

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103695.D
 Acq On : 16 Mar 2018 14:38
 Operator : JU/SJ
 Sample : PB107310BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:00:48 PM

Quant Time: Mar 16 16:01:52 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	6.96	152	169176	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	705743	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	336733	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	610957	20.00	ng	0.00
75) Chrysene-d12	14.15	240	496998	20.00	ng	0.00
86) Perylene-d12	15.67	264	421309	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	828709	74.51	ng	0.01
7) Phenol-d6	6.59	99	1024888	75.32	ng	0.00
23) Nitrobenzene-d5	7.53	82	871271	86.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	246223	85.04	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1524977	72.24	ng	0.00
78) Terphenyl-d14	13.09	244	1450612	67.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	167753	30.629	ng	93
3) Pyridine	3.66	79	475287	31.551	ng	90
4) n-Nitrosodimethylamine	3.62	42	203755	36.683	ng	93
6) Aniline	6.63	93	408161	21.006	ng	97
8) 2-Chlorophenol	6.75	128	434317	37.275	ng	95
9) Benzaldehyde	6.52	77	190038	21.257	ng	99
10) Phenol	6.60	94	539164	37.287	ng	95
11) bis(2-Chloroethyl)ether	6.70	93	418668	35.073	ng	96
12) 1,3-Dichlorobenzene	6.91	146	443198	33.397	ng	99
13) 1,4-Dichlorobenzene	6.99	146	443546	33.261	ng	98
14) 1,2-Dichlorobenzene	7.14	146	419071	33.866	ng	98
15) Benzyl Alcohol	7.10	79	379938	36.035	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	581394	34.244	ng	96
17) 2-Methylphenol	7.20	107	363300	35.013	ng	99
18) Hexachloroethane	7.48	117	166486	35.493	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	295821	33.921	ng	95
20) 3+4-Methylphenols	7.36	107	457977	34.779	ng	100
22) Acetophenone	7.37	105	585147	32.261	ng	# 94
24) Nitrobenzene	7.55	77	458206	38.566	ng	98
25) Isophorone	7.78	82	853977	36.452	ng	97
26) 2-Nitrophenol	7.86	139	212396	47.186	ng	97
27) 2,4-Dimethylphenol	7.89	122	413228	41.173	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	539033	37.997	ng	99
29) 2,4-Dichlorophenol	8.10	162	353160	38.677	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	361676	34.151	ng	98
31) Naphthalene	8.27	128	1218015	34.165	ng	99
32) Benzoic acid	7.97	122	100136	21.127	ng	98
33) 4-Chloroaniline	8.31	127	187358	12.527	ng	99
34) Hexachlorobutadiene	8.38	225	188171	32.407	ng	98
35) Caprolactam	8.68	113	112120m	35.659	ng	
36) 4-Chloro-3-methylphenol	8.79	107	389351	38.679	ng	99
37) 2-Methylnaphthalene	8.96	142	810456	35.848	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	316225	32.917	ng	97
40) Hexachlorocyclopentadiene	9.12	237	377676	76.190	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	241609	39.320	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	258543	37.279	nq	96
45) 1,1'-Biphenyl	9.43	154	930156	33.127	nq	99
46) 2-Chloronaphthalene	9.45	162	742376	33.288	nq	100
47) 2-Nitroaniline	9.55	65	237510	41.745	nq	95
48) Acenaphthylene	9.87	152	1144240	33.087	nq	99
49) Dimethylphthalate	9.72	163	888040	34.566	nq	99
50) 2,6-Dinitrotoluene	9.79	165	194640	39.898	nq	96
51) Acenaphthene	10.05	154	716658	34.900	nq	99
52) 3-Nitroaniline	9.96	138	137915	25.129	nq	94
53) 2,4-Dinitrophenol	10.06	184	79642	62.472	nq	# 23
54) Dibenzofuran	10.22	168	1024146	34.921	nq	98
55) 4-Nitrophenol	10.11	139	357060	76.167	nq	98
56) 2,4-Dinitrotoluene	10.19	165	266231	43.024	nq	97
57) Fluorene	10.56	166	785810	34.530	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	205104	41.736	nq	98
59) Diethylphthalate	10.42	149	867183	34.009	nq	99
60) 4-Chlorophenyl-phenylether	10.55	204	361573	34.765	nq	98
61) 4-Nitroaniline	10.57	138	220317	39.180	nq	98
62) Azobenzene	10.71	77	893796	34.477	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	79596	39.276	nq	78
65) n-Nitrosodiphenylamine	10.67	169	717527	34.503	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	220642	35.174	nq	92
67) Hexachlorobenzene	11.10	284	242734	33.904	nq	93
68) Atrazine	11.19	200	229472	35.671	nq	98
69) Pentachlorophenol	11.30	266	241438	58.657	nq	97
70) Phenanthrene	11.52	178	1139410	34.093	nq	99
71) Anthracene	11.57	178	1193244	35.153	nq	99
72) Carbazole	11.73	167	1107652	33.573	nq	99
73) Di-n-butylphthalate	12.05	149	1363467	34.443	nq	99
74) Fluoranthene	12.72	202	1200195	34.858	nq	99
76) Benzidine	12.83	184	546421	25.778	nq	98
77) Pyrene	12.95	202	1221717	33.472	nq	100
79) Butylbenzylphthalate	13.56	149	592922	36.666	nq	97
80) Benzo(a)anthracene	14.14	228	1102698	35.051	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	163624	15.549	nq	97
82) Chrysene	14.17	228	1023881	34.142	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	834382	36.118	nq	# 99
84) Di-n-octyl phthalate	14.74	149	1383490	41.164	nq	97
85) Indeno(1,2,3-cd)pyrene	17.23	276	821118	31.353	nq	97
87) Benzo(b)fluoranthene	15.22	252	959838	36.061	nq	98
88) Benzo(k)fluoranthene	15.26	252	968748	37.862	nq	97
89) Benzo(a)pyrene	15.61	252	893643	37.016	nq	97
90) Dibenzo(a,h)anthracene	17.26	278	685838	32.808	nq	98
91) Benzo(g,h,i)perylene	17.71	276	668998	32.896	nq	96

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

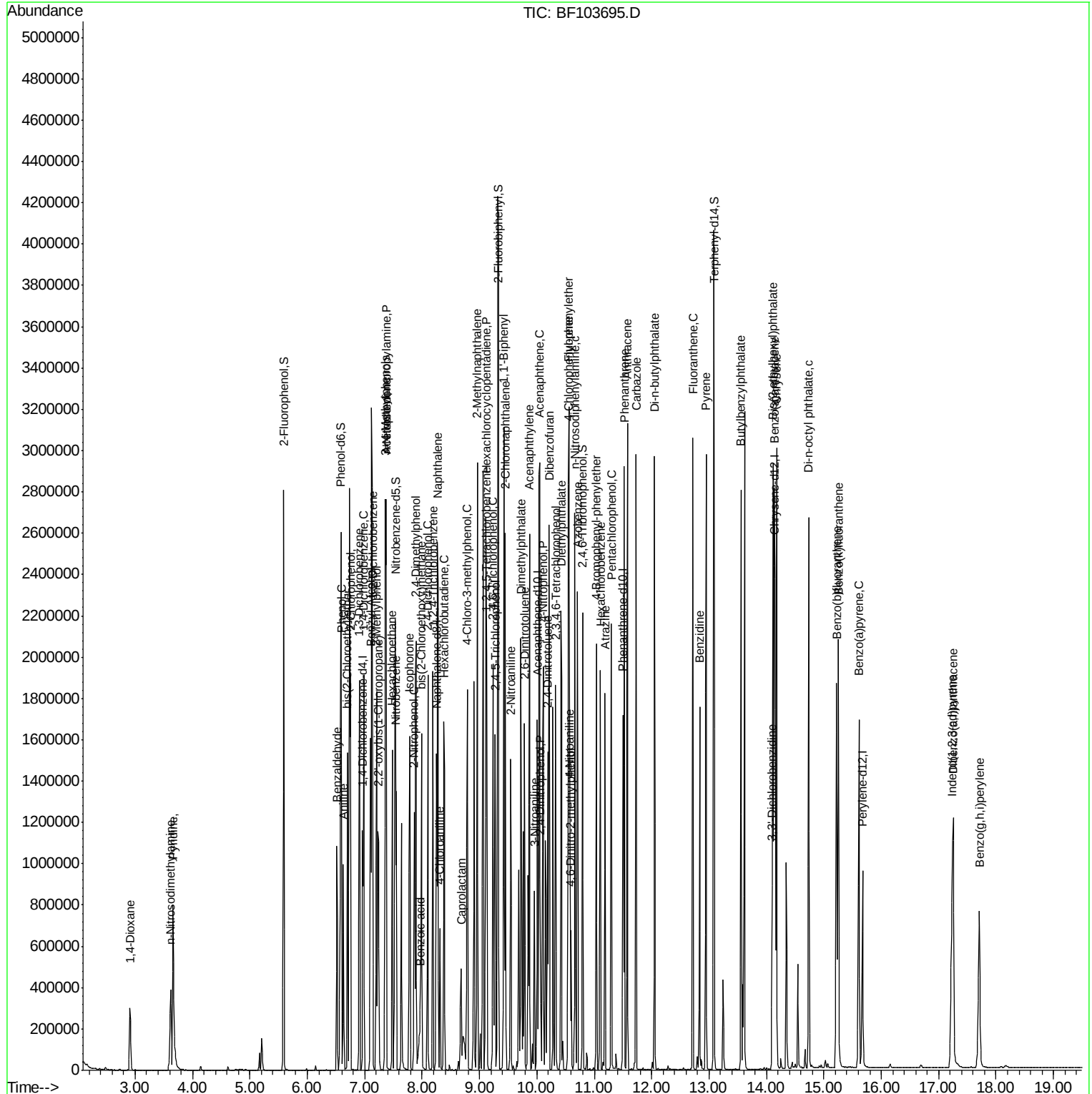
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

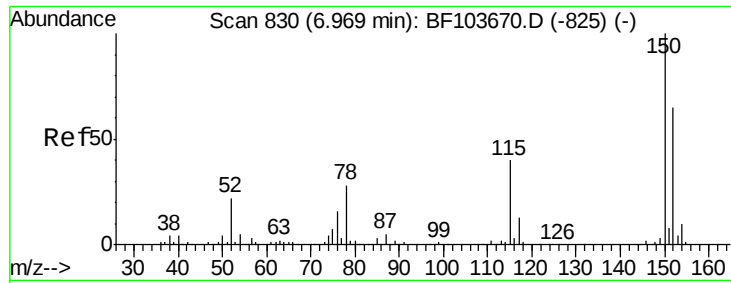
Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Manual Integrations
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3/19/2018 2:00:48 PM

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#1

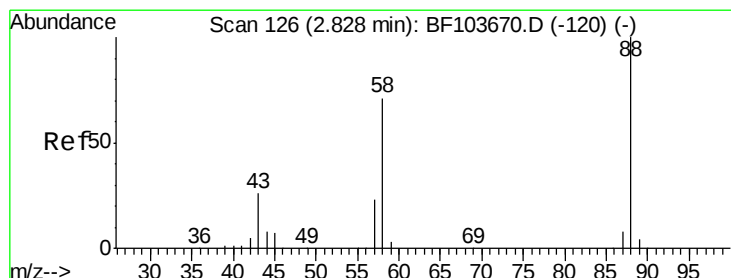
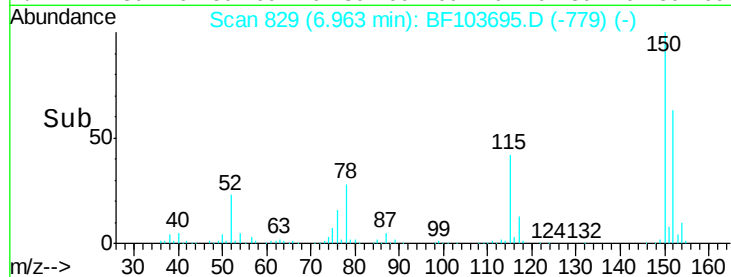
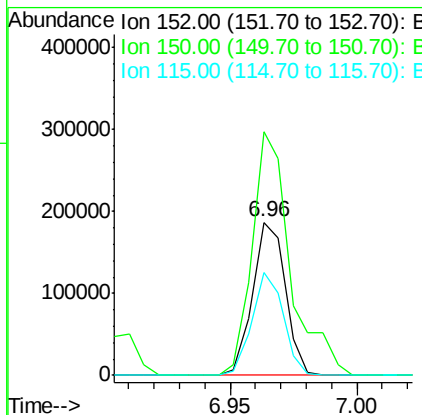
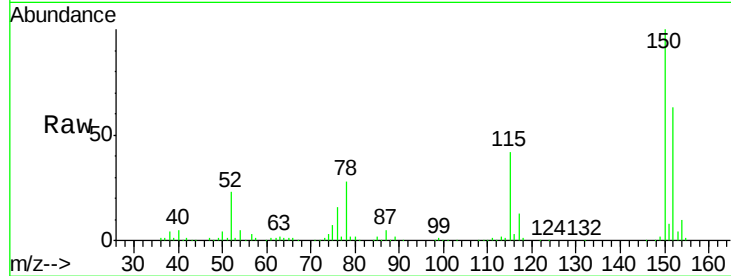
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	66.8	50.1	75.1

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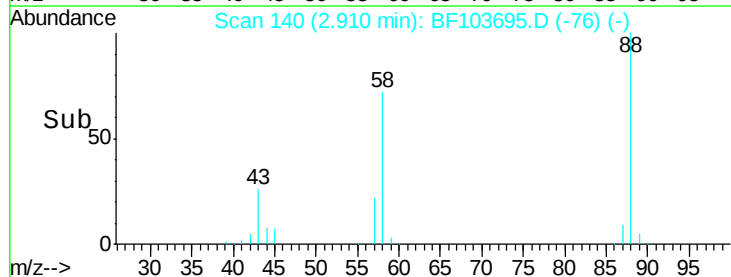
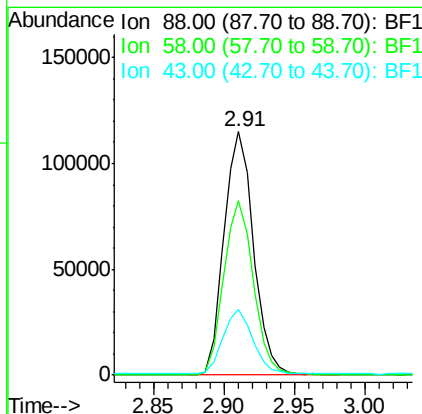
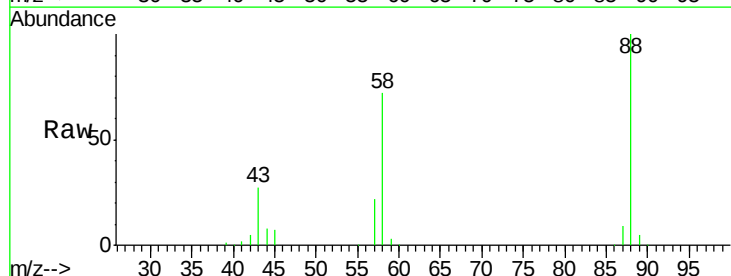
Sohil
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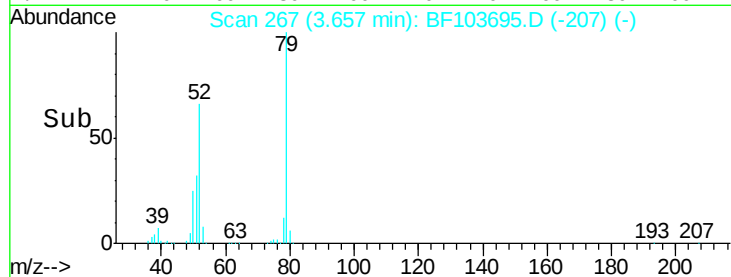
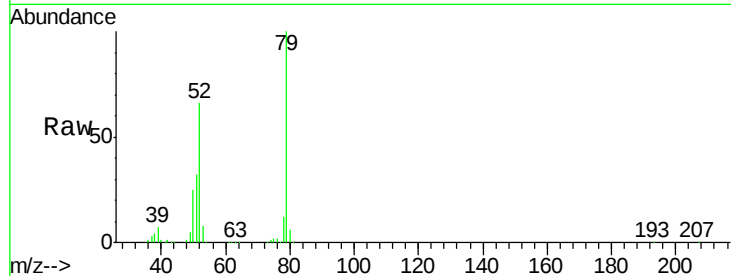
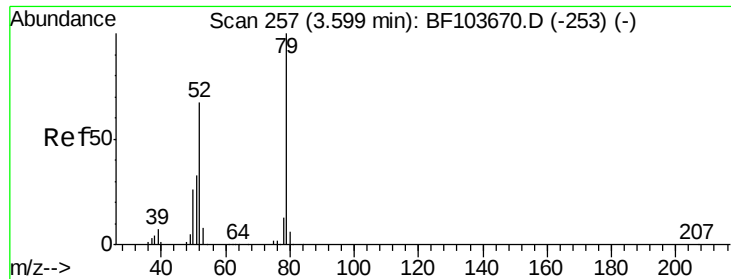


#2

1,4-Dioxane
Concen: 30.629 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.08 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	62.6	93.8
43	26.5	24.6	37.0





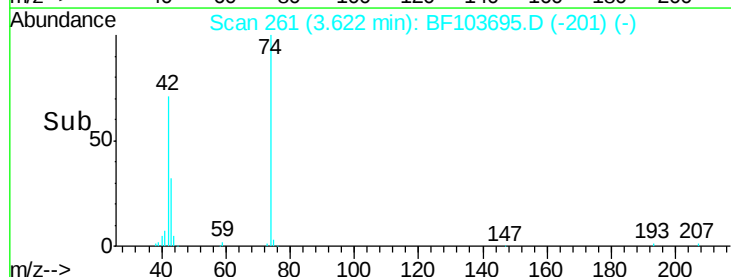
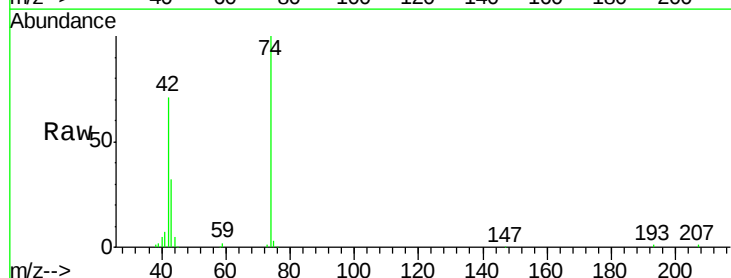
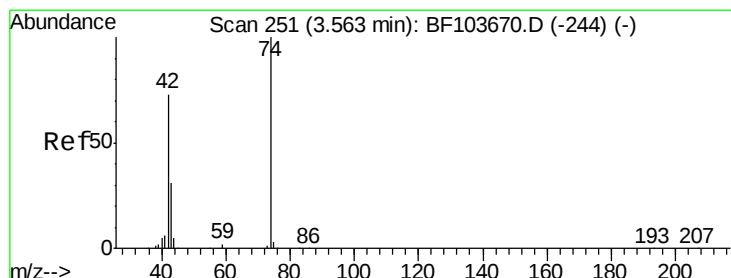
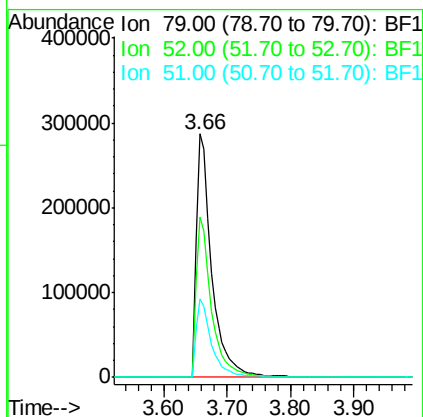
#3
Pvridine
Concen: 31.551 ng
RT: 3.66 min Scan# 267
Delta R.T. 0.05 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.0	59.8	89.6
51	32.3	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

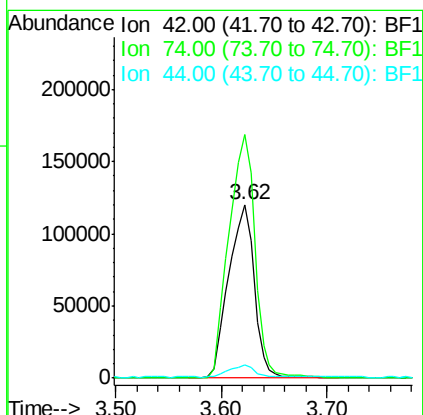
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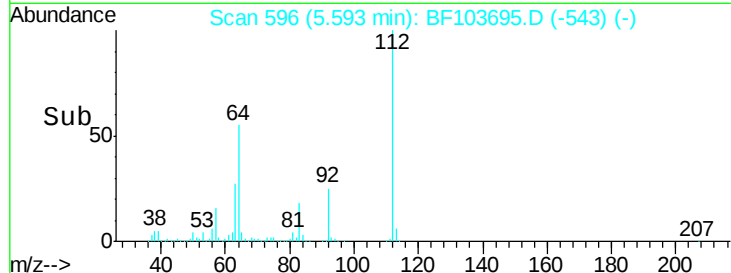
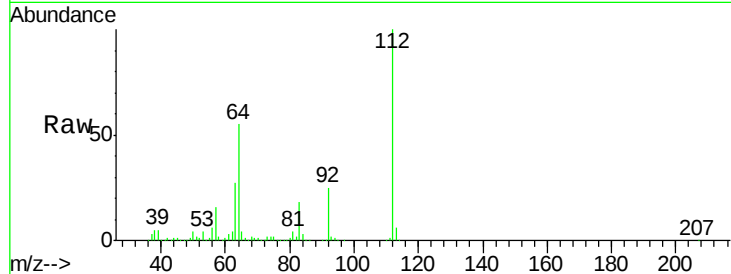
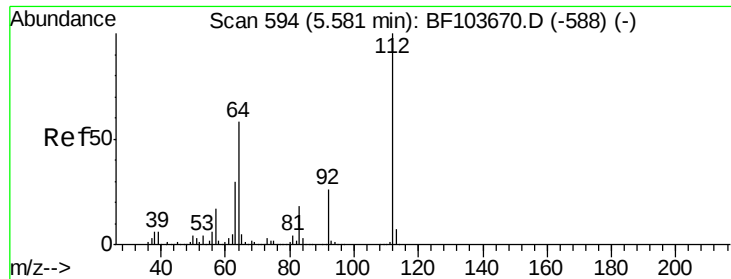
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3/19/2018 2:00:48 PM



#4
n-Nitrosodimethylamine
Concen: 36.683 ng
RT: 3.62 min Scan# 261
Delta R.T. 0.05 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.2	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 74.506 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tot Ion:	112	Resp:	828709
Ion Ratio	Lower	Upper	
112	100		
64	55.3	47.9	71.9
63	27.2	23.7	35.5

Instrument :

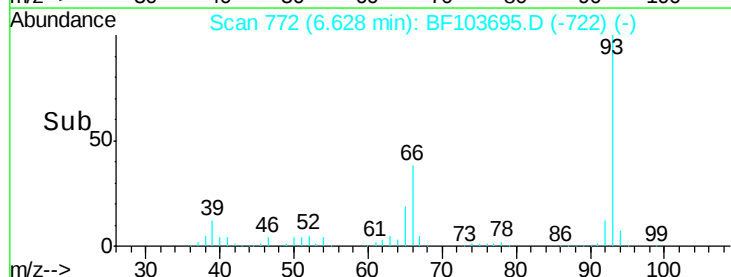
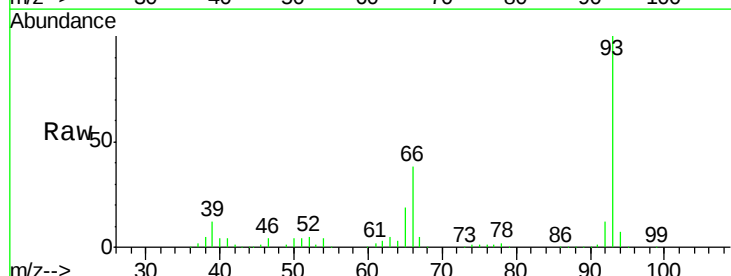
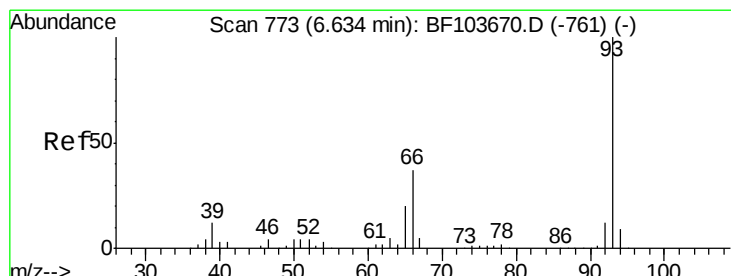
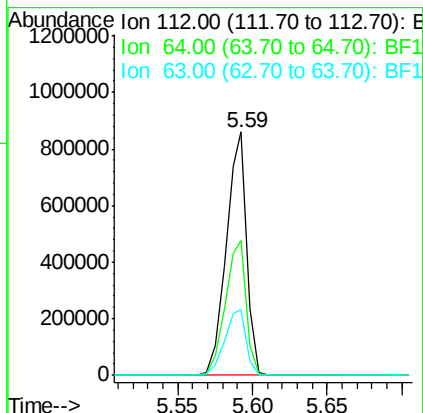
BNA_F

ClientSampleId :

PB107310BSD

Manual Integrations
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#6

Aniline

Concen: 21.006 ng

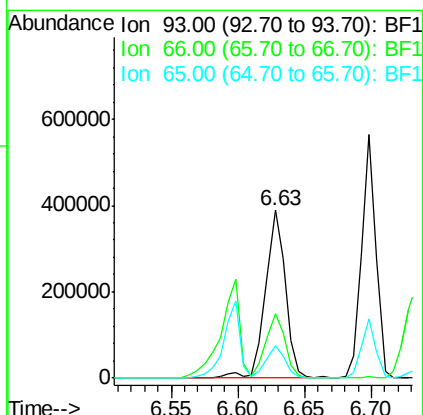
RT: 6.63 min Scan# 772

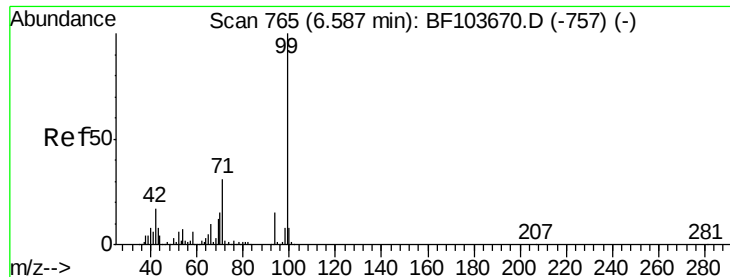
Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	93	Resp:	408161
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.2	48.2
65	19.4	16.4	24.6





#7

Phenol-d6

Concen: 75.316 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampled :

PB107310BSD

Tot Ion: 99 Resp: 1024888

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

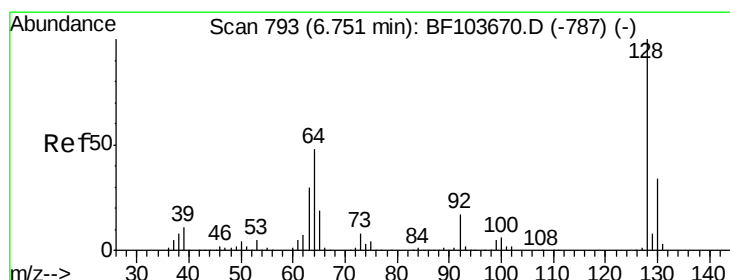
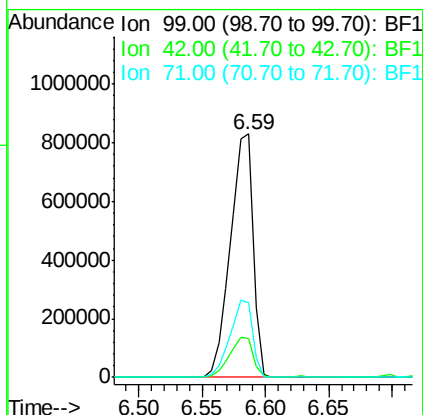
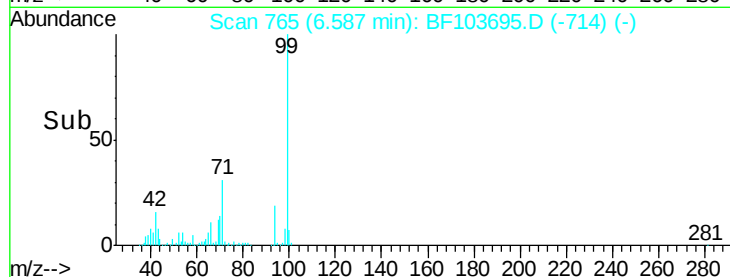
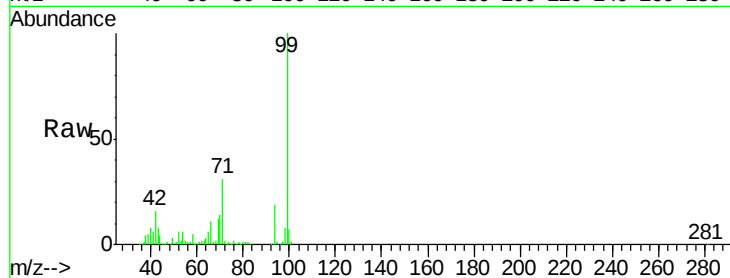
71 30.8 25.4 38.0

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#8

2-Chlorophenol

Concen: 37.275 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

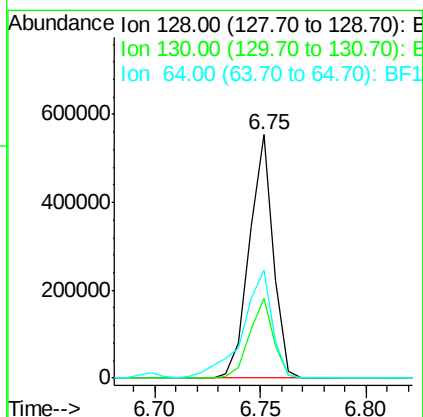
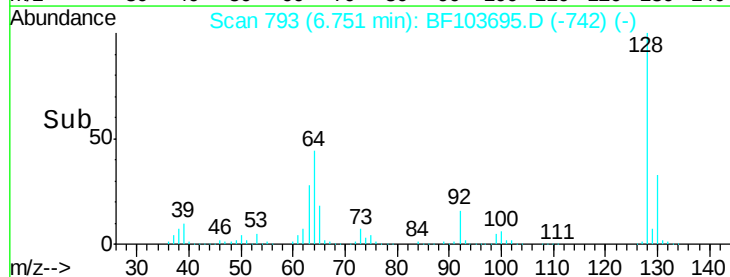
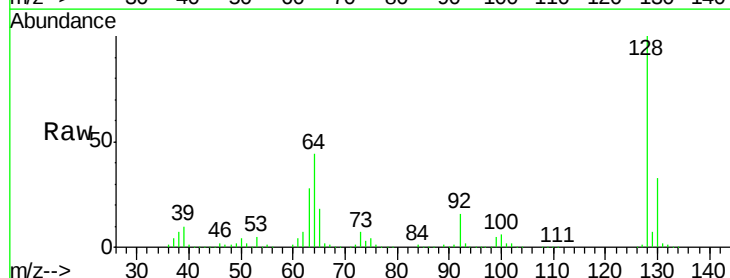
Tgt Ion: 128 Resp: 434317

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 44.3 29.4 69.4





#9

Benzaldehyde

Concen: 21.257 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

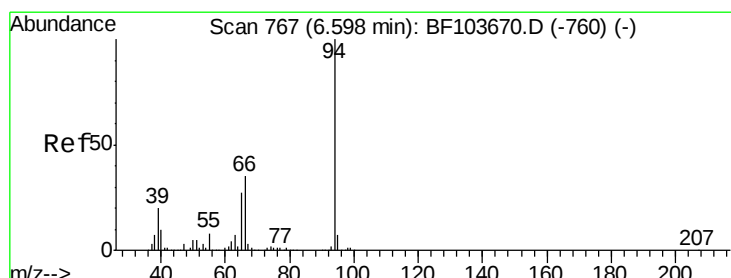
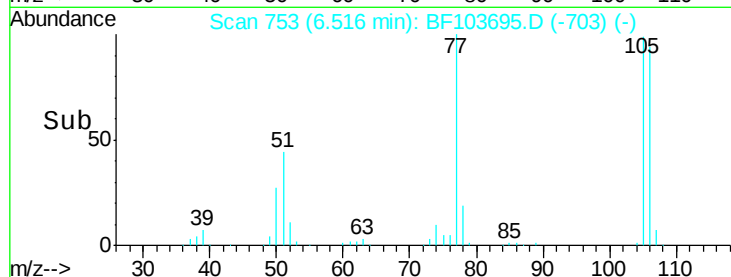
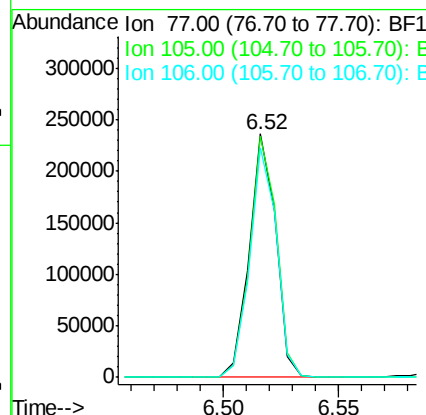
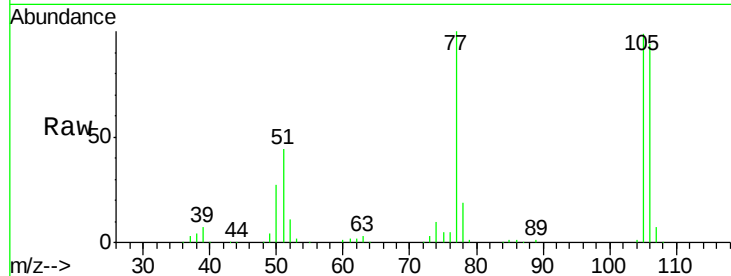
ClientSampleId :

PB107310BSD

Tot Ion:	77	Resp:	190038
Ion Ratio	Lower	Upper	
77	100		
105	98.8	81.1	121.1
106	94.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.287 ng

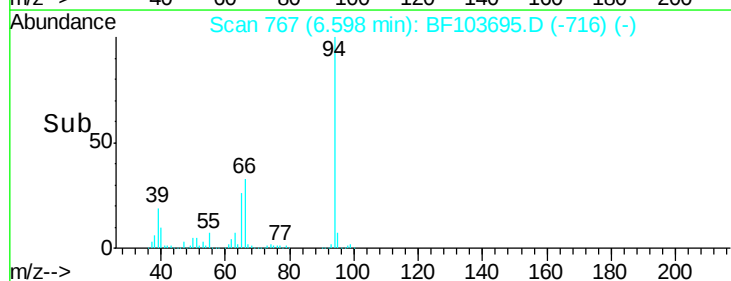
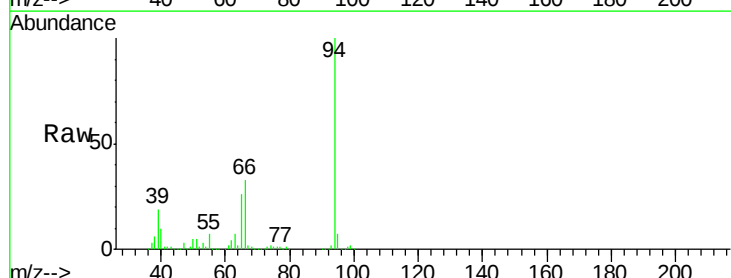
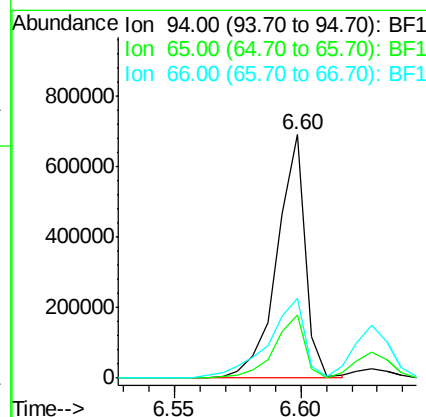
RT: 6.60 min Scan# 767

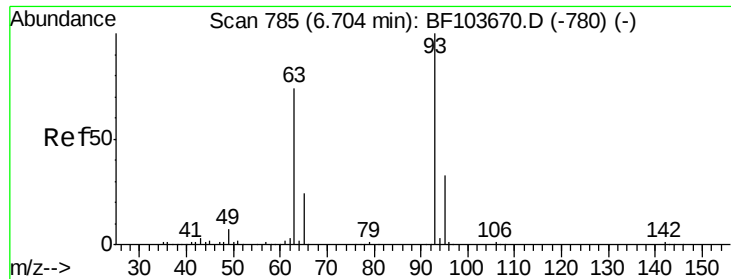
Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	94	Resp:	539164
Ion Ratio	Lower	Upper	
94	100		
65	25.7	7.9	47.9
66	33.0	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.073 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

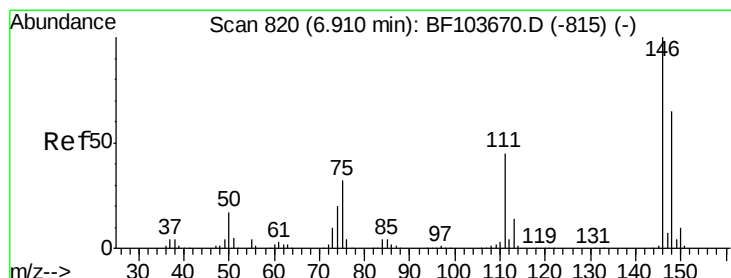
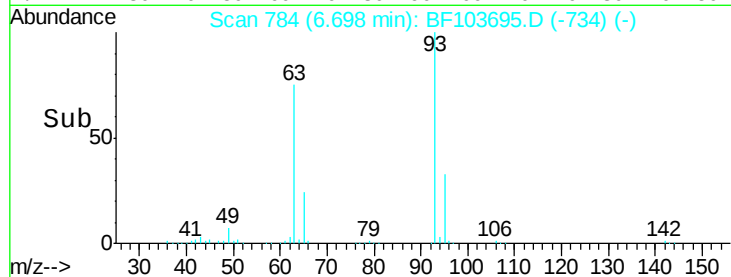
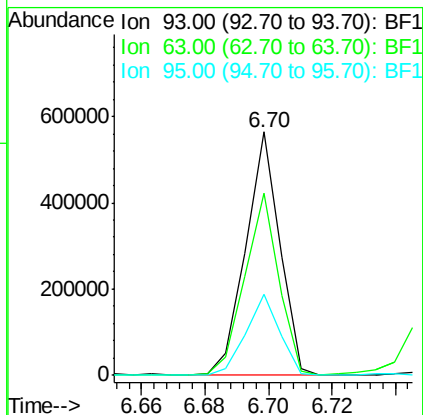
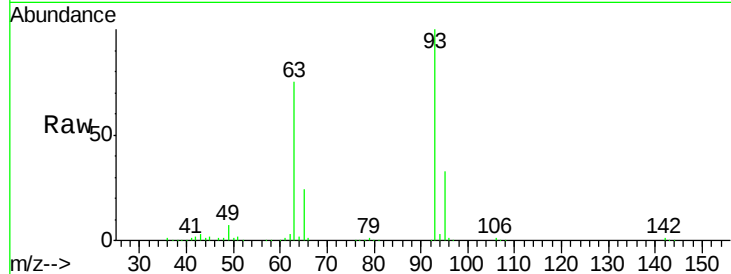
ClientSampleId :

PB107310BSD

Tot Ion:	93	Resp:	418668
Ion Ratio	Lower	Upper	
93	100		
63	74.7	58.6	98.6
95	33.0	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 33.397 ng

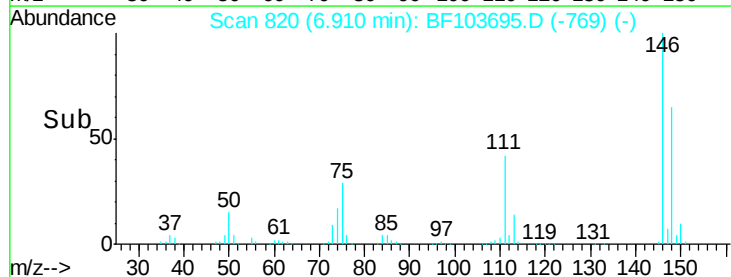
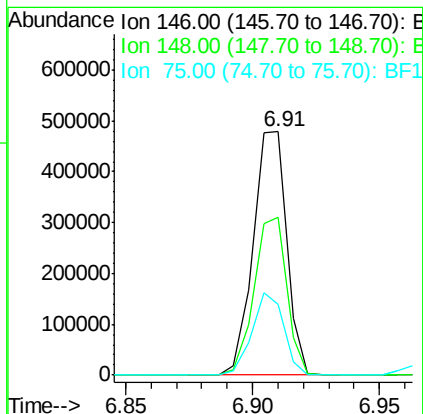
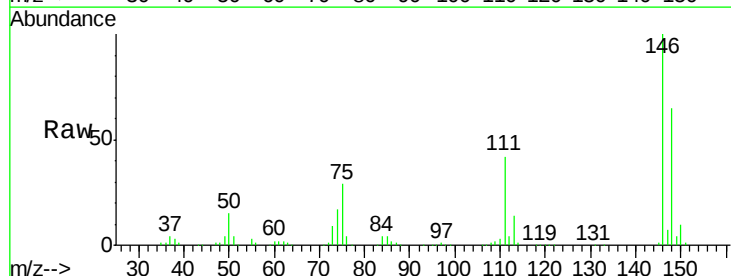
RT: 6.91 min Scan# 820

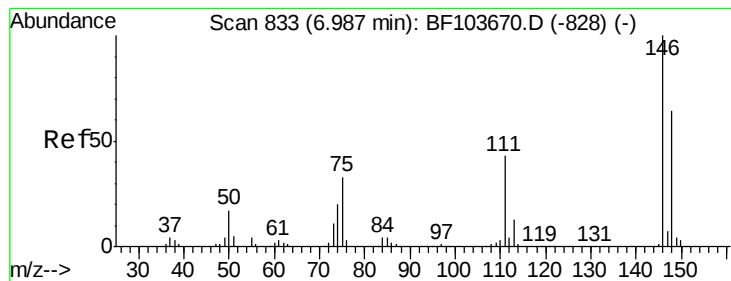
Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	146	Resp:	443198
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.8
75	29.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.261 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

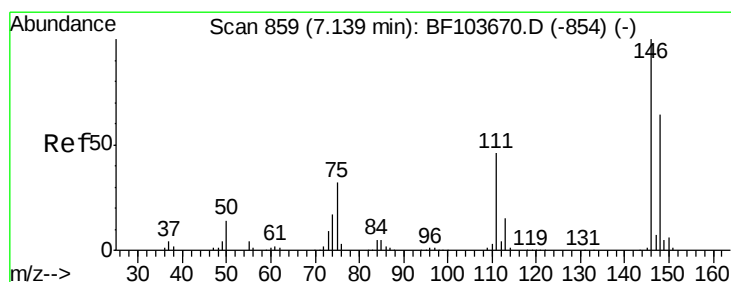
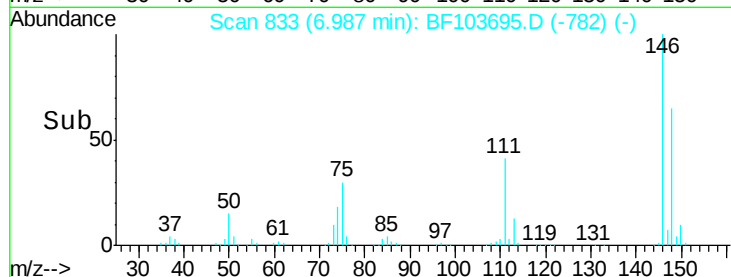
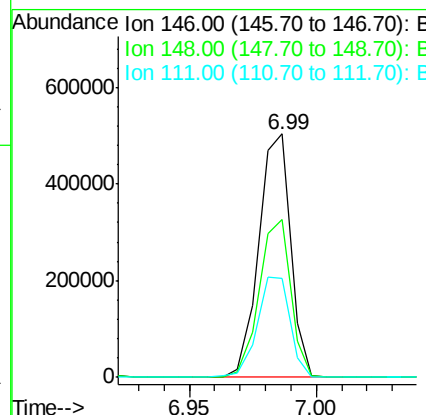
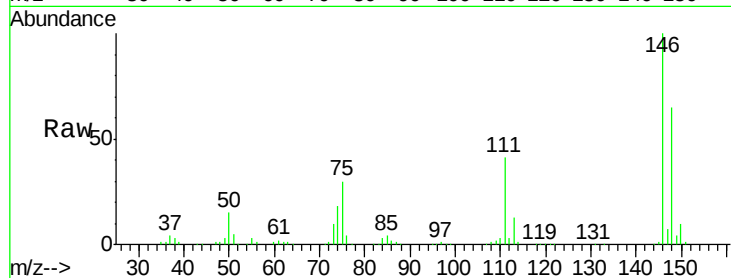
ClientSampleId :

PB107310BSD

Tot Ion:	146	Resp:	443546
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	40.6	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.866 ng

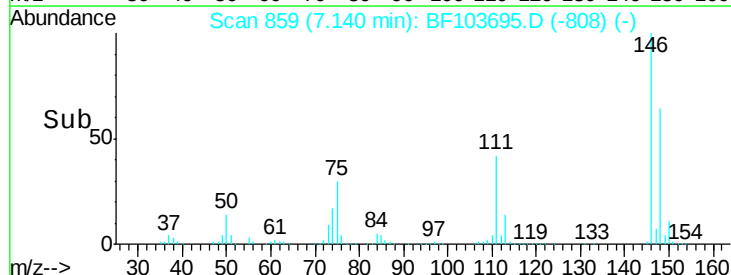
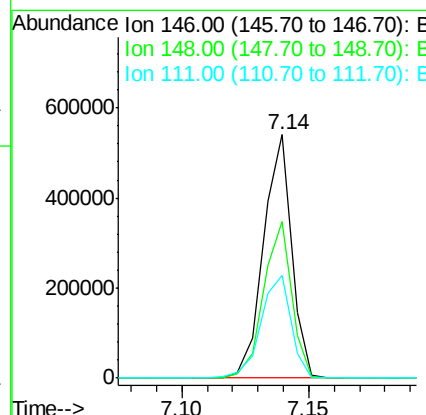
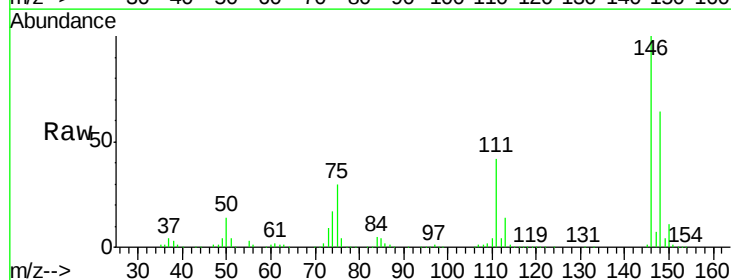
RT: 7.14 min Scan# 859

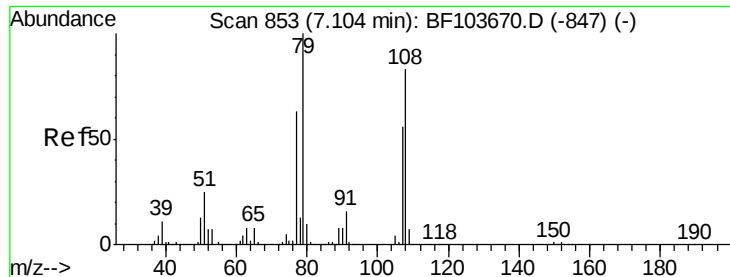
Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	146	Resp:	419071
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.035 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

PB107310BSD

Tot Ion: 79 Resp: 379938

Ion Ratio Lower Upper

79 100

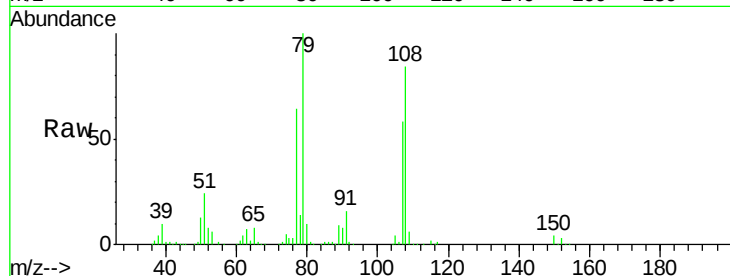
108 84.2 65.1 97.7

77 63.6 50.6 75.8

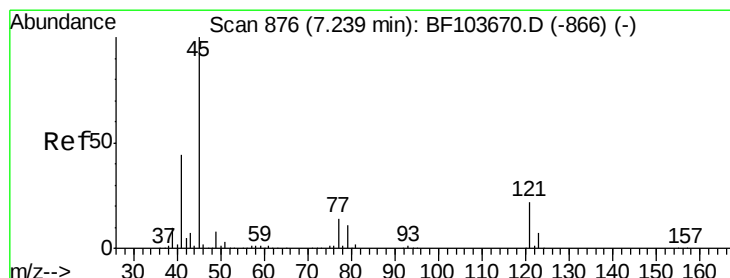
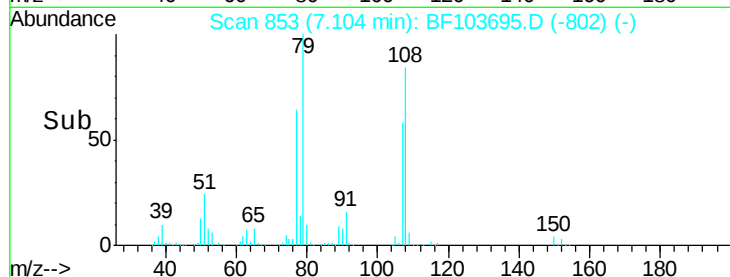
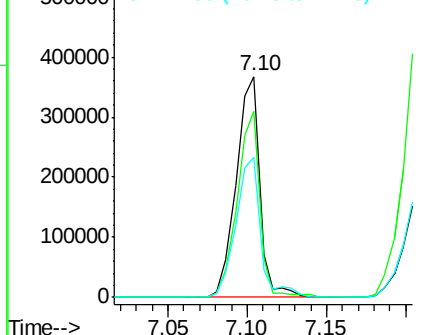
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.244 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

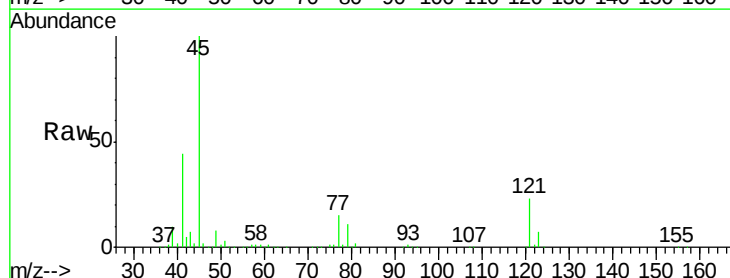
Tgt Ion: 45 Resp: 581394

Ion Ratio Lower Upper

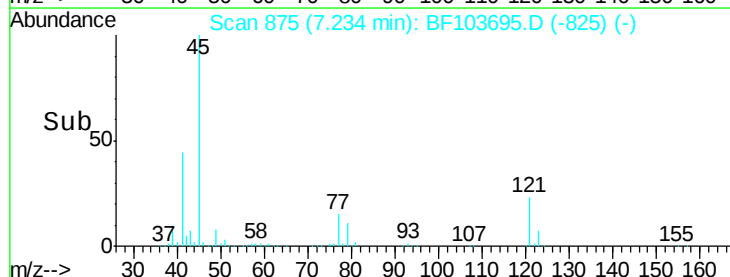
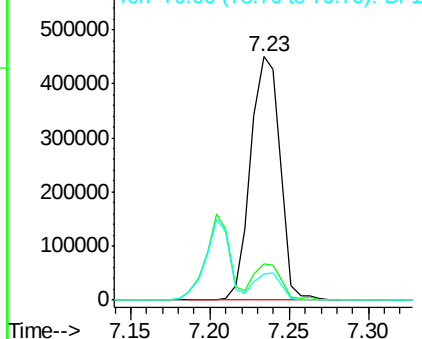
45 100

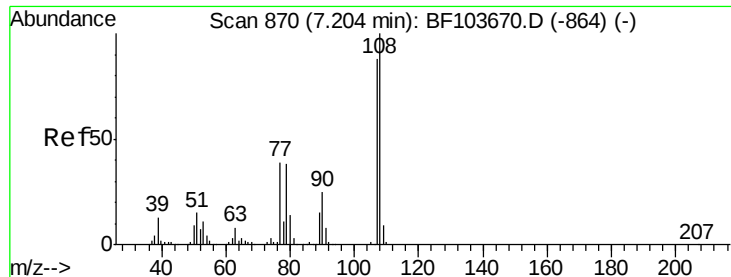
77 14.7 0.0 32.9

79 10.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.013 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

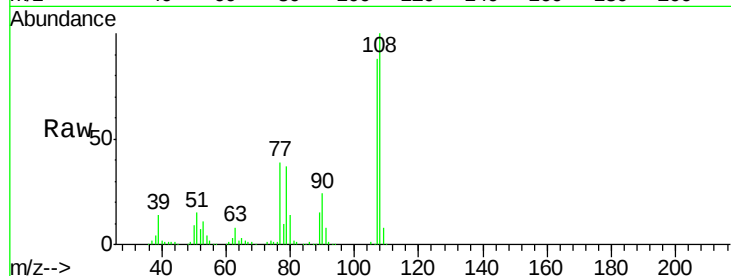
ClientSampleId :

PB107310BSD

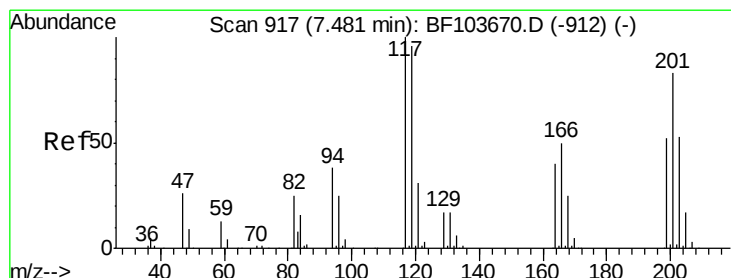
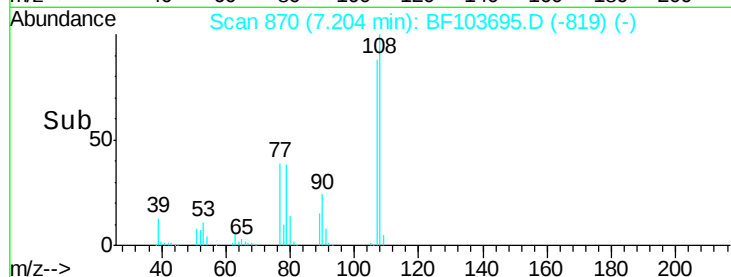
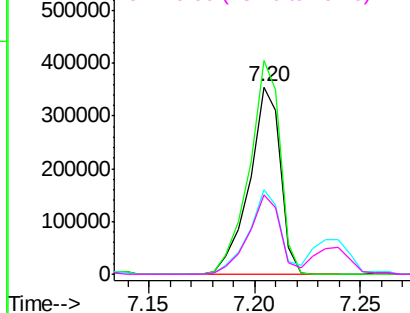
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.7	137.5	
77	44.8	33.8	50.8	
79	42.5	33.8	50.8	

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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: 35.493 ng

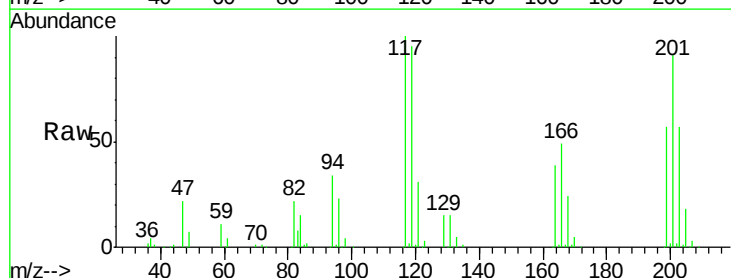
RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

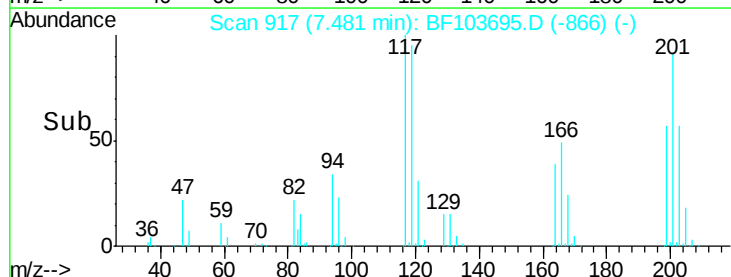
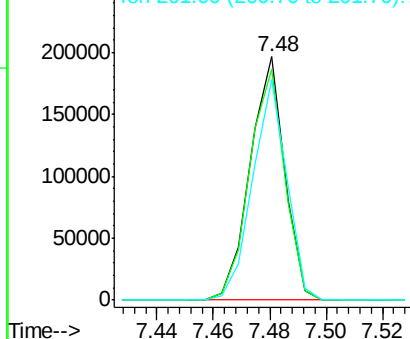
Lab File: BF103695.D

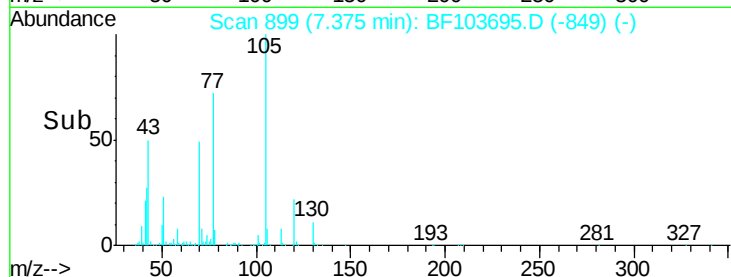
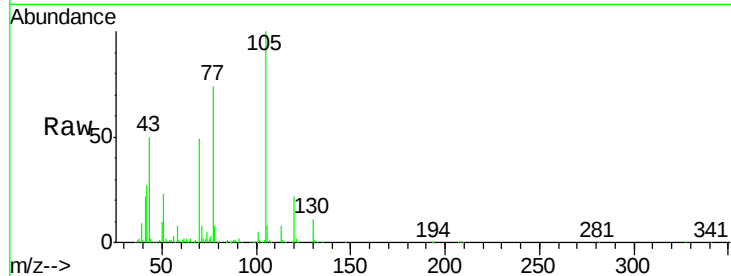
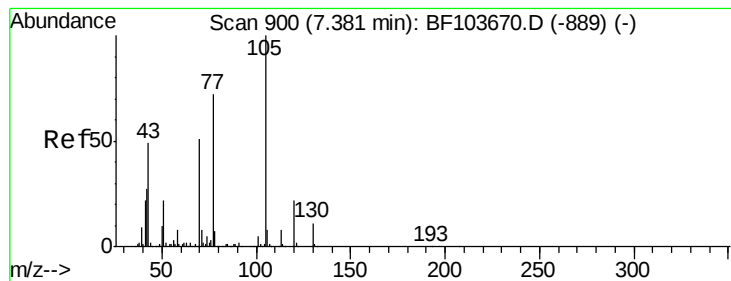
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.8	113.8	
201	90.6	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: 33.921 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

PB107310BSD

Tot Ion: 70 Resp: 295821

Ion Ratio Lower Upper

70 100

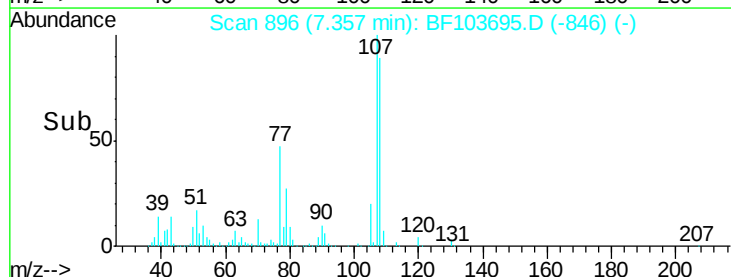
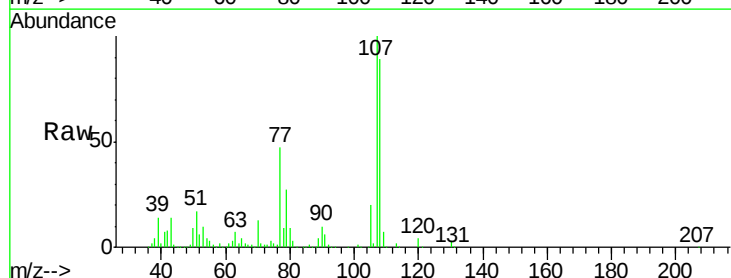
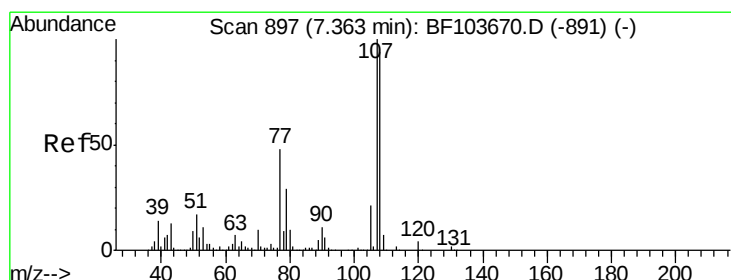
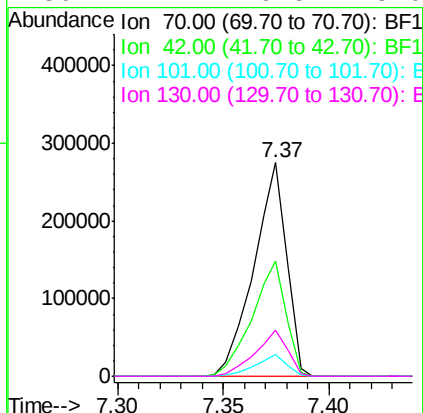
42 54.2 47.5 71.3

101 10.0 7.4 11.2

130 21.7 16.6 25.0

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#20

3+4-Methylphenols

Concen: 34.779 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:107 Resp: 457977

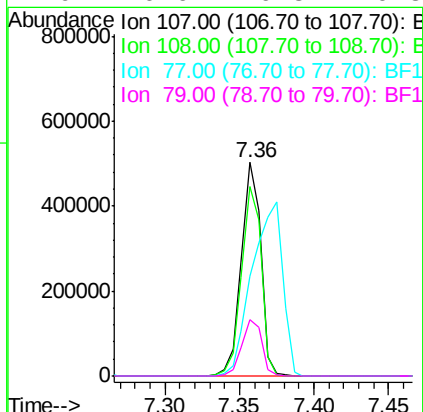
Ion Ratio Lower Upper

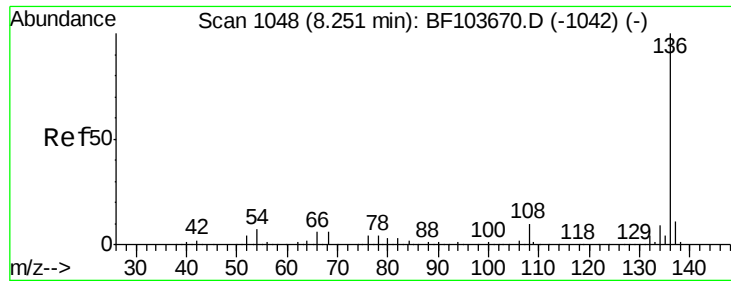
107 100

108 88.5 68.2 108.2

77 46.6 26.7 66.7

79 26.6 6.3 46.3





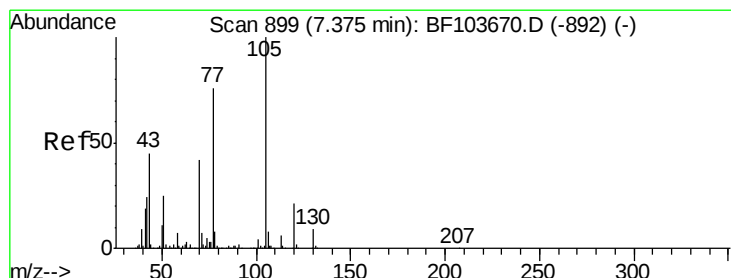
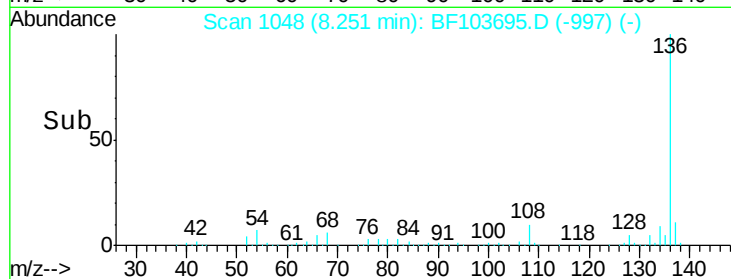
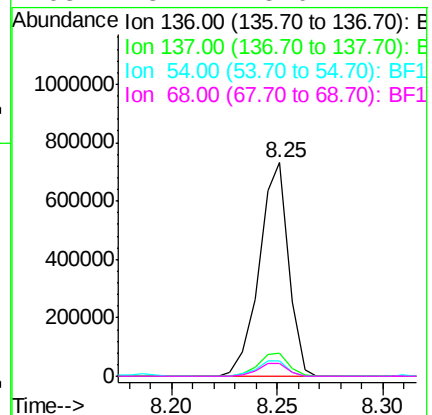
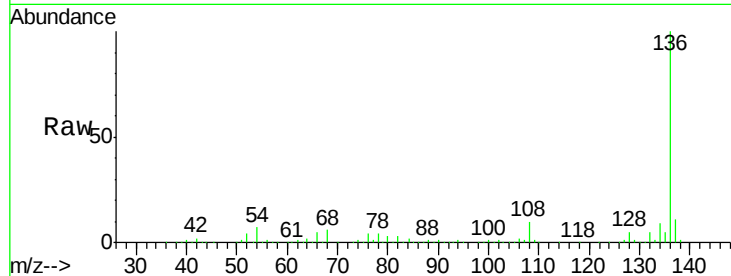
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		705743		
137	11.0		8.9	13.3	
54	7.3		6.6	9.8	
68	5.7		5.0	7.4	

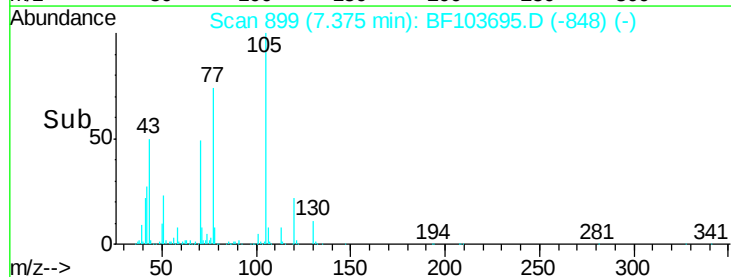
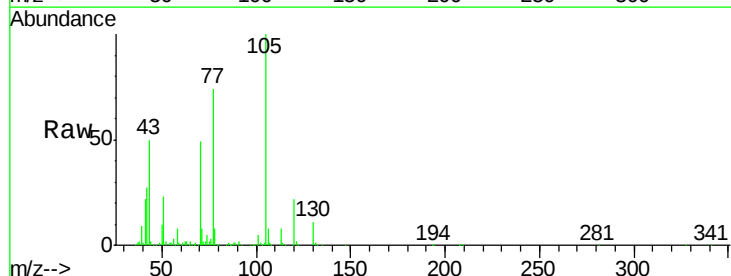
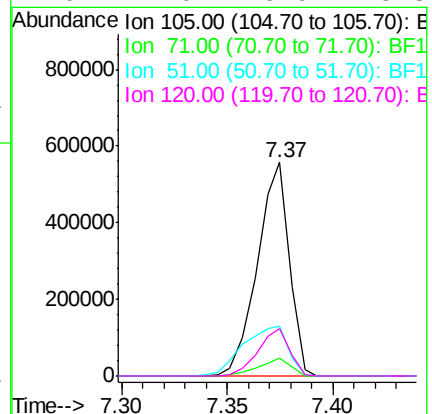
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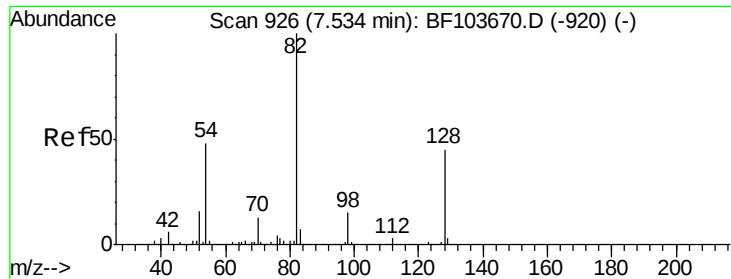
Sohil
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#22
Acetophenone
Concen: 32.261 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		585147		
71	8.3		4.4	6.6#	
51	23.3		22.3	33.5	
120	22.0		16.9	25.3	





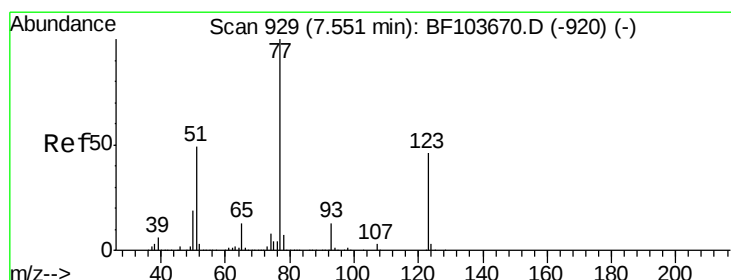
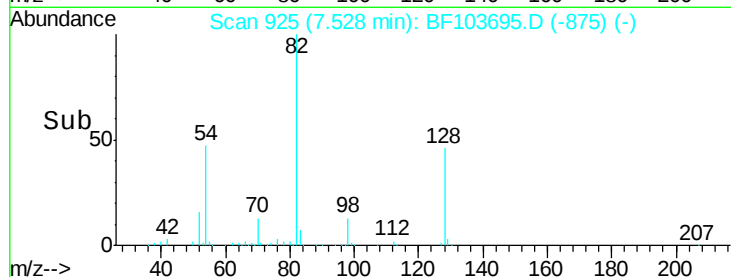
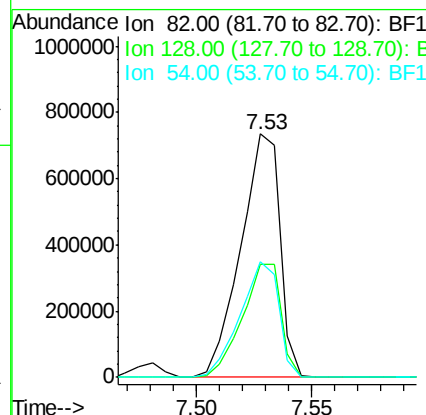
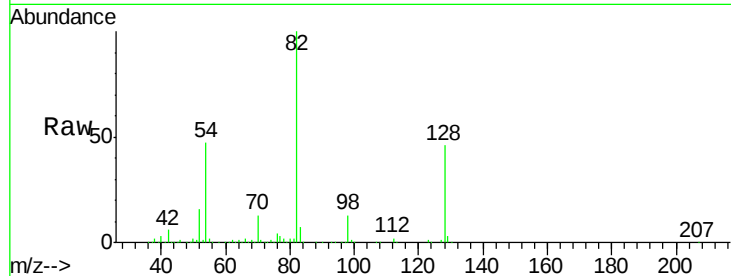
#23
 Nitrobenzene-d5
 Concen: 86.092 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	47.4	41.4	62.2

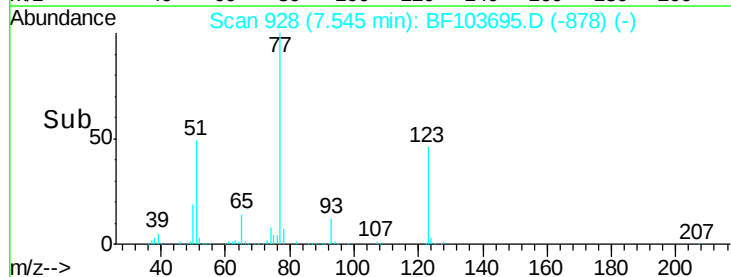
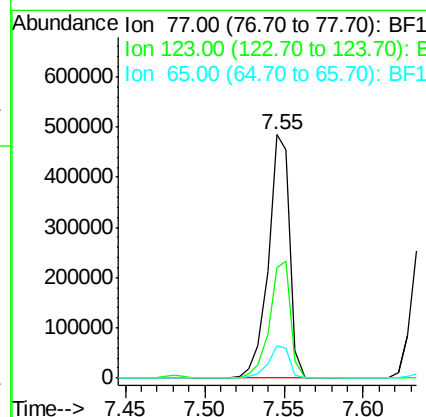
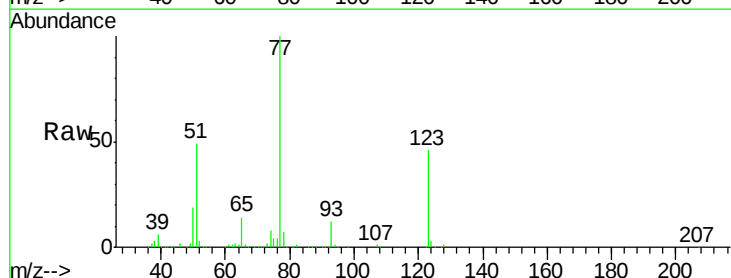
Manual Integrations
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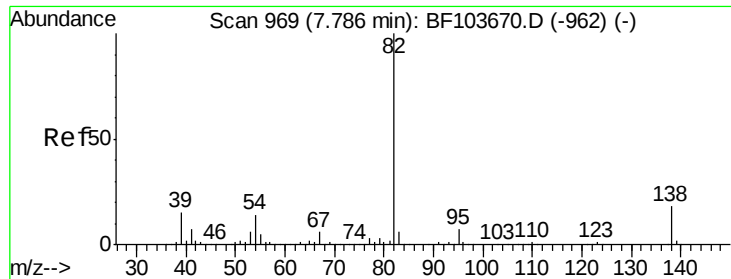
Sohil
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#24
 Nitrobenzene
 Concen: 38.566 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 36.452 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

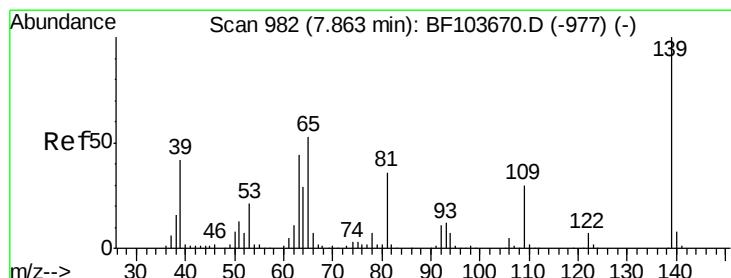
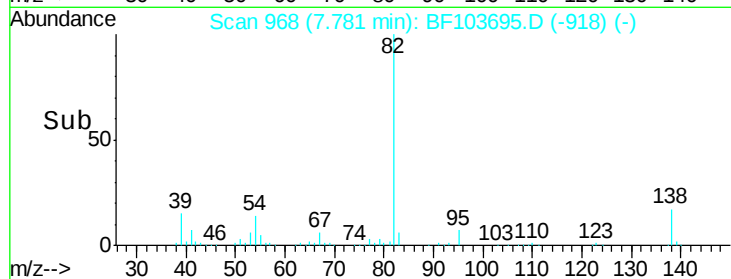
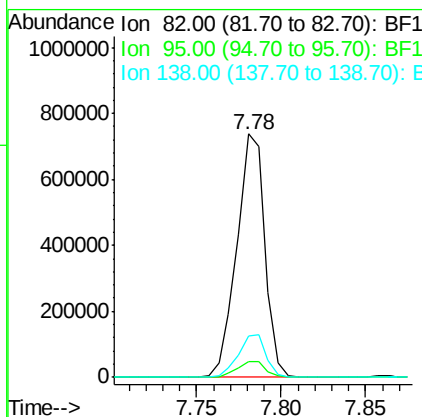
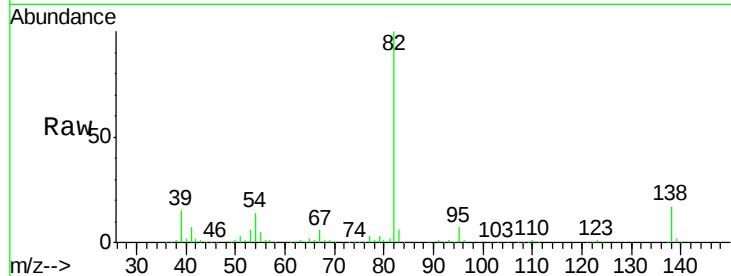
ClientSampleId :

PB107310BSD

Tot Ion:	82	Resp:	853977
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	16.9	14.9	22.3

Manual Integrations
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3/19/2018 2:00:48 PM



#26

2-Nitrophenol

Concen: 47.186 ng

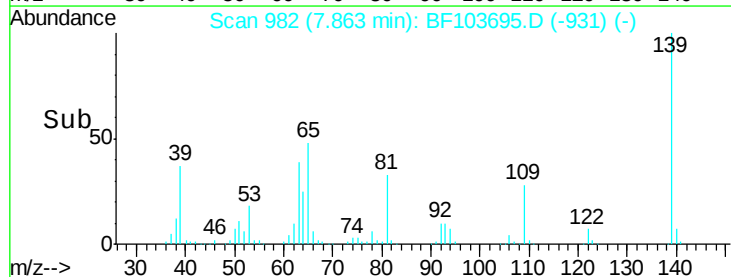
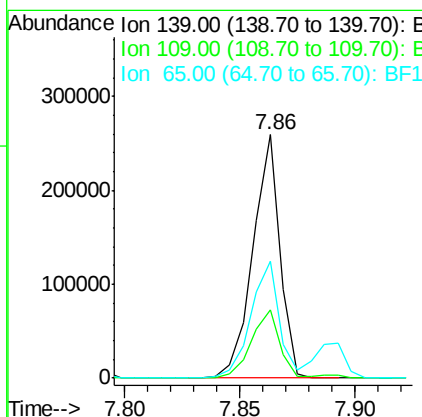
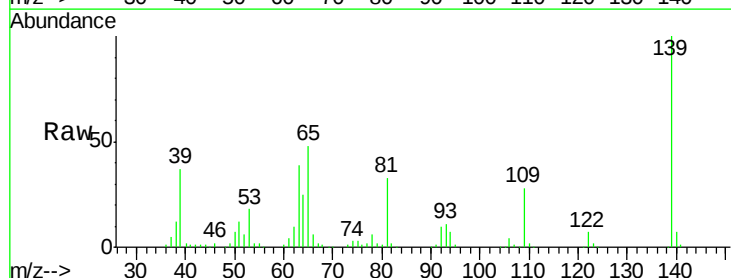
RT: 7.86 min Scan# 982

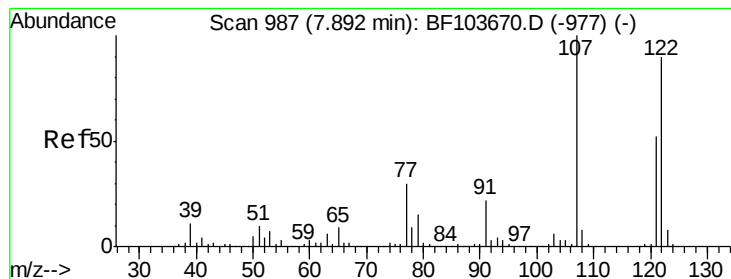
Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	139	Resp:	212396
Ion Ratio		Lower	Upper
139	100		
109	28.1	22.7	34.1
65	48.0	40.5	60.7





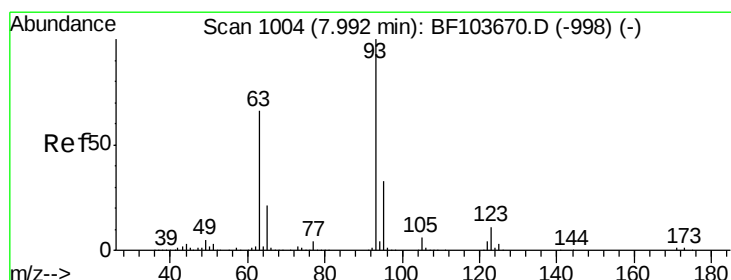
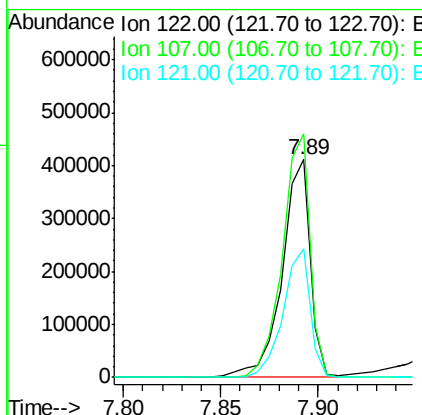
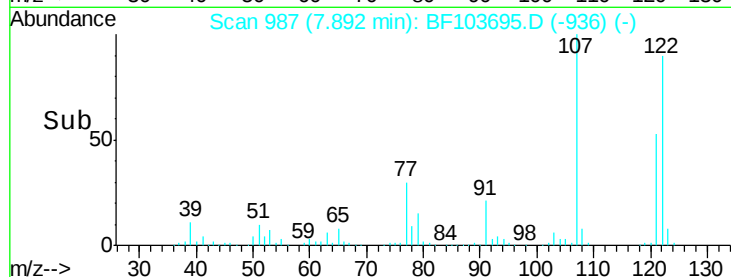
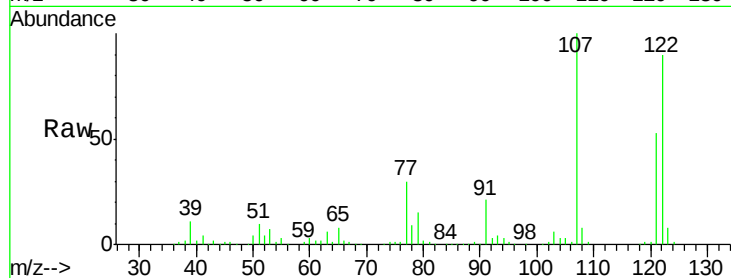
#27
2,4-Dimethylphenol
Concen: 41.173 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	91.2	136.8
121	58.8	47.2	70.8

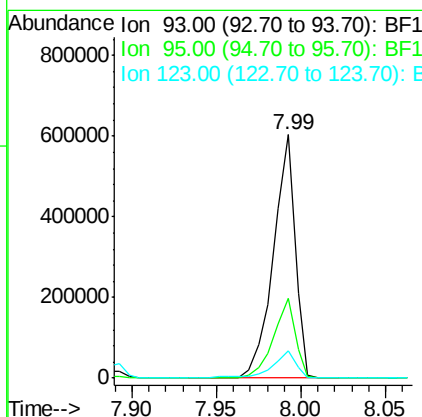
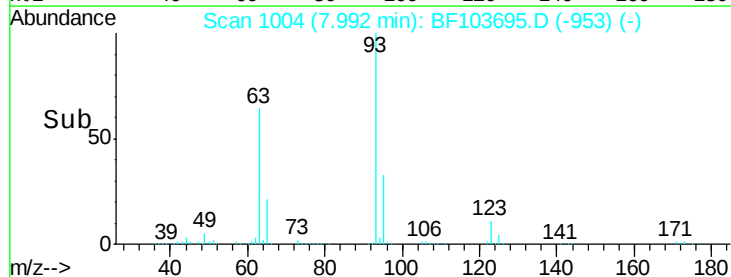
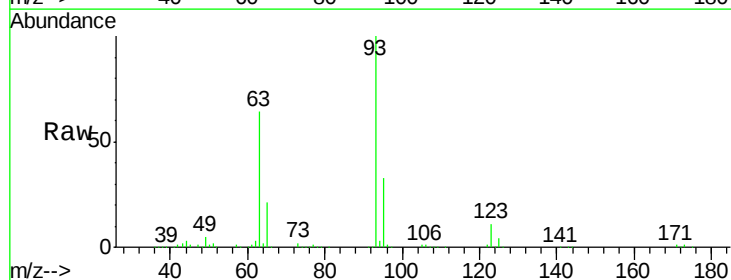
Manual Integrations
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3/19/2018 2:00:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.997 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.2	9.8	14.6





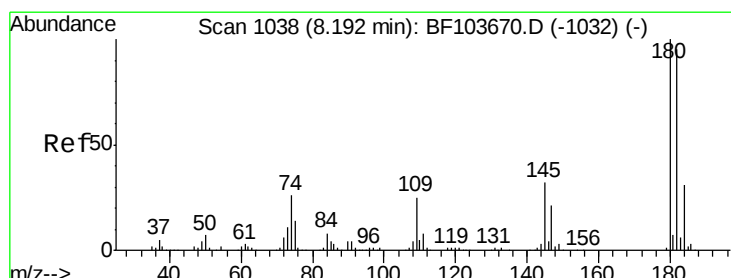
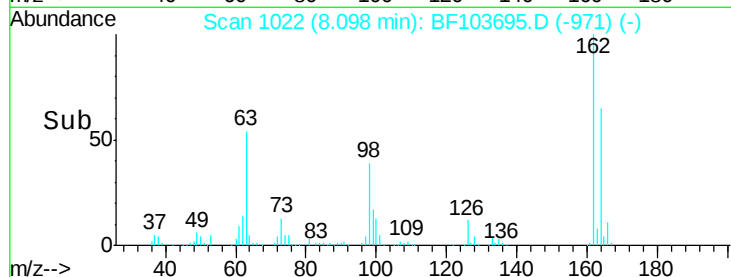
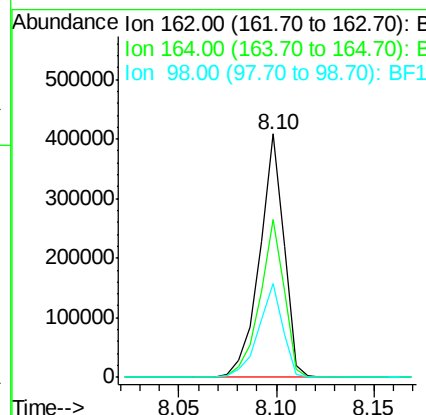
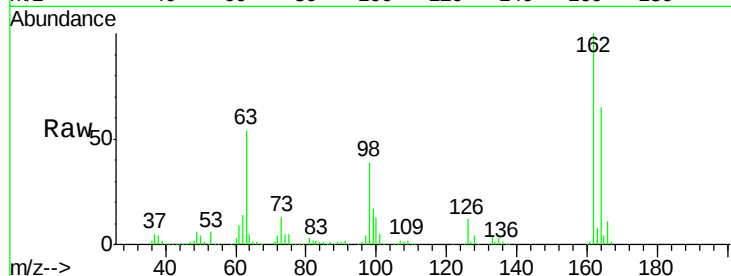
#29
 2,4-Dichlorophenol
 Concen: 38.677 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.9	42.7	82.7	
98	38.7	18.1	58.1	

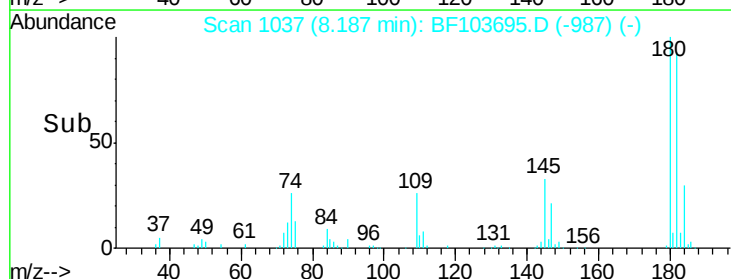
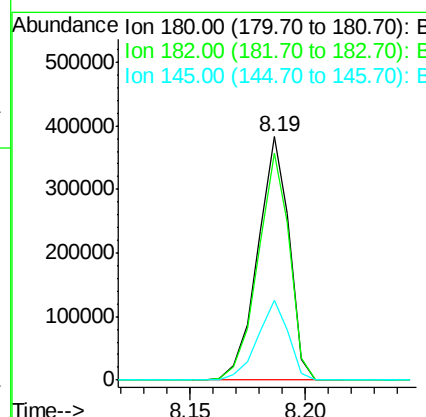
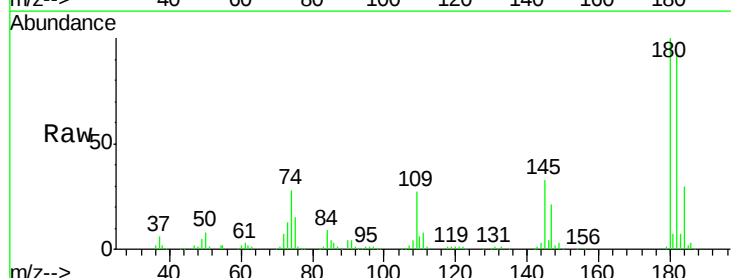
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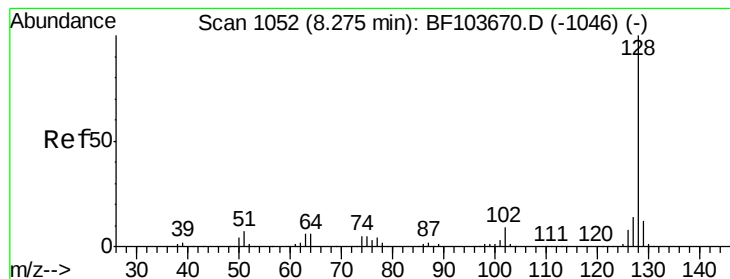
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.151 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.2	76.8	115.2	
145	32.5	26.5	39.7	





#31

Naphthalene

Concen: 34.165 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

PB107310BSD

Tot Ion:128 Resp: 1218015

Ion Ratio Lower Upper

128 100

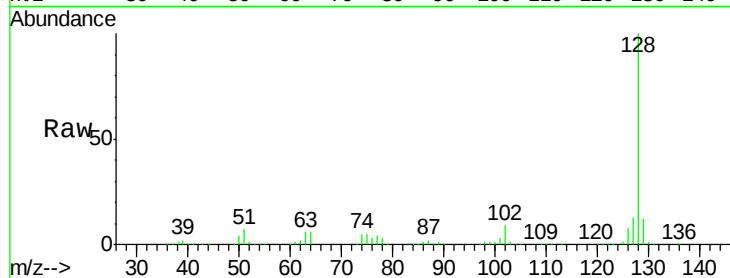
129 11.6 8.8 13.2

127 13.3 10.9 16.3

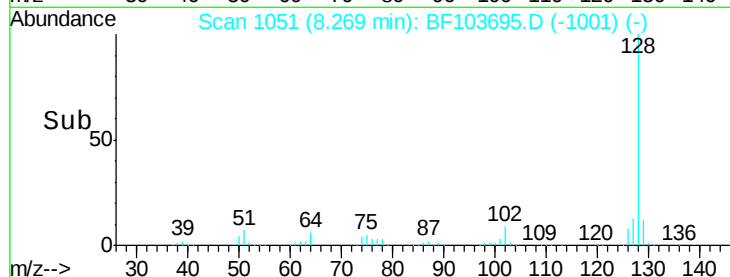
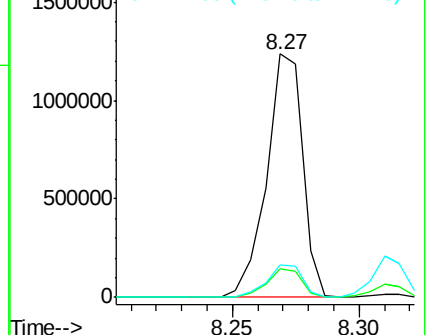
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.127 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

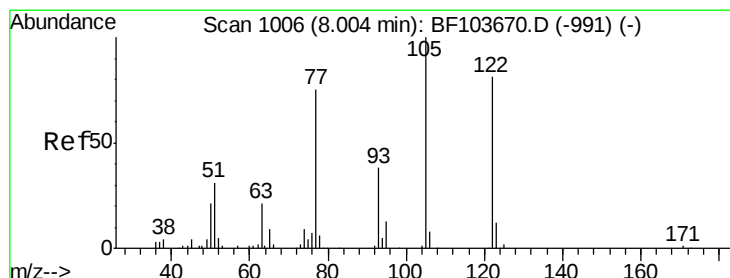
Tgt Ion:122 Resp: 100136

Ion Ratio Lower Upper

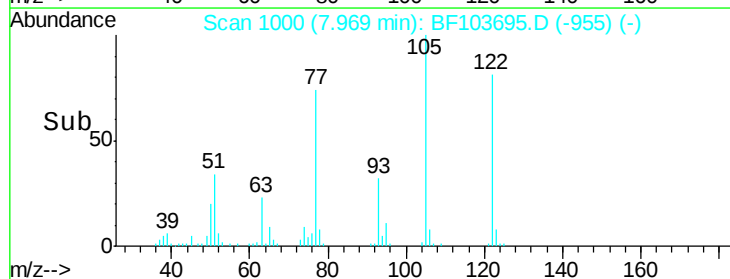
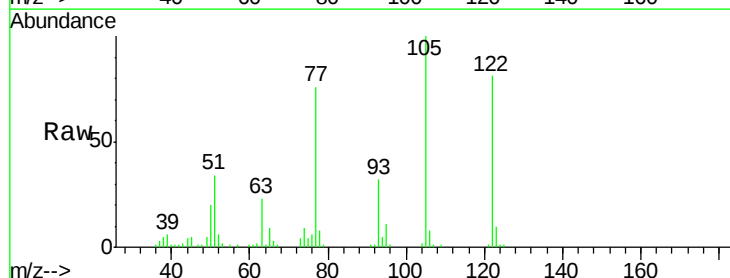
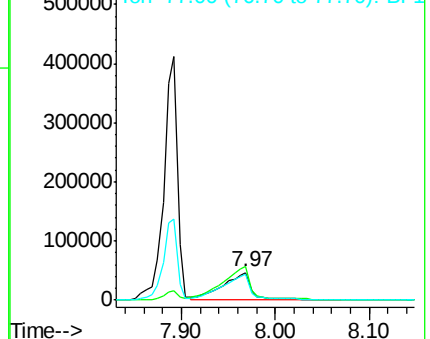
122 100

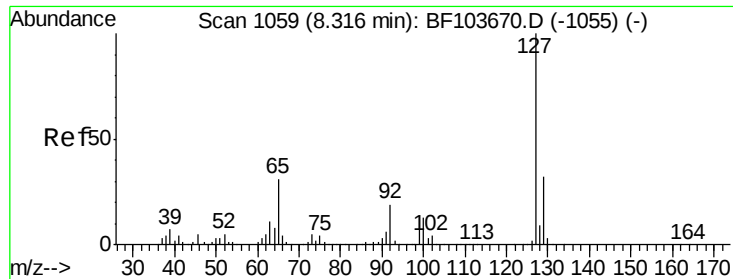
105 123.1 101.1 141.1

77 93.6 70.7 110.7



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





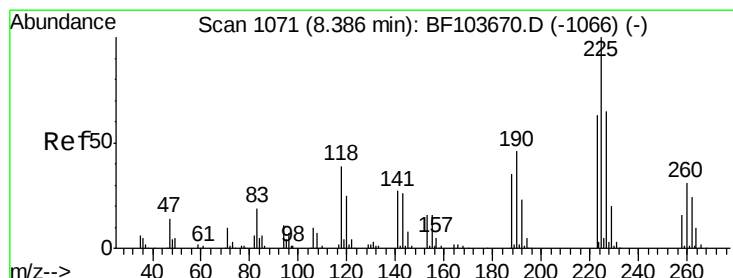
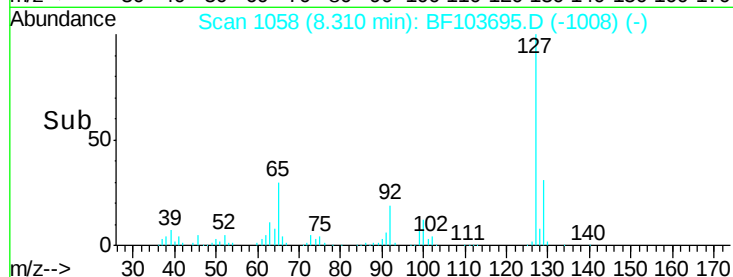
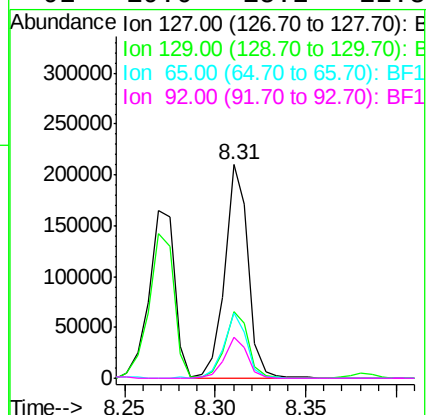
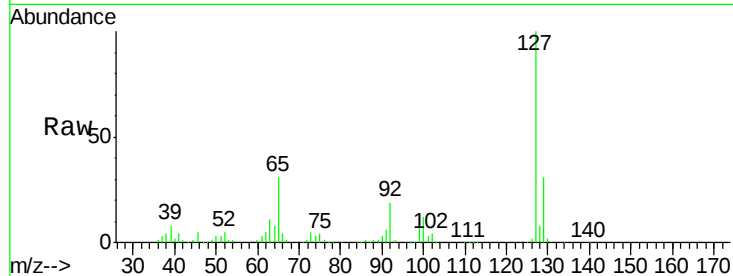
#33
 4-Chloroaniline
 Concen: 12.527 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	30.5	25.0	37.4		
92	19.0	15.2	22.8		

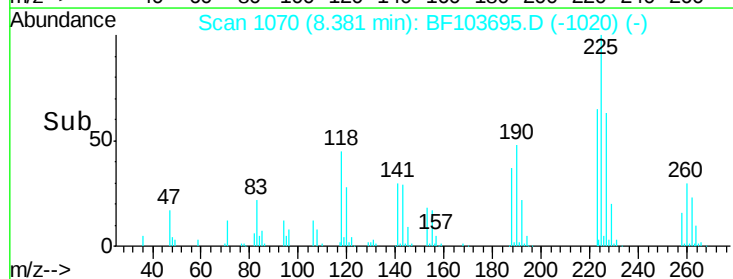
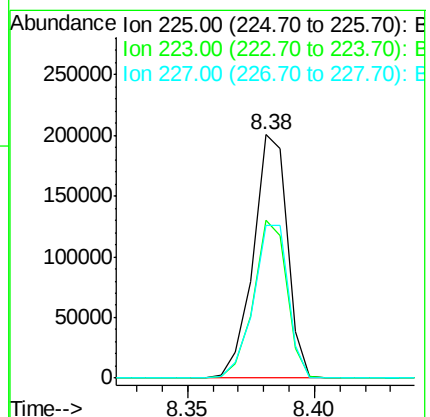
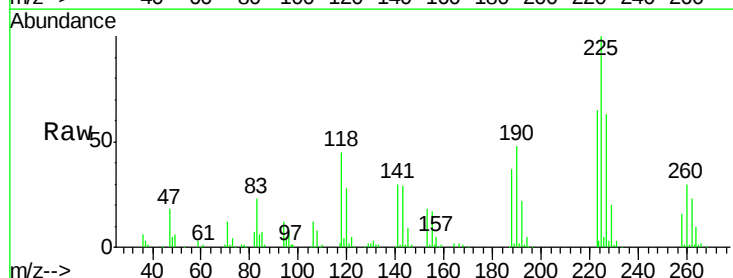
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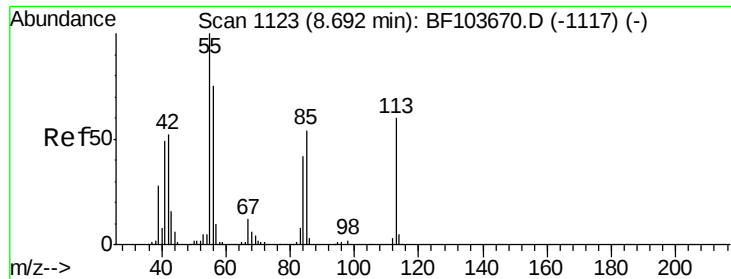
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#34
 Hexachlorobutadiene
 Concen: 32.407 ng
 RT: 8.38 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9	50.6	76.0		
227	62.9	51.9	77.9		





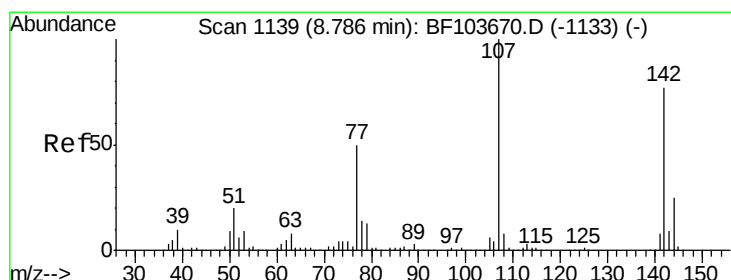
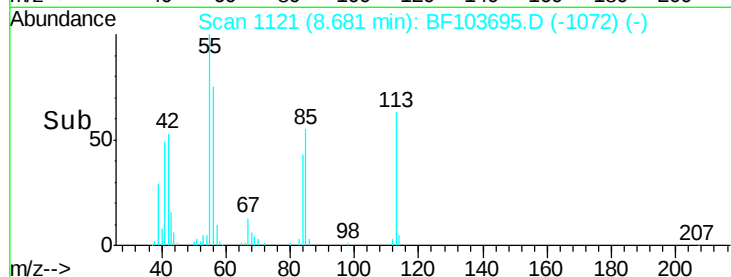
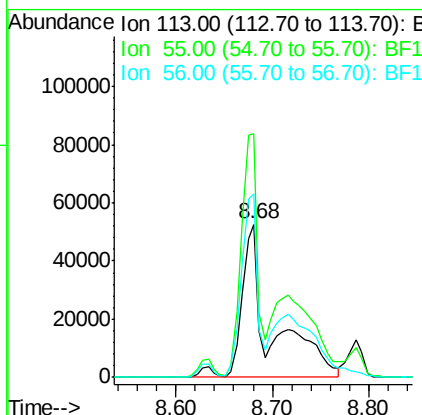
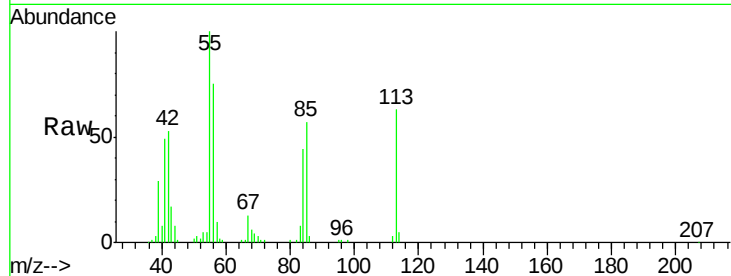
#35
 Caprolactam
 Concen: 35.659 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.3	163.3	203.3#
56	120.2	115.7	155.7

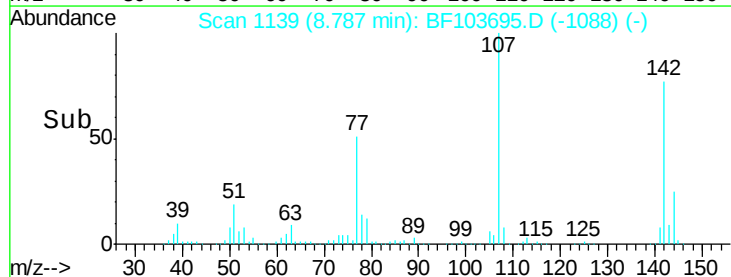
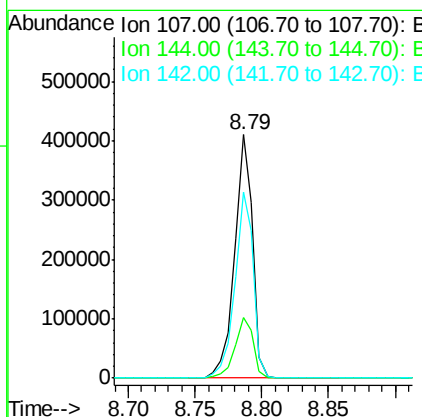
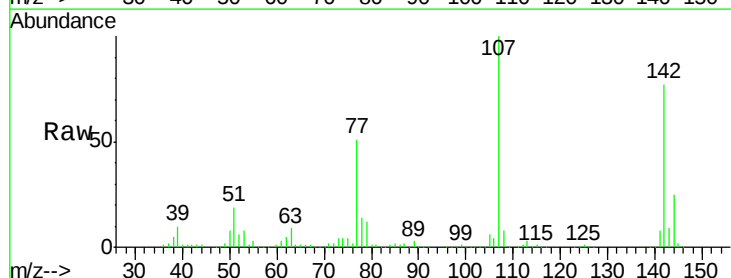
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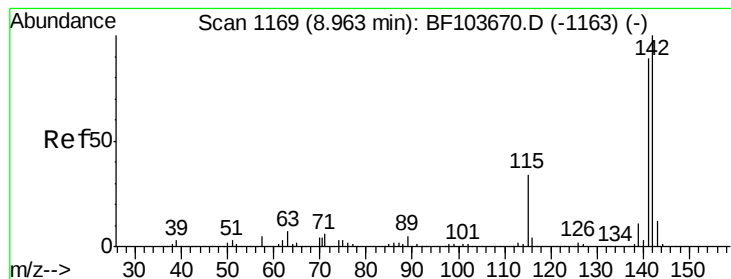
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 38.679 ng/ml
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	76.5	62.0	93.0





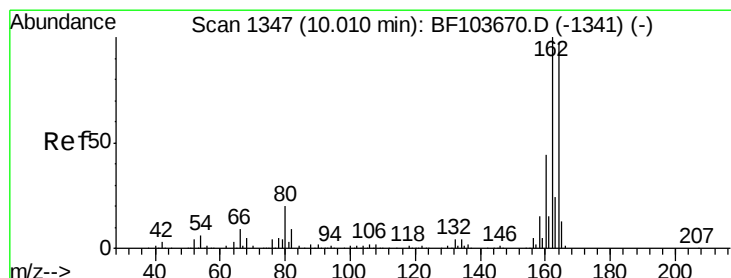
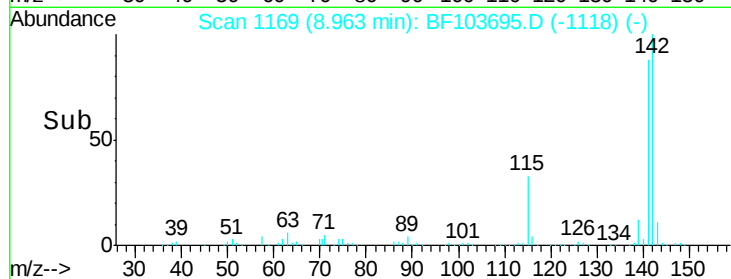
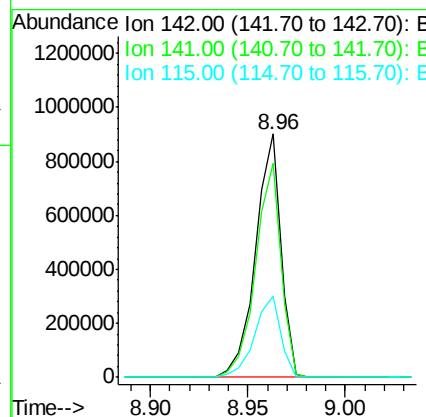
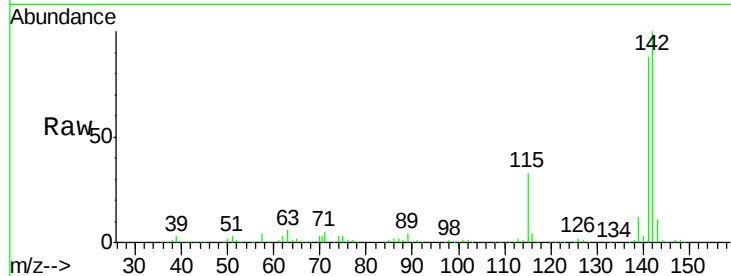
#37
2-Methylnaphthalene
Concen: 35.848 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	33.5	26.1	39.1

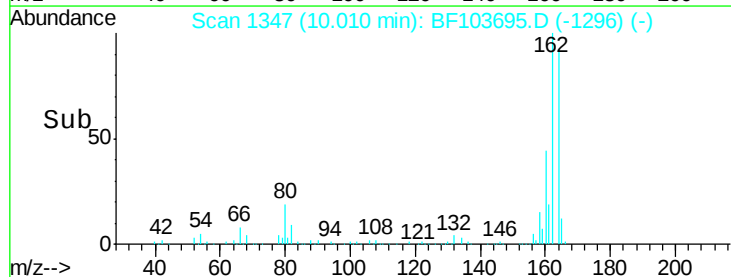
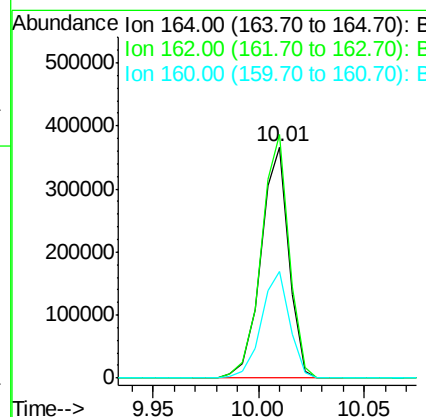
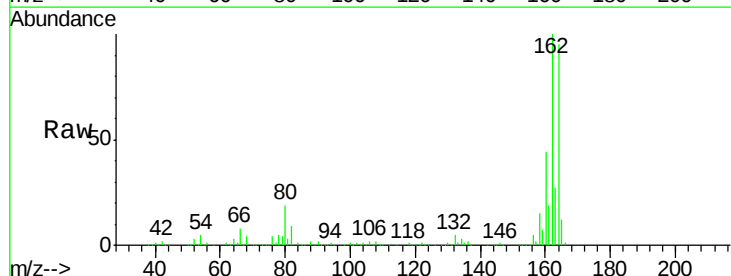
Manual Integrations
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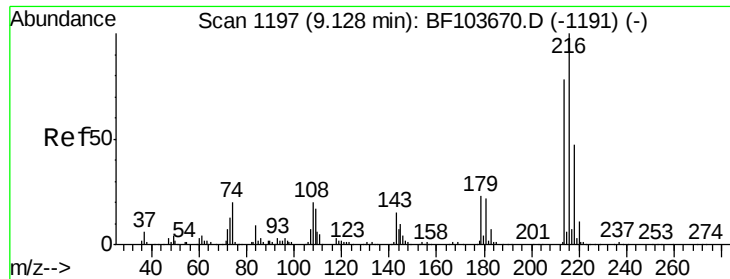
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.2	38.3	57.5





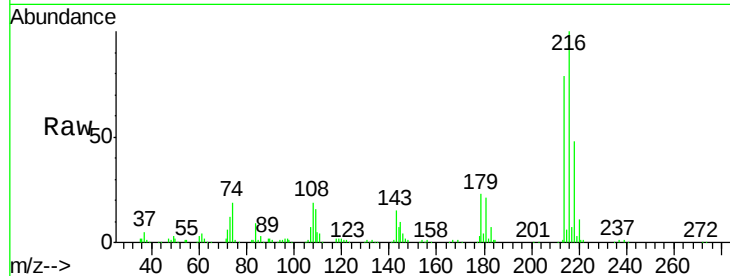
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.917 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

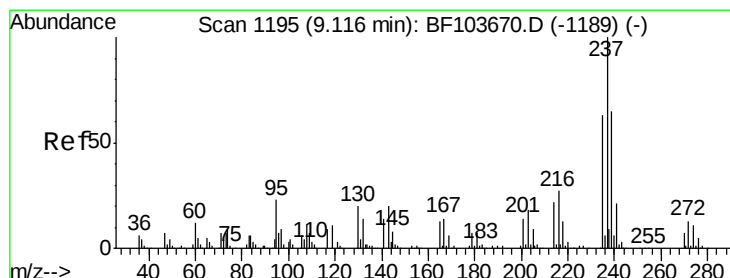
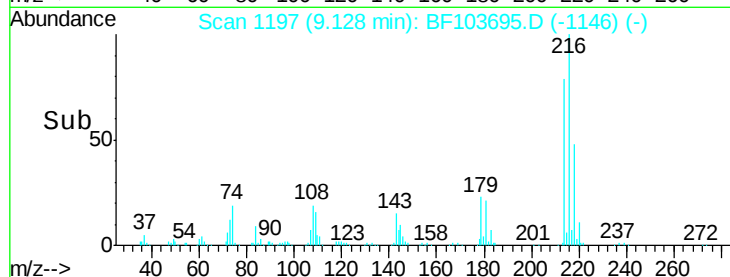
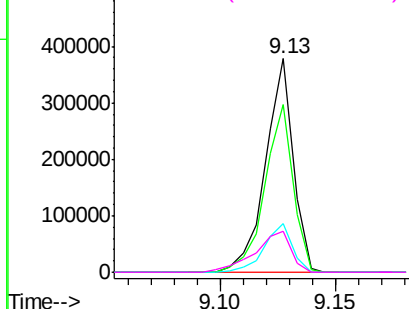
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.0	94.4	
179	23.0	18.1	27.1	
108	25.0	17.2	25.8	

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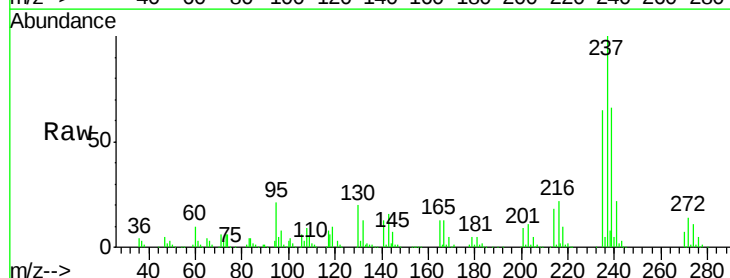


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

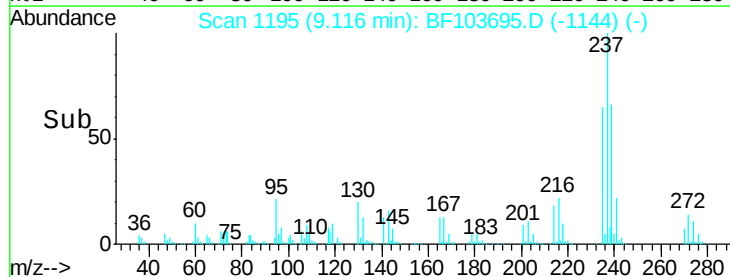
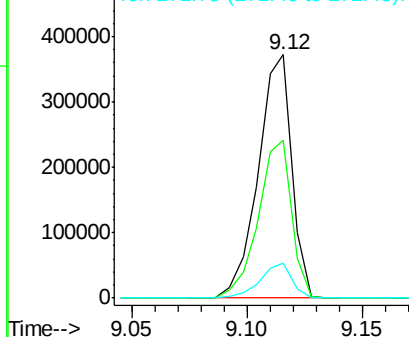


#40
 Hexachlorocyclopentadiene
 Concen: 76.190 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.8	44.8	84.8	
272	14.1	0.0	33.3	



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





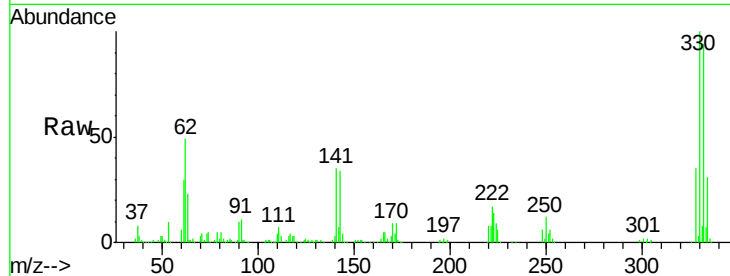
#41
 2,4,6-Tribromophenol
 Concen: 85.044 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

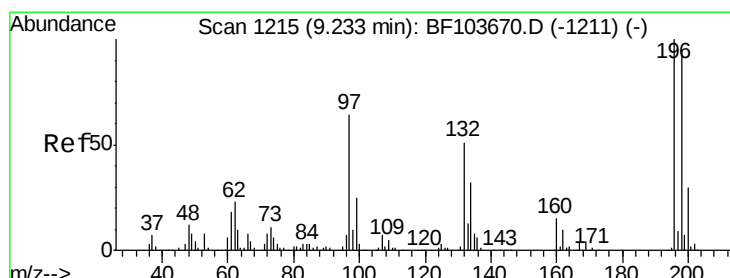
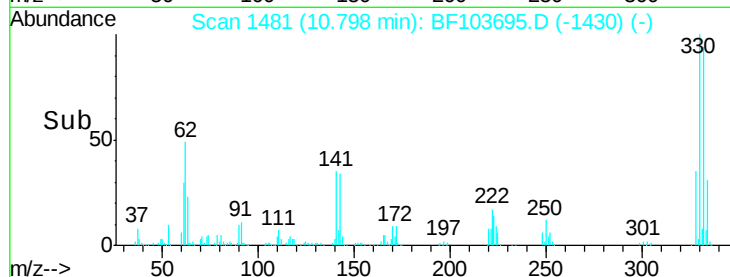
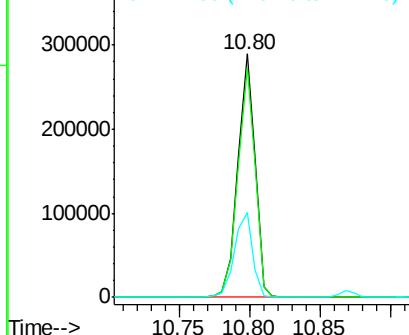
Tot Ion	Ratio	Resp	Lower	Upper
330	100	246223		
332	94.7	77.0	115.6	
141	36.9	29.9	44.9	

Manual Integrations
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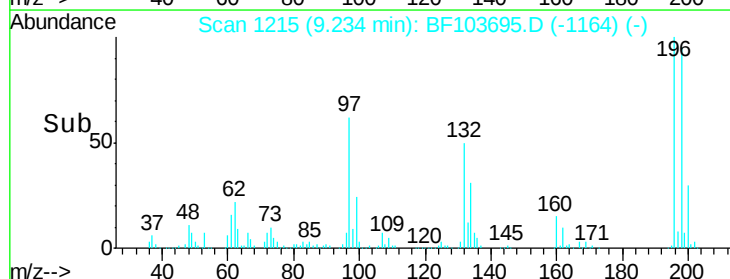
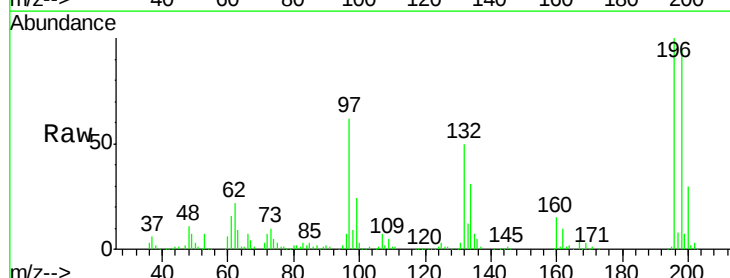
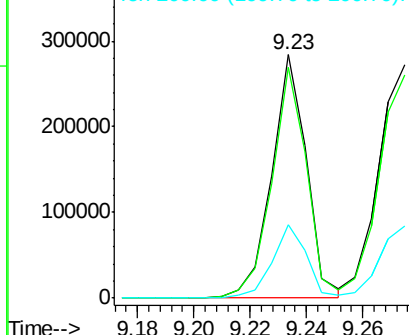
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.320 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241609		
198	95.0	75.7	113.5	
200	29.9	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





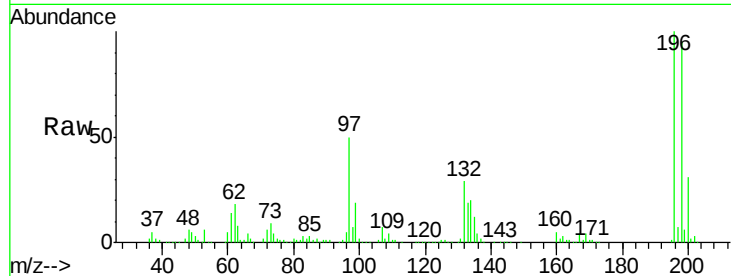
#43
2,4,5-Trichlorophenol
Concen: 37.279 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	258543		
198	95.3	74.6	112.0	
97	49.9	42.9	64.3	
132	29.0	26.3	39.5	

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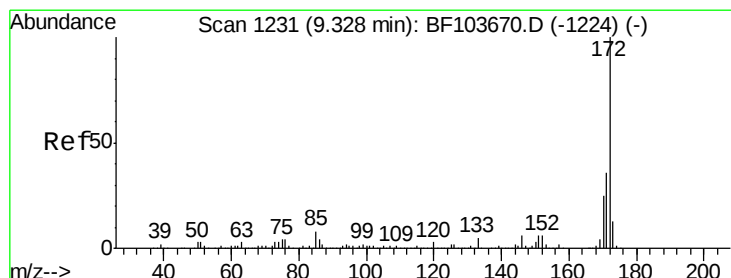
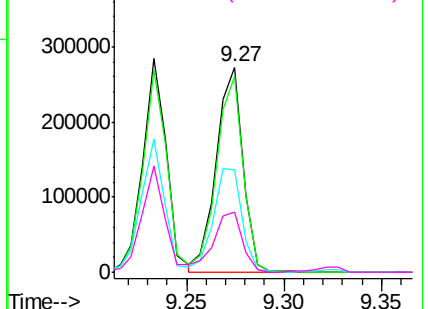
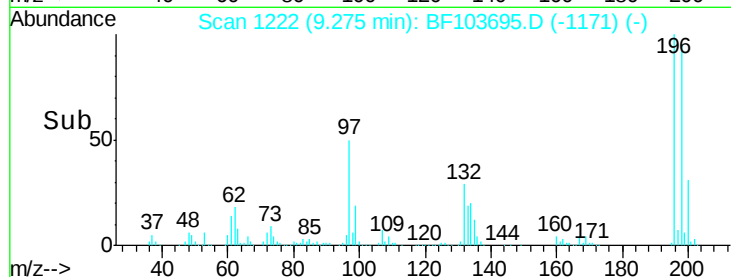
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

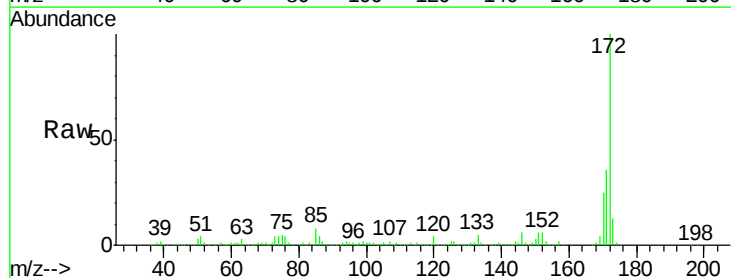
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 72.240 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1524977		
171	36.1	29.7	44.5	
170	24.5	19.6	29.4	

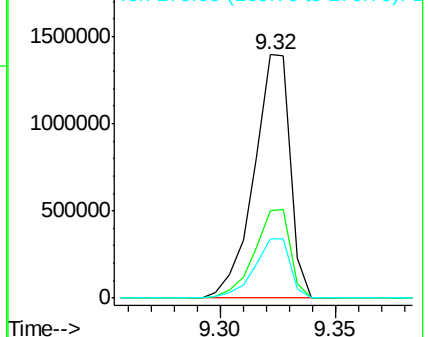
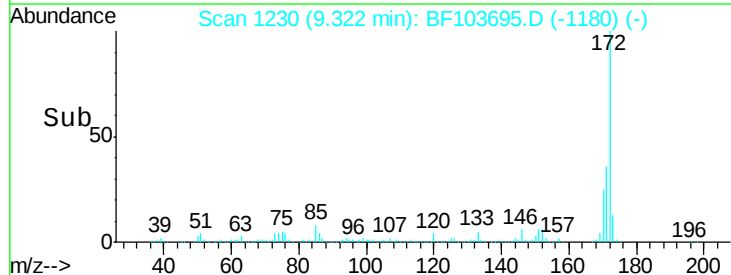


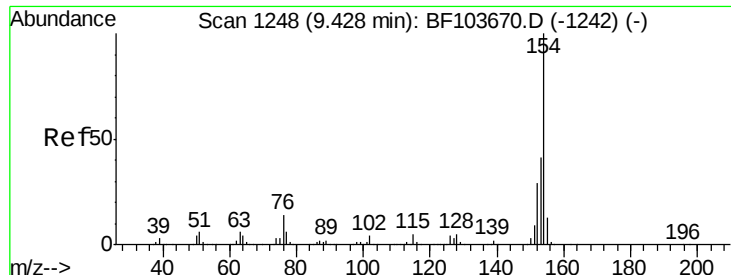
Abundance

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: 33.127 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

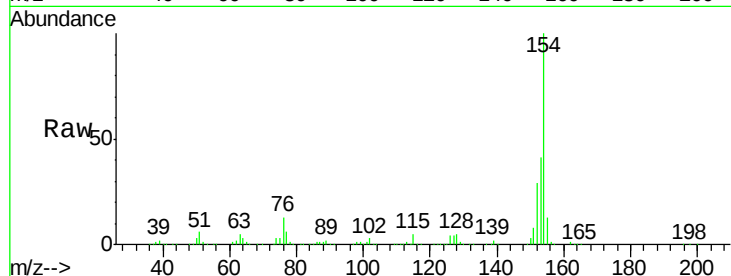
ClientSampleId :

PB107310BSD

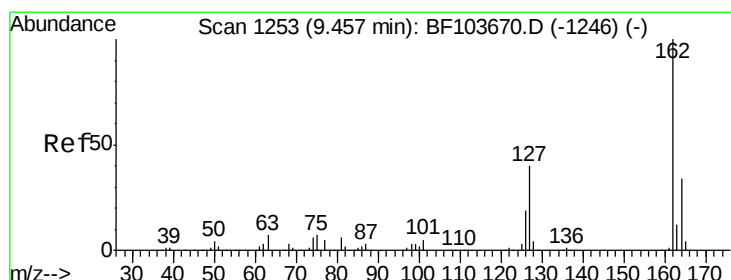
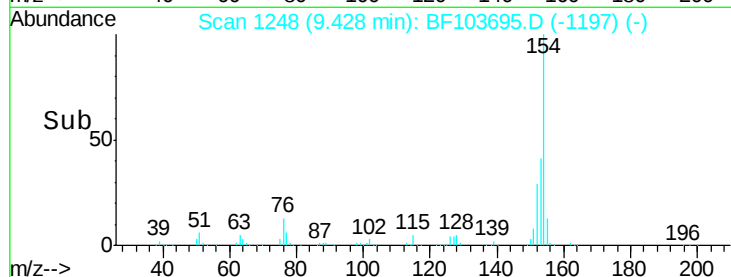
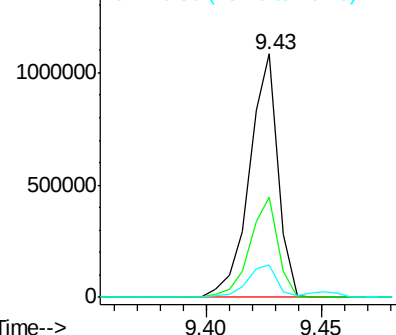
Tot Ion:	154	Resp:	930156
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	13.3	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 33.288 ng

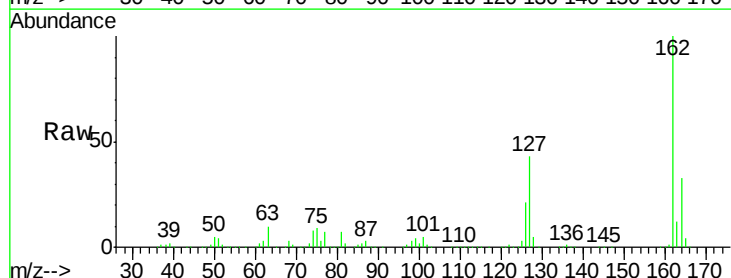
RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

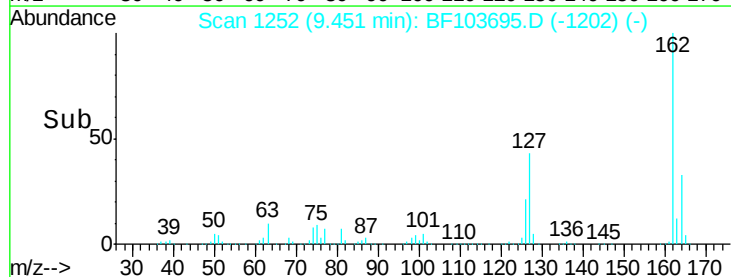
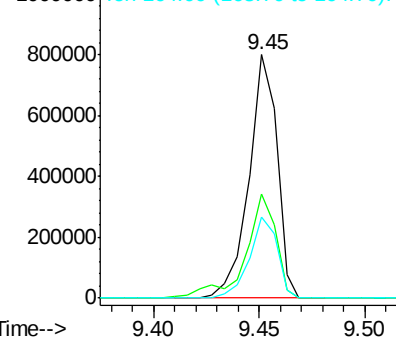
Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	162	Resp:	742376
Ion Ratio	Lower	Upper	
162	100		
127	42.7	33.9	50.9
164	33.4	26.5	39.7



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





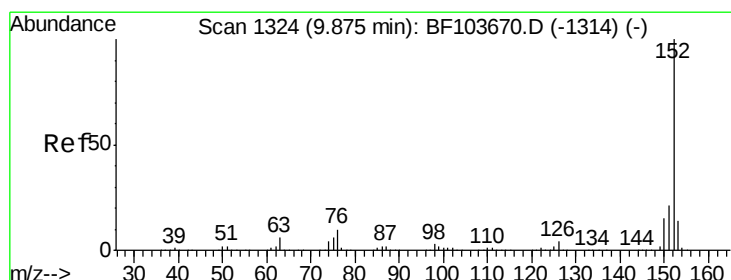
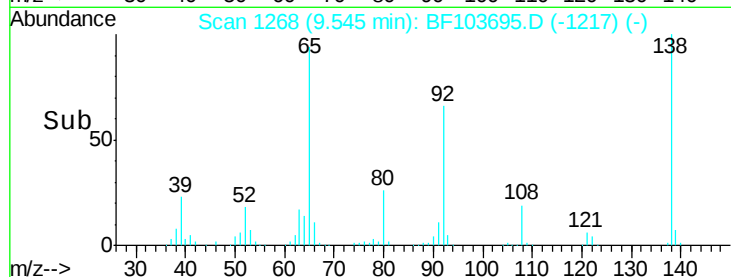
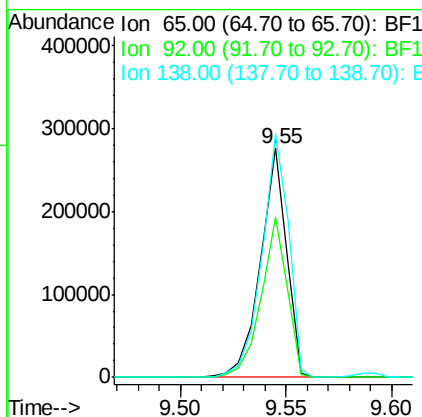
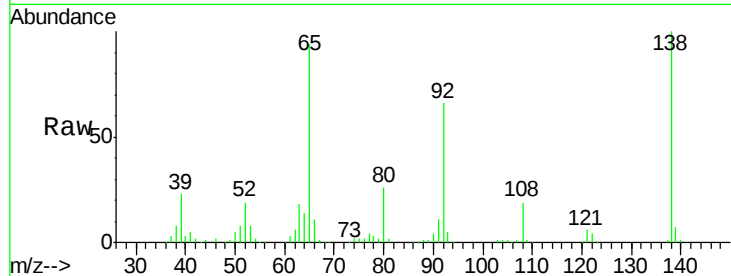
#47
2-Nitroaniline
Concen: 41.745 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.8	83.6
138	106.2	91.2	136.8

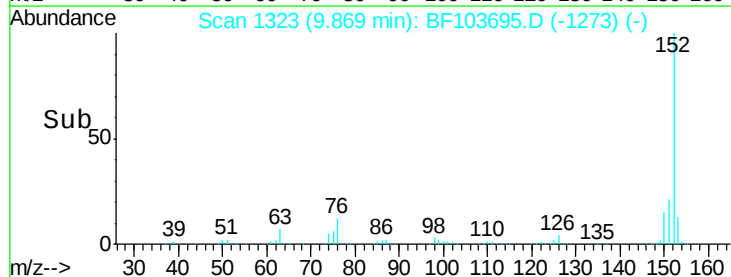
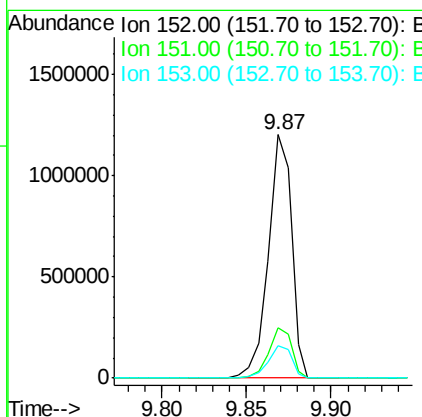
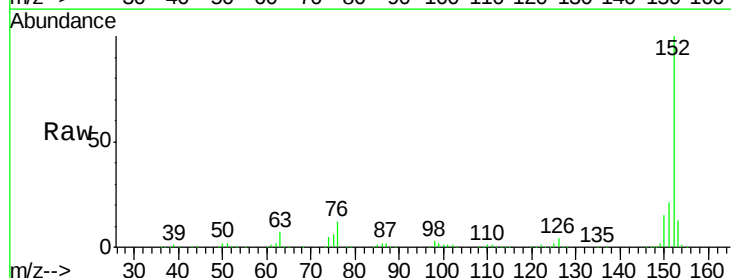
Manual Integrations
APPROVED

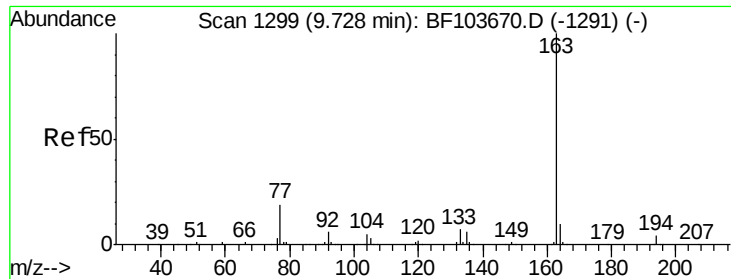
Sohil
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#48
Acenaphthylene
Concen: 33.087 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.3	10.7	16.1





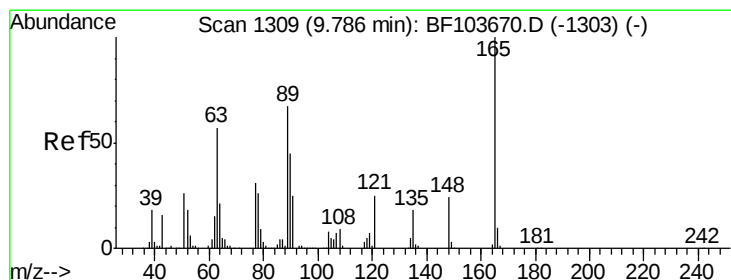
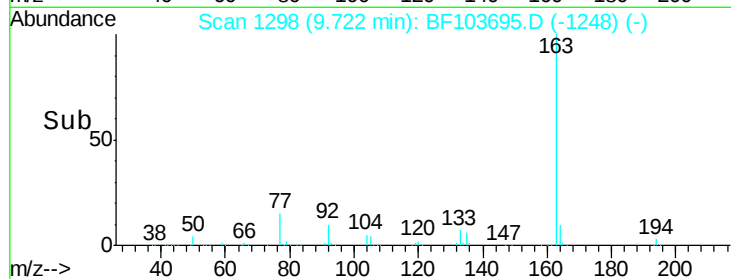
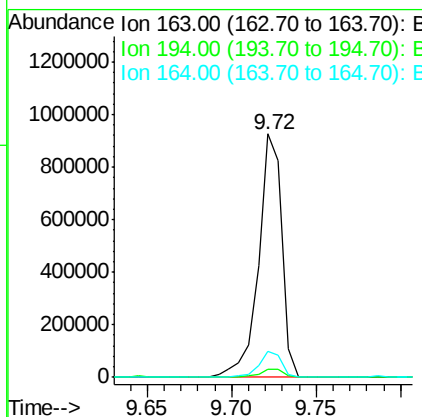
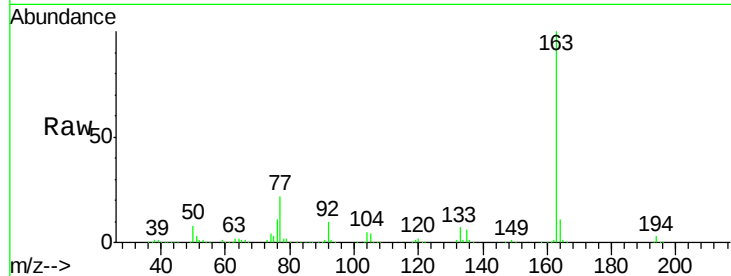
#49
Dimethylphthalate
Concen: 34.566 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	888040		
194	3.4		2.7	4.1
164	10.6		8.2	12.2

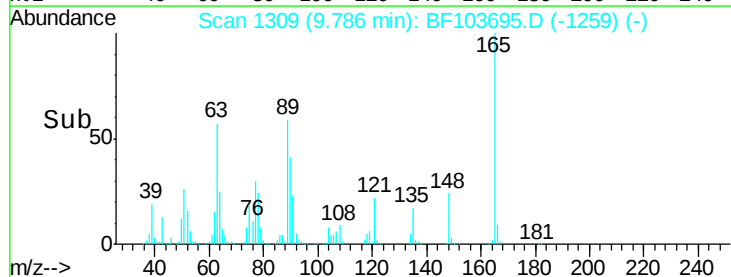
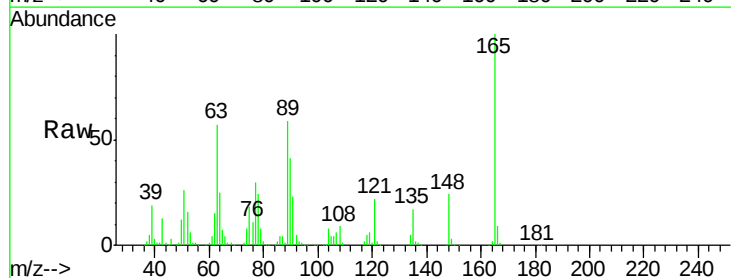
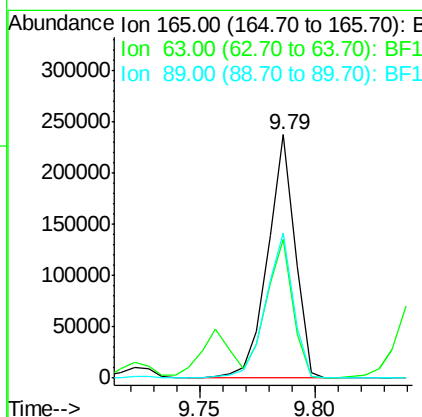
Manual Integrations
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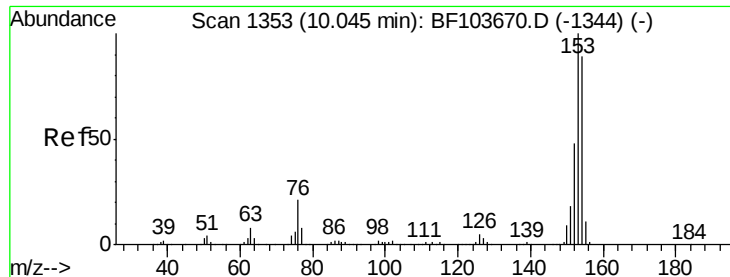
Sohil
3/19/2018 2:00:48 PM



#50
2,6-Dinitrotoluene
Concen: 39.898 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194640		
63	56.7		44.7	67.1
89	59.5		44.0	66.0





#51

Acenaphthene

Concen: 34.900 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

PB107310BSD

Tot Ion:154 Resp: 716658

Ion Ratio Lower Upper

154 100

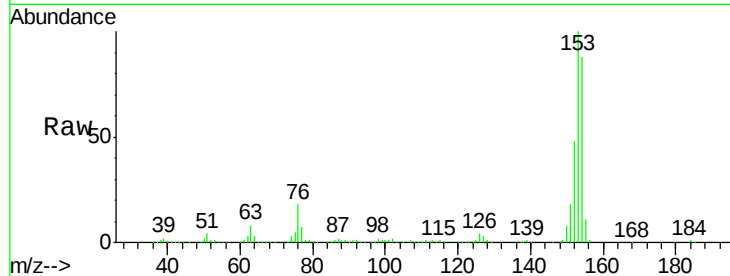
153 113.2 91.2 136.8

152 54.3 43.8 65.8

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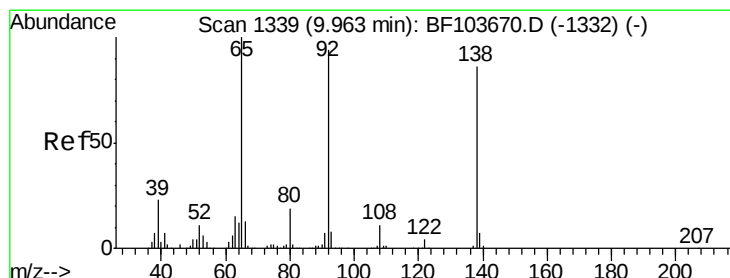
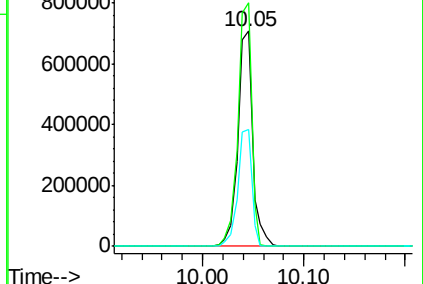
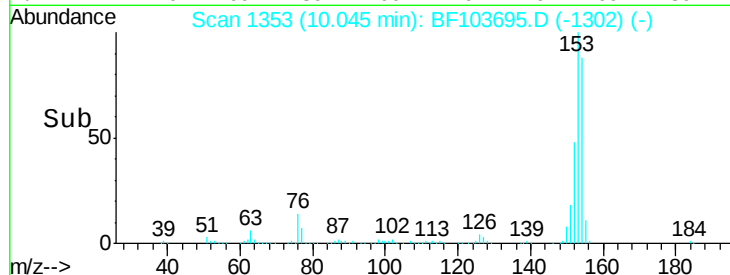
3/19/2018 2:00:48 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.129 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

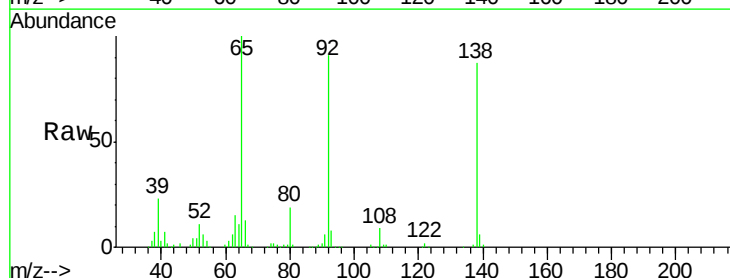
Tgt Ion:138 Resp: 137915

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

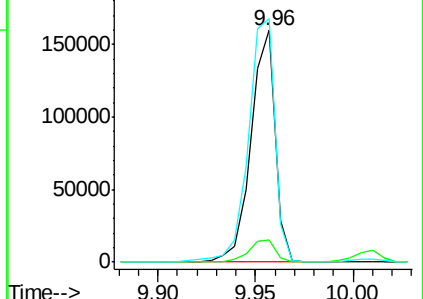
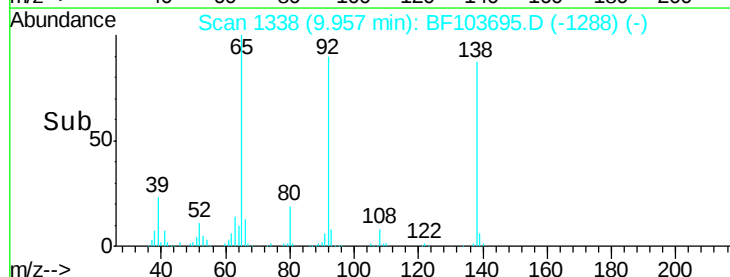
92 104.9 89.4 134.2

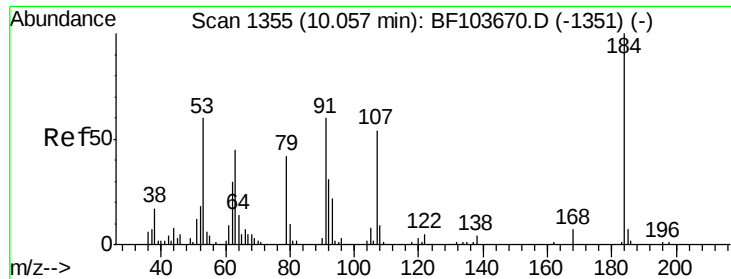


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





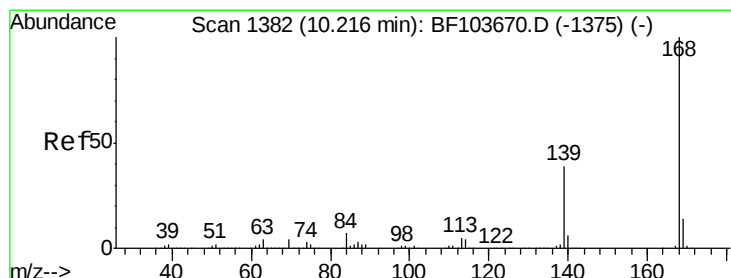
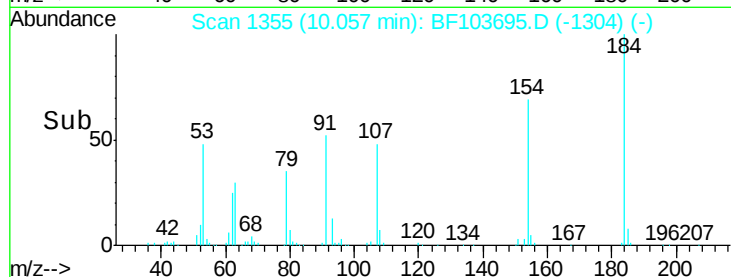
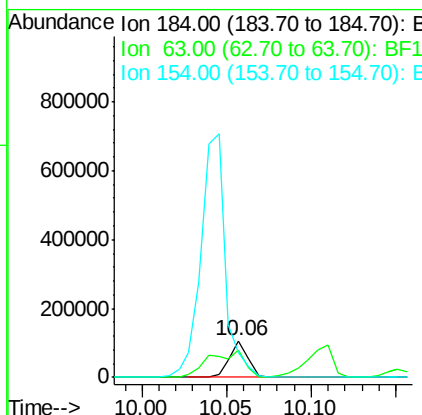
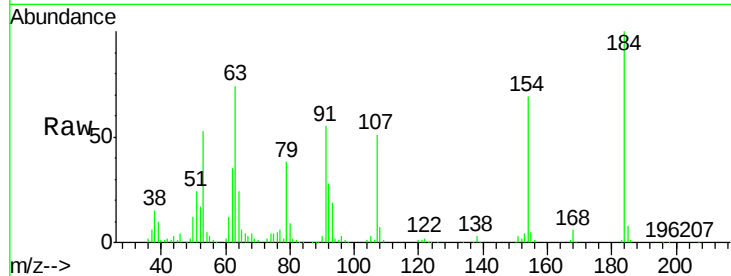
#53
2,4-Dinitrophenol
Concen: 62.472 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.3	54.2	81.2
154	69.1	184.0	276.0#

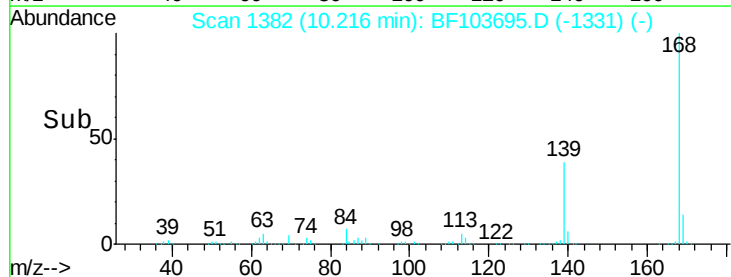
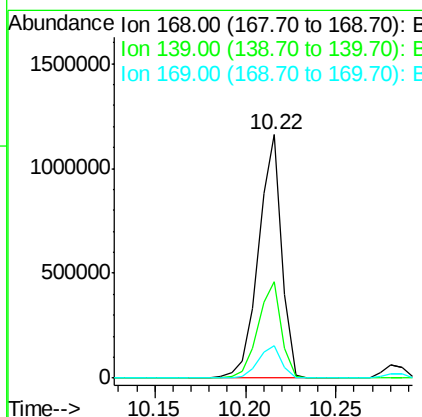
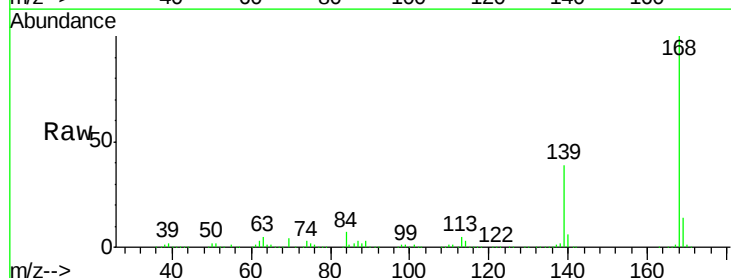
Manual Integrations
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#54
Dibenzofuran
Concen: 34.921 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	13.5	10.9	16.3





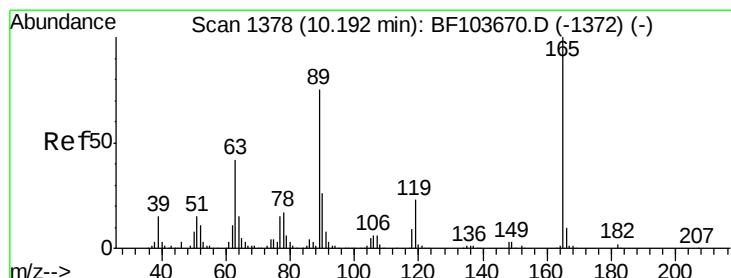
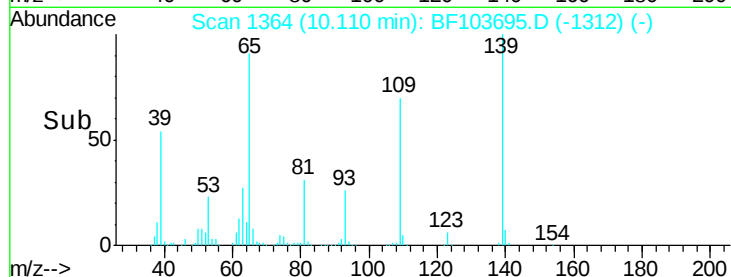
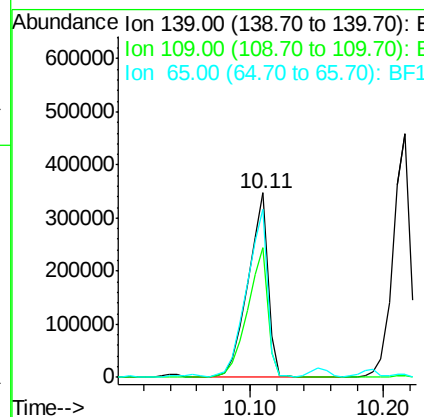
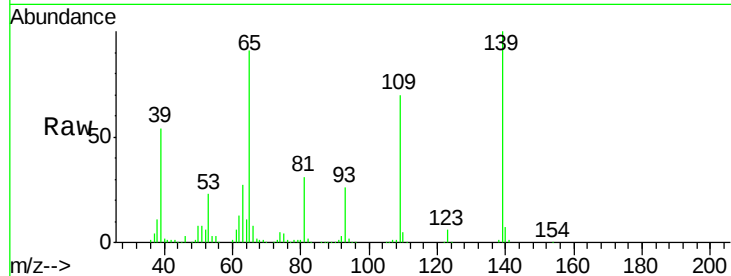
#55
4-Nitrophenol
Concen: 76.167 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.4	48.4	88.4
65	91.4	72.6	112.6

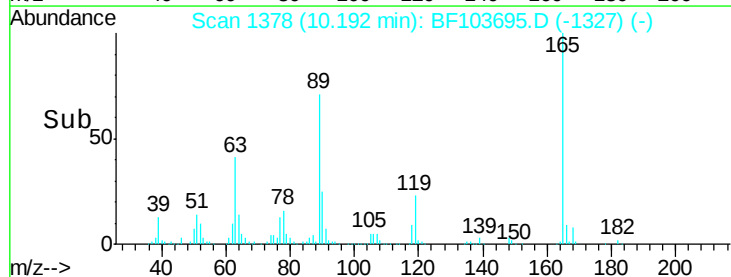
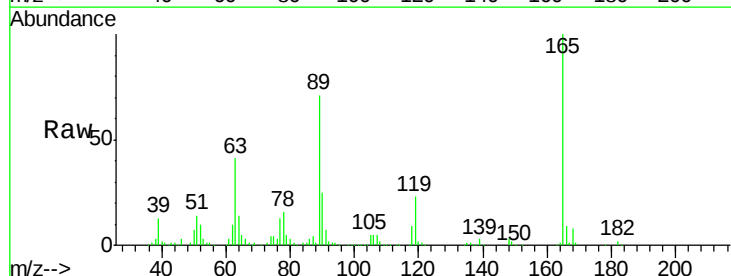
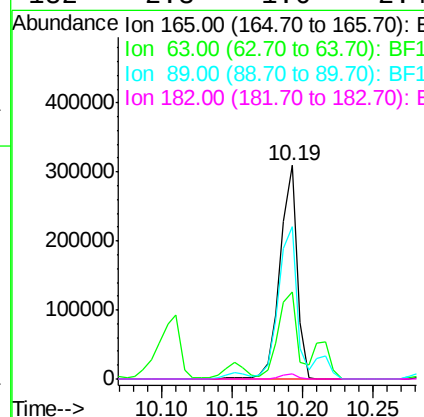
Manual Integrations
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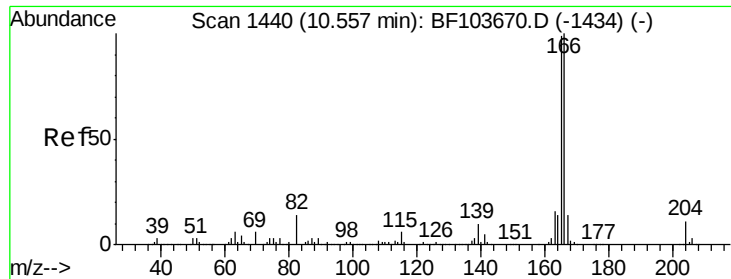
Sohil
3/19/2018 2:00:48 PM



#56
2,4-Dinitrotoluene
Concen: 43.024 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.0	36.4	54.6
89	71.1	57.8	86.6
182	2.3	1.6	2.4





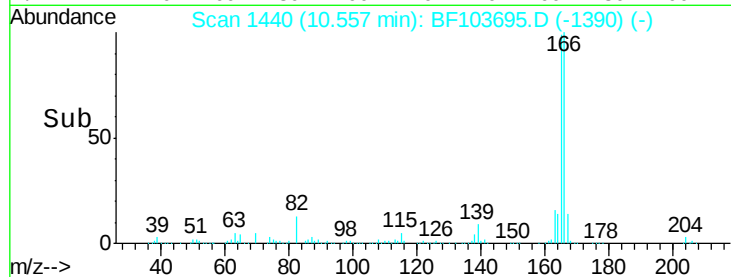
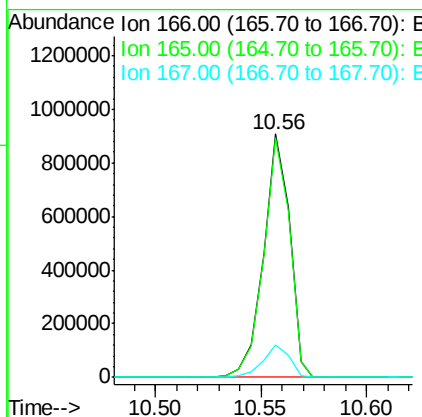
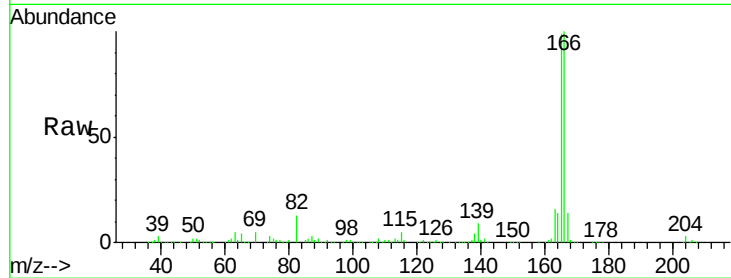
#57
Fluorene
 Concen: 34.530 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	785810		
165	98.6	79.8	119.8	
167	13.5	10.6	16.0	

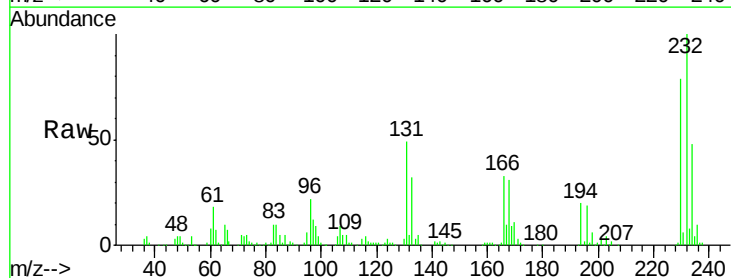
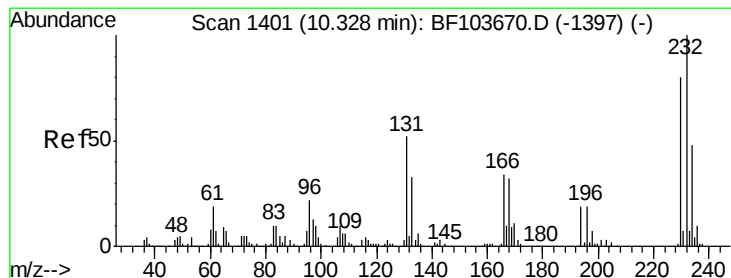
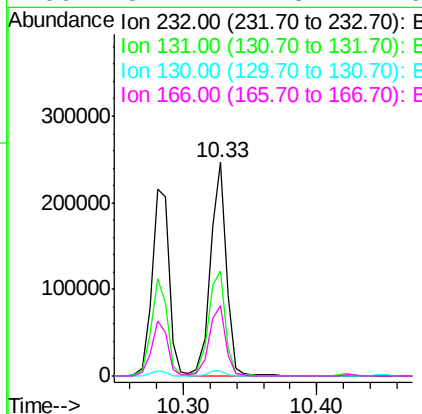
Manual Integrations
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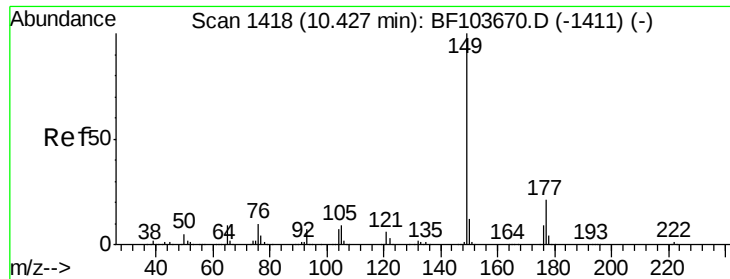
Sohil
 3/19/2018 2:00:48 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.736 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205104		
131	52.2	43.8	65.8	
130	2.6	2.1	3.1	
166	34.1	27.8	41.6	





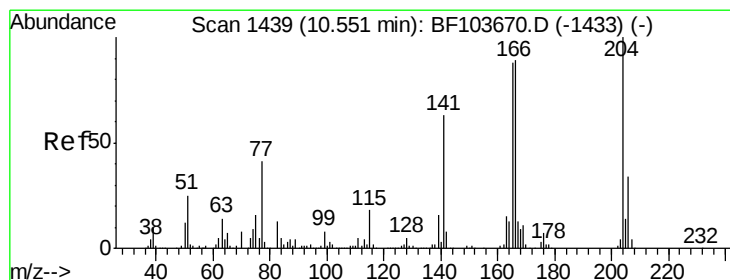
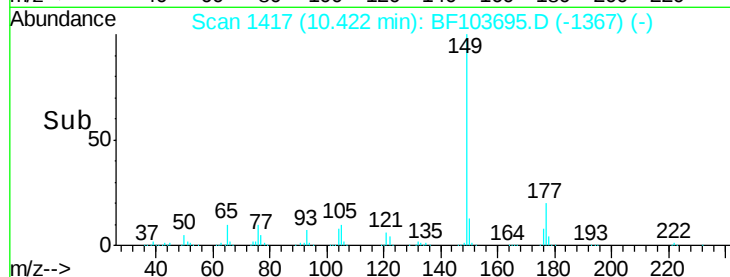
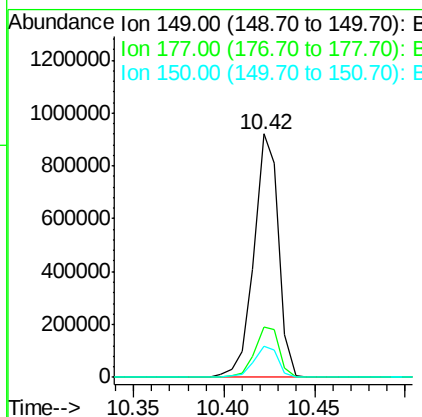
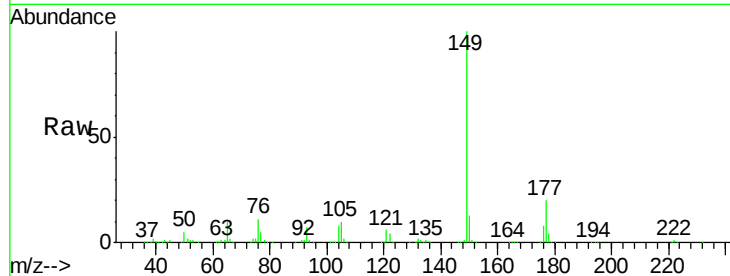
#59
Diethylphthalate
Concen: 34.009 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.1	24.1
150	12.7	10.1	15.1

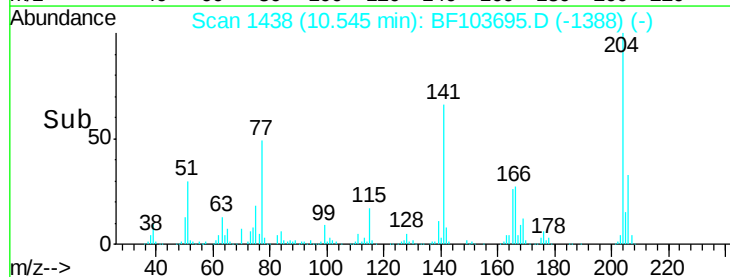
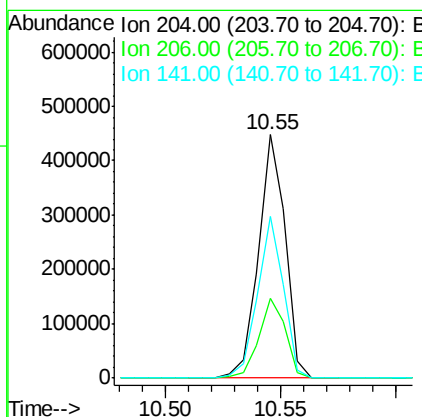
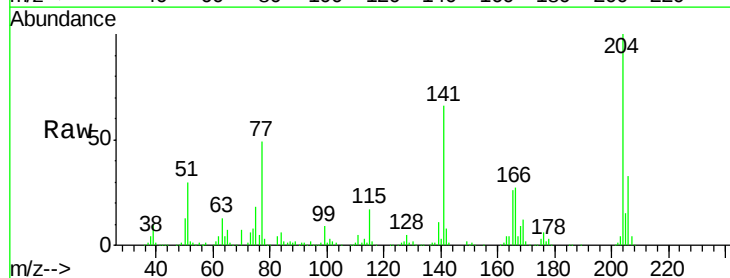
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3/19/2018 2:00:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.765 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	66.3	54.6	81.8





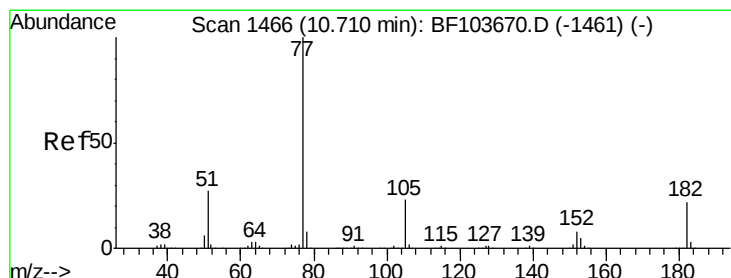
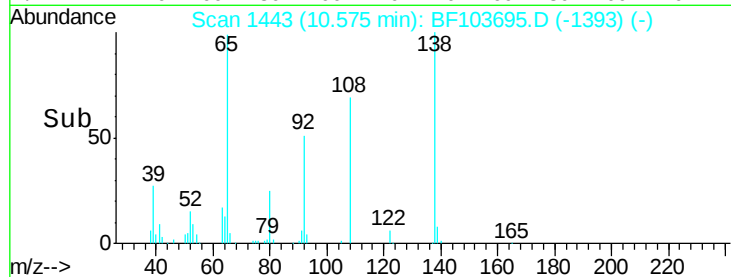
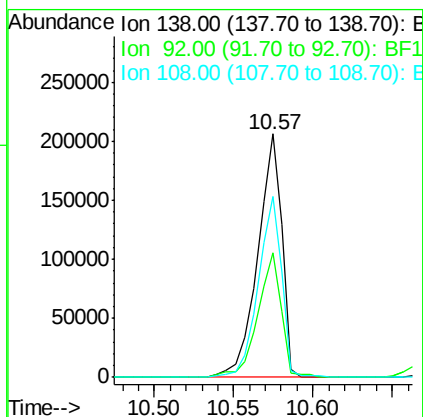
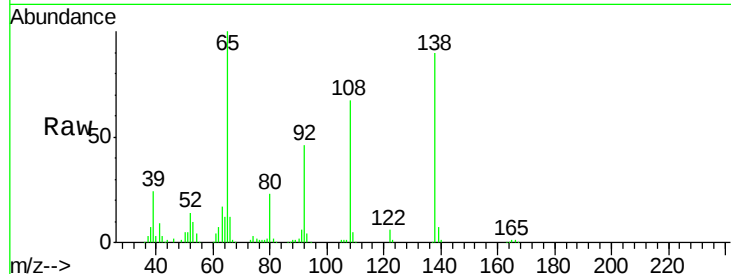
#61
4-Nitroaniline
Concen: 39.180 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	30.2	70.2
108	74.5	52.5	92.5

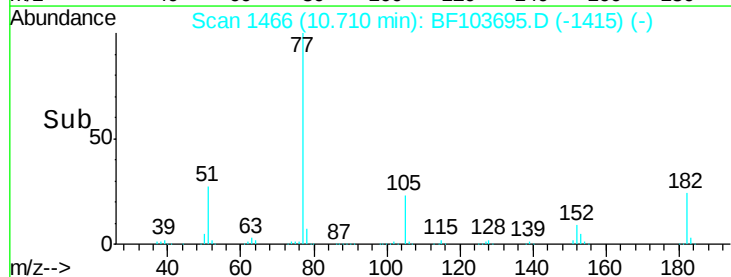
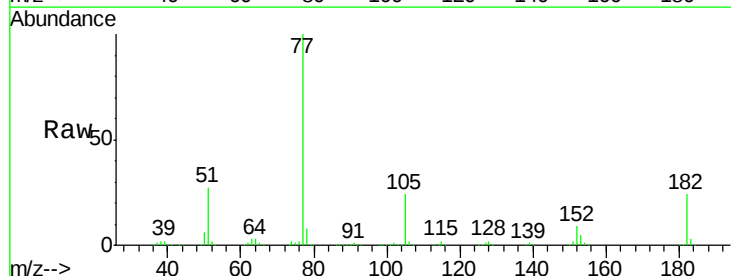
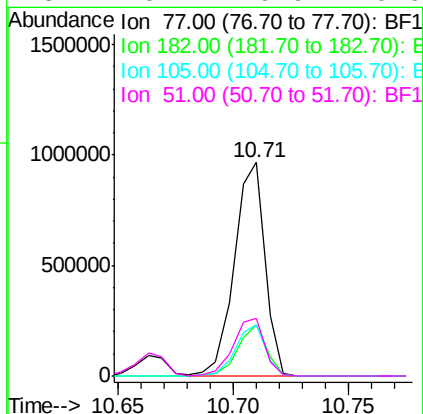
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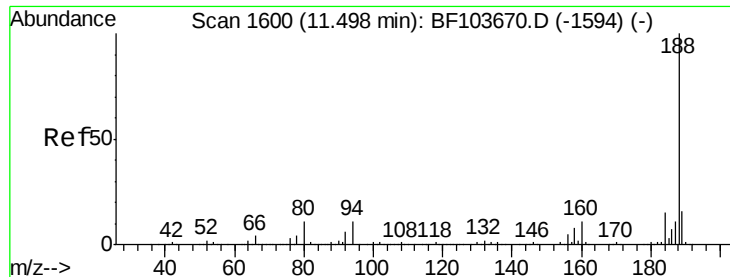
Sohil
3/19/2018 2:00:48 PM



#62
Azobenzene
Concen: 34.477 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	1.7	41.7
105	23.8	3.0	43.0
51	26.7	9.9	49.9





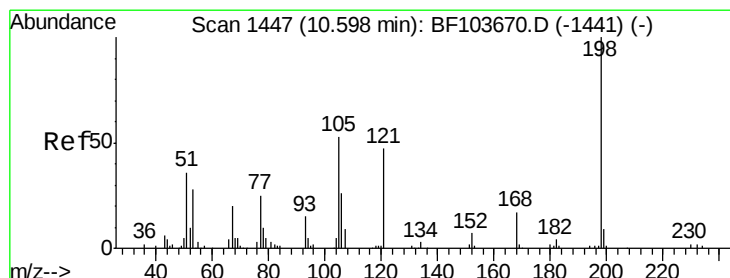
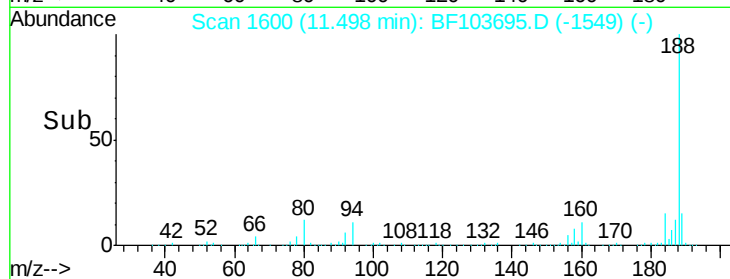
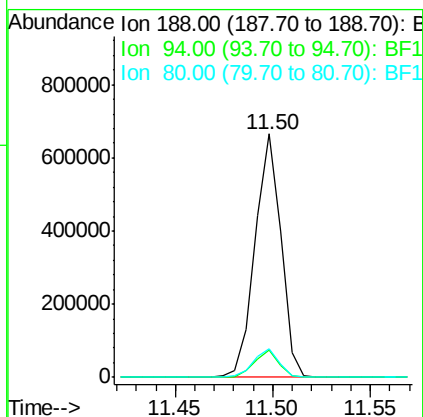
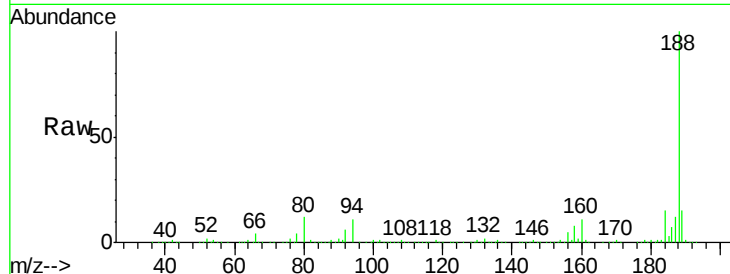
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

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

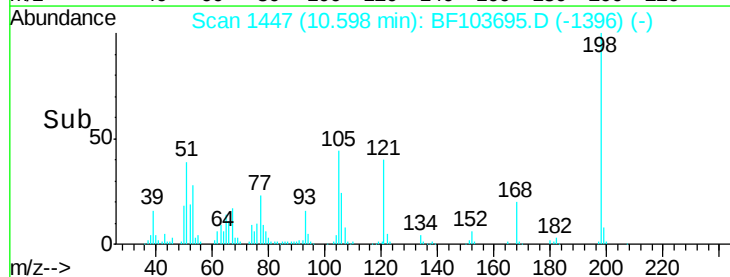
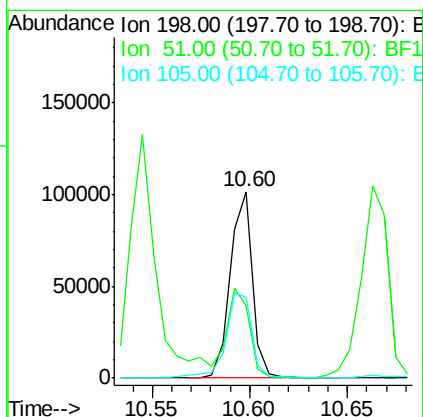
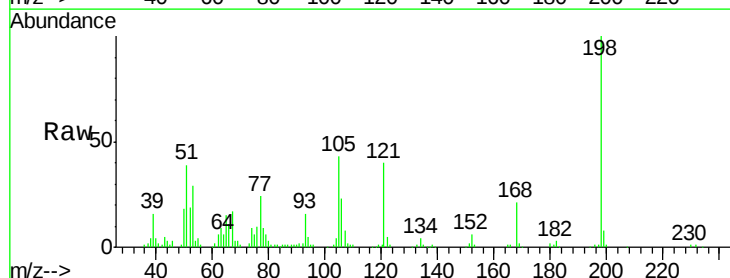
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.276 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.7	37.7	77.7
105	43.4	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 34.503 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

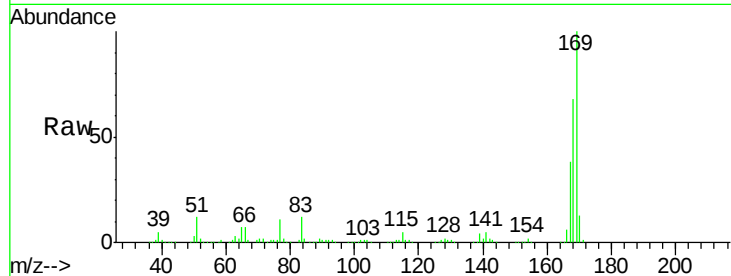
ClientSampleId :

PB107310BSD

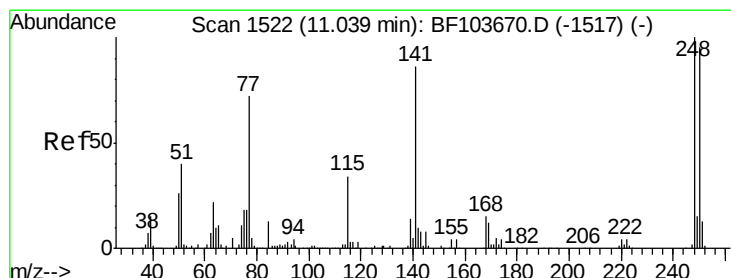
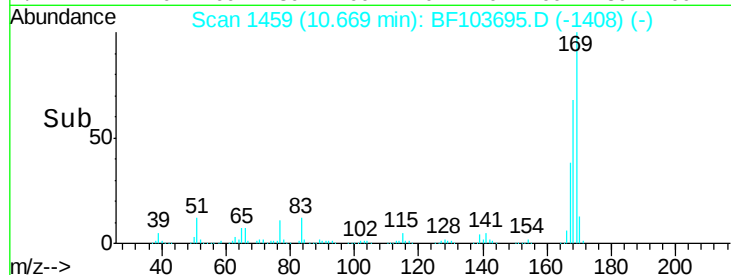
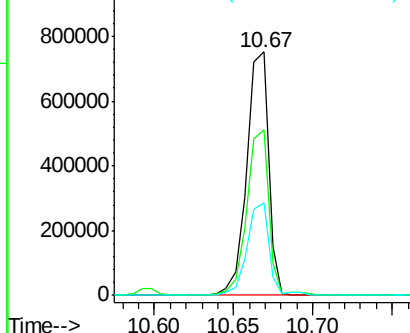
Tot Ion:	169	Resp:	717527
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.4	81.6
167	37.9	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 35.174 ng

RT: 11.04 min Scan# 1522

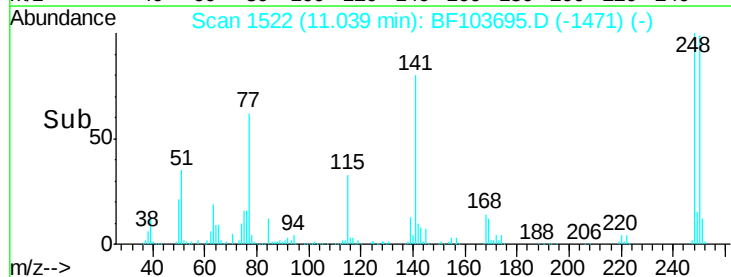
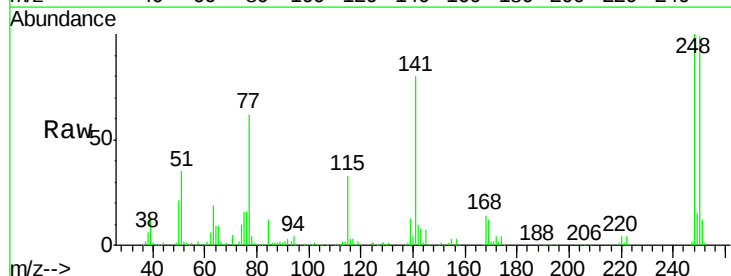
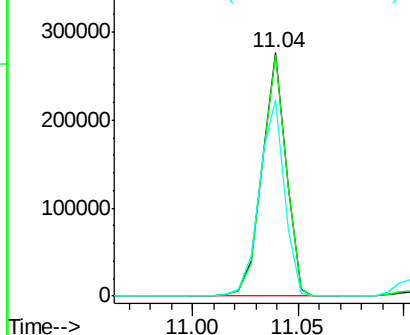
Delta R.T. 0.00 min

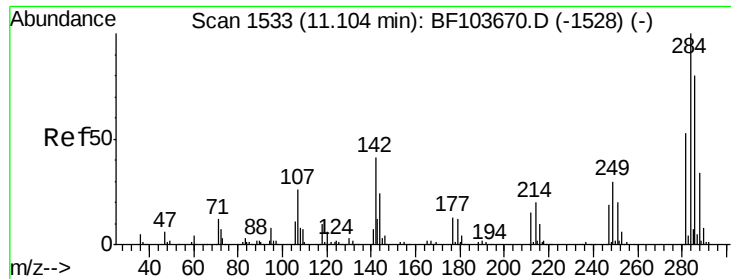
Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	248	Resp:	220642
Ion Ratio	Lower	Upper	
248	100		
250	99.1	76.9	115.3
141	80.4	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





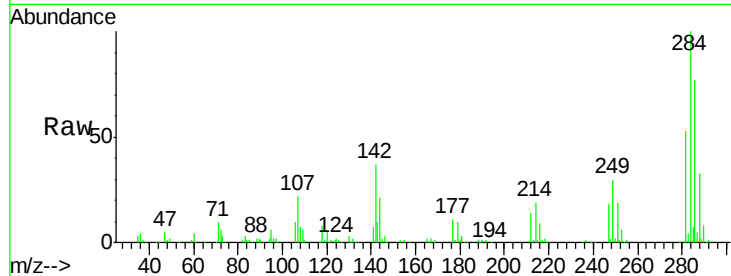
#67
Hexachlorobenzene
Concen: 33.904 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

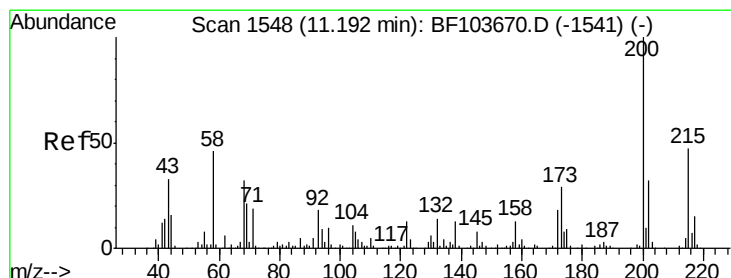
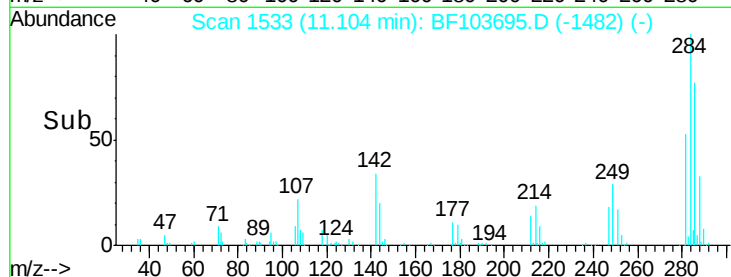
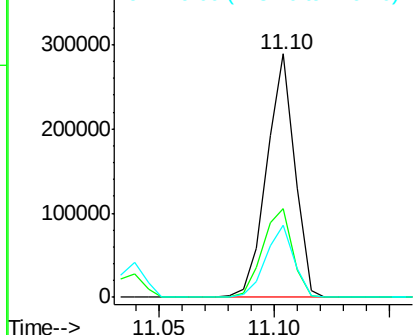
Tot Ion	Ratio	Resp	Lower	Upper
284	100	242734		
142	36.6	34.6	52.0	
249	29.6	24.8	37.2	

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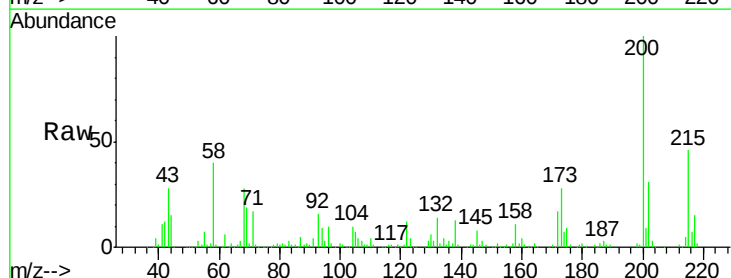


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

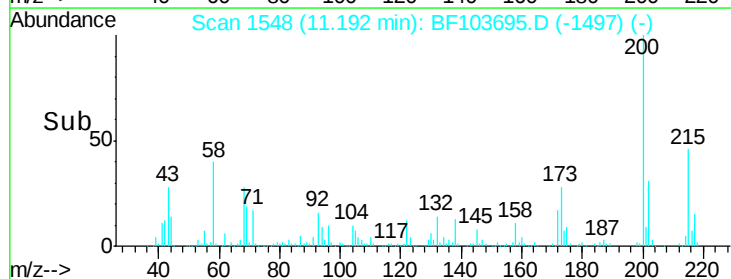
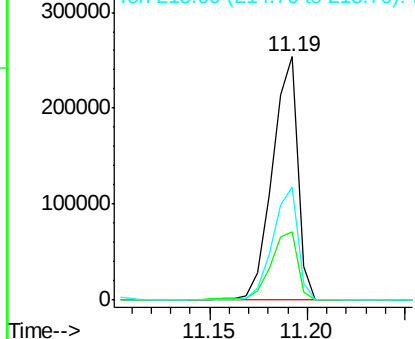


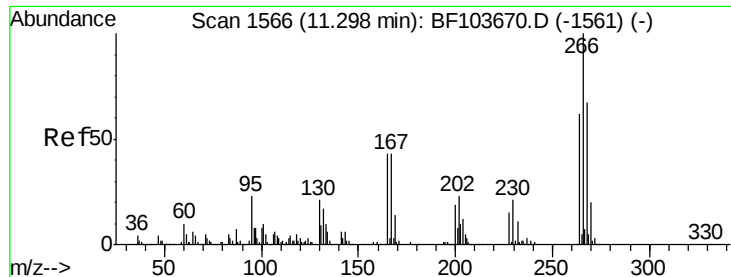
#68
Atrazine
Concen: 35.671 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	229472		
173	28.0	8.6	48.6	
215	46.3	25.1	65.1	



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





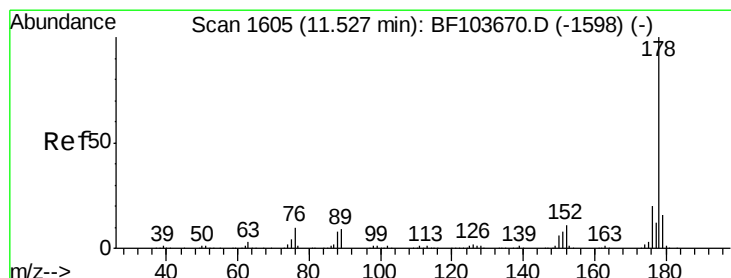
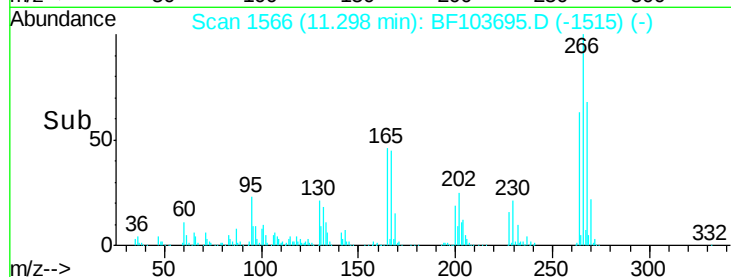
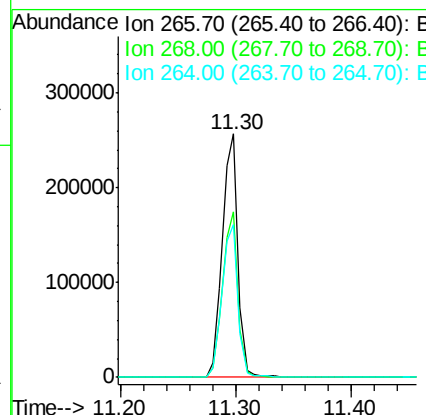
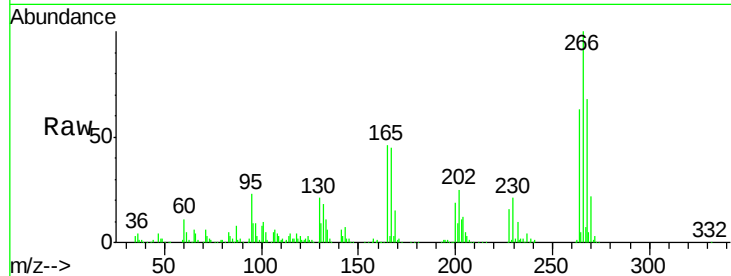
#69
 Pentachlorophenol
 Concen: 58.657 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.8	51.1	76.7
264	62.8	49.5	74.3

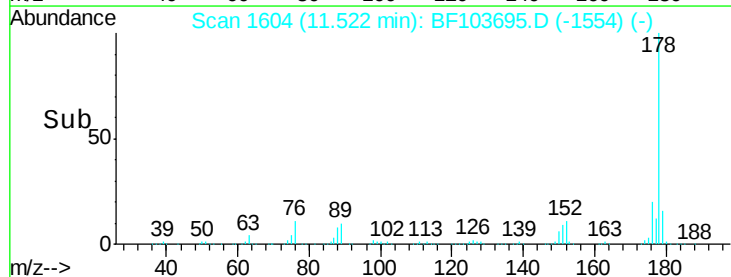
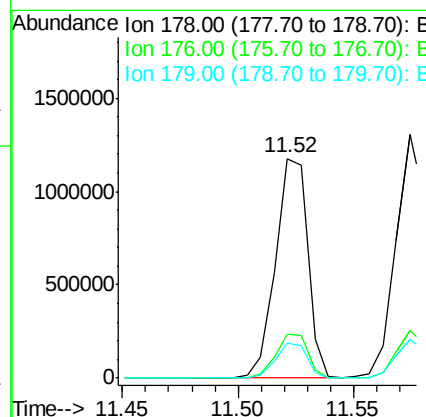
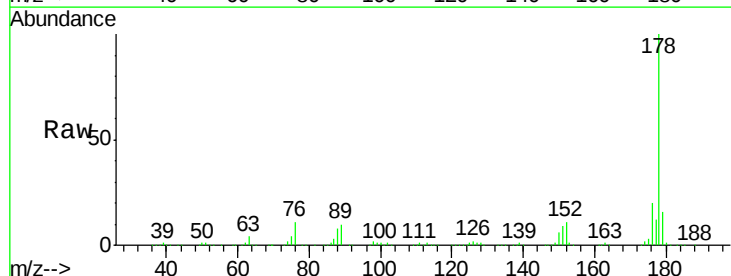
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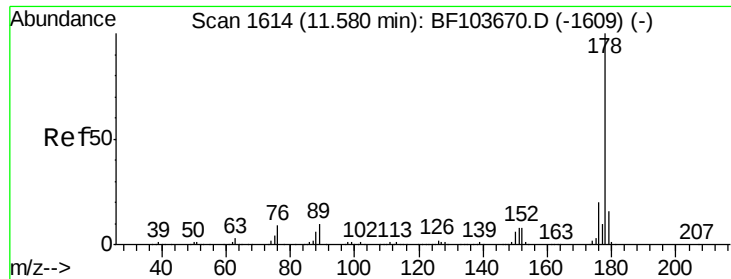
Sohil
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#70
 Phenanthrene
 Concen: 34.093 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6





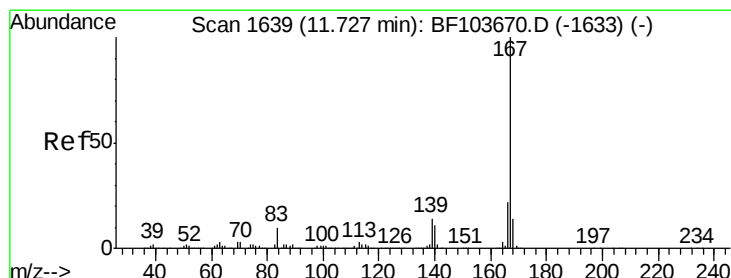
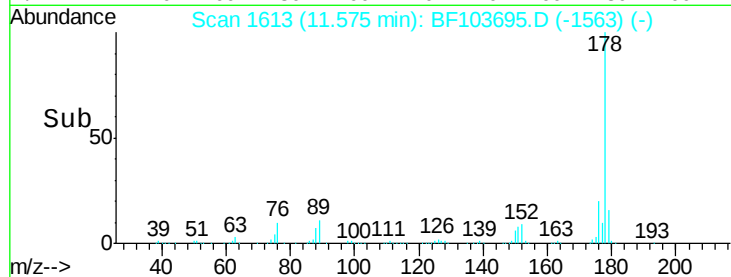
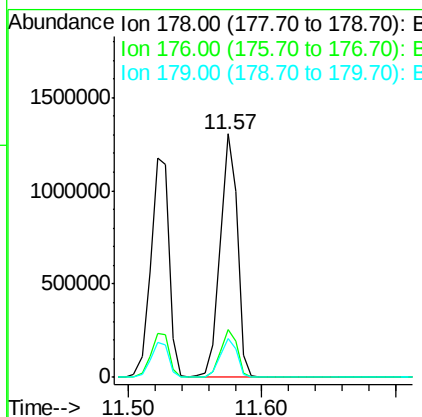
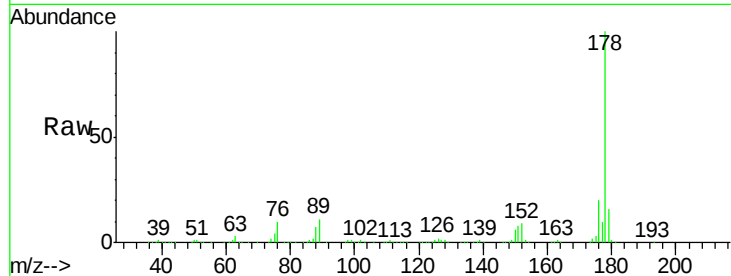
#71
 Anthracene
 Concen: 35.153 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Tot Ion:178 Resp: 1193244
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.9 12.6 19.0

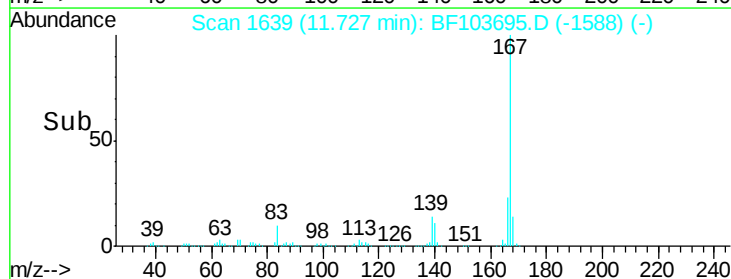
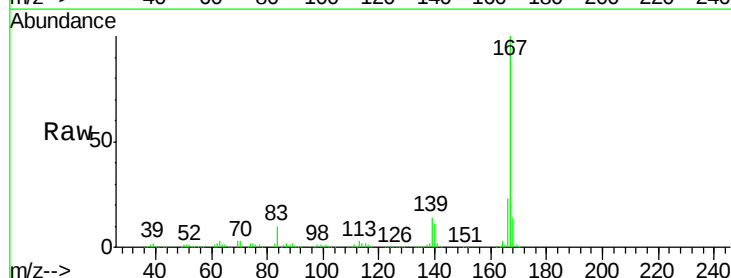
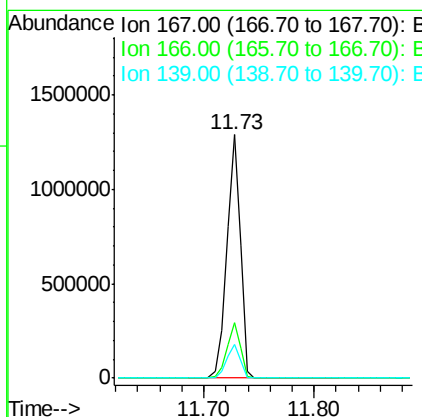
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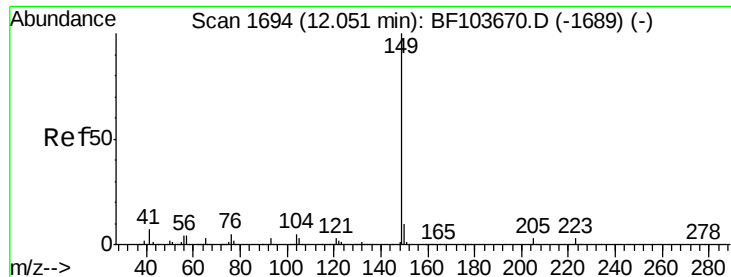
Sohil
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#72
 Carbazole
 Concen: 33.573 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion:167 Resp: 1107652
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.443 ng

RT: 12.05 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

ClientSampleId :

PB107310BSD

Tot Ion:149 Resp: 1363467

Ion Ratio Lower Upper

149 100

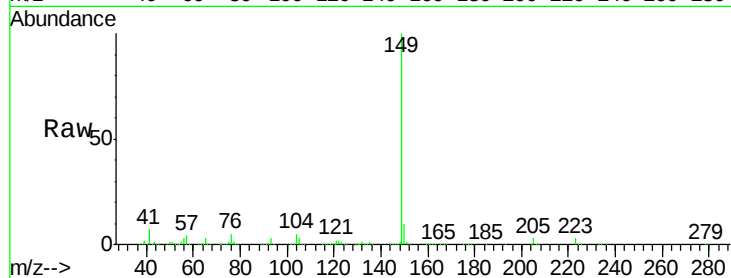
150 9.6 7.8 11.6

104 5.1 3.8 5.8

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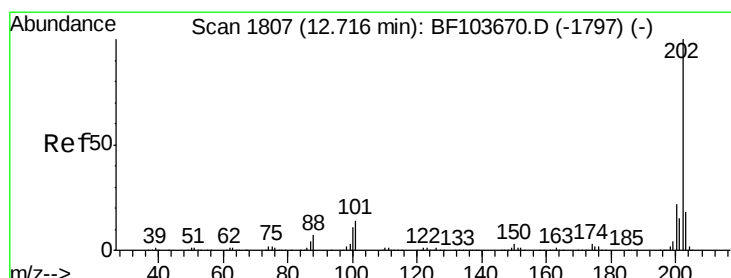
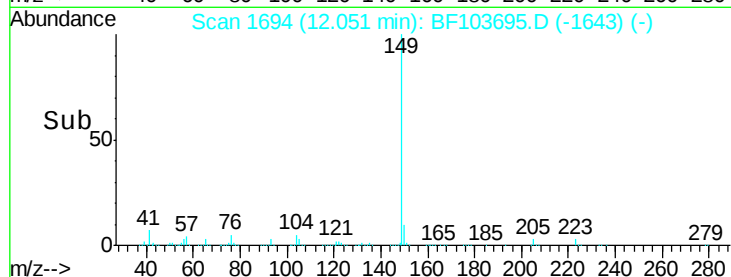
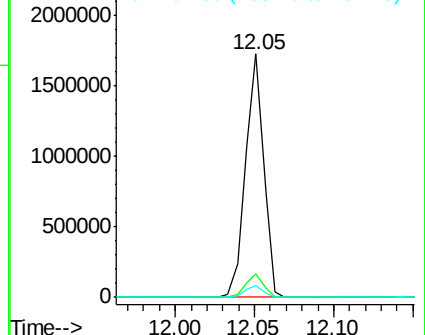
3/19/2018 2:00:48 PM



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: 34.858 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

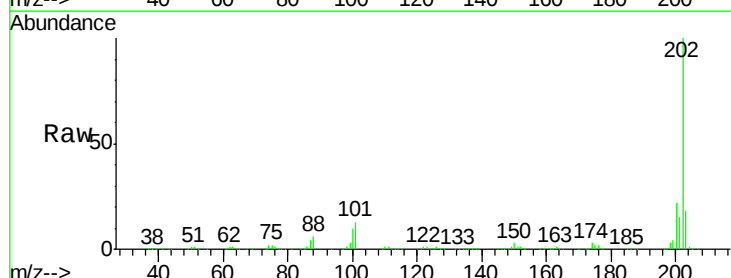
Tgt Ion:202 Resp: 1200195

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

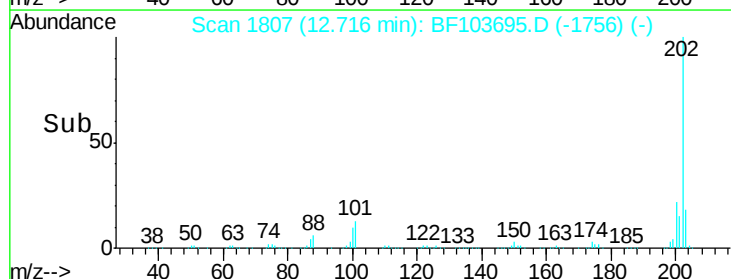
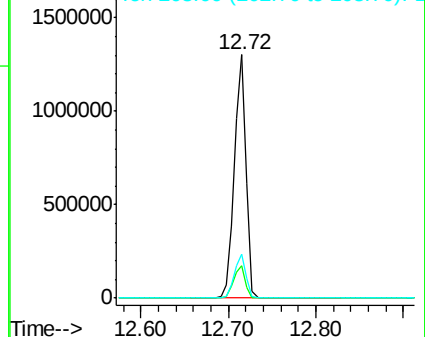
203 17.9 0.0 38.1

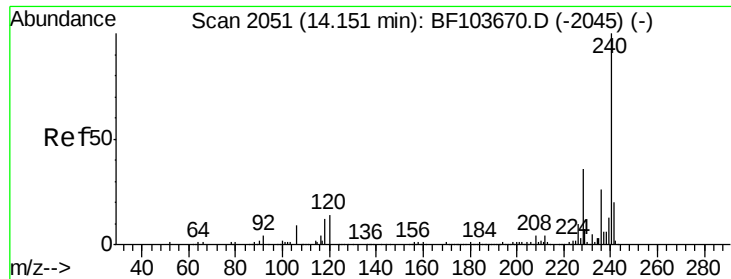


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Instrument :

BNA_F

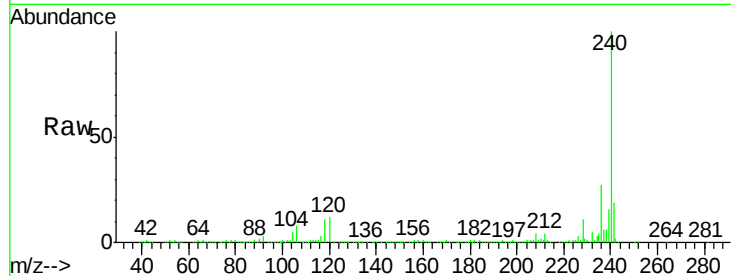
ClientSampleId :

PB107310BSD

Tot Ion:	240	Resp:	496998
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	27.0	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.15

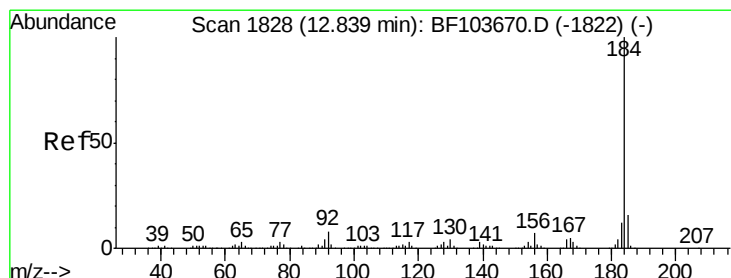
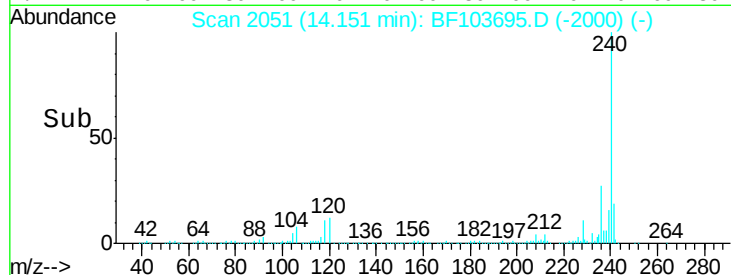
600000

400000

200000

0

Time-->



#76

Benzidine

Concen: 25.778 ng

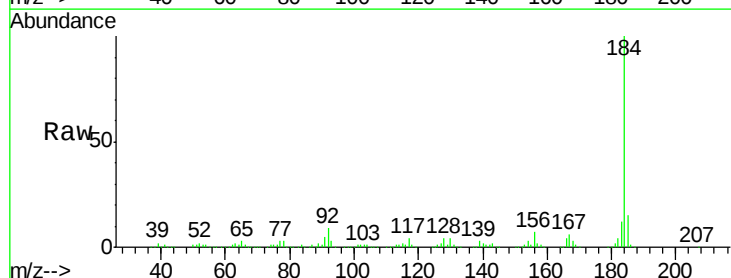
RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF103695.D

Acq: 16 Mar 2018 14:38

Tgt Ion:	184	Resp:	546421
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	18.8
183	12.0	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.83

800000

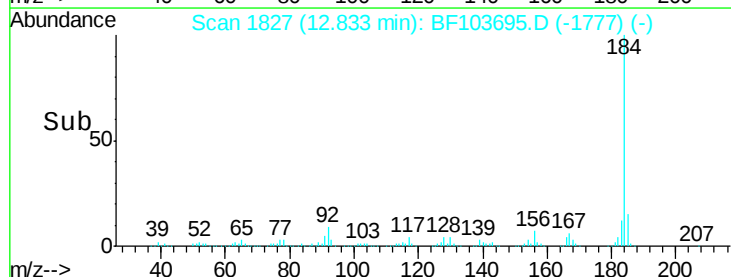
600000

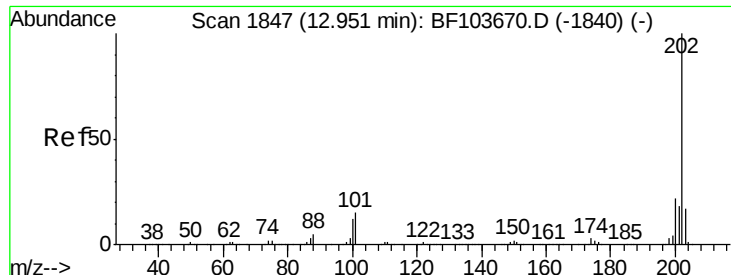
400000

200000

0

Time-->





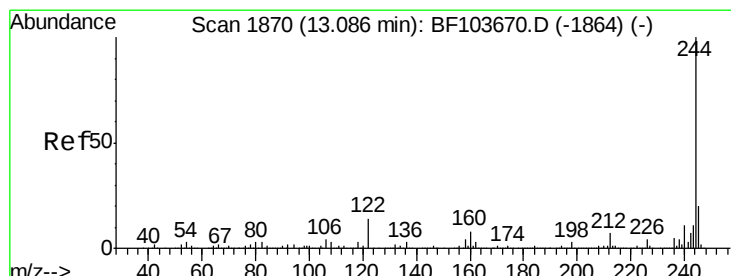
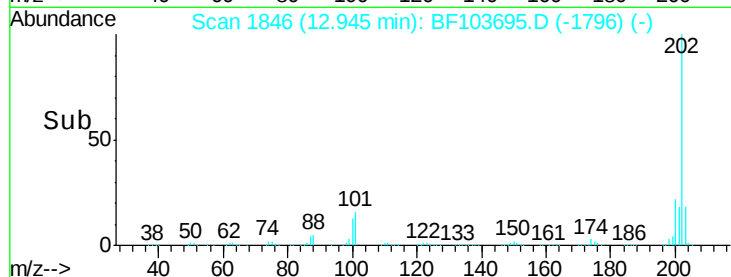
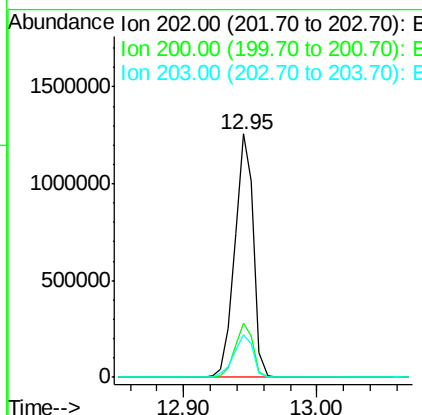
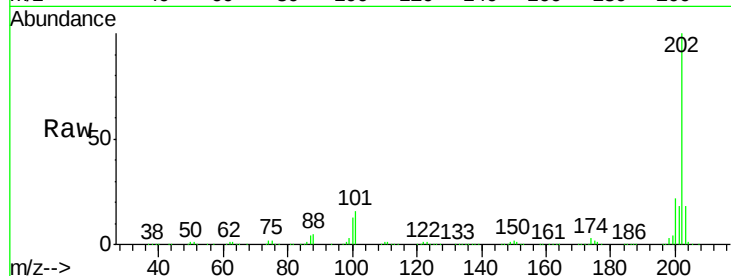
#77
Pvrene
Concen: 33.472 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.7	14.3	21.5

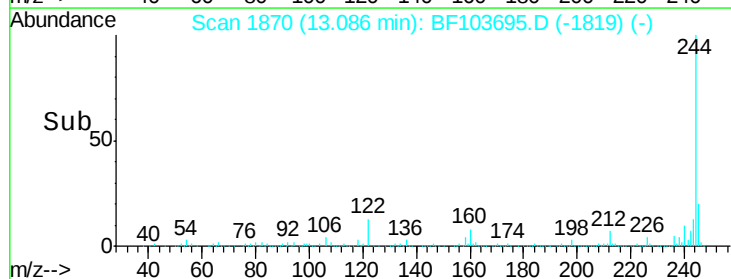
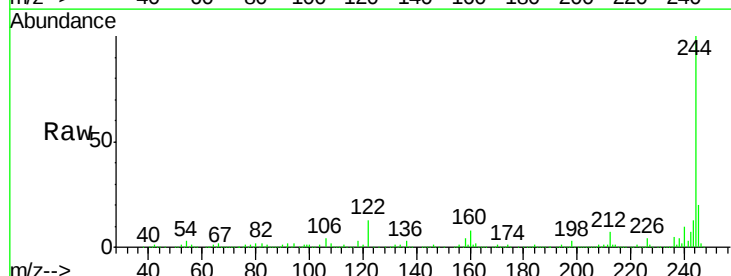
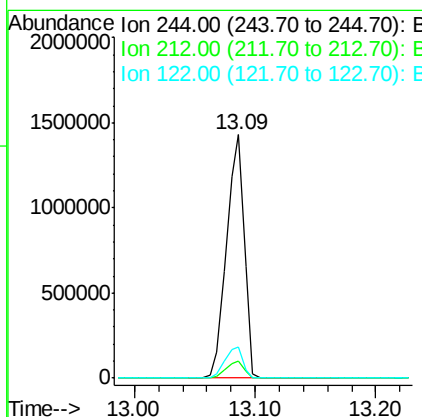
Manual Integrations
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Sohil
3/19/2018 2:00:48 PM



#78
Terphenyl-d14
Concen: 67.748 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4





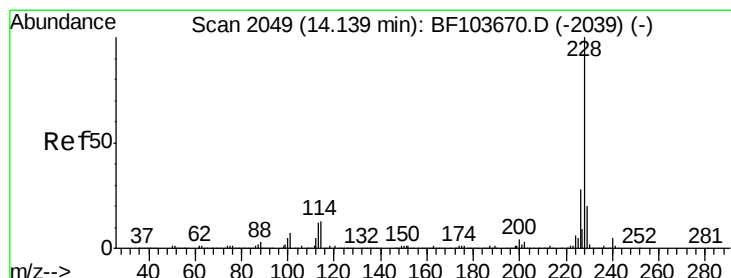
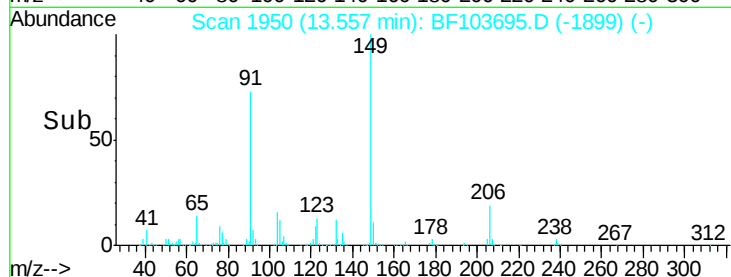
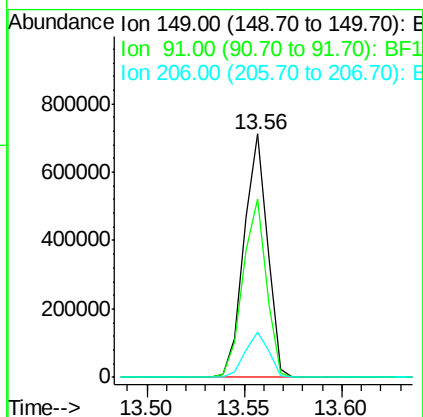
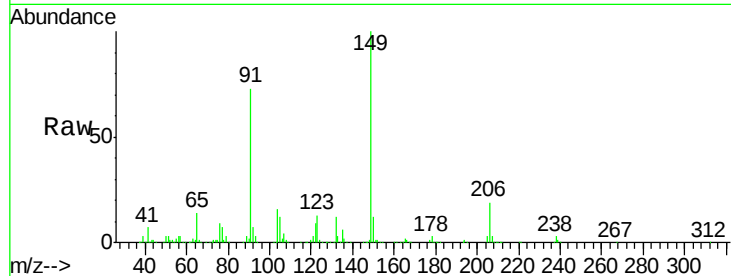
#79
Butylbenzylphthalate
Concen: 36.666 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	592922		
91	73.4	56.8	85.2	
206	18.7	14.1	21.1	

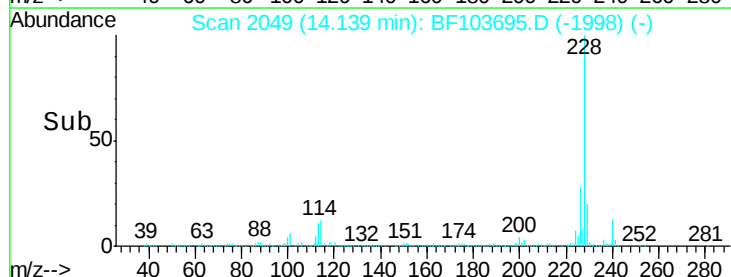
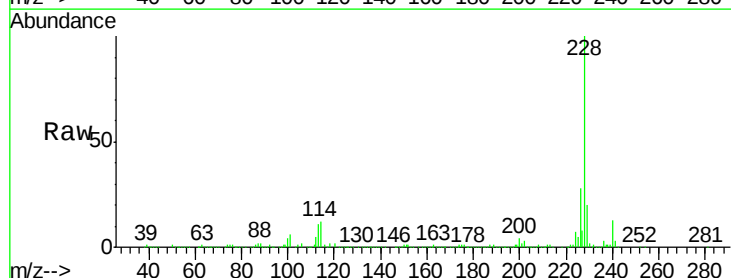
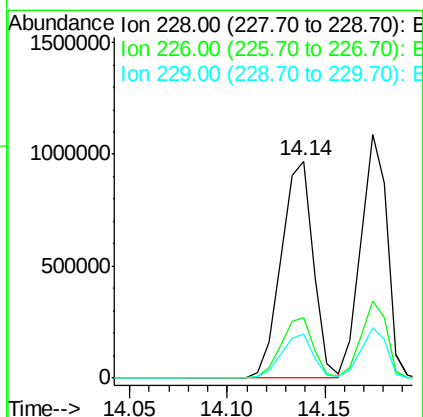
Manual Integrations
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3/19/2018 2:00:48 PM



#80
Benzo(a)anthracene
Concen: 35.051 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1102698		
226	27.8	22.6	33.8	
229	20.1	15.8	23.6	





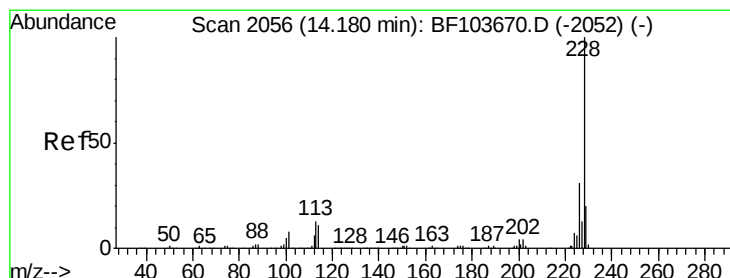
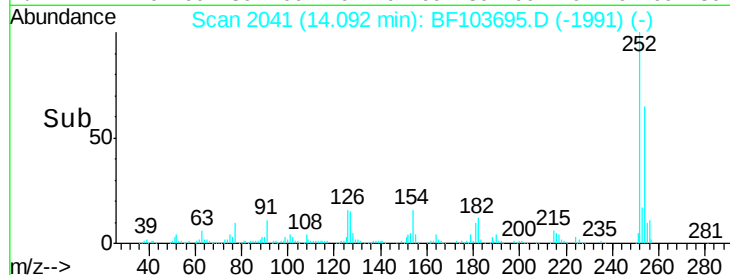
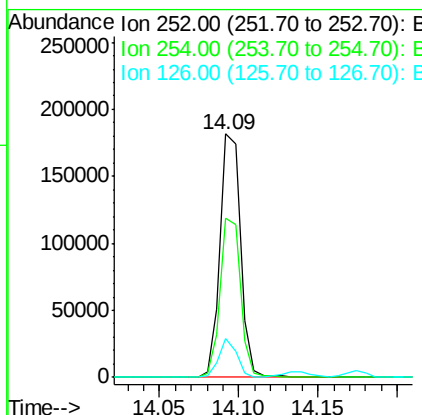
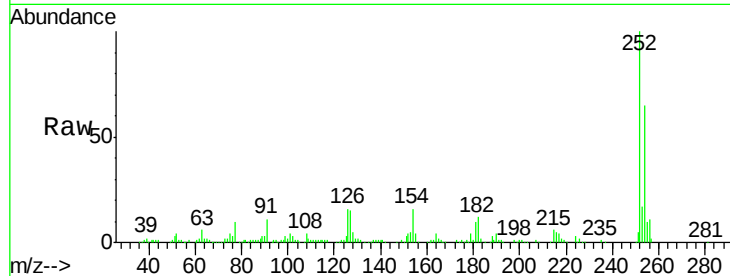
#81
 3,3'-Dichlorobenzidine
 Concen: 15.549 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	15.7	11.3	16.9

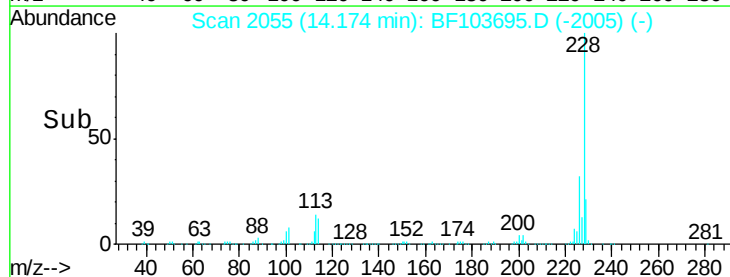
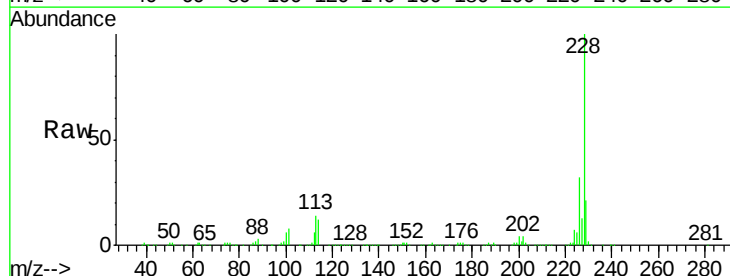
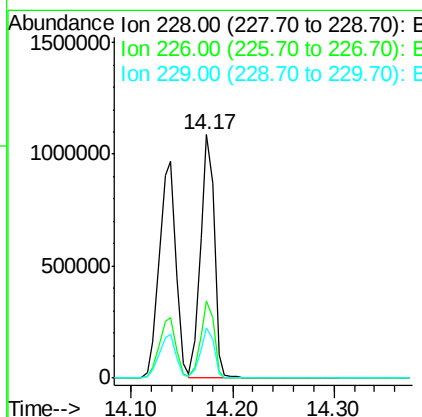
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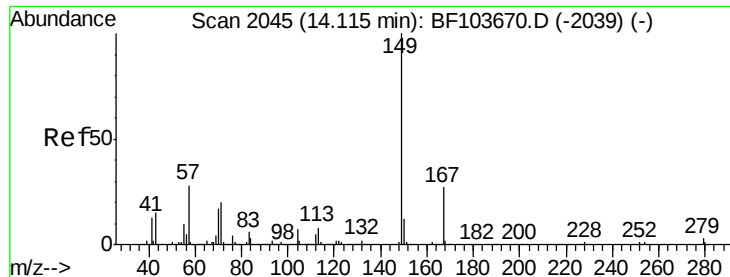
Sohil
 3/19/2018 2:00:48 PM



#82
 Chrysene
 Concen: 34.142 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.6	16.2	24.4





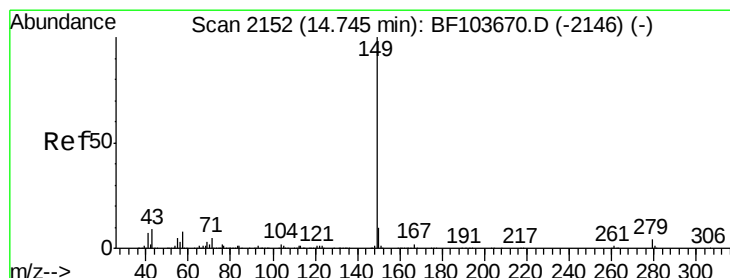
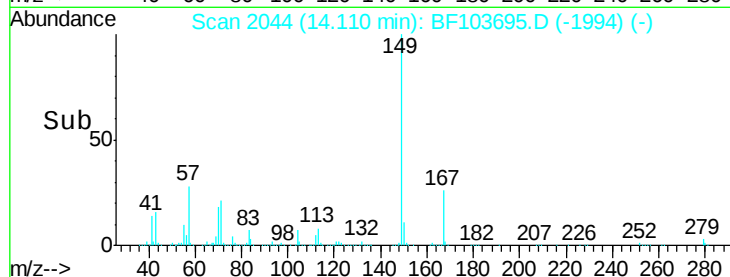
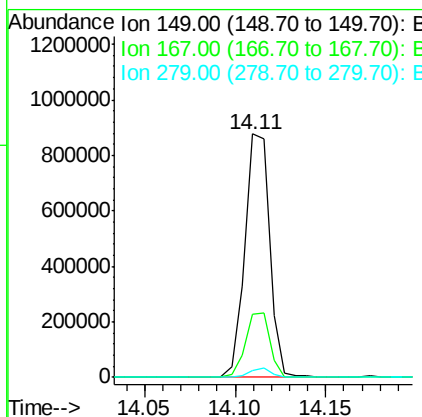
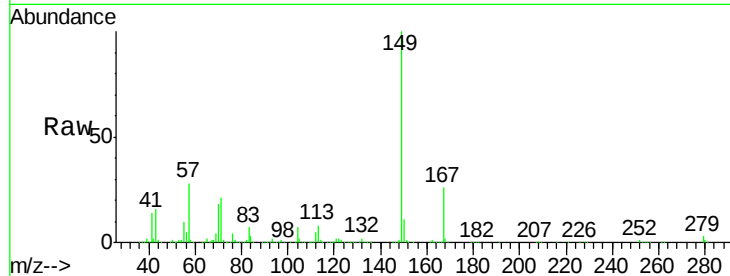
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.118 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.9	3.0	4.4#

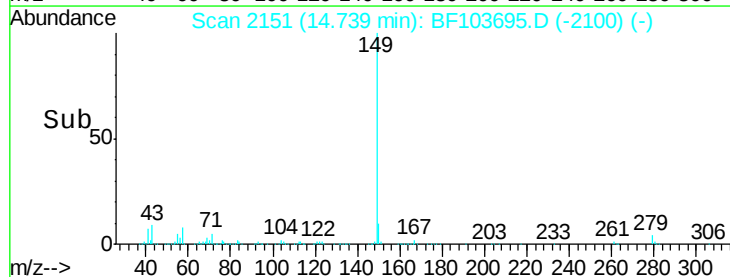
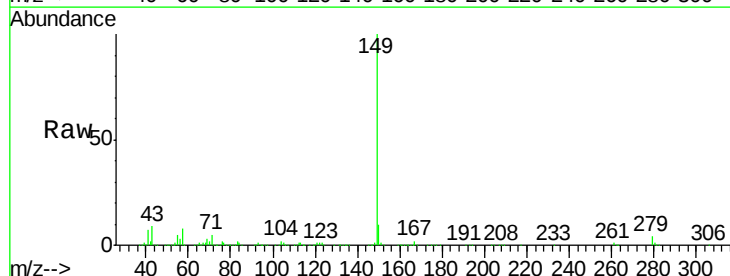
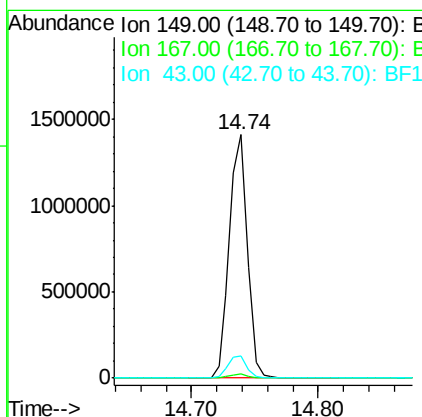
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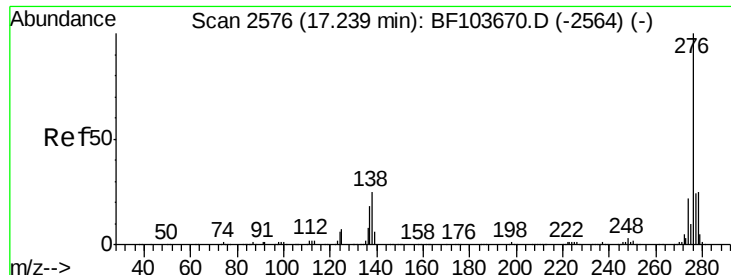
Sohil
 3/19/2018 2:00:48 PM



#84
 Di-n-octyl phthalate
 Concen: 41.164 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.4	12.6





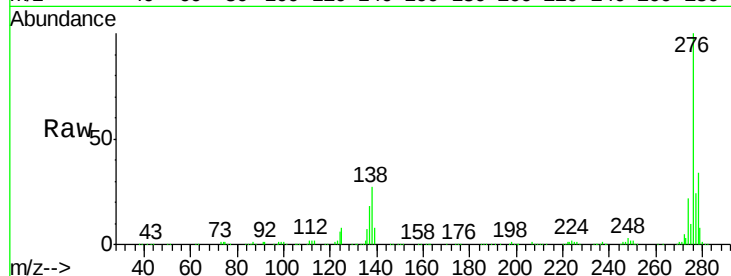
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.353 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

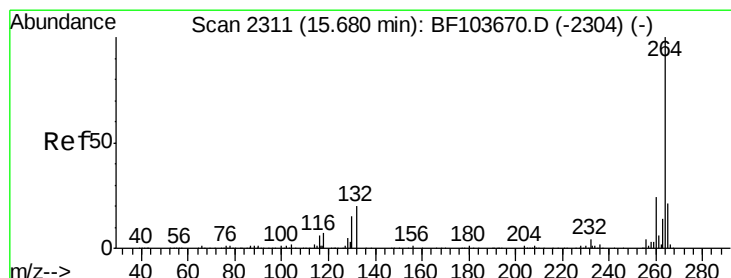
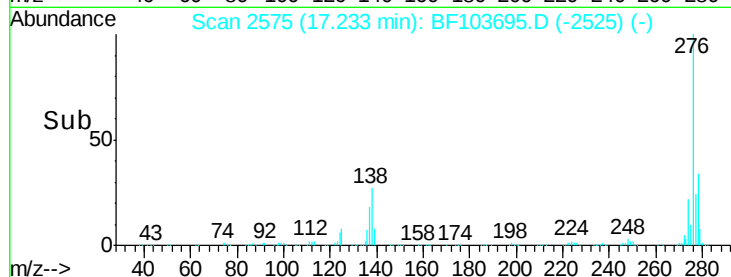
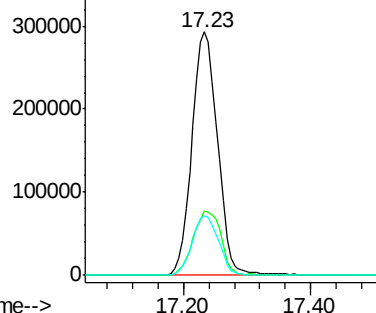
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	25.3	20.1	30.1

Manual Integrations
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3/19/2018 2:00:48 PM



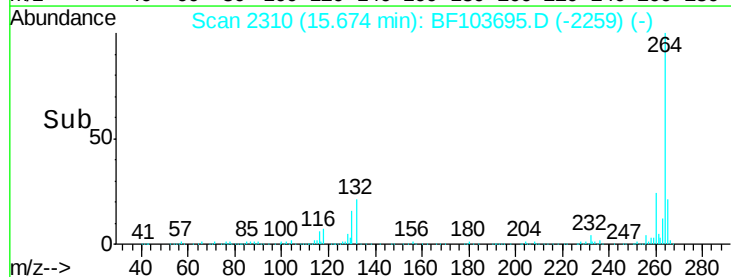
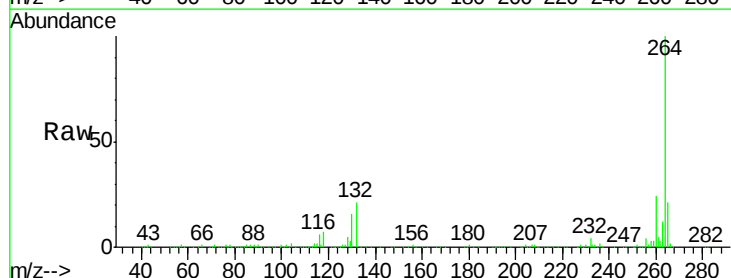
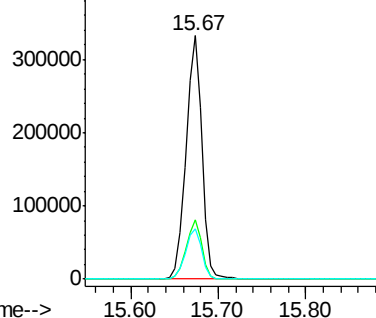
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

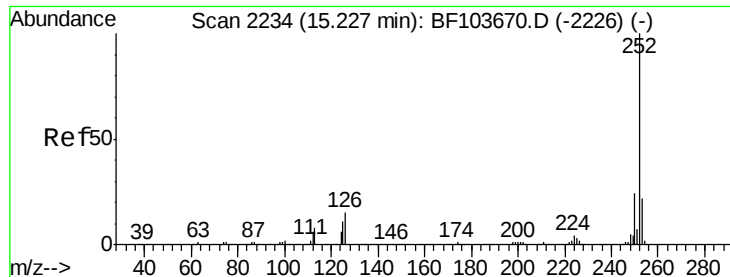


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.7	17.5	26.3

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





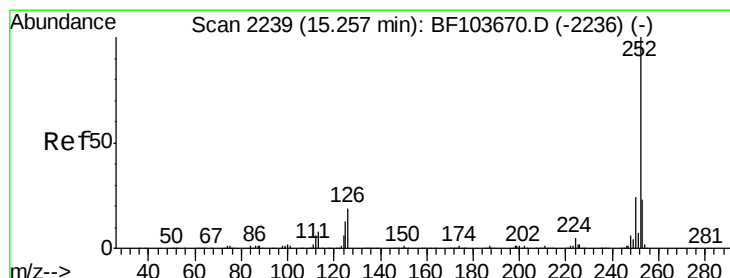
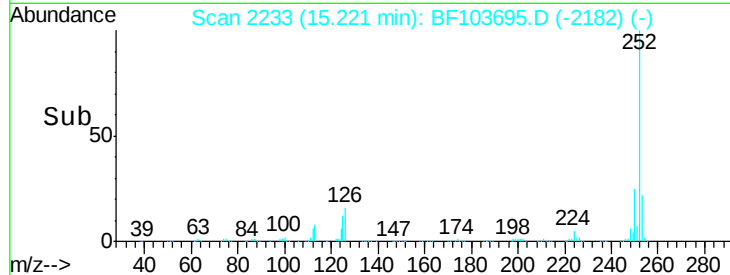
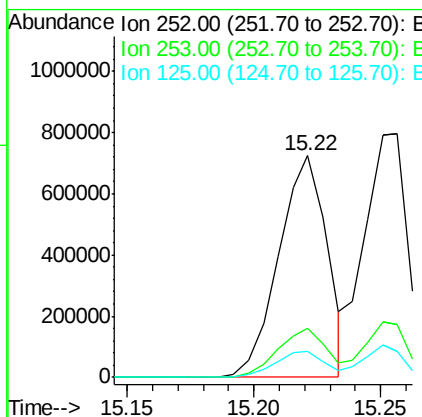
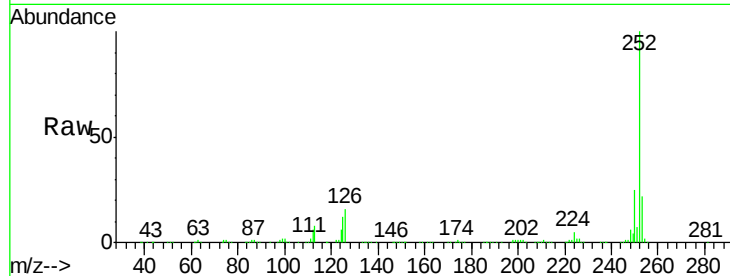
#87
Benzo(b)fluoranthene
Concen: 36.061 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.0	9.0	13.6

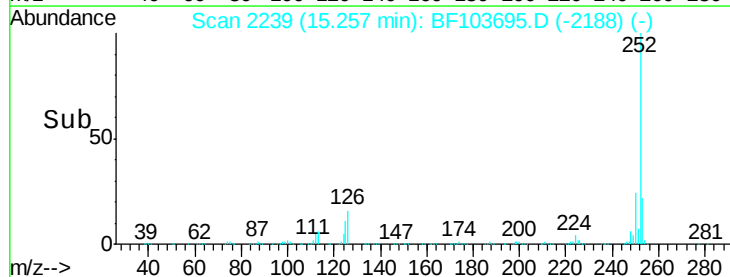
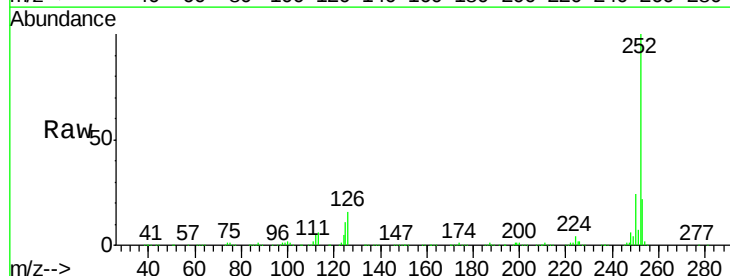
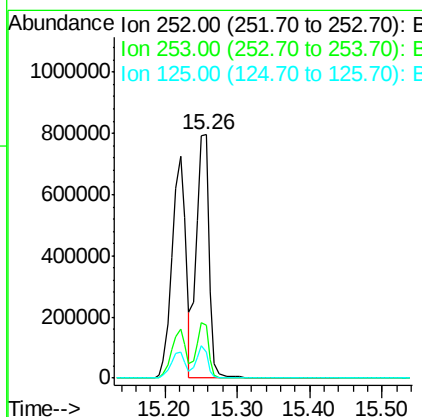
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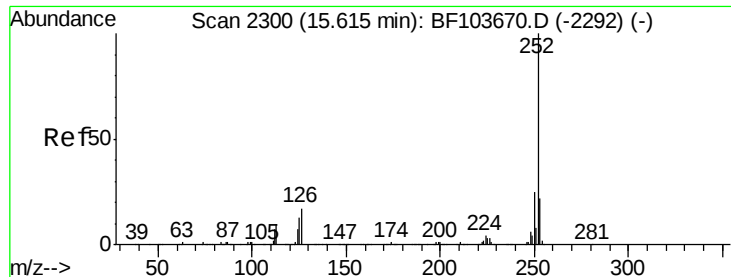
Sohil
3/19/2018 2:00:48 PM



#88
Benzo(k)fluoranthene
Concen: 37.862 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.6	10.2	15.2





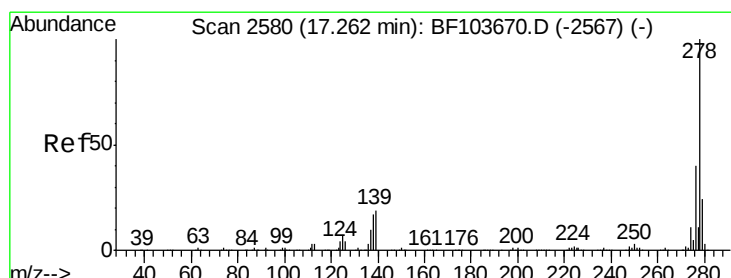
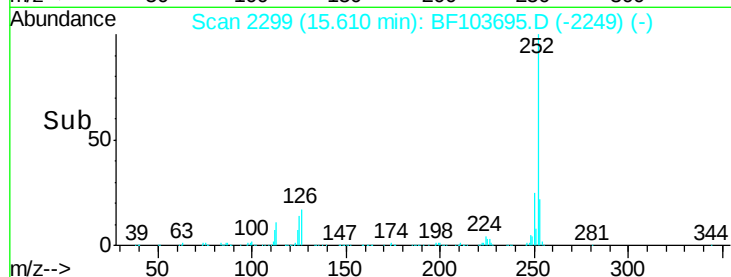
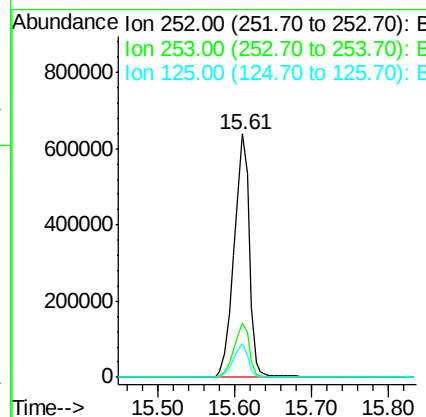
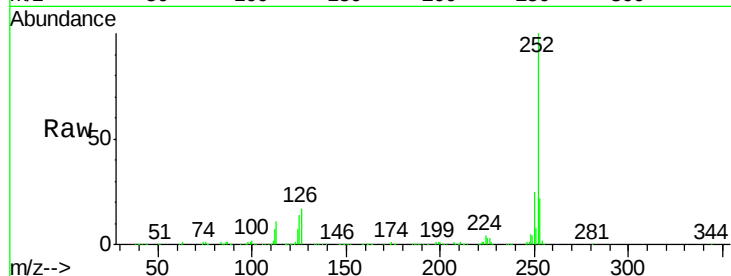
#89
Benzo(a)pyrene
Concen: 37.016 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Instrument :
BNA_F
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.7	9.8	14.6

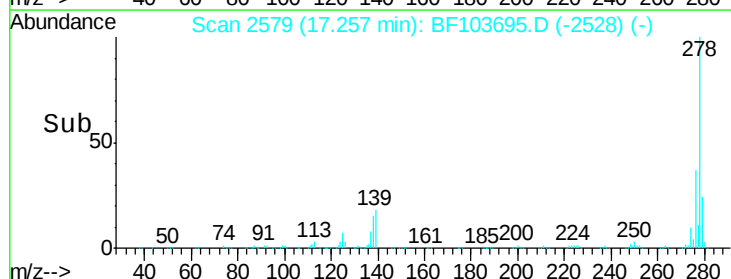
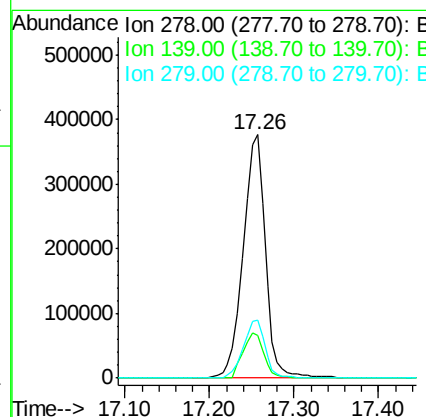
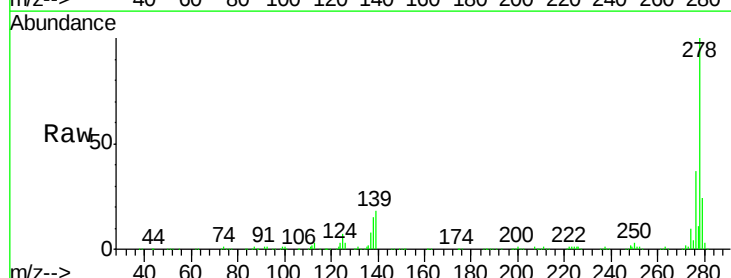
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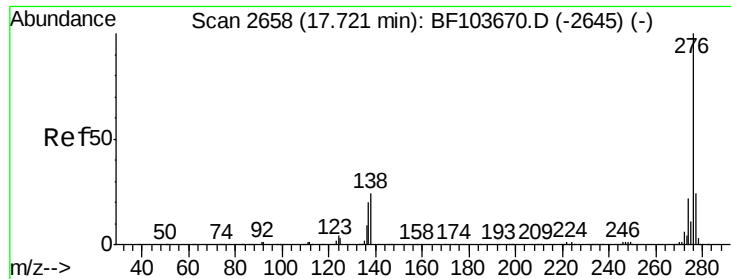
Sohil
3/19/2018 2:00:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.808 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF103695.D
Acq: 16 Mar 2018 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	23.7	19.0	28.4





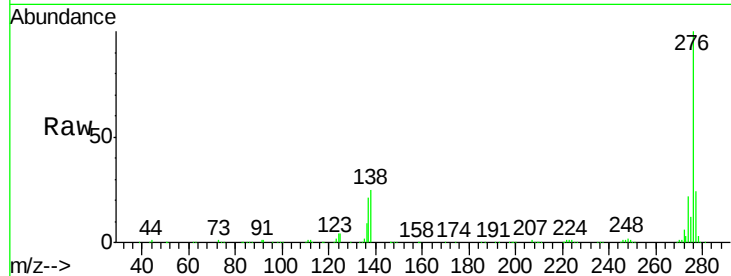
#91
 Benzo(a,h,i)perylene
 Concen: 32.896 ng
 RT: 17.71 min Scan# 2656
 Delta R.T. -0.01 min
 Lab File: BF103695.D
 Acq: 16 Mar 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	17.9	26.9
138	25.0	21.8	32.8

Manual Integrations
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Sohil
 3/19/2018 2:00:48 PM



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

