

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103694.D
 Acq On : 16 Mar 2018 14:12
 Operator : JU/SJ
 Sample : PB107310BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:00:45 PM

Quant Time: Mar 19 10:23:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170635	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	714101	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	334228	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	594453	20.00	ng	0.00
75) Chrysene-d12	14.17	240	491829	20.00	ng	0.02
86) Perylene-d12	15.72	264	423111	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	940898	83.87	ng	0.01
7) Phenol-d6	6.59	99	1165714	84.93	ng	0.00
23) Nitrobenzene-d5	7.53	82	988825	96.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	270598	94.16	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1659435	79.20	ng	0.00
78) Terphenyl-d14	13.09	244	1613940	76.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	183278	33.178	ng	92
3) Pyridine	3.66	79	510658	33.609	ng	89
4) n-Nitrosodimethylamine	3.62	42	228924	40.862	ng	91
6) Aniline	6.63	93	428382	21.858	ng	99
8) 2-Chlorophenol	6.75	128	473975	40.331	ng	97
9) Benzaldehyde	6.52	77	207526	23.015	ng	99
10) Phenol	6.60	94	588907	40.379	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	459417	38.158	ng	99
12) 1,3-Dichlorobenzene	6.91	146	480643	35.909	ng	100
13) 1,4-Dichlorobenzene	6.99	146	484730	36.039	ng	99
14) 1,2-Dichlorobenzene	7.14	146	450881	36.125	ng	98
15) Benzyl Alcohol	7.10	79	417740	39.282	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	633047	36.968	ng	96
17) 2-Methylphenol	7.21	107	400636	38.281	ng	99
18) Hexachloroethane	7.48	117	182929	38.665	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	323922	36.826	ng	96
20) 3+4-Methylphenols	7.36	107	494219	37.211	ng	88
22) Acetophenone	7.37	105	636138	34.662	ng	# 95
24) Nitrobenzene	7.55	77	496670	41.314	ng	98
25) Isophorone	7.79	82	937745	39.559	ng	99
26) 2-Nitrophenol	7.86	139	228370	49.549	ng	98
27) 2,4-Dimethylphenol	7.89	122	449409	44.254	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	594252	41.399	ng	99
29) 2,4-Dichlorophenol	8.10	162	384898	41.659	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	388346	36.240	ng	100
31) Naphthalene	8.27	128	1319776	36.587	ng	99
32) Benzoic acid	7.97	122	99377m	20.912	ng	
33) 4-Chloroaniline	8.31	127	160765	10.623	ng	100
34) Hexachlorobutadiene	8.39	225	207747	35.359	ng	99
35) Caprolactam	8.68	113	120915m	38.007	ng	
36) 4-Chloro-3-methylphenol	8.79	107	420119	41.247	ng	100
37) 2-Methylnaphthalene	8.96	142	875025	38.251	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	347962	36.493	ng	99
40) Hexachlorocyclopentadiene	9.12	237	408444	83.014	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	262115	42.977	nq	100
43) 2,4,5-Trichlorophenol	9.27	196	275821	40.068	nq	98
45) 1,1'-Biphenyl	9.43	154	1003320	36.000	nq	100
46) 2-Chloronaphthalene	9.46	162	809589	36.574	nq	98
47) 2-Nitroaniline	9.55	65	254384	44.507	nq	95
48) Acenaphthylene	9.87	152	1241040	36.155	nq	99
49) Dimethylphthalate	9.73	163	947515	37.158	nq	100
50) 2,6-Dinitrotoluene	9.79	165	214669	43.890	nq	96
51) Acenaphthene	10.05	154	774211	37.986	nq	99
52) 3-Nitroaniline	9.96	138	137310	25.195	nq	98
53) 2,4-Dinitrophenol	10.06	184	90267	67.394	nq #	24
54) Dibenzofuran	10.22	168	1113078	38.238	nq	97
55) 4-Nitrophenol	10.11	139	393203	83.961	nq	98
56) 2,4-Dinitrotoluene	10.19	165	286243	46.088	nq	97
57) Fluorene	10.56	166	837763	37.089	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	222210	45.556	nq	98
59) Diethylphthalate	10.43	149	936153	36.989	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	387435	37.531	nq	99
61) 4-Nitroaniline	10.58	138	239800	42.602	nq	98
62) Azobenzene	10.71	77	968369	37.634	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	86129	42.124	nq	92
65) n-Nitrosodiphenylamine	10.67	169	768974	38.004	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	237250	38.871	nq	94
67) Hexachlorobenzene	11.10	284	262832	37.730	nq	95
68) Atrazine	11.19	200	246384	39.363	nq	99
69) Pentachlorophenol	11.30	266	263362	65.759	nq	97
70) Phenanthrene	11.53	178	1212098	37.275	nq	99
71) Anthracene	11.58	178	1273855	38.570	nq	100
72) Carbazole	11.73	167	1202310	37.454	nq	99
73) Di-n-butylphthalate	12.05	149	1476525	38.334	nq	99
74) Fluoranthene	12.72	202	1295674	38.676	nq	100
76) Benzidine	12.83	184	576308	27.474	nq	99
77) Pyrene	12.95	202	1308036	36.214	nq	99
79) Butylbenzylphthalate	13.56	149	642489	40.148	nq	98
80) Benzo(a)anthracene	14.15	228	1199216	38.520	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	158534	15.224	nq	97
82) Chrysene	14.20	228	1124110	37.878	nq	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	907227	39.684	nq #	100
84) Di-n-octyl phthalate	14.78	149	1491674	44.850	nq	97
85) Indeno(1,2,3-cd)pyrene	17.29	276	915152	35.311	nq	97
87) Benzo(b)fluoranthene	15.26	252	1125246	42.095	nq	98
88) Benzo(k)fluoranthene	15.30	252	969347	37.724	nq	99
89) Benzo(a)pyrene	15.66	252	987876	40.745	nq	100
90) Dibenzo(a,h)anthracene	17.30	278	765005	36.439	nq	98
91) Benzo(g,h,i)perylene	17.76	276	748350	36.641	nq	95

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

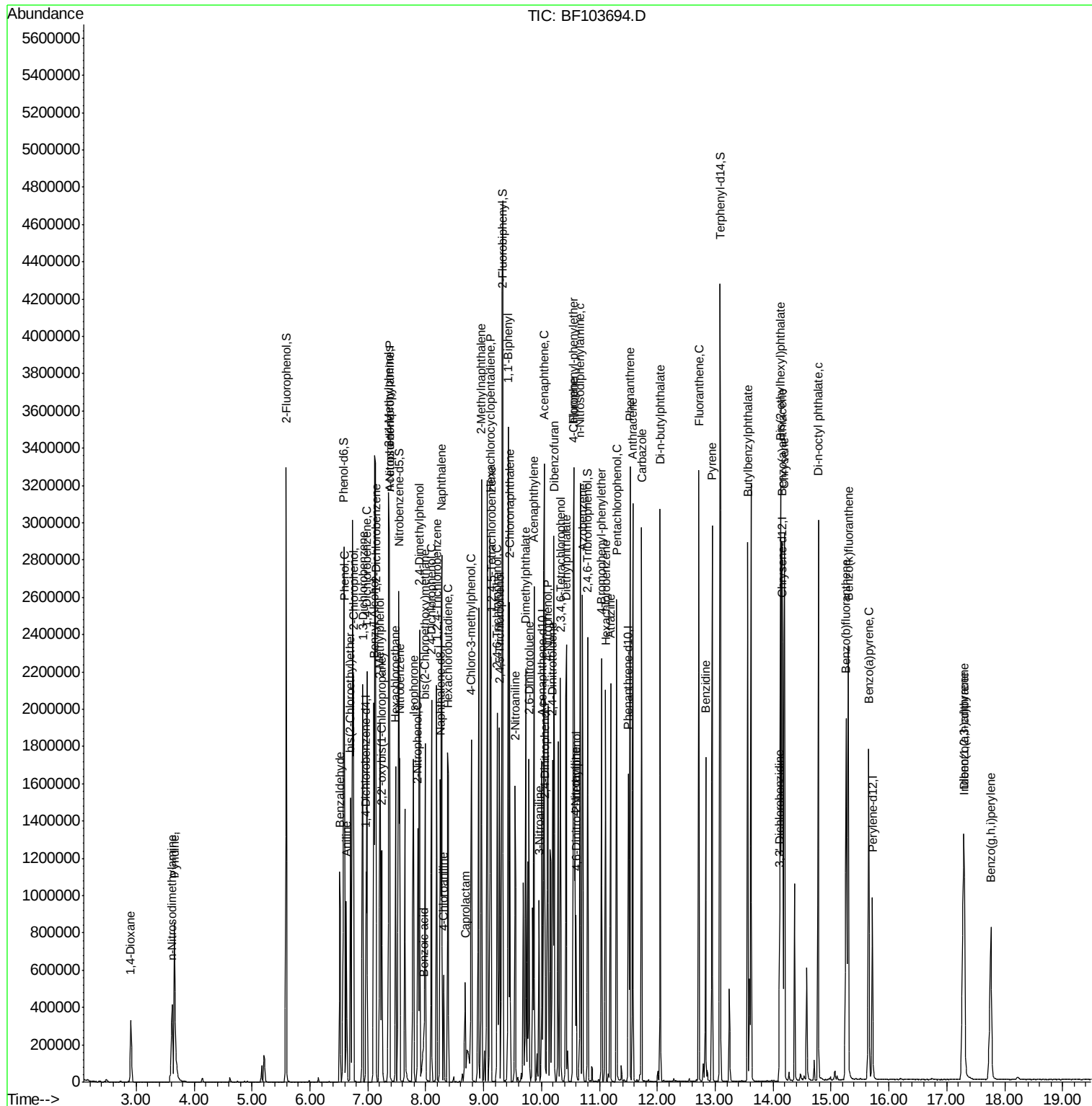
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
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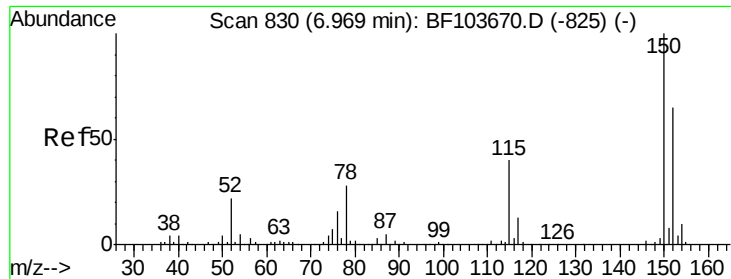
Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Manual Integrations
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#1

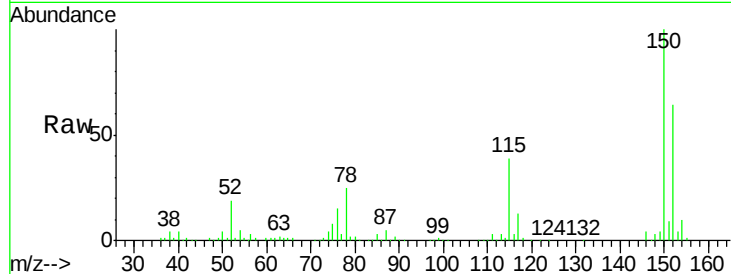
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

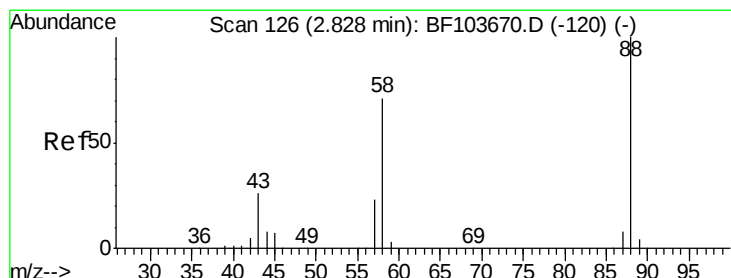
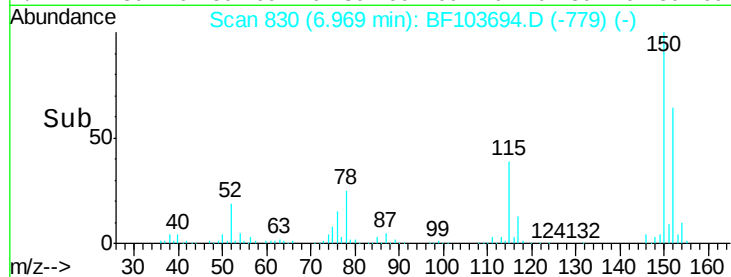
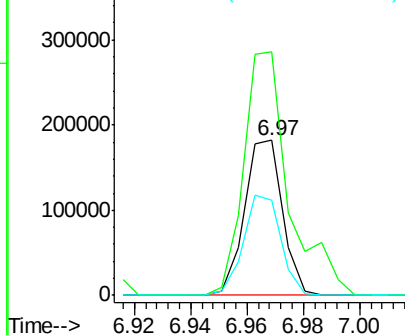
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	61.7	50.1	75.1

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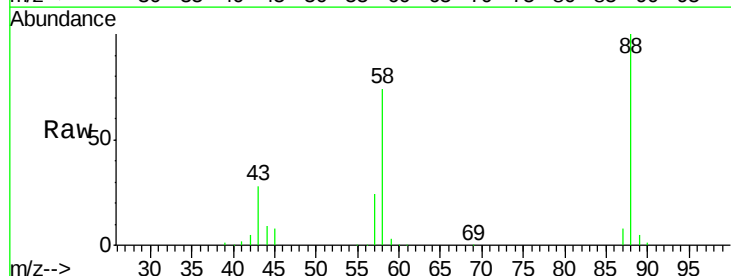
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



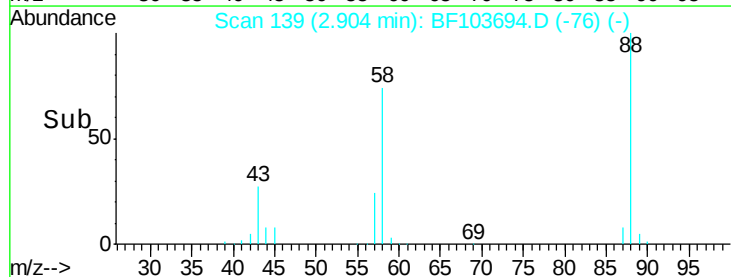
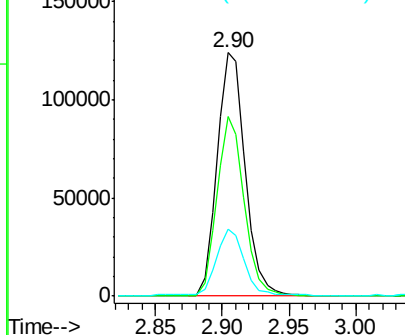
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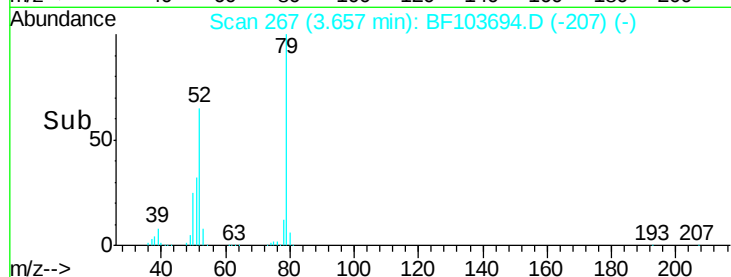
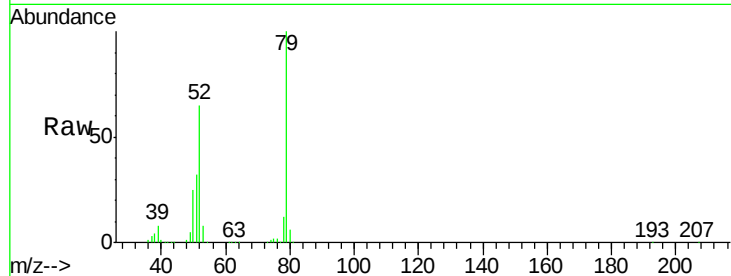
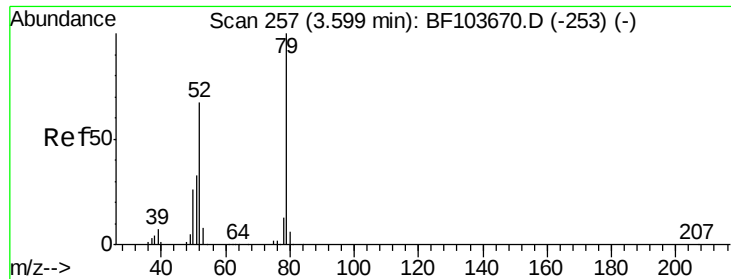
1,4-Dioxane
Concen: 33.178 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.07 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	62.6	93.8
43	26.3	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





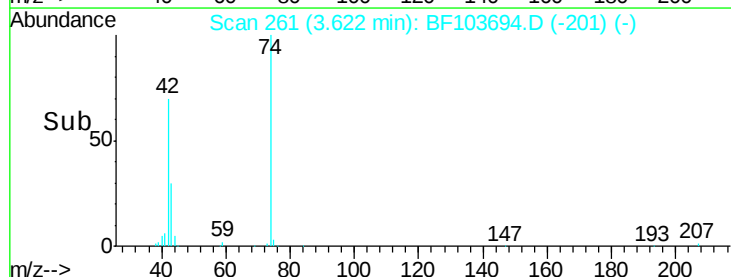
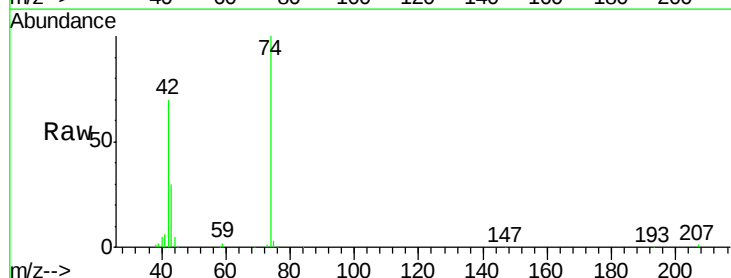
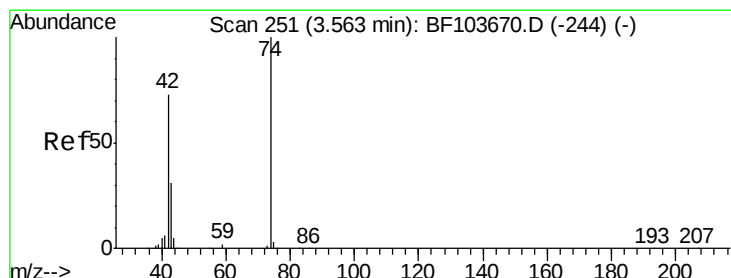
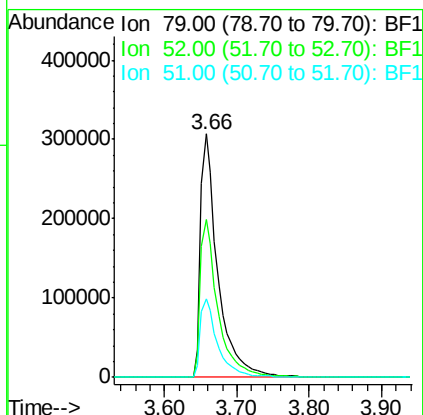
#3
Pvridine
Concen: 33.609 ng
RT: 3.66 min Scan# 267
Delta R.T. 0.05 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	64.8	59.8	89.6
51	32.3	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB107310BS

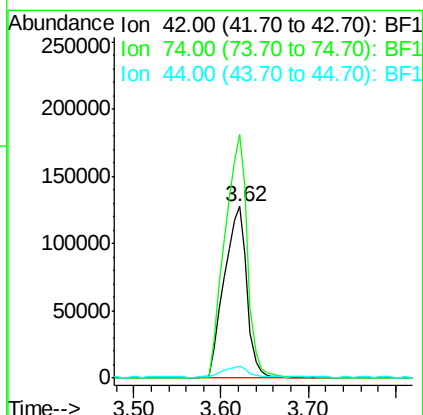
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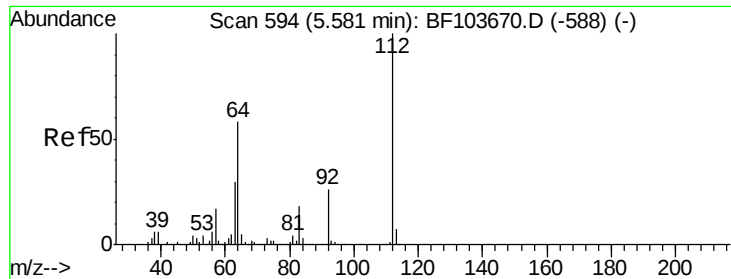
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#4
n-Nitrosodimethylamine
Concen: 40.862 ng
RT: 3.62 min Scan# 261
Delta R.T. 0.05 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	142.1	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 83.869 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

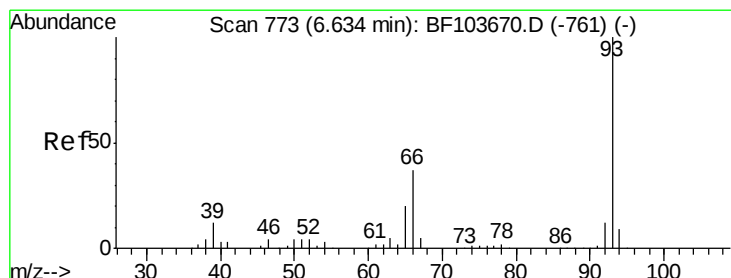
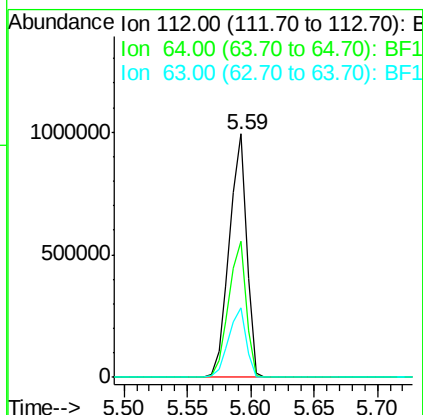
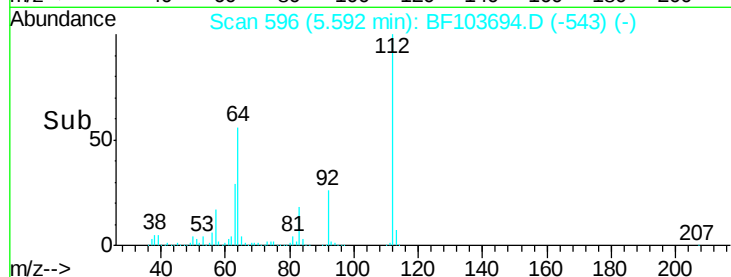
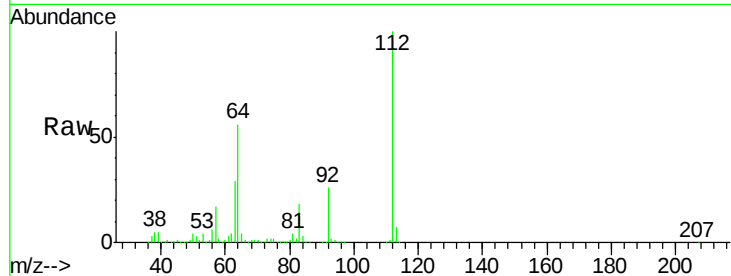
ClientSampleId :

PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	940898		
64	55.9	47.9	71.9	
63	28.5	23.7	35.5	

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#6

Aniline

Concen: 21.858 ng

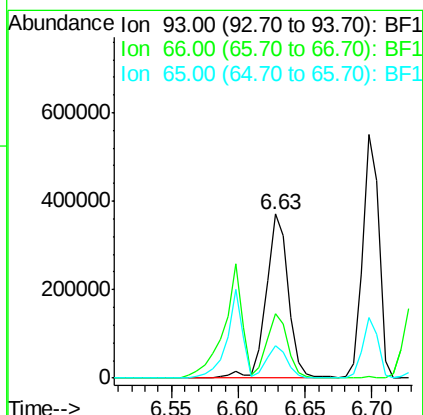
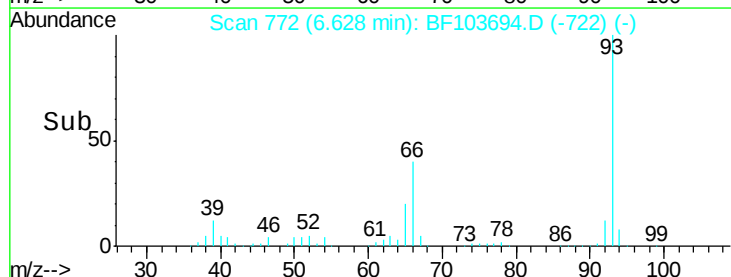
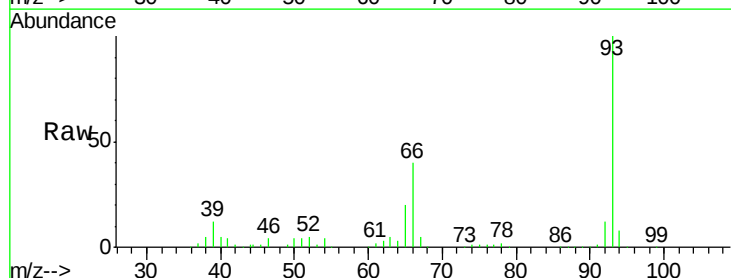
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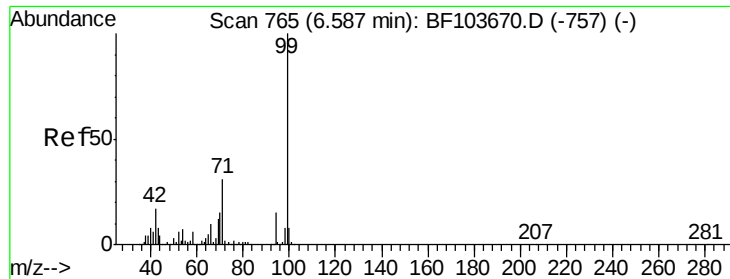
Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	428382		
66	39.6	32.2	48.2	
65	20.1	16.4	24.6	





#7

Phenol-d6

Concen: 84.932 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

PB107310BS

Tot Ion: 99 Resp: 1165714

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

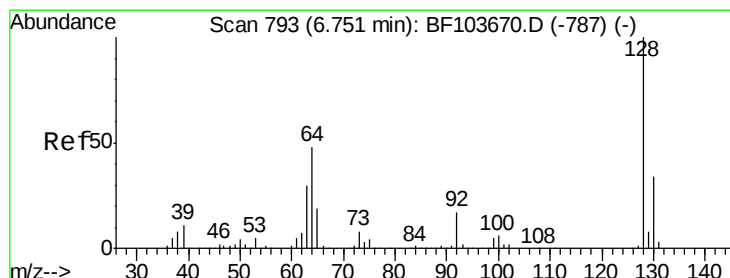
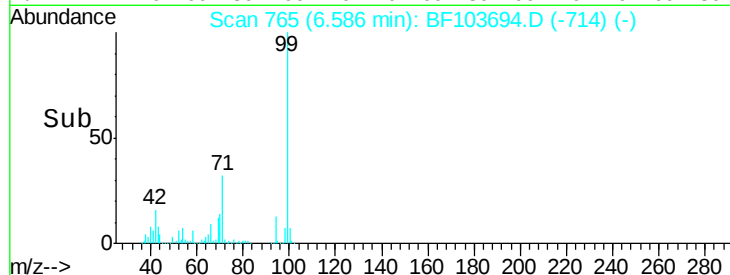
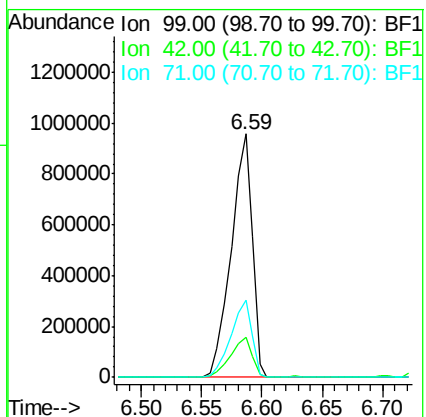
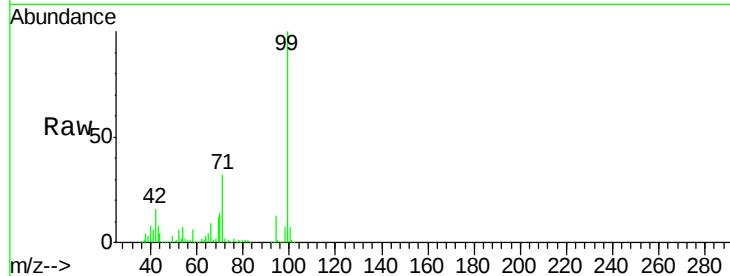
71 31.7 25.4 38.0

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#8

2-Chlorophenol

Concen: 40.331 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

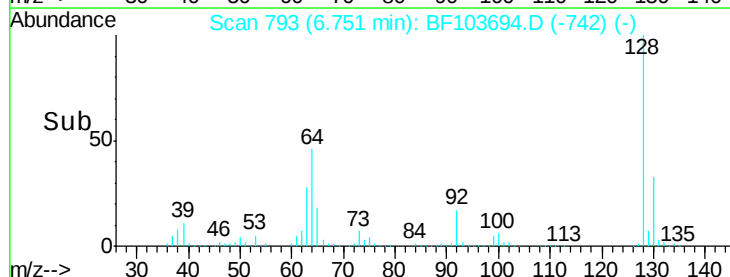
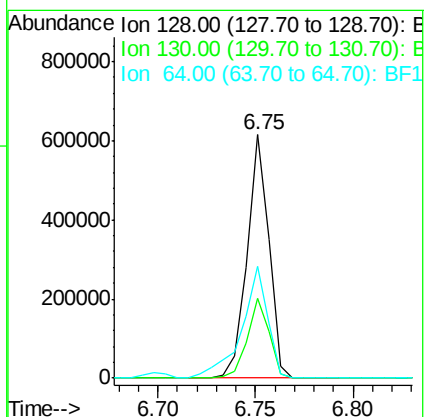
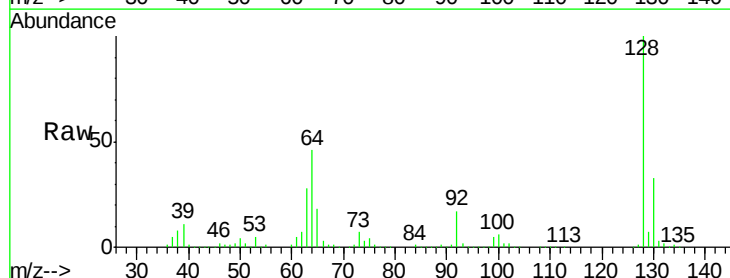
Tgt Ion: 128 Resp: 473975

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 46.0 29.4 69.4





#9

Benzaldehyde

Concen: 23.015 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

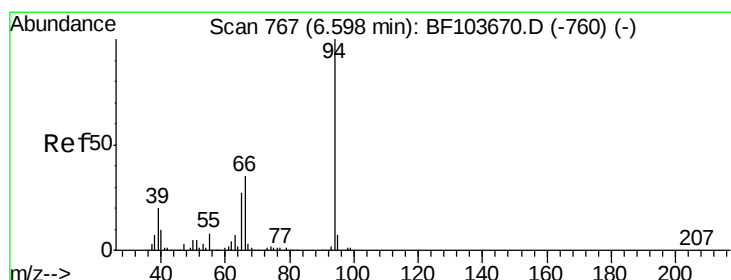
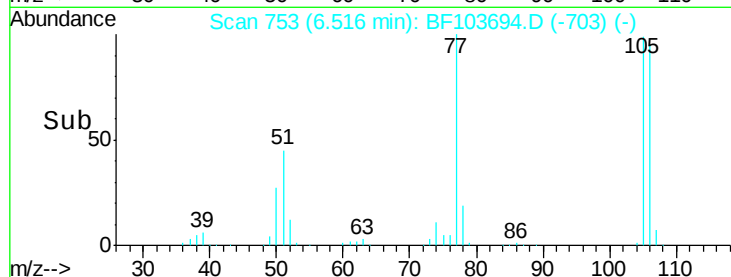
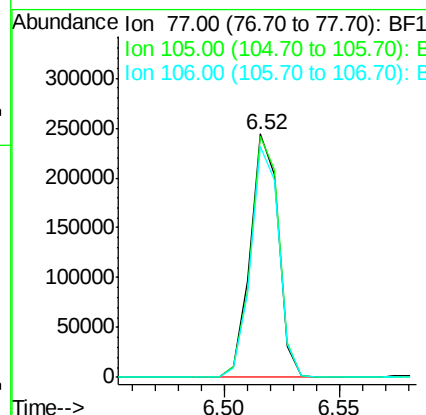
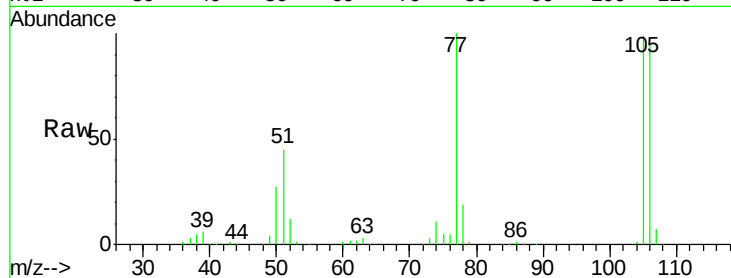
ClientSampleId :

PB107310BS

Tot Ion:	77	Resp:	207526
Ion	Ratio	Lower	Upper
77	100		
105	99.0	81.1	121.1
106	94.8	74.5	114.5

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#10

Phenol

Concen: 40.379 ng

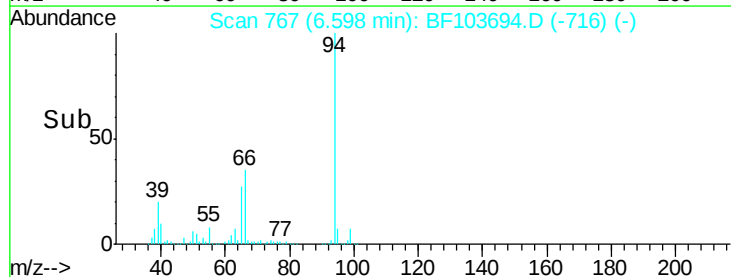
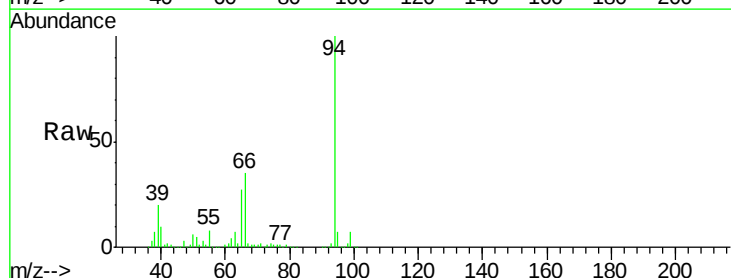
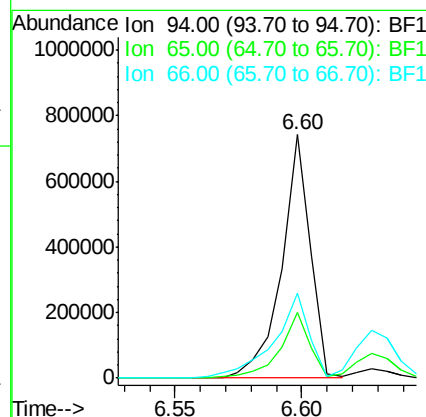
RT: 6.60 min Scan# 767

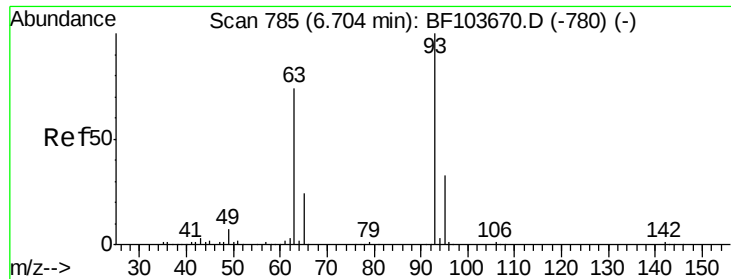
Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	94	Resp:	588907
Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	34.9	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.158 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

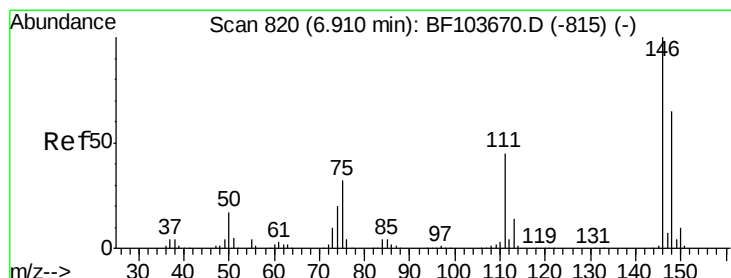
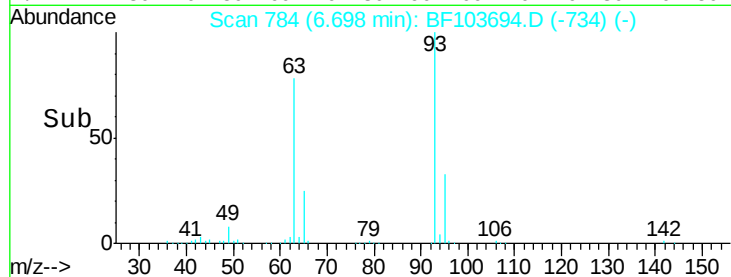
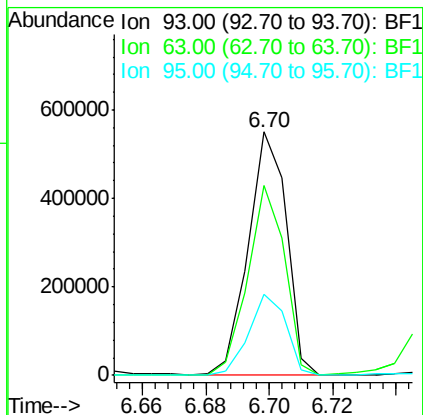
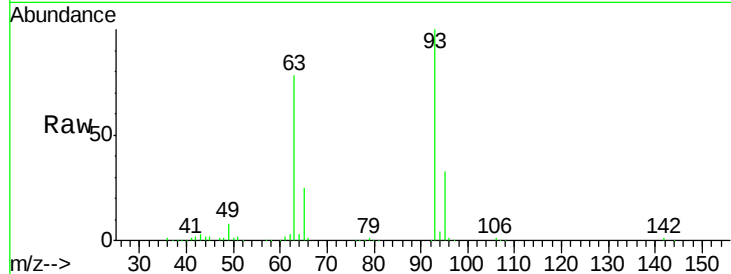
ClientSampleId :

PB107310BS

Tot Ion:	93	Resp:	459417
Ion Ratio	Lower	Upper	
93	100		
63	78.2	58.6	98.6
95	33.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 35.909 ng

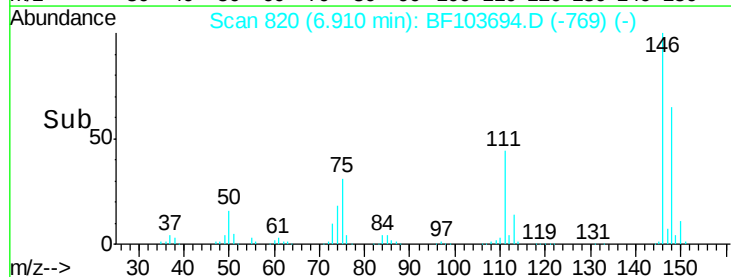
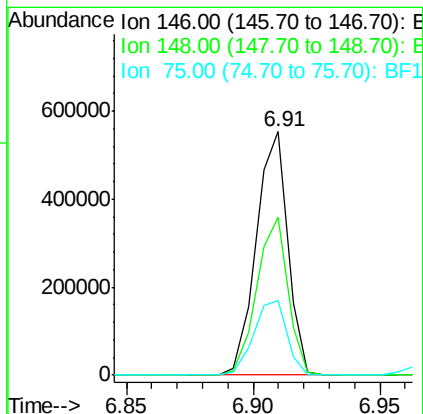
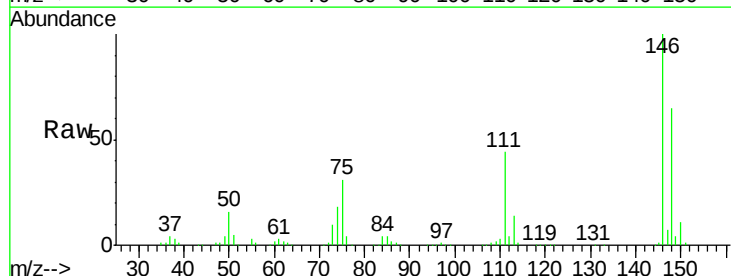
RT: 6.91 min Scan# 820

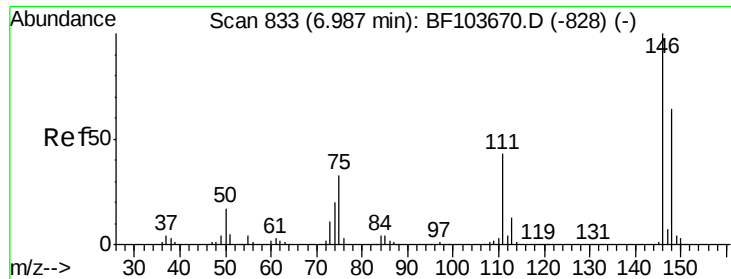
Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	146	Resp:	480643
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.8
75	30.8	24.2	36.4





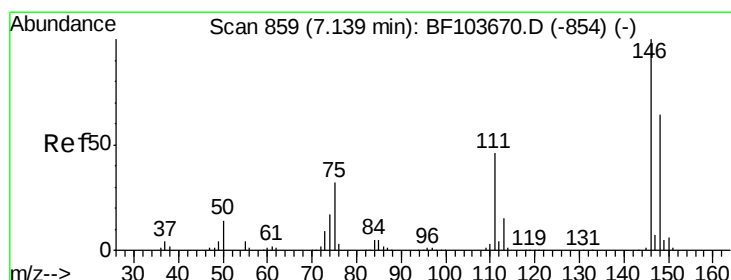
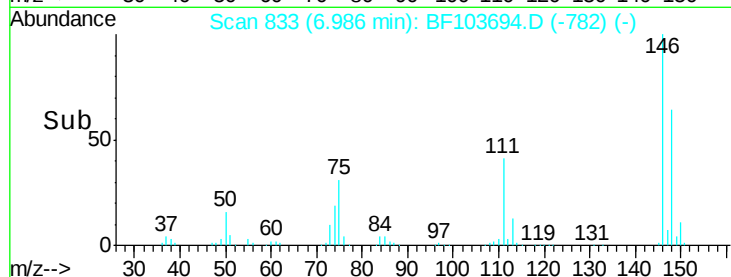
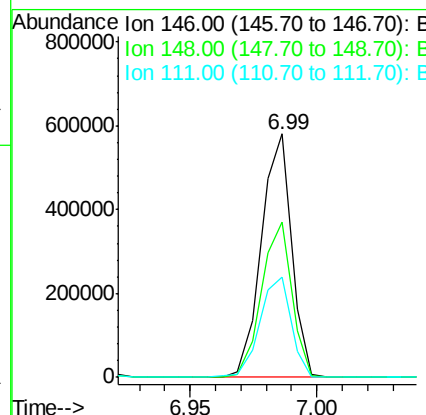
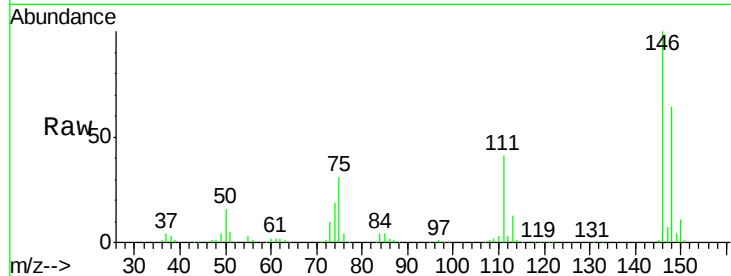
#13
 1,4-Dichlorobenzene
 Concen: 36.039 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	41.2	34.2	51.2

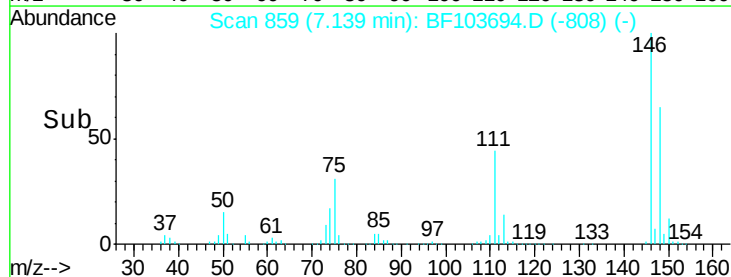
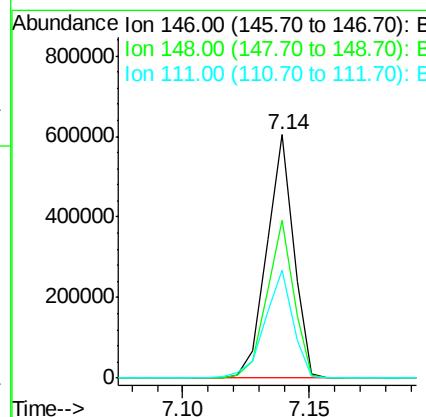
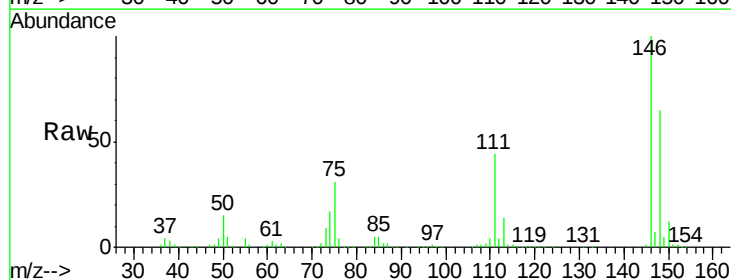
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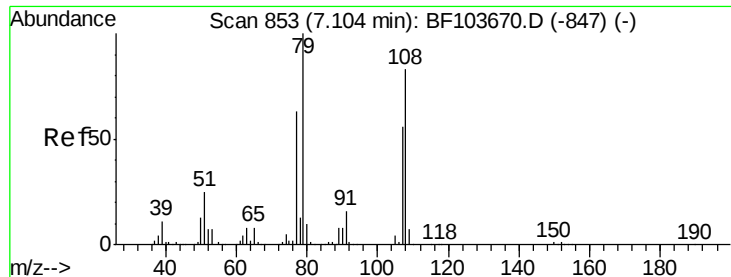
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.125 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	44.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.282 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

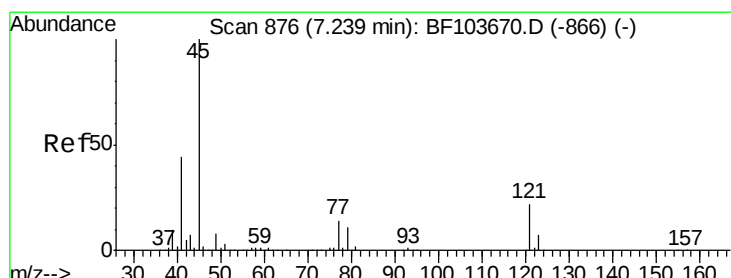
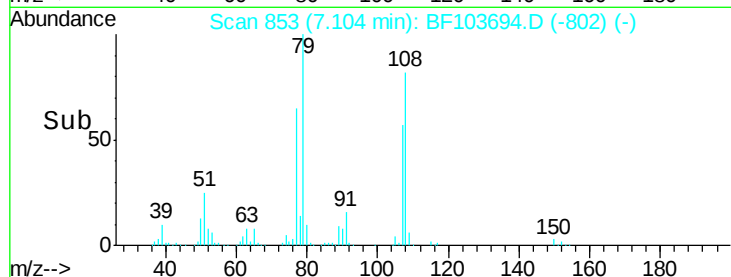
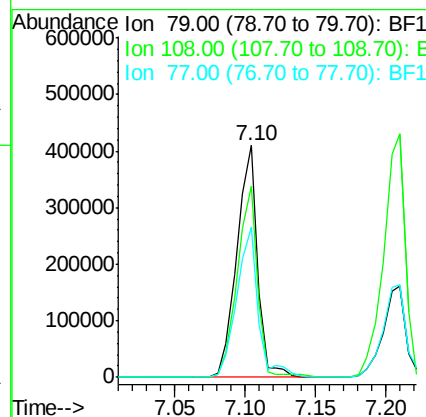
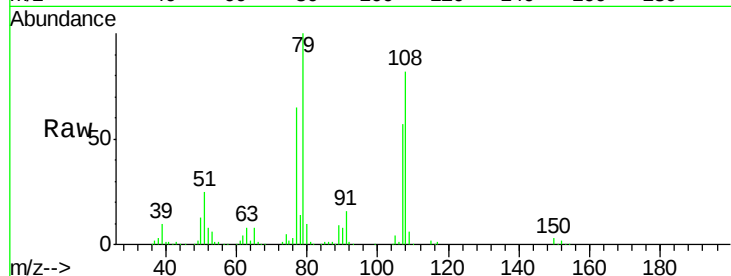
ClientSampled :

PB107310BS

Tot Ion:	79	Resp:	417740
Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.1	97.7
77	64.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.968 ng

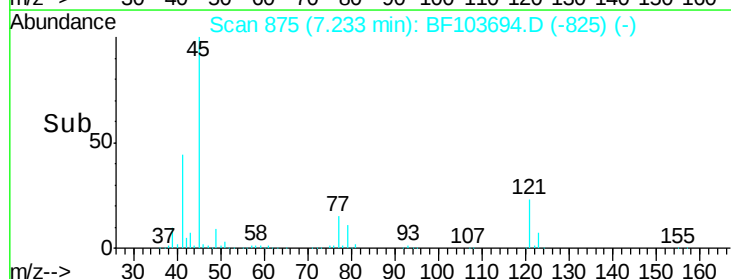
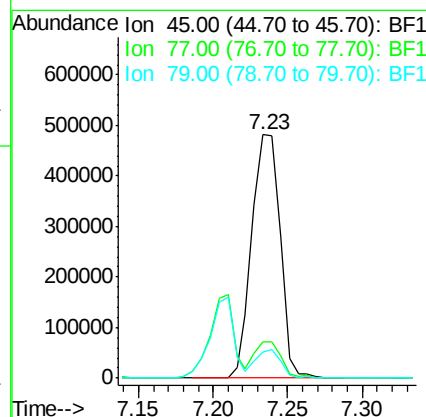
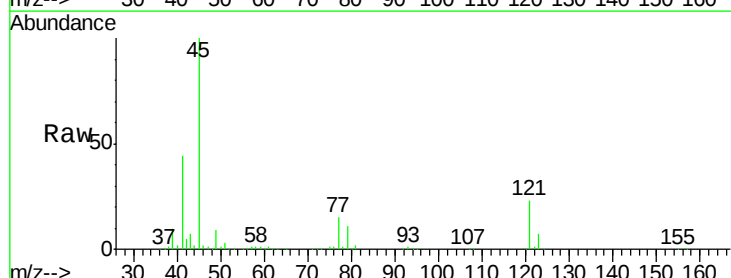
RT: 7.23 min Scan# 875

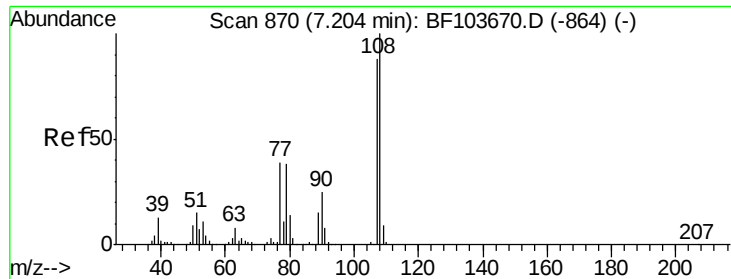
Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	45	Resp:	633047
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	32.9
79	10.9	0.0	29.6





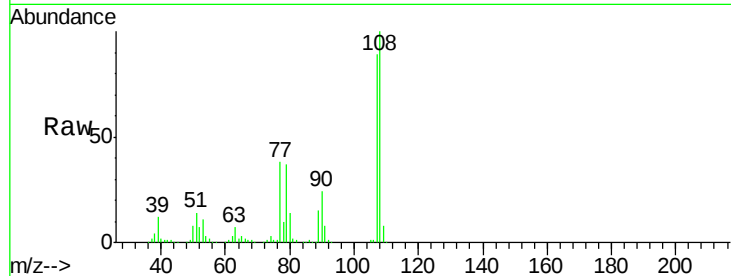
#17
2-Methylphenol
Concen: 38.281 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

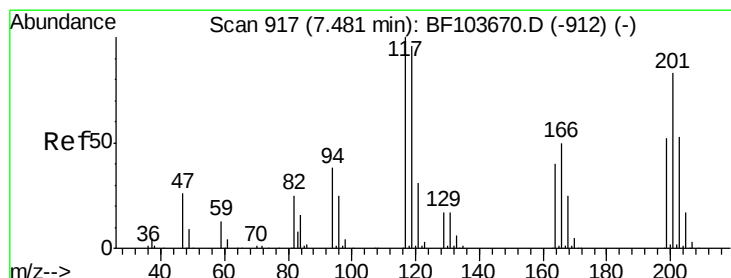
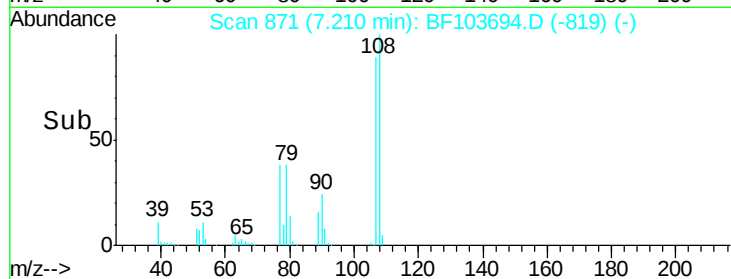
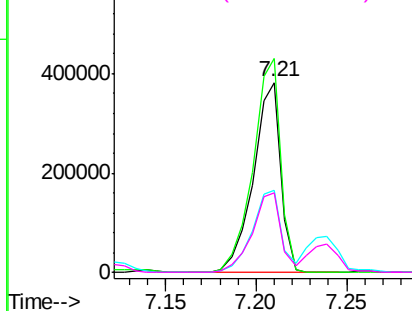
Tot Ion	107	Resp	400636
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	43.1	33.8	50.8
79	42.0	33.8	50.8

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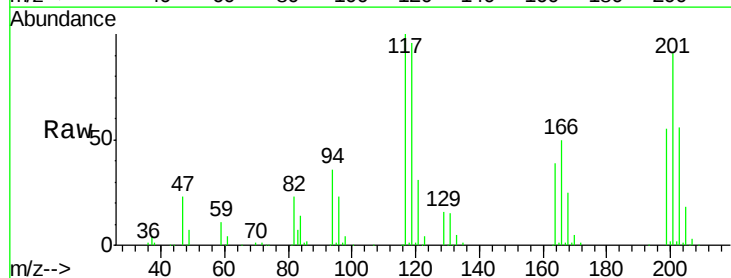


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

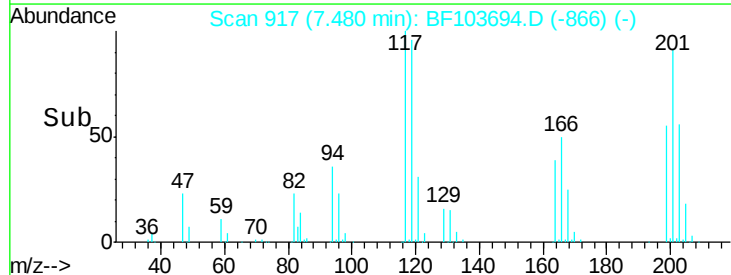
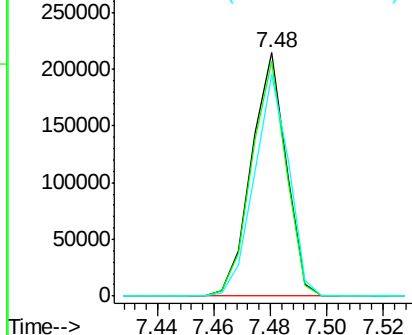


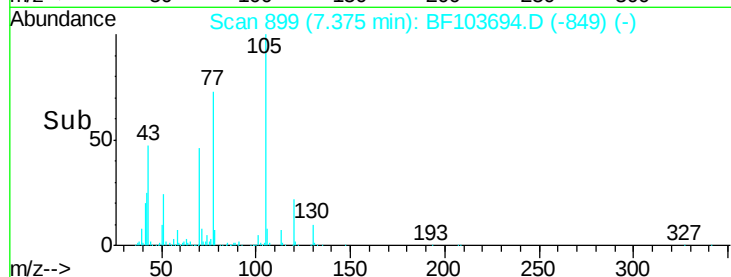
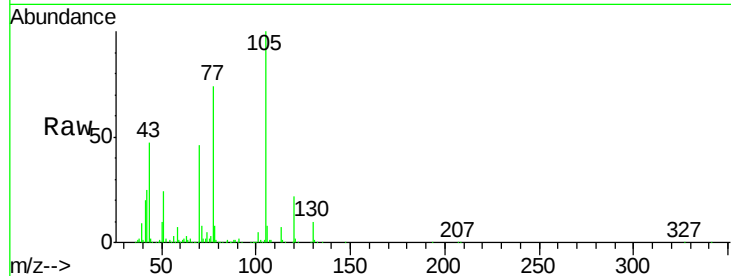
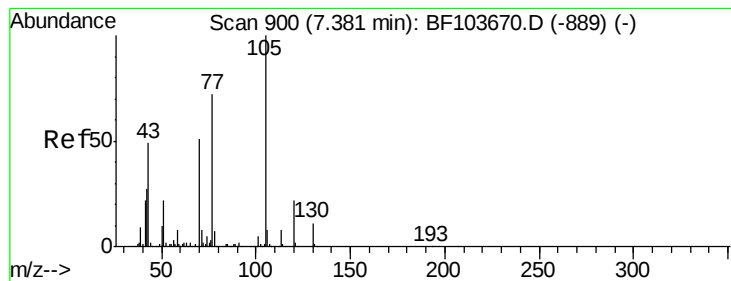
#18
Hexachloroethane
Concen: 38.665 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	117	Resp	182929
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.8	113.8
201	91.0	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.826 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

PB107310BS

Tot Ion: 70 Resp: 323922

Ion Ratio Lower Upper

70 100

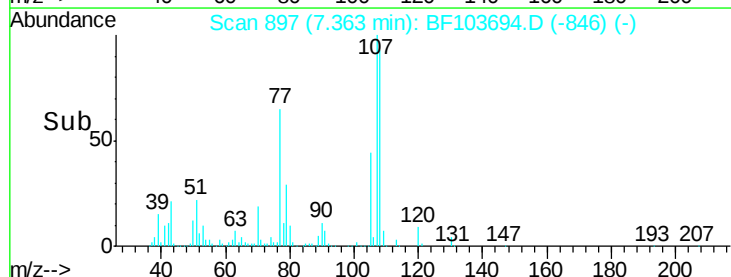
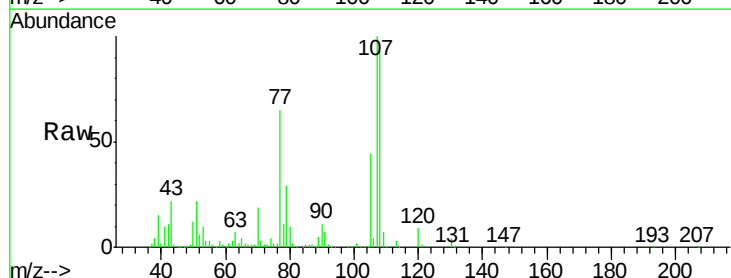
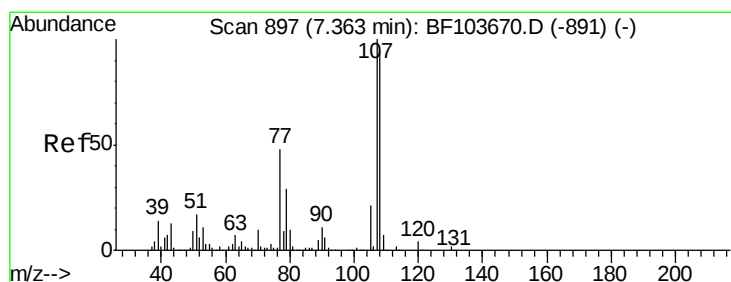
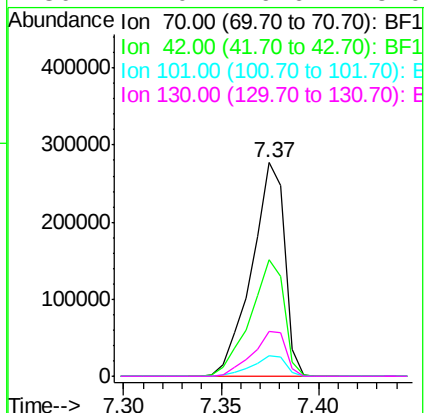
42 54.8 47.5 71.3

101 9.9 7.4 11.2

130 21.0 16.6 25.0

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#20

3+4-Methylphenols

Concen: 37.211 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion: 107 Resp: 494219

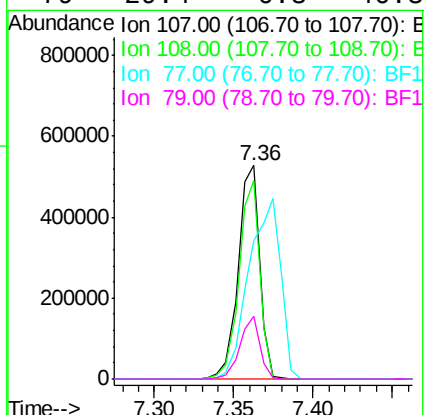
Ion Ratio Lower Upper

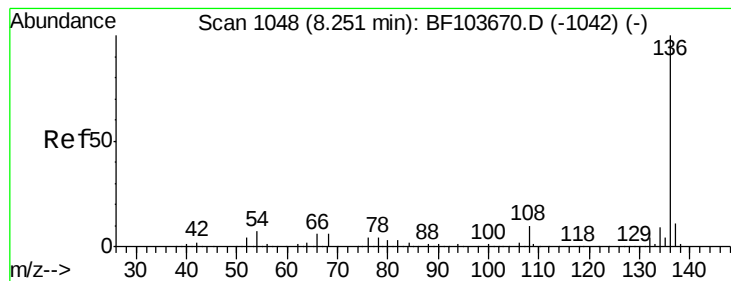
107 100

108 92.7 68.2 108.2

77 64.9 26.7 66.7

79 29.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

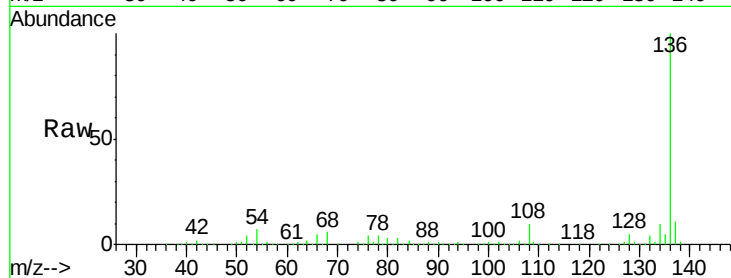
ClientSampleId :

PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	714101		
137	10.8		8.9	13.3
54	7.3		6.6	9.8
68	6.0		5.0	7.4

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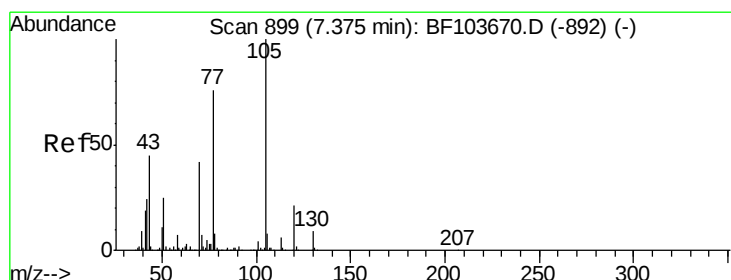
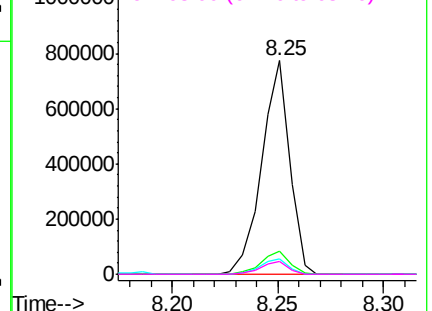
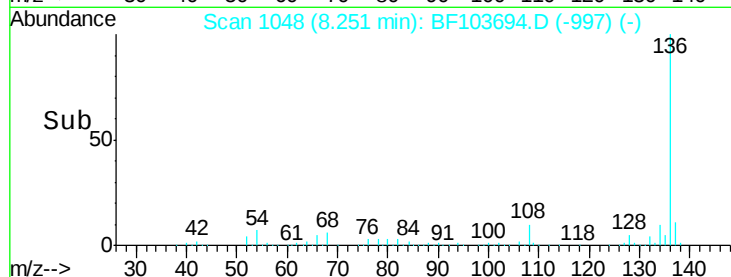


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.662 ng

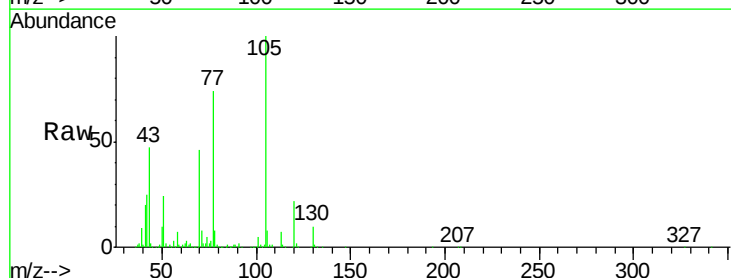
RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	636138		
71	7.7		4.4	6.6#
51	24.3		22.3	33.5
120	22.2		16.9	25.3

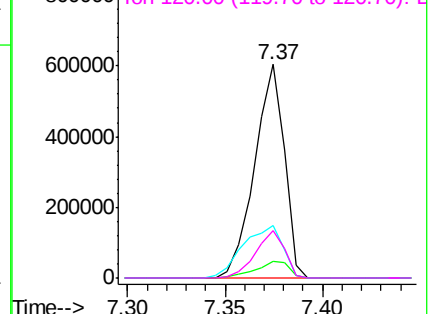
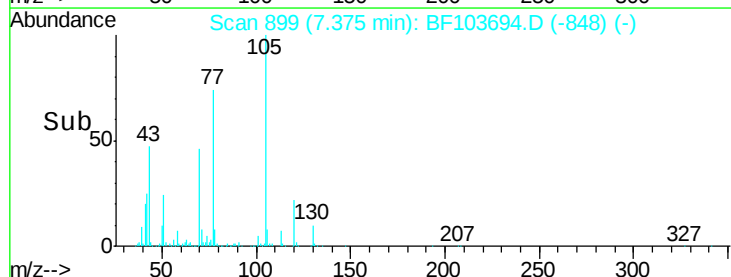


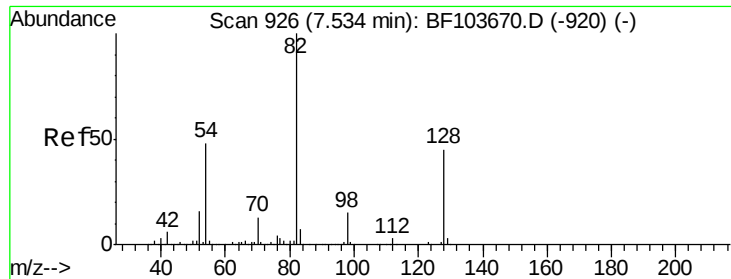
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





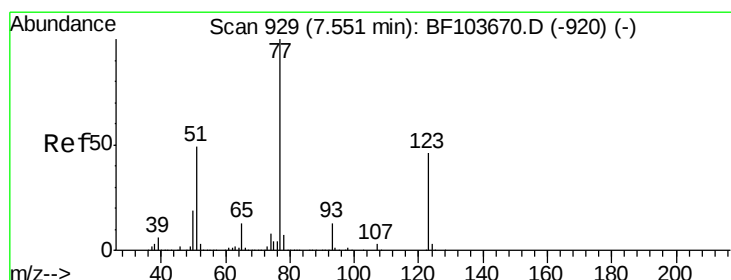
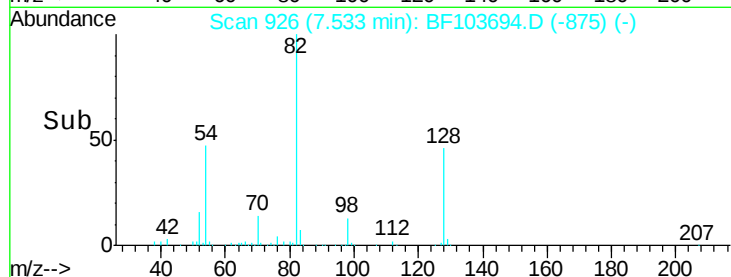
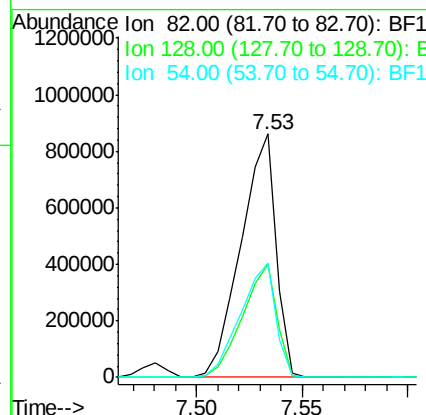
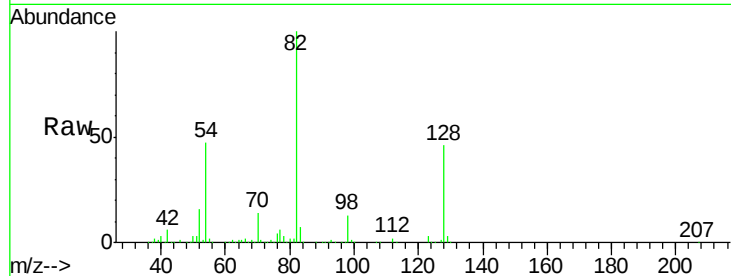
#23
Nitrobenzene-d5
Concen: 96.564 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	988825		
128	46.4	36.1	54.1	
54	47.0	41.4	62.2	

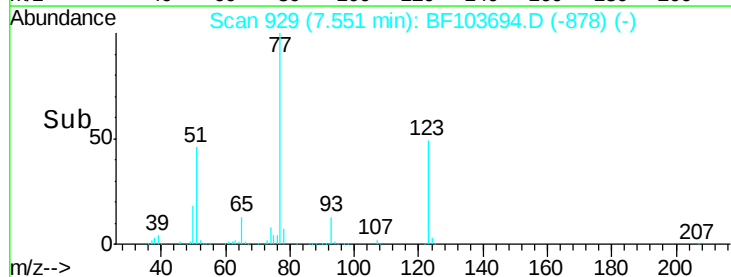
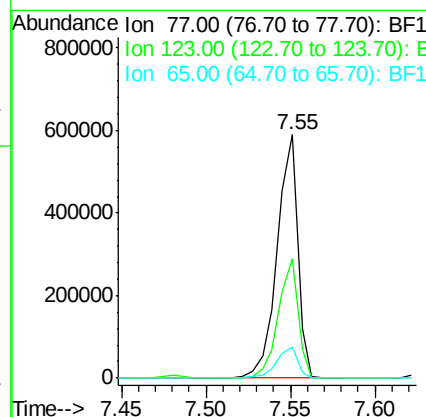
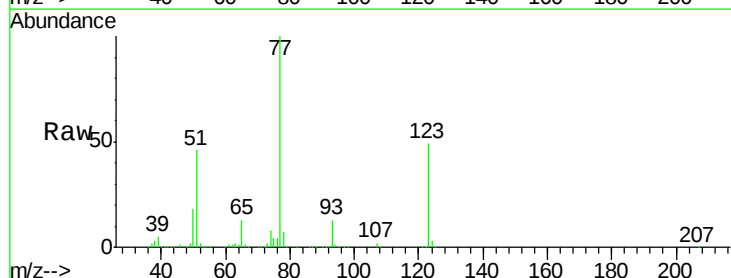
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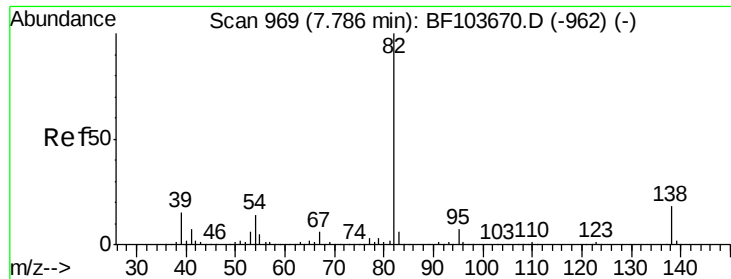
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#24
Nitrobenzene
Concen: 41.314 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	496670		
123	49.1	37.9	56.9	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 39.559 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

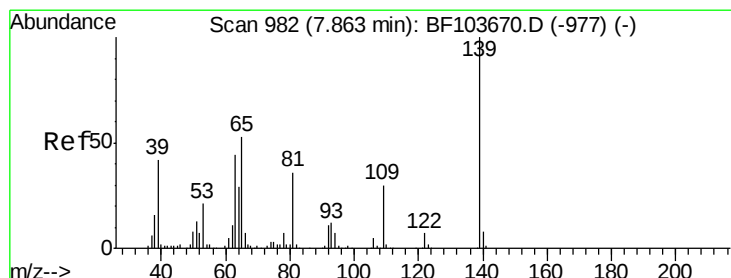
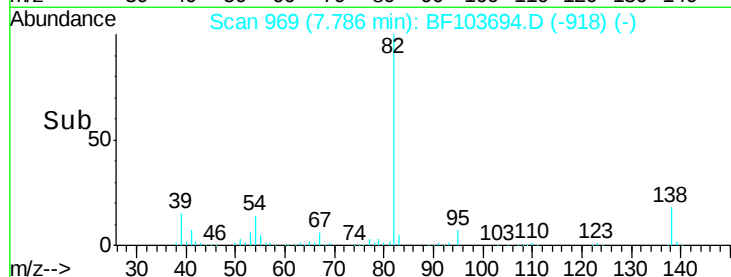
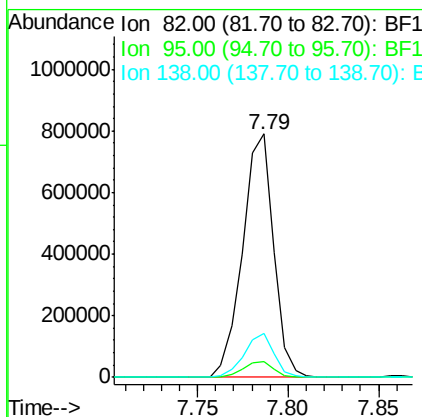
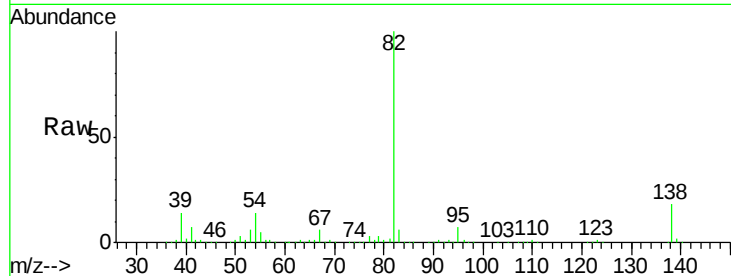
ClientSampleId :

PB107310BS

Tot Ion:	82	Resp:	937745
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	17.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 49.549 ng

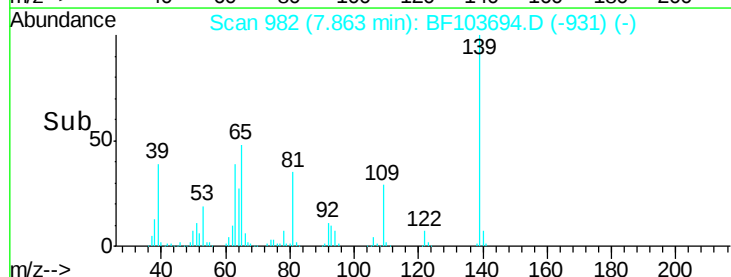
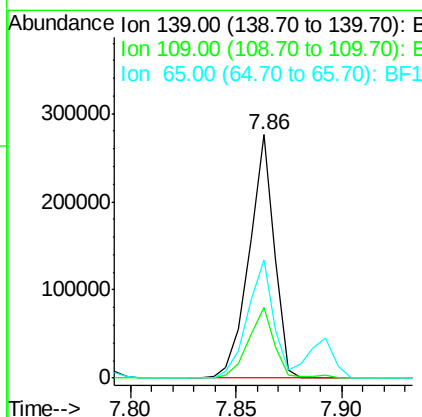
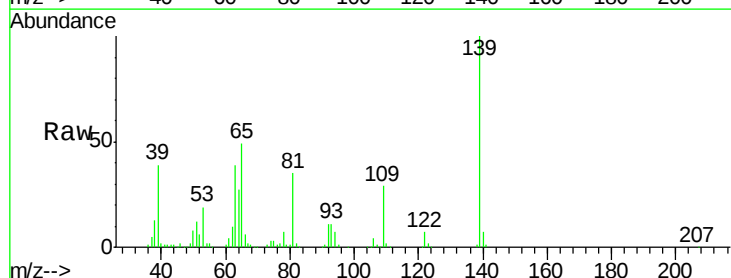
RT: 7.86 min Scan# 982

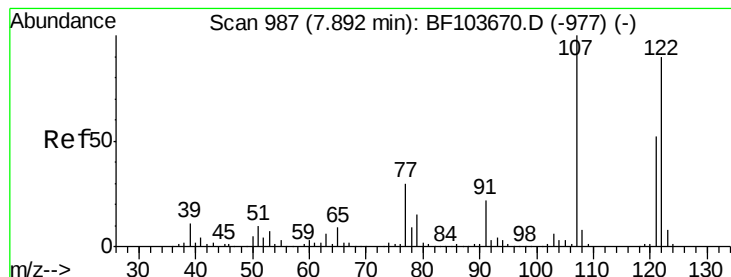
Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	139	Resp:	228370
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	48.6	40.5	60.7





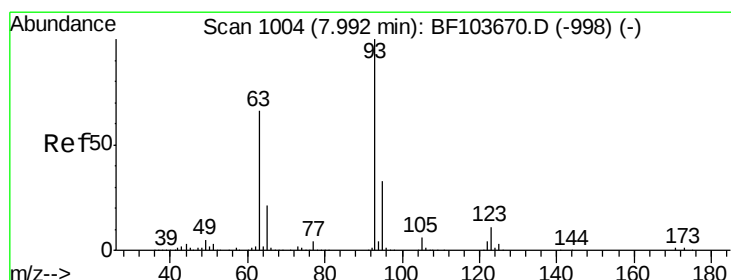
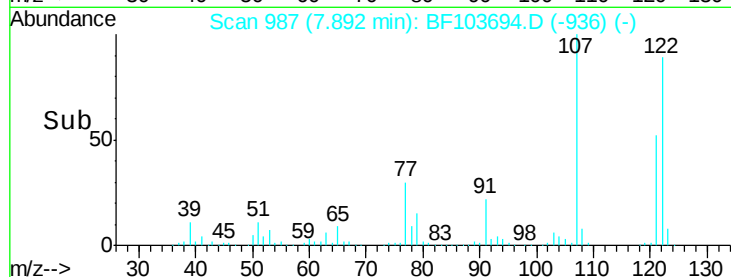
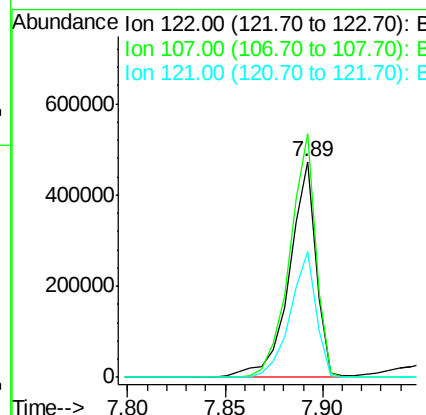
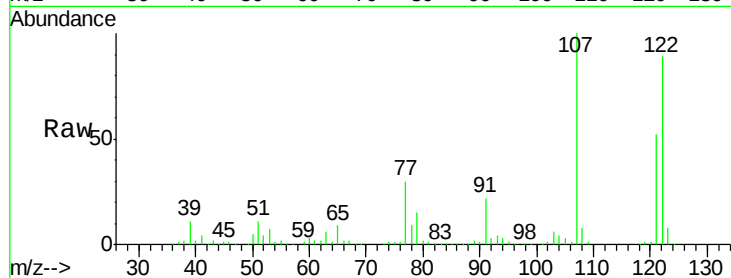
#27
2,4-Dimethylphenol
Concen: 44.254 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	91.2	136.8
121	58.3	47.2	70.8

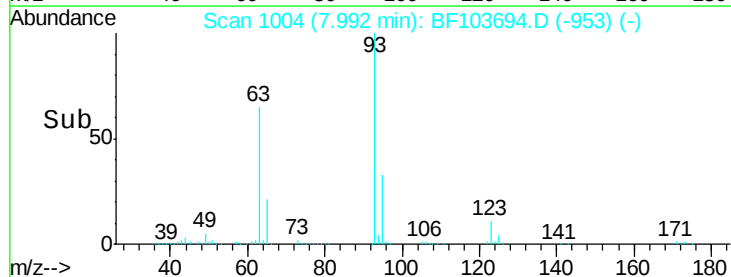
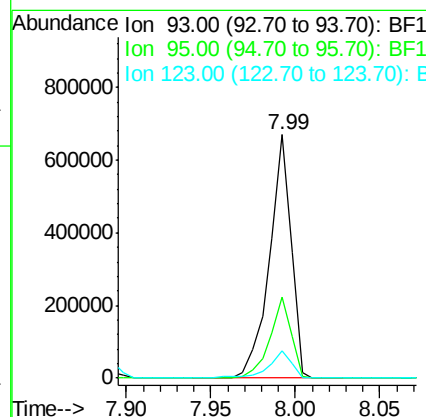
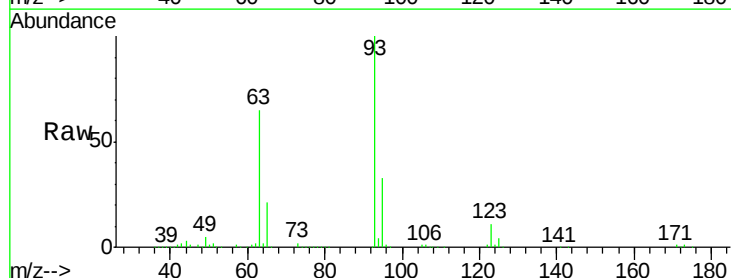
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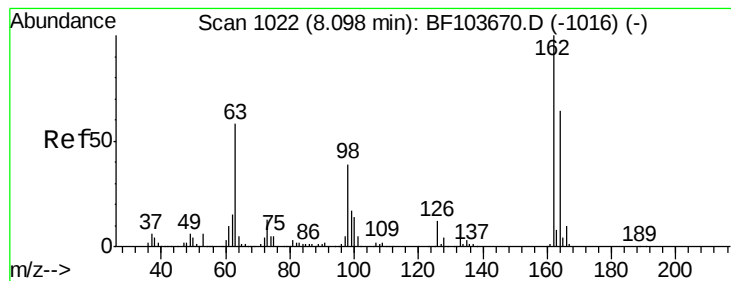
Sohil
3/19/2018 2:00:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.399 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 41.659 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

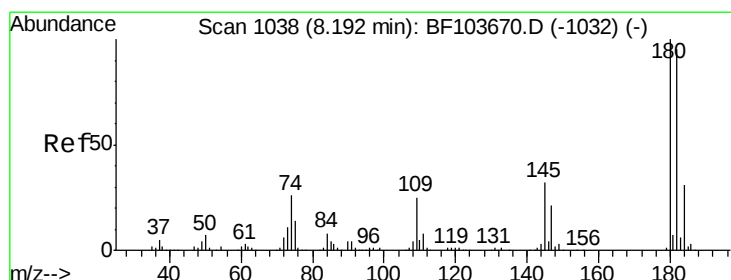
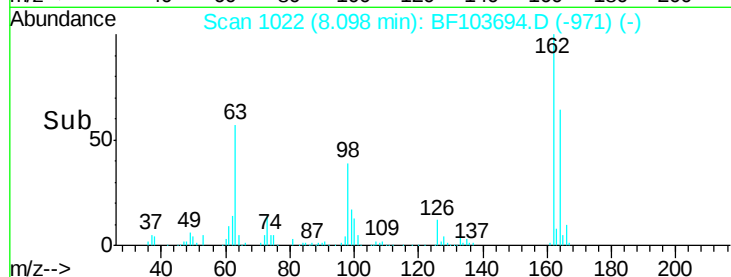
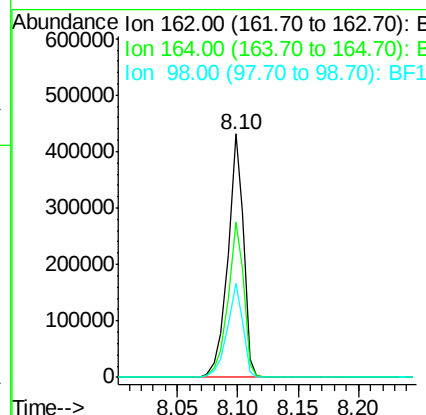
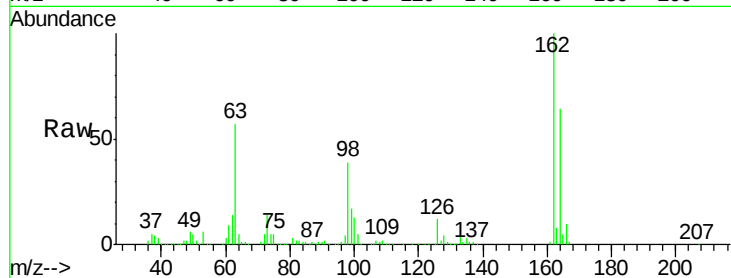
ClientSampleId :

PB107310BS

Tot Ion:	162	Resp:	384898
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.7	82.7
98	38.7	18.1	58.1

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3/19/2018 2:00:45 PM



#30

1,2,4-Trichlorobenzene

Concen: 36.240 ng

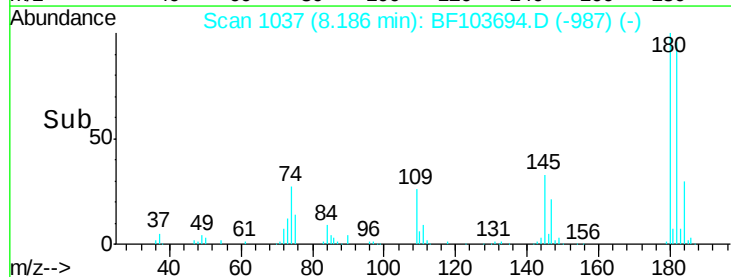
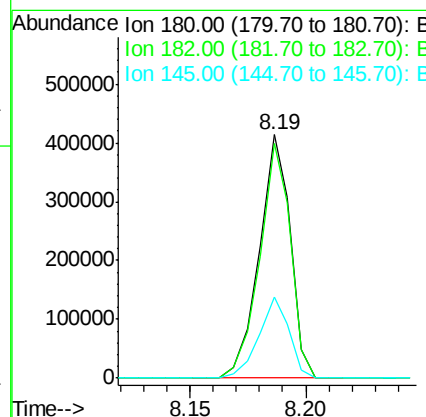
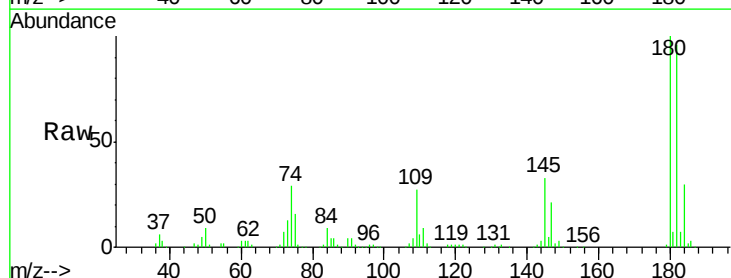
RT: 8.19 min Scan# 1037

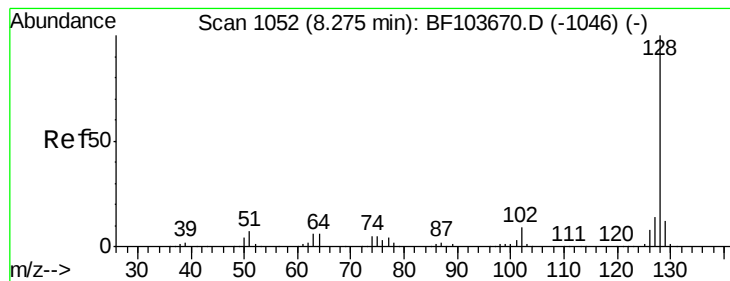
Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	180	Resp:	388346
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.8	115.2
145	33.3	26.5	39.7





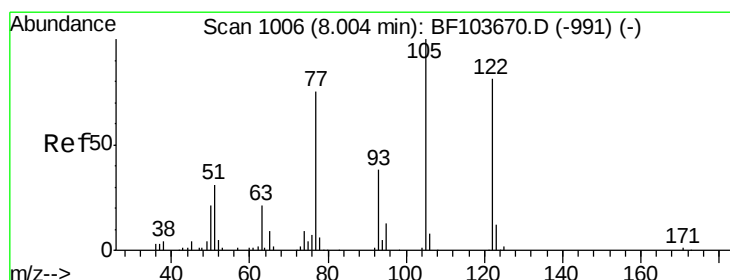
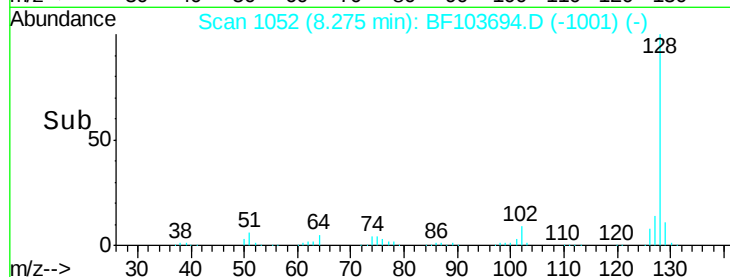
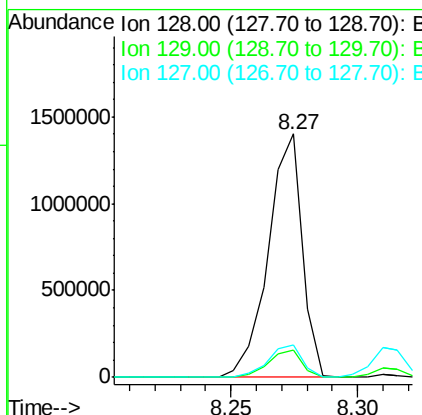
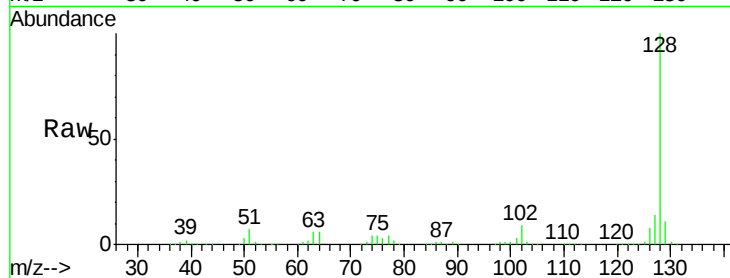
#31
Naphthalene
Concen: 36.587 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion:128 Resp: 1319776
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3

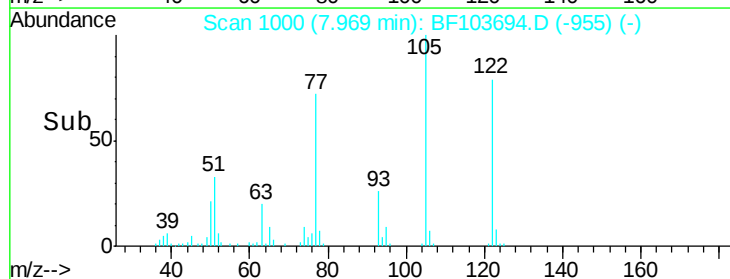
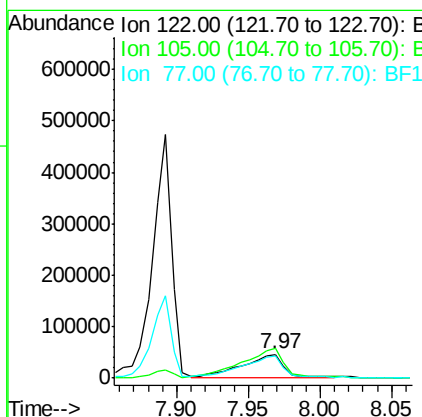
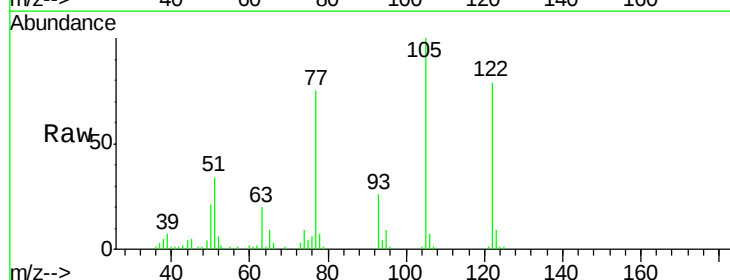
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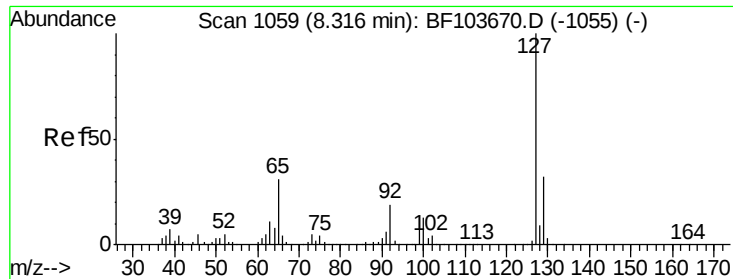
Sohil
3/19/2018 2:00:45 PM



#32
Benzoic acid
Concen: 20.912 ng m
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:122 Resp: 99377
Ion Ratio Lower Upper
122 100
105 126.8 101.1 141.1
77 94.8 70.7 110.7





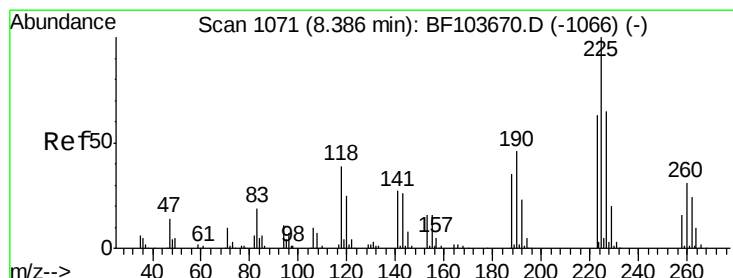
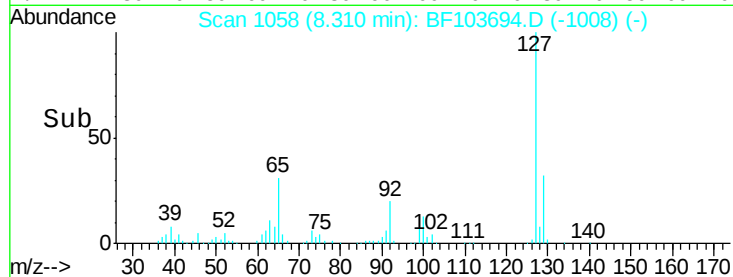
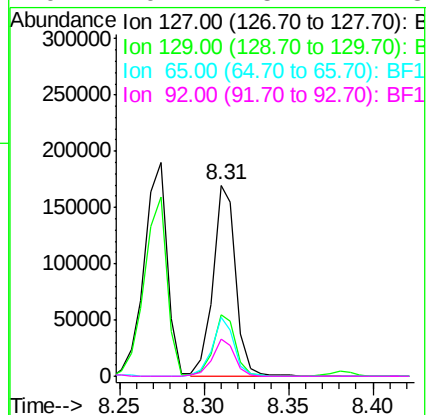
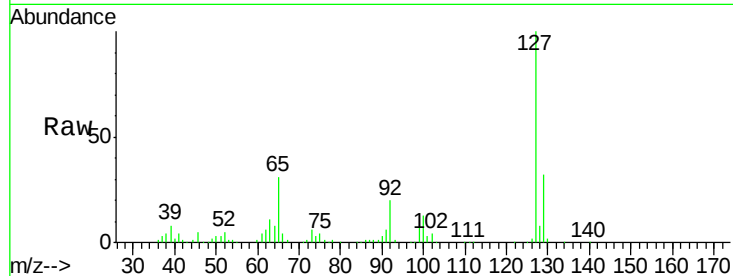
#33
 4-Chloroaniline
 Concen: 10.623 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	31.1	25.0	37.4	
92	19.7	15.2	22.8	

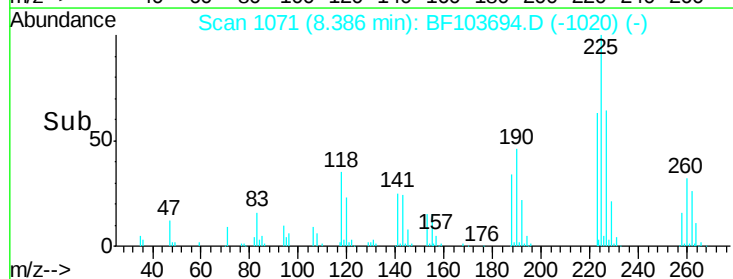
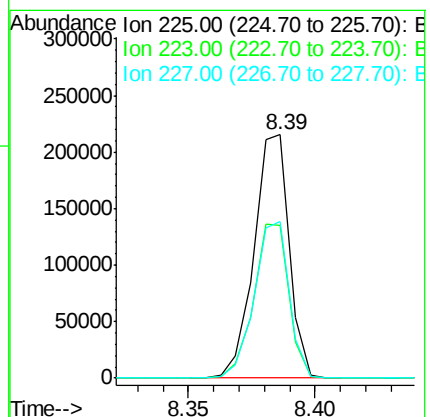
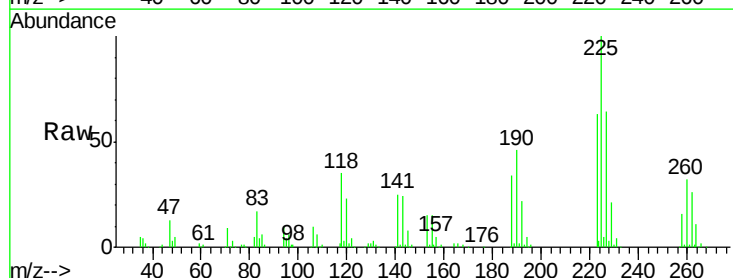
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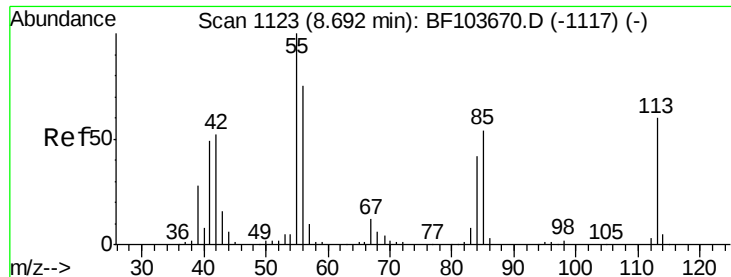
Sohil
 3/19/2018 2:00:45 PM



#34
 Hexachlorobutadiene
 Concen: 35.359 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	50.6	76.0	
227	64.4	51.9	77.9	





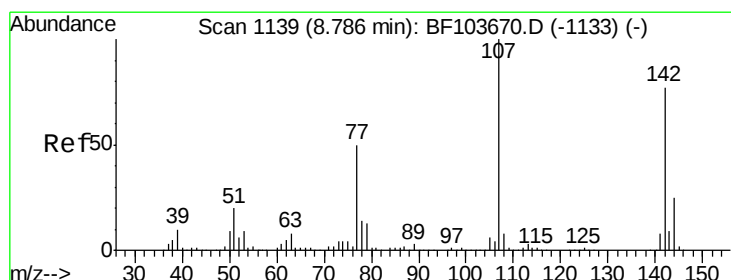
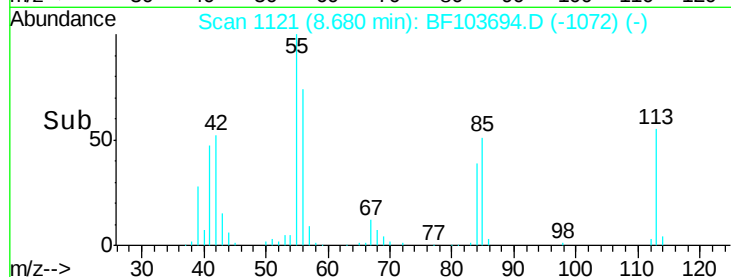
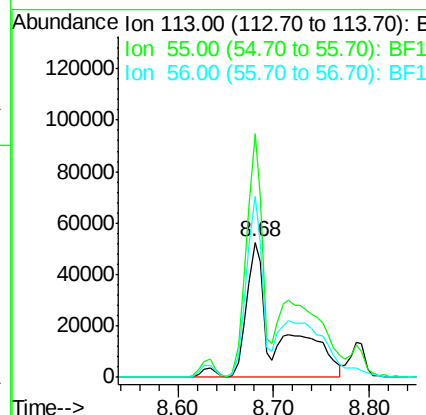
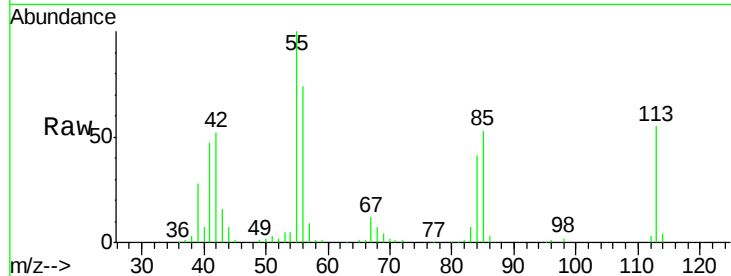
#35
Caprolactam
Concen: 38.007 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleID :
PB107310BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.5	163.3	203.3
56	134.4	115.7	155.7

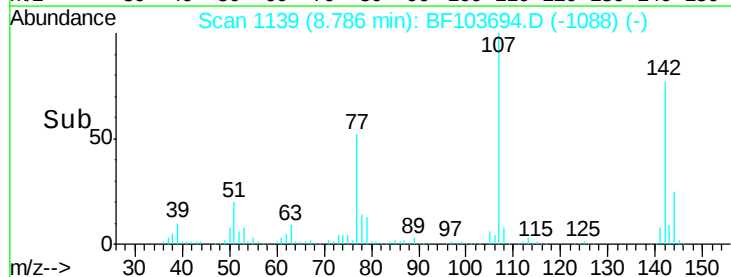
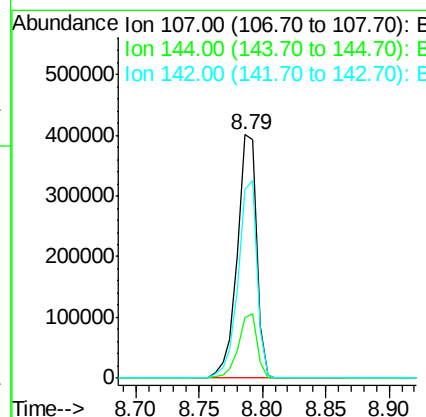
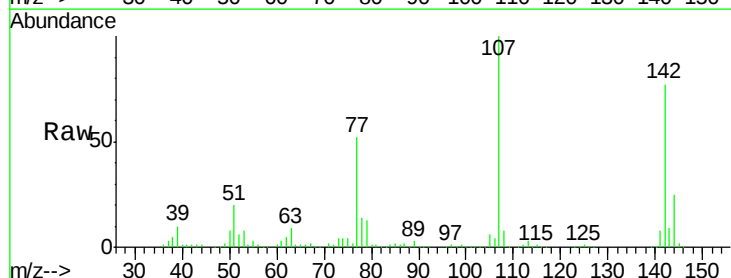
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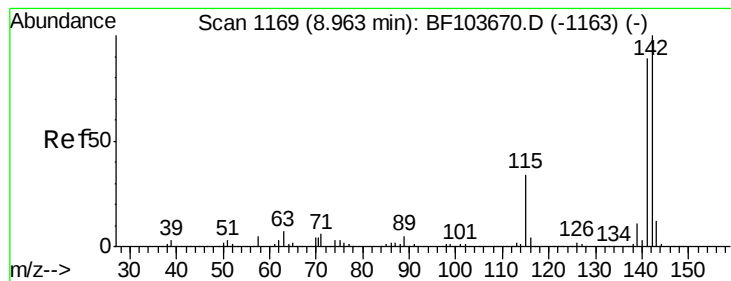
Sohil
3/19/2018 2:00:45 PM



#36
4-Chloro-3-methylphenol
Concen: 41.247 ng/ml
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	77.5	62.0	93.0





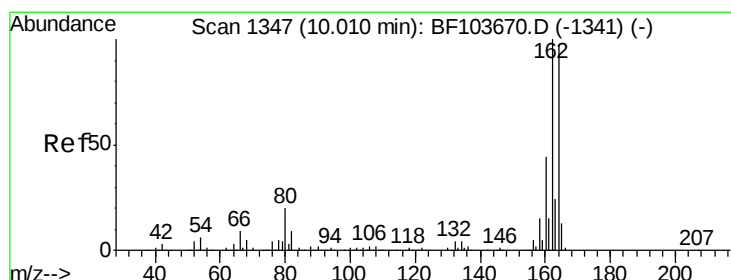
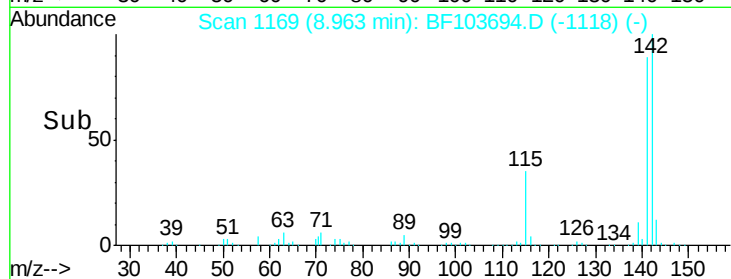
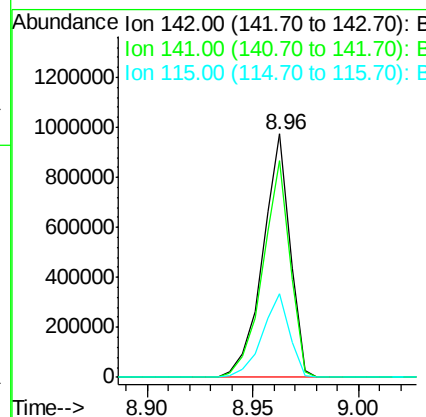
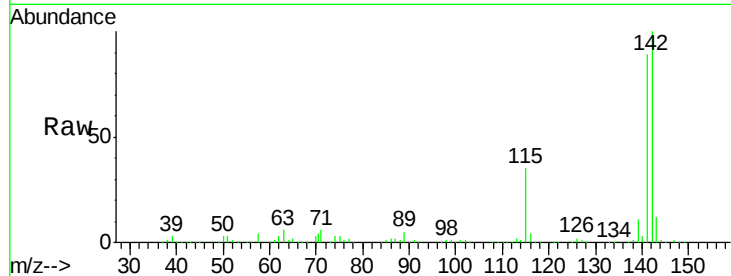
#37
2-Methylnaphthalene
Concen: 38.251 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	34.6	26.1	39.1

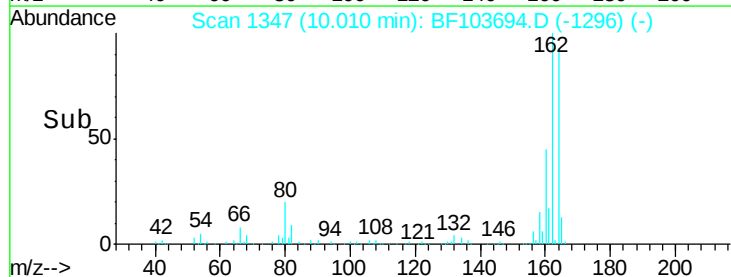
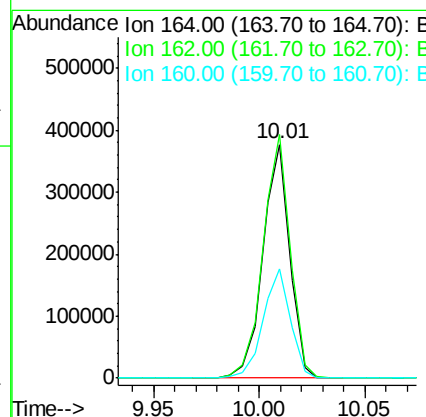
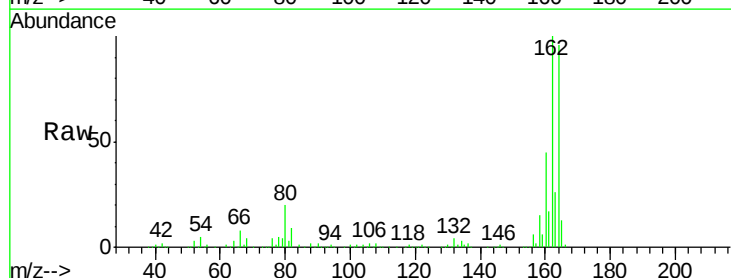
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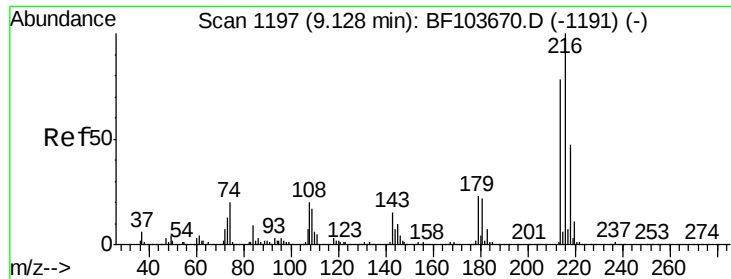
Sohil
3/19/2018 2:00:45 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.8	38.3	57.5





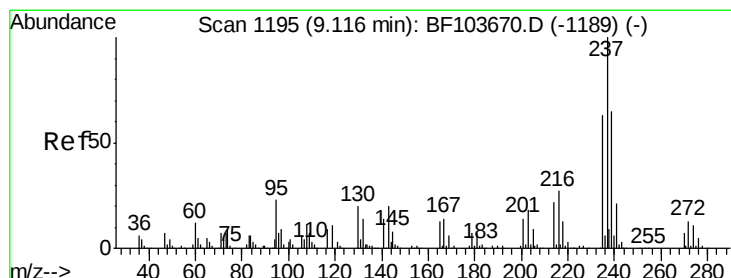
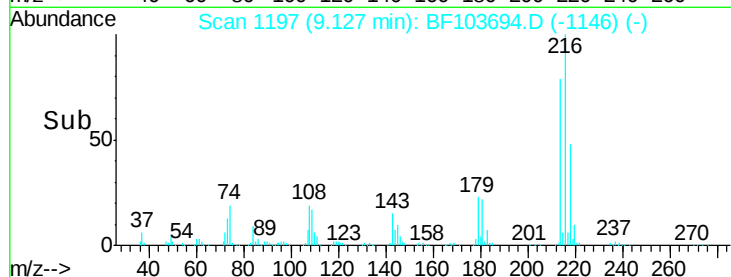
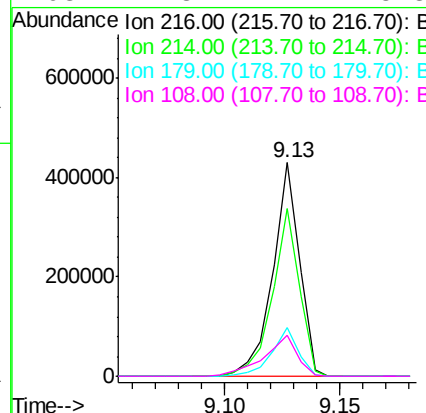
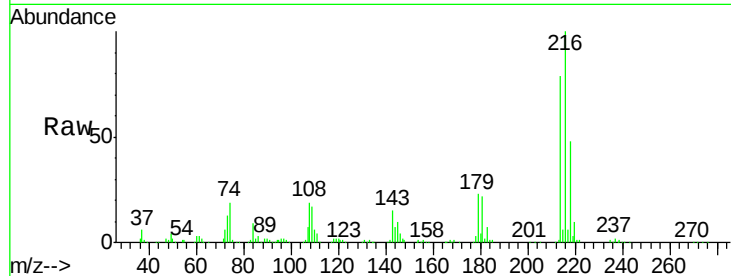
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.493 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	347962		
214	78.8	63.0	94.4	
179	22.2	18.1	27.1	
108	24.3	17.2	25.8	

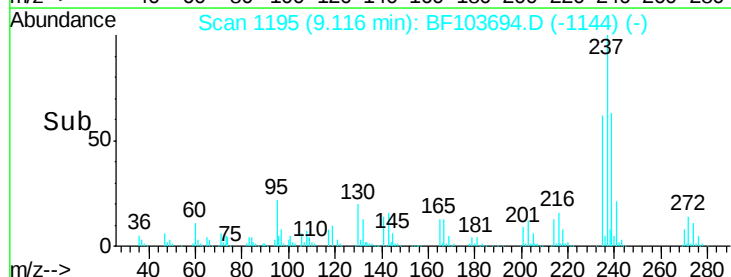
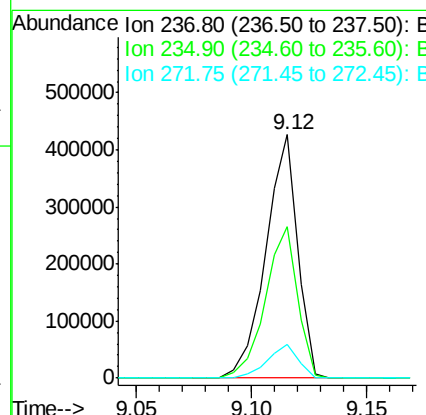
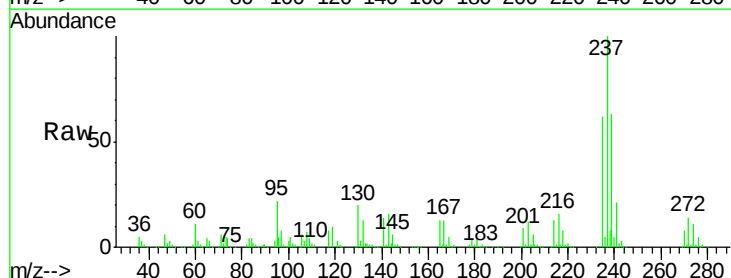
Manual Integrations
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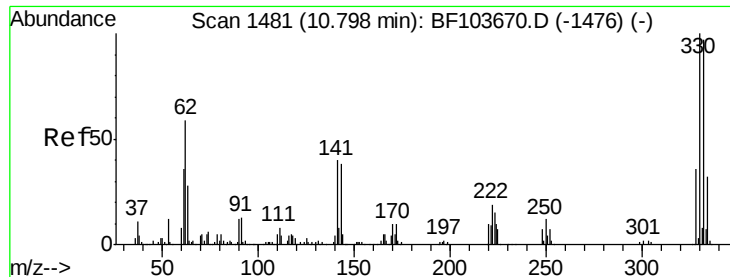
Sohil
 3/19/2018 2:00:45 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.014 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	408444		
235	62.1	44.8	84.8	
272	13.9	0.0	33.3	





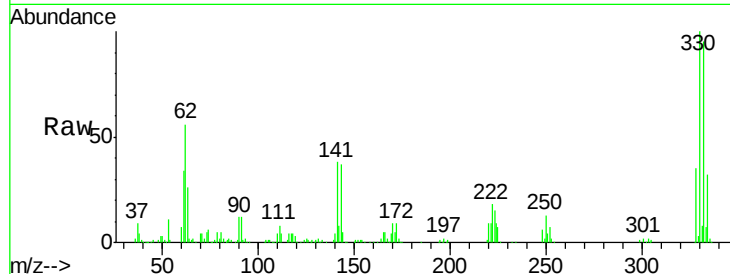
#41
 2,4,6-Tribromophenol
 Concen: 94.163 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	270598		
332	96.8	77.0	115.6	
141	37.3	29.9	44.9	

Manual Integrations
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Sohil
 3/19/2018 2:00:45 PM

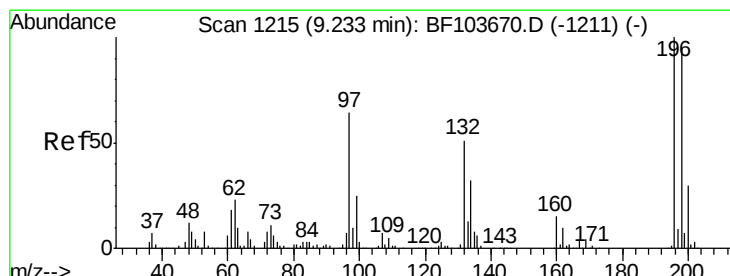
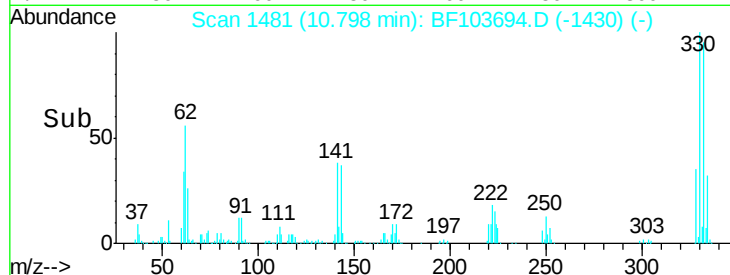
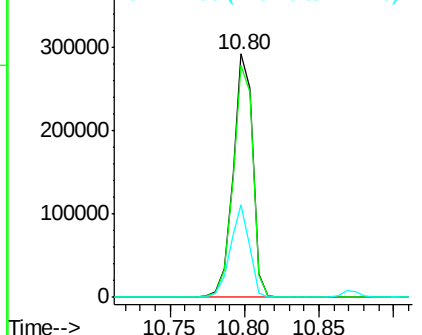


Abundance

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: 42.977 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

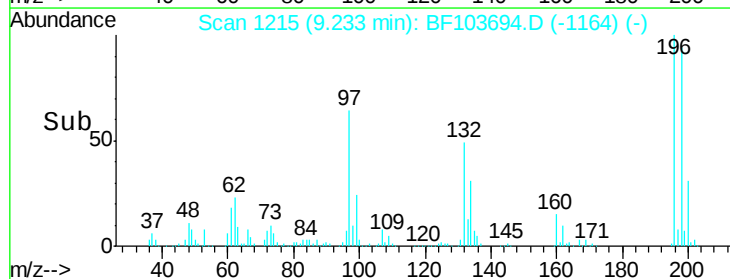
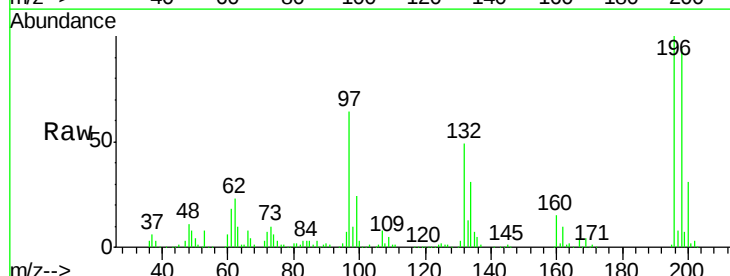
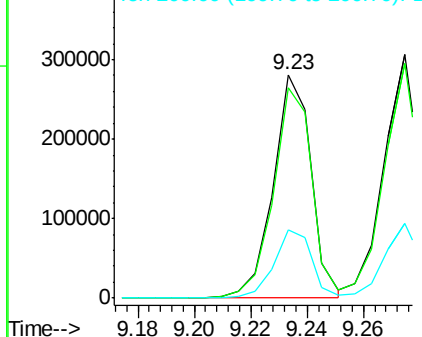
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262115		
198	94.2	75.7	113.5	
200	30.5	24.5	36.7	

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





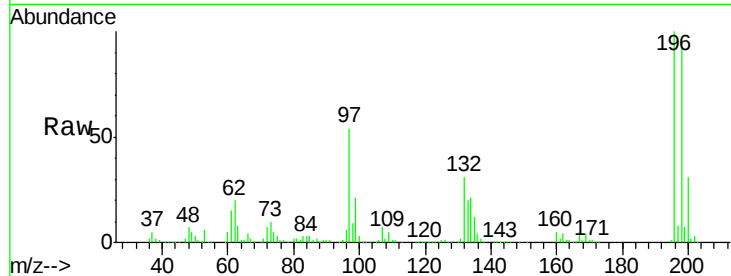
#43
 2,4,5-Trichlorophenol
 Concen: 40.068 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

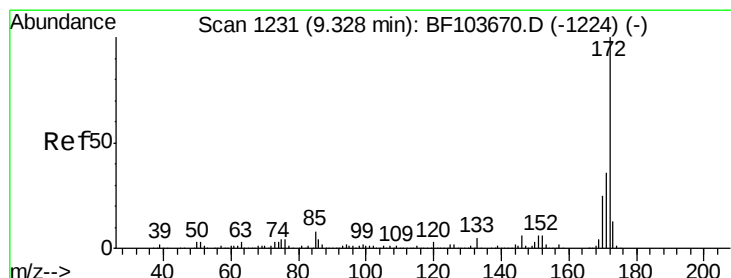
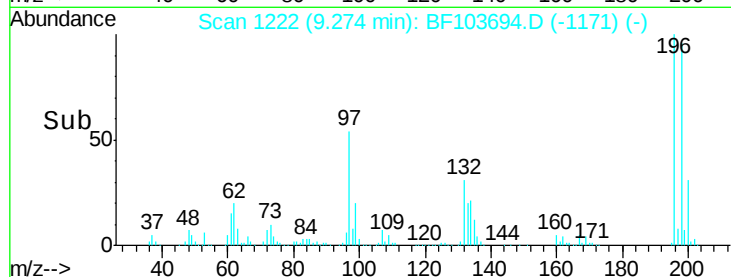
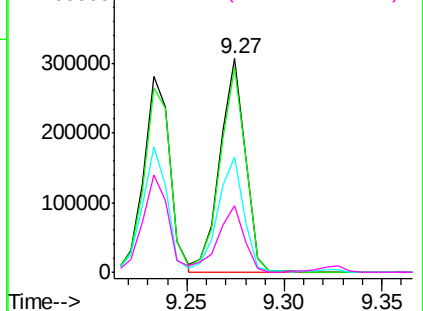
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		275821		
198	96.2		74.6	112.0	
97	53.9		42.9	64.3	
132	31.2		26.3	39.5	

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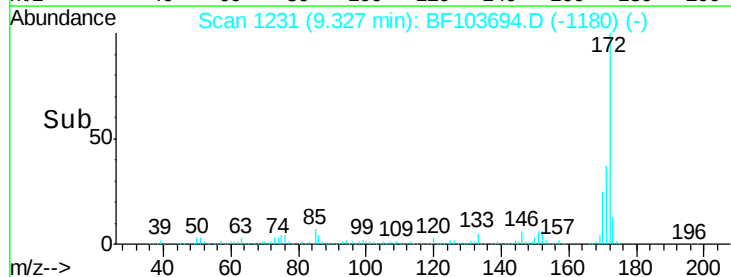
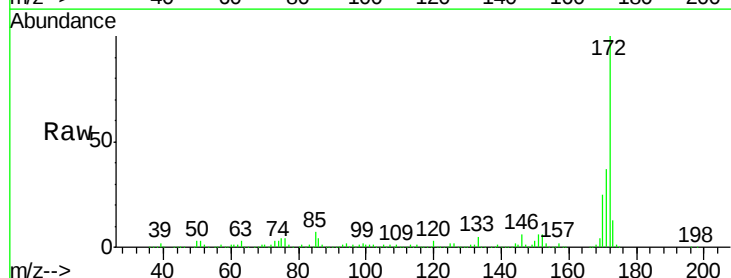
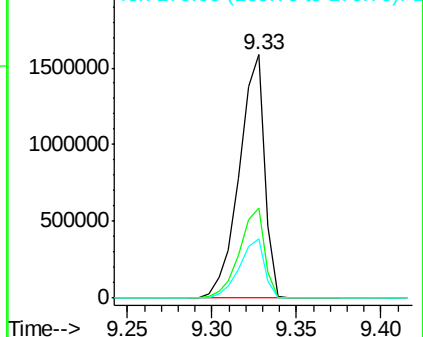
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

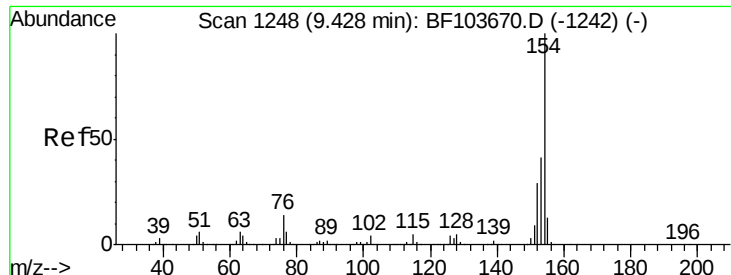


#44
 2-Fluorobiphenyl
 Concen: 79.199 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1659435		
171	36.9		29.7	44.5	
170	24.5		19.6	29.4	

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





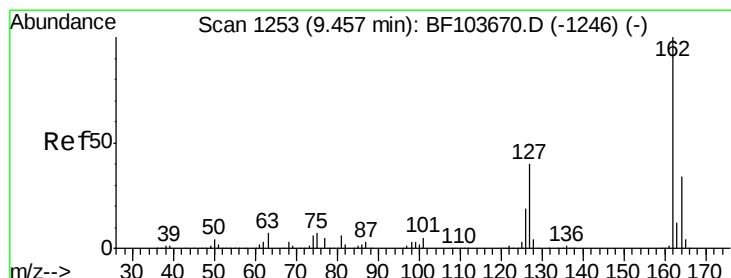
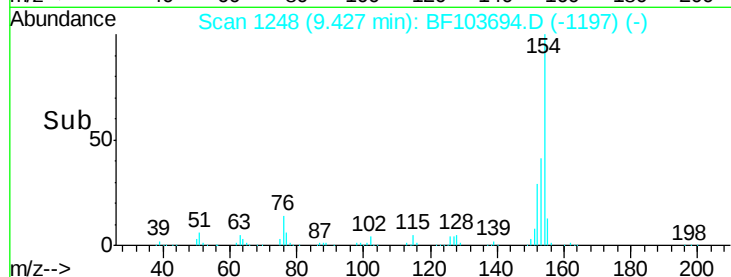
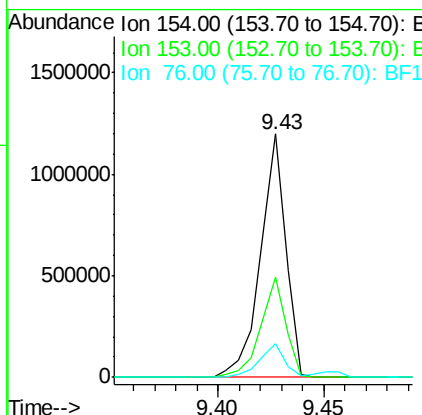
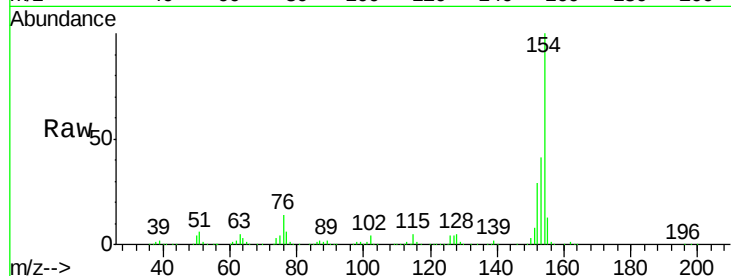
#45
 1,1'-Biphenyl
 Concen: 36.000 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	14.0	0.0	34.0

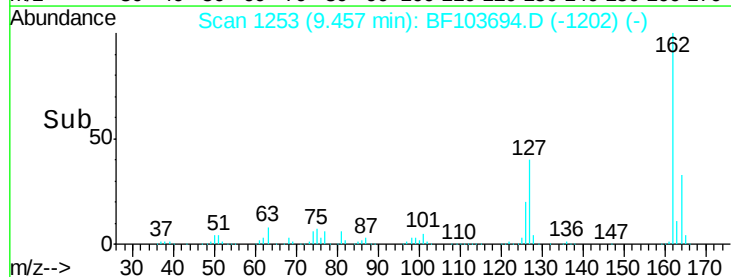
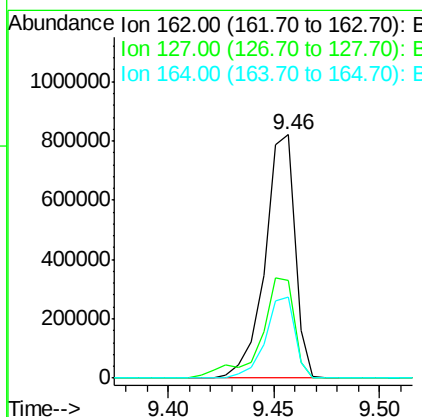
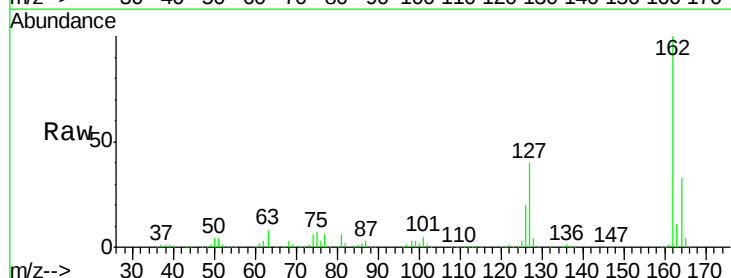
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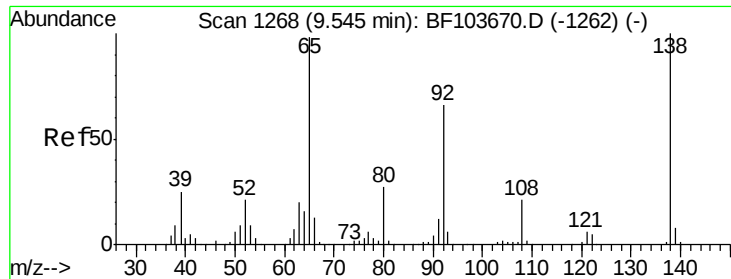
Sohil
 3/19/2018 2:00:45 PM



#46
 2-Chloronaphthalene
 Concen: 36.574 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.5	26.5	39.7





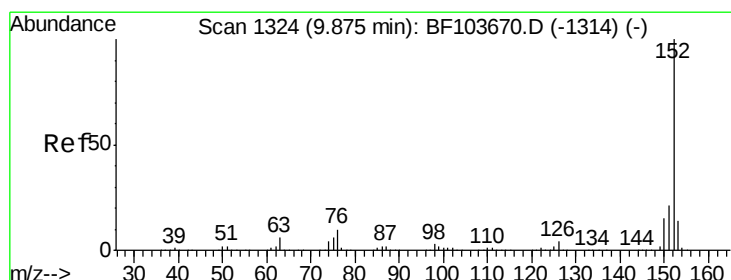
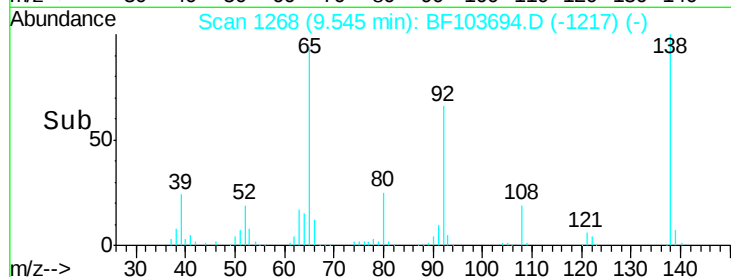
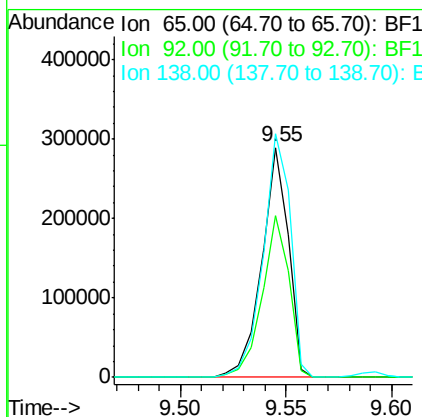
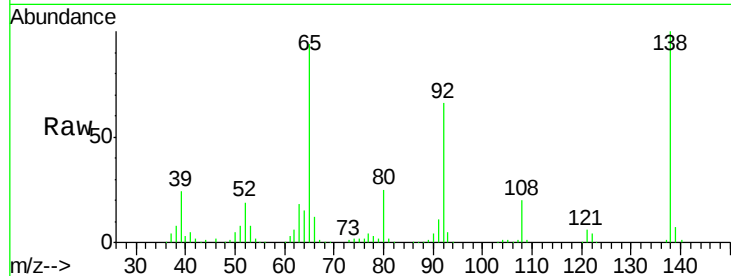
#47
2-Nitroaniline
Concen: 44.507 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.8	83.6
138	105.9	91.2	136.8

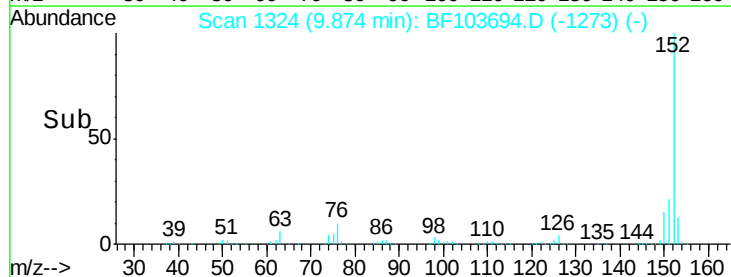
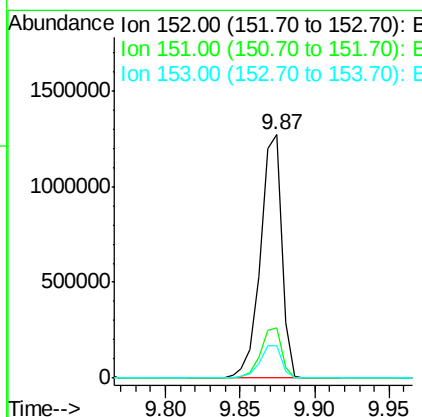
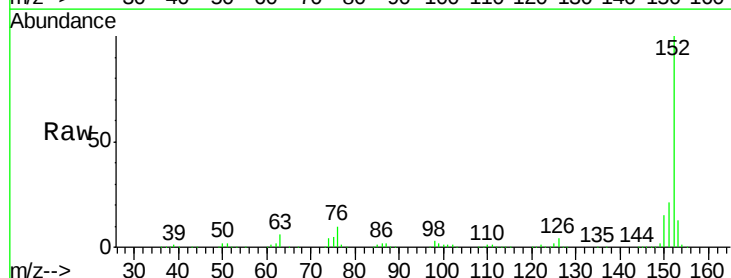
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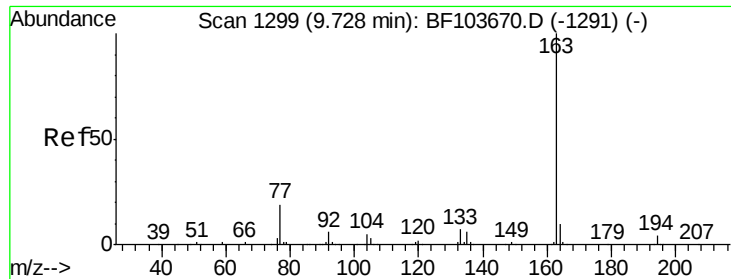
Sohil
3/19/2018 2:00:45 PM



#48
Acenaphthylene
Concen: 36.155 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.3	10.7	16.1





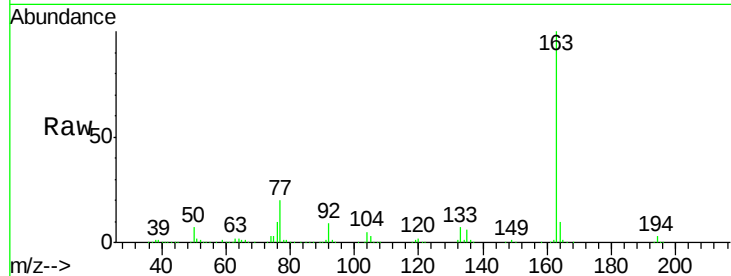
#49
Dimethylphthalate
Concen: 37.158 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

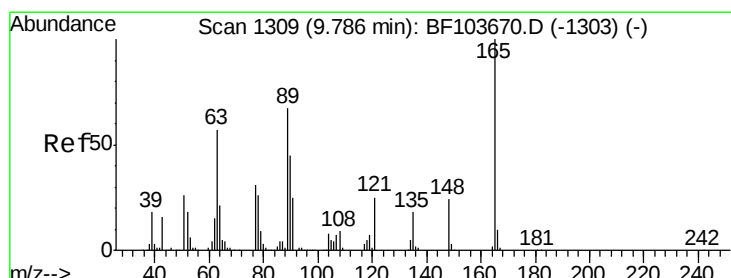
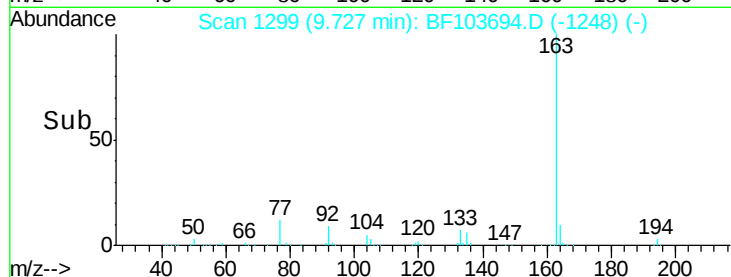
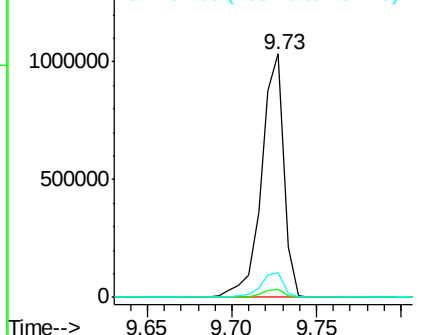
Tot Ion	Ratio	Resp	Lower	Upper
163	100	947515		
194	3.5		2.7	4.1
164	10.2		8.2	12.2

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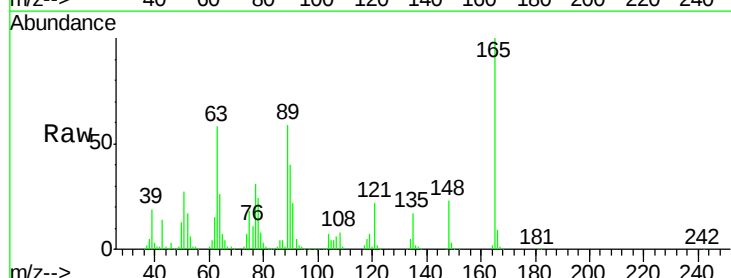


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

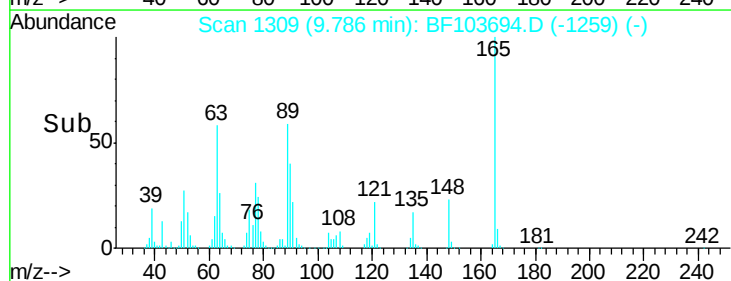
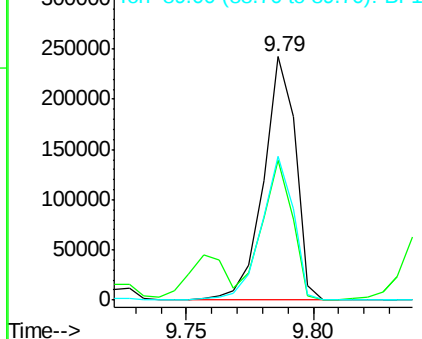


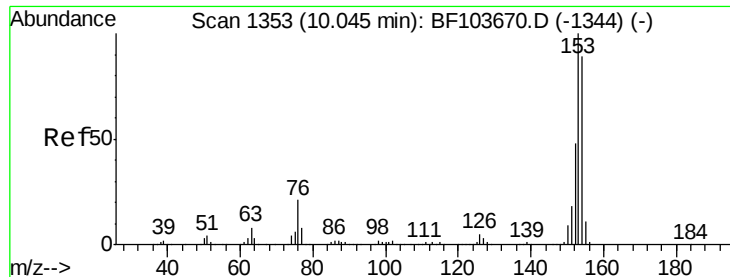
#50
2,6-Dinitrotoluene
Concen: 43.890 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214669		
63	57.6		44.7	67.1
89	59.1		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





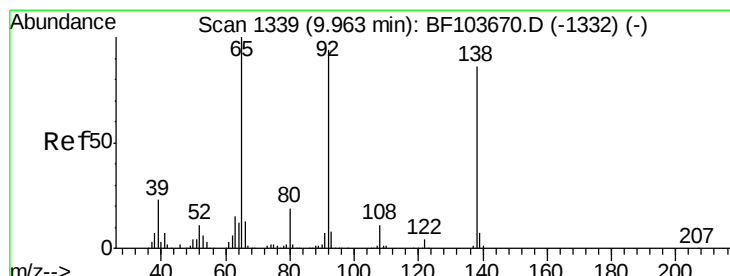
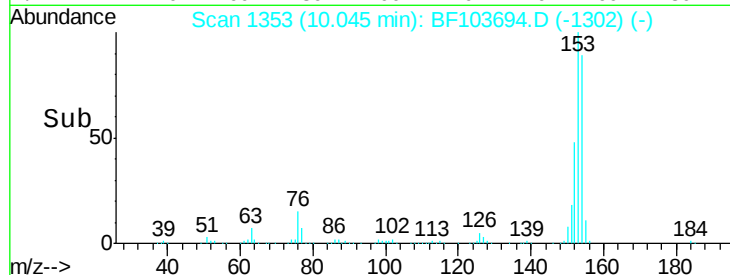
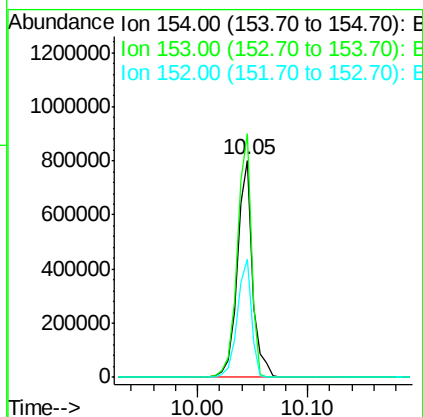
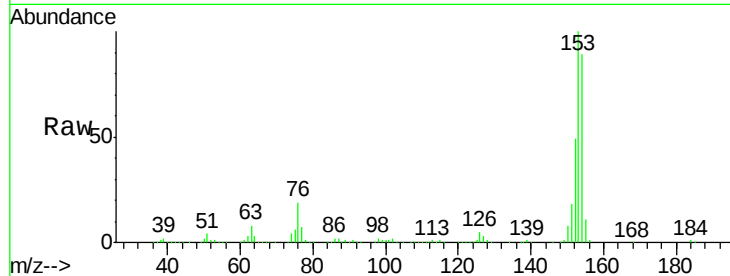
#51
Acenaphthene
Concen: 37.986 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	54.5	43.8	65.8

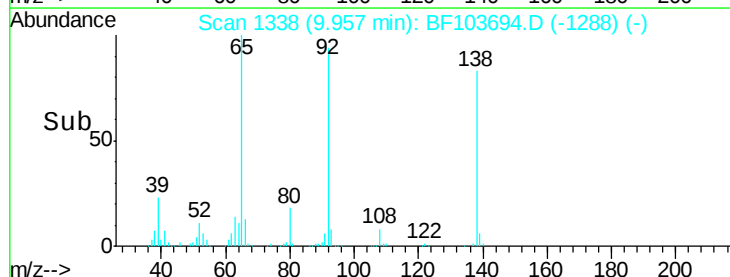
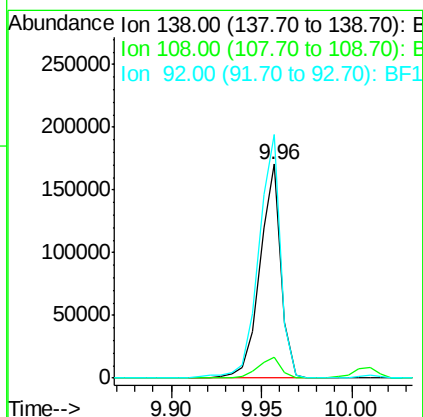
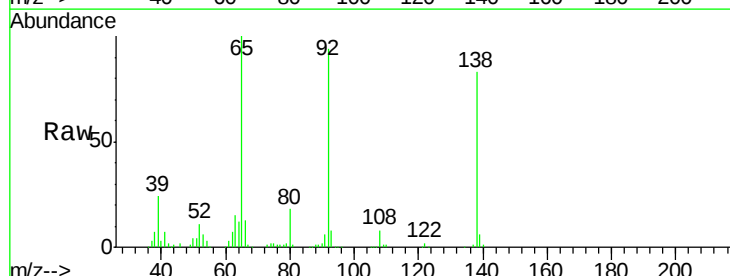
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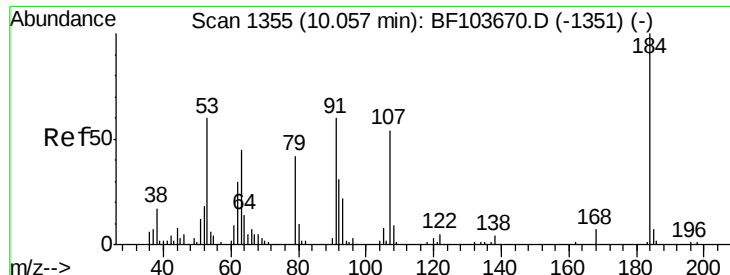
Sohil
3/19/2018 2:00:45 PM



#52
3-Nitroaniline
Concen: 25.195 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	113.8	89.4	134.2





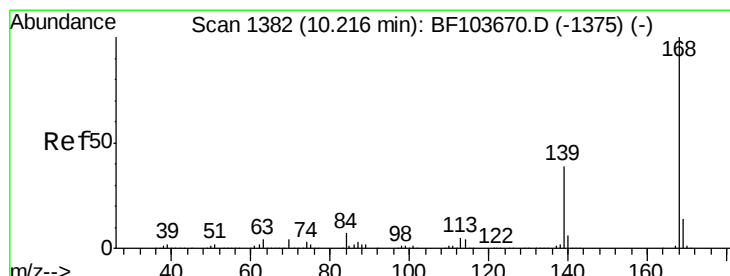
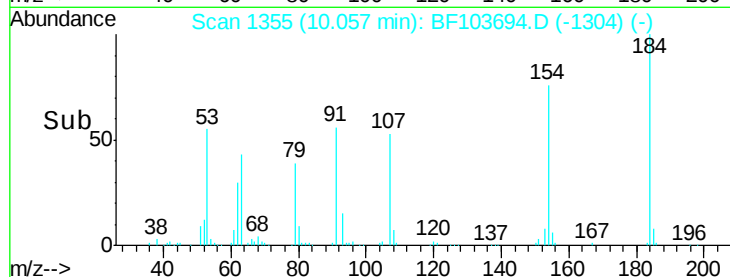
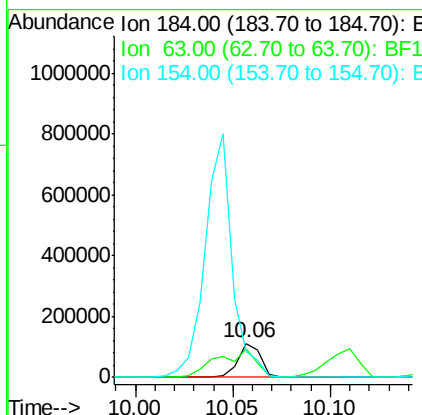
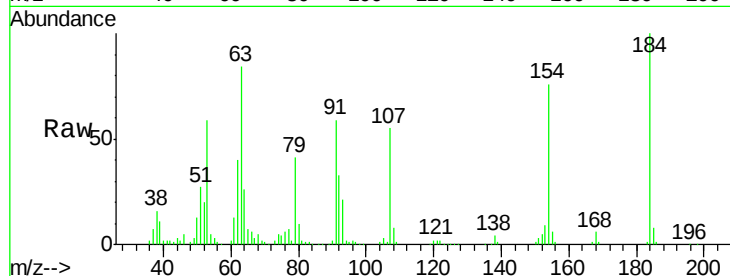
#53
2,4-Dinitrophenol
Concen: 67.394 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.6	54.2	81.2#
154	76.4	184.0	276.0#

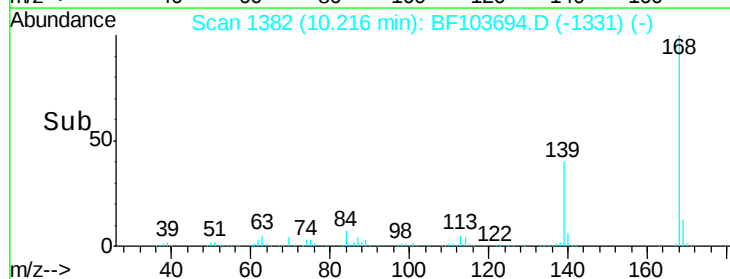
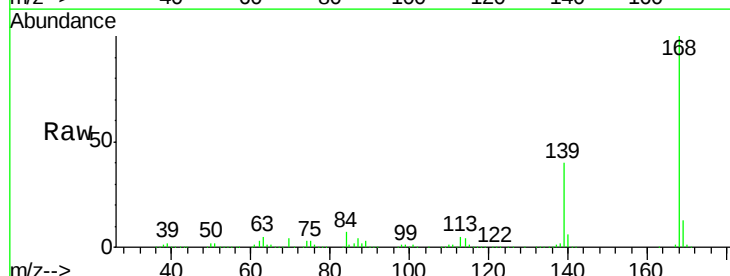
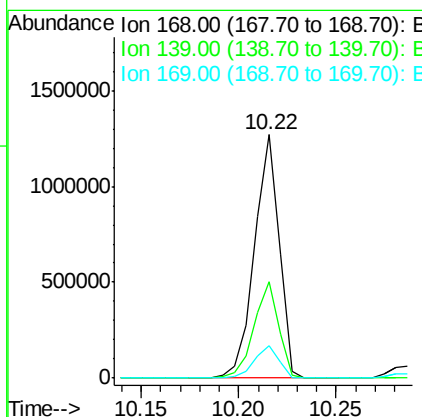
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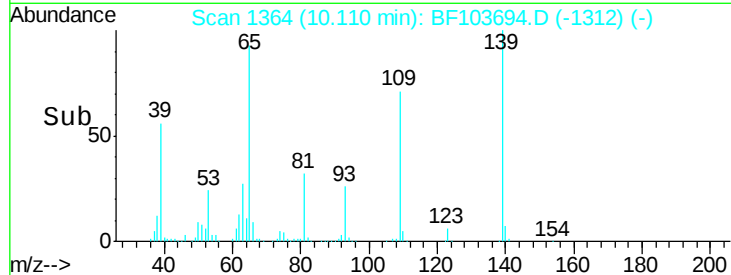
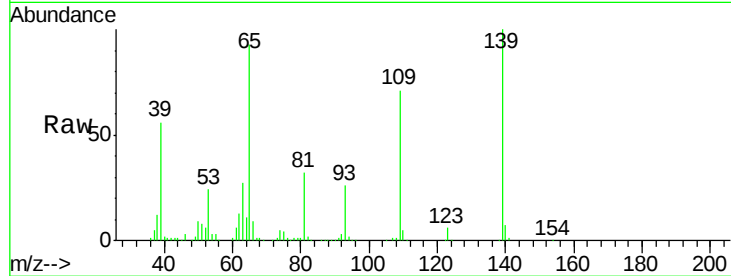
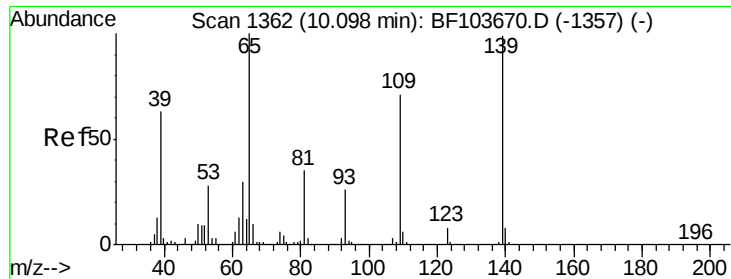
Sohil
3/19/2018 2:00:45 PM



#54
Dibenzofuran
Concen: 38.238 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	13.5	10.9	16.3





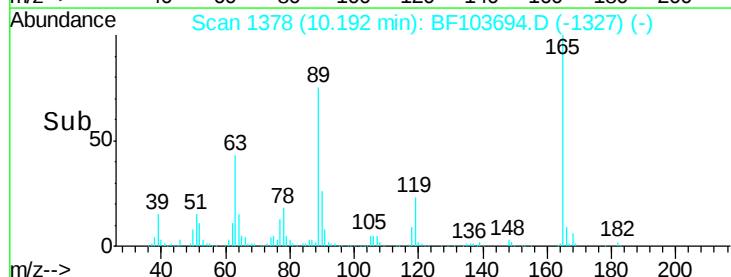
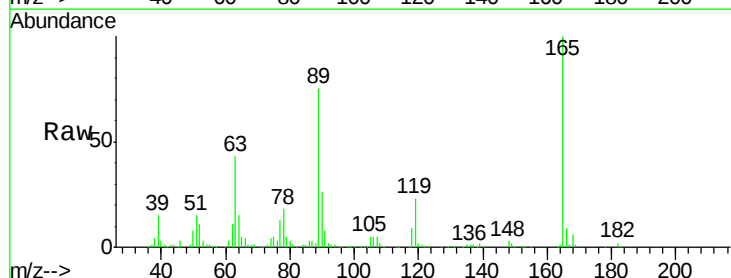
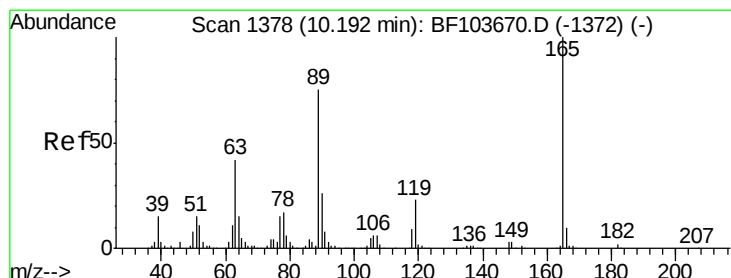
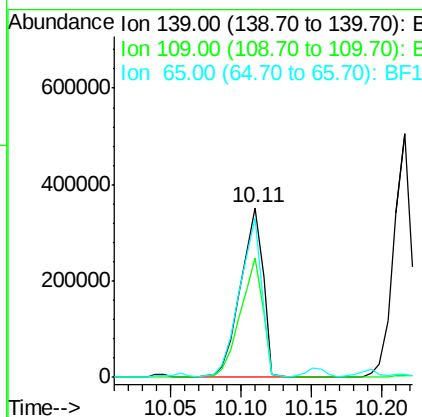
#55
4-Nitrophenol
Concen: 83.961 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	393203		
109	70.7	48.4	88.4	
65	93.4	72.6	112.6	

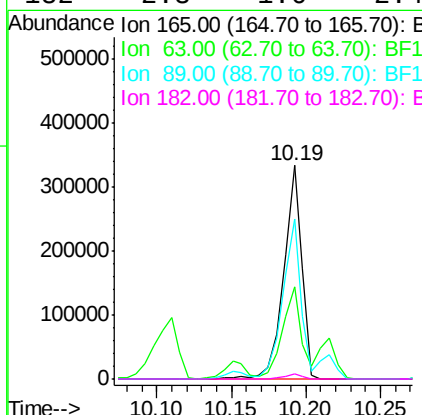
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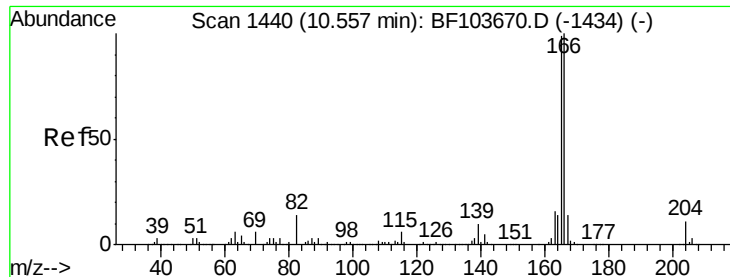
Sohil
3/19/2018 2:00:45 PM



#56
2,4-Dinitrotoluene
Concen: 46.088 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	286243		
63	43.2	36.4	54.6	
89	75.1	57.8	86.6	
182	2.3	1.6	2.4	





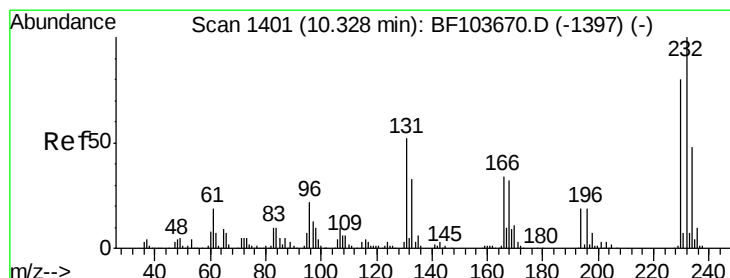
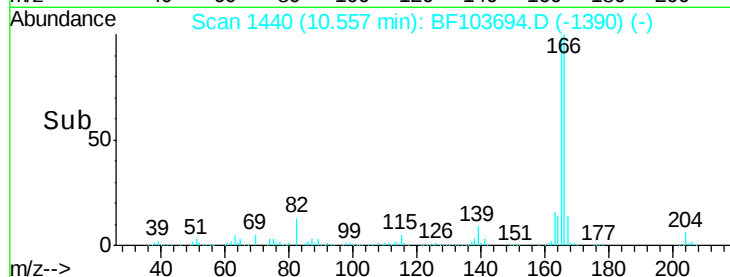
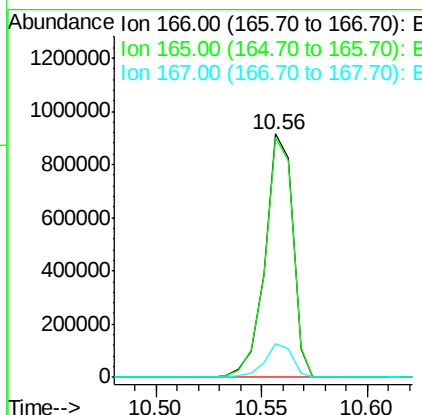
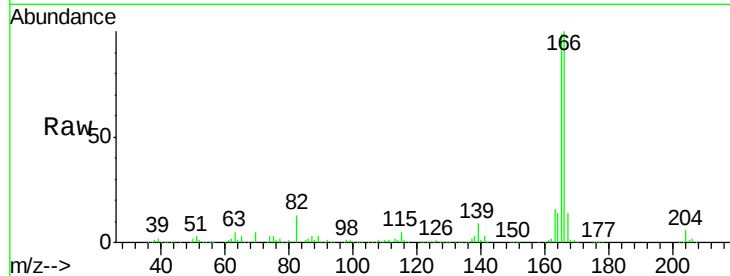
#57
Fluorene
 Concen: 37.089 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.6	10.6	16.0

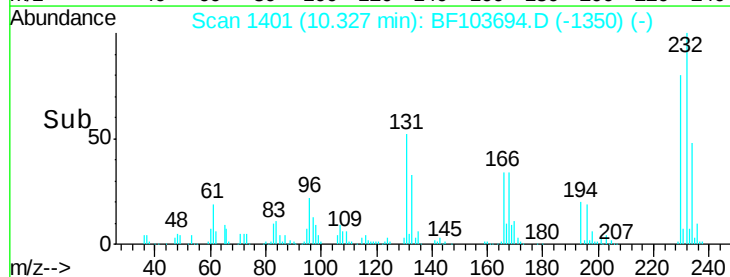
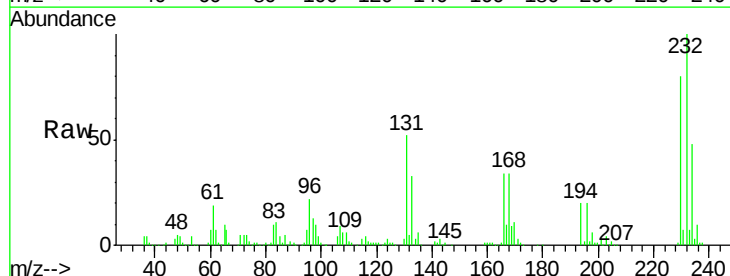
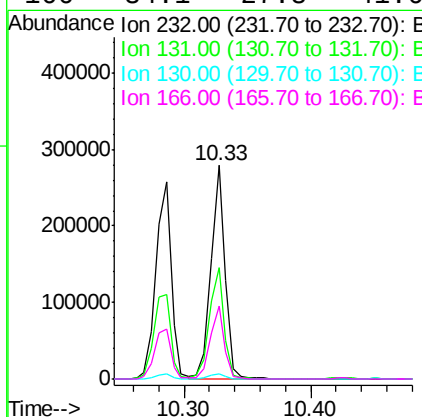
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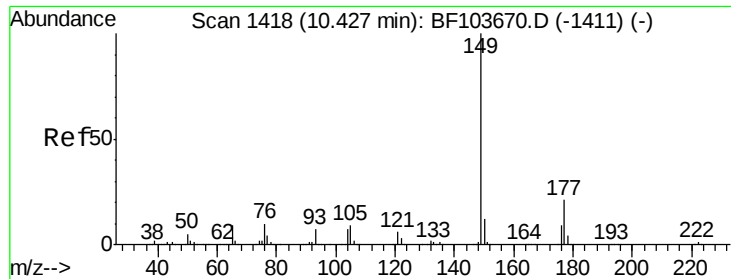
Sohil
 3/19/2018 2:00:45 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.556 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.7	43.8	65.8
130	2.7	2.1	3.1
166	34.1	27.8	41.6





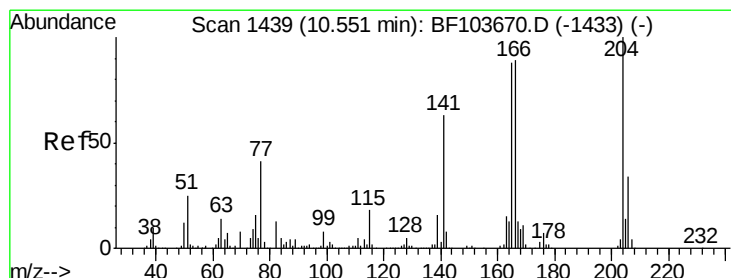
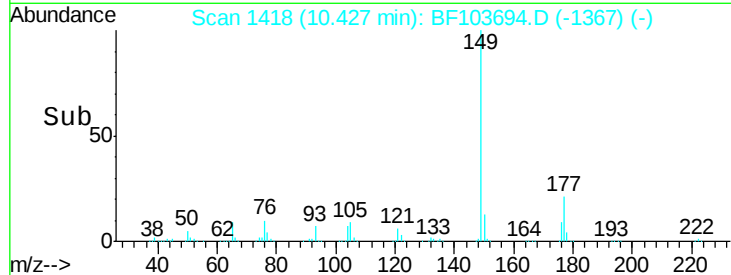
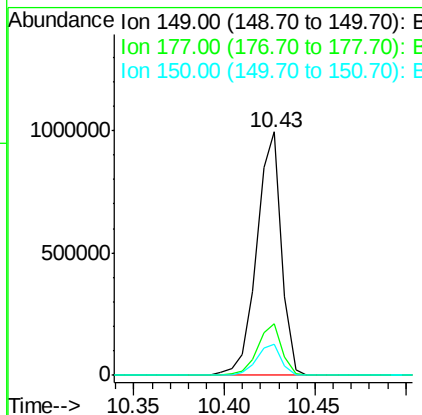
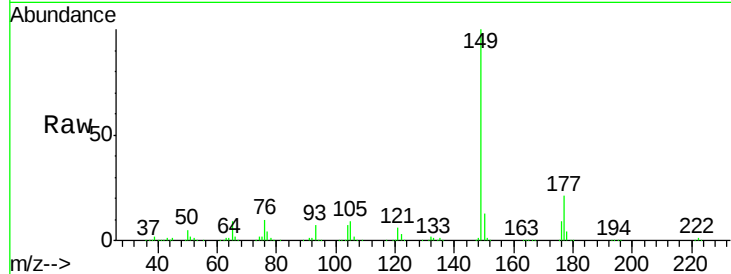
#59
Diethylphthalate
Concen: 36.989 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampled :
PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	936153		
177	21.3	16.1	24.1	
150	12.6	10.1	15.1	

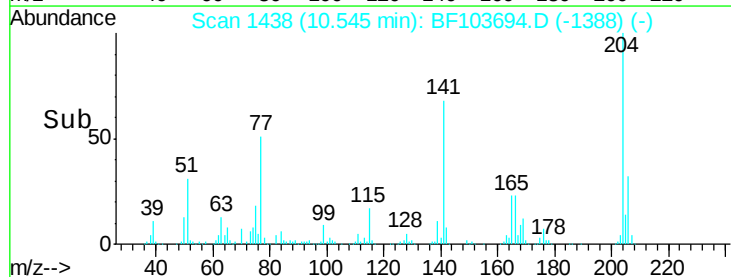
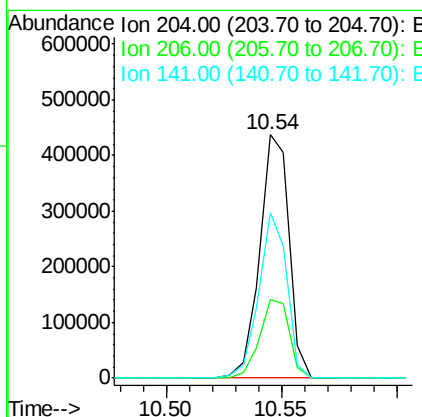
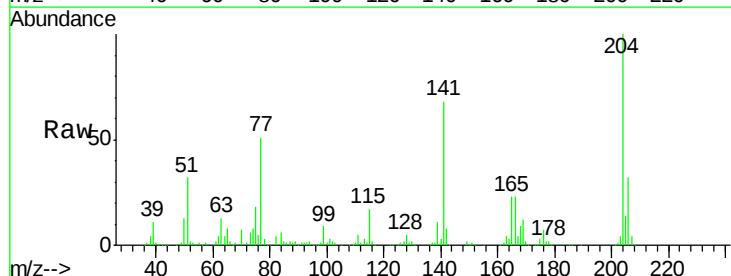
Manual Integrations
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3/19/2018 2:00:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.531 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	387435		
206	32.2	26.5	39.7	
141	68.1	54.6	81.8	





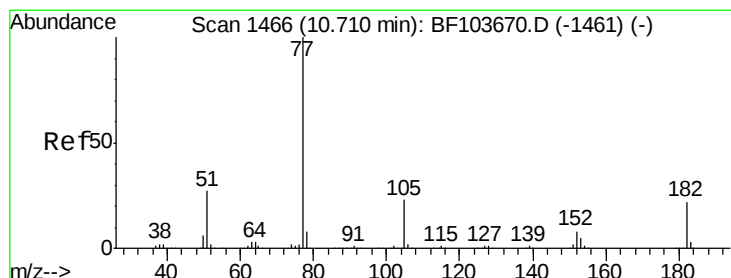
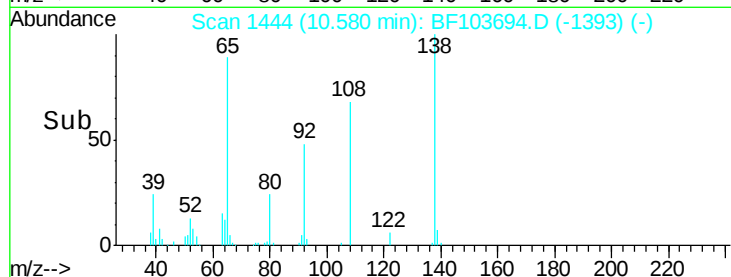
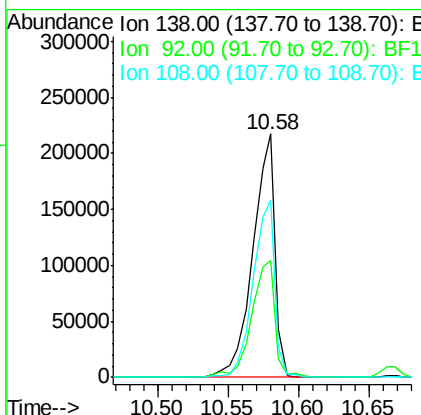
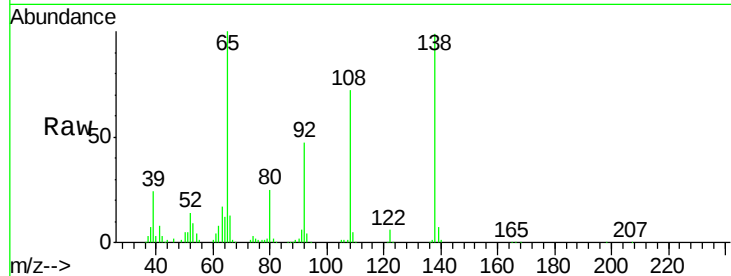
#61
4-Nitroaniline
Concen: 42.602 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	73.0	52.5	92.5

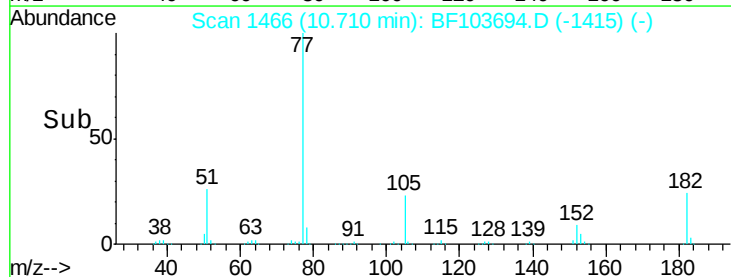
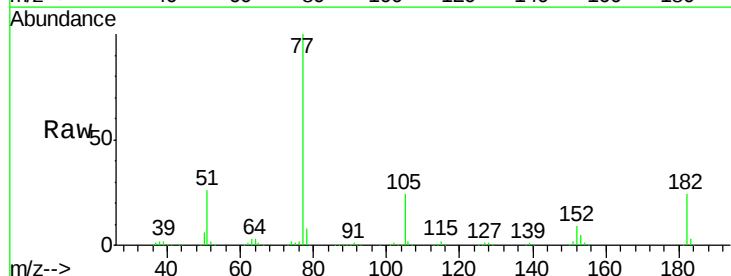
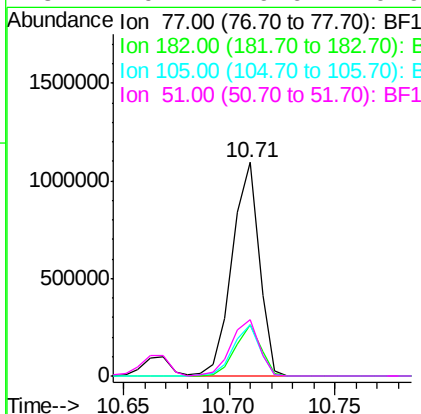
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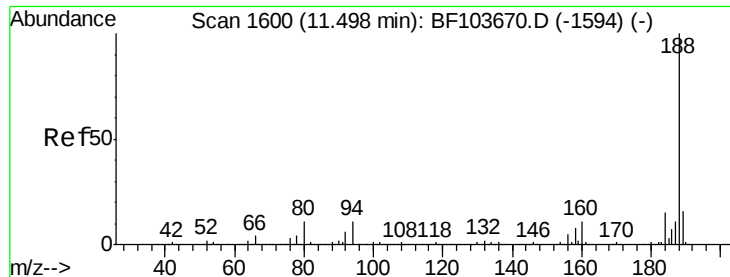
Sohil
3/19/2018 2:00:45 PM



#62
Azobenzene
Concen: 37.634 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.7	41.7
105	23.9	3.0	43.0
51	26.4	9.9	49.9





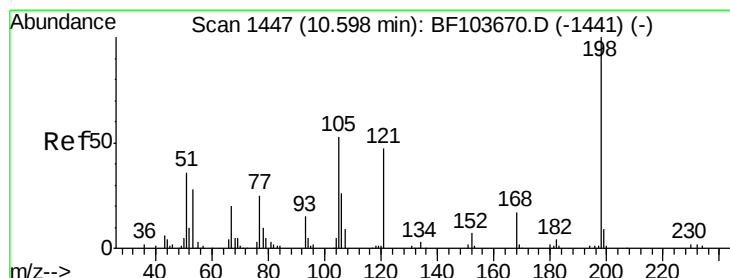
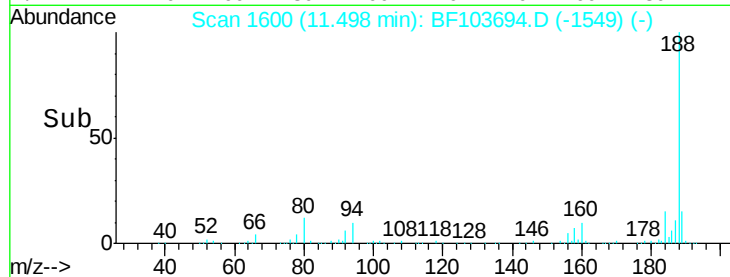
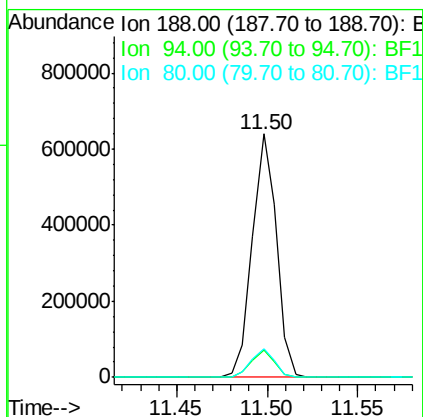
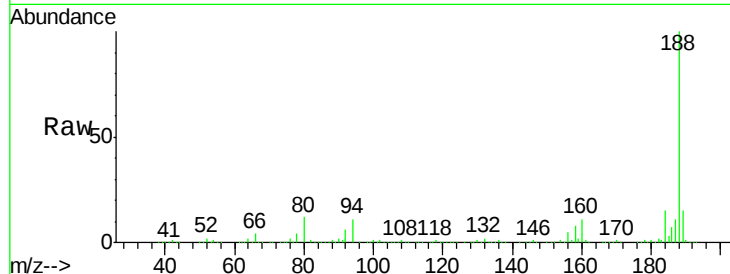
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	594453		
94	11.0		8.5	12.7
80	11.7		9.2	13.8

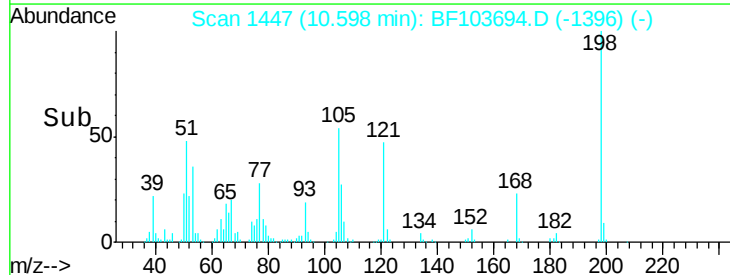
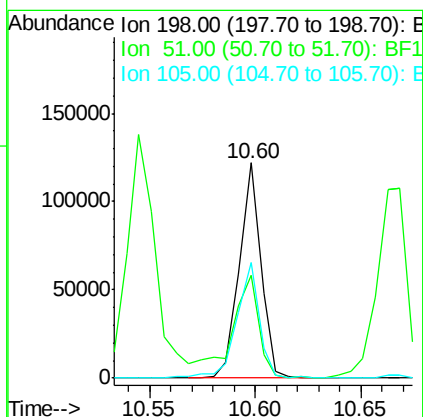
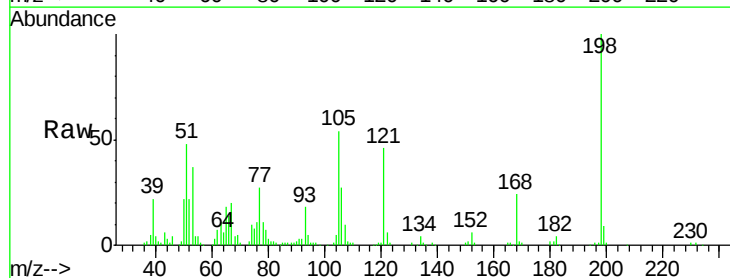
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.124 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	86129		
51	47.8		37.7	77.7
105	54.0		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 38.004 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

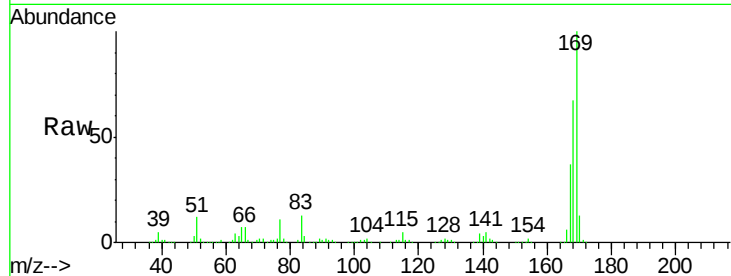
ClientSampleId :

PB107310BS

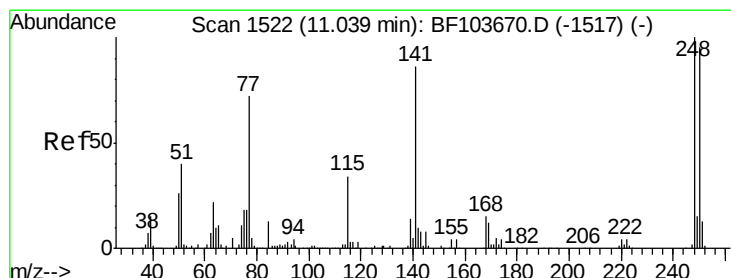
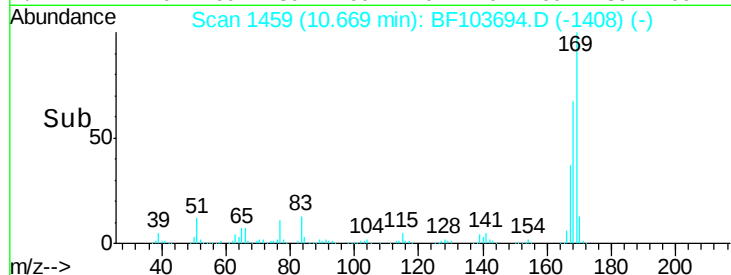
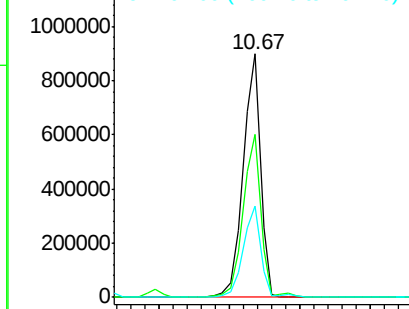
Tot Ion:	169	Resp:	768974
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.4	81.6
167	37.4	29.8	44.6

Manual Integrations
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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: 38.871 ng

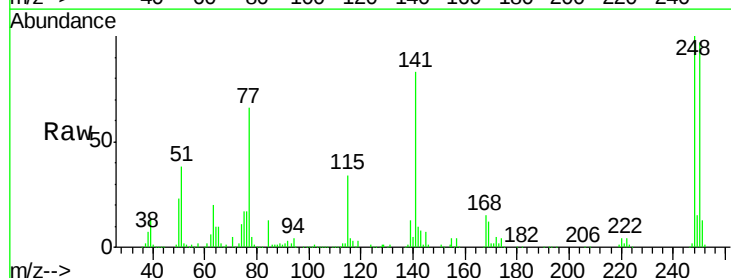
RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

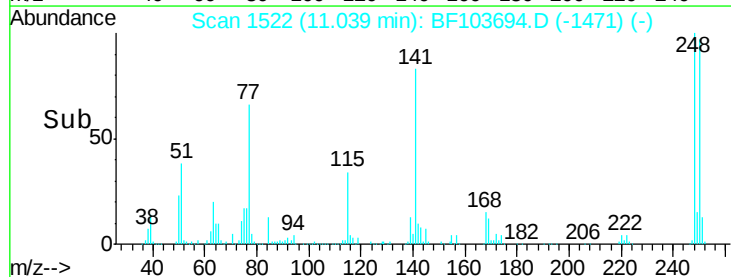
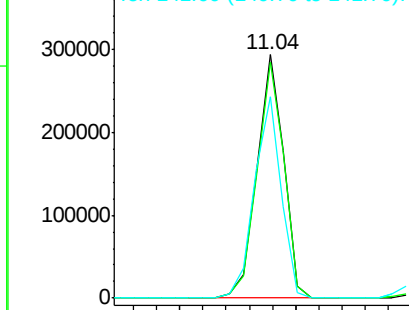
Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	248	Resp:	237250
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.9	115.3
141	82.9	74.4	111.6



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: 37.730 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

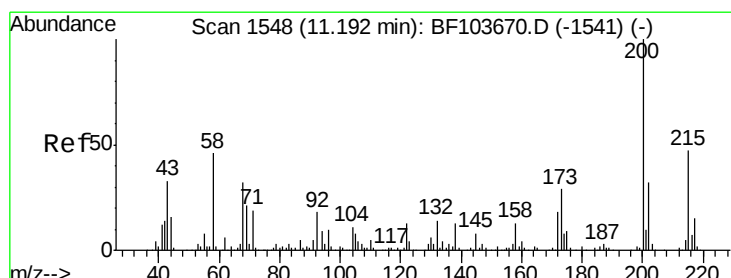
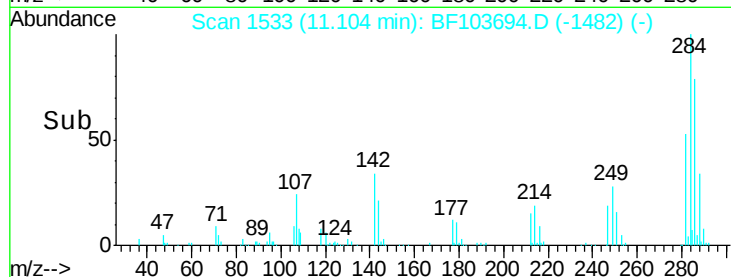
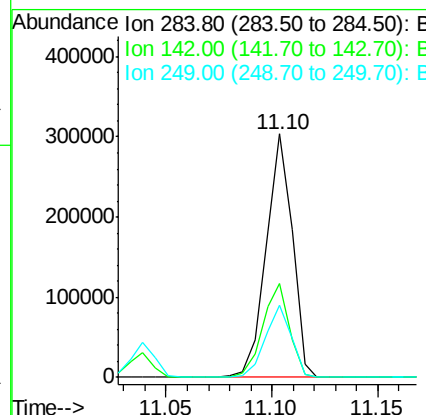
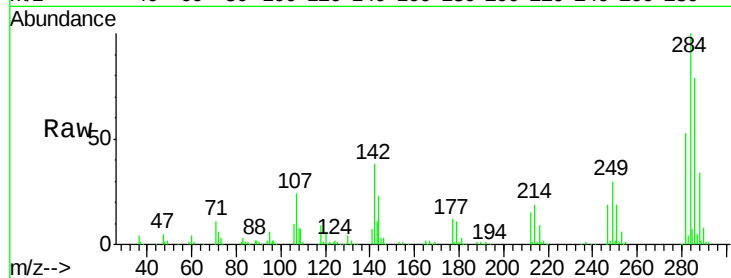
ClientSampleId :

PB107310BS

Tot Ion:	284	Resp:	262832
Ion Ratio	Lower	Upper	
284	100		
142	38.5	34.6	52.0
249	29.7	24.8	37.2

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#68

Atrazine

Concen: 39.363 ng

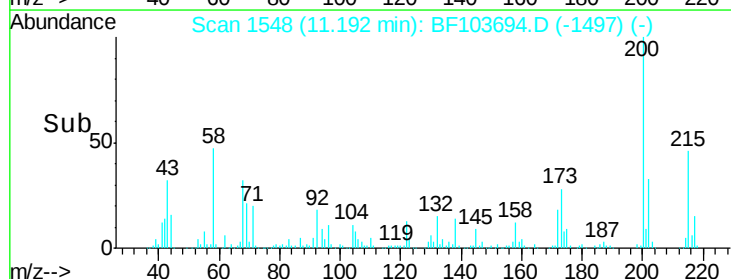
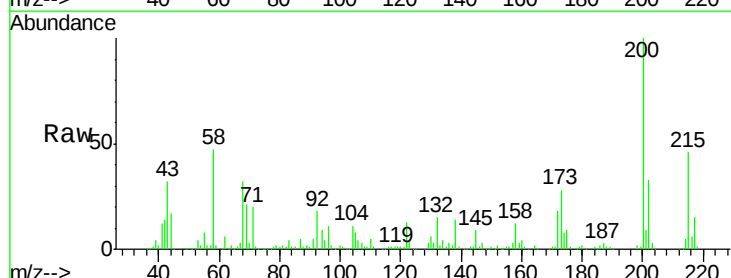
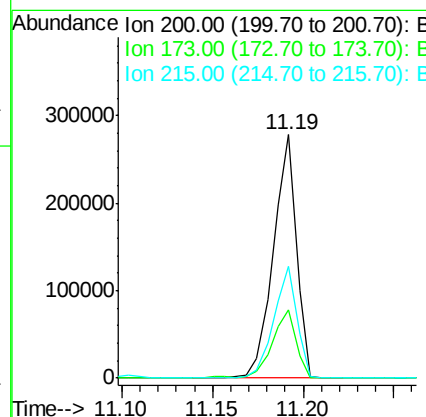
RT: 11.19 min Scan# 1548

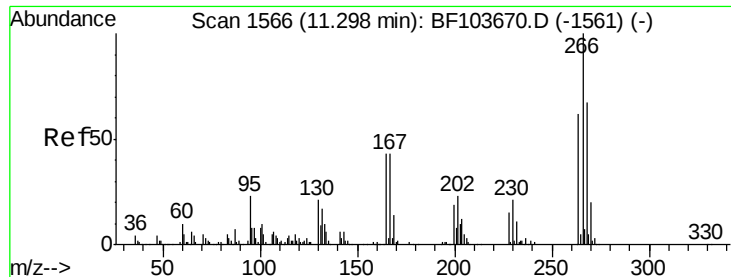
Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	200	Resp:	246384
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.6	48.6
215	46.1	25.1	65.1





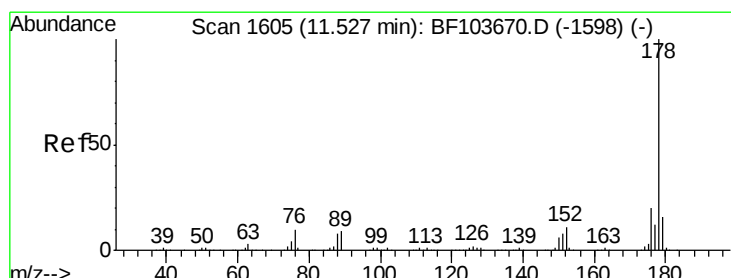
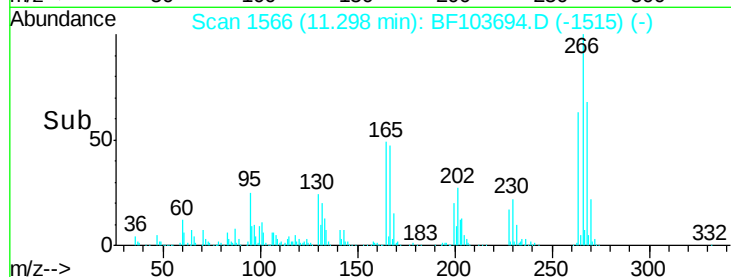
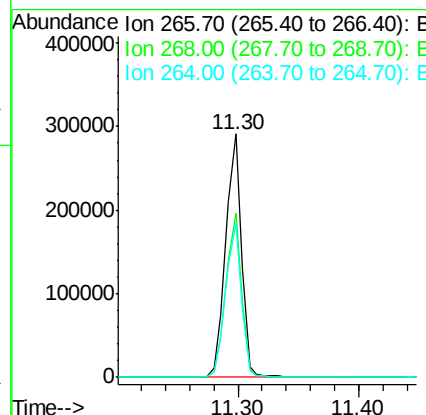
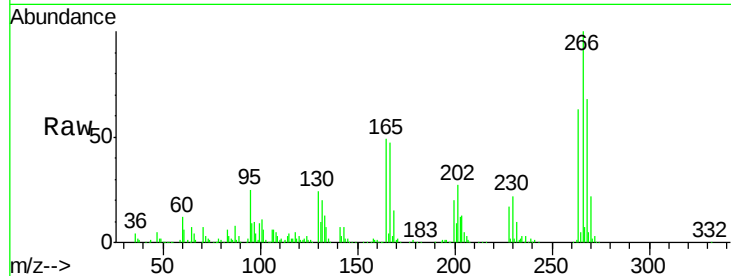
#69
 Pentachlorophenol
 Concen: 65.759 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	263362		
268	67.5	51.1	76.7	
264	63.5	49.5	74.3	

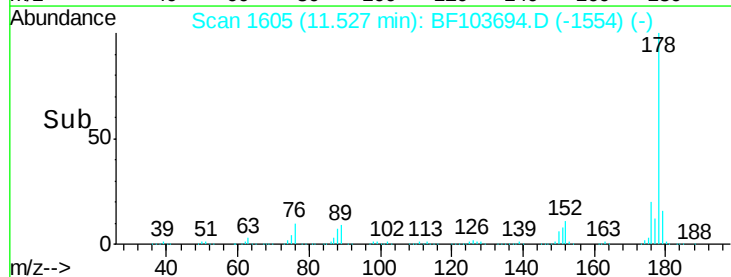
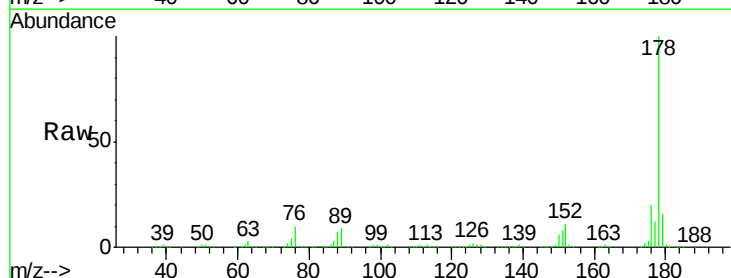
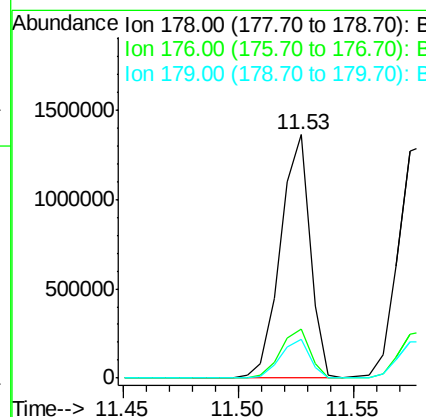
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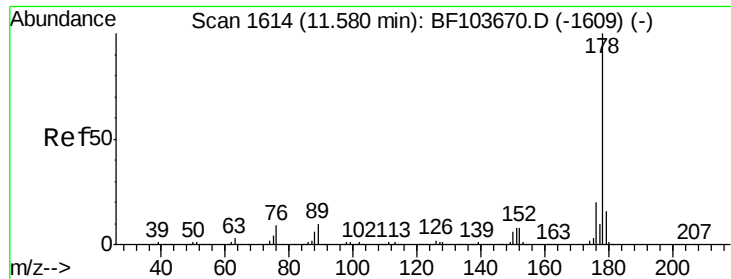
Sohil
 3/19/2018 2:00:45 PM



#70
 Phenanthrene
 Concen: 37.275 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1212098		
176	20.1	15.8	23.8	
179	15.8	13.0	19.6	





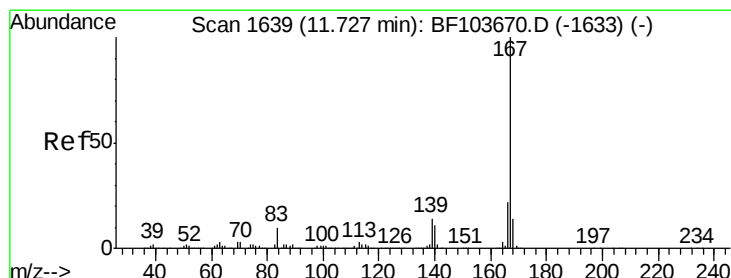
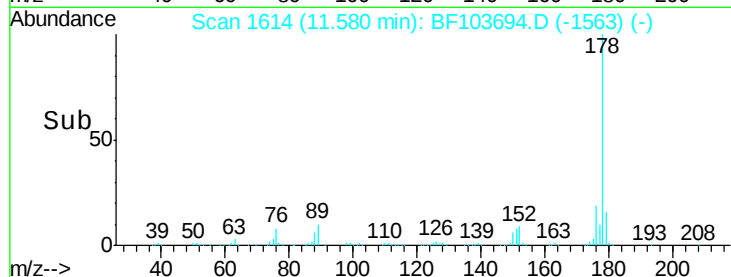
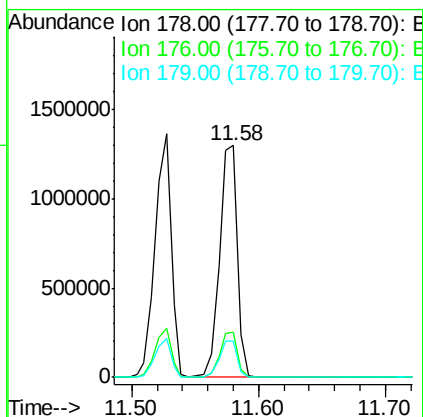
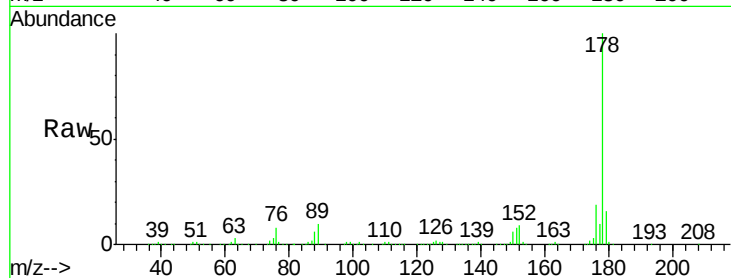
#71
 Anthracene
 Concen: 38.570 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.6	19.0

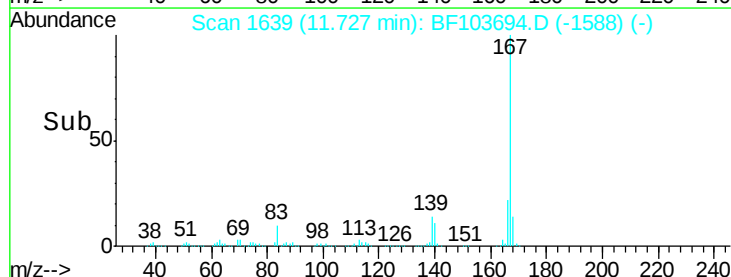
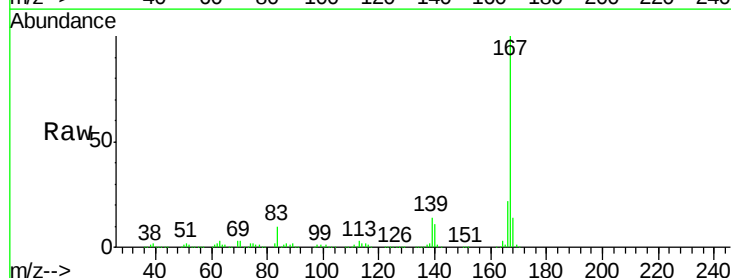
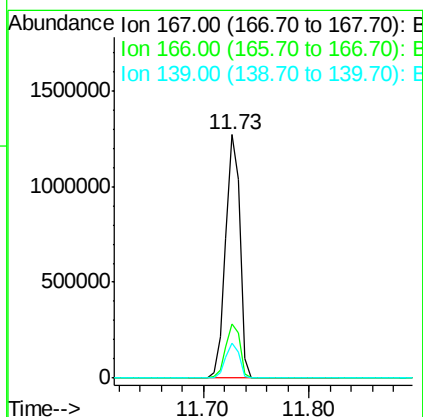
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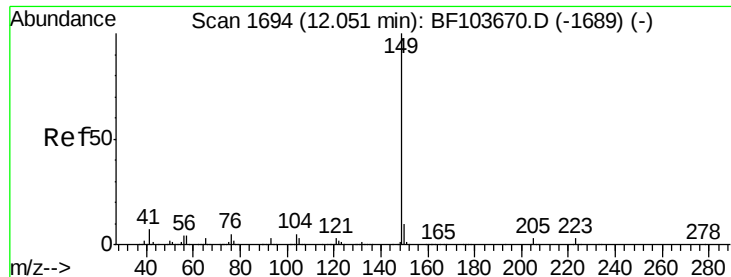
Sohil
 3/19/2018 2:00:45 PM



#72
 Carbazole
 Concen: 37.454 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.334 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

ClientSampleId :

PB107310BS

Tot Ion:149 Resp: 1476525

Ion Ratio Lower Upper

149 100

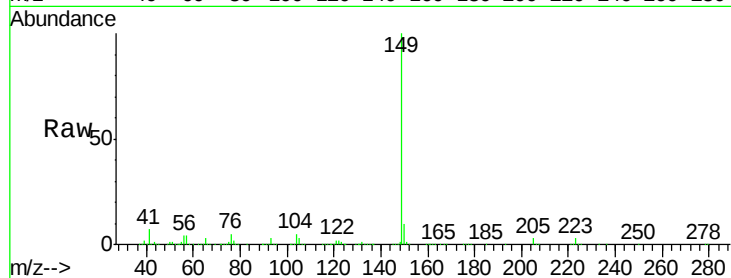
150 9.7 7.8 11.6

104 5.3 3.8 5.8

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Sohil

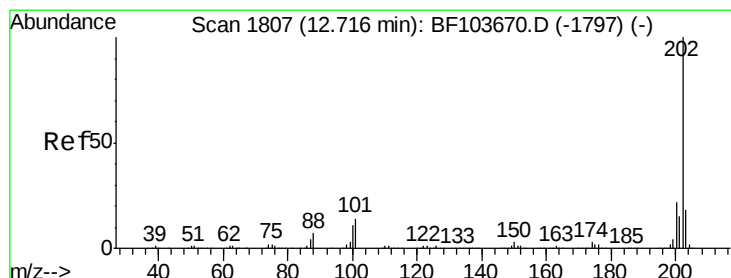
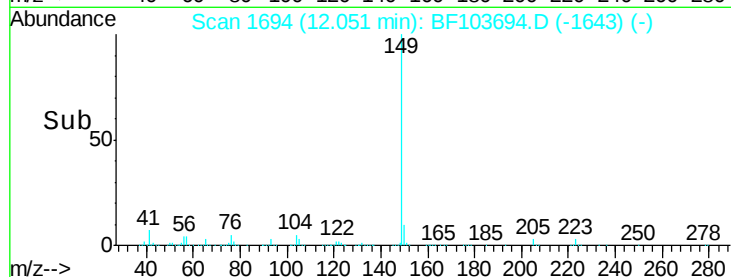
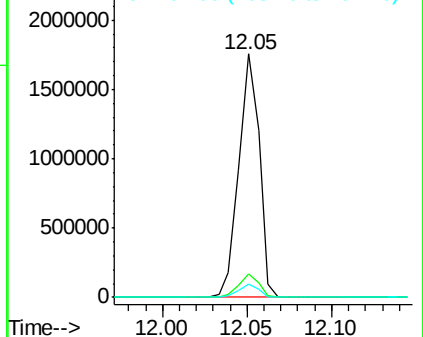
3/19/2018 2:00:45 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.676 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

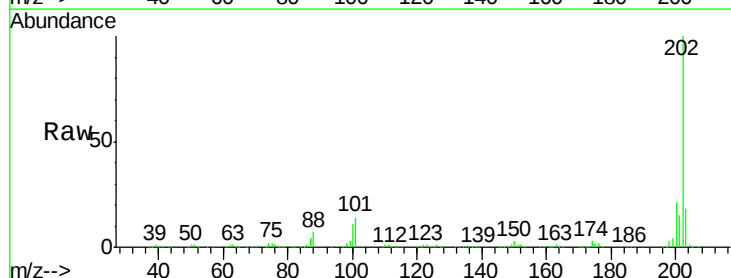
Tgt Ion:202 Resp: 1295674

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

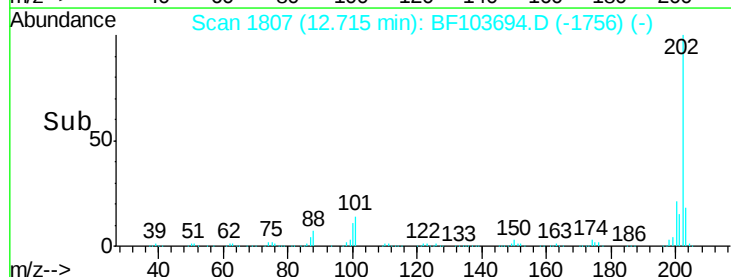
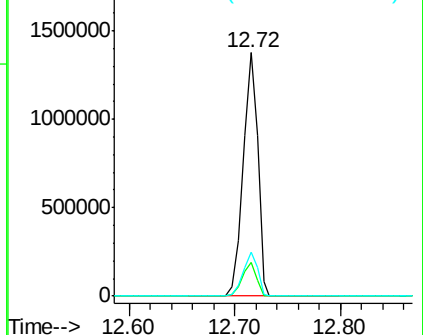
203 18.1 0.0 38.1

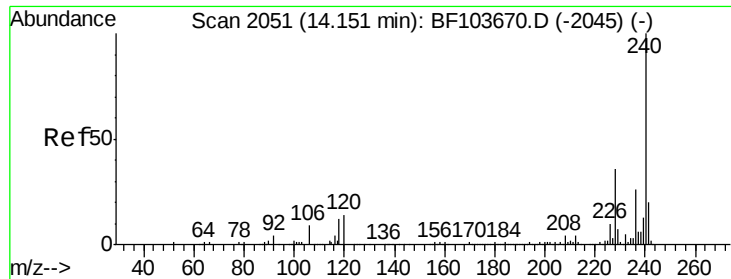


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.02 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

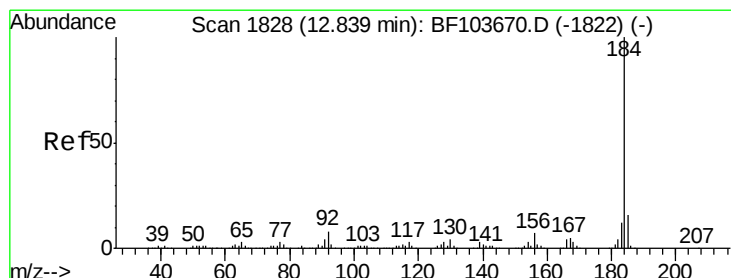
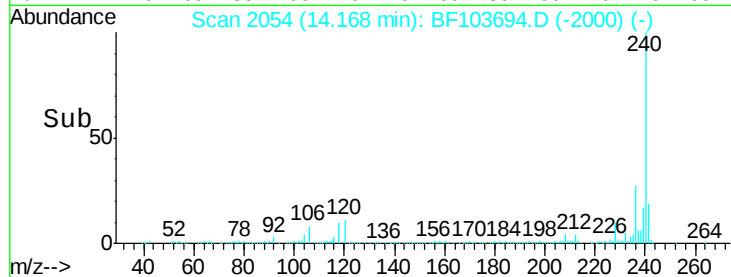
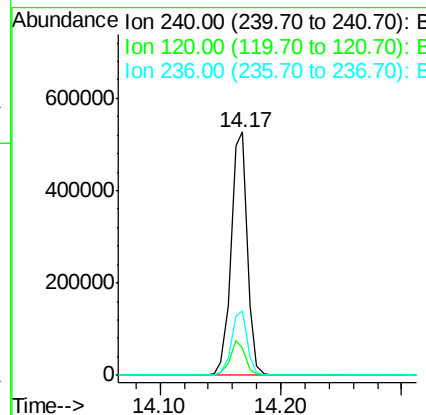
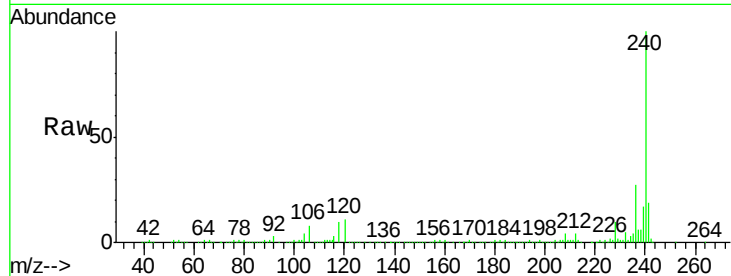
ClientSampleId :

PB107310BS

Tot Ion:	240	Resp:	491829
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 27.474 ng

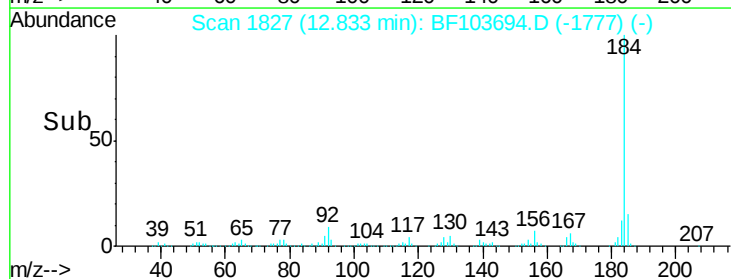
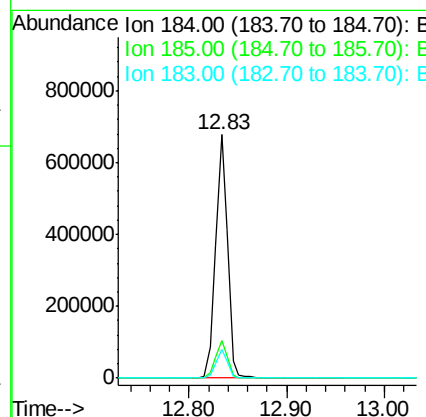
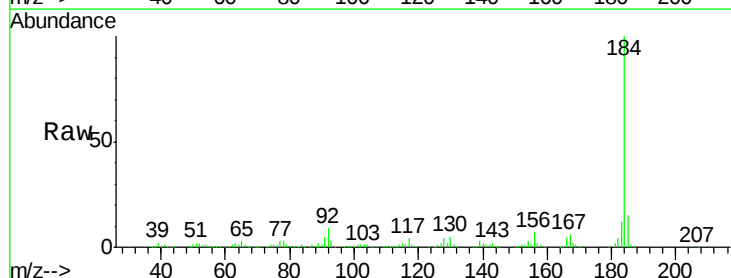
RT: 12.83 min Scan# 1827

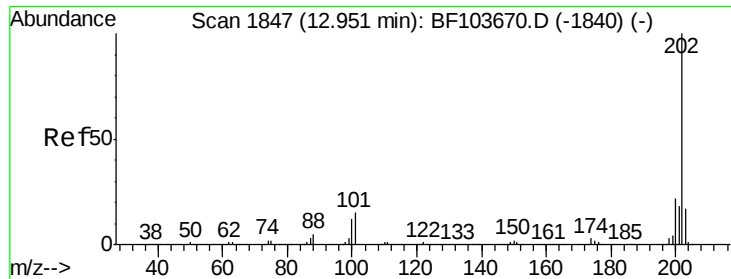
Delta R.T. -0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	184	Resp:	576308
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	11.7	9.3	13.9





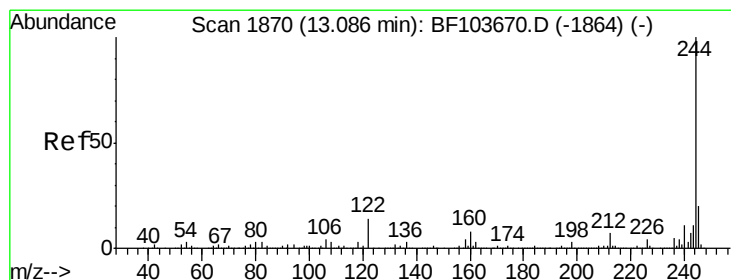
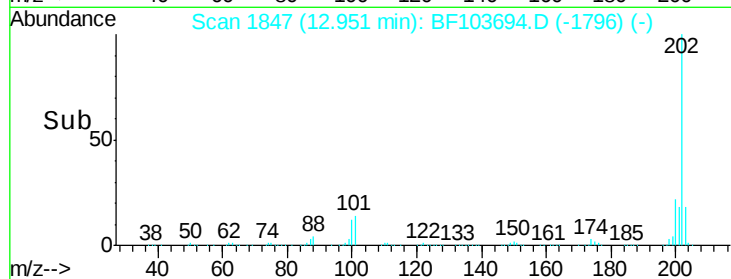
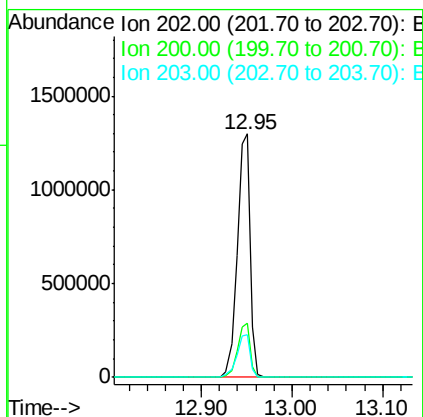
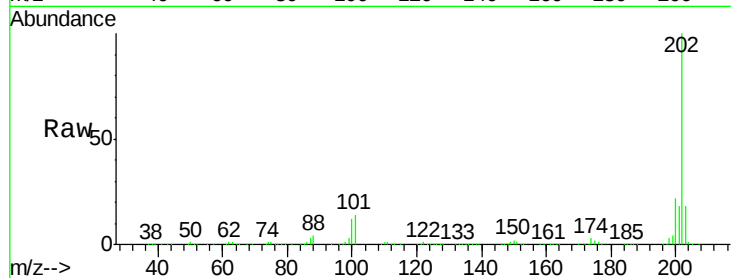
#77
Pvrene
Concen: 36.214 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.8	14.3	21.5

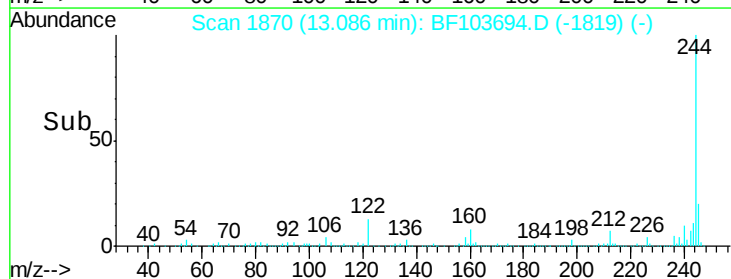
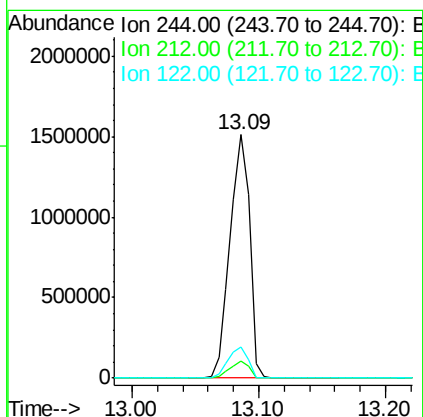
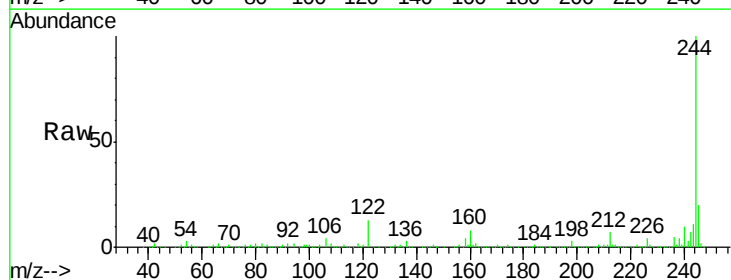
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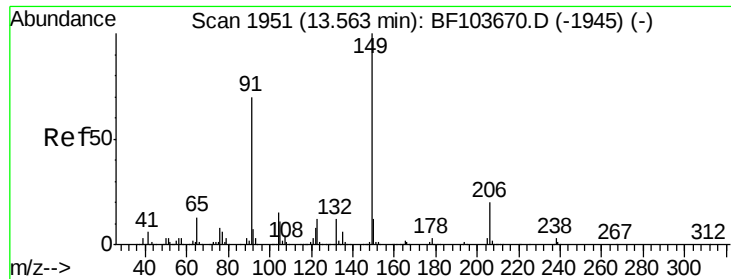
Sohil
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#78
Terphenyl-d14
Concen: 76.169 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.8	11.0	16.4





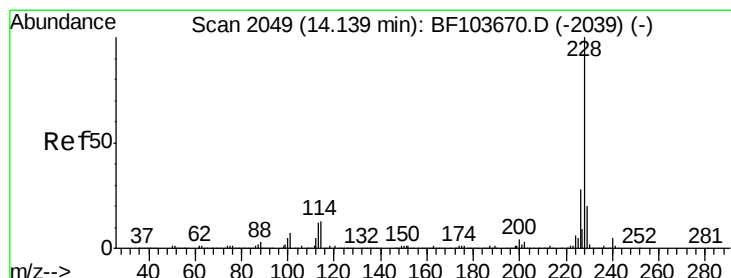
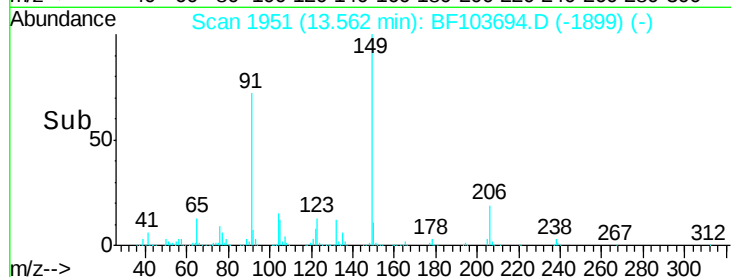
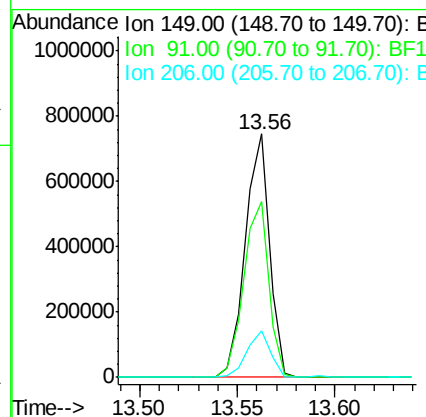
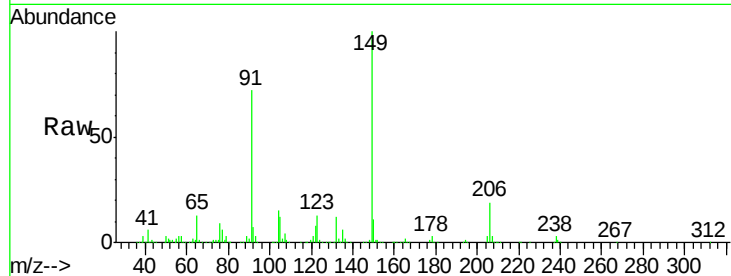
#79
Butylbenzylphthalate
Concen: 40.148 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	56.8	85.2
206	19.2	14.1	21.1

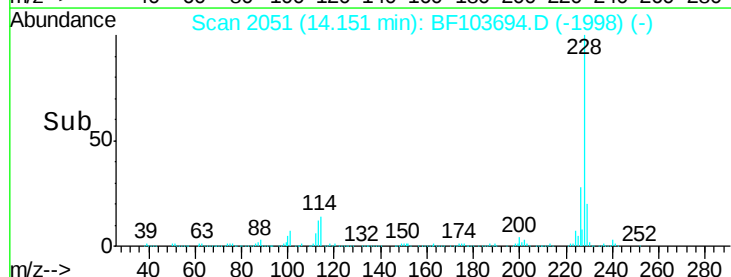
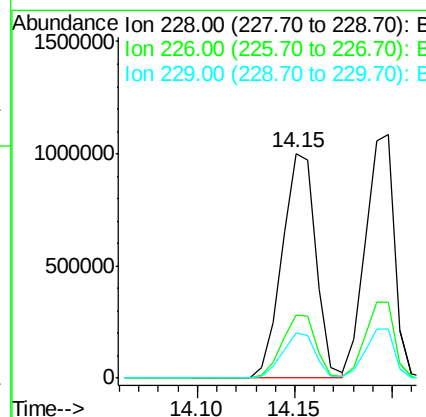
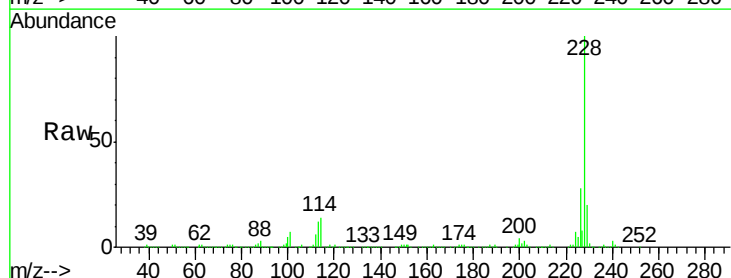
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 38.520 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 15.224 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

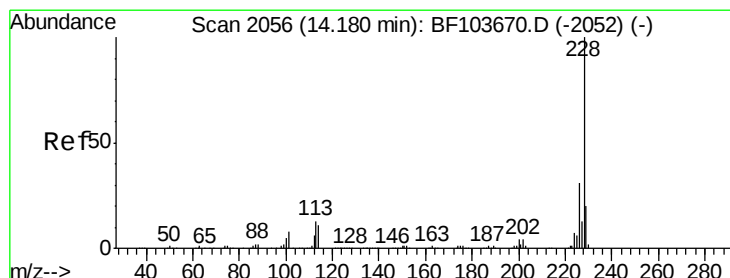
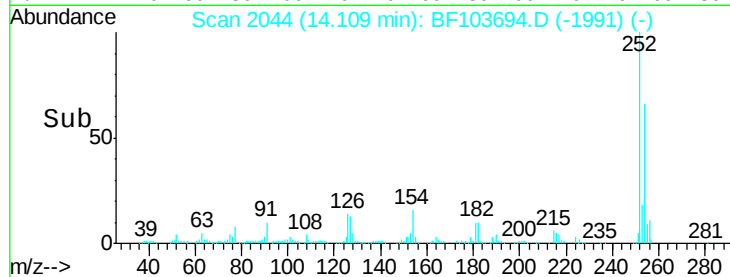
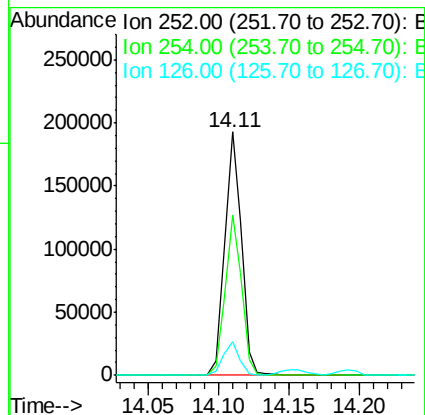
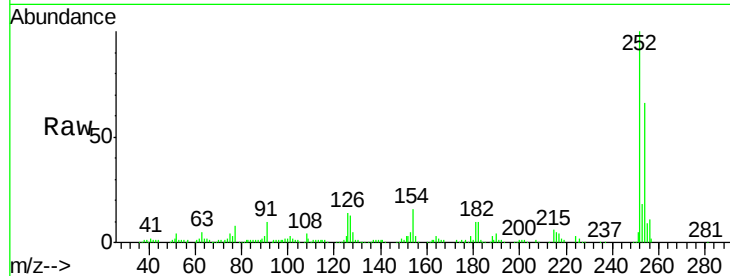
ClientSampled :

PB107310BS

Tot Ion:	252	Resp:	158534
Ion Ratio	Lower	Upper	
252	100		
254	66.1	50.4	75.6
126	13.6	11.3	16.9

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#82

Chrysene

Concen: 37.878 ng

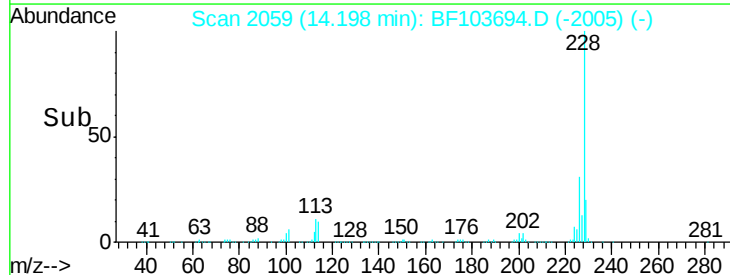
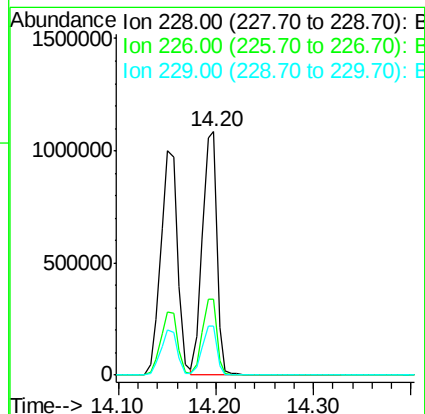
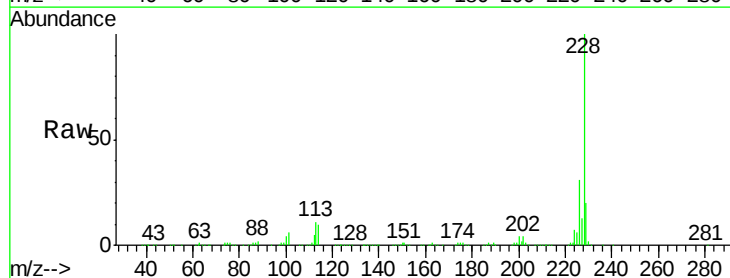
RT: 14.20 min Scan# 2059

Delta R.T. 0.02 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	228	Resp:	1124110
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	20.0	16.2	24.4





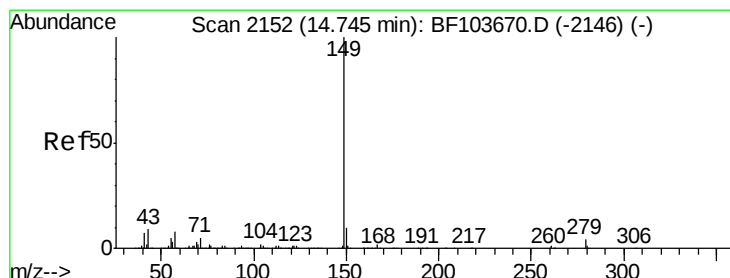
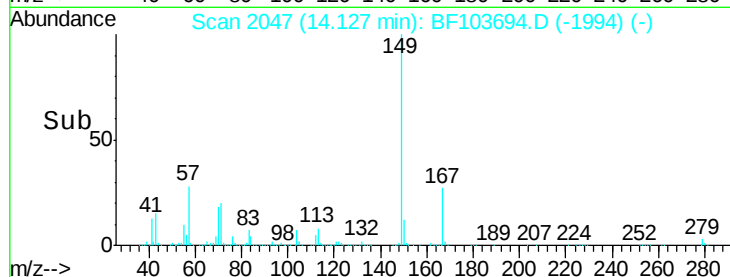
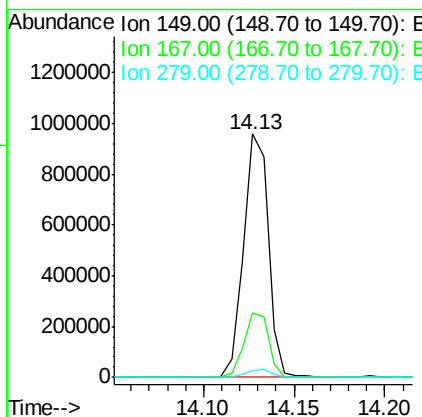
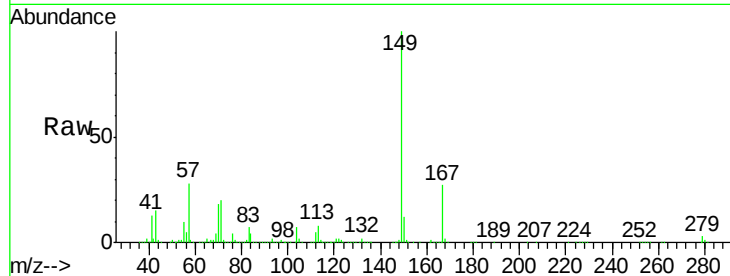
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.684 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	2.9	3.0	4.4#

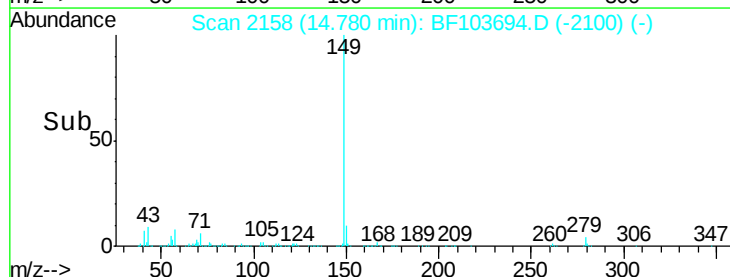
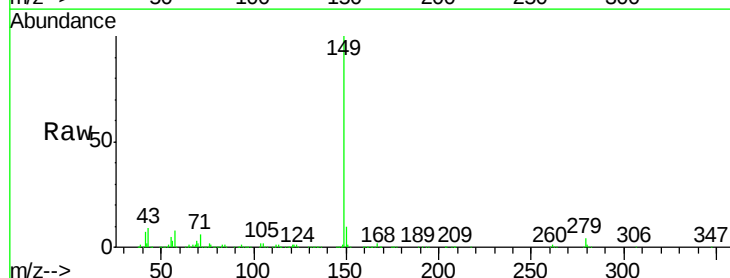
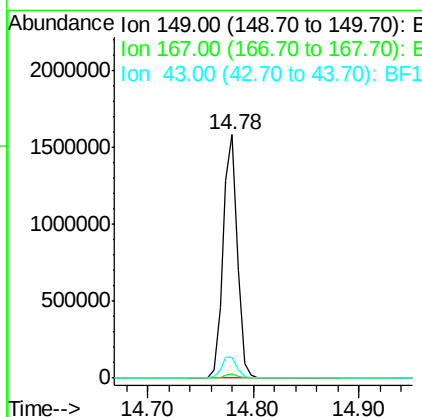
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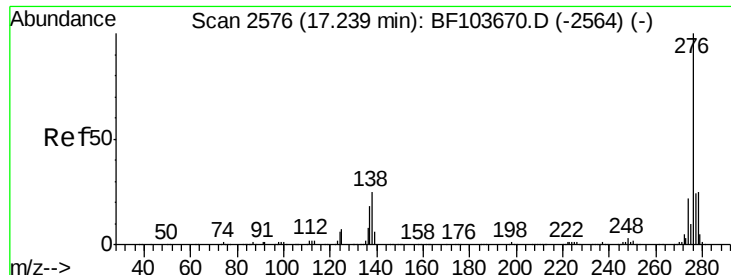
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#84
 Di-n-octyl phthalate
 Concen: 44.850 ng
 RT: 14.78 min Scan# 2158
 Delta R.T. 0.04 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.311 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.05 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Instrument :

BNA_F

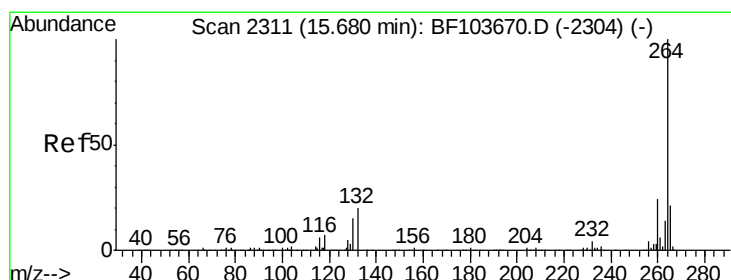
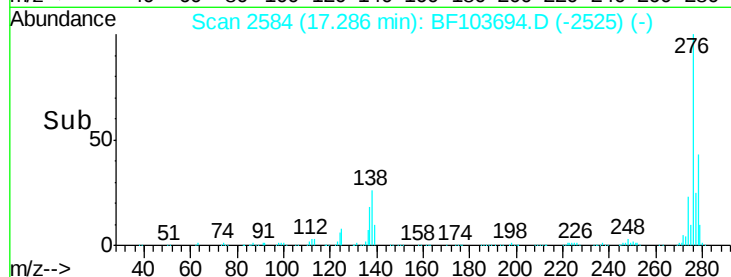
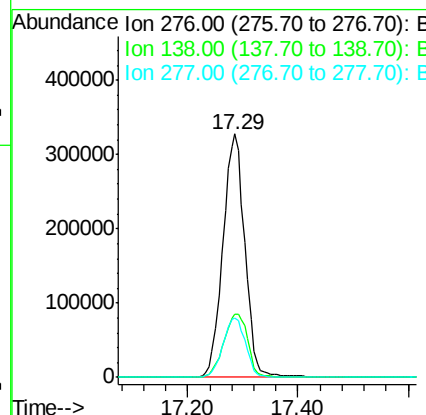
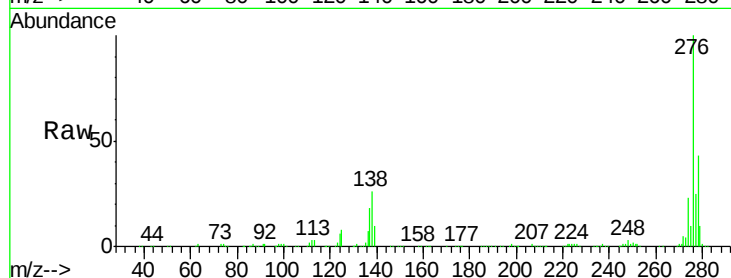
ClientSampleId :

PB107310BS

Tot Ion:	276	Resp:	915152
Ion Ratio	Lower	Upper	
276	100		
138	28.4	25.0	37.6
277	25.1	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

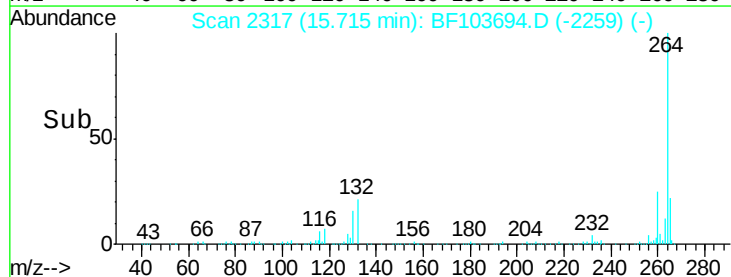
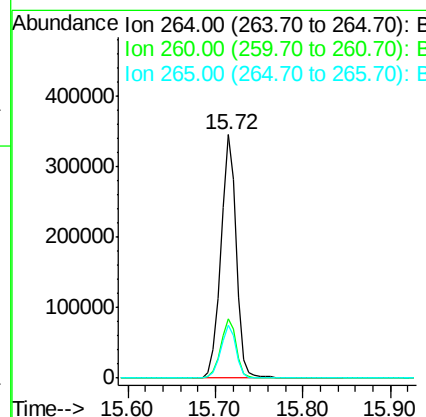
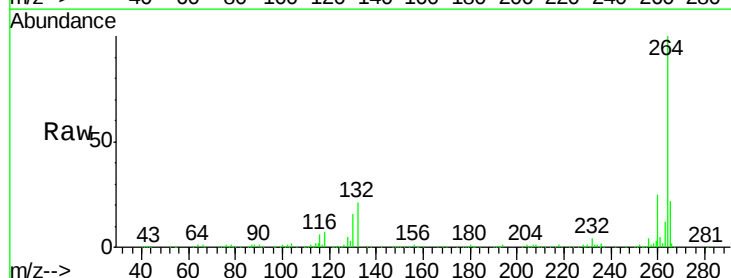
RT: 15.72 min Scan# 2317

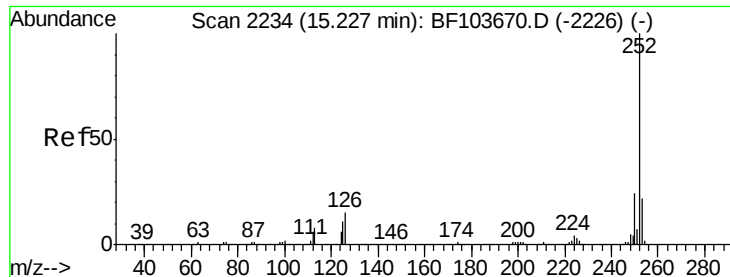
Delta R.T. 0.04 min

Lab File: BF103694.D

Acq: 16 Mar 2018 14:12

Tgt Ion:	264	Resp:	423111
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3





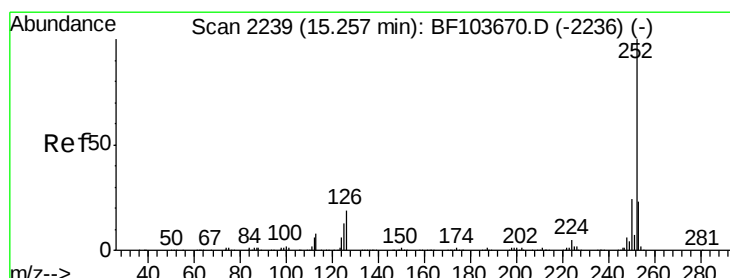
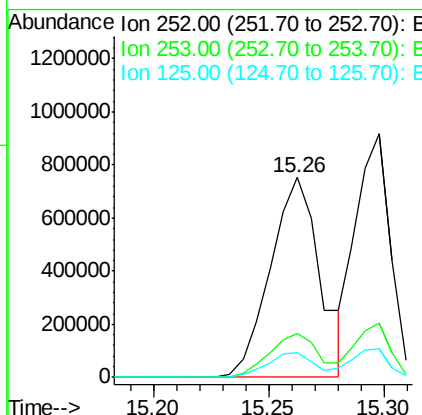
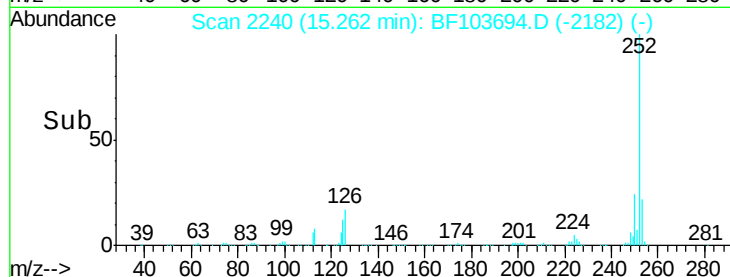
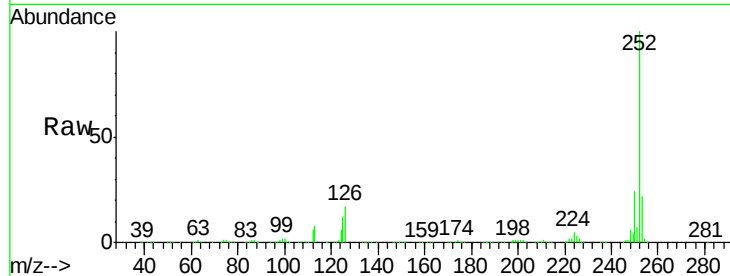
#87
Benzo(b)fluoranthene
Concen: 42.095 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.04 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion:252 Resp: 1125246
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.4 9.0 13.6

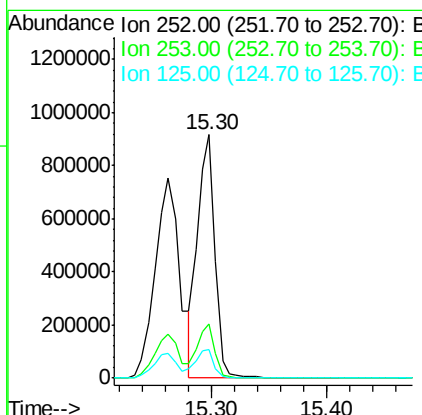
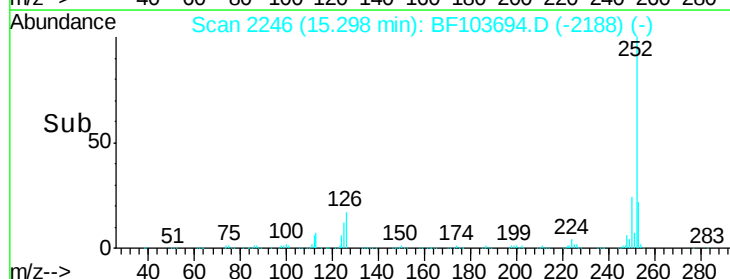
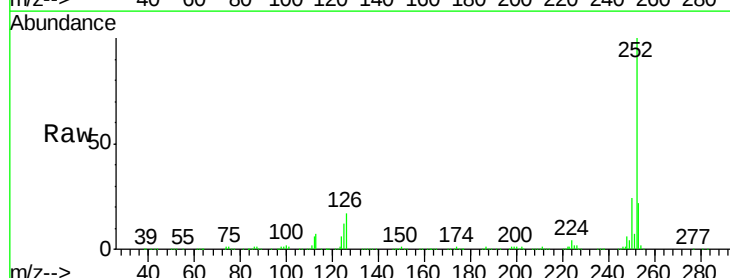
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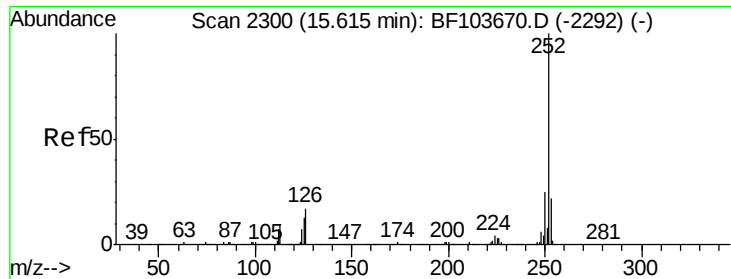
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#88
Benzo(k)fluoranthene
Concen: 37.724 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.04 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion:252 Resp: 969347
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.5 10.2 15.2





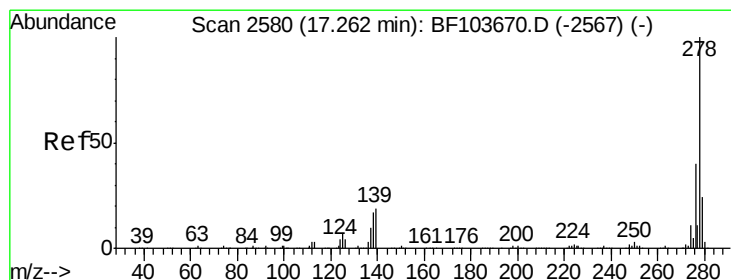
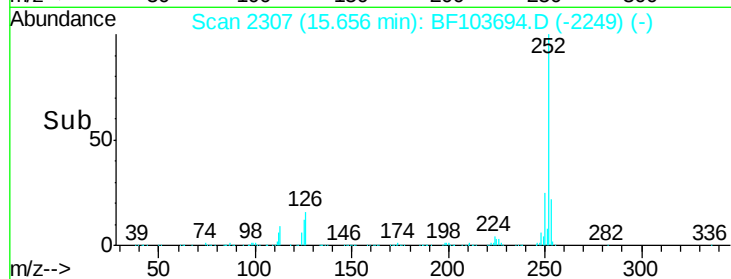
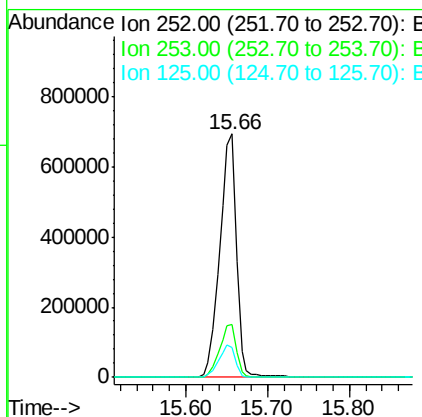
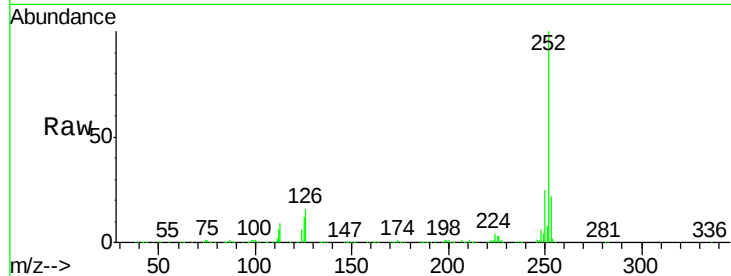
#89
Benzo(a)pyrene
Concen: 40.745 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.04 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.3	9.8	14.6

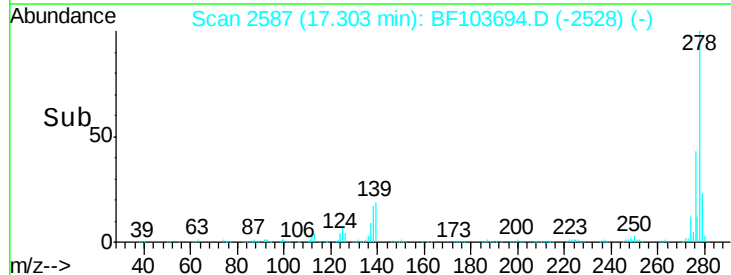
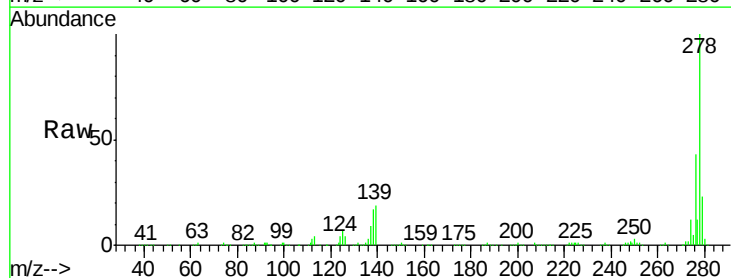
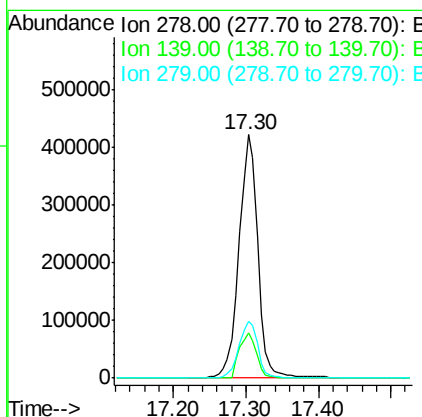
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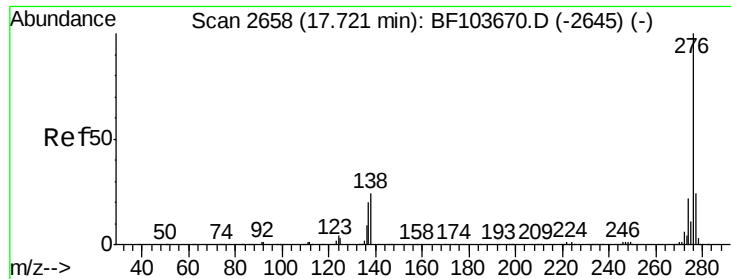
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.439 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.05 min
Lab File: BF103694.D
Acq: 16 Mar 2018 14:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	23.4	19.0	28.4





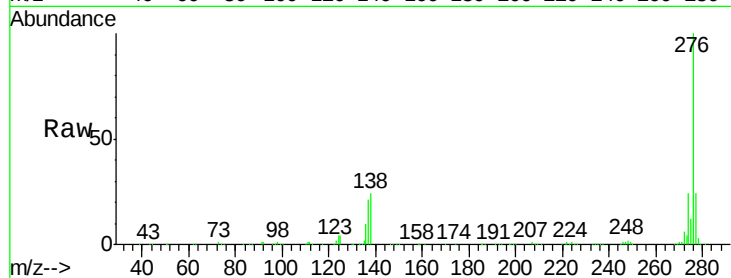
#91
 Benzo(a,h,i)perylene
 Concen: 36.641 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. 0.05 min
 Lab File: BF103694.D
 Acq: 16 Mar 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

