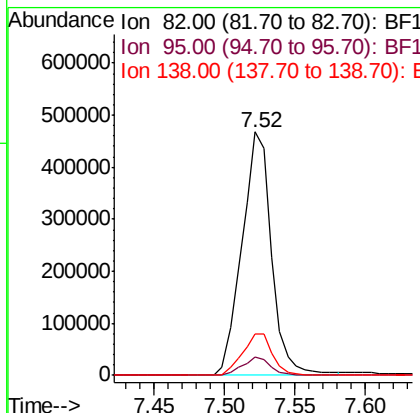
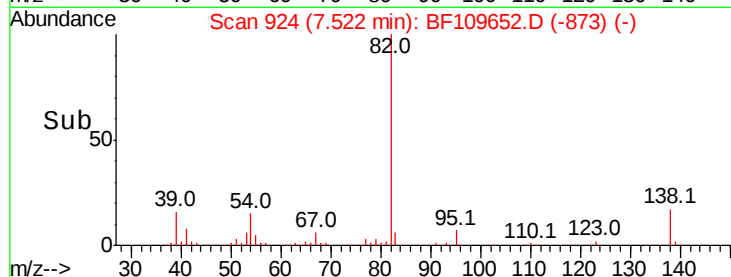
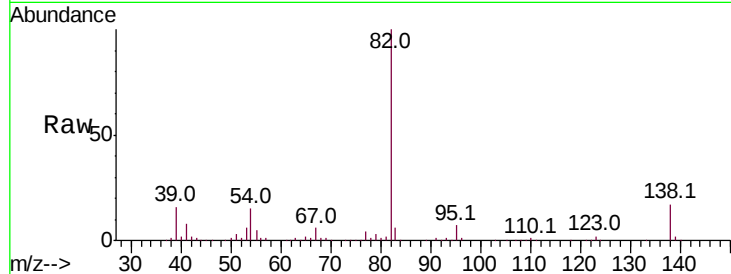
ClientSampleId :

PB113362BS

Tot Ion:	82	Resp:	686322
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	16.7	13.2	19.8

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#26

2-Nitrophenol

Concen: 40.945 ng

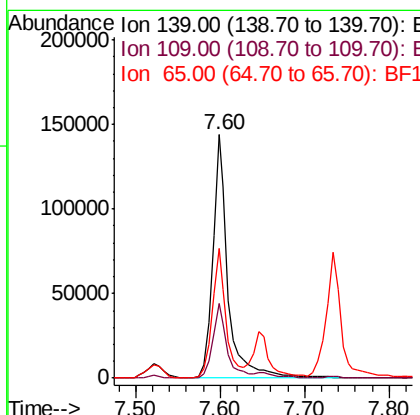
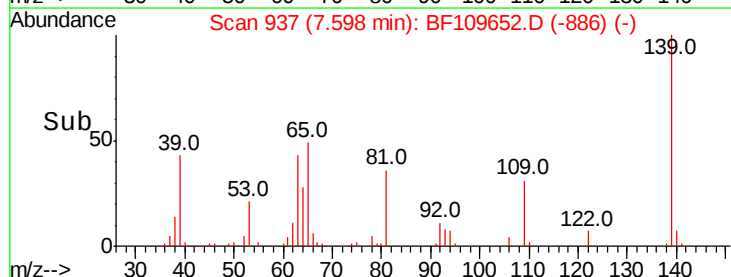
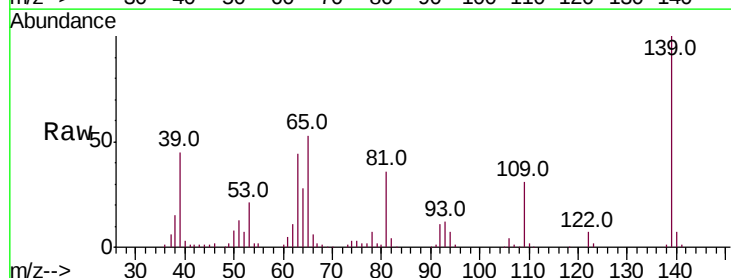
RT: 7.60 min Scan# 937

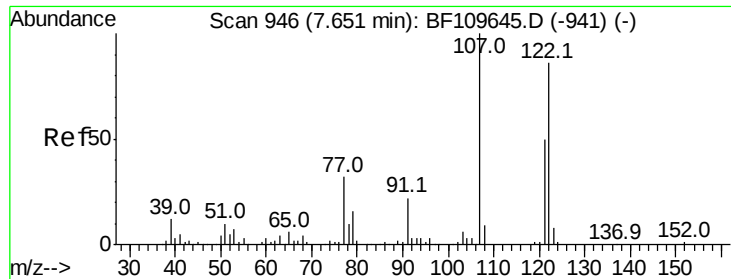
Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:	139	Resp:	184451
Ion Ratio	Lower	Upper	
139	100		
109	30.6	25.0	37.6
65	53.1	44.0	66.0





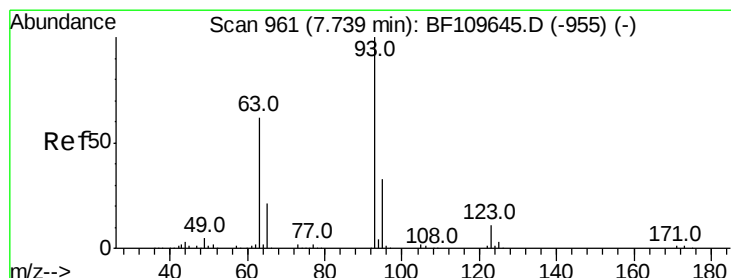
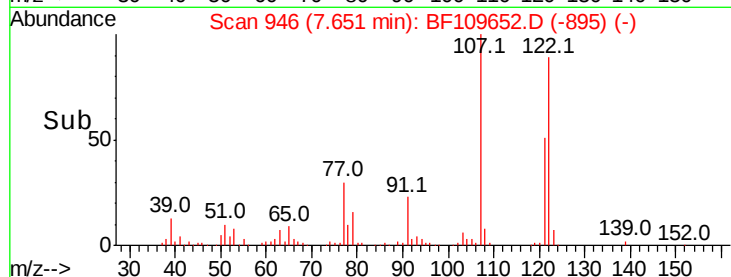
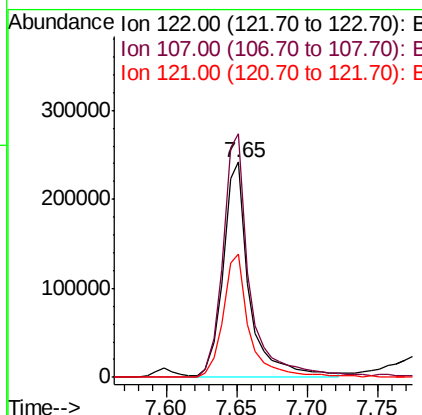
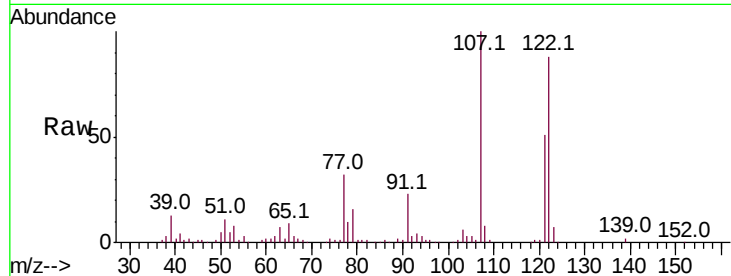
#27
2,4-Dimethylphenol
Concen: 47.691 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.2	92.5	138.7	
121	57.2	45.8	68.8	

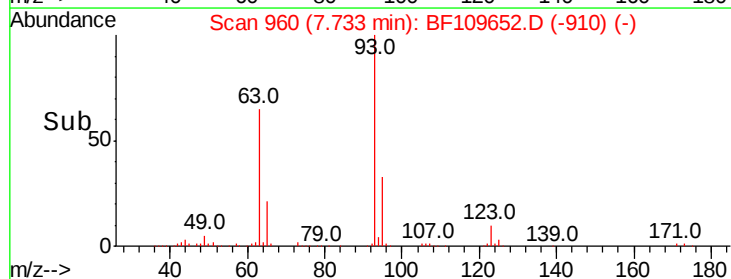
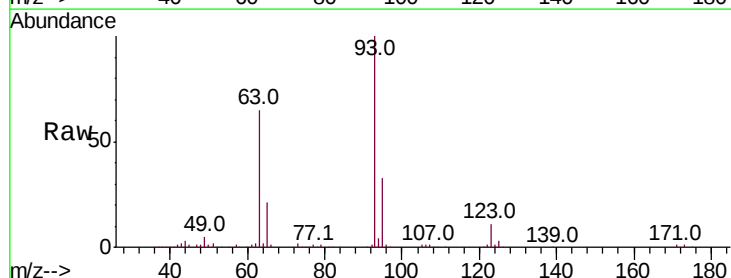
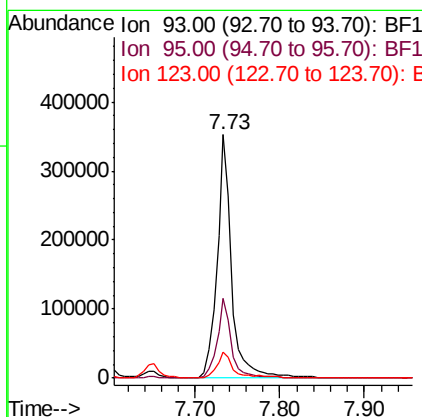
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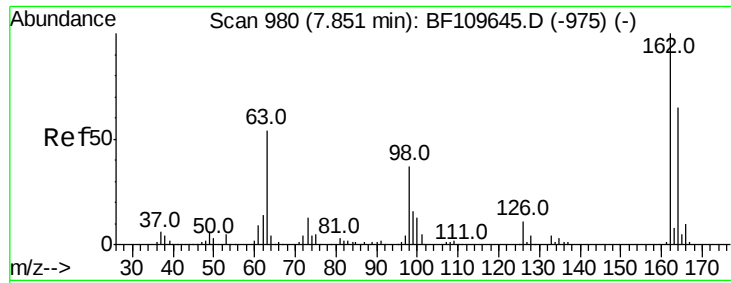
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#28
bis(2-Chloroethoxy)methane
Concen: 40.969 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	26.4	39.6	
123	10.6	9.0	13.6	





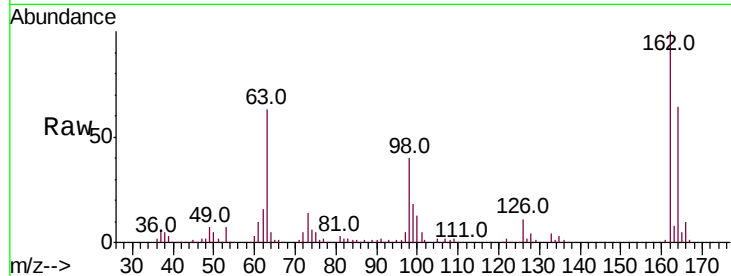
#29
2,4-Dichlorophenol
Concen: 41.092 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampled :
PB113362BS

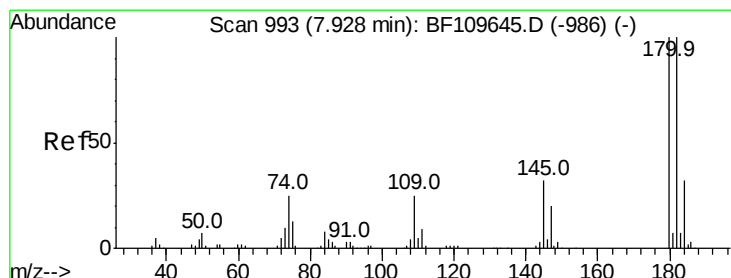
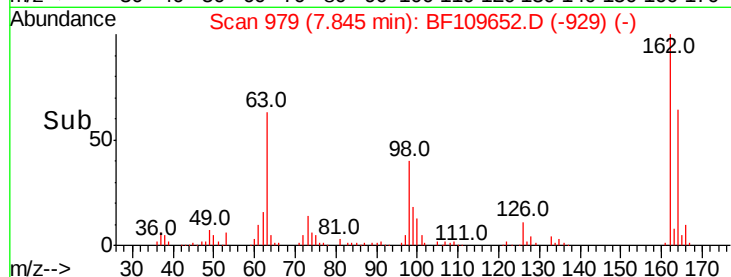
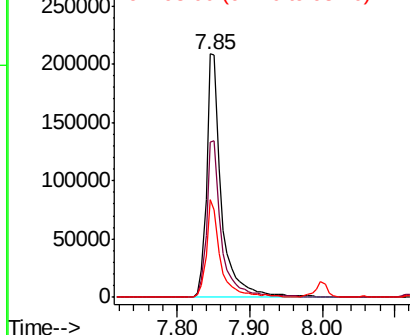
Tot Ion:	162	Resp:	299836
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.6	84.6
98	40.1	17.4	57.4

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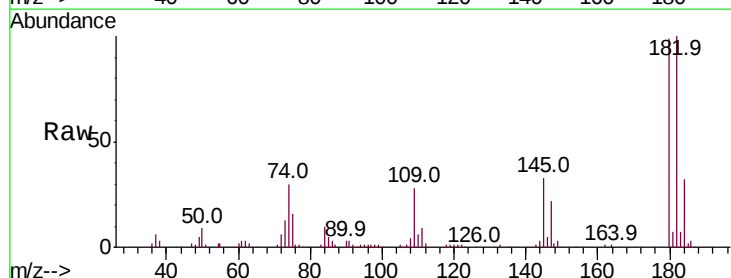


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

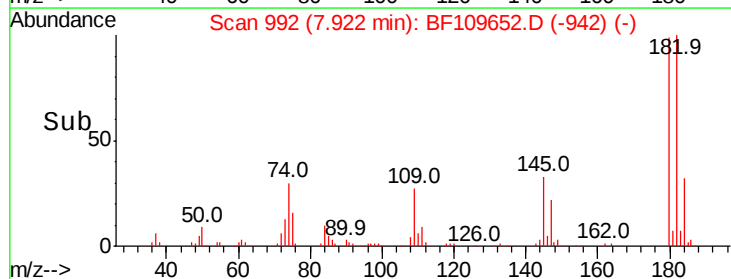
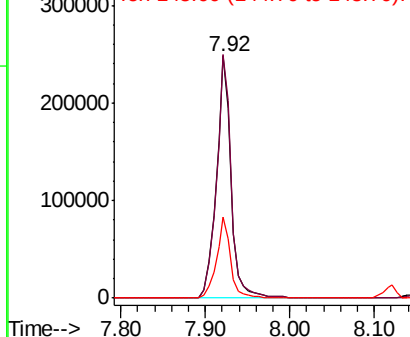


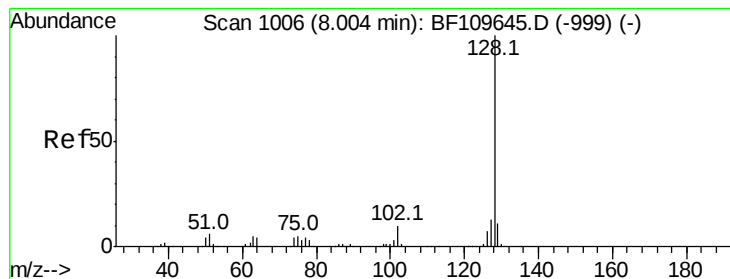
#30
1,2,4-Trichlorobenzene
Concen: 37.972 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:	180	Resp:	306720
Ion Ratio	Lower	Upper	
180	100		
182	100.6	80.3	120.5
145	33.7	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: 41.580 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

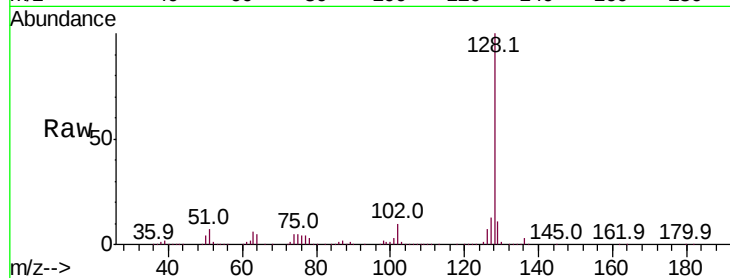
ClientSampled :

PB113362BS

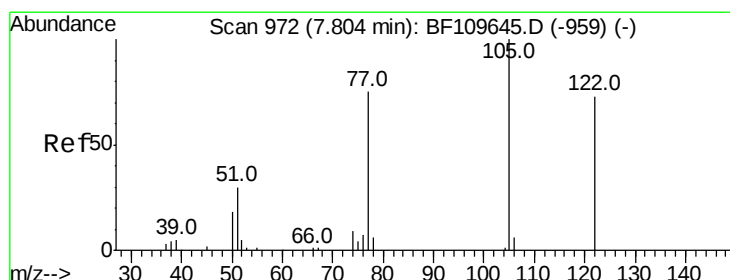
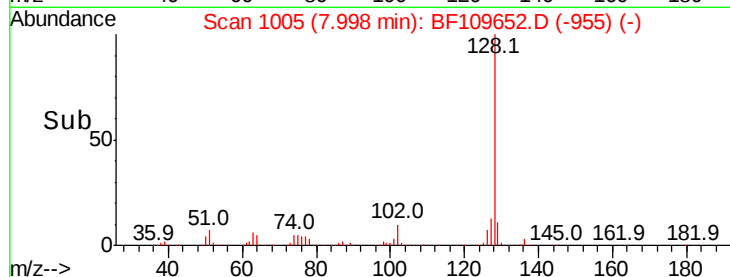
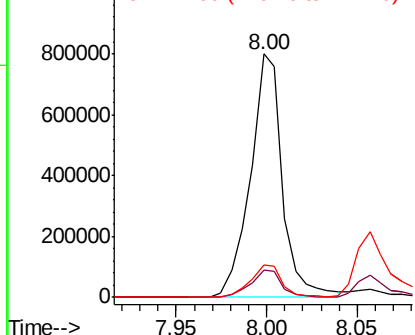
Tot Ion:	128	Resp:	981083
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.2	10.8	16.2

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.671 ng

RT: 7.78 min Scan# 968

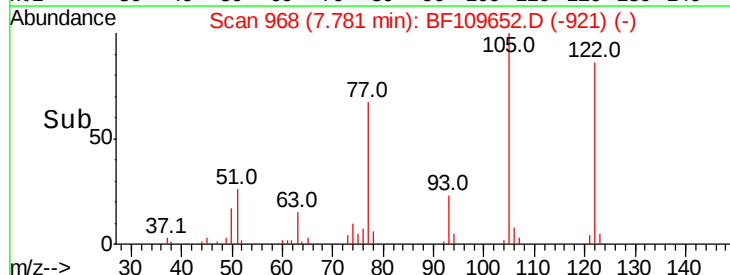
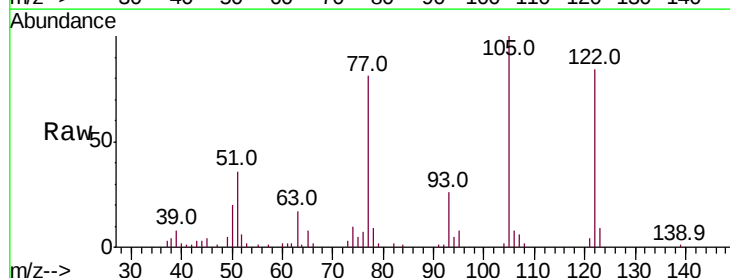
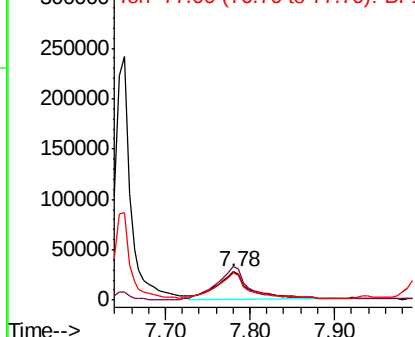
Delta R.T. -0.02 min

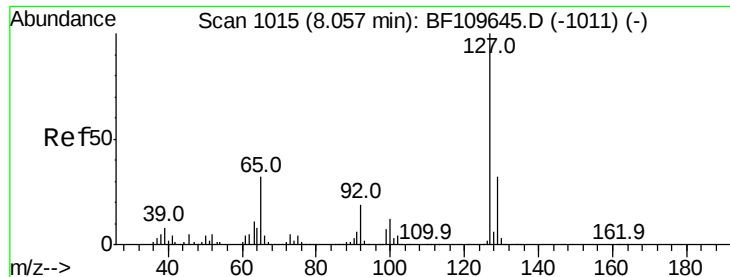
Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:	122	Resp:	72884
Ion Ratio	Lower	Upper	
122	100		
105	118.4	109.0	149.0
77	95.3	79.0	119.0

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





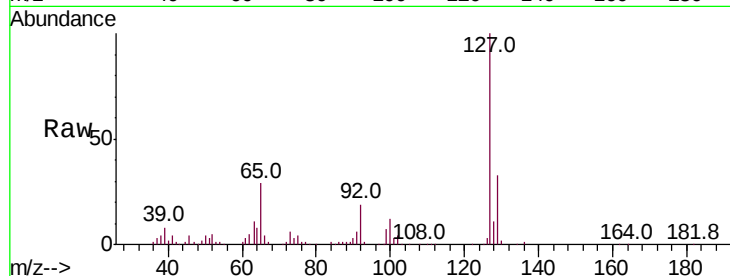
#33
4-Chloroaniline
Concen: 28.932 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.0	39.0	
65	29.0	25.1	37.7	
92	18.7	15.0	22.6	

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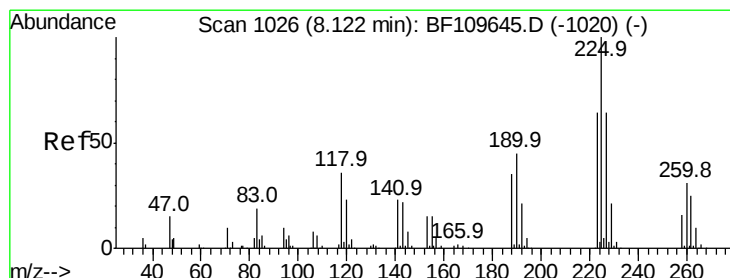
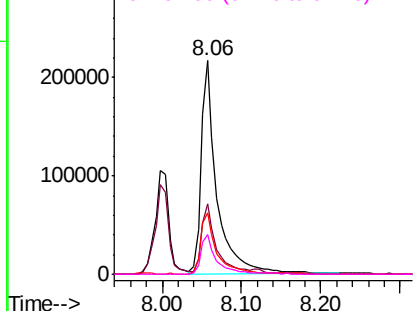
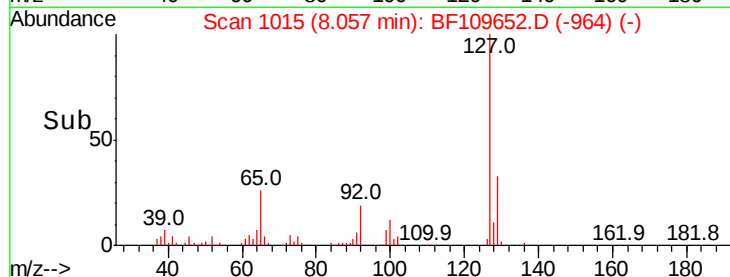
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

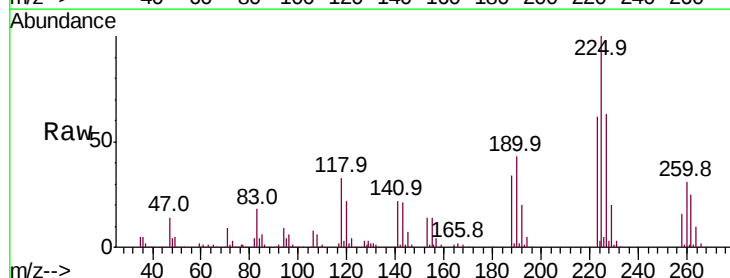
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.464 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	51.4	77.2	
227	63.2	51.0	76.6	

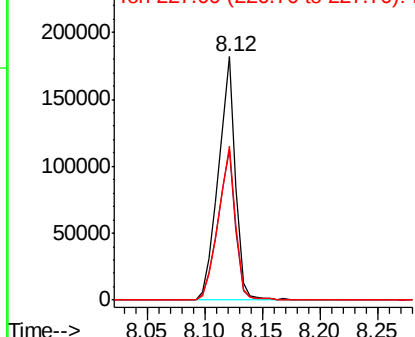
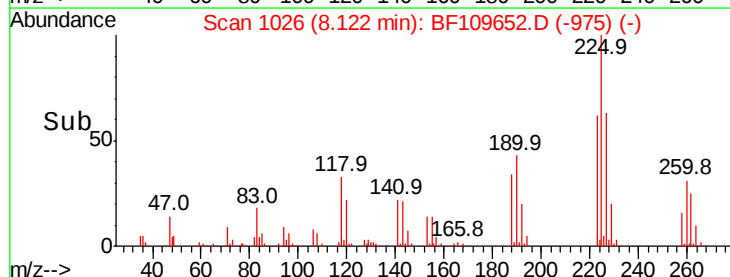


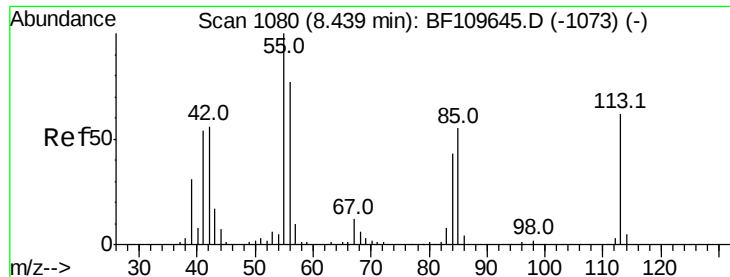
Abundance

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





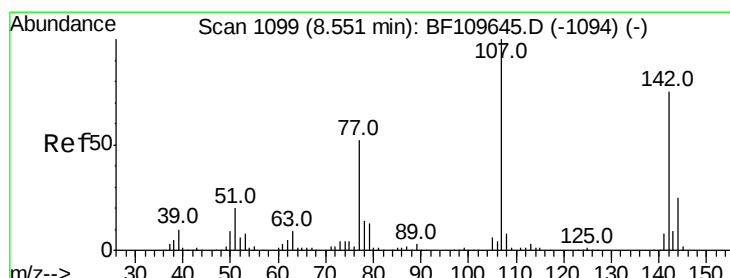
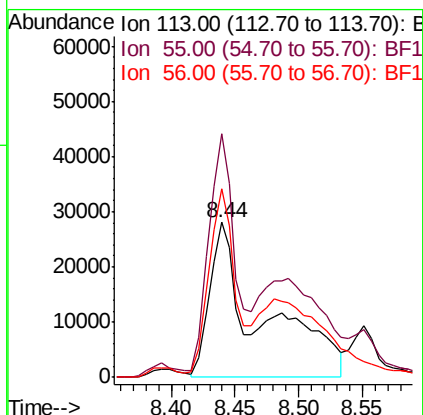
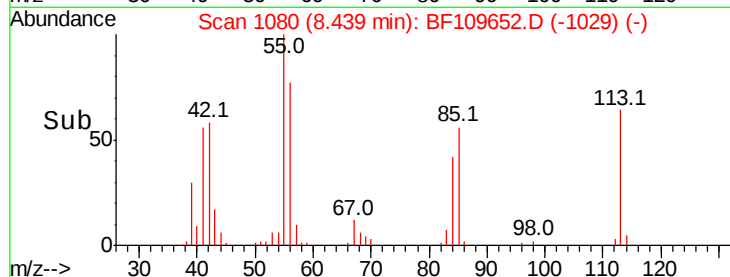
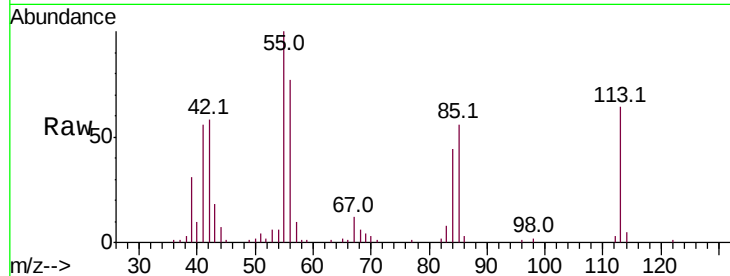
#35
Caprolactam
Concen: 36.079 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleID :
PB113362BS

Tot Ion:113 Resp: 78620
Ion Ratio Lower Upper
113 100
55 157.3 142.8 182.8
56 121.9 105.0 145.0

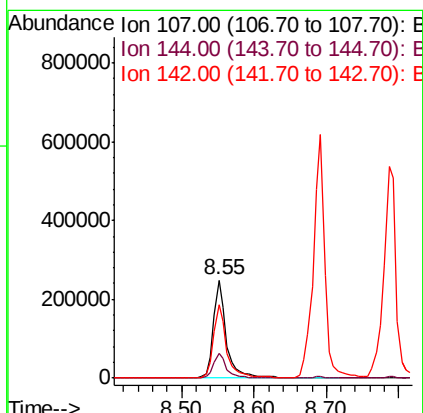
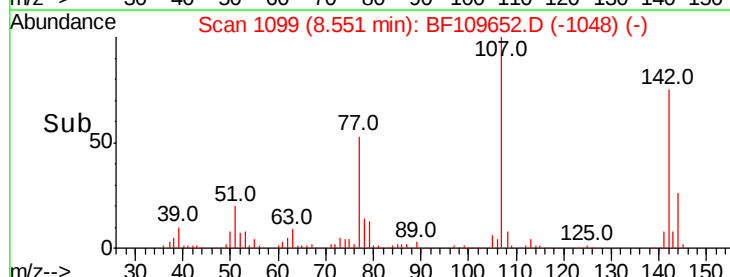
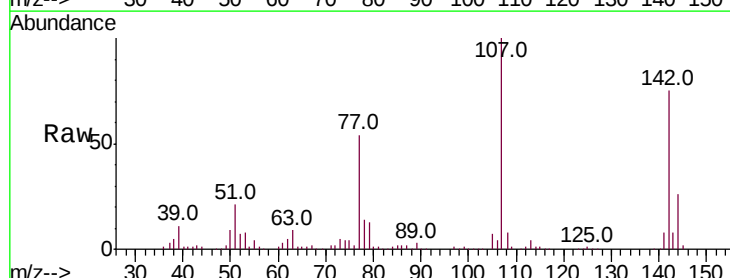
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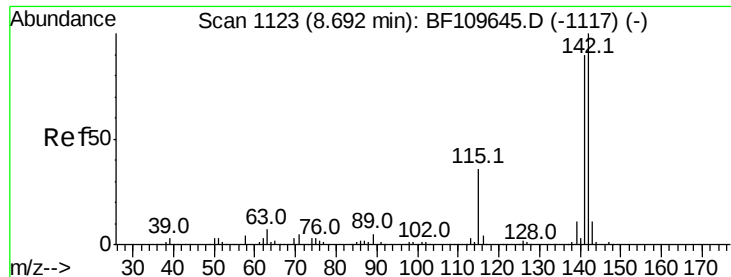
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#36
4-Chloro-3-methylphenol
Concen: 40.829 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion:107 Resp: 314474
Ion Ratio Lower Upper
107 100
144 25.5 20.0 30.0
142 75.1 59.7 89.5





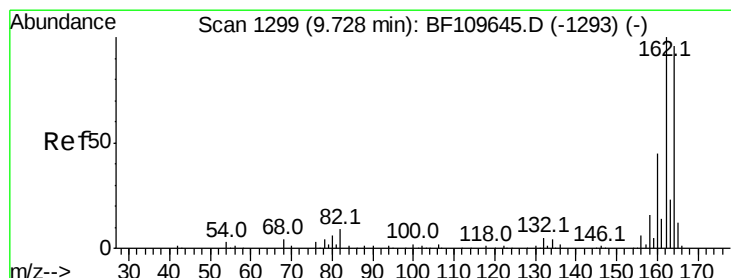
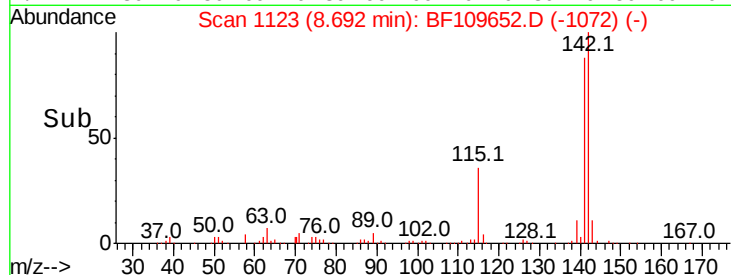
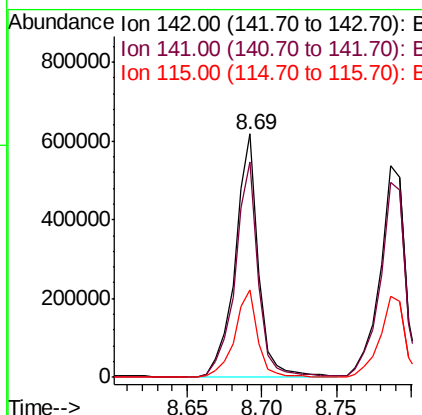
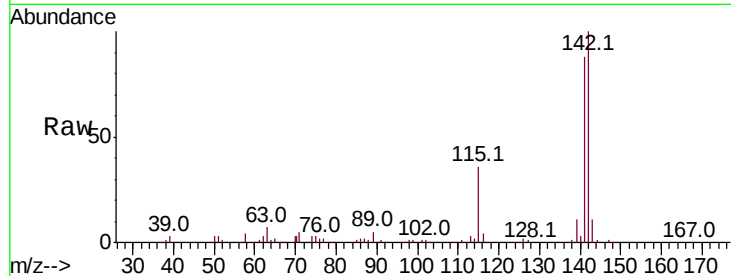
#37
2-Methylnaphthalene
Concen: 43.601 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	35.8	28.7	43.1

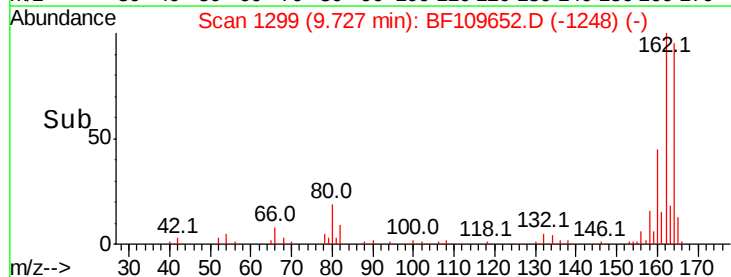
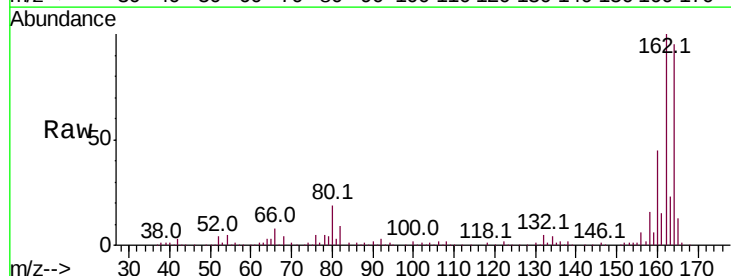
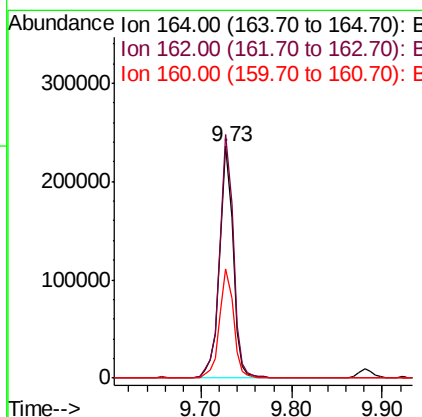
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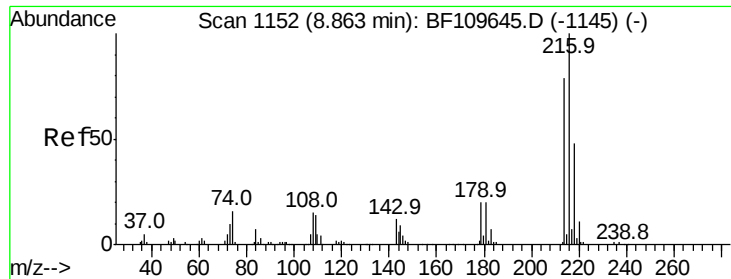
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.6
160	47.1	37.0	55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.185 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

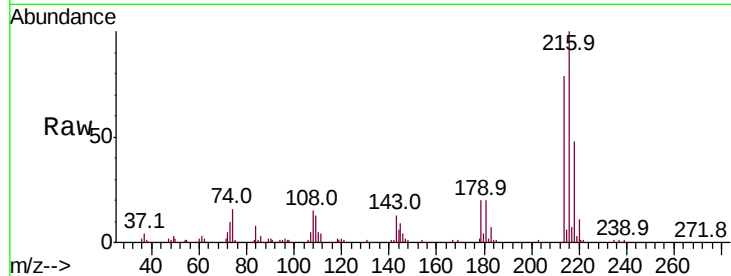
ClientSampleId :

PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	308084		
214	79.8	63.8	95.6	
179	20.7	16.6	25.0	
108	21.0	15.1	22.7	

Manual Integrations
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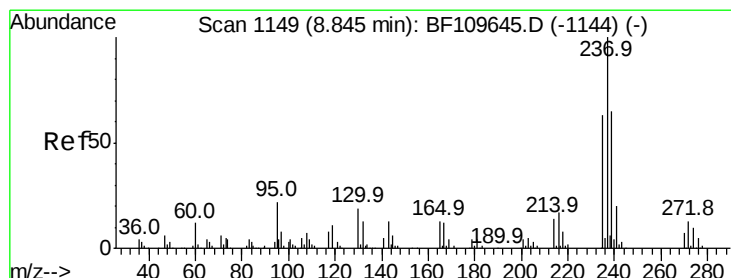
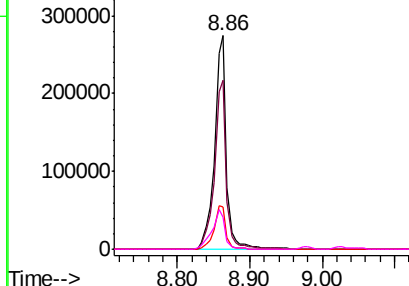
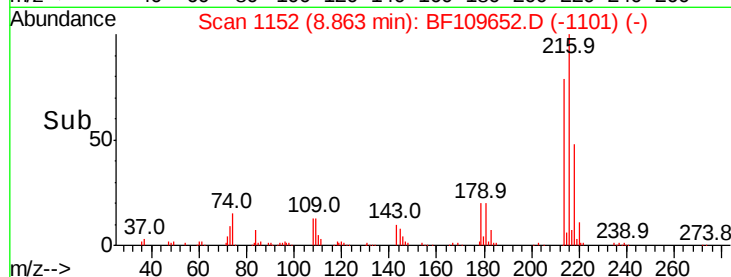
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.517 ng

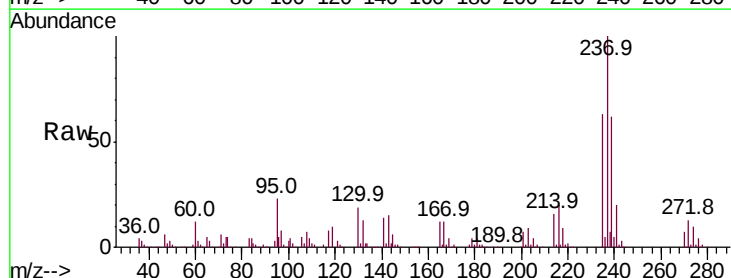
RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	288296		
235	63.4	43.1	83.1	
272	12.7	0.0	32.6	

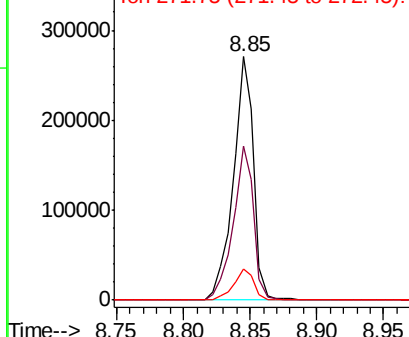
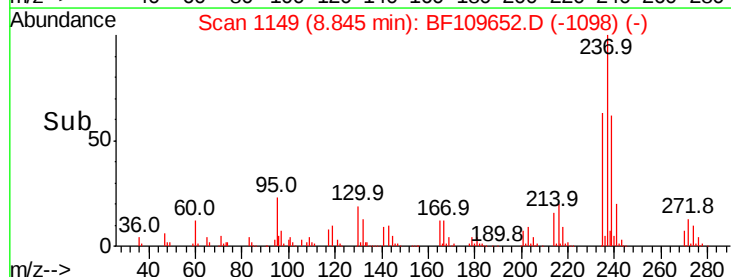


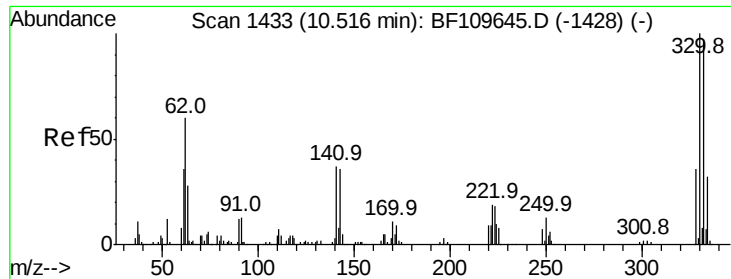
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





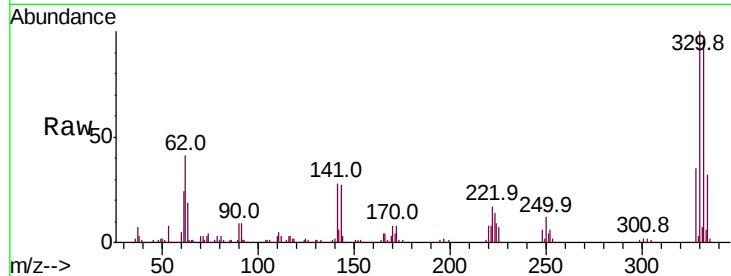
#41
 2,4,6-Tribromophenol
 Concen: 98.701 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	33.7	27.0	40.4

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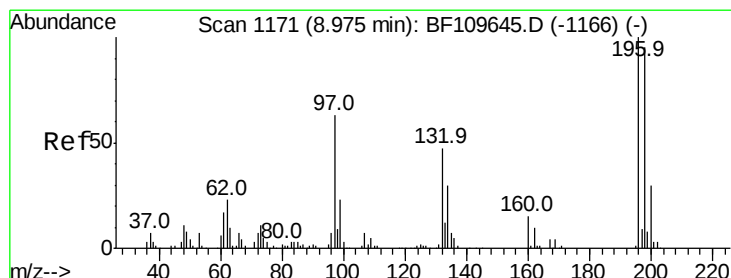
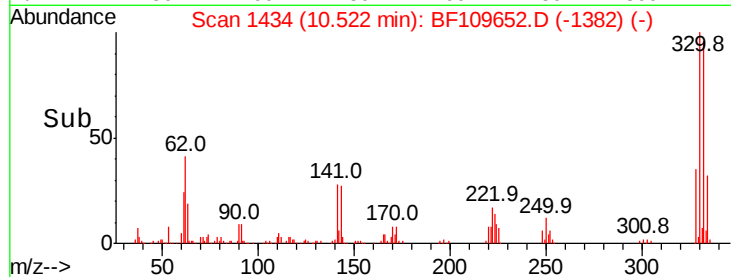
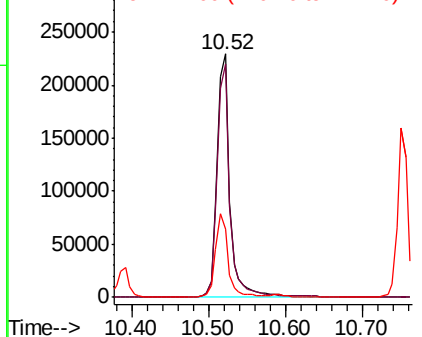


Abundance

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: 40.914 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

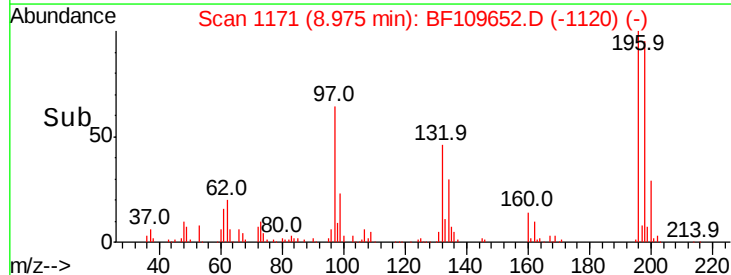
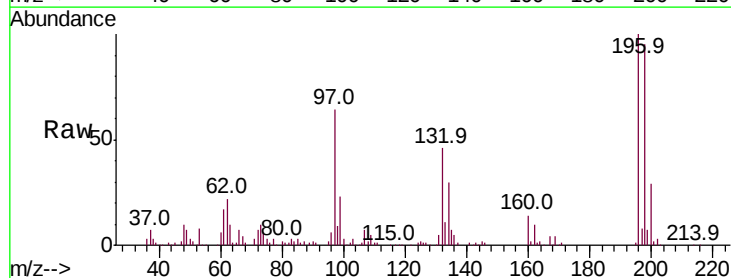
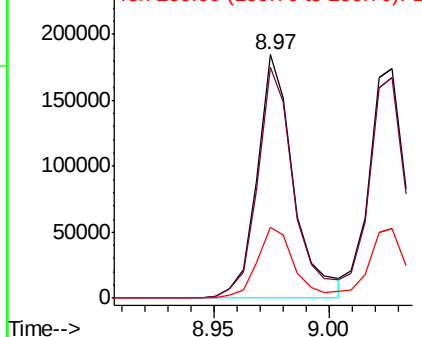
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.4
200	29.3	24.4	36.6

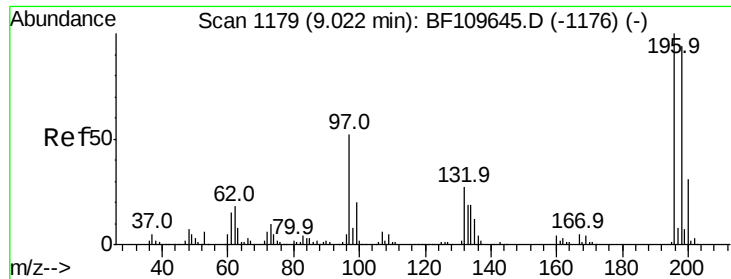
Abundance

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





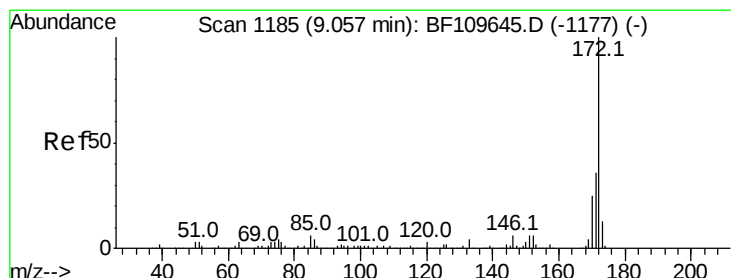
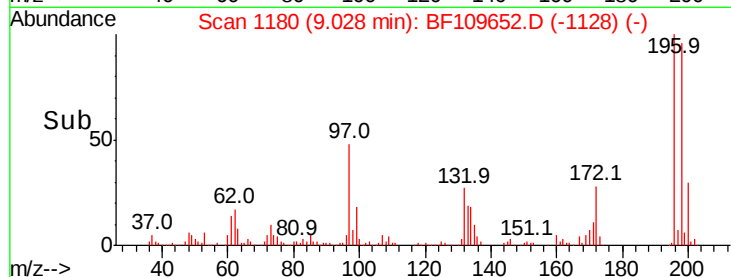
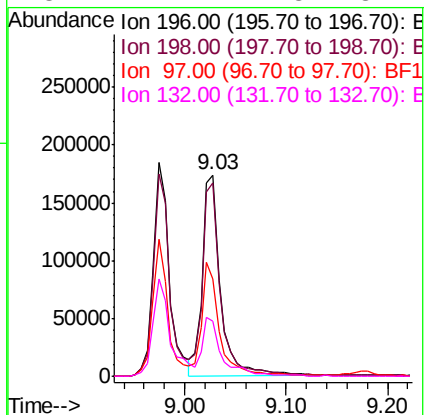
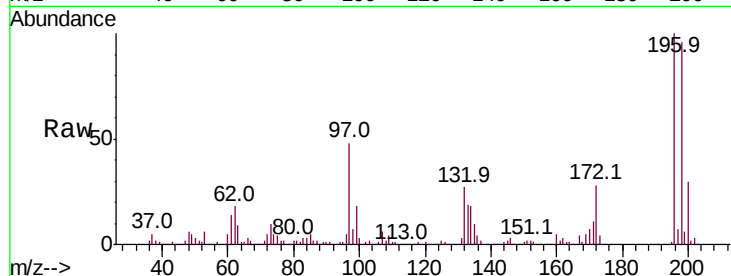
#43
2,4,5-Trichlorophenol
Concen: 38.302 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218117		
198	96.0	75.8	113.6	
97	48.4	42.4	63.6	
132	27.2	22.8	34.2	

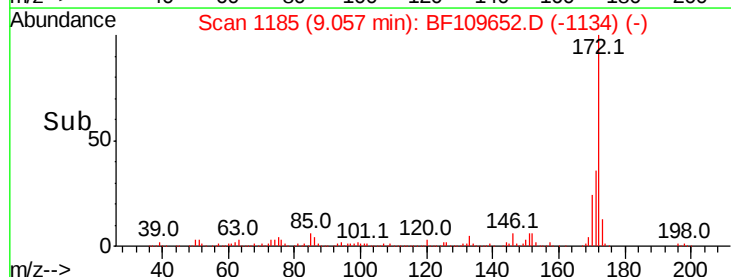
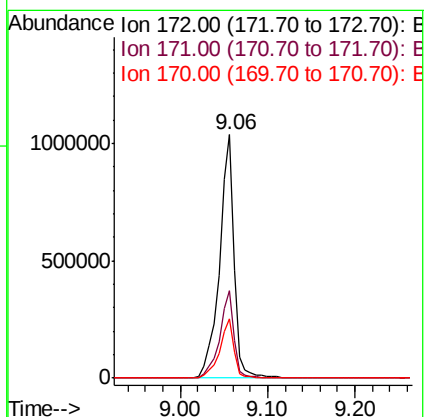
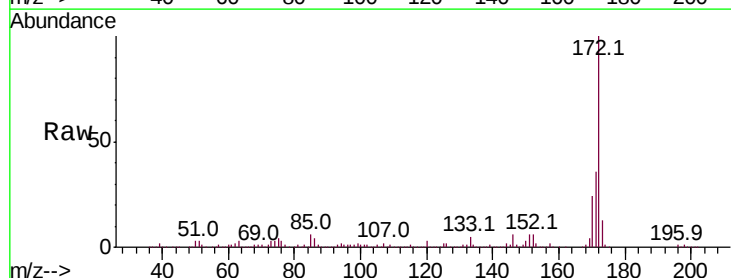
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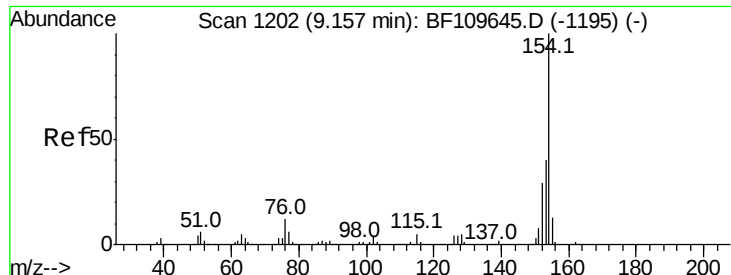
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#44
2-Fluorobiphenyl
Concen: 68.165 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1204630		
171	36.2	28.6	43.0	
170	24.4	19.7	29.5	





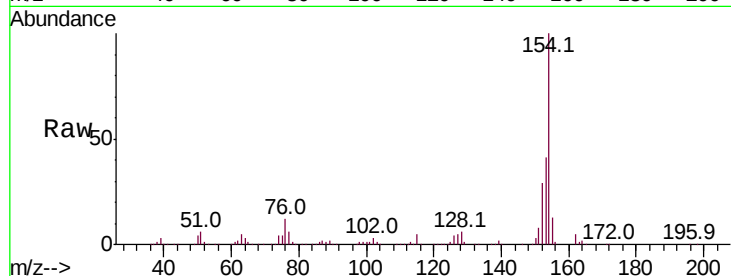
#45
 1,1'-Biphenyl
 Concen: 36.947 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampled :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	11.7	0.0	31.9

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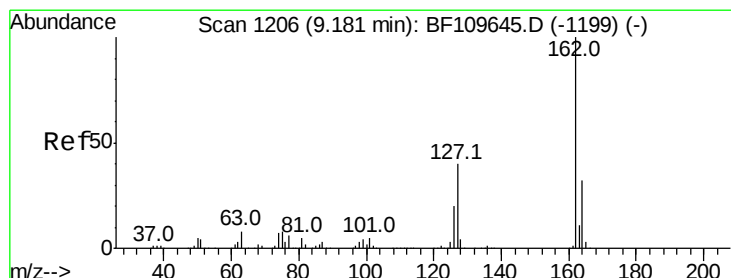
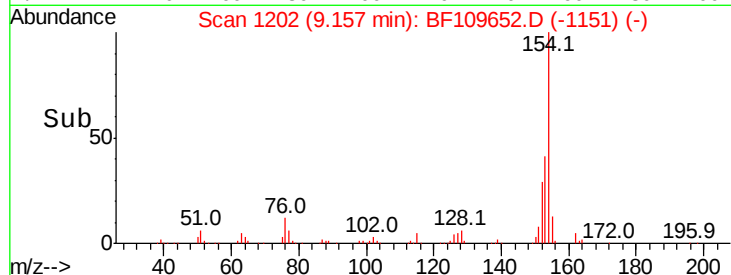
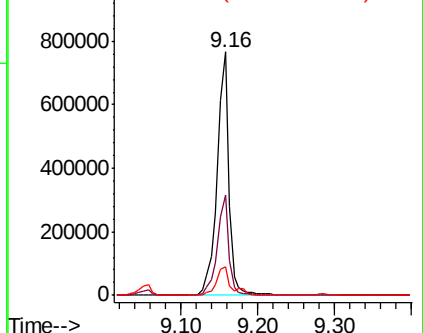


Abundance

Ion 154.00 (153.70 to 154.70): E

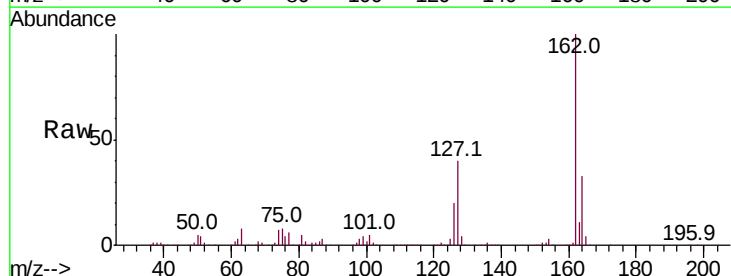
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 38.365 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	32.6	25.9	38.9

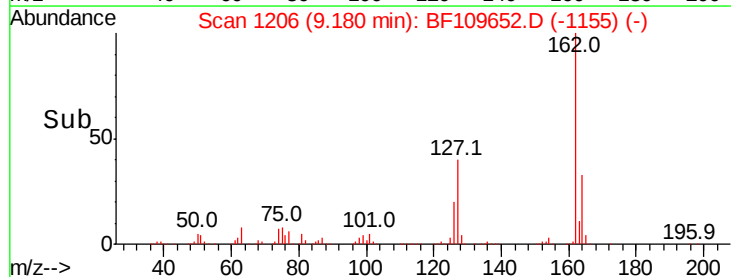
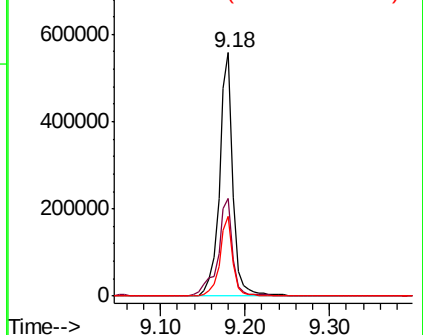


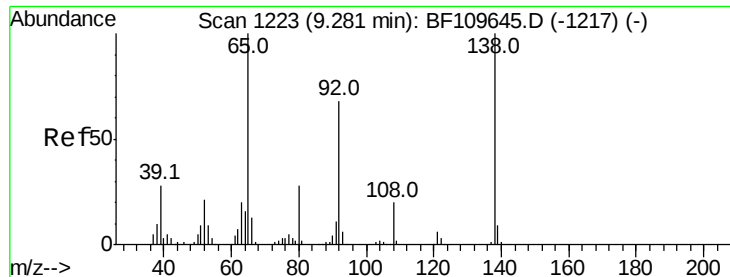
Abundance

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: 39.809 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

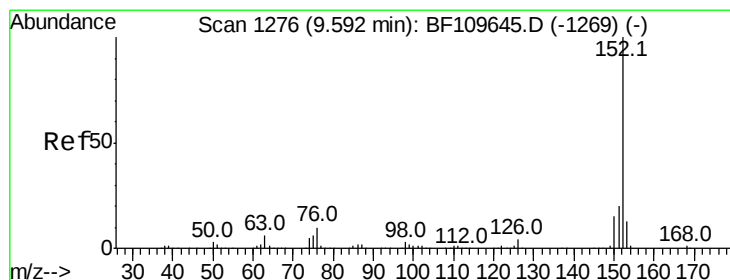
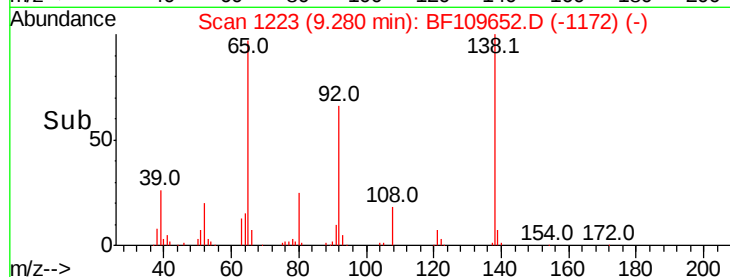
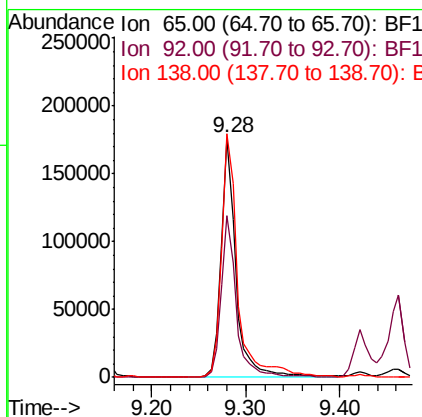
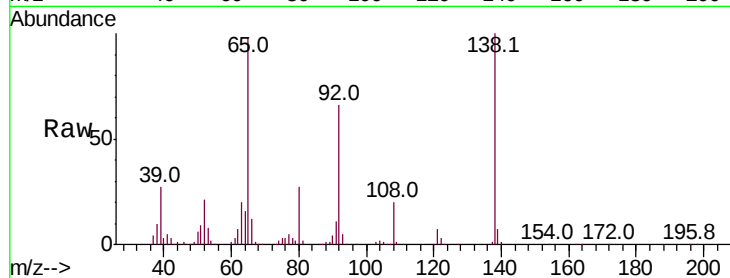
ClientSampleId :

PB113362BS

Tot Ion:	65	Resp:	196357
Ion Ratio	Lower	Upper	
65	100		
92	67.8	54.6	81.8
138	102.0	80.3	120.5

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#48

Acenaphthylene

Concen: 40.777 ng

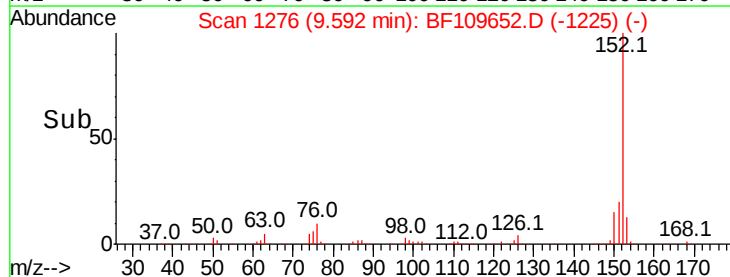
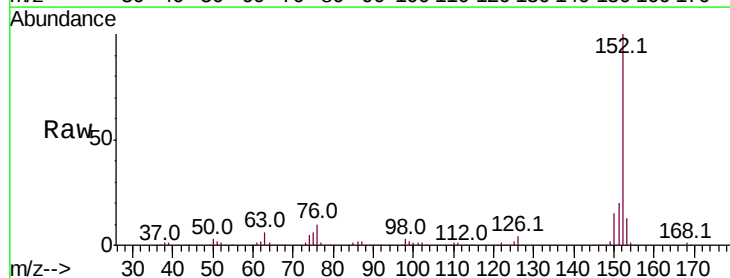
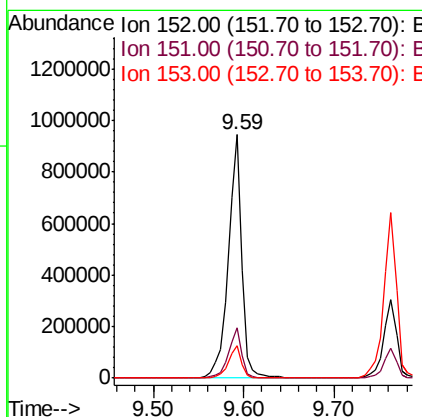
RT: 9.59 min Scan# 1276

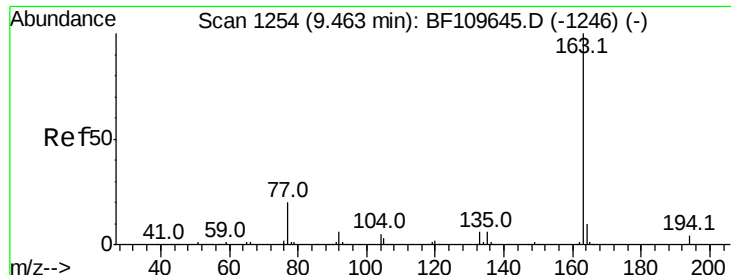
Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:	152	Resp:	968407
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	13.2	10.4	15.6





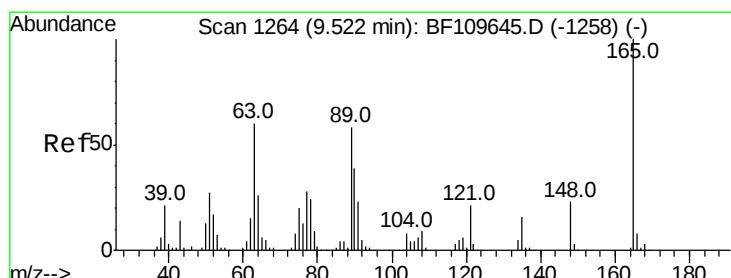
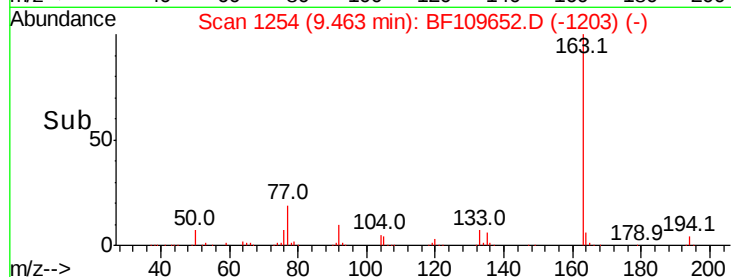
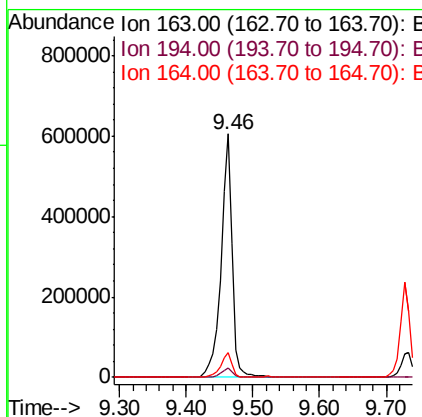
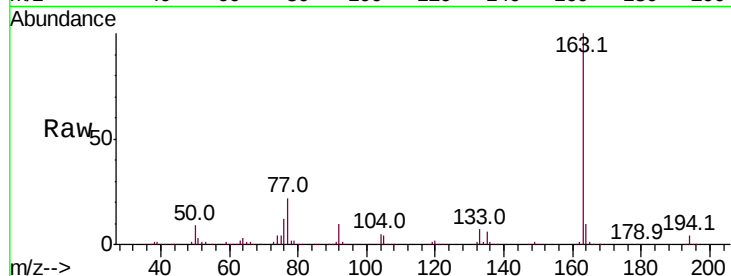
#49
 Dimethylphthalate
 Concen: 39.950 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	713134		
194	3.8		3.2	4.8
164	10.2		8.1	12.1

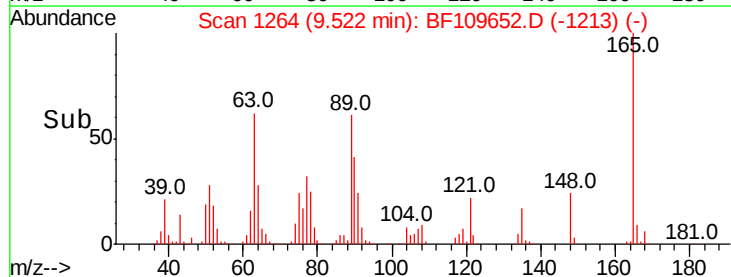
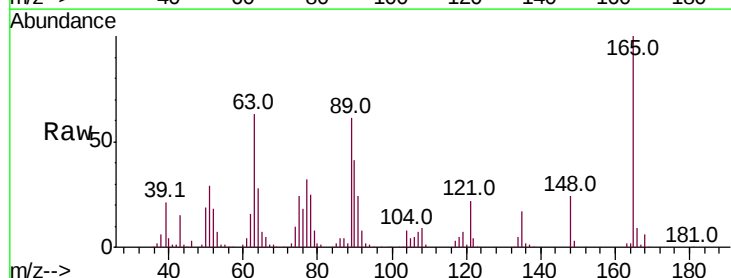
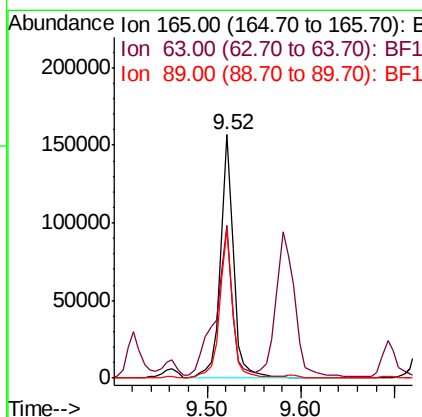
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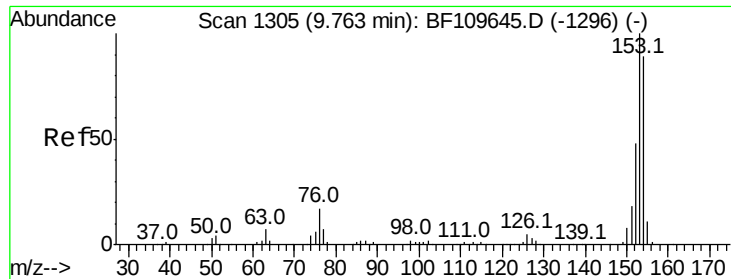
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#50
 2,6-Dinitrotoluene
 Concen: 39.637 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153372		
63	62.7		48.9	73.3
89	61.2		46.6	69.8





#51

Acenaphthene

Concen: 39.071 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

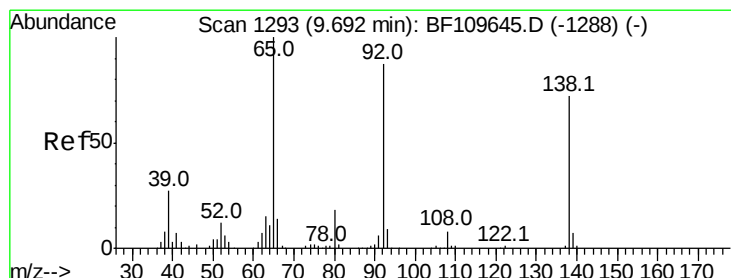
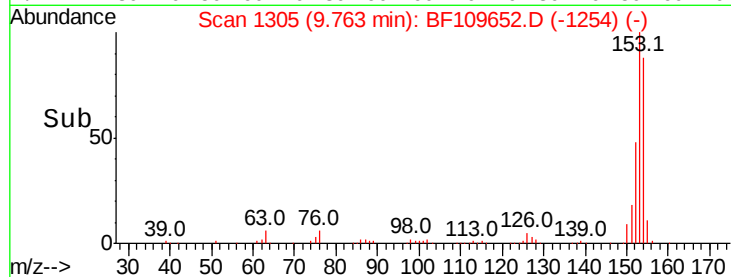
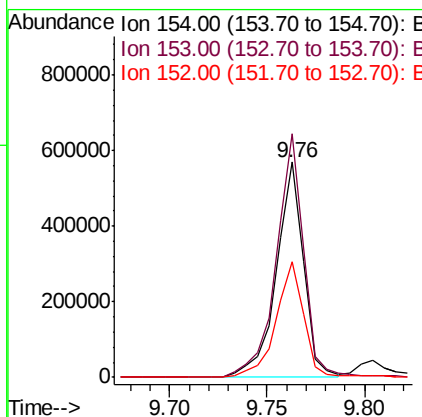
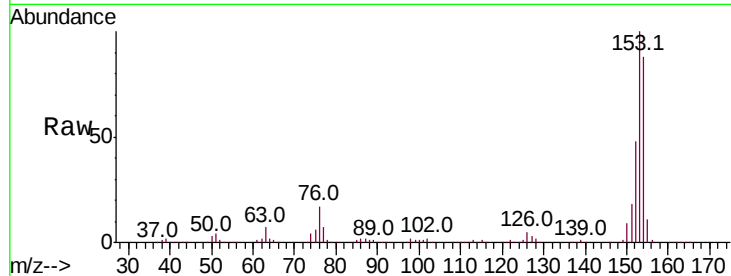
ClientSampleId :

PB113362BS

Tot Ion:	154	Resp:	550049
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.1	135.1
152	53.8	43.4	65.2

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#52

3-Nitroaniline

Concen: 30.638 ng

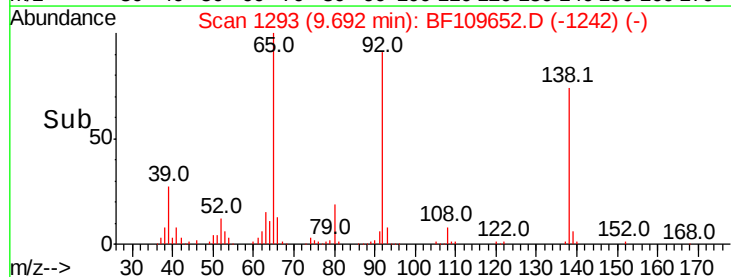
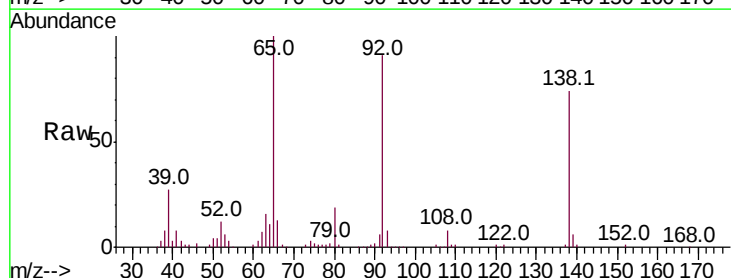
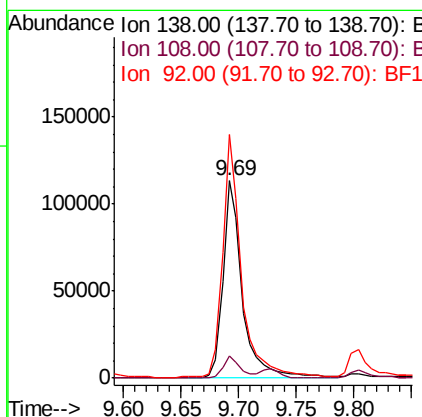
RT: 9.69 min Scan# 1293

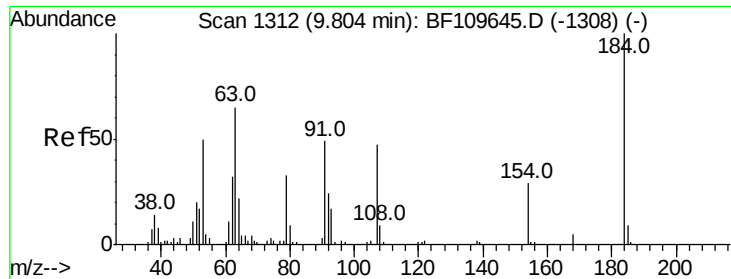
Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:	138	Resp:	132892
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.7	13.1
92	123.3	97.0	145.4





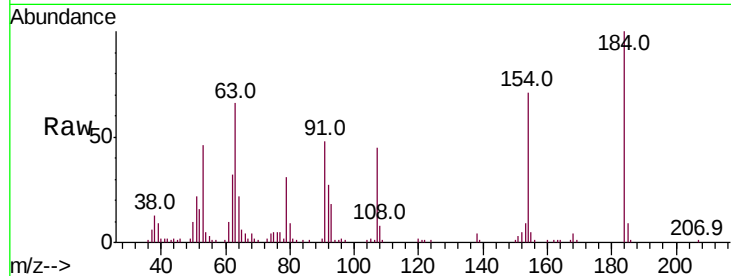
#53
2,4-Dinitrophenol
Concen: 58.406 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

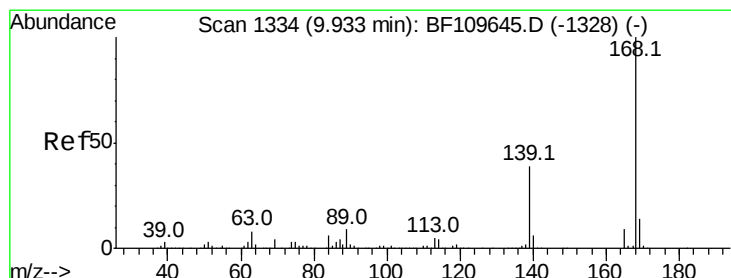
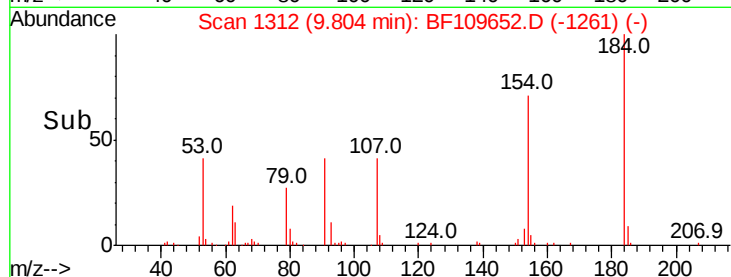
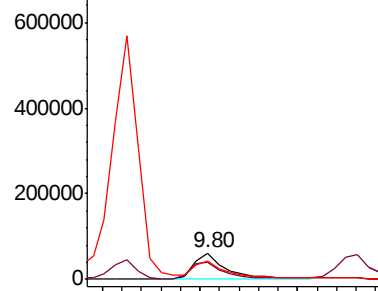
Tot Ion	Ratio	Lower	Upper
184	100		
63	65.8	55.8	83.6
154	71.2	63.2	94.8

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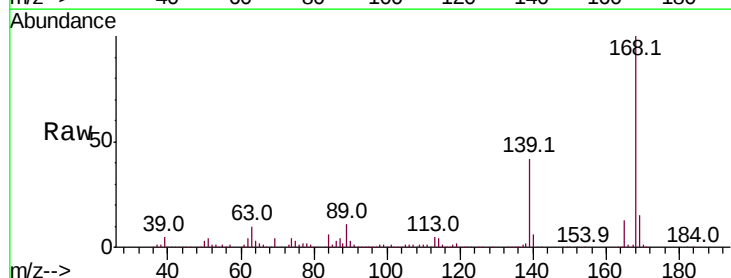


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

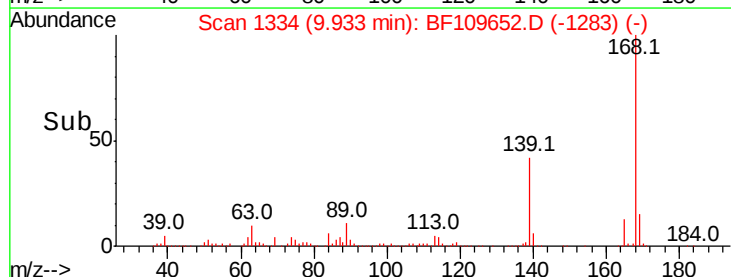
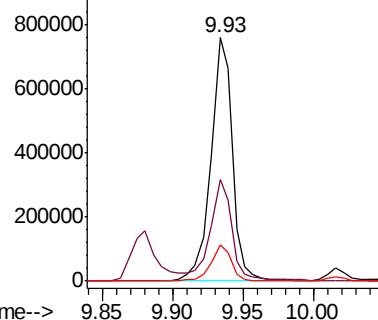


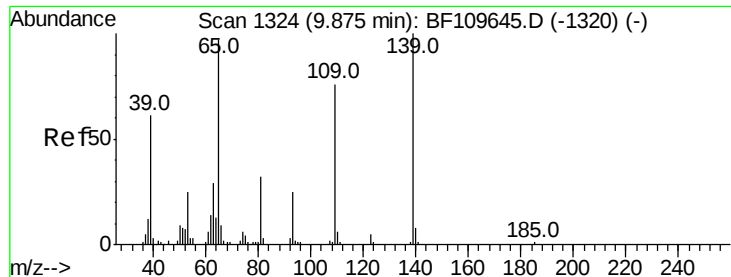
#54
Dibenzofuran
Concen: 38.451 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.0	49.6
169	14.8	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 80.678 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

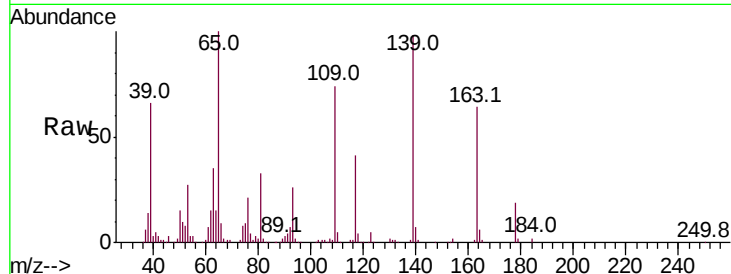
ClientSampleId :

PB113362BS

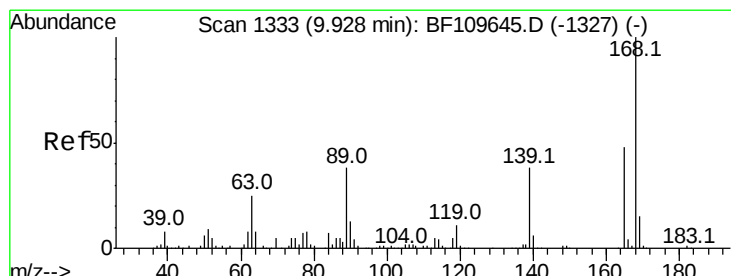
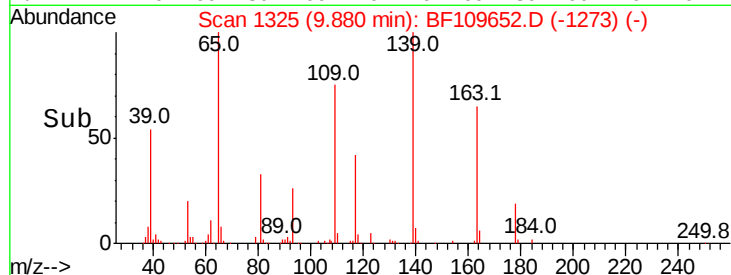
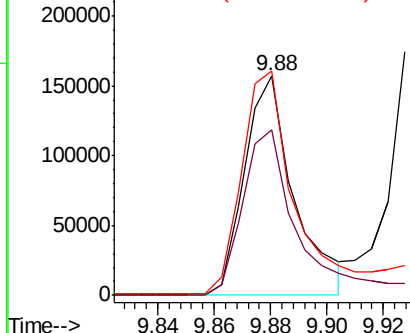
Tot Ion:139	Resp:	191543
Ion Ratio	Lower	Upper
139	100	
109	75.6	55.8 95.8
65	102.4	77.9 117.9

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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: 39.356 ng

RT: 9.93 min Scan# 1333

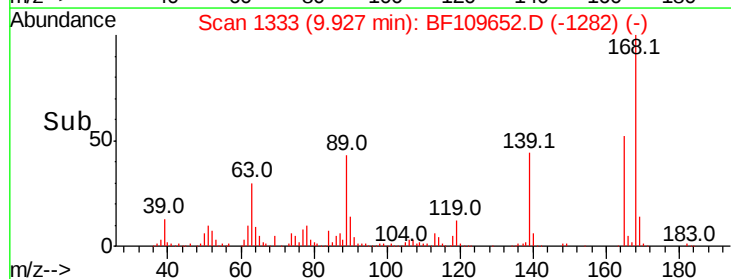
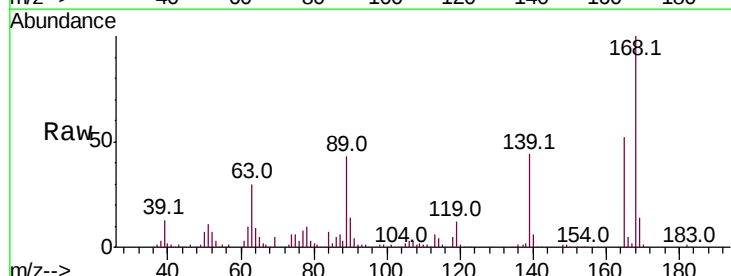
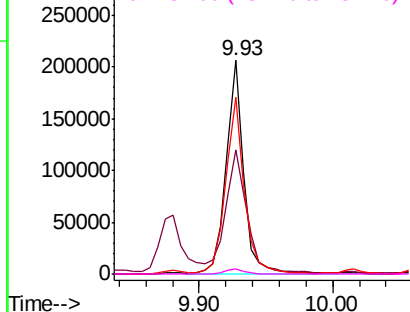
Delta R.T. -0.00 min

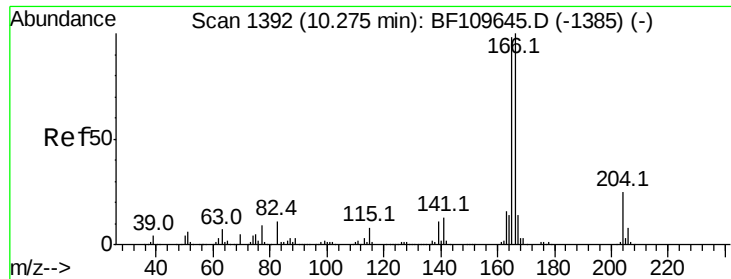
Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:165	Resp:	190045
Ion Ratio	Lower	Upper
165	100	
63	58.2	44.8 67.2
89	82.5	62.2 93.4
182	2.5	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: 40.879 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

ClientSampleId :

PB113362BS

Tot Ion:166 Resp: 644218

Ion Ratio Lower Upper

166 100

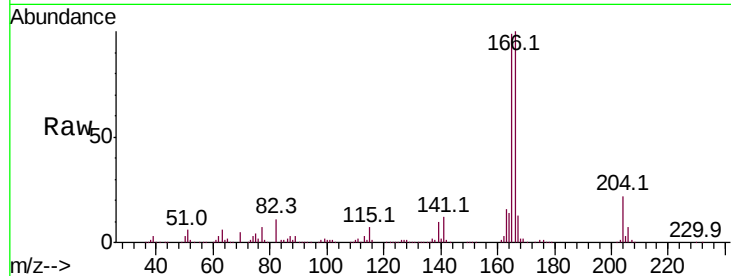
165 98.5 78.6 117.8

167 13.3 10.8 16.2

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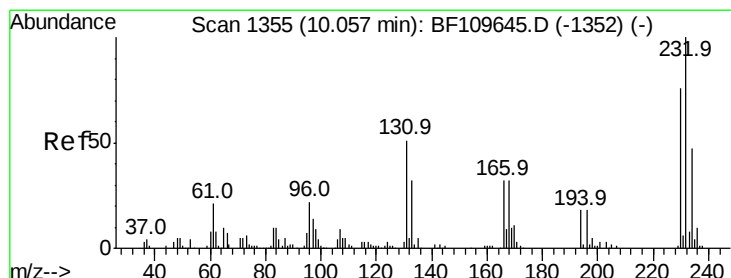
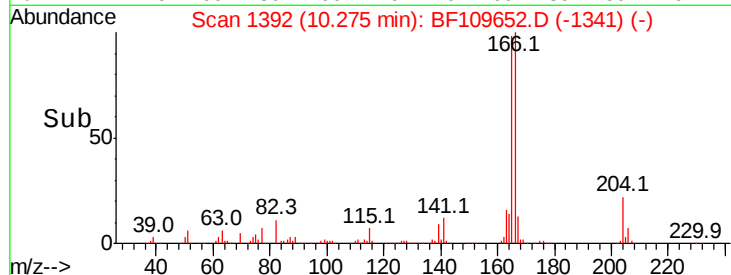
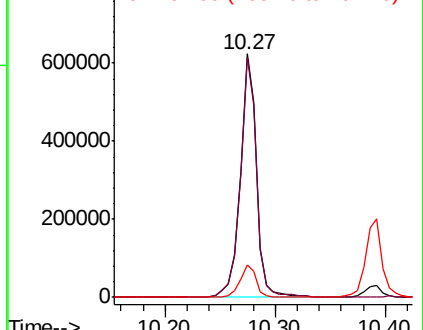


Abundance

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: 38.304 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:232 Resp: 177313

Ion Ratio Lower Upper

232 100

131 47.1 37.0 55.4

130 2.3 1.8 2.6

166 29.7 22.0 33.0

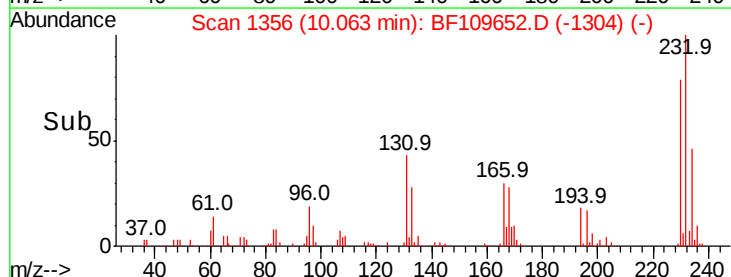
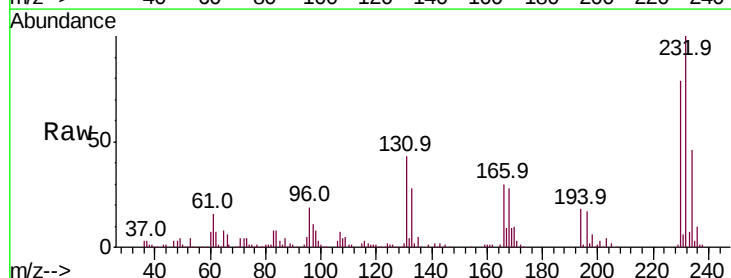
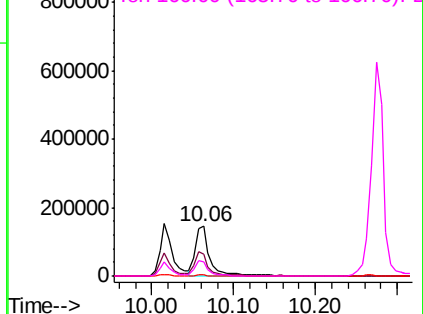
Abundance

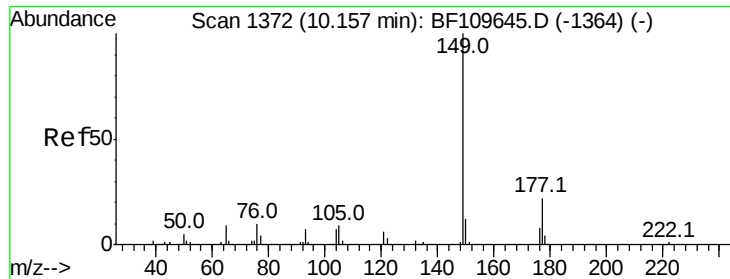
Ion 232.00 (231.70 to 232.70): E

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





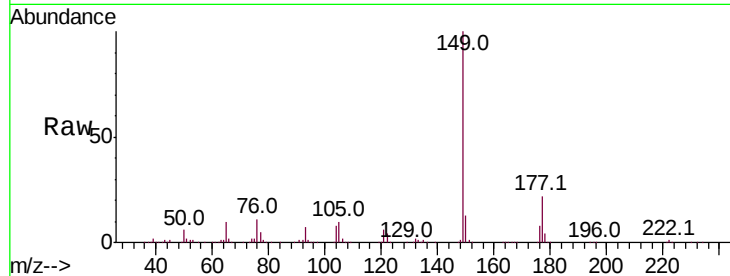
#59
Diethylphthalate
Concen: 38.994 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.5	9.8	14.8

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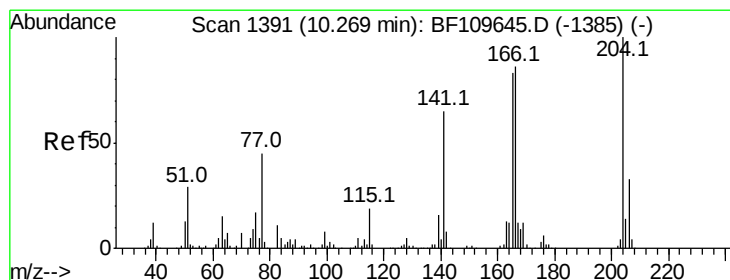
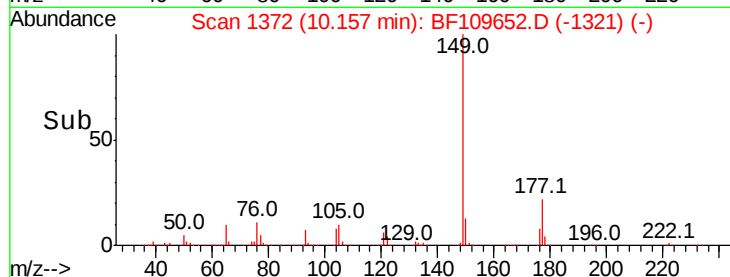
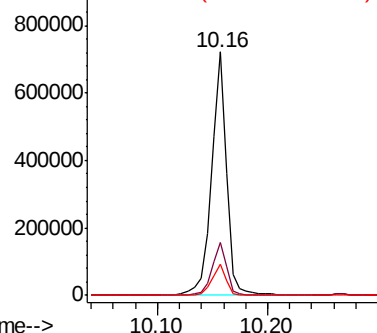


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 36.529 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

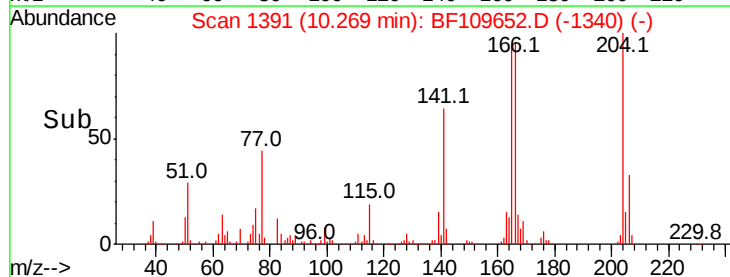
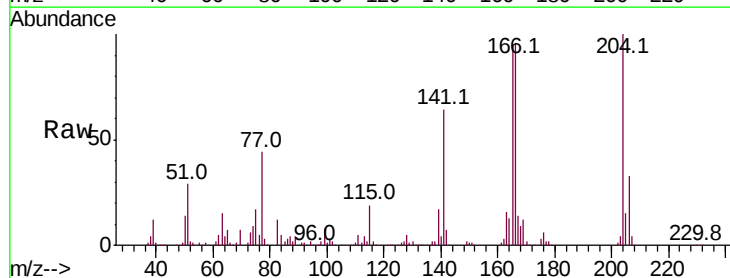
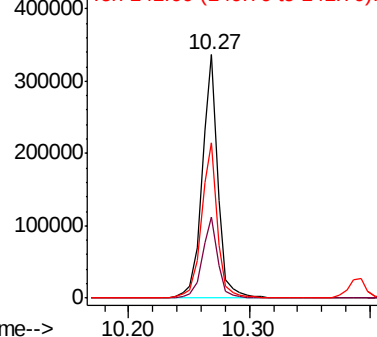
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.8	51.8	77.8

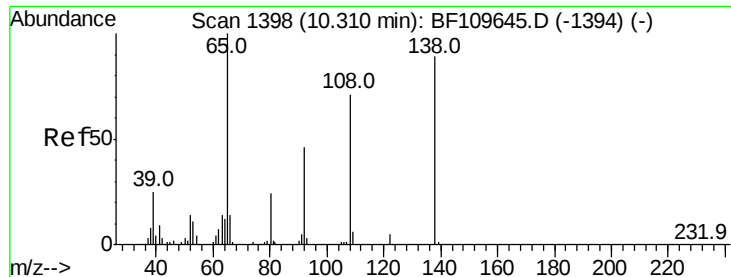
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





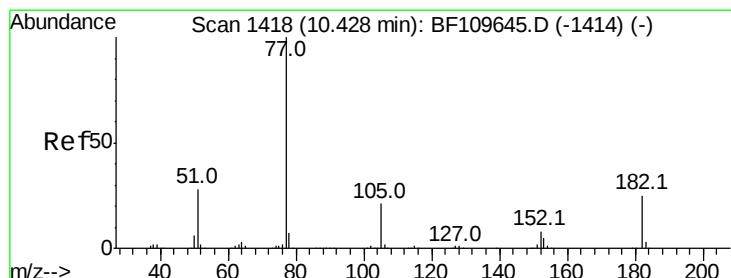
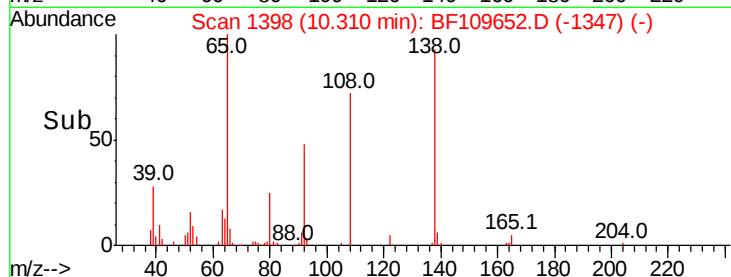
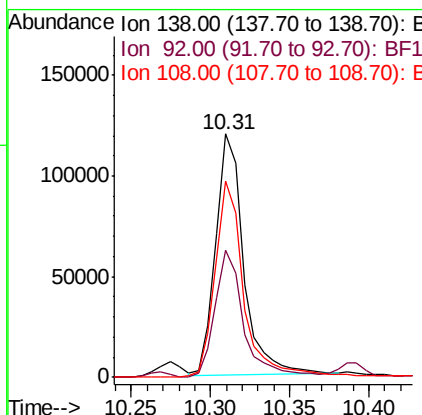
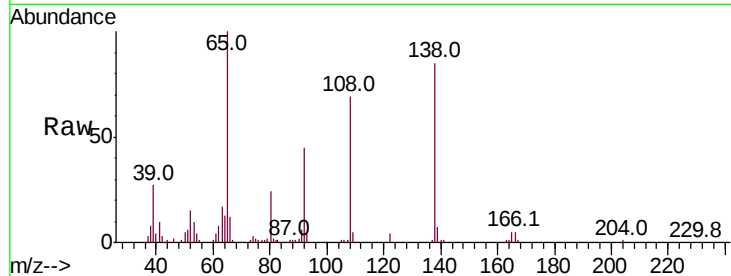
#61
4-Nitroaniline
Concen: 36.627 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.7	71.7
108	80.7	59.3	99.3

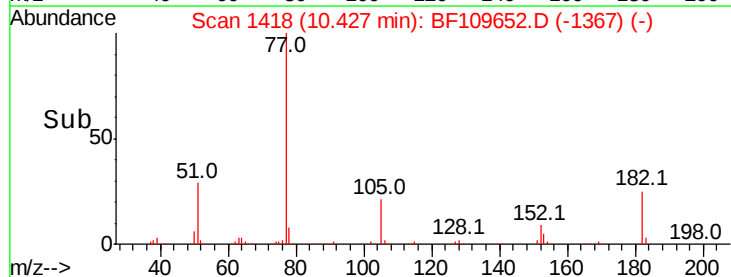
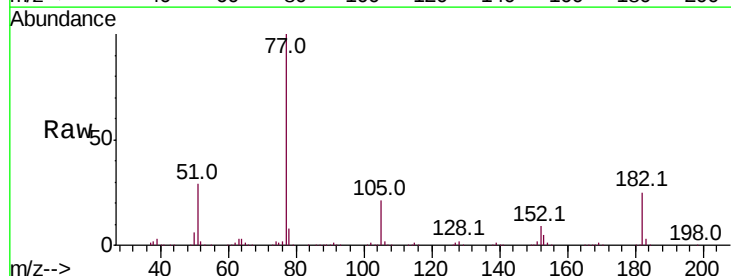
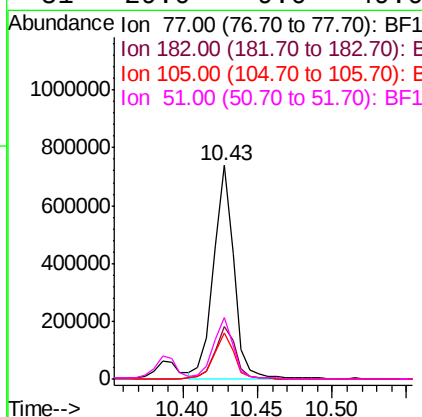
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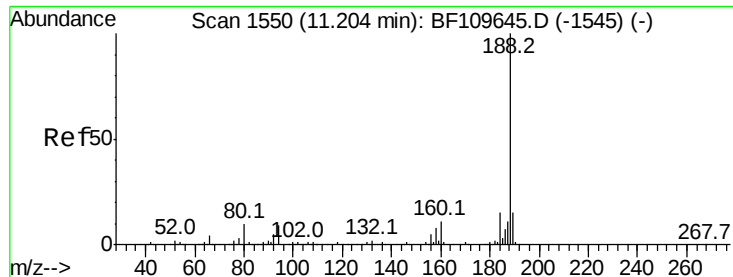
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#62
Azobenzene
Concen: 38.719 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.3	44.3
105	21.4	1.3	41.3
51	29.0	9.0	49.0





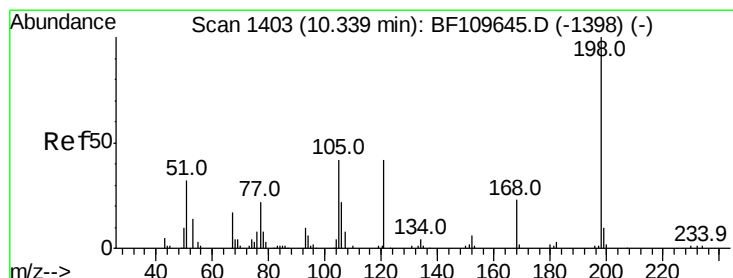
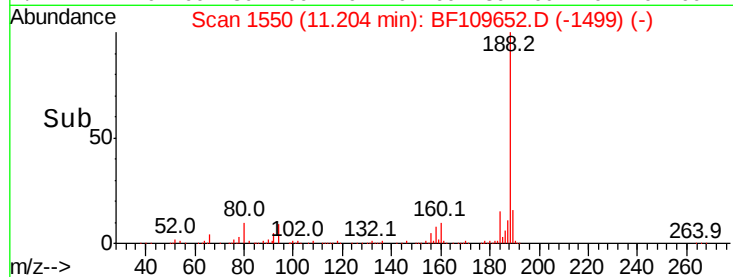
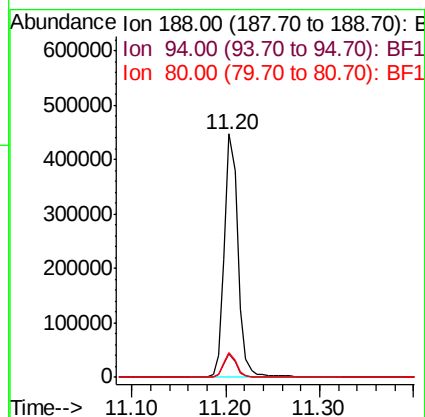
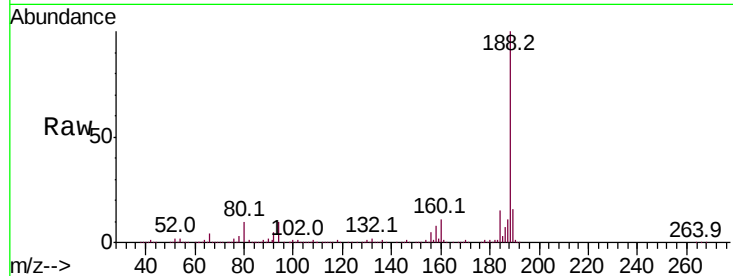
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	456452		
94	9.7		7.2	10.8
80	10.2		7.9	11.9

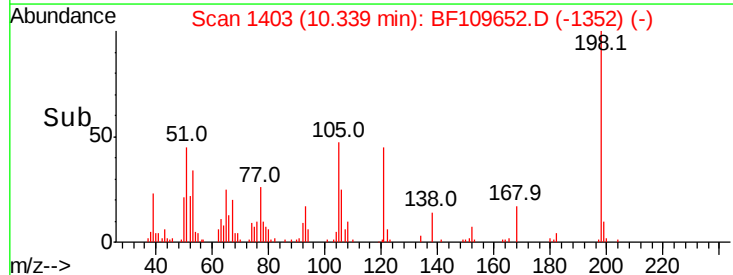
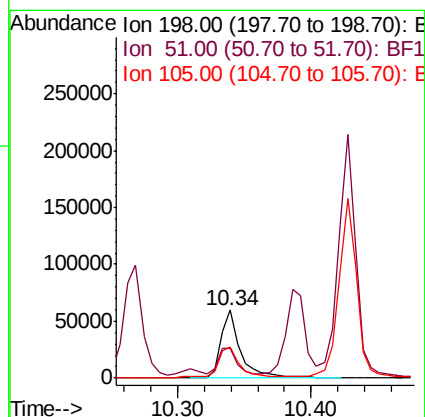
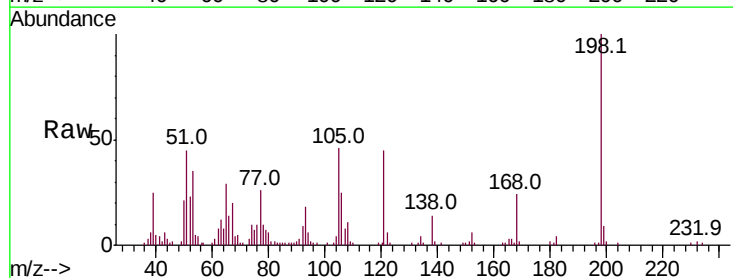
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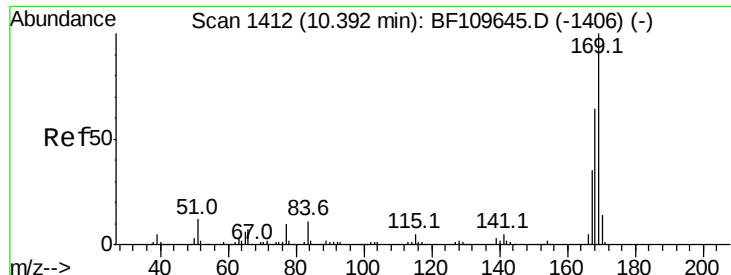
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.327 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	62932		
51	44.9		22.8	62.8
105	45.8		23.6	63.6





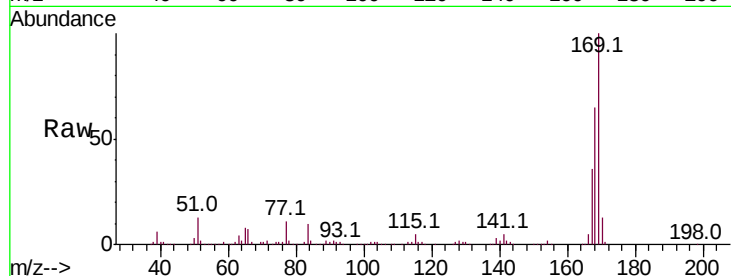
#65
n-Nitrosodiphenylamine
Concen: 38.387 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

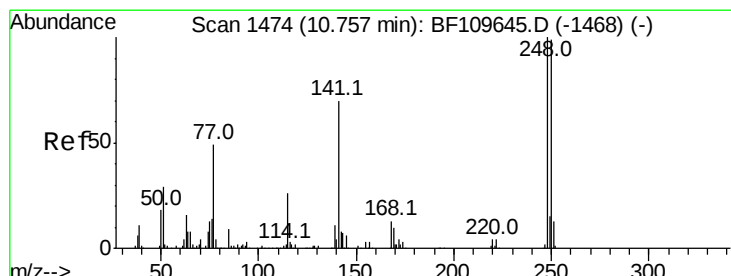
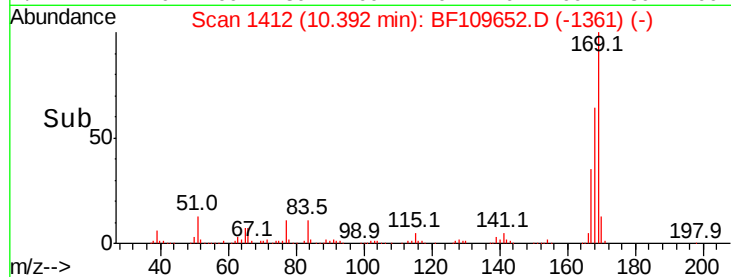
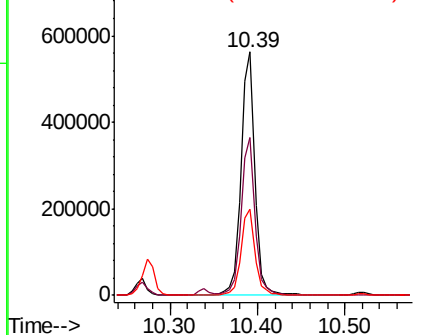
Tot Ion	Ratio	Resp	Lower	Upper
169	100	593992		
168	64.8		51.2	76.8
167	35.5		27.8	41.6

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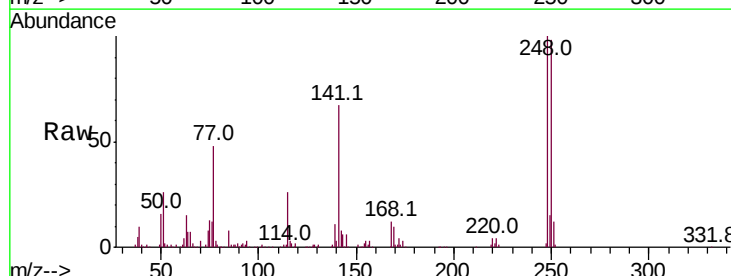


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

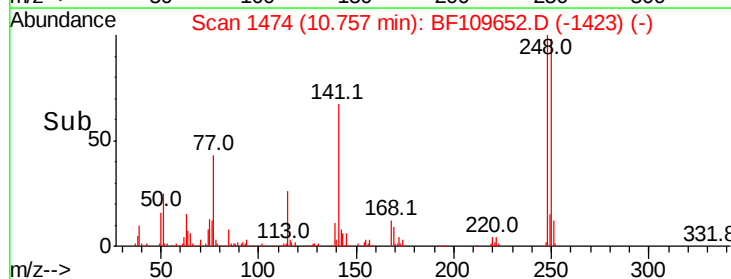
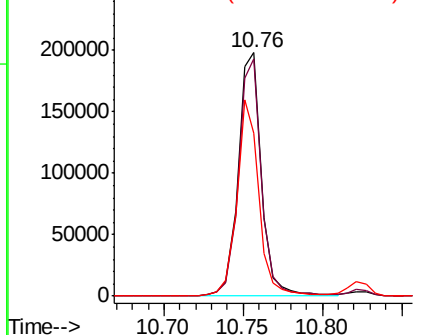


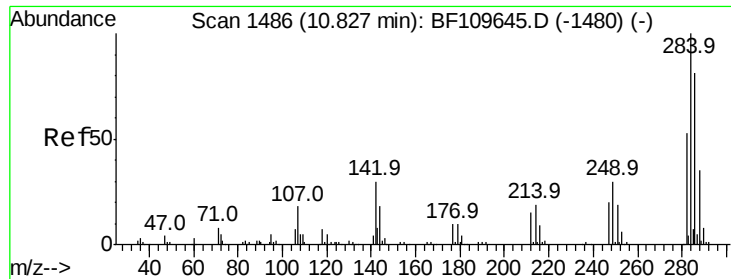
#66
4-Bromophenyl-phenylether
Concen: 38.319 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200974		
250	97.6		79.4	119.2
141	66.8		55.9	83.9



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





#67

Hexachlorobenzene

Concen: 37.640 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

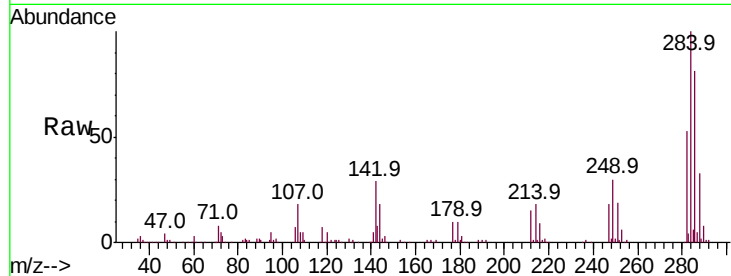
ClientSampled :

PB113362BS

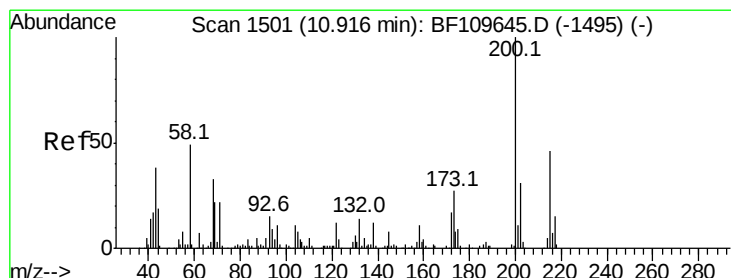
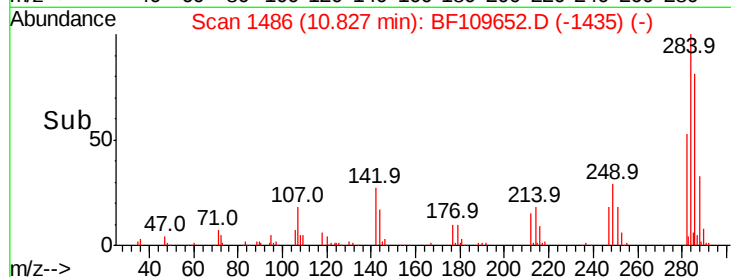
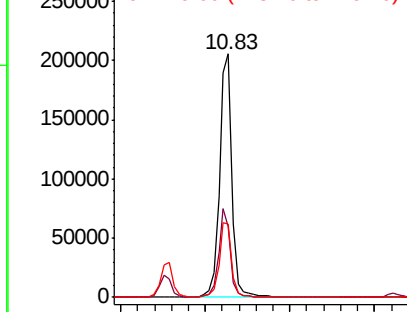
Tot Ion:	284	Resp:	213768
Ion Ratio	Lower	Upper	
284	100		
142	29.0	23.9	35.9
249	30.0	24.2	36.2

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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: 35.621 ng

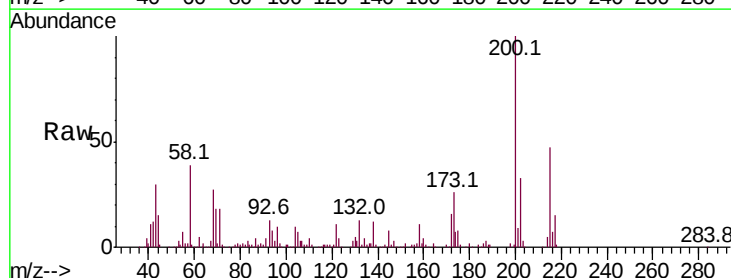
RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

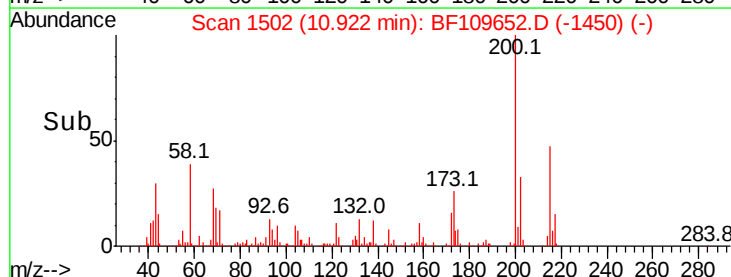
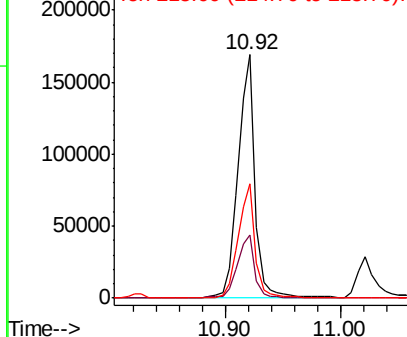
Lab File: BF109652.D

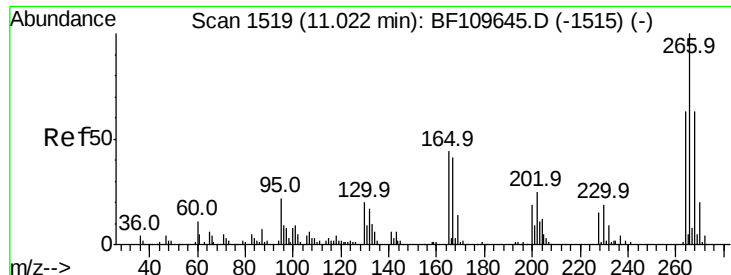
Acq: 8 Oct 2018 17:17

Tgt Ion:	200	Resp:	172018
Ion Ratio	Lower	Upper	
200	100		
173	26.2	6.6	46.6
215	47.0	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





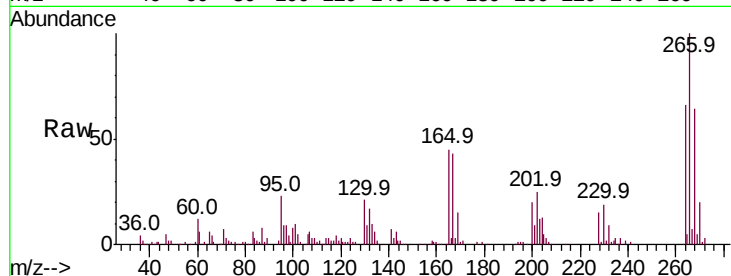
#69
 Pentachlorophenol
 Concen: 55.258 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

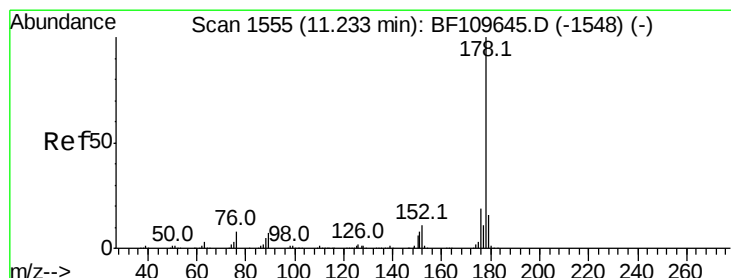
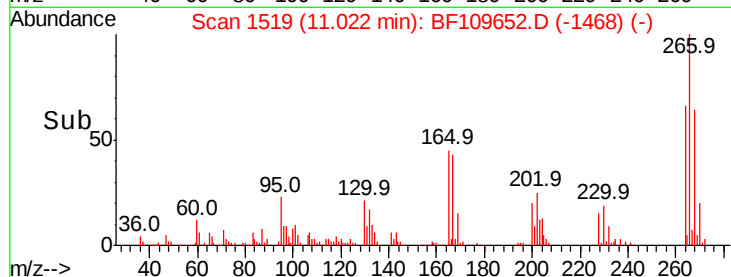
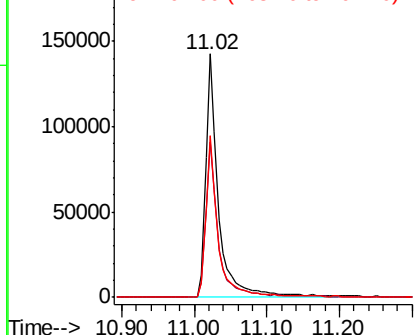
Tot Ion	Ratio	Resp	Lower	Upper
266	100	176588		
268	64.0		50.6	75.8
264	66.4		50.6	75.8

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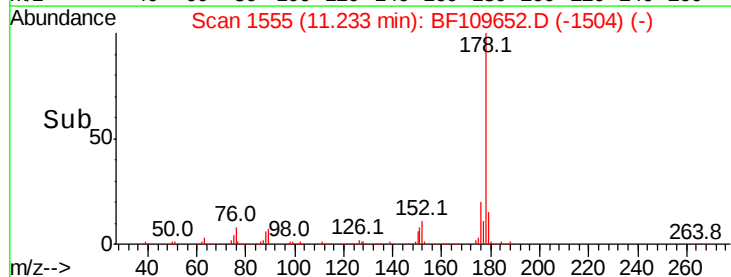
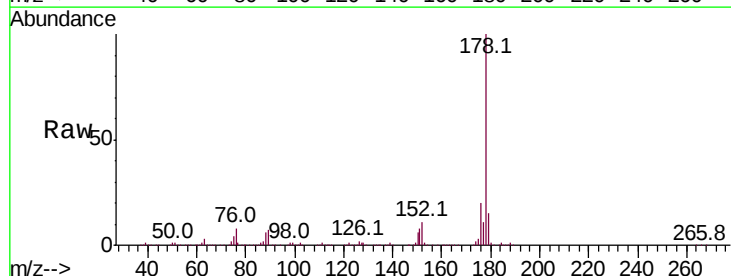
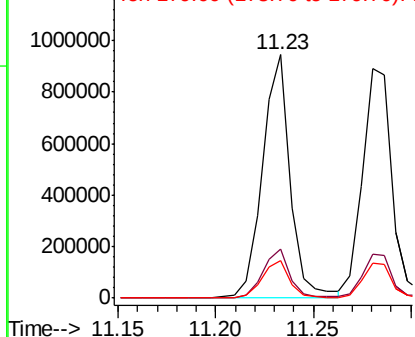
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

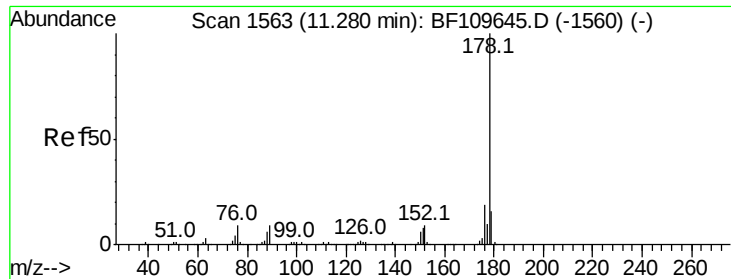


#70
 Phenanthrene
 Concen: 40.654 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	928638		
176	20.0		15.5	23.3
179	15.2		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





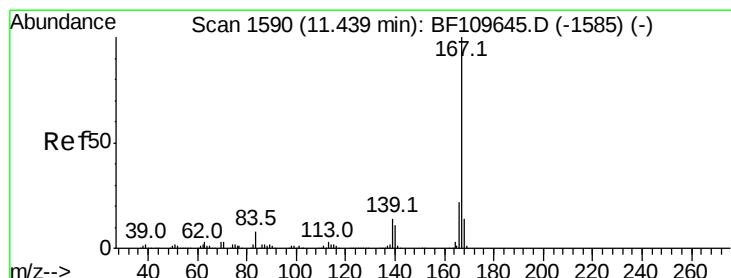
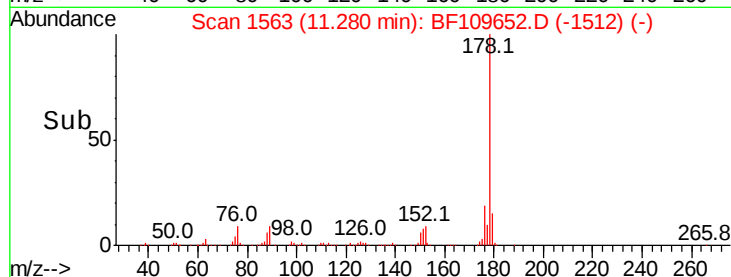
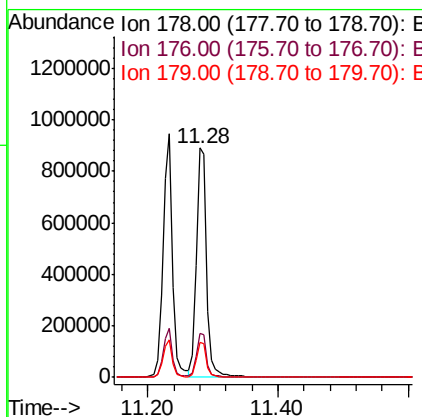
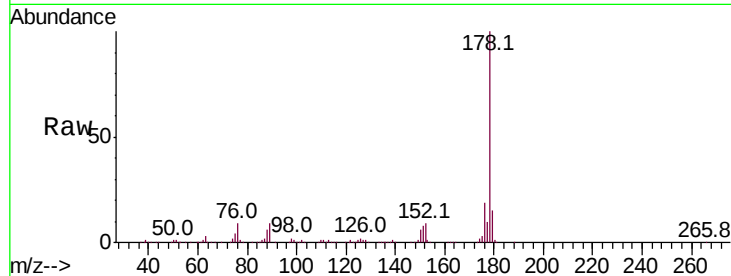
#71
 Anthracene
 Concen: 40.815 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.6	18.8

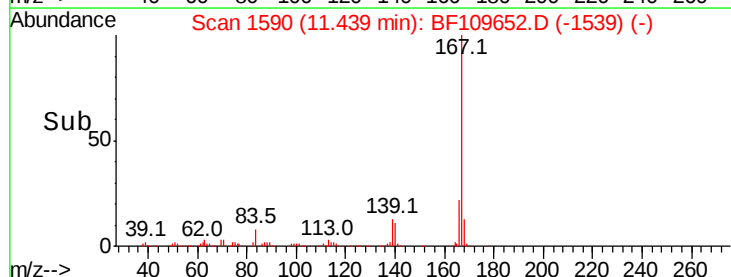
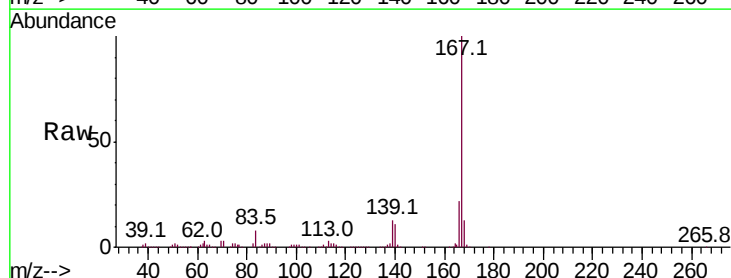
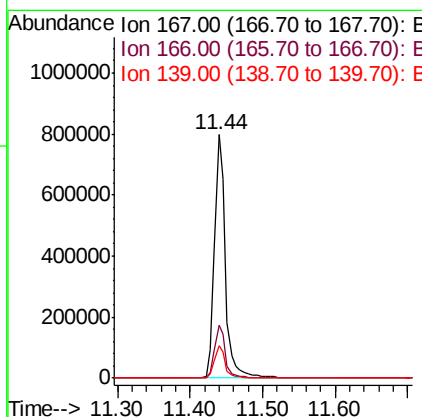
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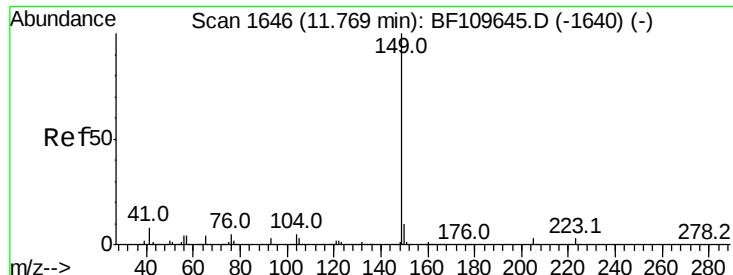
Sohil
 10/9/2018 2:57:24 PM



#72
 Carbazole
 Concen: 36.739 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.5	10.9	16.3





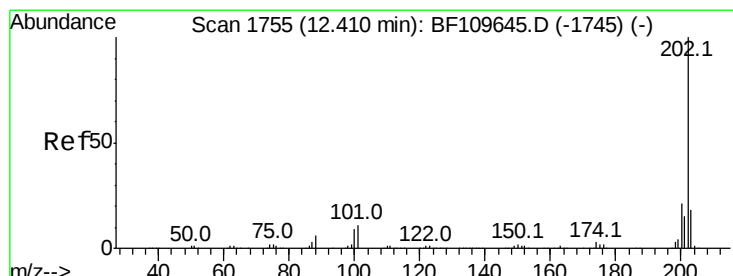
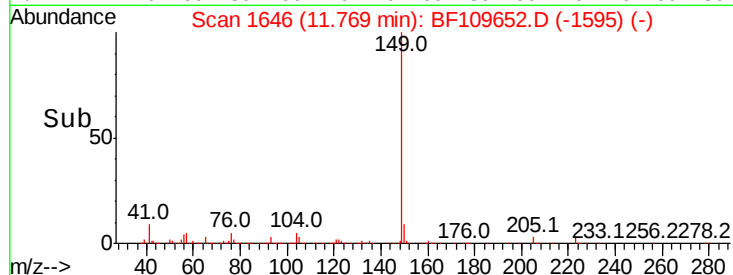
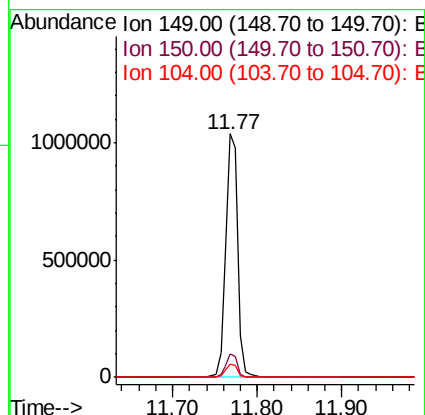
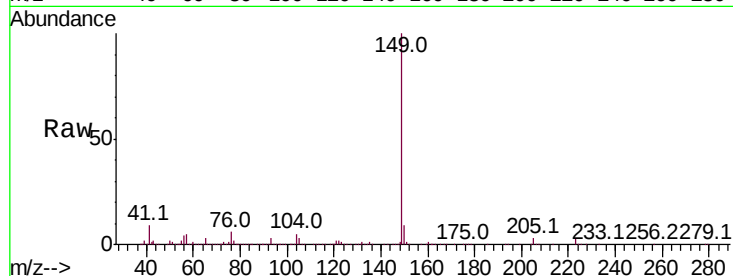
#73
Di-n-butylphthalate
Concen: 38.338 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.4	4.2	6.4

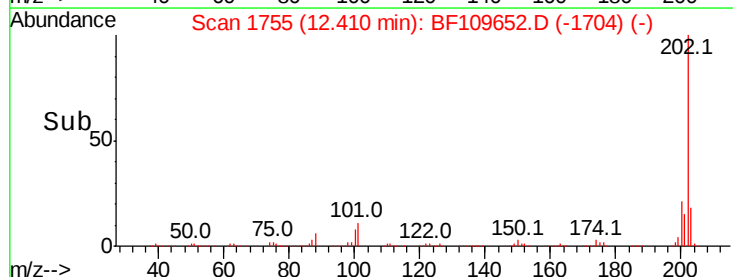
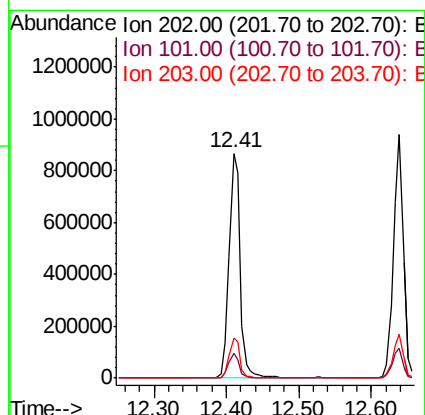
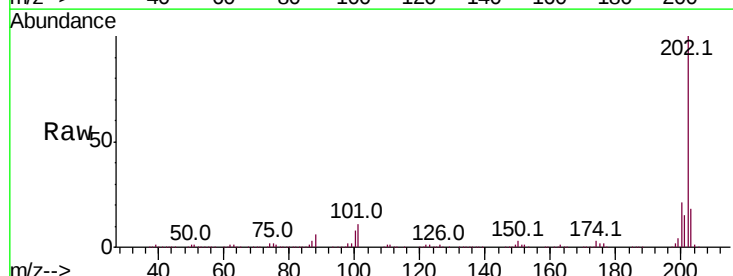
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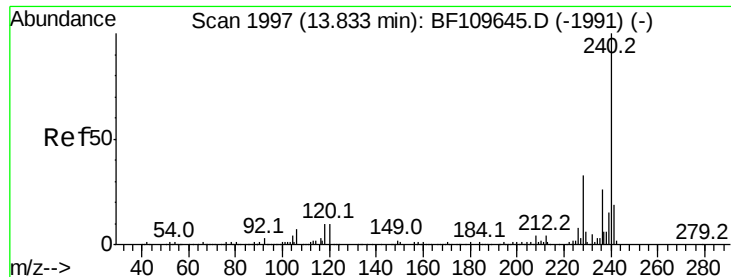
Sohil
10/9/2018 2:57:24 PM



#74
Fluoranthene
Concen: 38.882 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	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: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

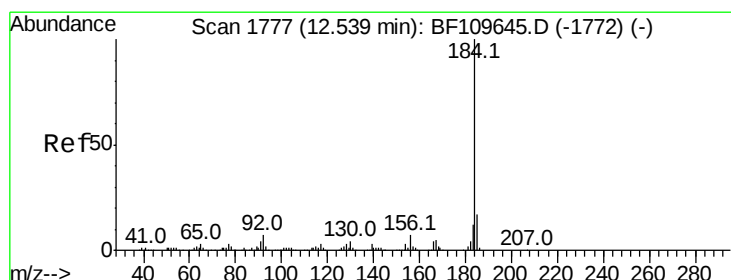
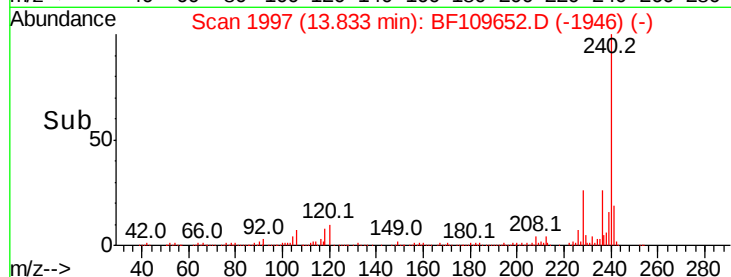
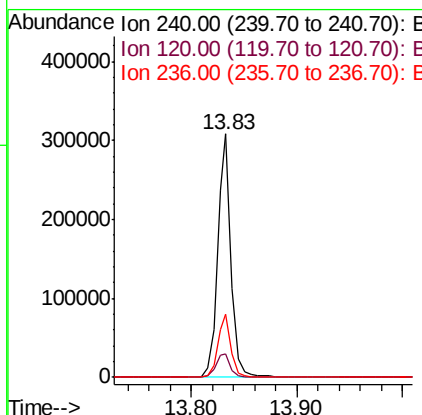
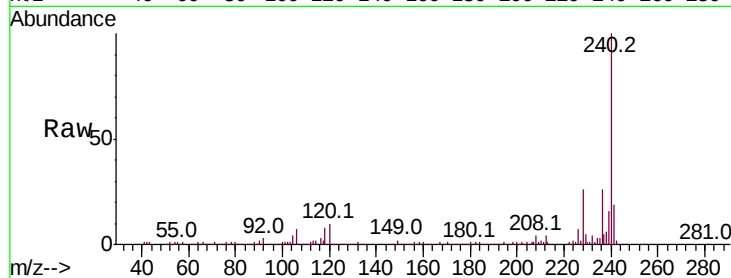
ClientSampleId :

PB113362BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	26.1	21.2	31.8

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#76

Benzidine

Concen: 21.773 ng

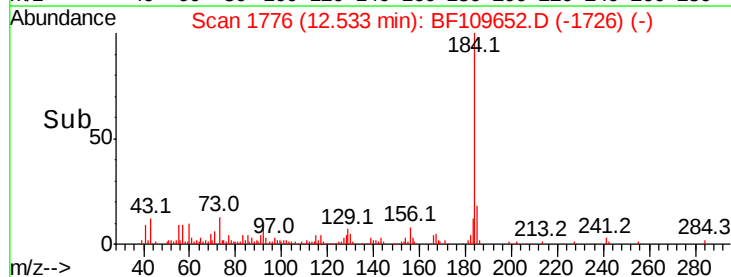
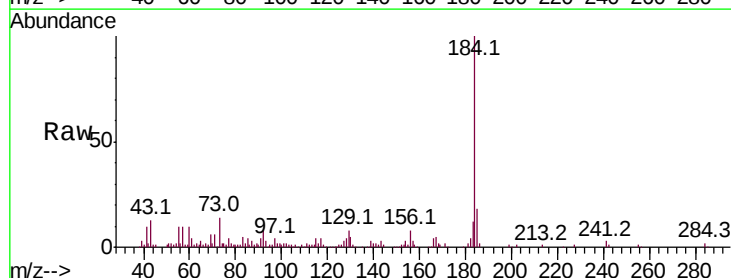
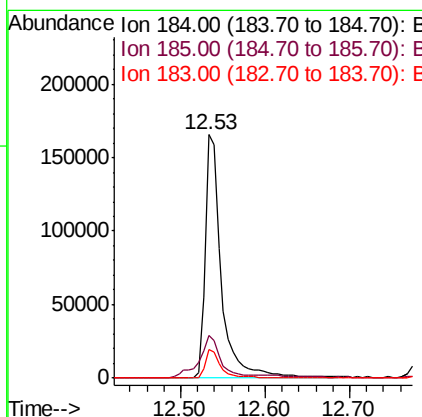
RT: 12.53 min Scan# 1776

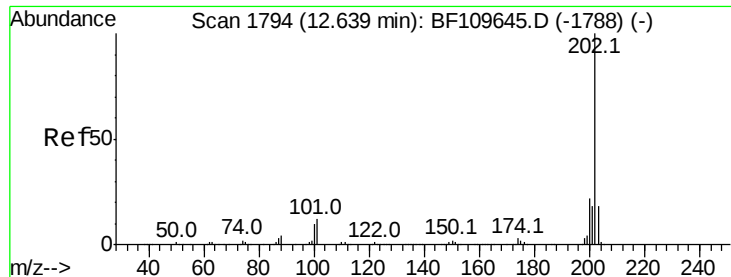
Delta R.T. -0.01 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.6	13.4	20.2
183	11.7	9.4	14.2





#77

Pvrene

Concen: 45.050 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

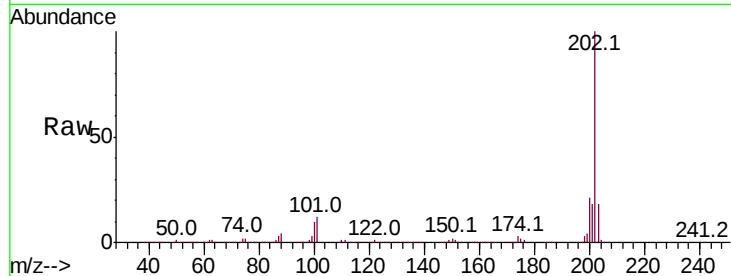
ClientSampleId :

PB113362BS

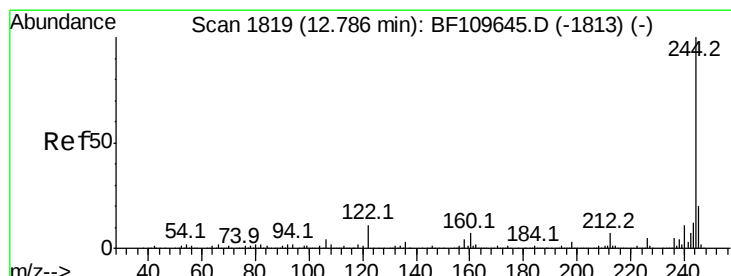
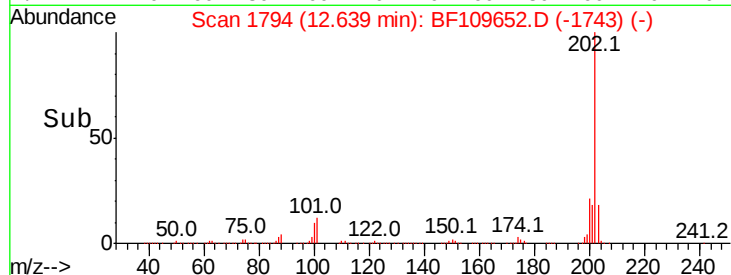
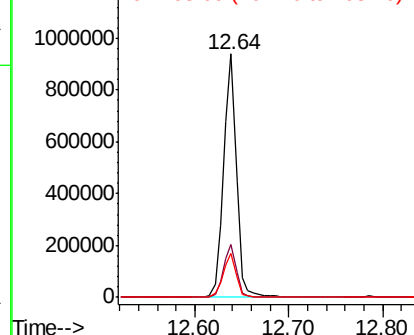
Tot Ion:	202	Resp:	903722
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.8	26.6
203	17.9	14.2	21.4

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



#78

Terphenyl-d14

Concen: 74.534 ng

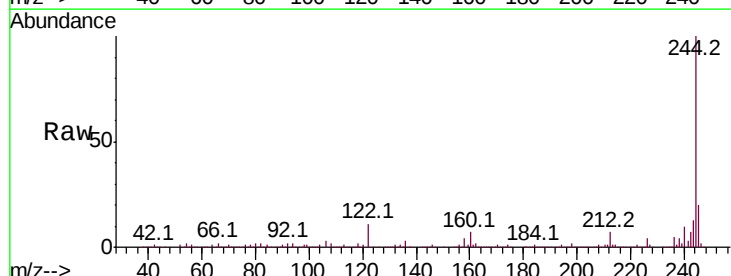
RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

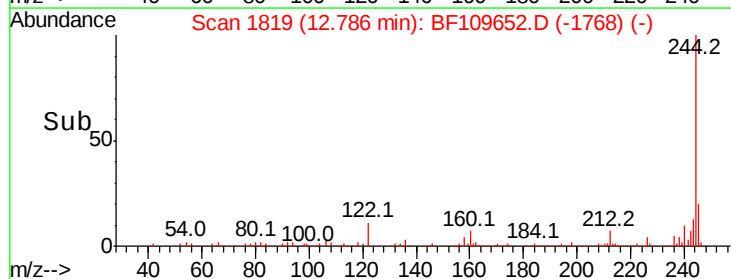
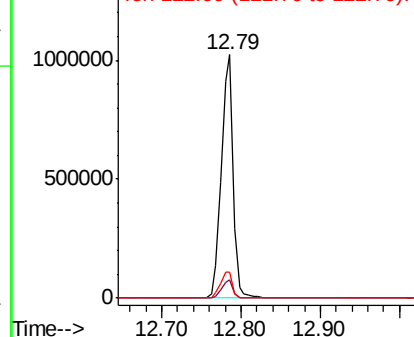
Lab File: BF109652.D

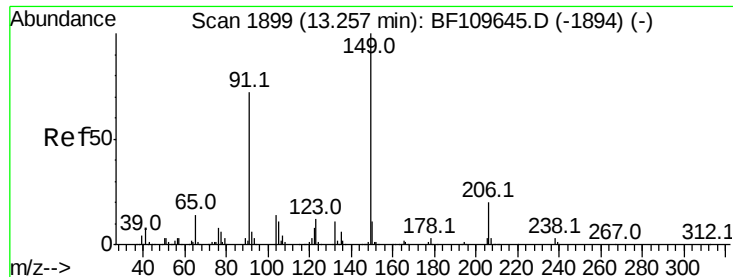
Acq: 8 Oct 2018 17:17

Tgt Ion:	244	Resp:	1054184
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.8
122	10.7	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





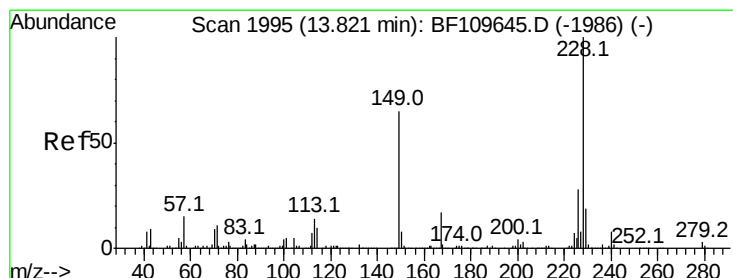
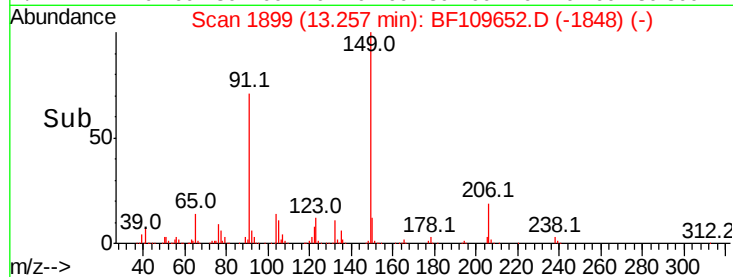
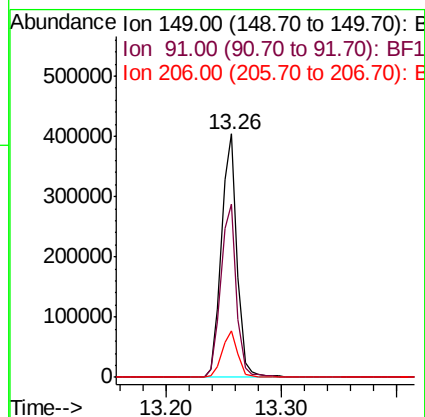
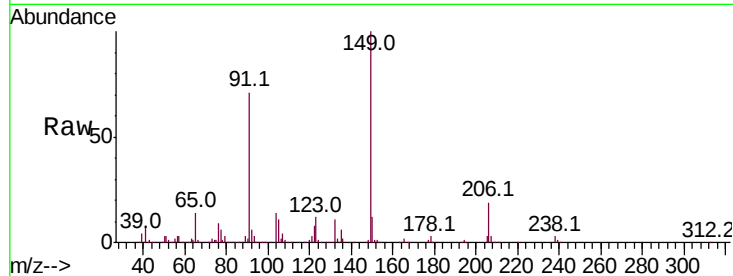
#79
Butylbenzylphthalate
Concen: 43.933 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampleId :
PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.1	57.2	85.8	
206	19.3	15.7	23.5	

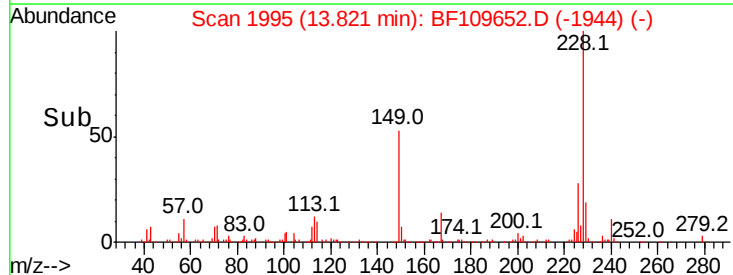
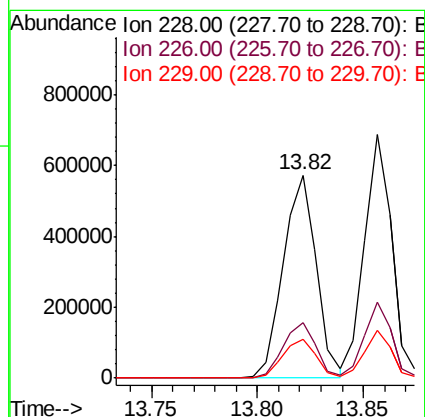
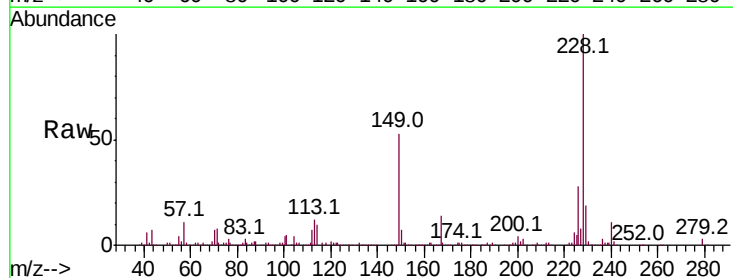
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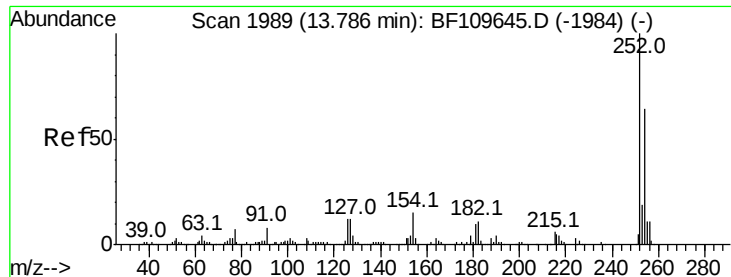
Sohil
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#80
Benzo(a)anthracene
Concen: 41.289 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.5	22.1	33.1	
229	19.2	15.6	23.4	





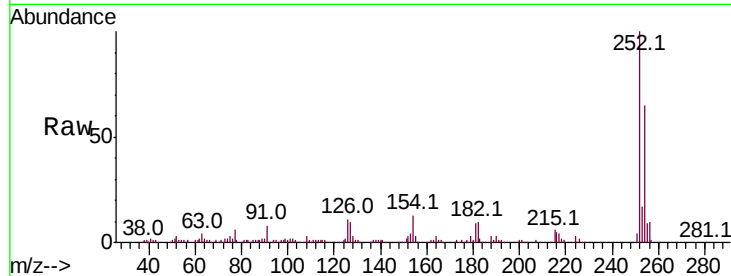
#81
 3,3'-Dichlorobenzidine
 Concen: 26.914 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	163738		
254	65.4	51.3	76.9	
126	10.5	9.4	14.2	

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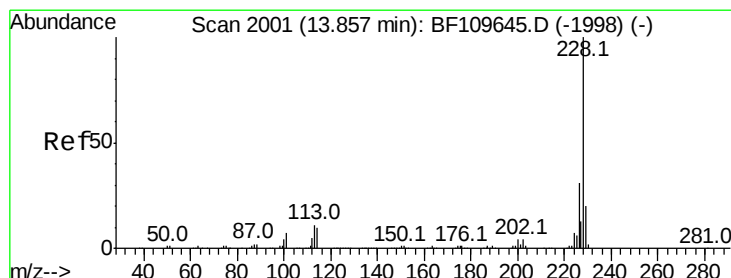
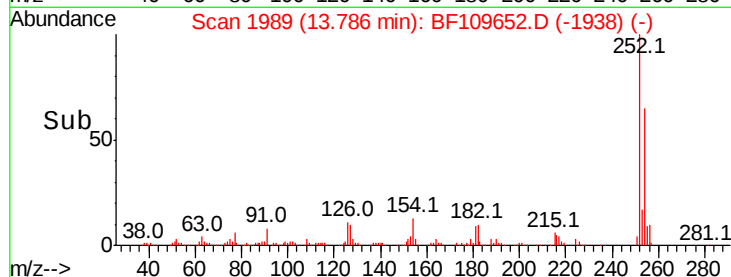
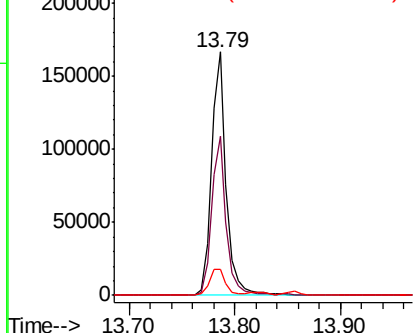


Abundance

Ion 252.00 (251.70 to 252.70): E

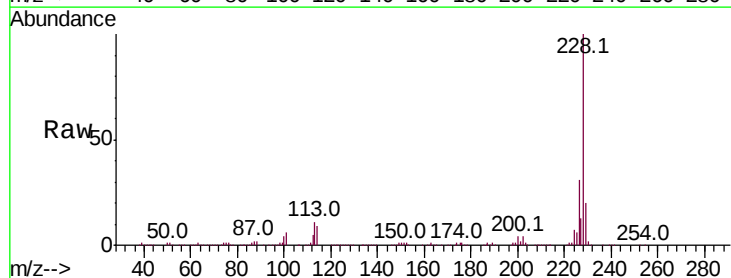
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.139 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	637033		
226	31.1	24.7	37.1	
229	19.7	15.9	23.9	

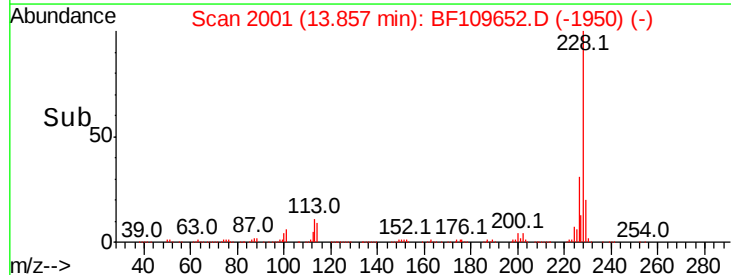
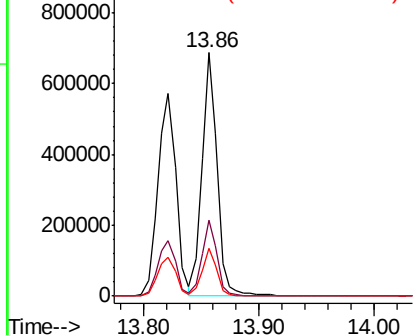


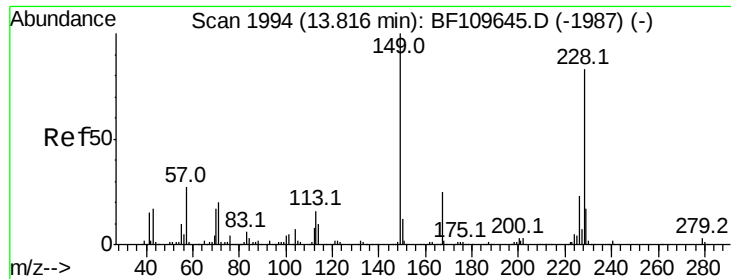
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





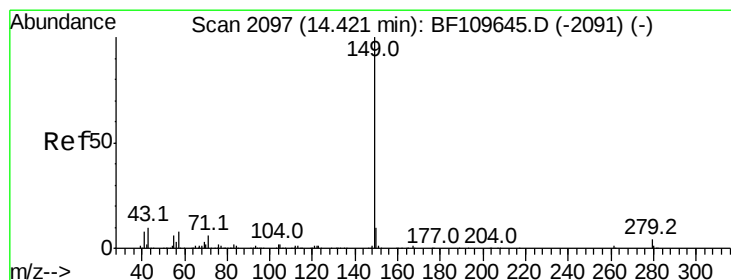
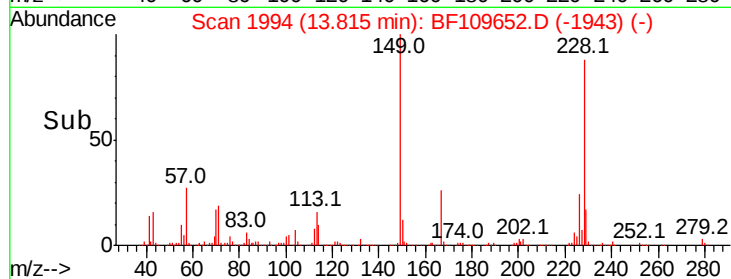
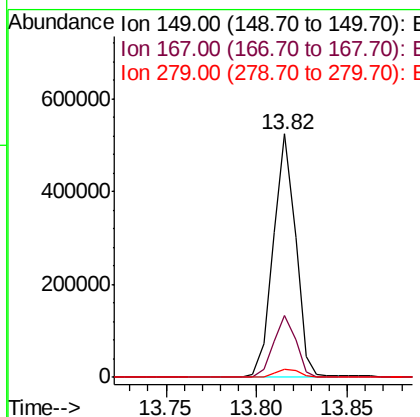
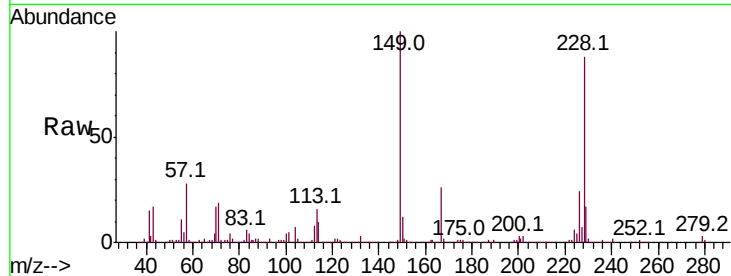
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.223 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.6	19.8	29.8	
279	3.4	2.7	4.1	

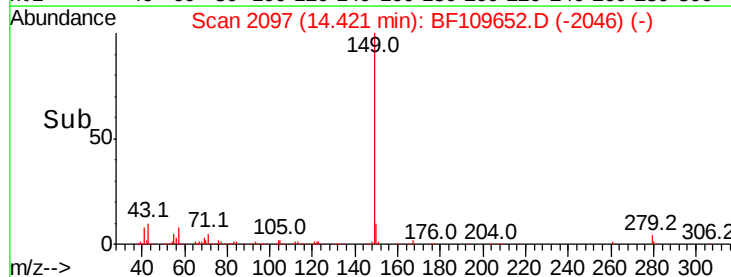
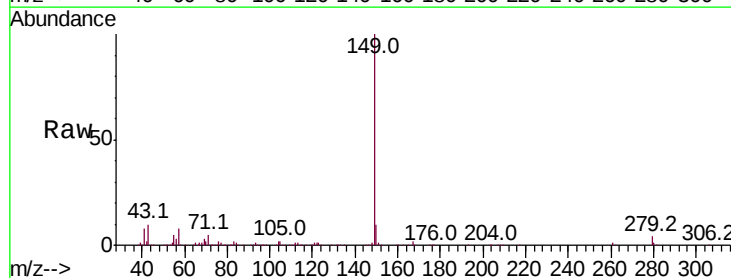
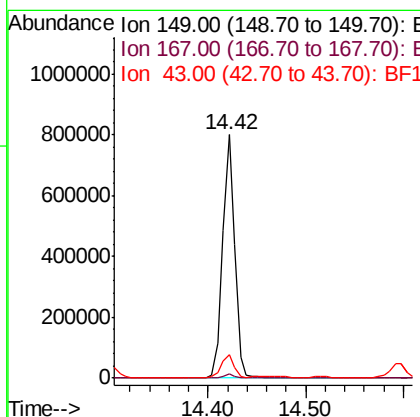
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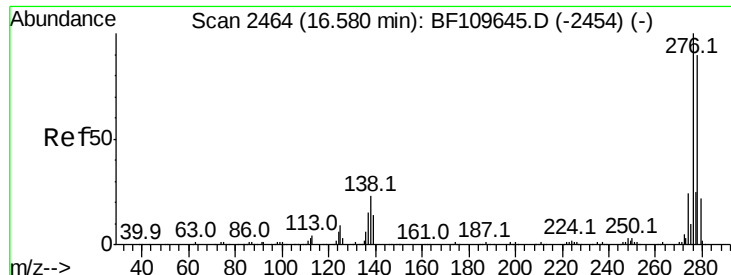
Sohil
 10/9/2018 2:57:24 PM



#84
 Di-n-octyl phthalate
 Concen: 41.209 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	9.5	7.8	11.8	





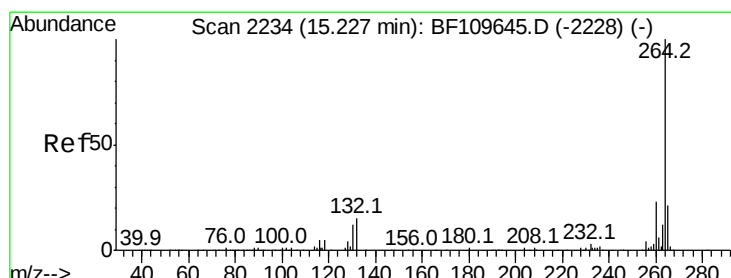
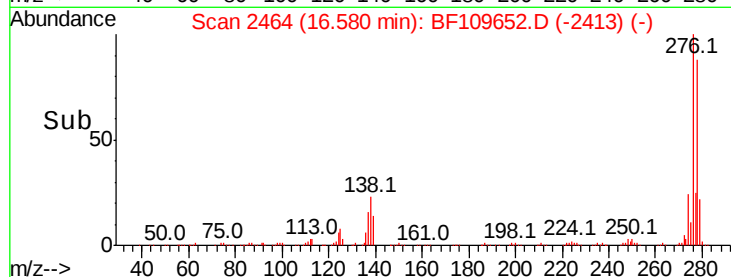
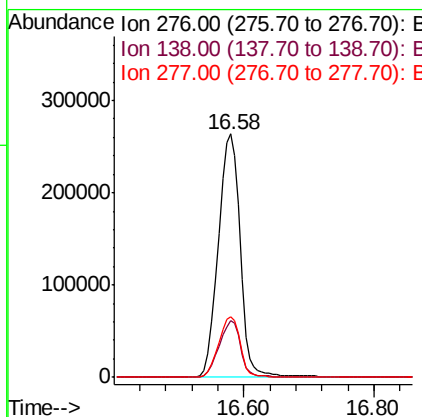
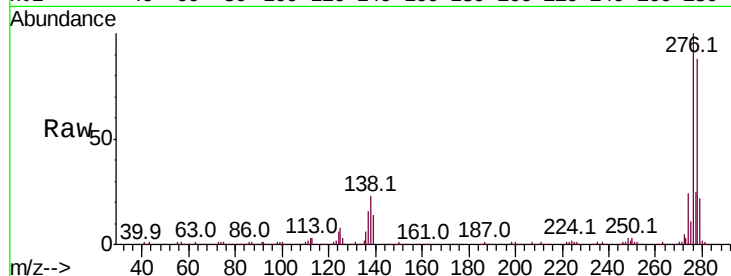
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.346 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	24.7	20.0	30.0

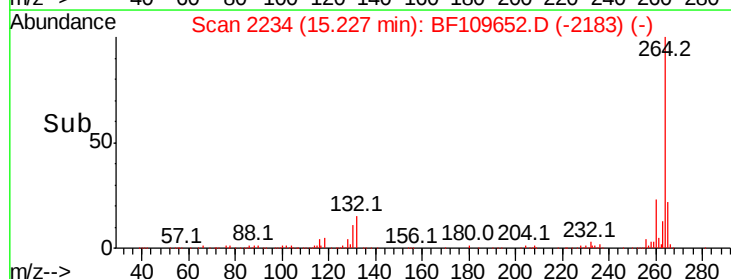
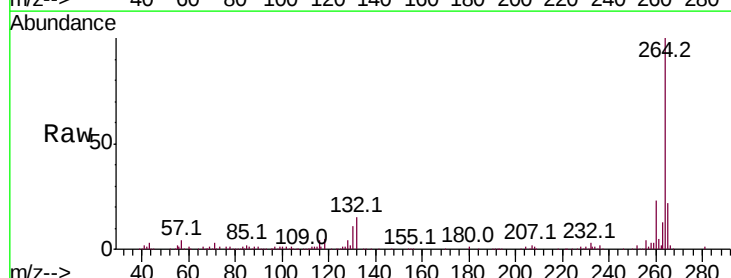
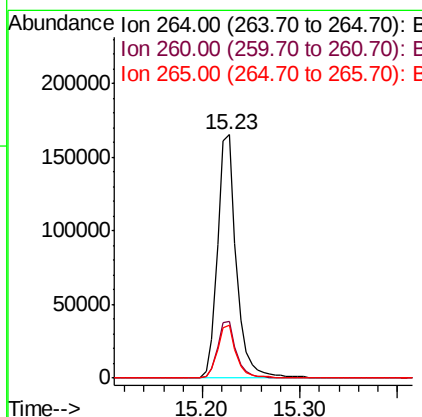
Manual Integrations
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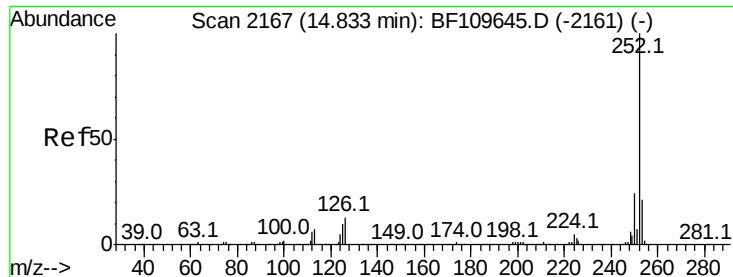
Sohil
 10/9/2018 2:57:24 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 41.868 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Instrument :

BNA_F

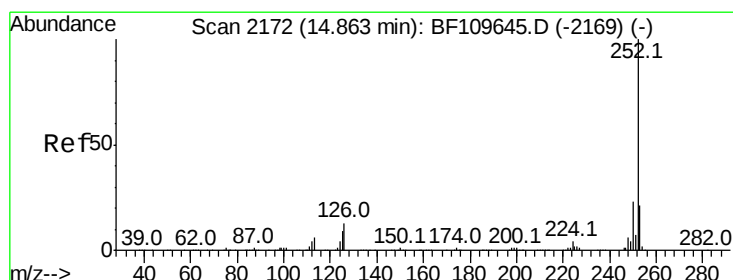
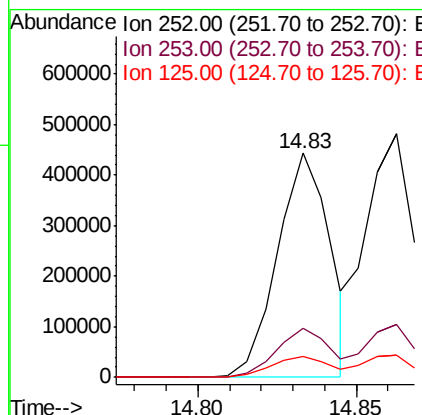
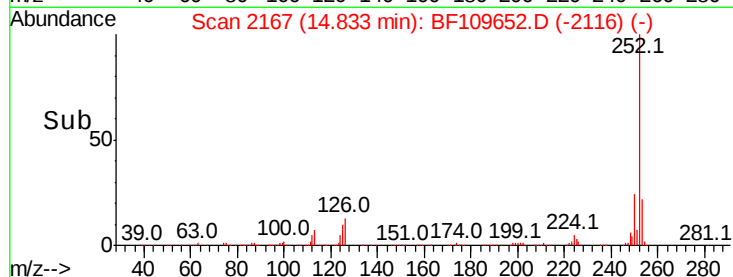
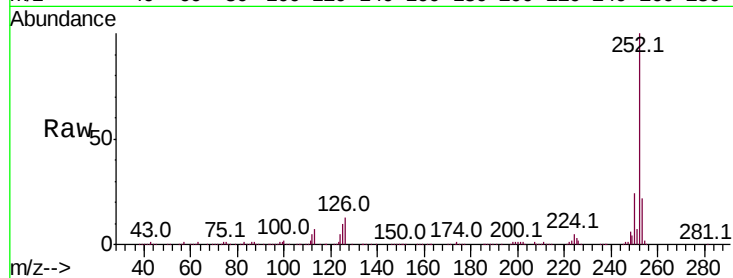
ClientSampleId :

PB113362BS

Tot Ion:	252	Resp:	513678
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	9.5	8.2	12.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.457 ng

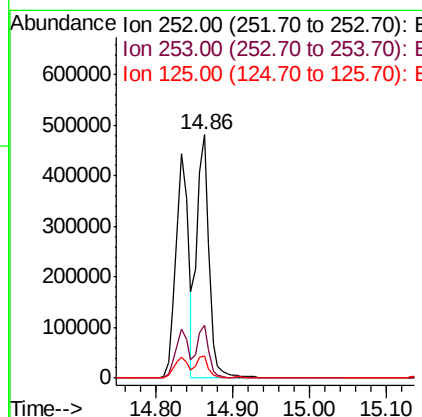
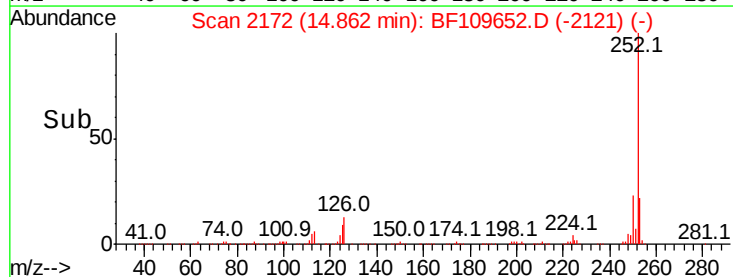
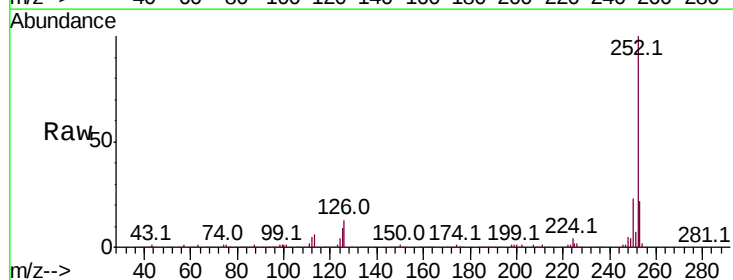
RT: 14.86 min Scan# 2172

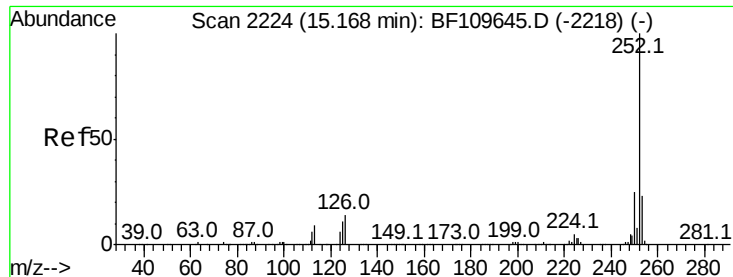
Delta R.T. -0.00 min

Lab File: BF109652.D

Acq: 8 Oct 2018 17:17

Tgt Ion:	252	Resp:	535704
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	9.2	7.4	11.0





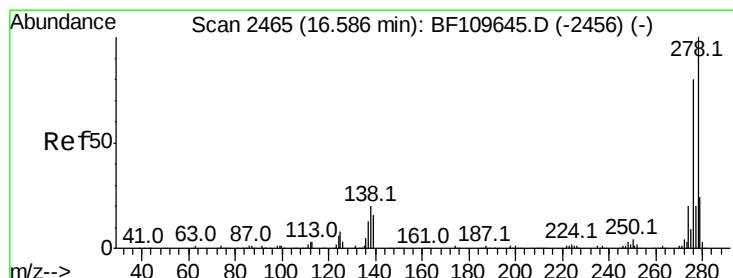
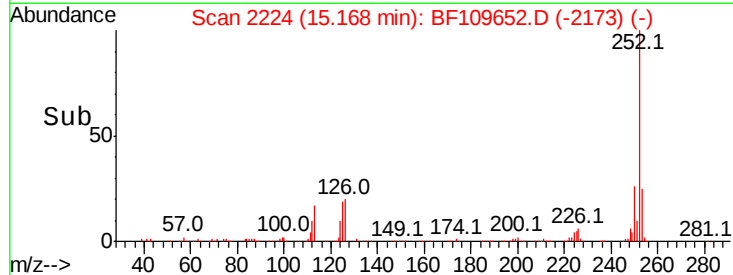
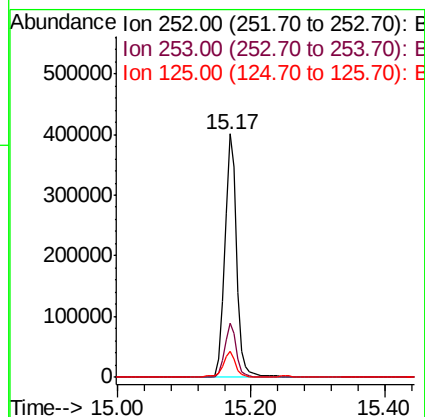
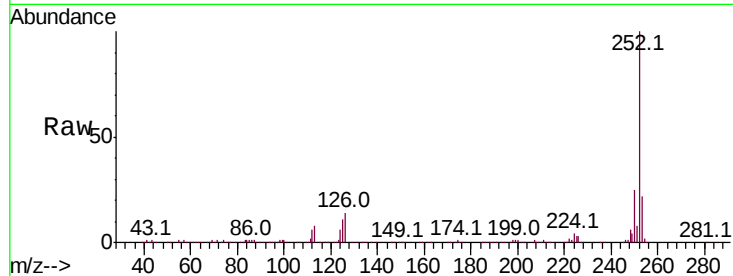
#89
Benzo(a)pyrene
Concen: 45.316 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Instrument :
BNA_F
ClientSampled :
PB113362BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.8	9.0	13.6

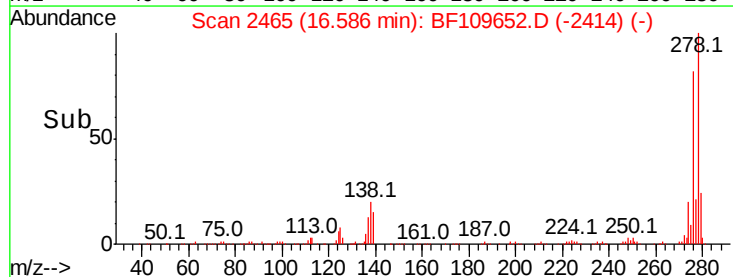
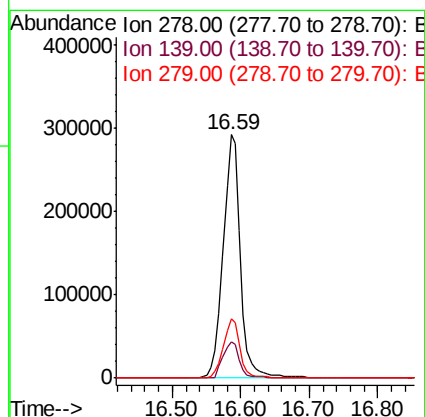
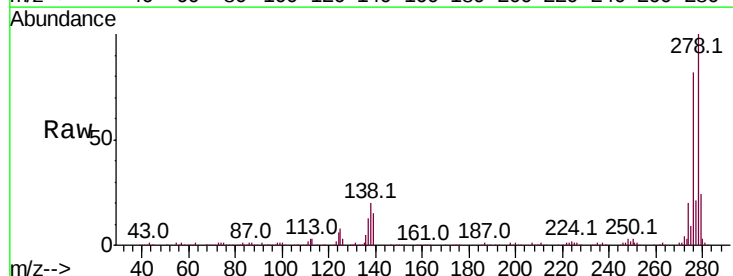
Manual Integrations
APPROVED

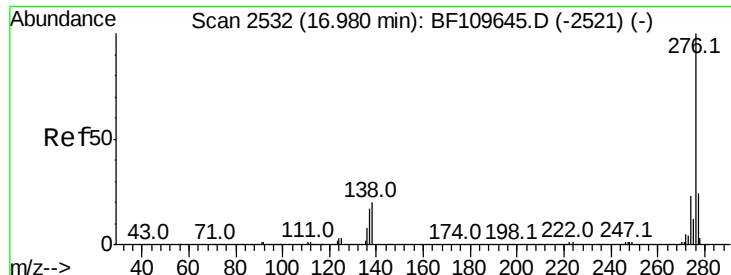
Sohil
10/9/2018 2:57:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.644 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF109652.D
Acq: 8 Oct 2018 17:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 59.573 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109652.D
 Acq: 8 Oct 2018 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB113362BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	20.0	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/9/2018 2:57:24 PM

