

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103848.D
 Acq On : 22 Mar 2018 13:41
 Operator : JU/SJ
 Sample : PB107541BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Manual Integrations
 APPROVED

Sohil
 3/23/2018 2:46:26 PM

Quant Time: Mar 22 17:06:51 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140605	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	579636	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	276473	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	505701	20.00	ng	0.00
75) Chrysene-d12	14.16	240	343354	20.00	ng	0.00
86) Perylene-d12	15.70	264	290694	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	733324	79.33	ng	0.00
7) Phenol-d6	6.59	99	914087	80.82	ng	0.00
23) Nitrobenzene-d5	7.53	82	789446	94.98	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	246600	103.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1412344	81.49	ng	0.00
78) Terphenyl-d14	13.10	244	1370727	92.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	147916	32.495	ng	90
3) Pyridine	3.65	79	421341	33.653	ng	86
4) n-Nitrosodimethylamine	3.61	42	167351	36.252	ng	81
6) Aniline	6.63	93	241573	14.959	ng	97
8) 2-Chlorophenol	6.76	128	406625	41.990	ng	95
9) Benzaldehyde	6.52	77	115236	15.509	ng	95
10) Phenol	6.60	94	489539	40.734	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	379879	38.291	ng	96
12) 1,3-Dichlorobenzene	6.91	146	410446	37.214	ng	98
13) 1,4-Dichlorobenzene	6.99	146	420533	37.944	ng	97
14) 1,2-Dichlorobenzene	7.15	146	387980	37.725	ng	97
15) Benzyl Alcohol	7.11	79	345886	39.472	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	503035	35.649	ng	94
17) 2-Methylphenol	7.22	107	340992	39.541	ng	97
18) Hexachloroethane	7.48	117	151727	38.919	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	262719	36.247	ng	92
20) 3+4-Methylphenols	7.37	107	422566	38.611	ng	# 88
22) Acetophenone	7.38	105	525005	35.242	ng	# 93
24) Nitrobenzene	7.56	77	413705	42.396	ng	93
25) Isophorone	7.79	82	765994	39.810	ng	99
26) 2-Nitrophenol	7.87	139	219001	56.826	ng	93
27) 2,4-Dimethylphenol	7.90	122	379434	46.031	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	490433	42.092	ng	99
29) 2,4-Dichlorophenol	8.10	162	336630	44.887	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	334868	38.499	ng	99
31) Naphthalene	8.28	128	1129732	38.584	ng	100
32) Benzoic acid	8.01	122	241634	42.877	ng	97
33) 4-Chloroaniline	8.32	127	63452	5.165	ng	97
34) Hexachlorobutadiene	8.39	225	176943	37.103	ng	98
35) Caprolactam	8.70	113	115382m	44.681	ng	
36) 4-Chloro-3-methylphenol	8.80	107	371501	44.935	ng	99
37) 2-Methylnaphthalene	8.97	142	760419	40.953	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	317960	40.312	ng	99
40) Hexachlorocyclopentadiene	9.12	237	304221	74.748	ng	98

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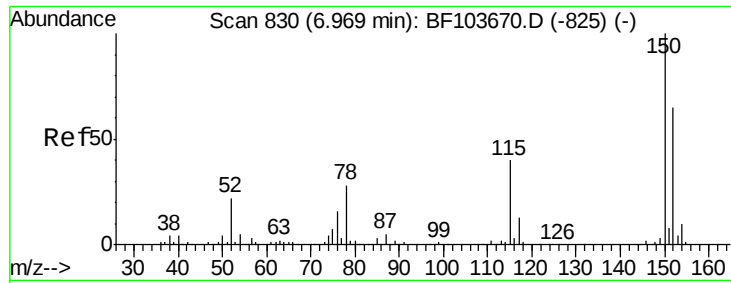
Manual Integrations
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Sohil
 3/23/2018 2:46:26 PM

Quant Time: Mar 22 17:06:51 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	235319	46.644	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	249733	43.857	ng	96
45) 1,1'-Biphenyl	9.43	154	885642	38.416	ng	99
46) 2-Chloronaphthalene	9.46	162	712905	38.934	ng	97
47) 2-Nitroaniline	9.55	65	222462	46.663	ng	97
48) Acenaphthylene	9.88	152	1108913	39.054	ng	99
49) Dimethylphthalate	9.73	163	863933	40.957	ng	99
50) 2,6-Dinitrotoluene	9.80	165	197541	48.378	ng	# 84
51) Acenaphthene	10.05	154	726671	43.101	ng	99
52) 3-Nitroaniline	9.96	138	68626	16.732	ng	96
53) 2,4-Dinitrophenol	10.07	184	150407	99.937	ng	# 18
54) Dibenzofuran	10.22	168	989138	41.078	ng	100
55) 4-Nitrophenol	10.12	139	349627	89.879	ng	95
56) 2,4-Dinitrotoluene	10.20	165	262606	50.437	ng	90
57) Fluorene	10.57	166	760411	40.697	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	201993	50.062	ng	94
59) Diethylphthalate	10.43	149	836680	39.964	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	355664	41.651	ng	100
61) 4-Nitroaniline	10.59	138	194663	41.878	ng	89
62) Azobenzene	10.72	77	807397	37.933	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	104934	53.457	ng	82
65) n-Nitrosodiphenylamine	10.67	169	694728	40.360	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	225154	43.364	ng	92
67) Hexachlorobenzene	11.12	284	242273	40.882	ng	# 90
68) Atrazine	11.20	200	230757	43.337	ng	99
69) Pentachlorophenol	11.31	266	245919	72.181	ng	96
70) Phenanthrene	11.53	178	1102432	39.852	ng	99
71) Anthracene	11.59	178	1139323	40.551	ng	100
72) Carbazole	11.74	167	1065872	39.031	ng	100
73) Di-n-butylphthalate	12.06	149	1336622	40.792	ng	100
74) Fluoranthene	12.73	202	1136469	39.877	ng	99
76) Benzidine	12.85	184	346613	23.669	ng	98
77) Pyrene	12.96	202	1132450	44.911	ng	100
79) Butylbenzylphthalate	13.56	149	555085	49.686	ng	97
80) Benzo(a)anthracene	14.15	228	903247	41.559	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	141655	19.485	ng	98
82) Chrysene	14.19	228	840169	40.552	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	778952	48.807	ng	99
84) Di-n-octyl phthalate	14.74	149	1223997	52.716	ng	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	842700	46.576	ng	98
87) Benzo(b)fluoranthene	15.24	252	760286	41.398	ng	96
88) Benzo(k)fluoranthene	15.27	252	701758	39.751	ng	99
89) Benzo(a)pyrene	15.63	252	712648	42.782	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	694802	48.171	ng	99
91) Benzo(g,h,i)perylene	17.76	276	702671	50.076	ng	97

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



#1

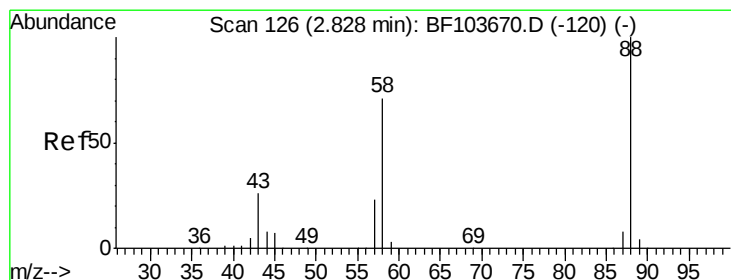
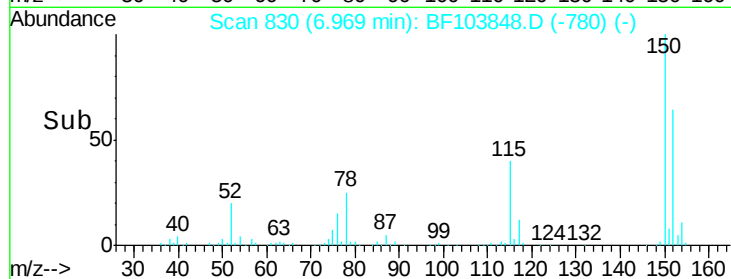
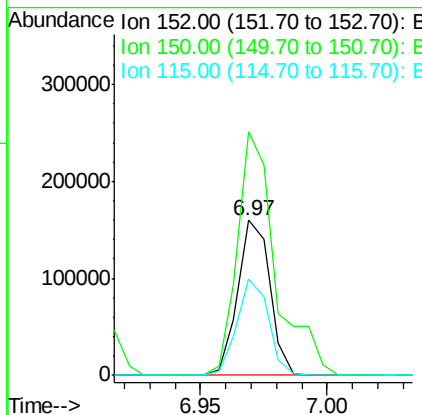
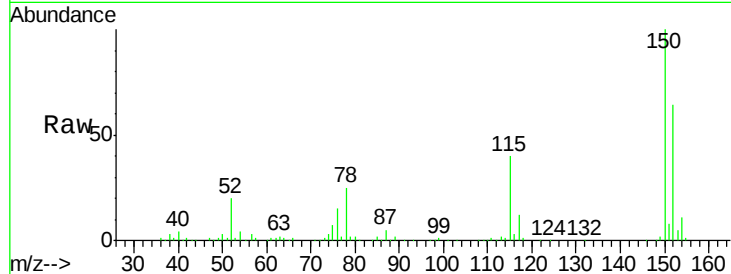
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.1	50.1	75.1

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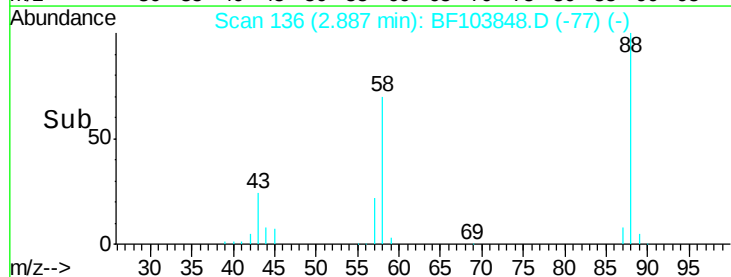
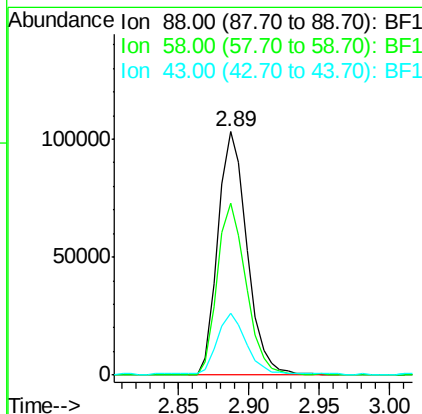
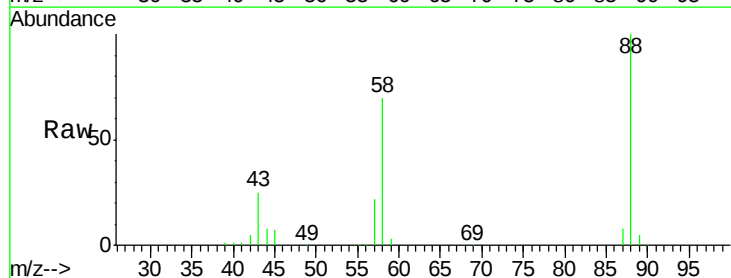
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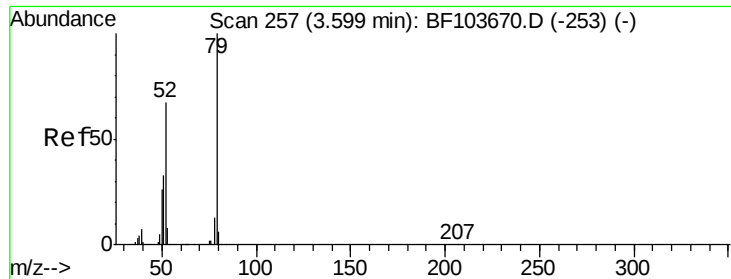


#2

1,4-Dioxane
Concen: 32.495 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.05 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	62.6	93.8
43	24.9	24.6	37.0





#3

Pyridine

Concen: 33.653 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.04 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

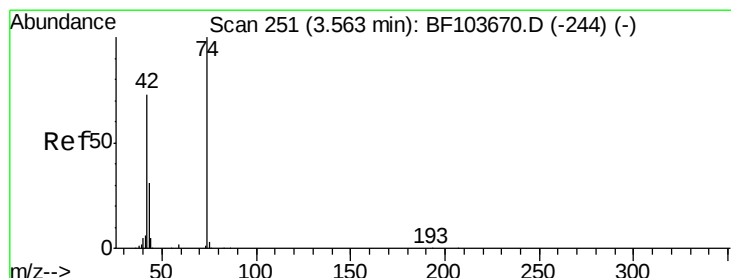
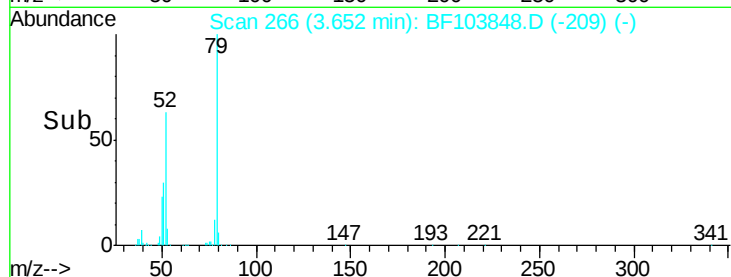
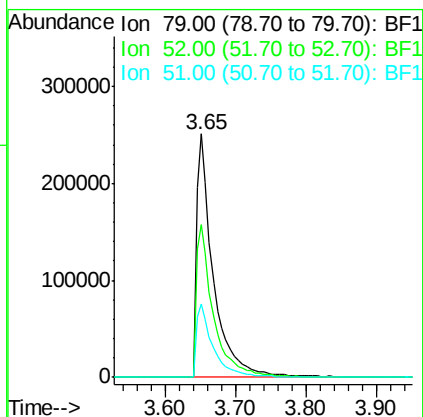
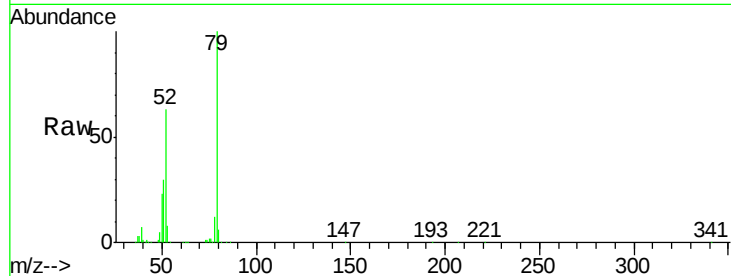
ClientSampleId :

PB107541BS

Tgt Ion:	79	Resp:	421341
Ion Ratio	Lower	Upper	
79	100		
52	62.5	59.8	89.6
51	30.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.252 ng

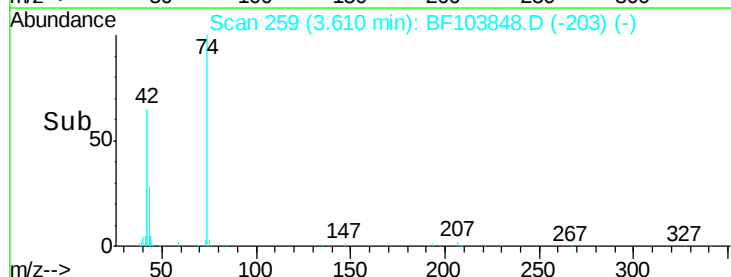
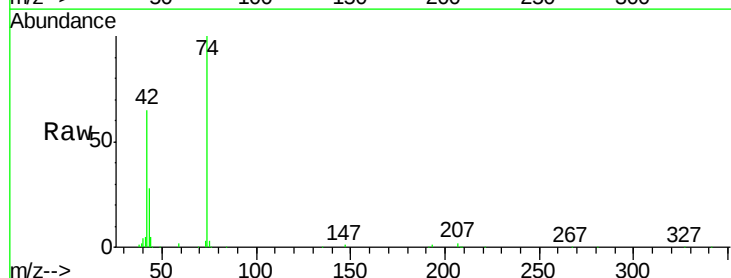
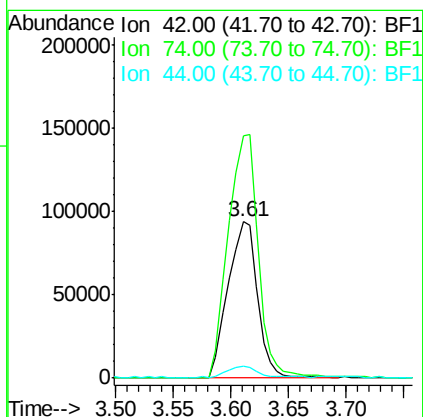
RT: 3.61 min Scan# 259

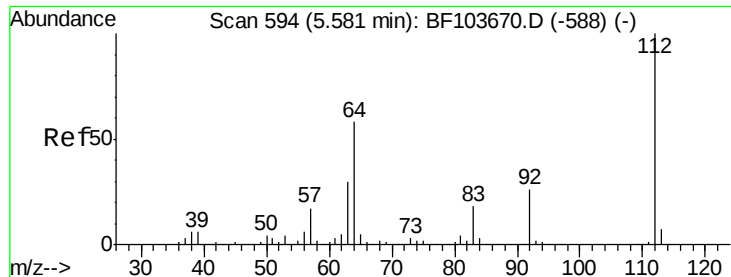
Delta R.T. 0.03 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	42	Resp:	167351
Ion Ratio	Lower	Upper	
42	100		
74	155.0	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 79.327 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

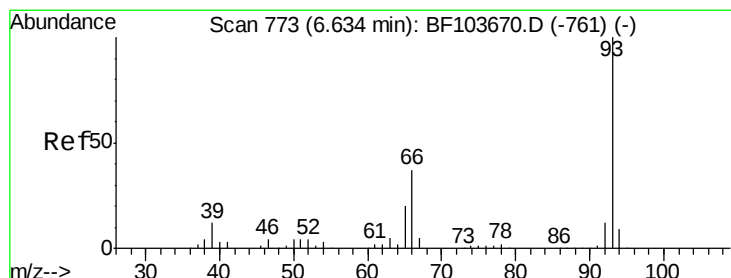
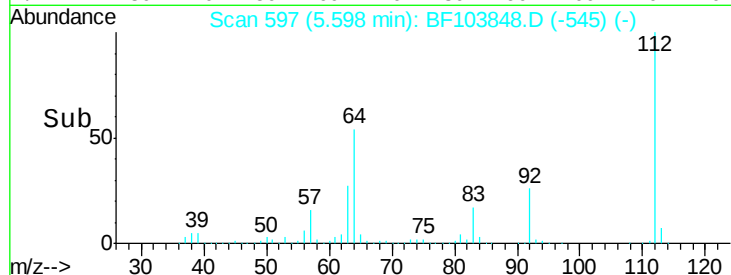
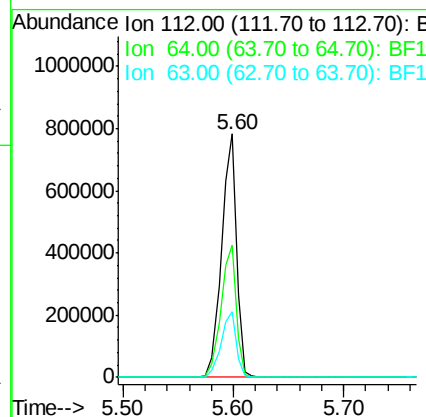
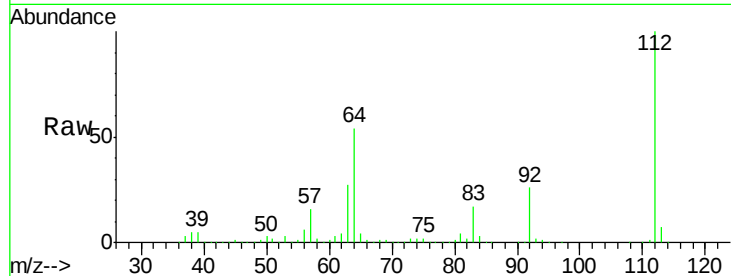
ClientSampled :

PB107541BS

Tgt Ion:	112	Resp:	733324
Ion Ratio	Lower	Upper	
112	100		
64	54.3	47.9	71.9
63	26.9	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 14.959 ng

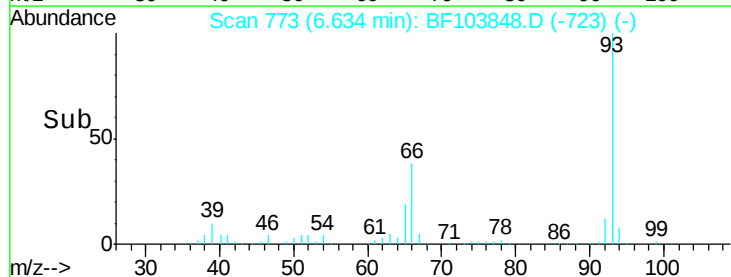
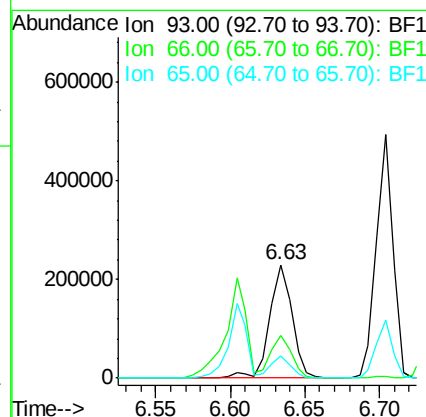
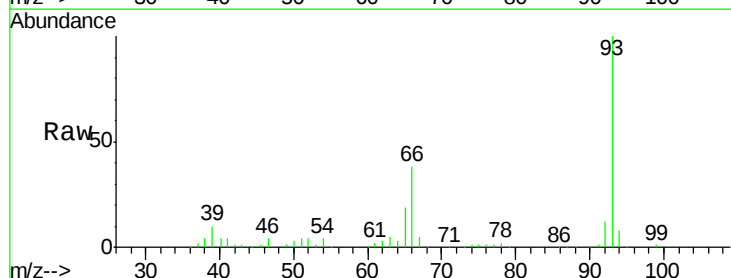
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	93	Resp:	241573
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.2	48.2
65	19.1	16.4	24.6





#7

Phenol-d6

Concen: 80.823 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

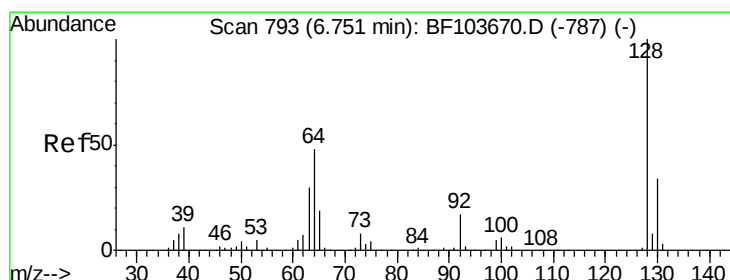
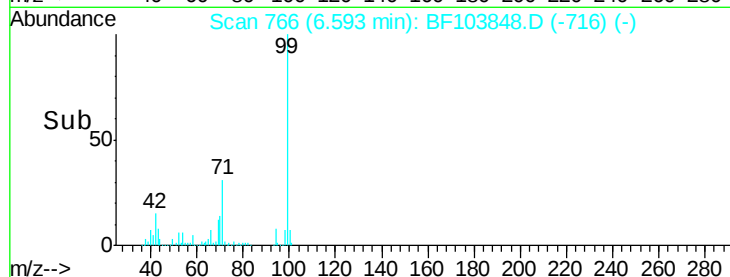
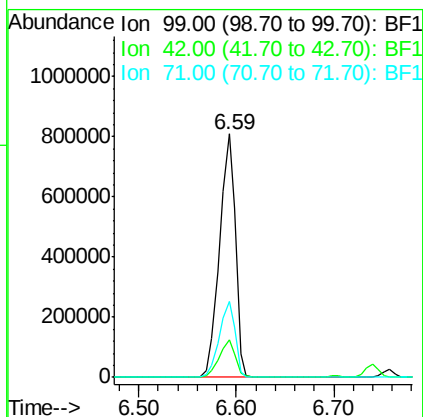
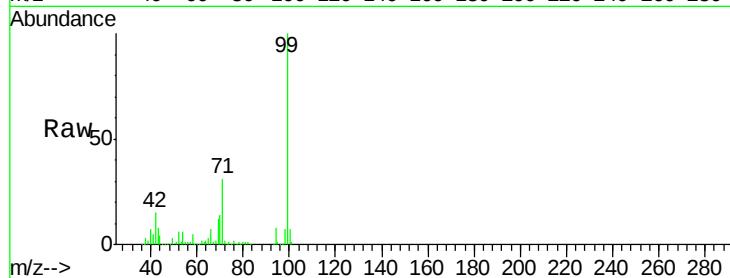
ClientSampleId :

PB107541BS

Tgt Ion:	99	Resp:	914087
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	31.4	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.990 ng

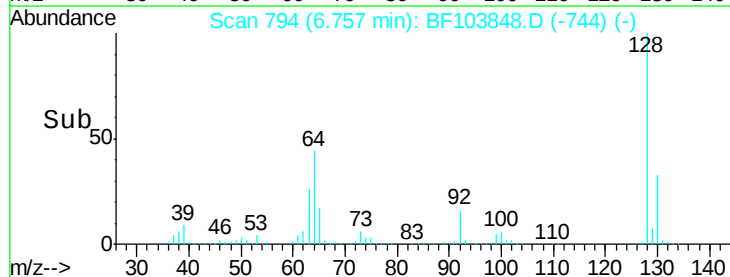
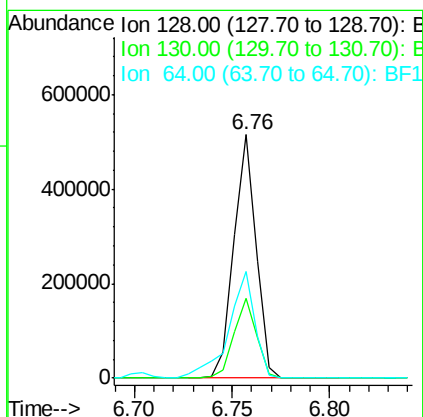
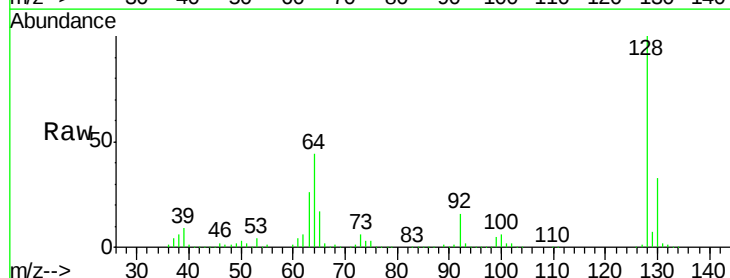
RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	128	Resp:	406625
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	43.7	29.4	69.4





#9

Benzaldehyde

Concen: 15.509 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

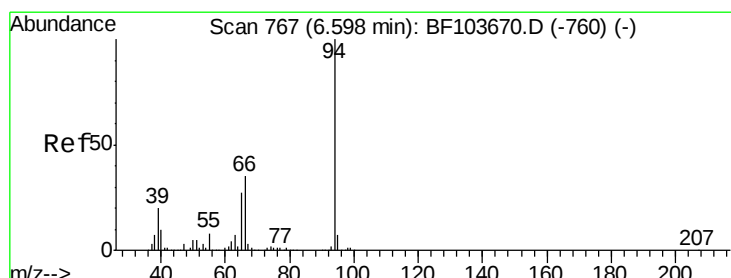
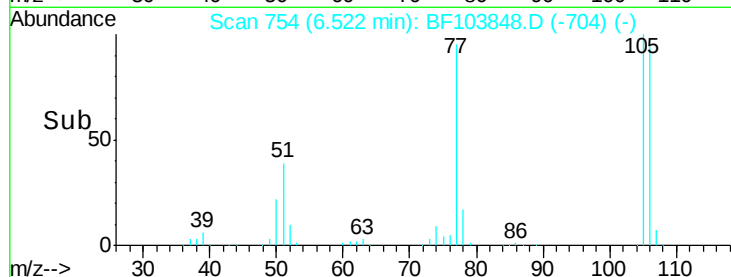
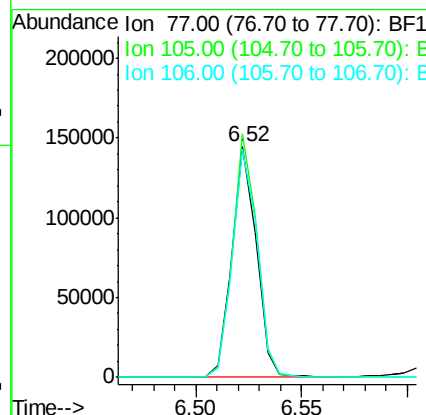
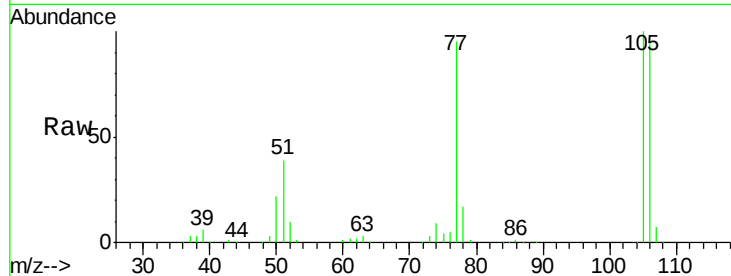
ClientSampleId :

PB107541BS

Tgt Ion:	77	Resp:	115236
Ion	Ratio	Lower	Upper
77	100		
105	105.6	81.1	121.1
106	99.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.734 ng

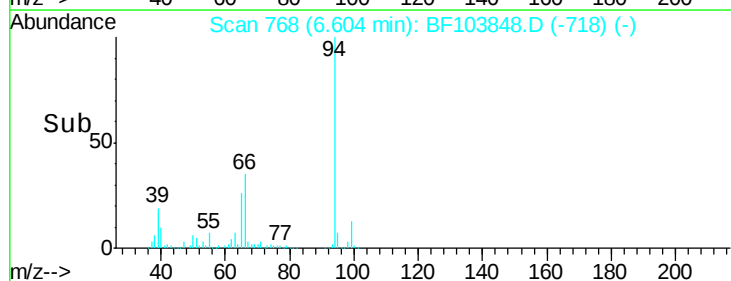
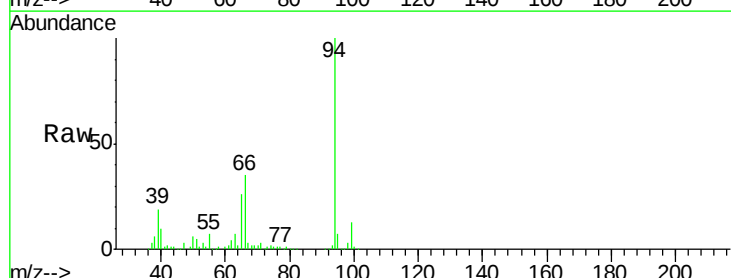
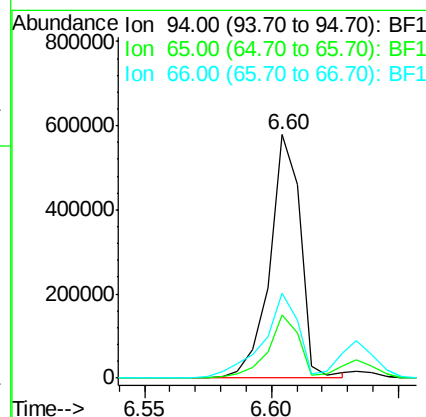
RT: 6.60 min Scan# 768

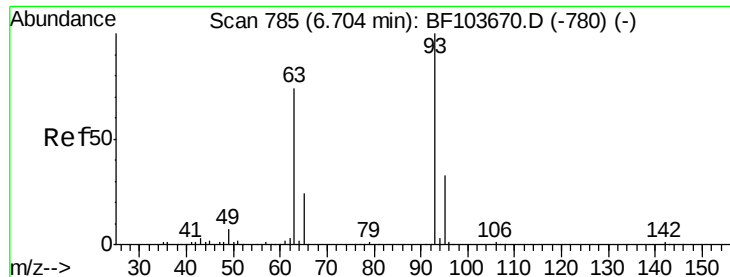
Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	94	Resp:	489539
Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	34.9	16.2	56.2





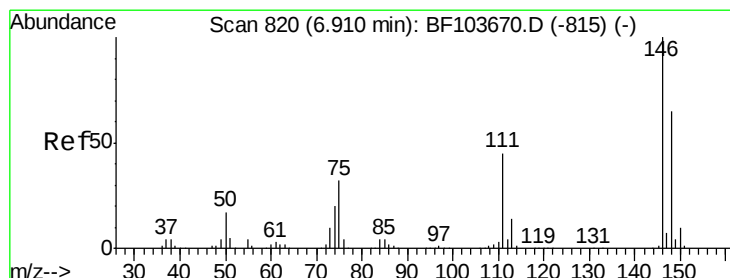
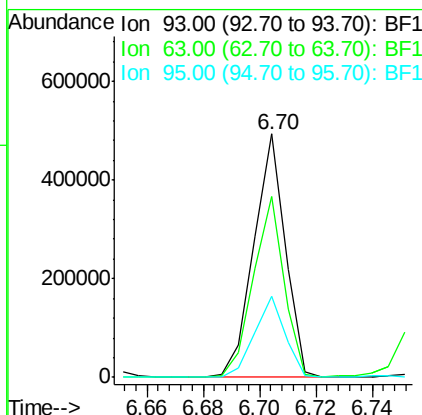
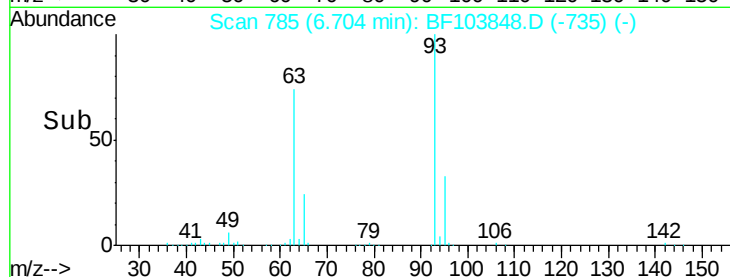
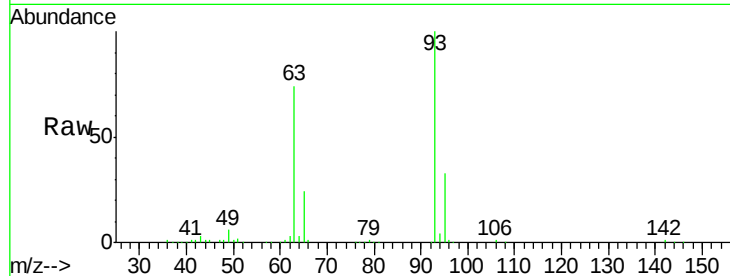
#11
bis(2-Chloroethyl)ether
Concen: 38.291 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion:	93	Resp:	379879
Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.6	98.6
95	33.2	11.8	51.8

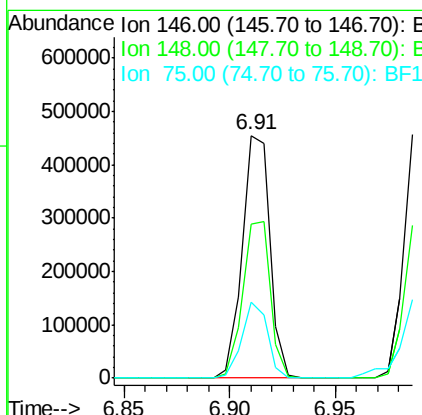
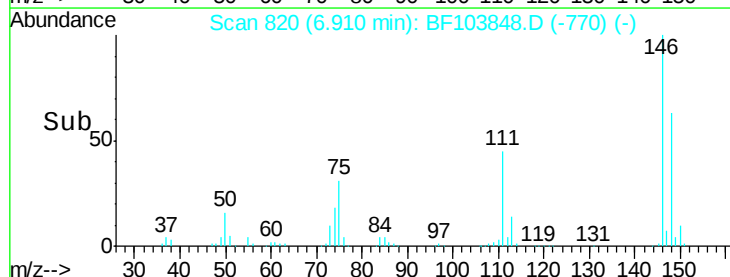
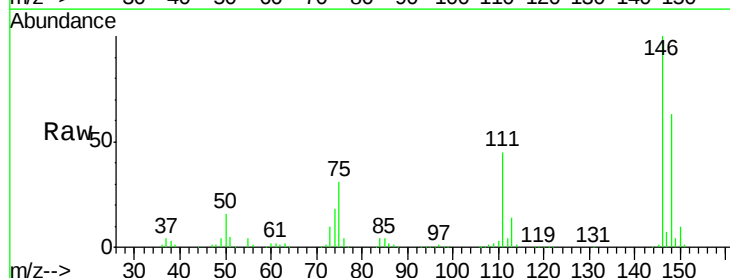
Manual Integrations
APPROVED

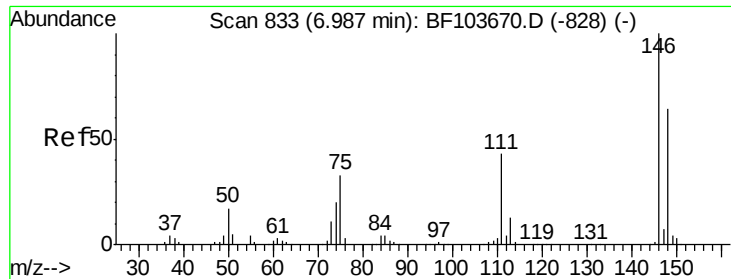
Sohil
3/23/2018 2:46:26 PM



#12
1,3-Dichlorobenzene
Concen: 37.214 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion:	146	Resp:	410446
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	31.1	24.2	36.4





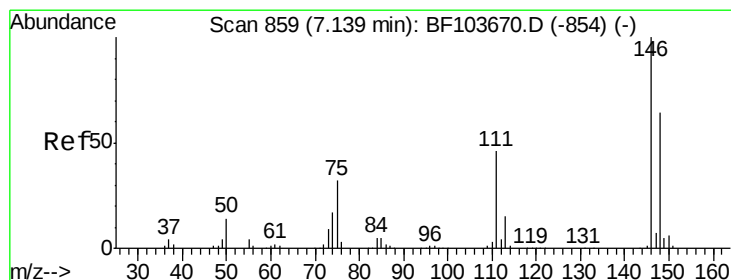
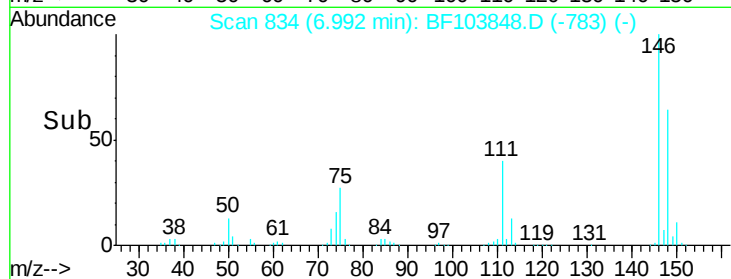
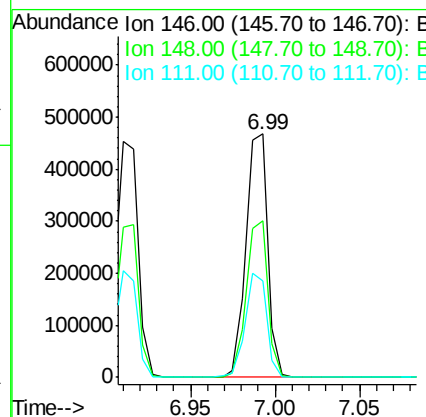
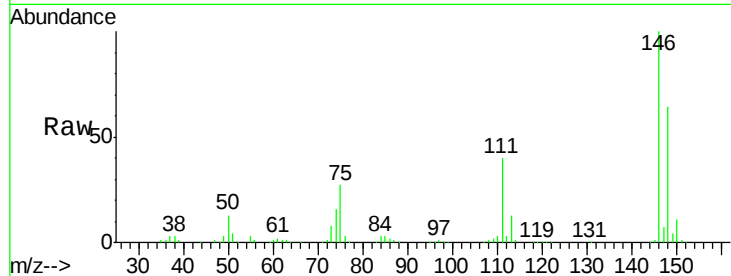
#13
 1,4-Dichlorobenzene
 Concen: 37.944 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	39.5	34.2	51.2

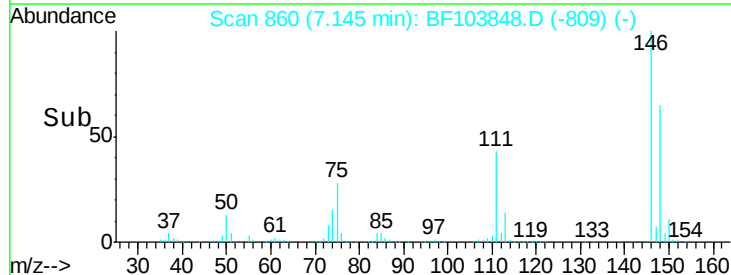
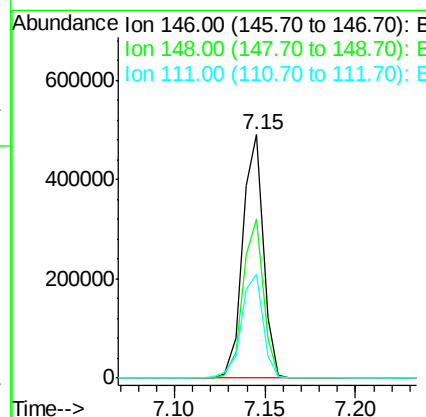
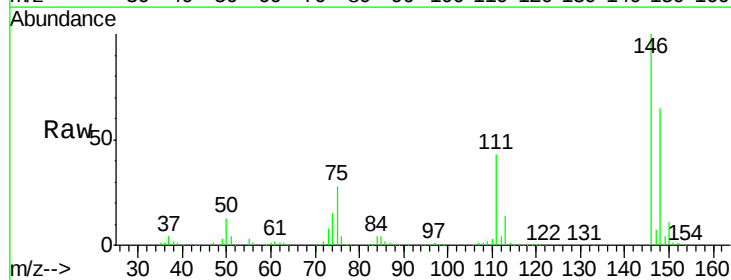
Manual Integrations
 APPROVED

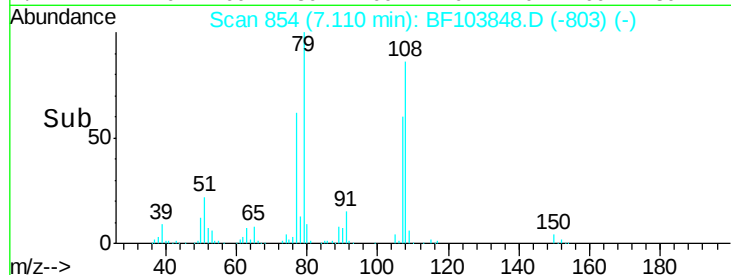
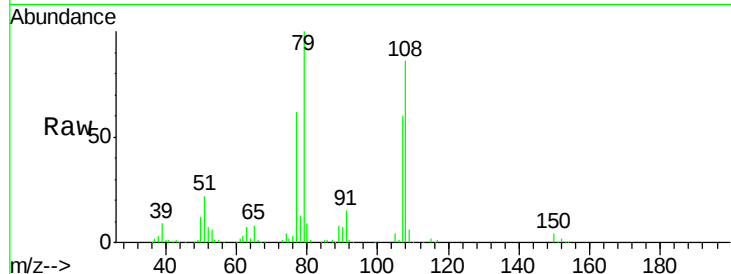
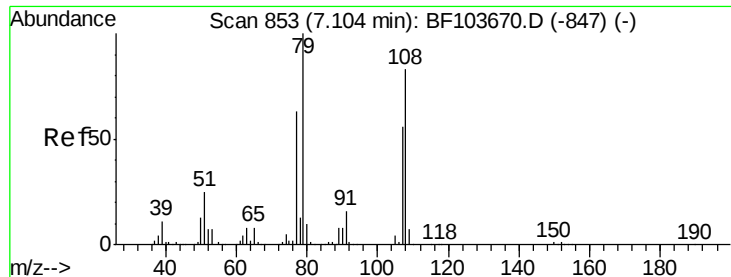
Sohil
 3/23/2018 2:46:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.725 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
111	43.0	36.0	54.0





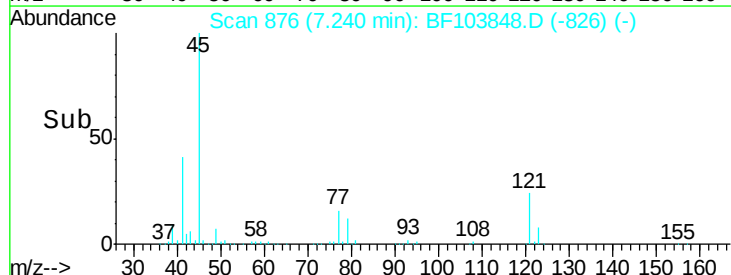
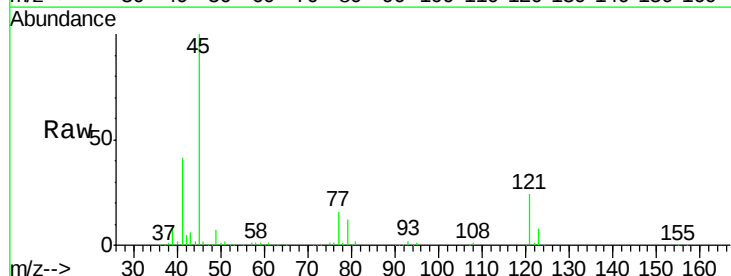
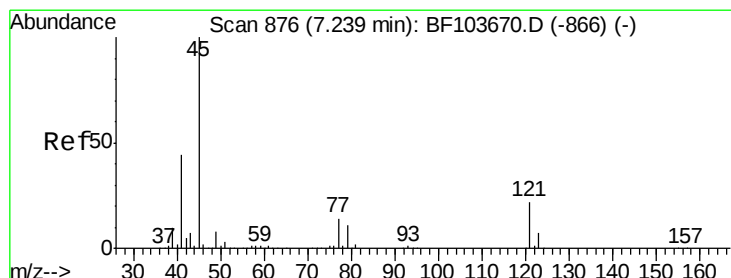
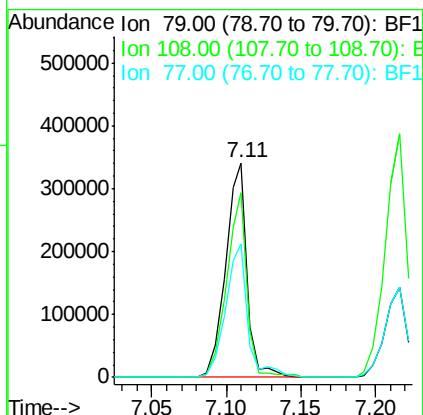
#15
Benzyl Alcohol
Concen: 39.472 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion: 79 Resp: 345886
Ion Ratio Lower Upper
79 100
108 85.7 65.1 97.7
77 62.0 50.6 75.8

Instrument :
BNA_F
ClientSampled :
PB107541BS

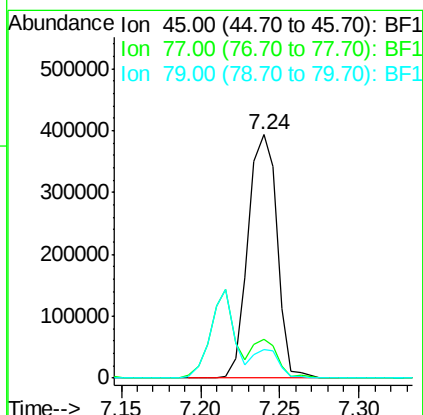
Manual Integrations
APPROVED

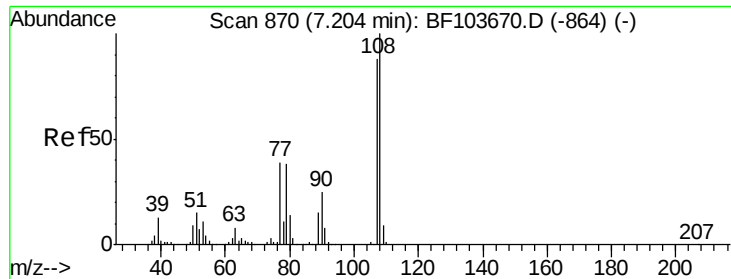
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.649 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion: 45 Resp: 503035
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.9
79 11.7 0.0 29.6





#17

2-Methylphenol

Concen: 39.541 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

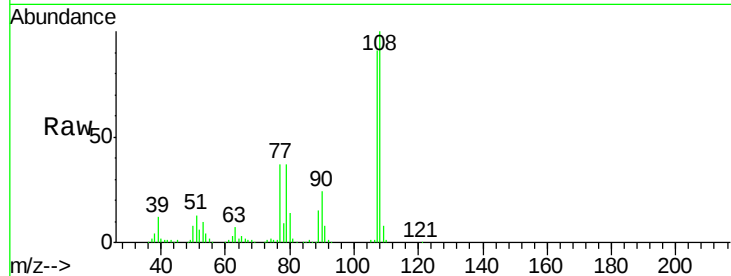
ClientSampleId :

PB107541BS

Tgt Ion:	107	Resp:	340992
Ion Ratio	Lower	Upper	
107	100		
108	110.3	91.7	137.5
77	40.6	33.8	50.8
79	40.7	33.8	50.8

Manual Integrations
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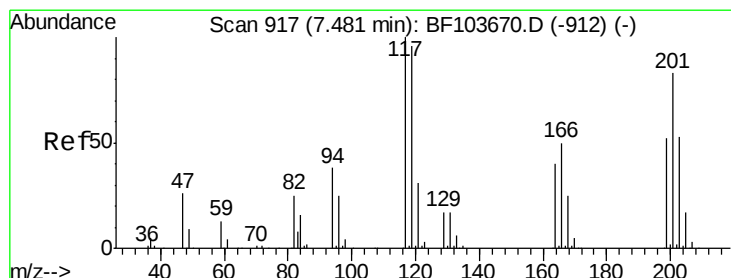
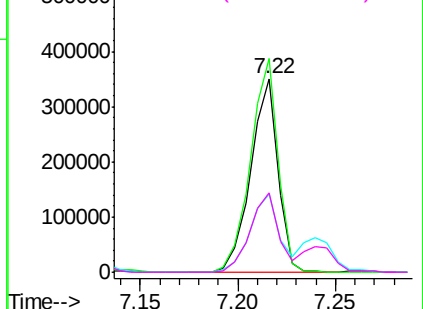
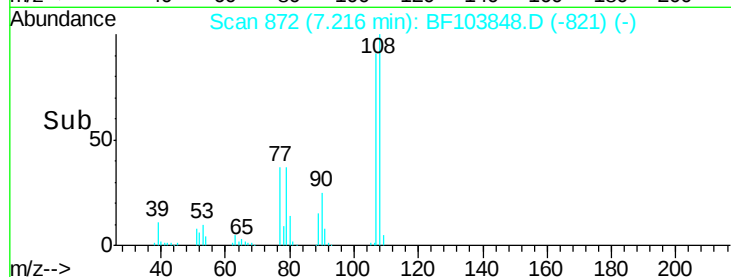


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.919 ng

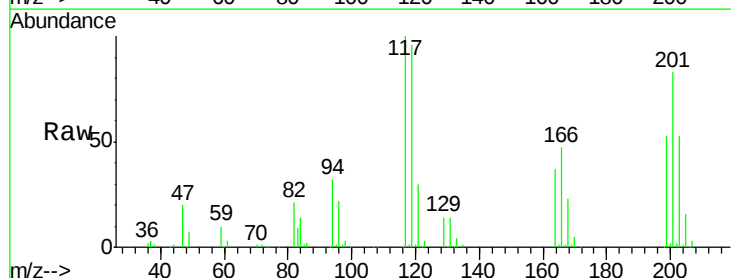
RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

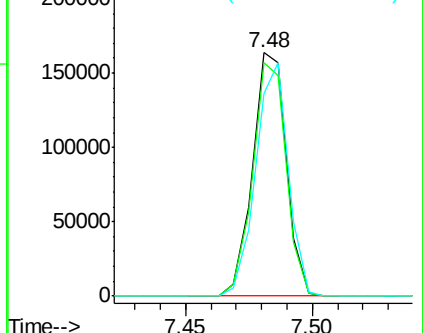
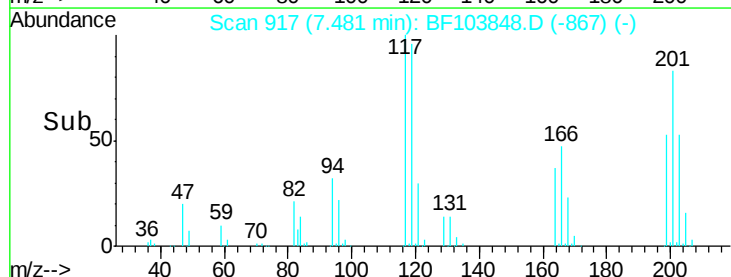
Tgt Ion:	117	Resp:	151727
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.8	113.8
201	83.4	75.7	113.5

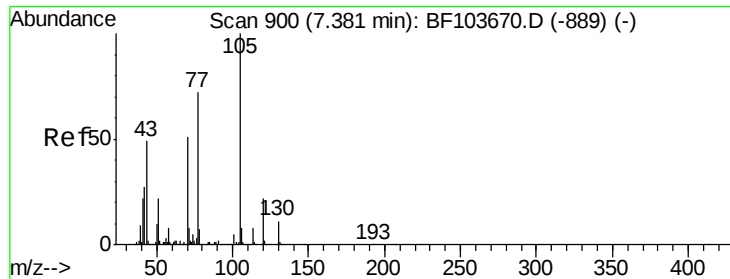


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





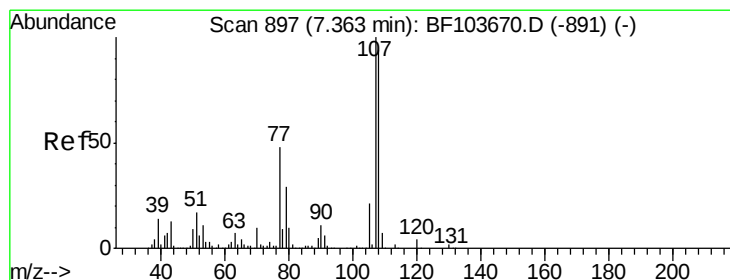
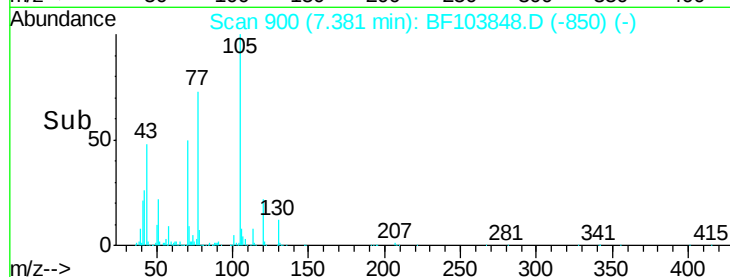
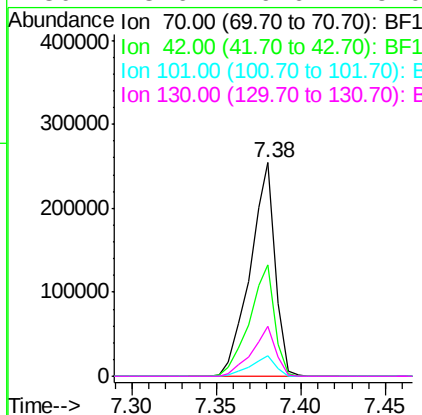
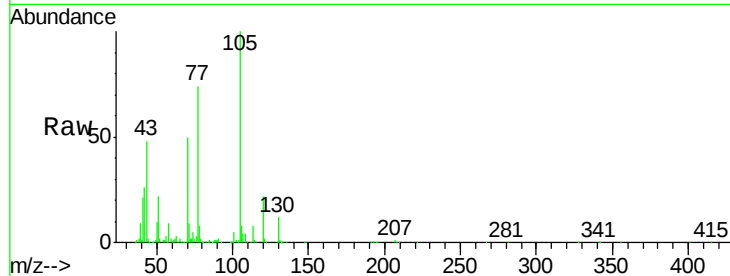
#19
n-Nitroso-di-n-propylamine
Concen: 36.247 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	262719		
42	51.9	47.5	71.3	
101	9.8	7.4	11.2	
130	23.6	16.6	25.0	

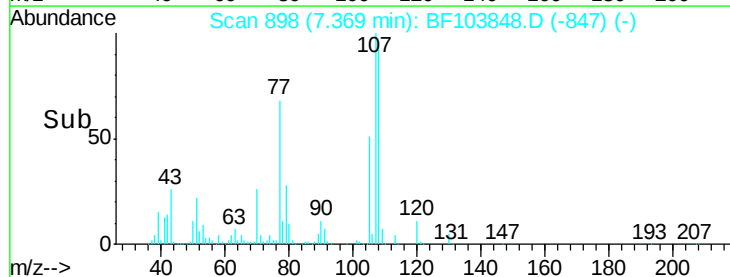
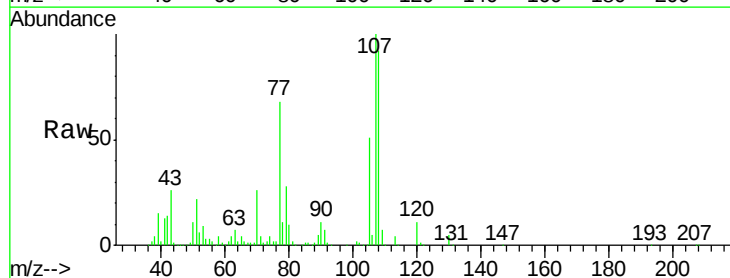
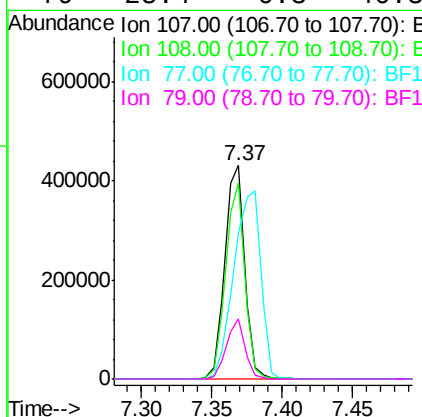
Manual Integrations
APPROVED

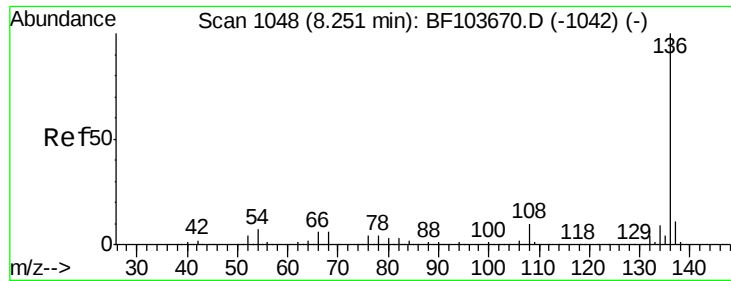
Sohil
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#20
3+4-Methylphenols
Concen: 38.611 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	422566		
108	91.8	68.2	108.2	
77	68.3	26.7	66.7	
79	28.4	6.3	46.3	





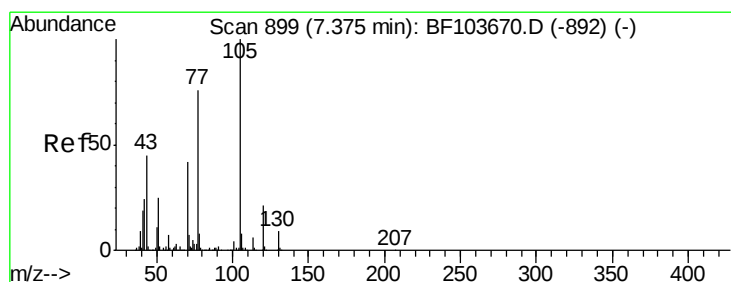
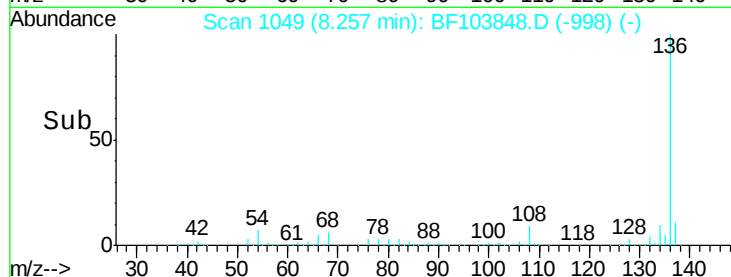
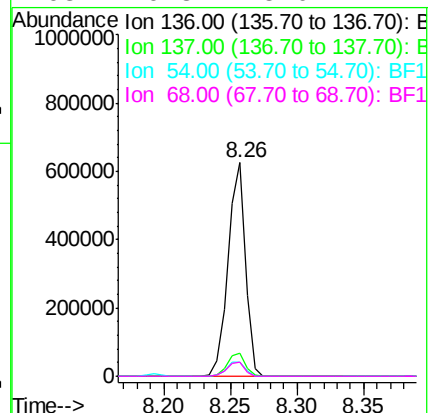
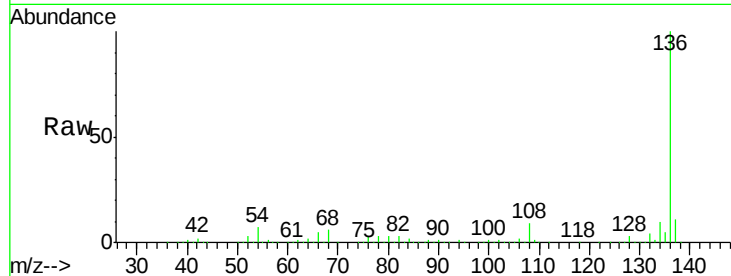
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	6.3	5.0	7.4

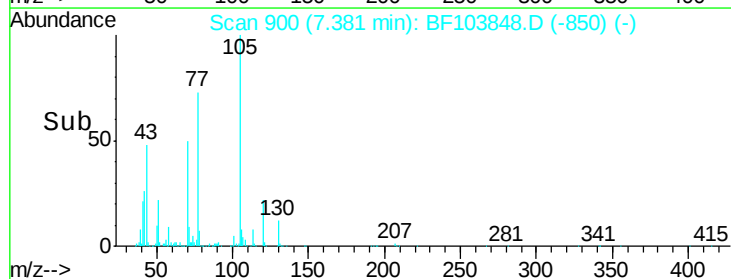
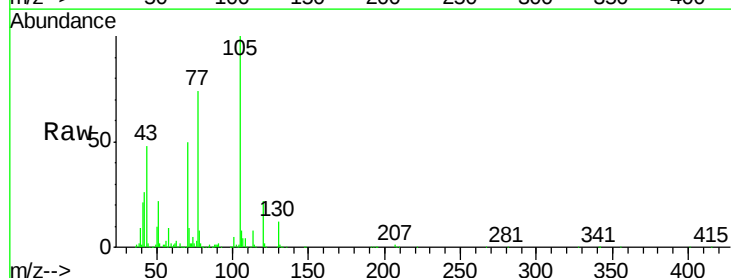
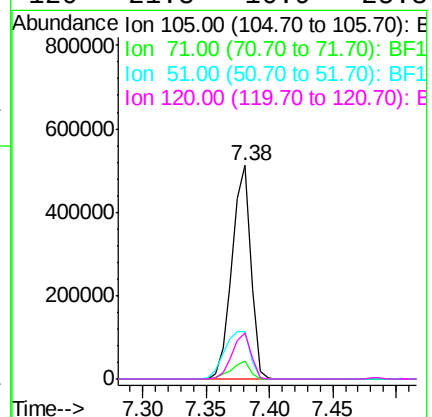
Manual Integrations
APPROVED

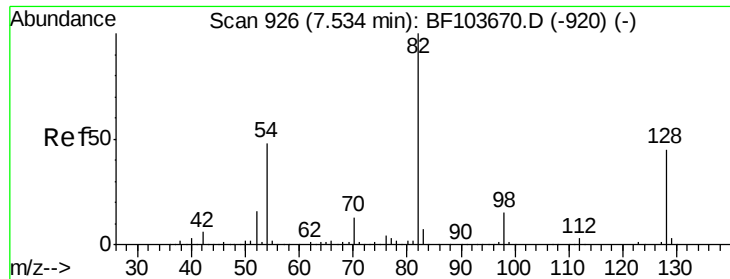
Sohil
3/23/2018 2:46:26 PM



#22
Acetophenone
Concen: 35.242 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	8.6	4.4	6.6#
51	22.2	22.3	33.5#
120	21.8	16.9	25.3





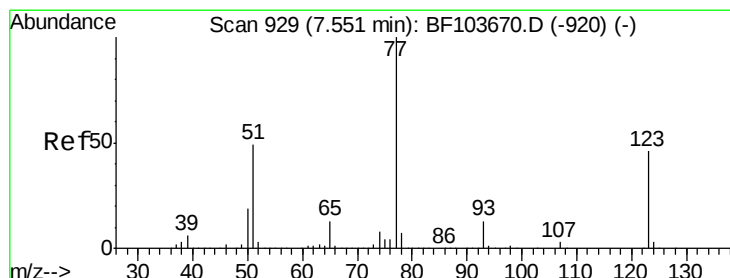
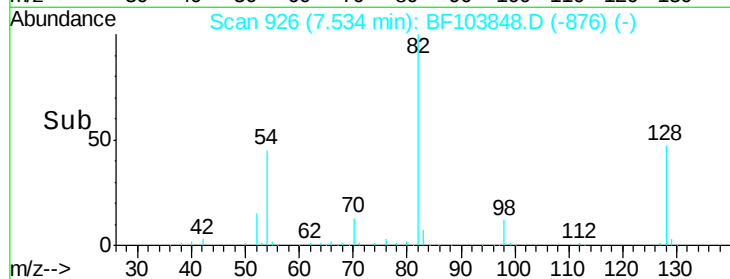
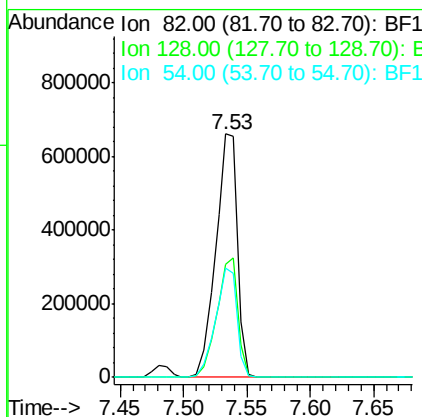
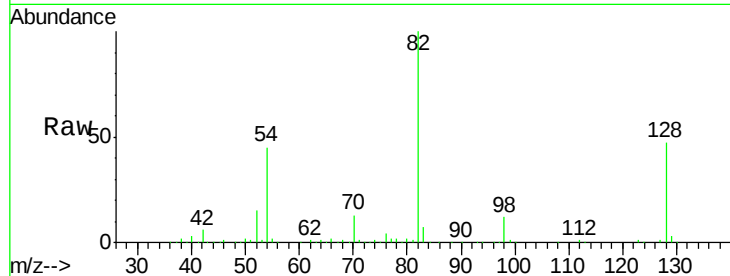
#23
 Nitrobenzene-d5
 Concen: 94.978 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	789446		
128	46.6	36.1	54.1	
54	45.1	41.4	62.2	

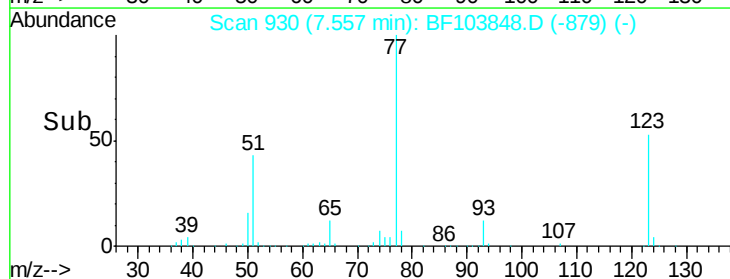
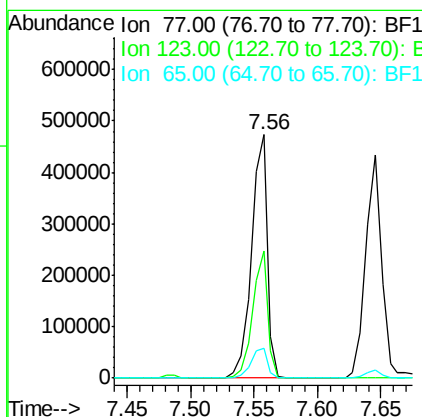
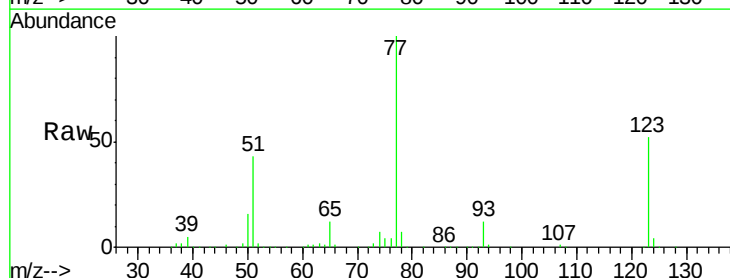
Manual Integrations
 APPROVED

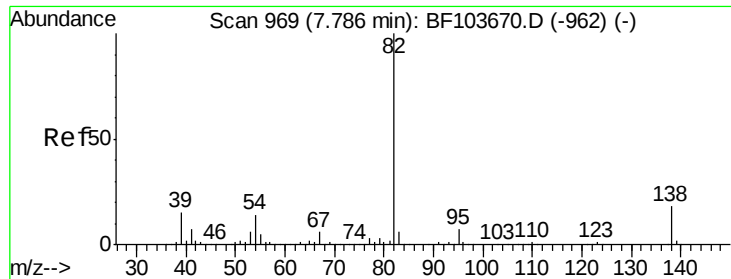
Sohil
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#24
 Nitrobenzene
 Concen: 42.396 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	413705		
123	52.4	37.9	56.9	
65	12.3	11.0	16.4	





#25

Isophorone

Concen: 39.810 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

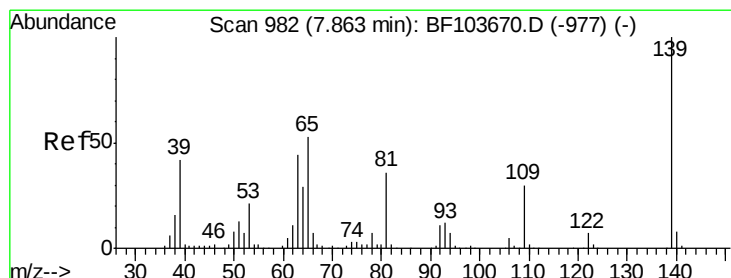
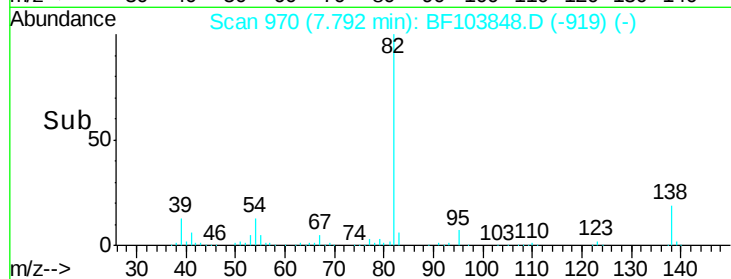
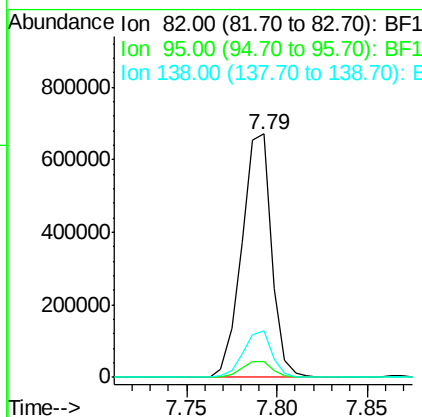
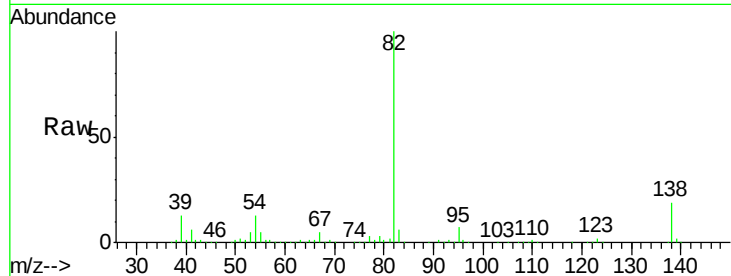
ClientSampleId :

PB107541BS

Tgt Ion:	82	Resp:	765994
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.826 ng

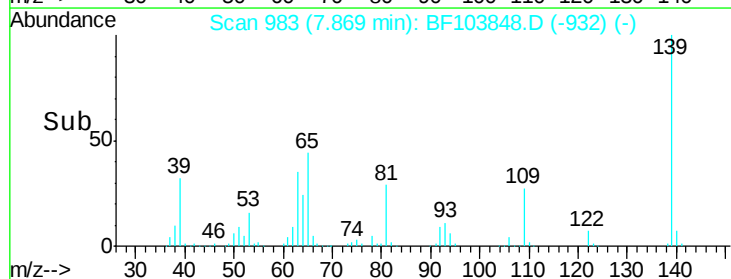
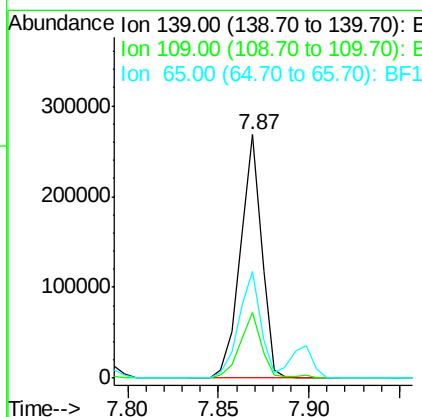
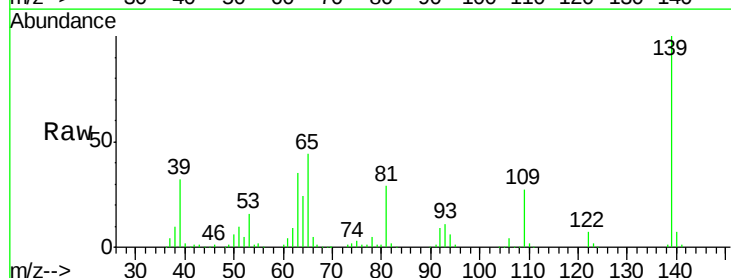
RT: 7.87 min Scan# 983

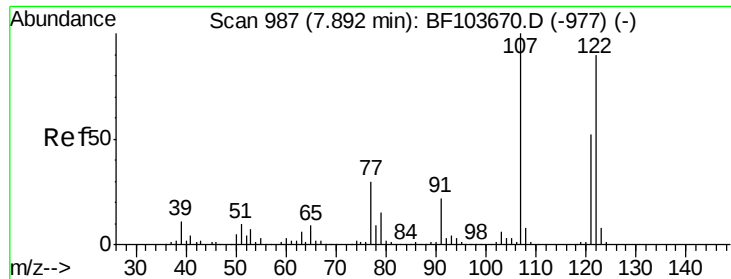
Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	139	Resp:	219001
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	44.0	40.5	60.7





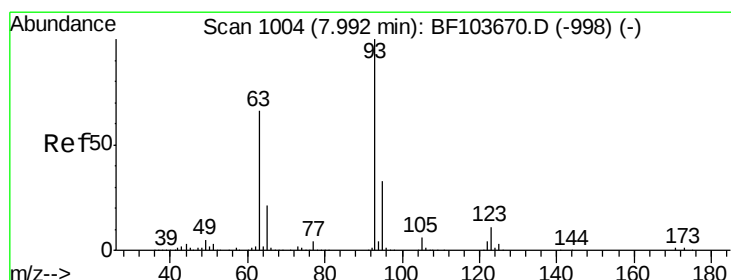
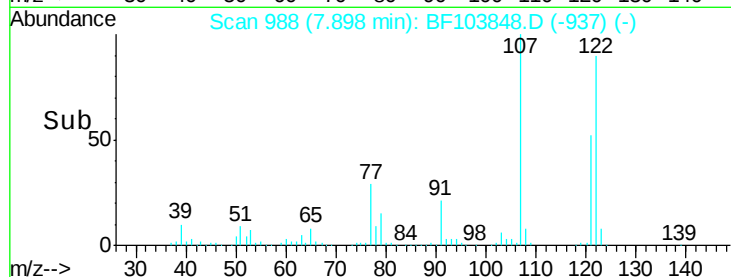
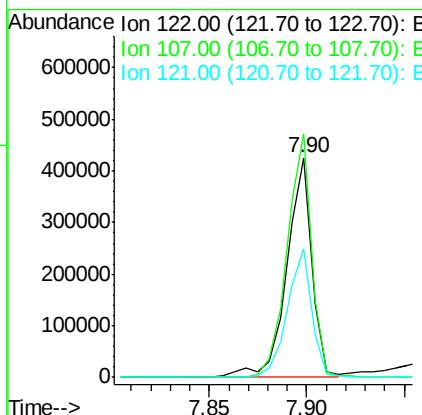
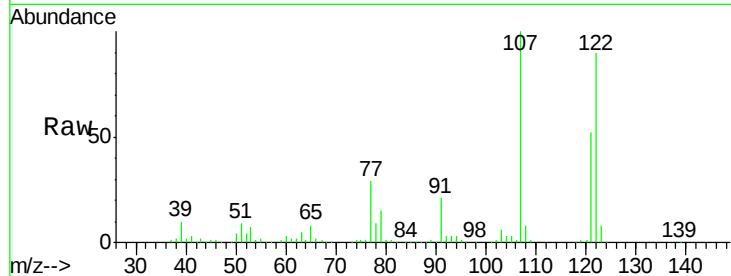
#27
 2,4-Dimethylphenol
 Concen: 46.031 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.9	91.2	136.8
121	58.2	47.2	70.8

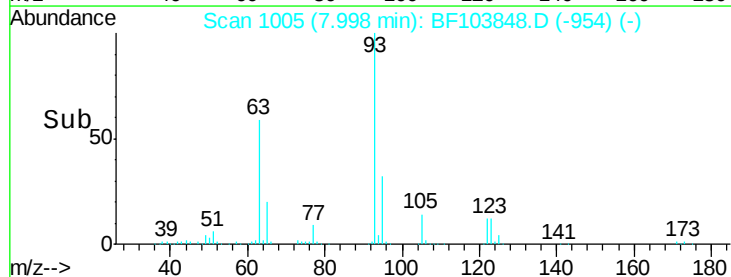
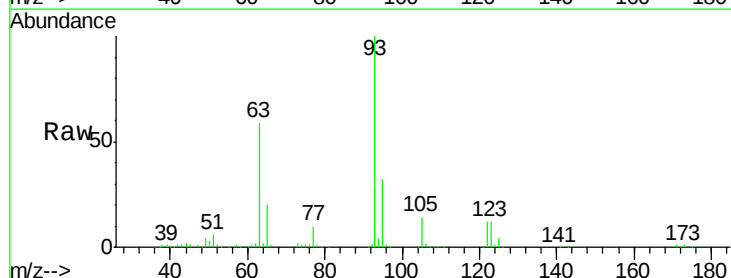
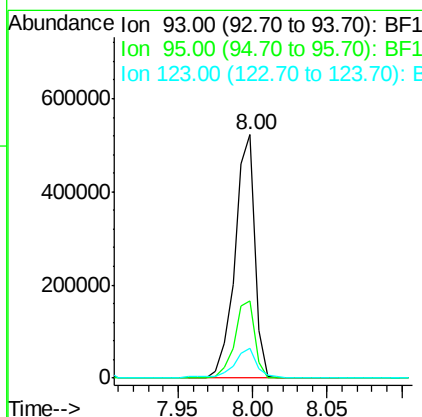
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.092 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	12.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 44.887 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

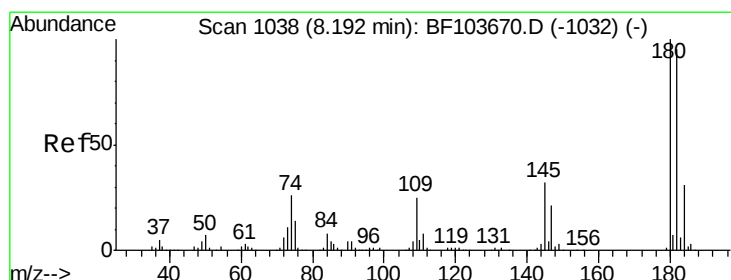
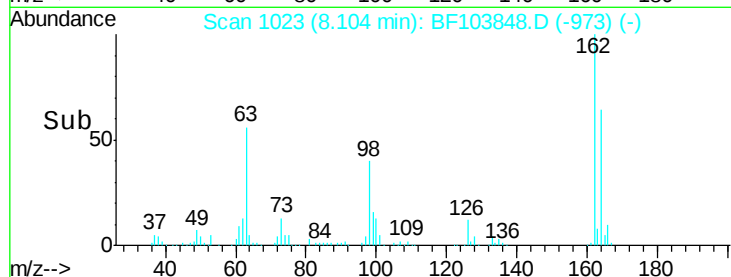
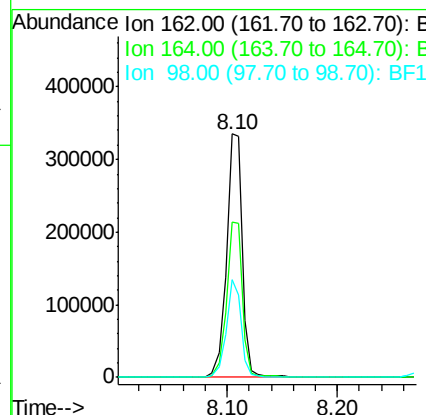
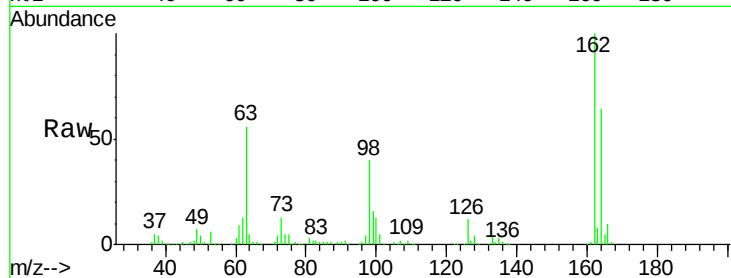
ClientSampleId :

PB107541BS

Tgt Ion:	162	Resp:	336630
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.7	82.7
98	40.0	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.499 ng

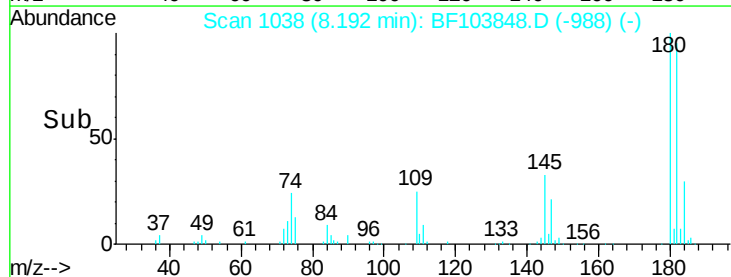
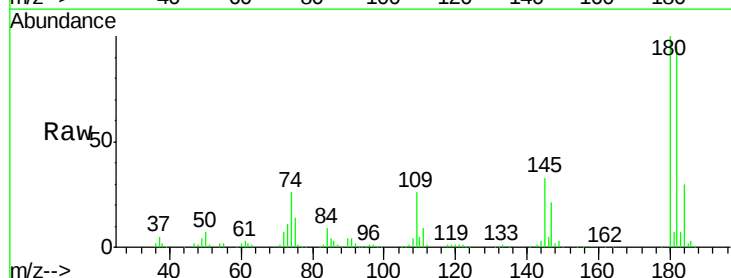
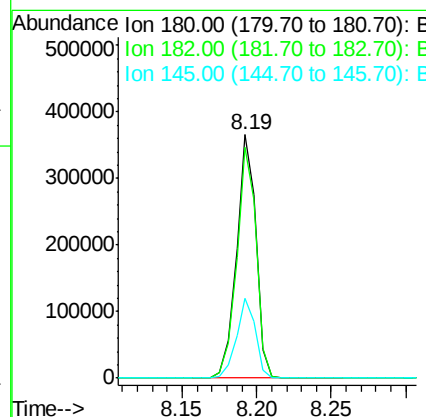
RT: 8.19 min Scan# 1038

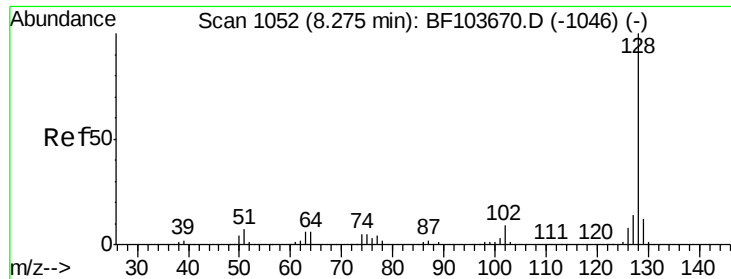
Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	180	Resp:	334868
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.8	115.2
145	32.9	26.5	39.7





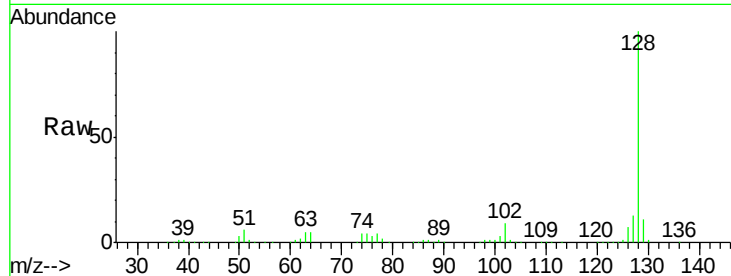
#31
Naphthalene
Concen: 38.584 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

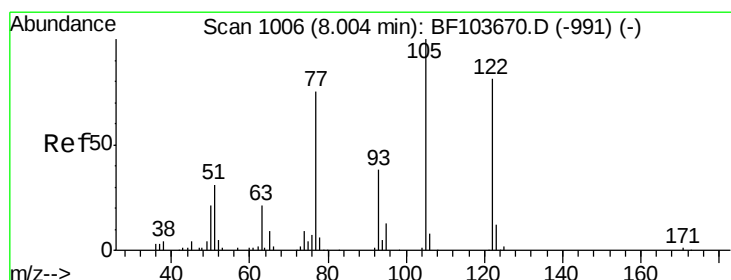
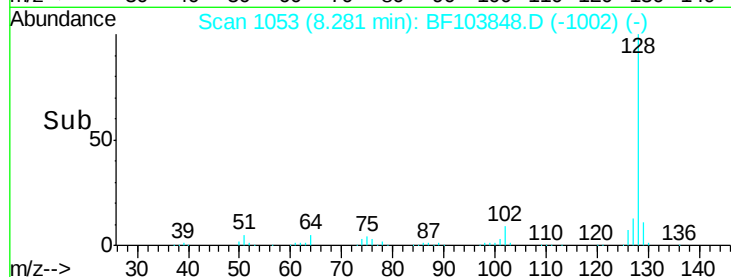
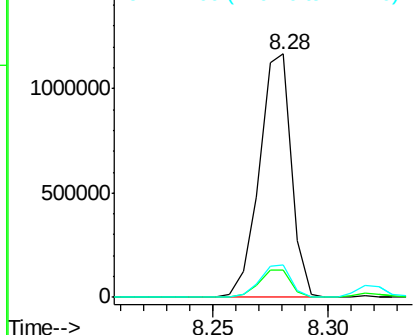
Tgt Ion:128 Resp: 1129732
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3

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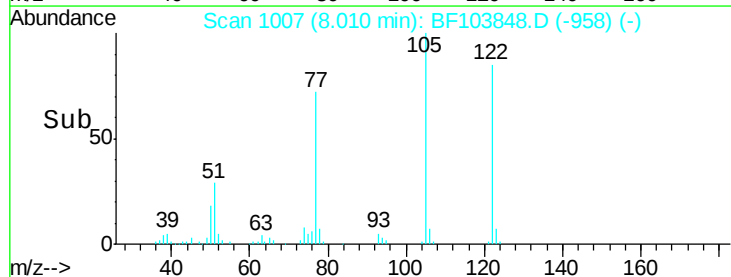
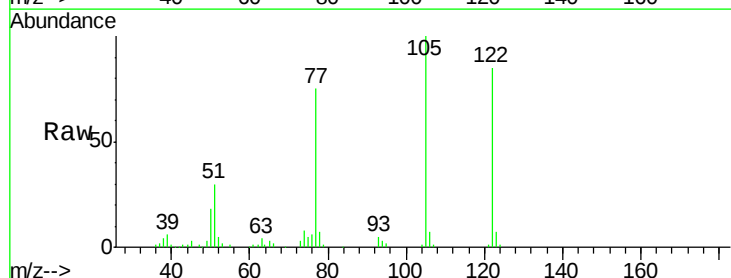
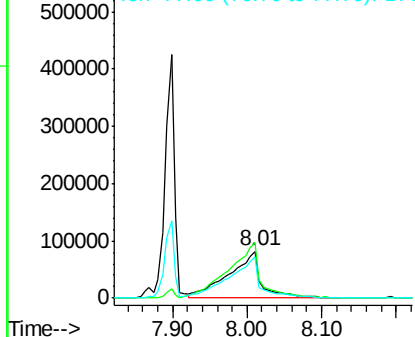
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

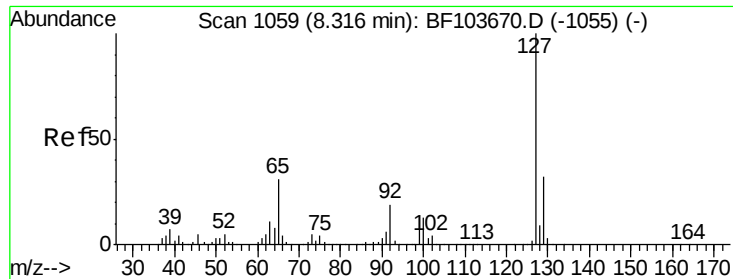


#32
Benzoic acid
Concen: 42.877 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion:122 Resp: 241634
Ion Ratio Lower Upper
122 100
105 117.7 101.1 141.1
77 88.3 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





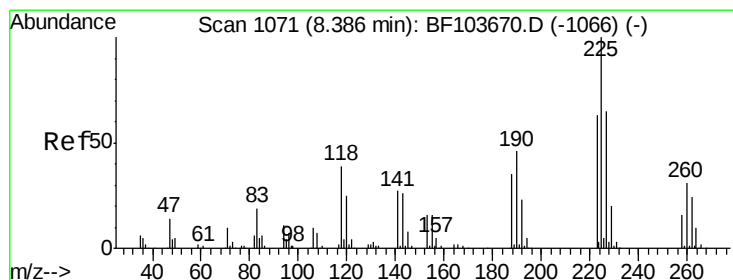
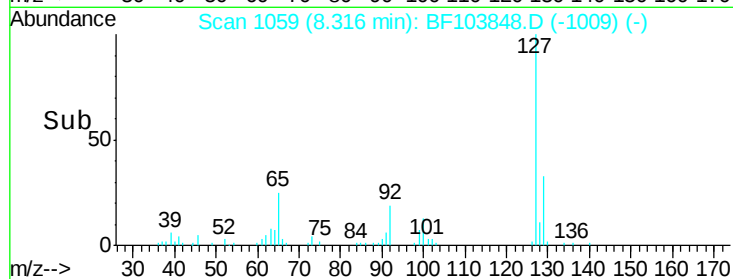
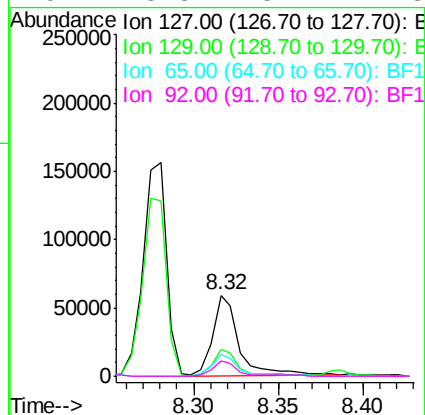
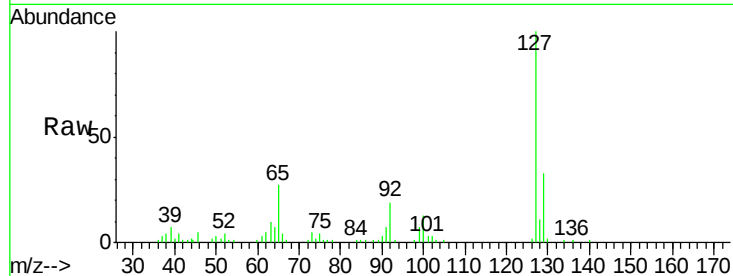
#33
4-Chloroaniline
Concen: 5.165 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	63452		
129	32.9	25.9	38.9	
65	26.9	25.0	37.4	
92	18.8	15.2	22.8	

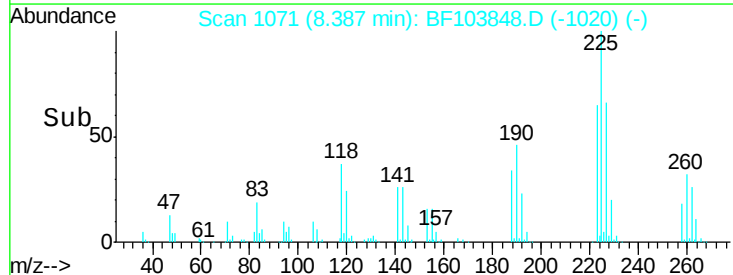
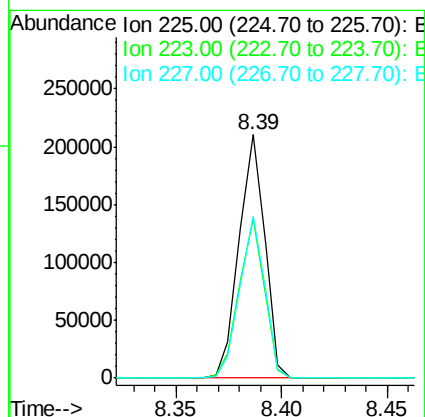
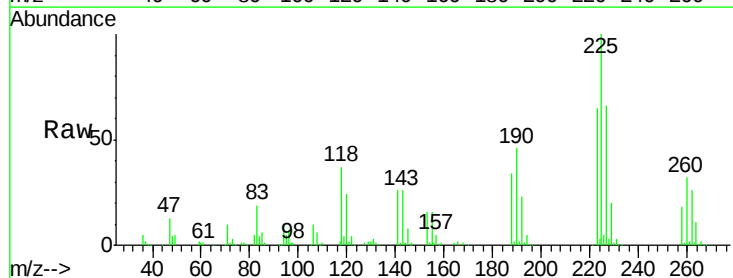
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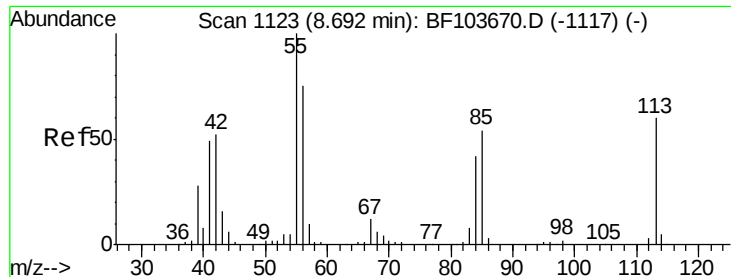
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#34
Hexachlorobutadiene
Concen: 37.103 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	176943		
223	65.4	50.6	76.0	
227	66.2	51.9	77.9	





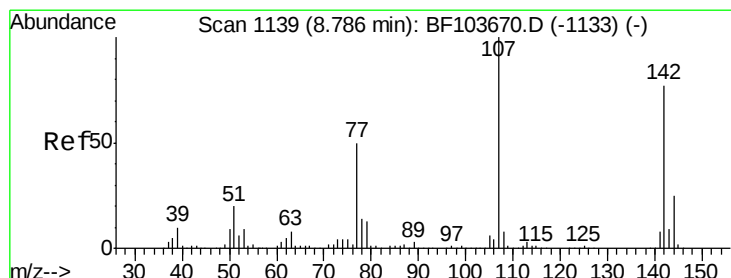
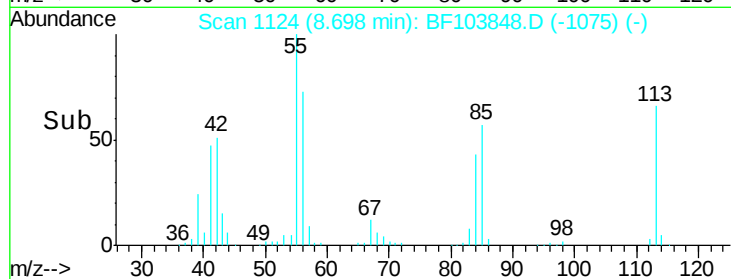
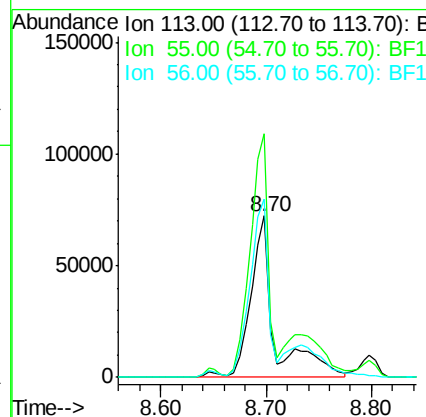
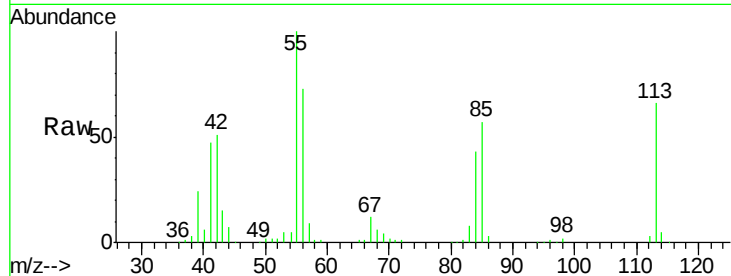
#35
 Caprolactam
 Concen: 44.681 ng m
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	150.9	163.3	203.3#
56	110.8	115.7	155.7#

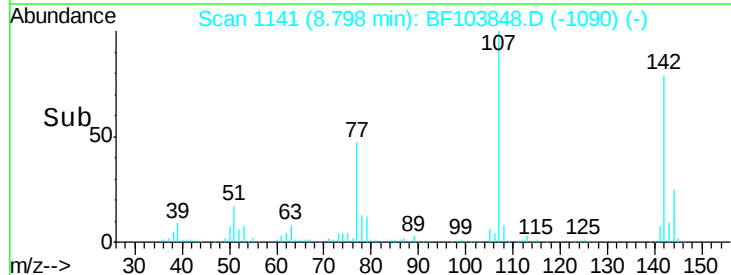
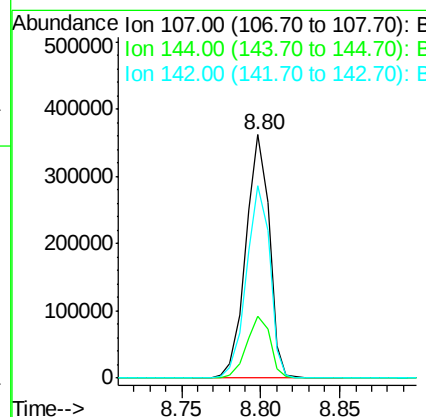
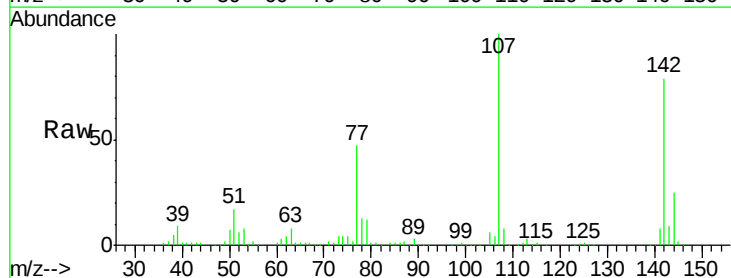
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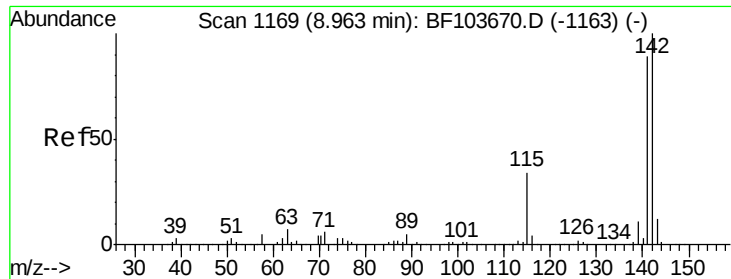
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#36
 4-Chloro-3-methylphenol
 Concen: 44.935 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	79.1	62.0	93.0





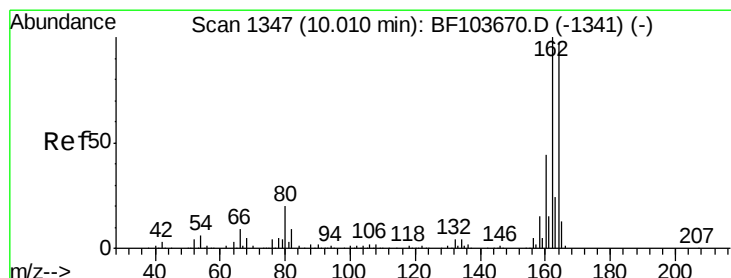
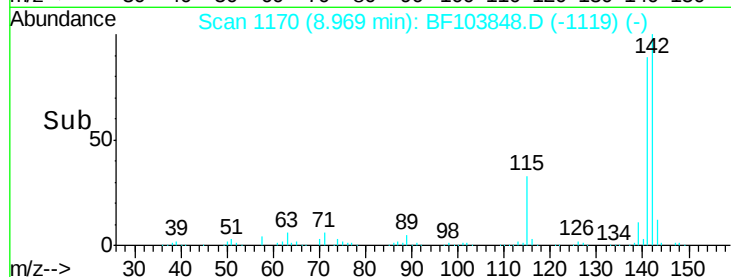
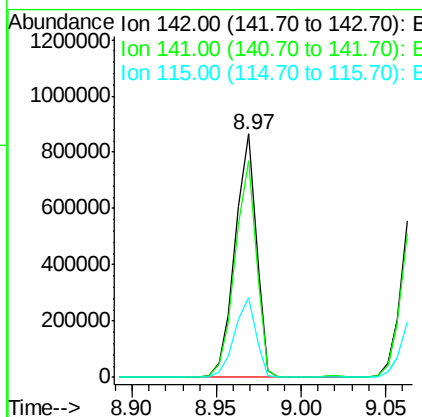
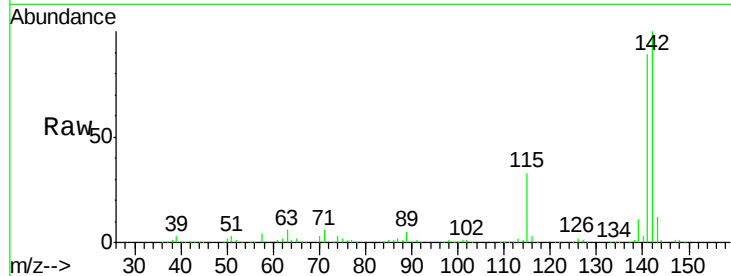
#37
2-Methylnaphthalene
Concen: 40.953 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	760419		
141	89.1	70.8	106.2	
115	33.0	26.1	39.1	

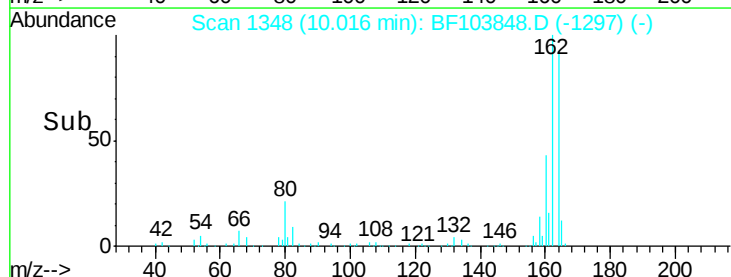
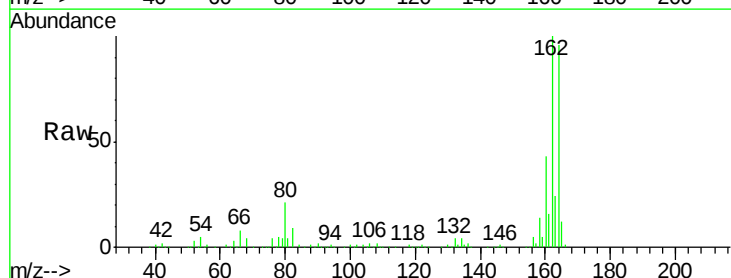
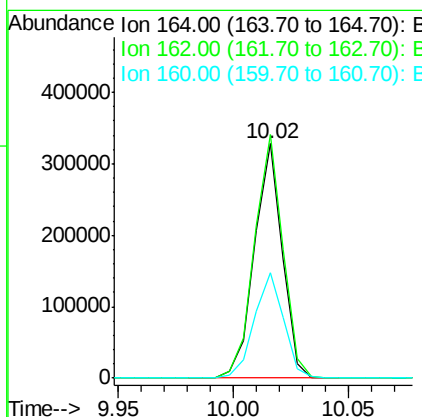
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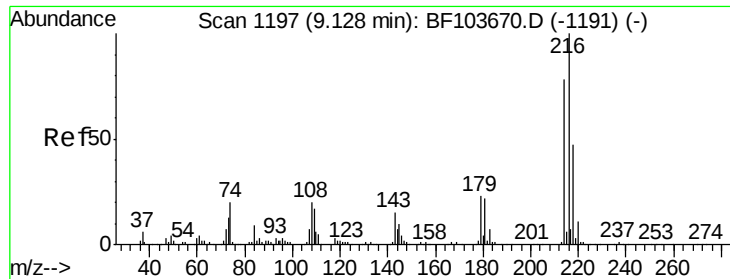
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	276473		
162	103.9	86.1	129.1	
160	45.1	38.3	57.5	





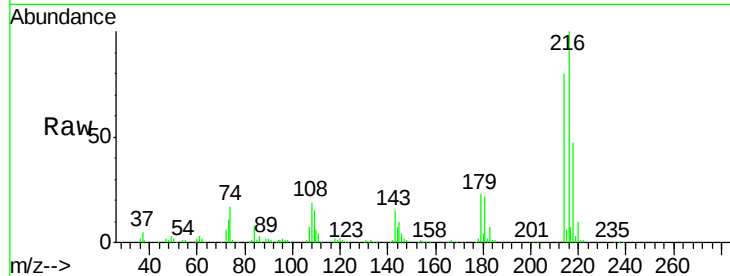
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.312 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

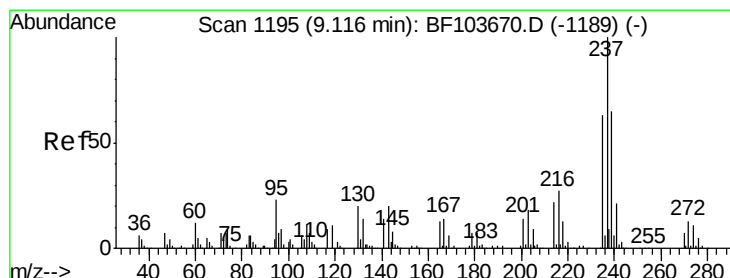
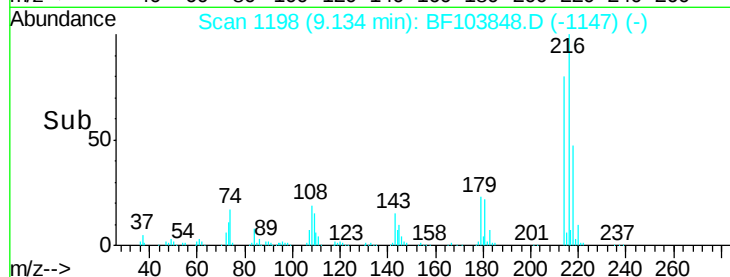
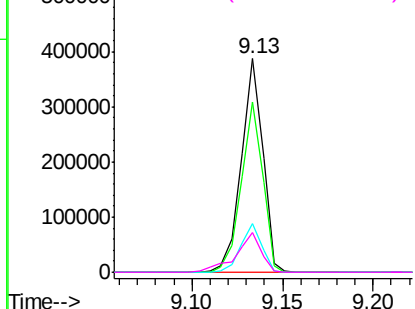
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	317960		
214	79.6	63.0	94.4	
179	22.3	18.1	27.1	
108	21.6	17.2	25.8	

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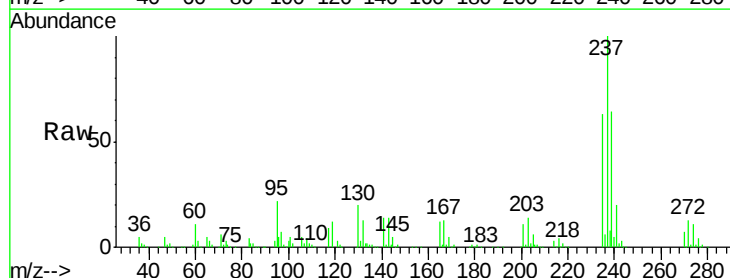


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

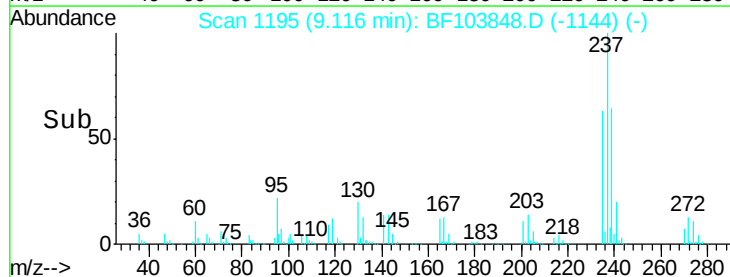
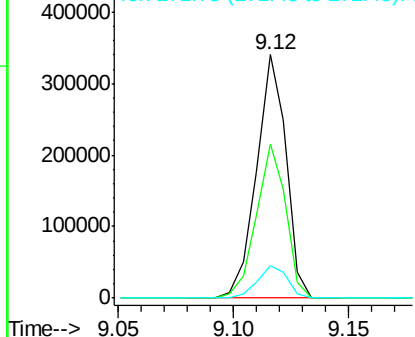


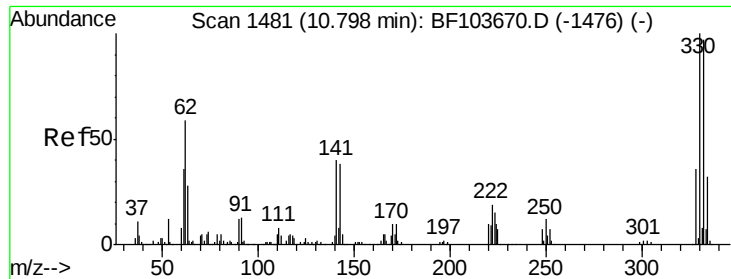
#40
Hexachlorocyclopentadiene
Concen: 74.748 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	304221		
235	63.3	44.8	84.8	
272	13.1	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





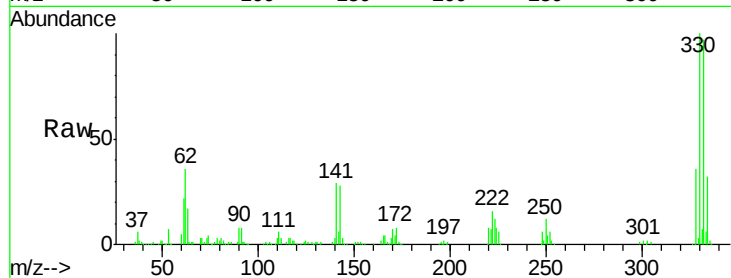
#41
 2,4,6-Tribromophenol
 Concen: 103.738 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

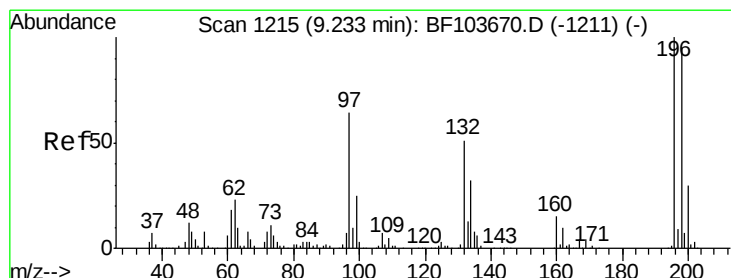
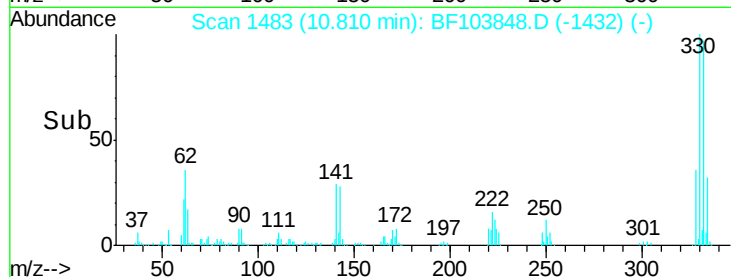
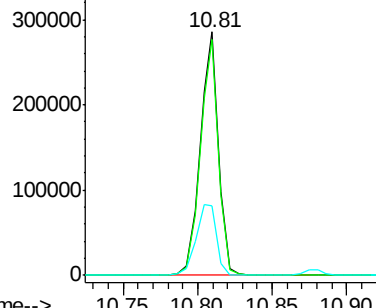
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	246600		
332	96.2	77.0	115.6	
141	33.1	29.9	44.9	

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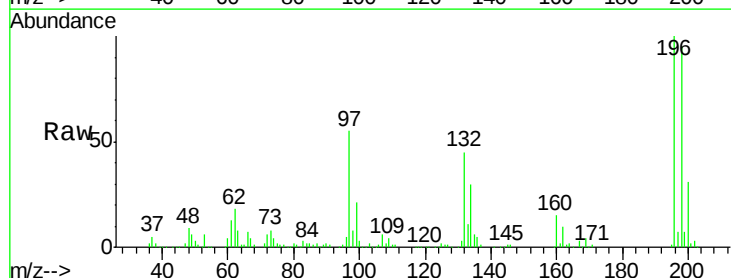


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

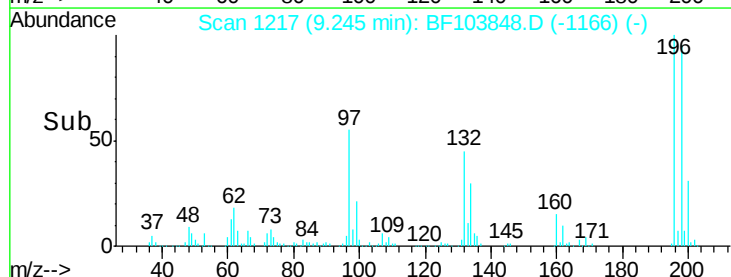
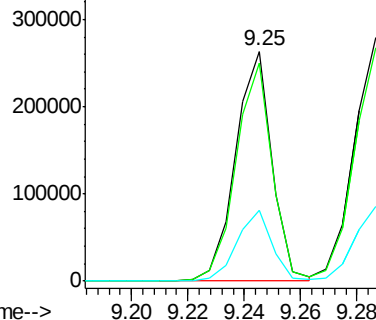


#42
 2,4,6-Trichlorophenol
 Concen: 46.644 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235319		
198	94.7	75.7	113.5	
200	30.8	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





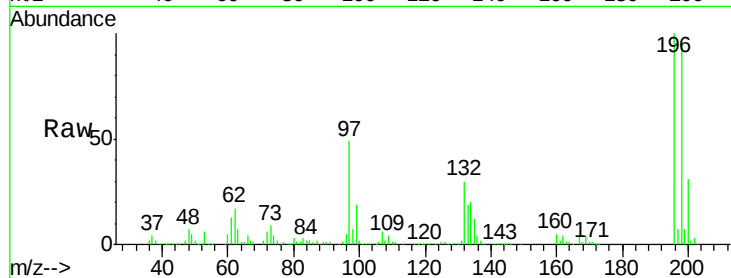
#43
 2,4,5-Trichlorophenol
 Concen: 43.857 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

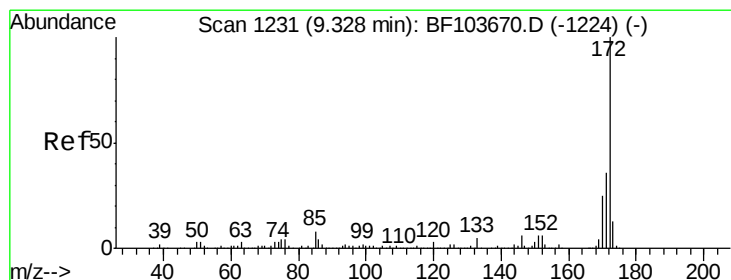
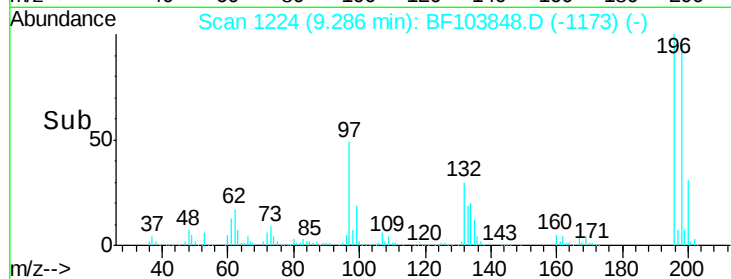
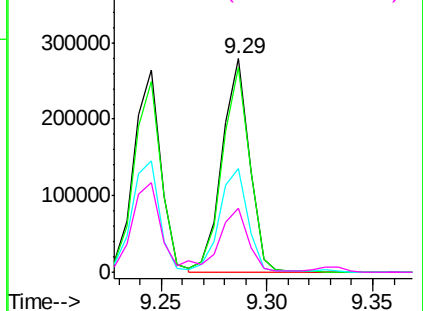
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249733		
198	95.9	74.6	112.0	
97	48.6	42.9	64.3	
132	29.8	26.3	39.5	

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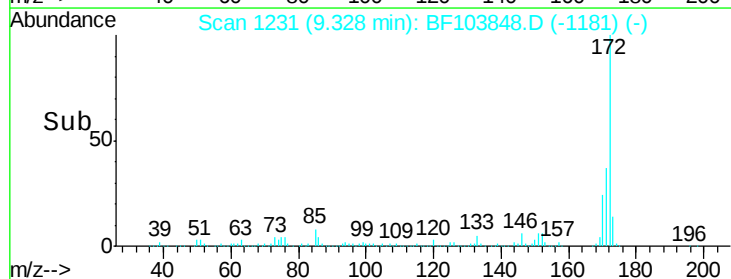
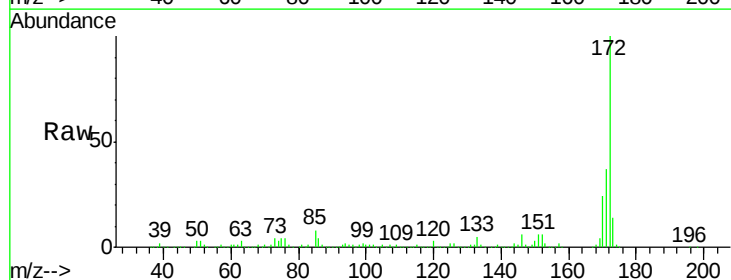
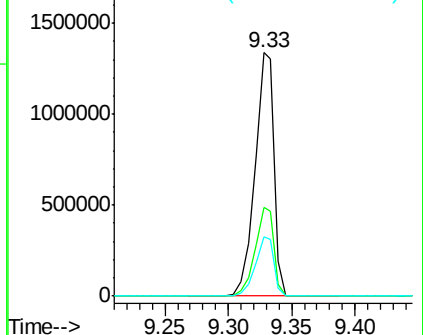
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

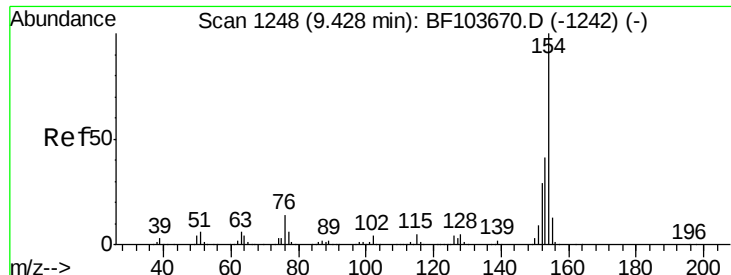


#44
 2-Fluorobiphenyl
 Concen: 81.487 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1412344		
171	36.5	29.7	44.5	
170	24.1	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





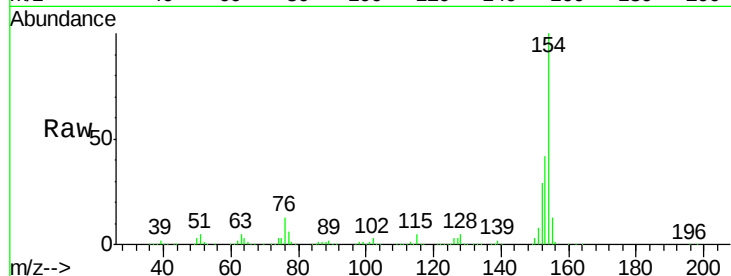
#45
1,1'-Biphenyl
Concen: 38.416 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampled :
PB107541BS

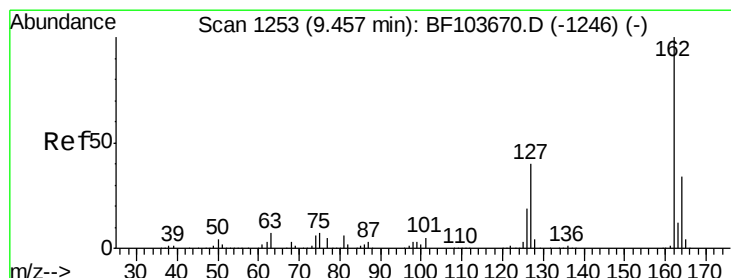
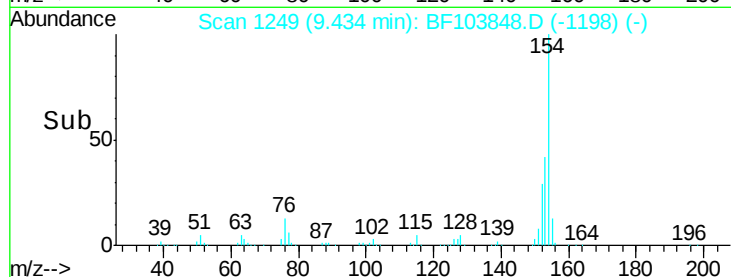
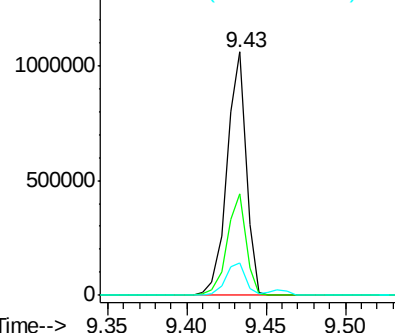
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	885642		
153	41.7	21.3	61.3	
76	13.4	0.0	34.0	

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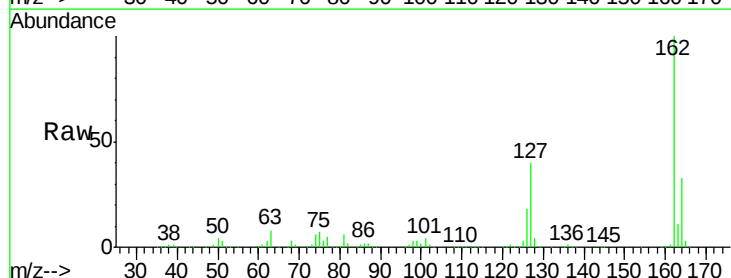


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

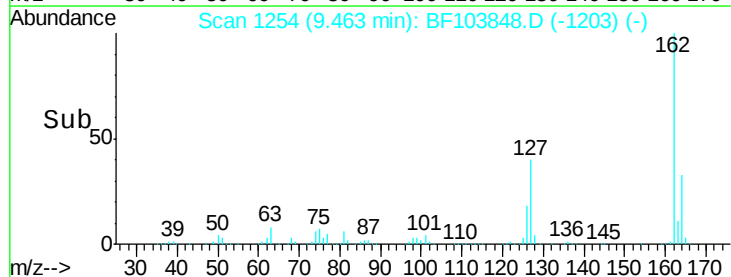
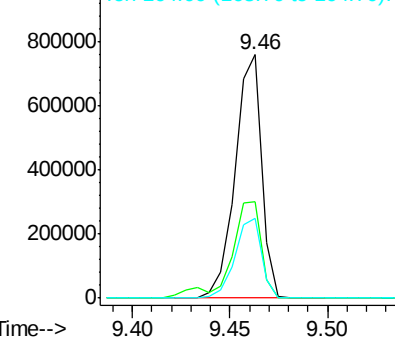


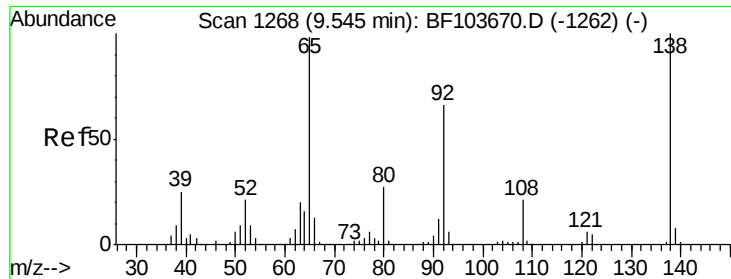
#46
2-Chloronaphthalene
Concen: 38.934 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	712905		
127	39.7	33.9	50.9	
164	32.9	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





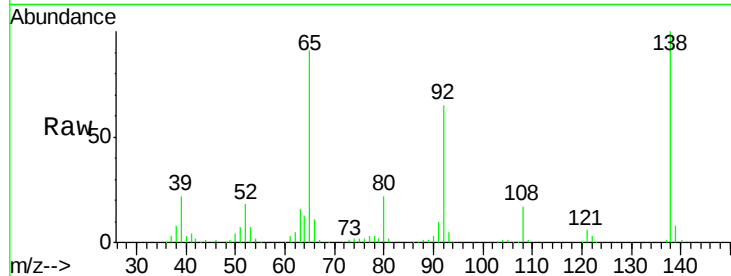
#47
2-Nitroaniline
Concen: 46.663 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

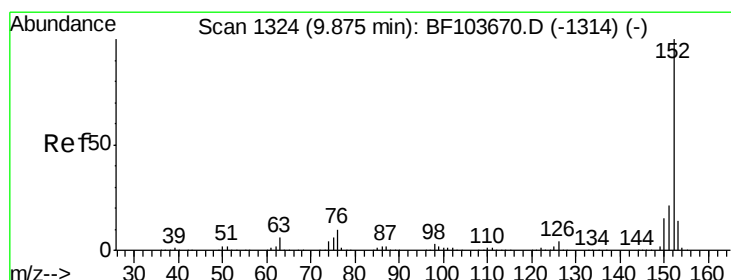
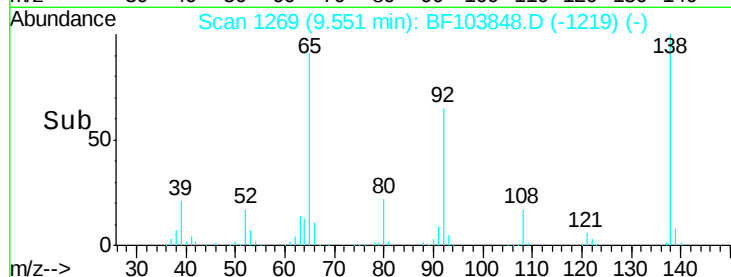
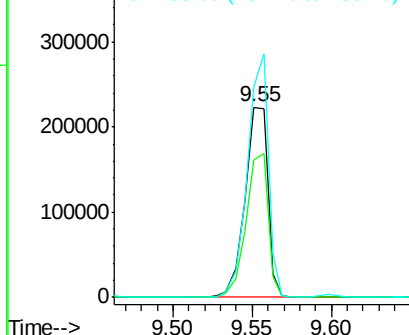
Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	55.8	83.6
138	110.5	91.2	136.8

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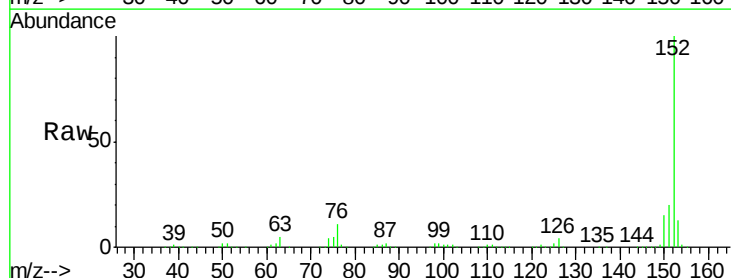


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

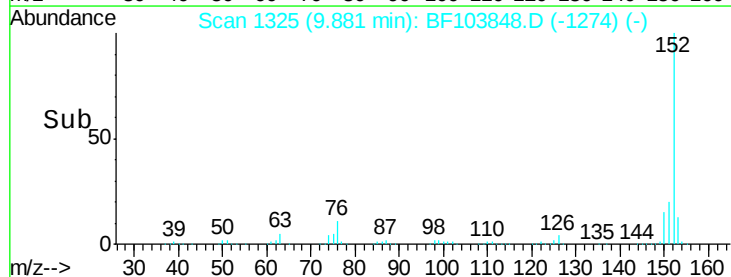
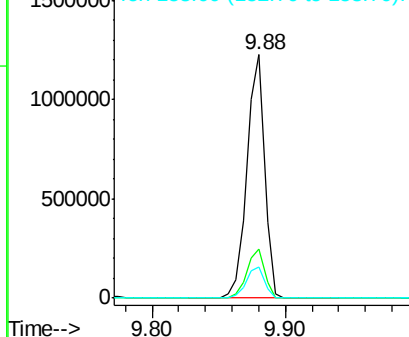


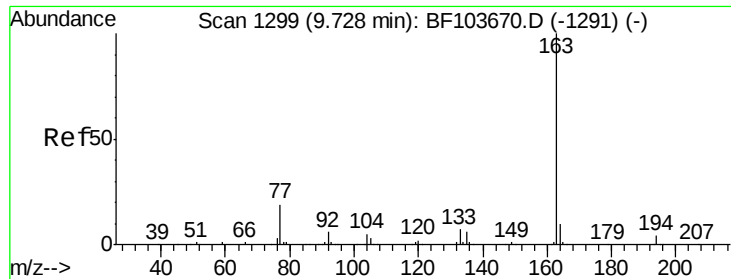
#48
Acenaphthylene
Concen: 39.054 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.9	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





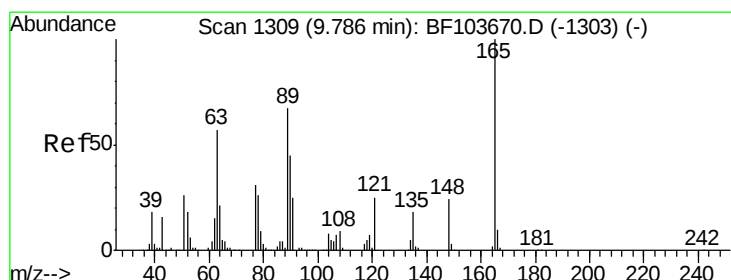
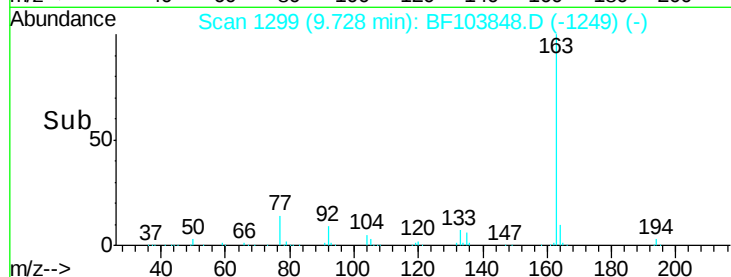
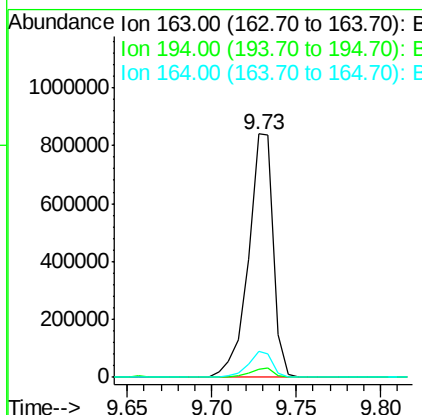
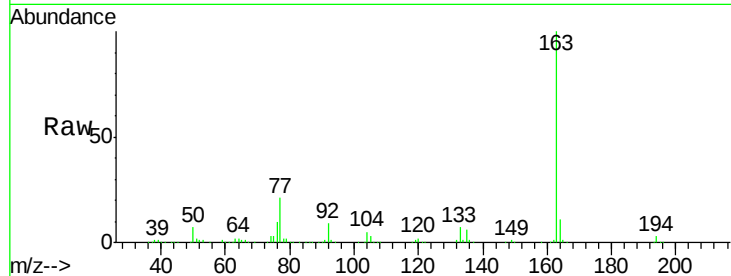
#49
 Dimethylphthalate
 Concen: 40.957 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampled :
 PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	863933		
194	3.4	2.7	4.1	
164	10.5	8.2	12.2	

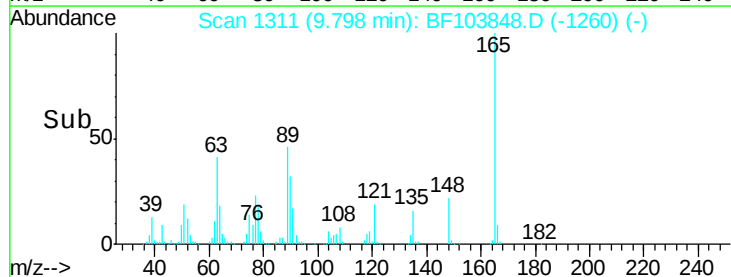
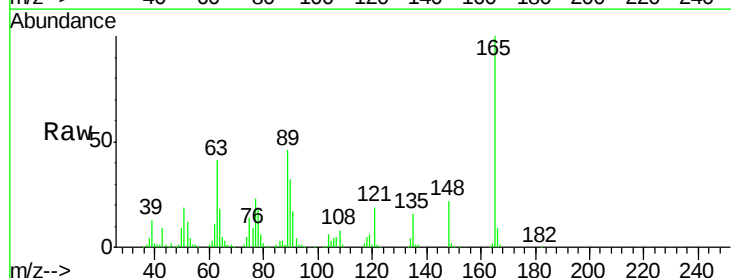
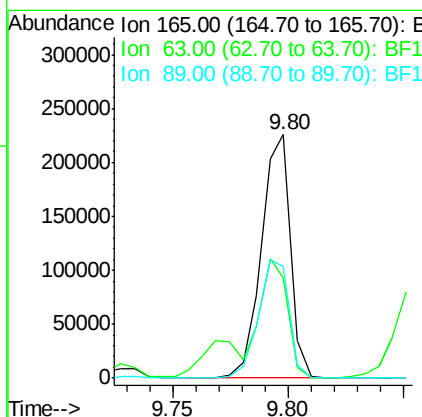
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#50
 2,6-Dinitrotoluene
 Concen: 48.378 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197541		
63	41.2	44.7	67.1#	
89	46.1	44.0	66.0	





#51

Acenaphthene

Concen: 43.101 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

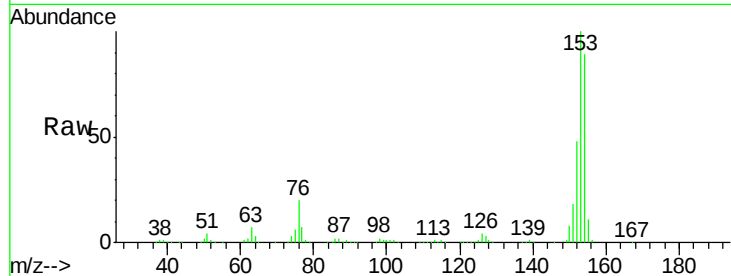
ClientSampleId :

PB107541BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.2	136.8
152	54.2	43.8	65.8

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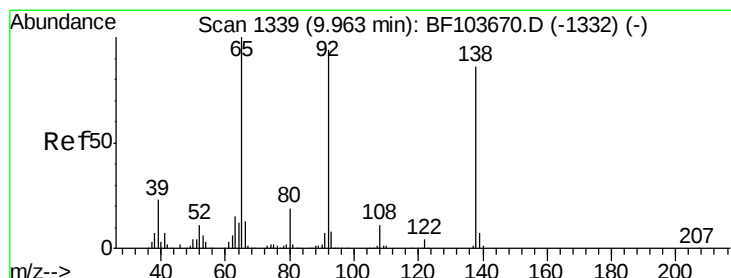
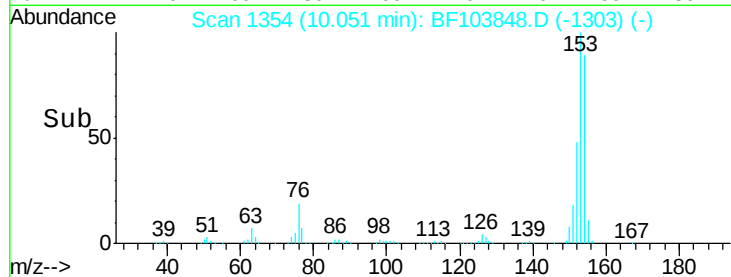
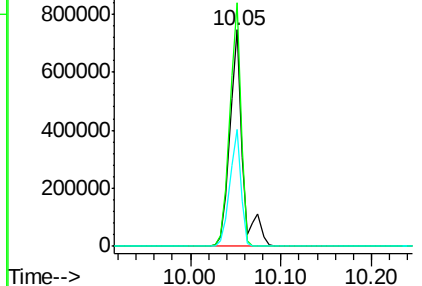
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.732 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF103848.D

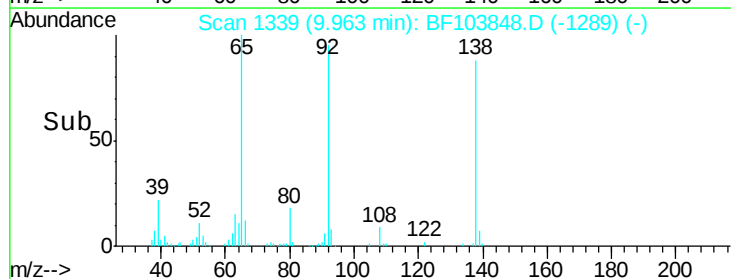
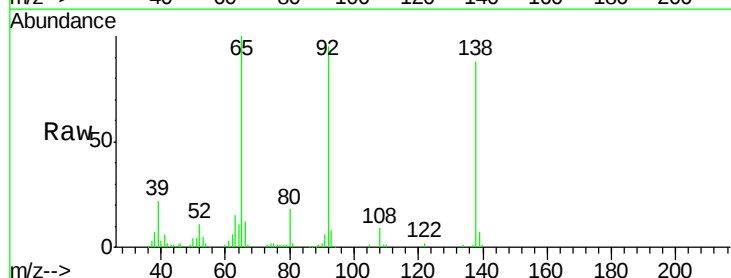
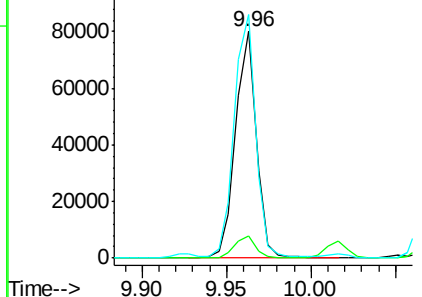
Acq: 22 Mar 2018 13:41

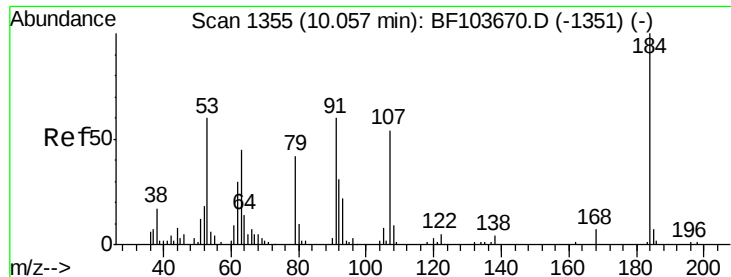
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	107.4	89.4	134.2

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





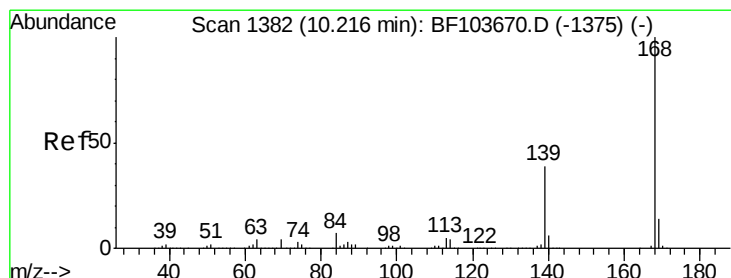
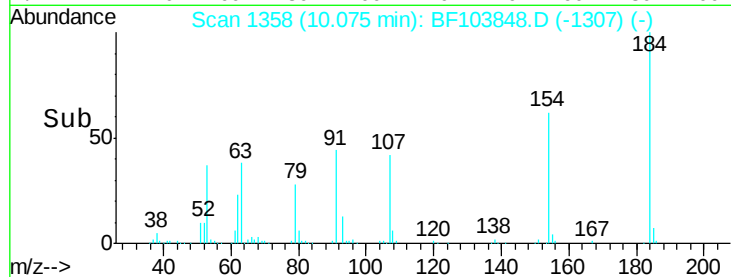
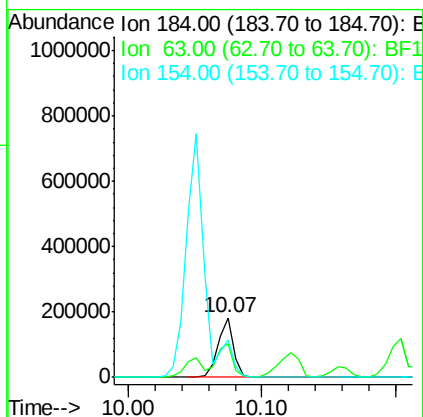
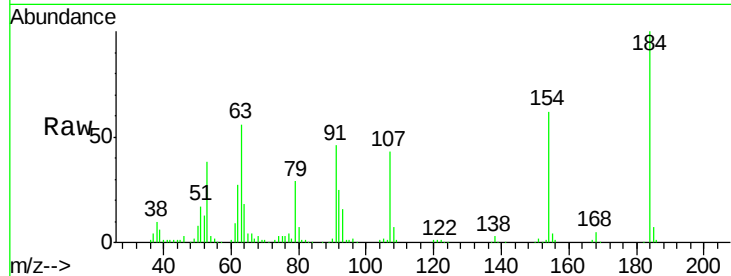
#53
2,4-Dinitrophenol
Concen: 99.937 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	150407		
63	56.4	54.2	81.2	
154	62.1	184.0	276.0	

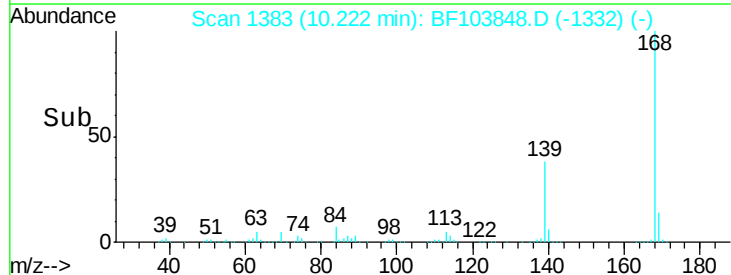
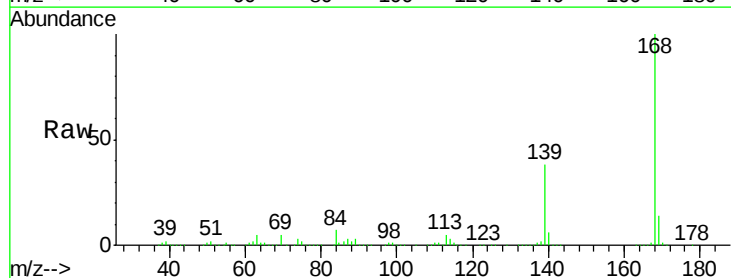
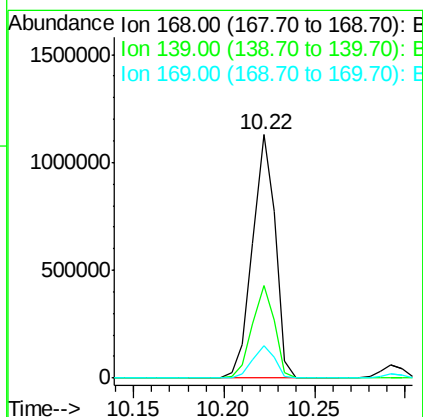
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#54
Dibenzofuran
Concen: 41.078 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	989138		
139	37.8	30.1	45.1	
169	13.6	10.9	16.3	





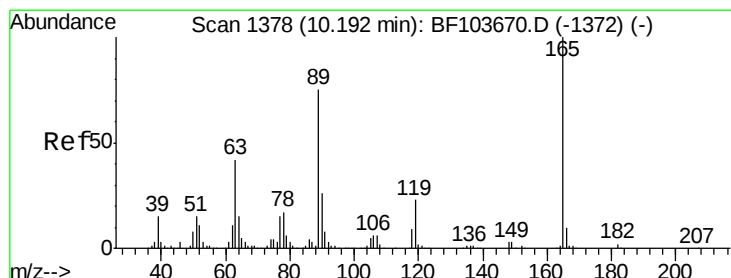
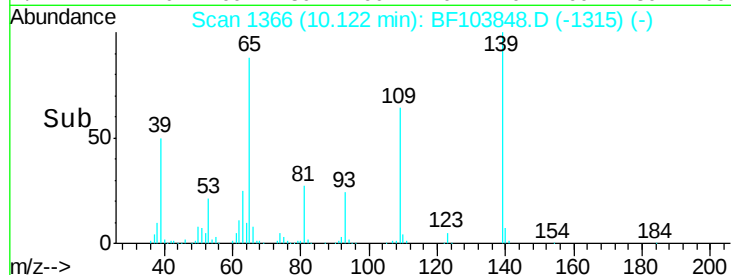
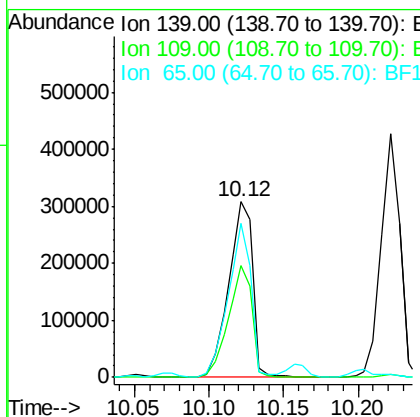
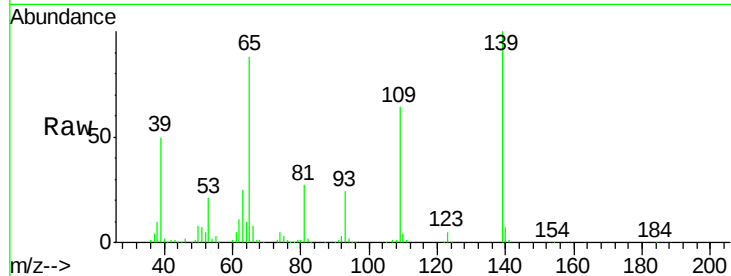
#55
4-Nitrophenol
Concen: 89.879 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampled :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	349627		
109	63.7	48.4	88.4	
65	87.8	72.6	112.6	

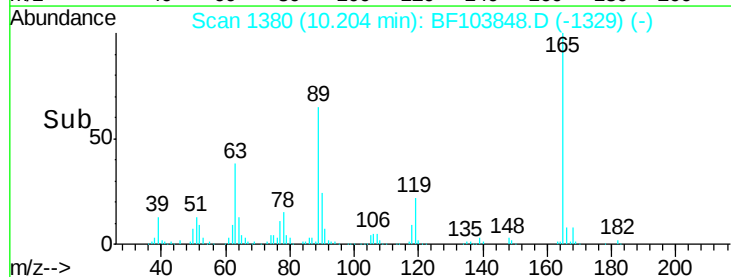
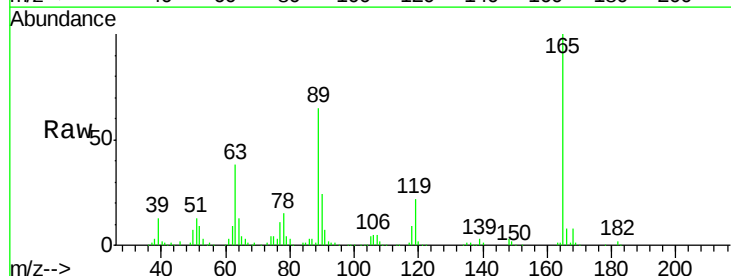
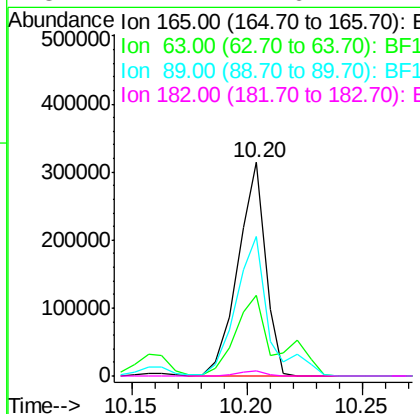
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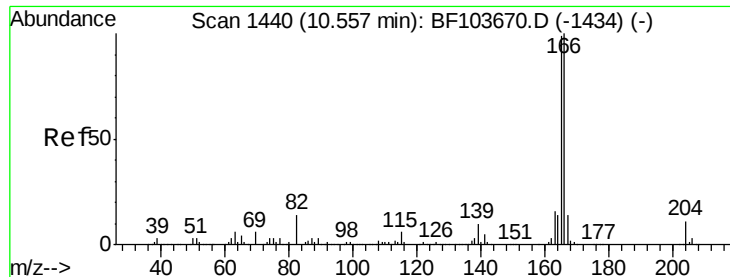
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#56
2,4-Dinitrotoluene
Concen: 50.437 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	262606		
63	37.6	36.4	54.6	
89	65.2	57.8	86.6	
182	2.4	1.6	2.4	





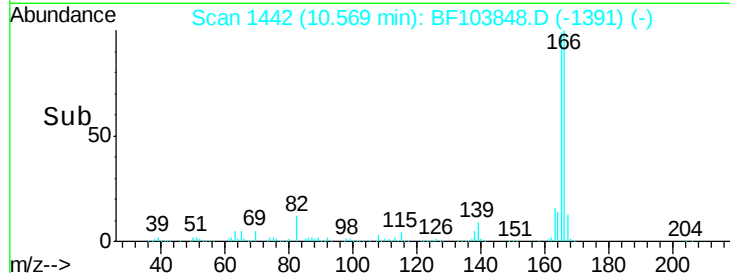
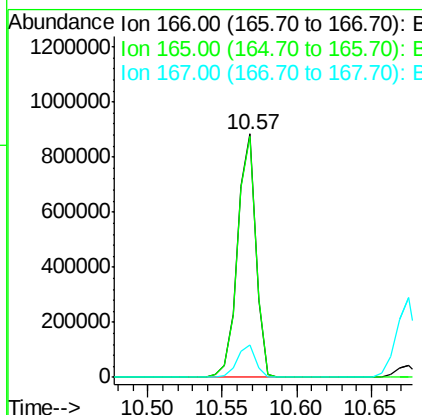
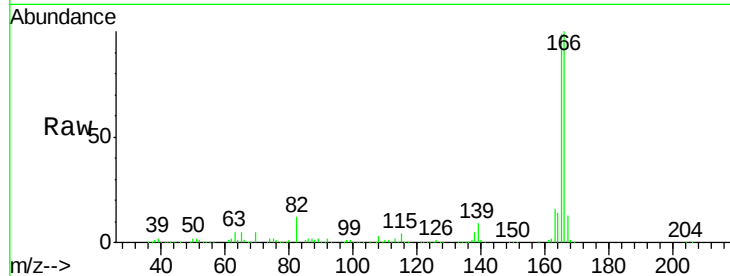
#57
Fluorene
 Concen: 40.697 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.2	10.6	16.0

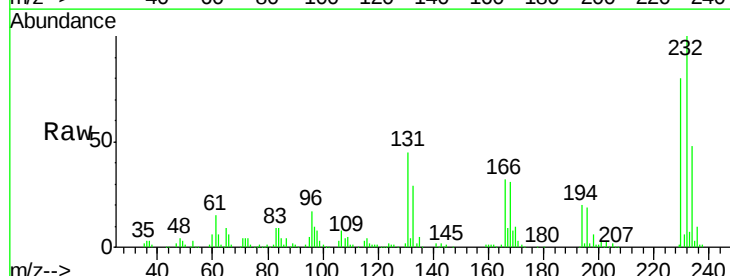
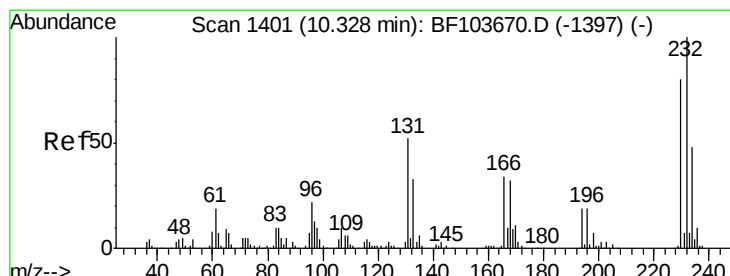
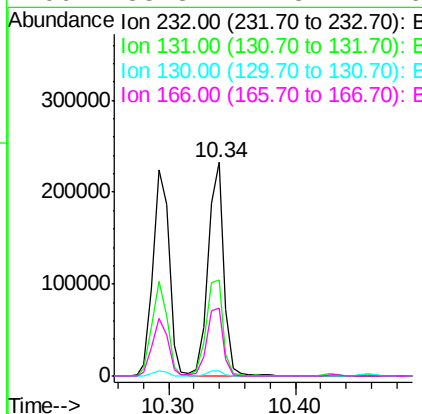
Manual Integrations
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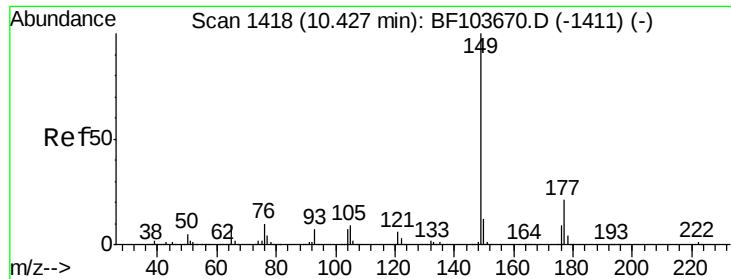
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.062 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.5	43.8	65.8
130	2.3	2.1	3.1
166	33.3	27.8	41.6





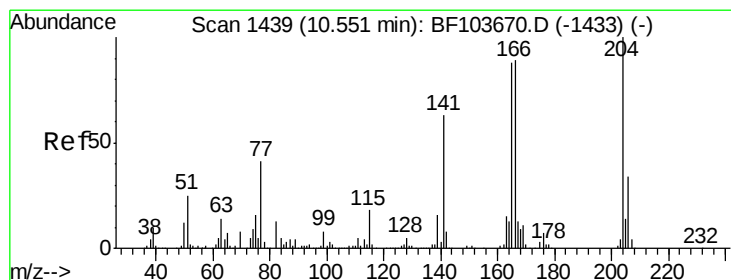
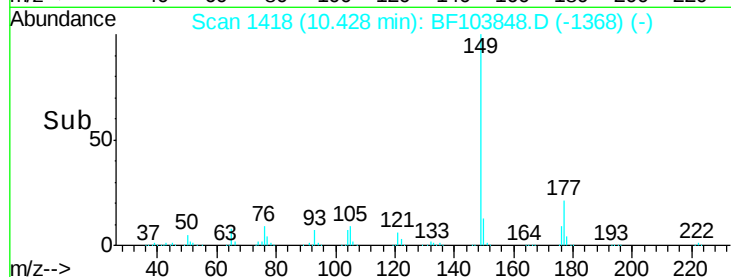
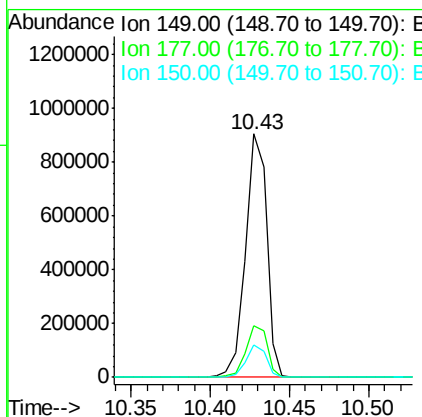
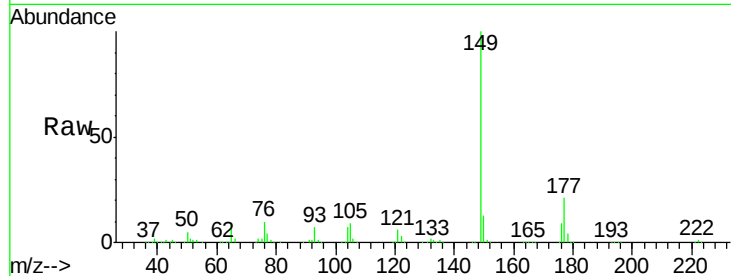
#59
Diethylphthalate
Concen: 39.964 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	13.1	10.1	15.1

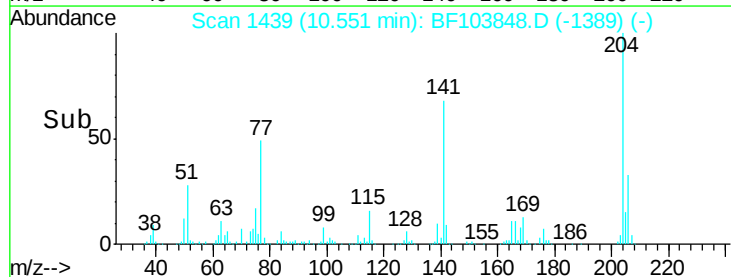
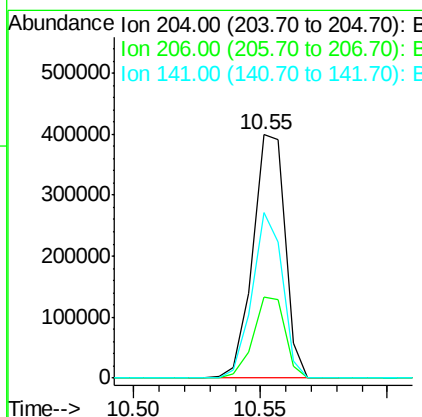
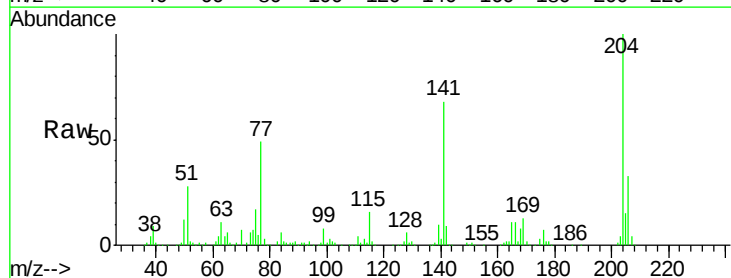
Manual Integrations
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Sohil
3/23/2018 2:46:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.651 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	68.2	54.6	81.8





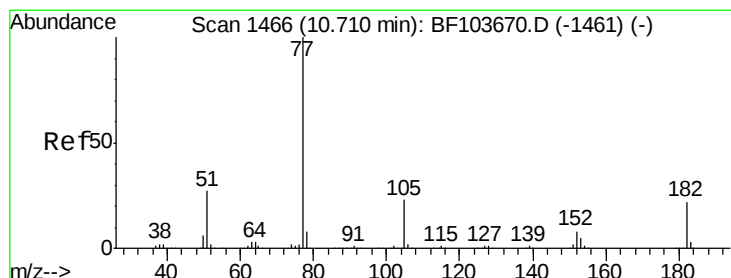
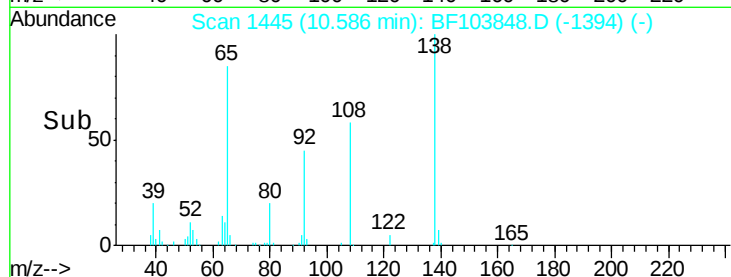
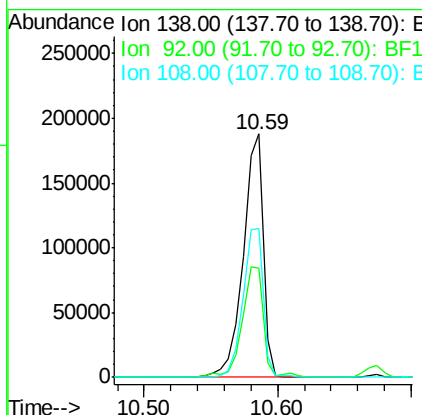
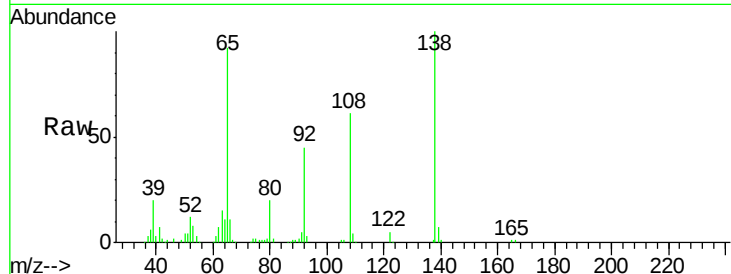
#61
4-Nitroaniline
Concen: 41.878 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampled :
PB107541BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	30.2	70.2
108	61.1	52.5	92.5

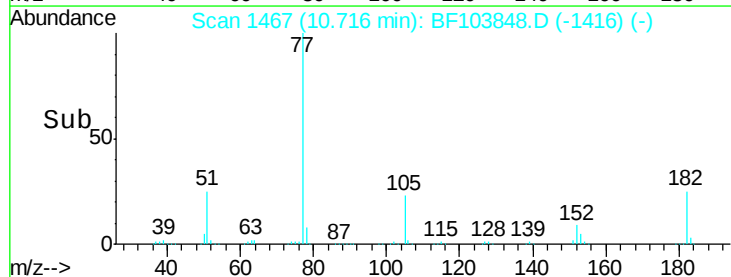
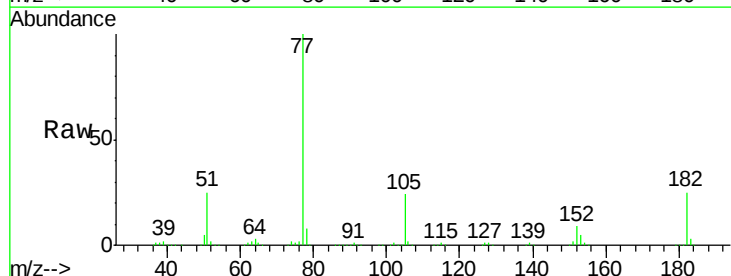
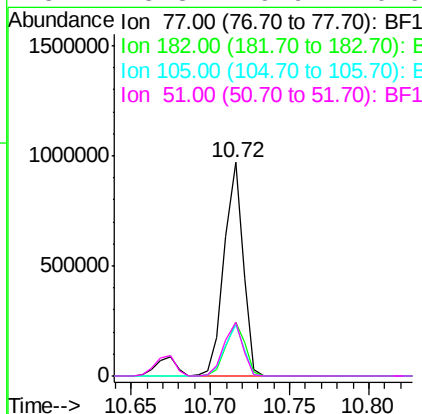
Manual Integrations
APPROVED

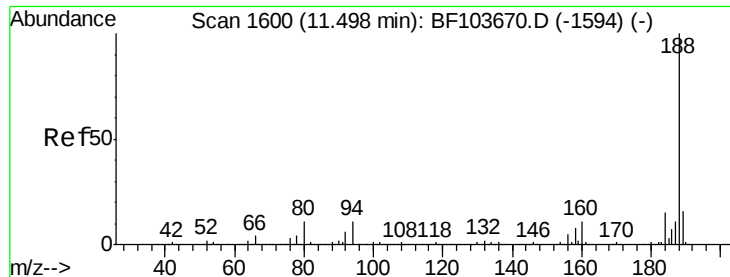
Sohil
3/23/2018 2:46:26 PM



#62
Azobenzene
Concen: 37.933 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	24.2	3.0	43.0
51	25.3	9.9	49.9





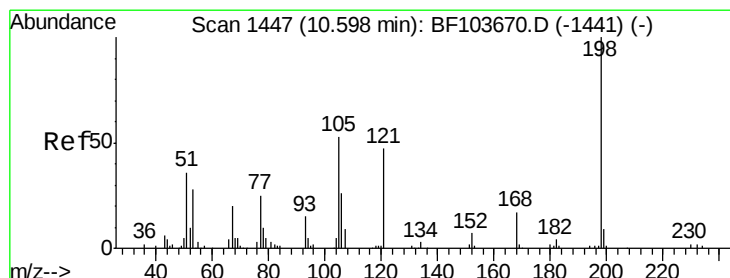
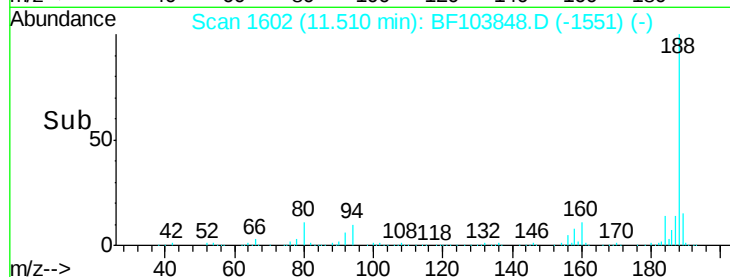
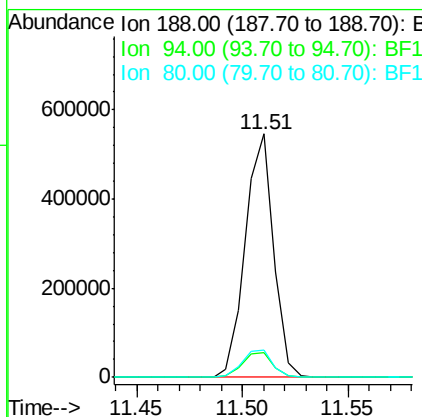
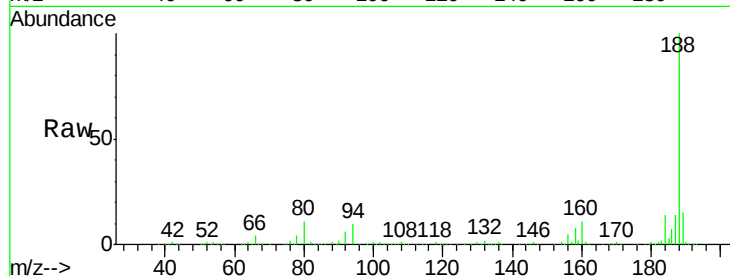
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8

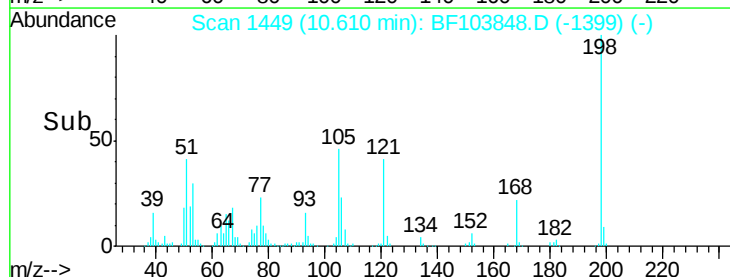
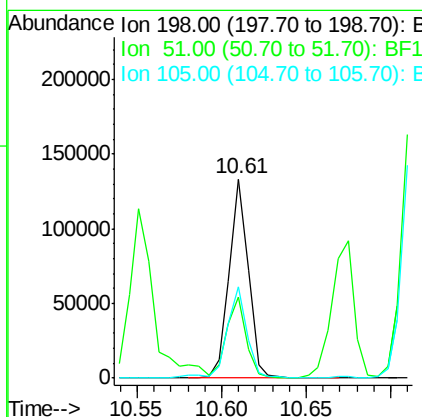
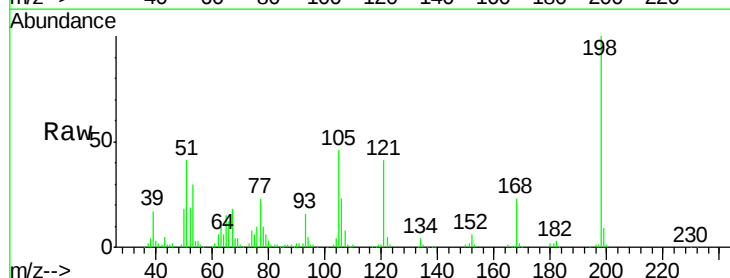
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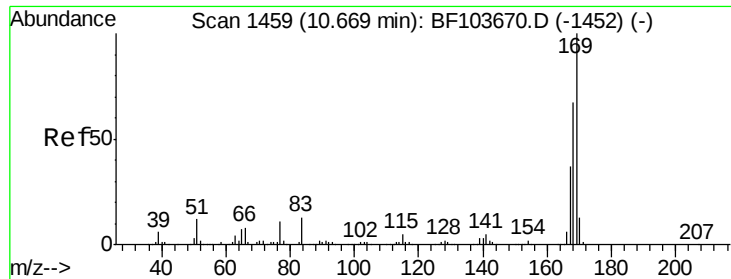
Sohil
 3/23/2018 2:46:26 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.457 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.8	37.7	77.7
105	46.0	36.3	76.3





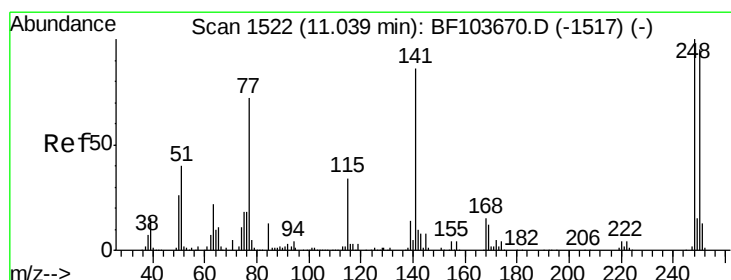
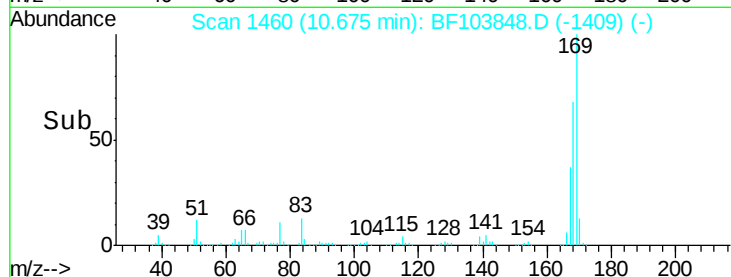
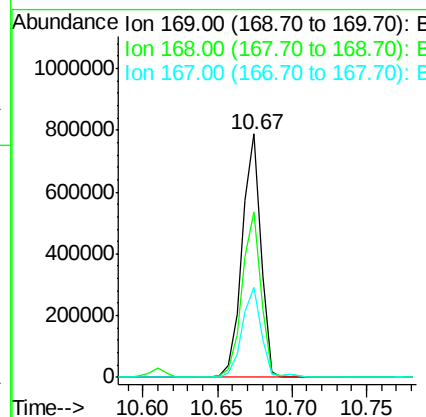
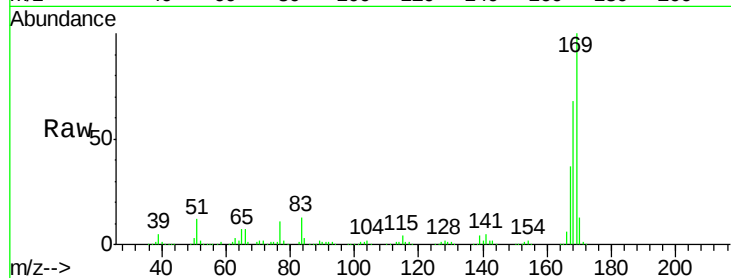
#65
 n-Nitrosodiphenylamine
 Concen: 40.360 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	694728		
168	68.0	54.4	81.6	
167	36.9	29.8	44.6	

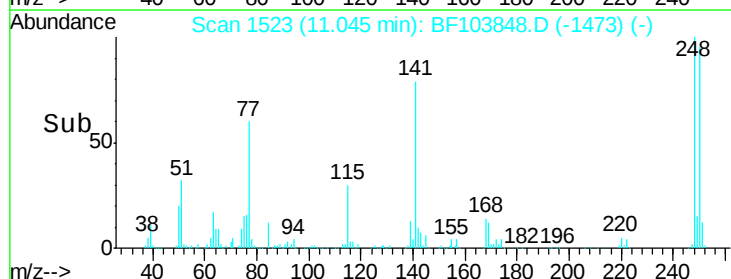
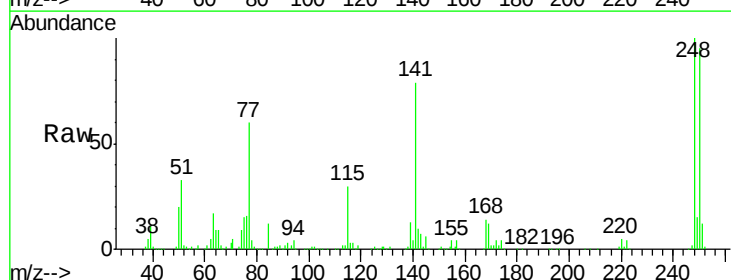
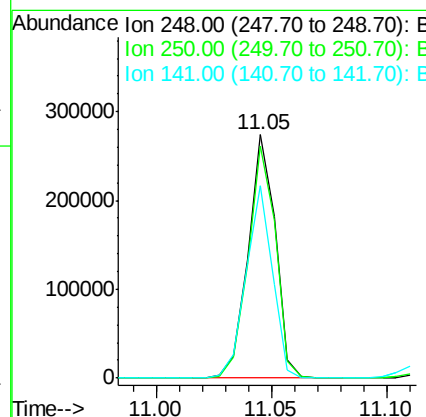
Manual Integrations
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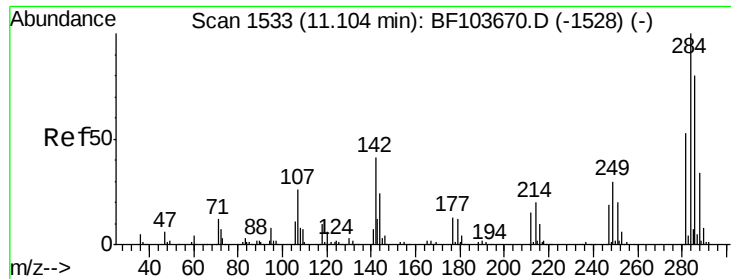
Sohil
 3/23/2018 2:46:26 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.364 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	225154		
250	95.3	76.9	115.3	
141	79.1	74.4	111.6	





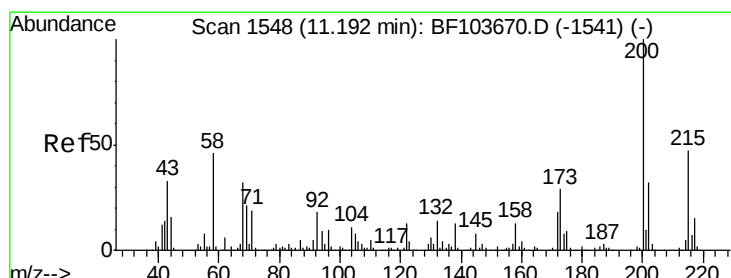
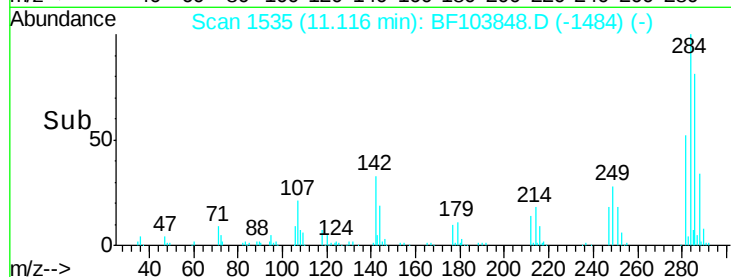
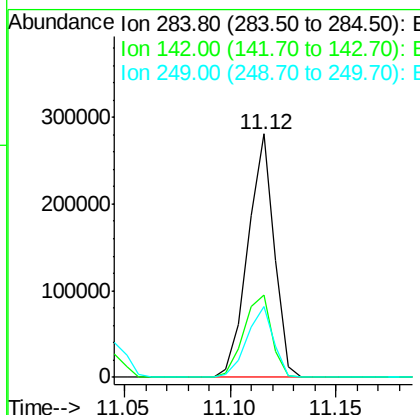
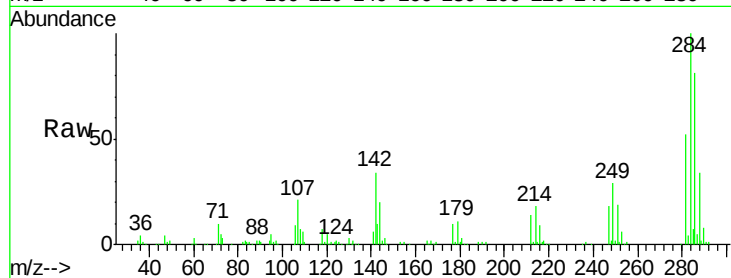
#67
Hexachlorobenzene
Concen: 40.882 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	242273		
142	34.1	34.6	52.0#	
249	28.9	24.8	37.2	

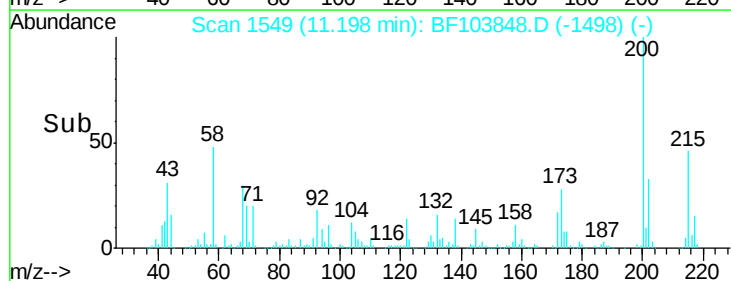
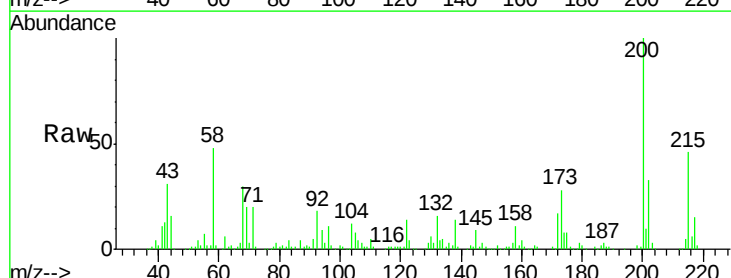
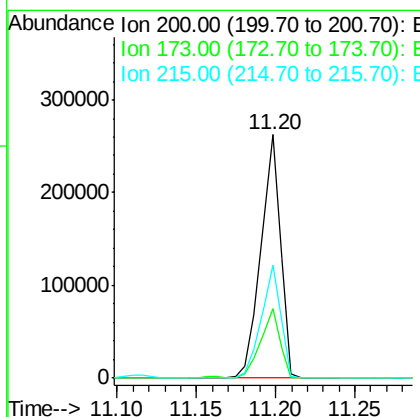
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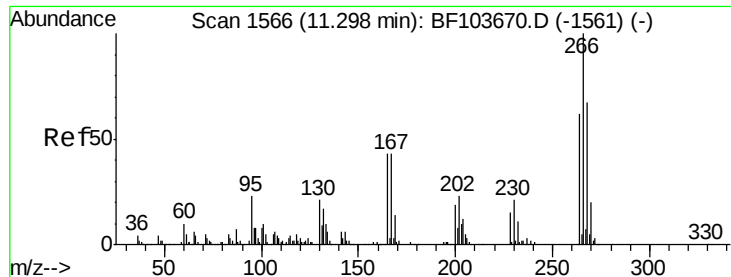
Sohil
3/23/2018 2:46:26 PM



#68
Atrazine
Concen: 43.337 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	230757		
173	28.3	8.6	48.6	
215	46.3	25.1	65.1	





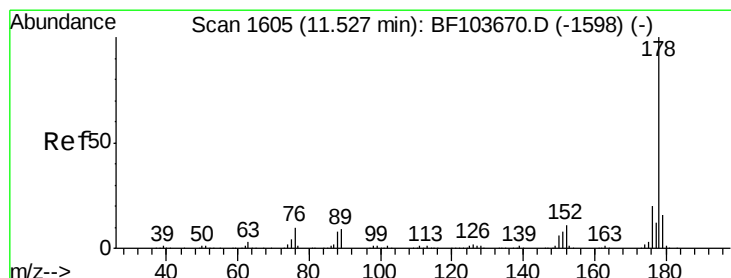
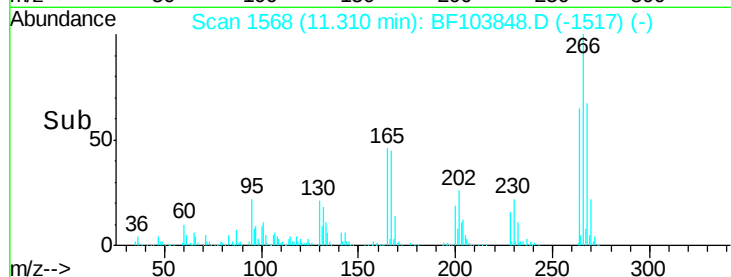
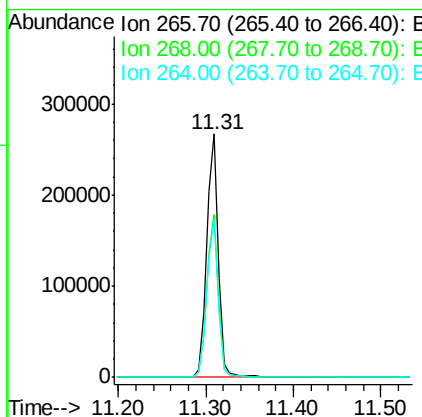
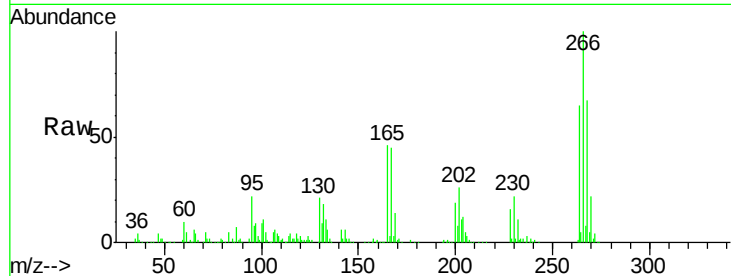
#69
 Pentachlorophenol
 Concen: 72.181 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	64.6	49.5	74.3

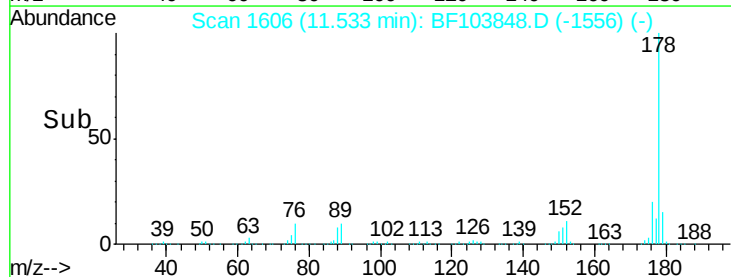
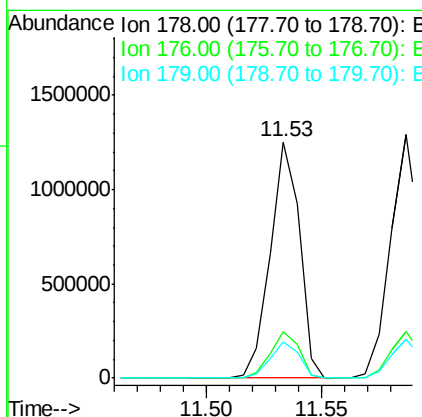
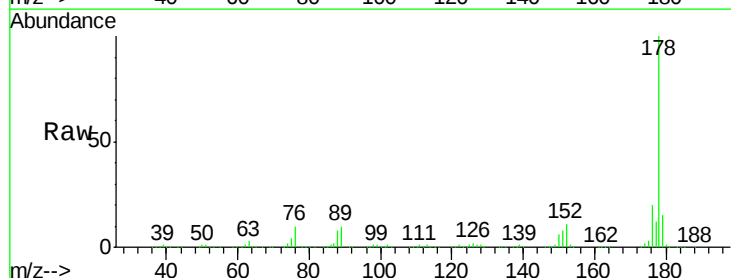
Manual Integrations
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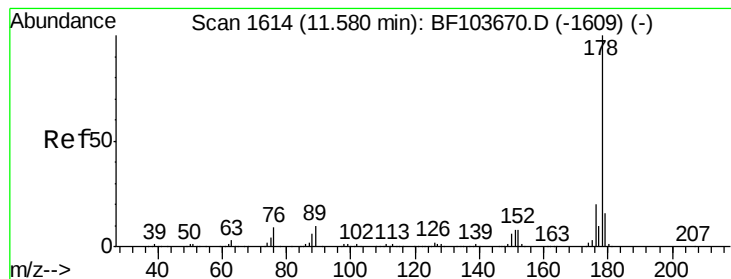
Sohil
 3/23/2018 2:46:26 PM



#70
 Phenanthrene
 Concen: 39.852 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6





#71

Anthracene

Concen: 40.551 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB107541BS

Tgt Ion:178 Resp: 1139323

Ion Ratio Lower Upper

178 100

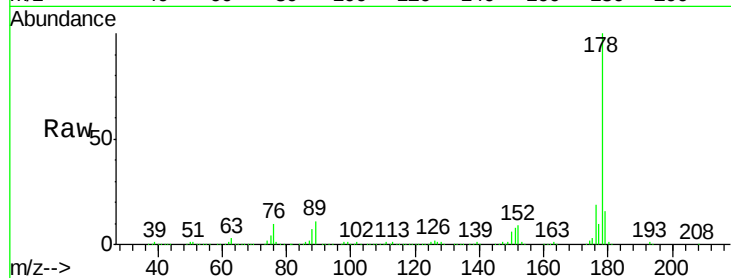
176 19.2 15.4 23.2

179 15.8 12.6 19.0

Manual Integrations
APPROVED

Sohil

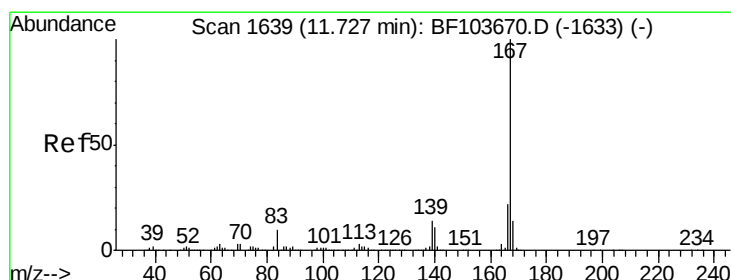
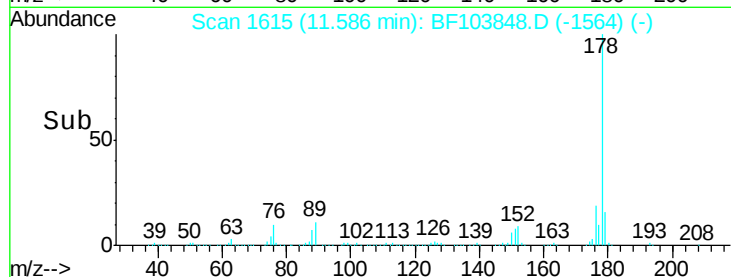
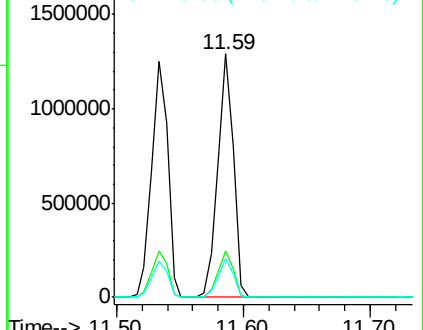
3/23/2018 2:46:26 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.031 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

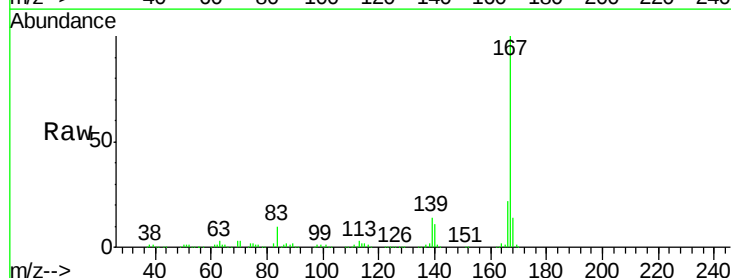
Tgt Ion:167 Resp: 1065872

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

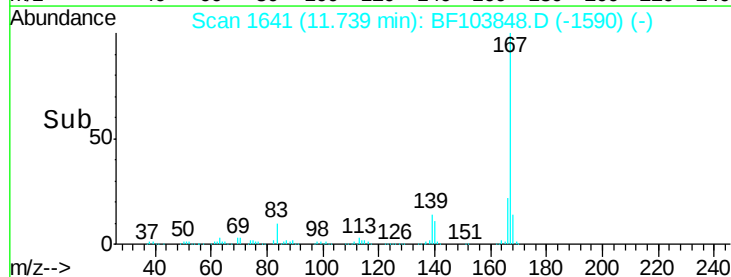
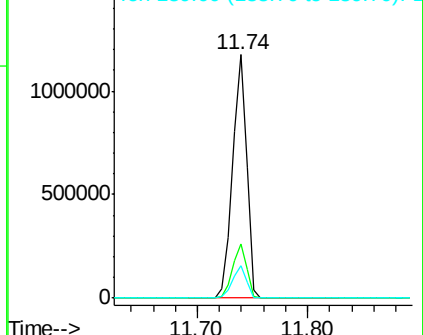
139 13.6 10.9 16.3

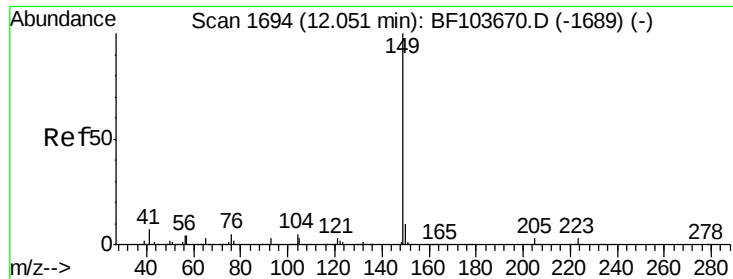


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.792 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB107541BS

Tgt Ion:149 Resp: 1336622

Ion Ratio Lower Upper

149 100

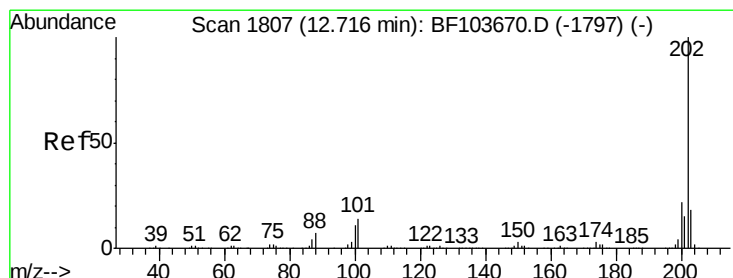
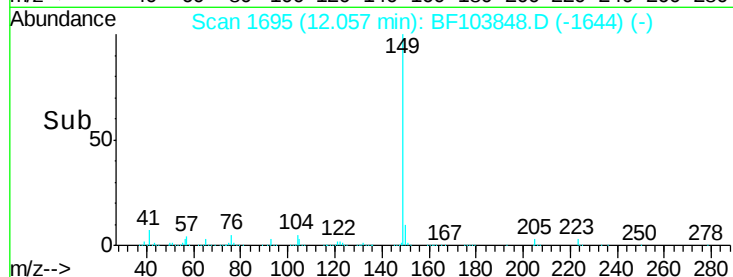
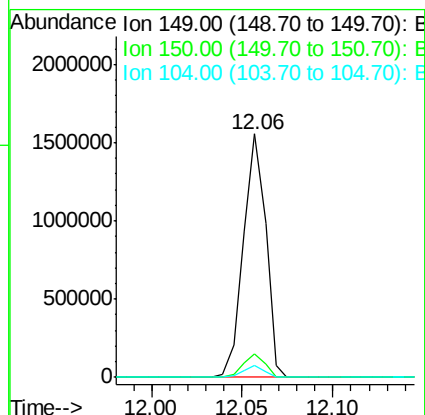
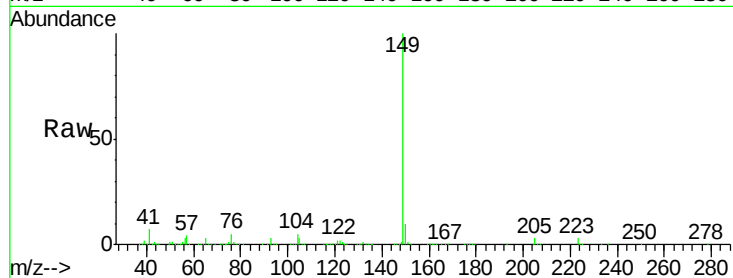
150 9.5 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.877 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

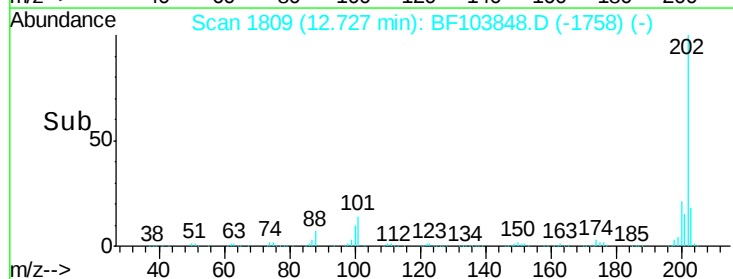
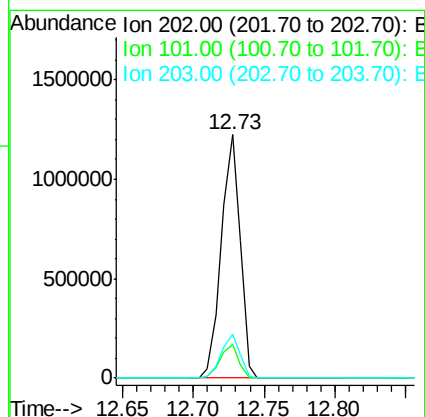
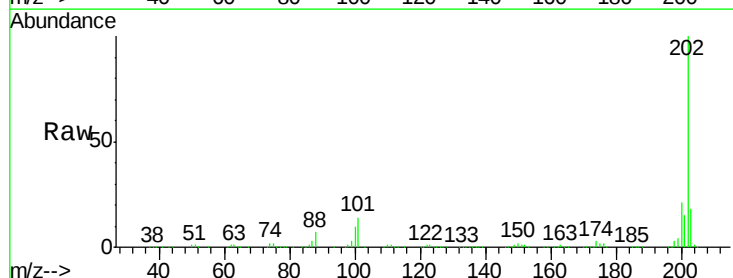
Tgt Ion:202 Resp: 1136469

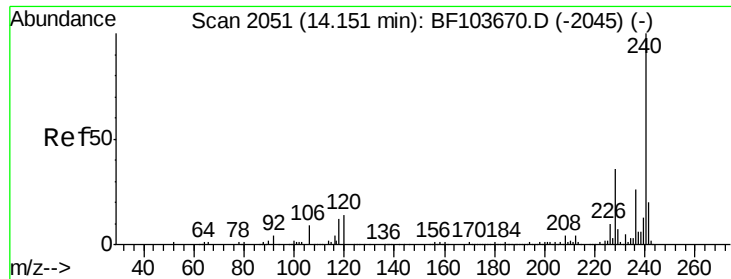
Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

203 18.3 0.0 38.1





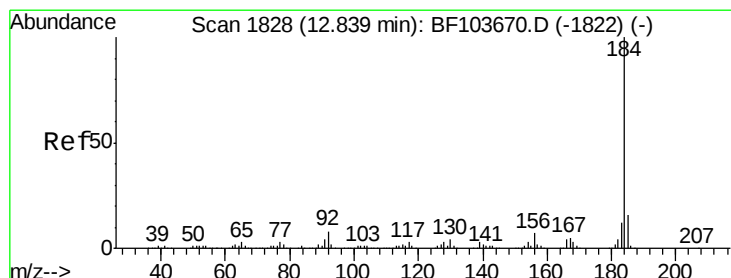
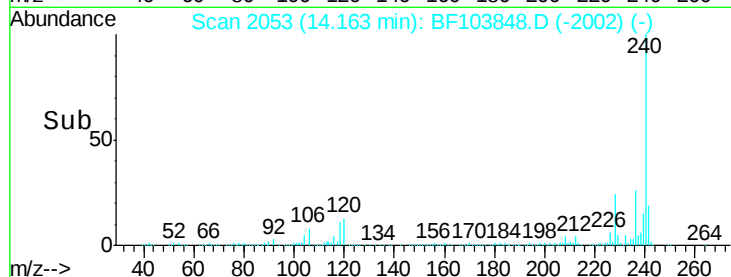
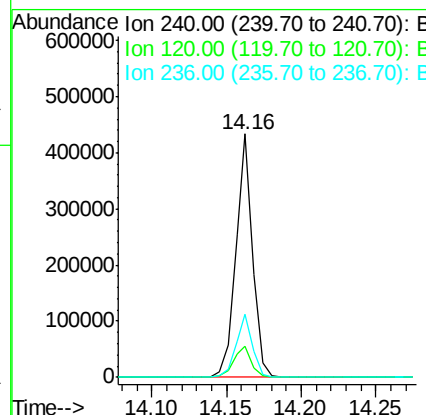
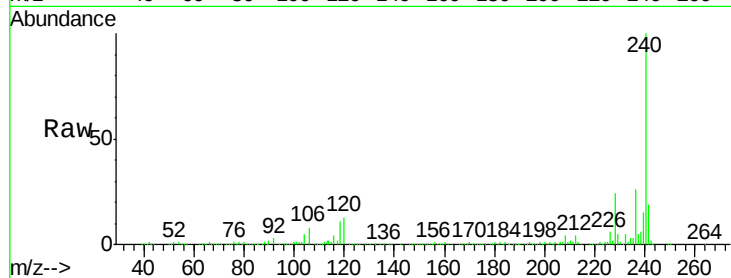
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343354		
120	12.6	9.5	14.3	
236	26.0	20.7	31.1	

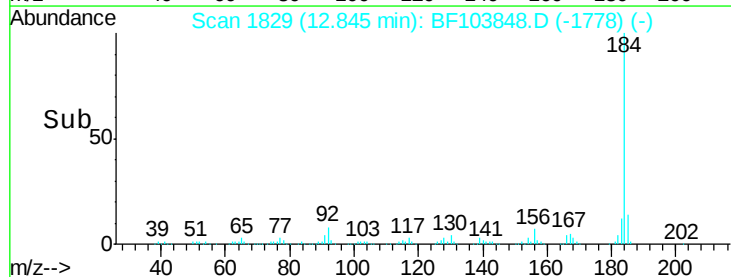
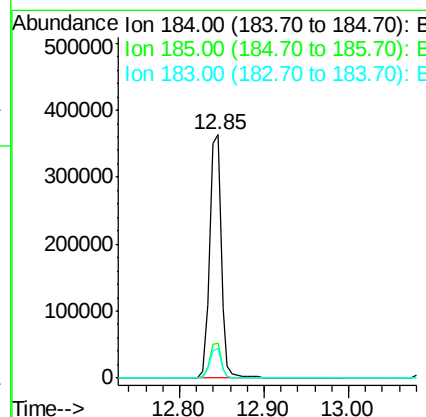
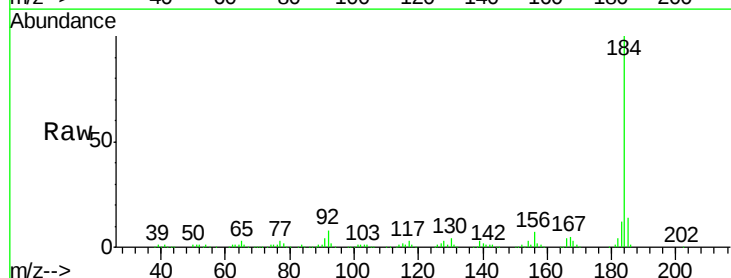
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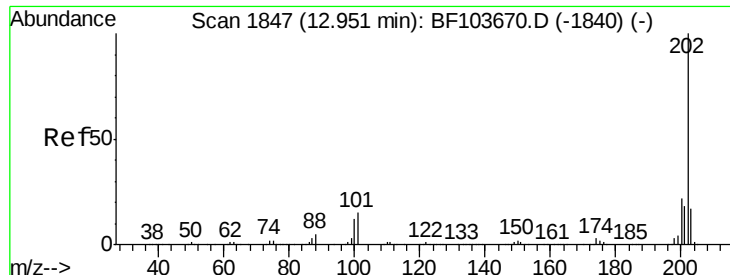
Sohil
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#76
Benzidine
Concen: 23.669 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	346613		
185	14.4	12.6	18.8	
183	12.0	9.3	13.9	





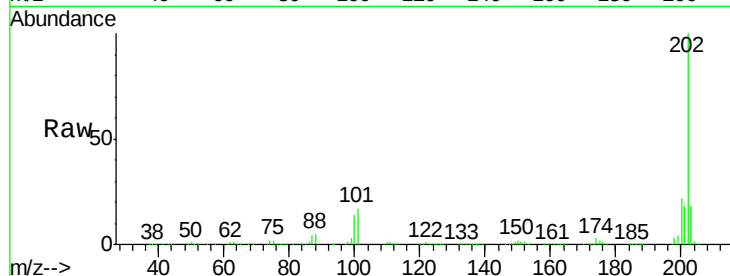
#77
 Pyrene
 Concen: 44.911 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampled :
 PB107541BS

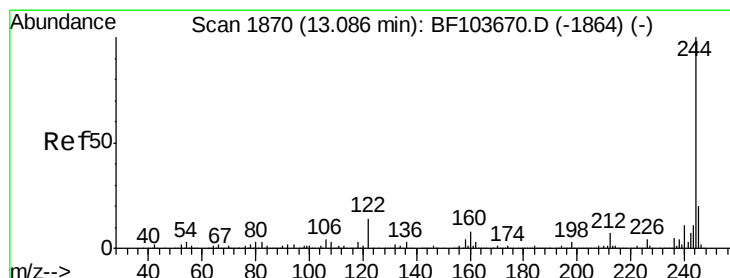
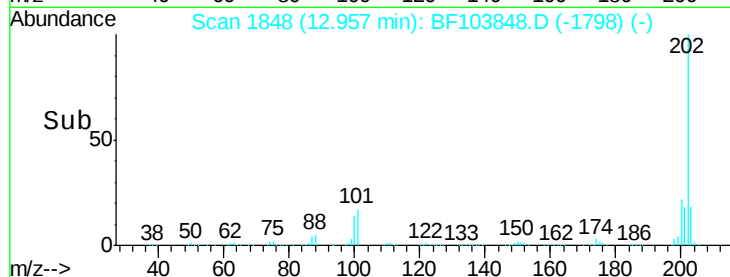
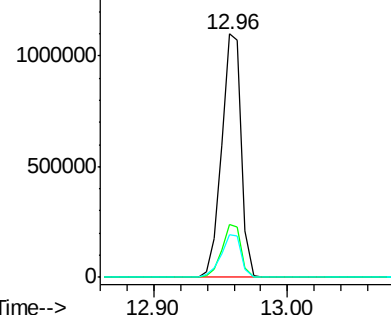
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

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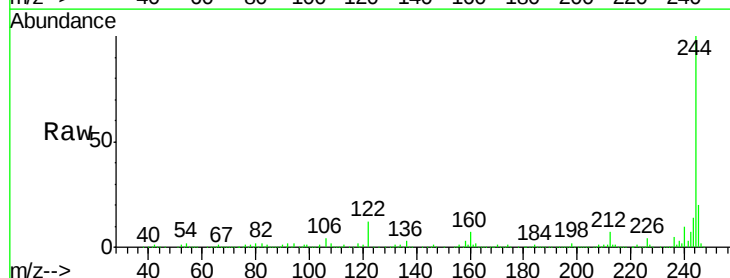


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

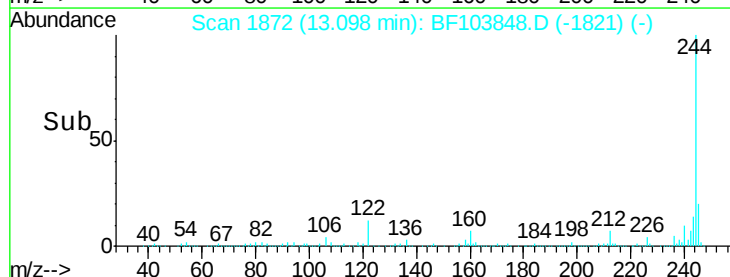
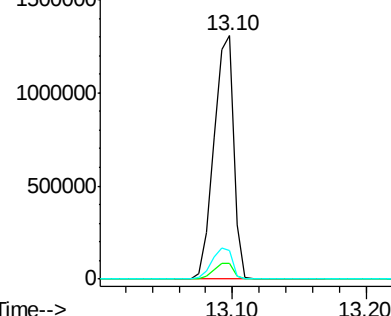


#78
 Terphenyl-d14
 Concen: 92.664 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4



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





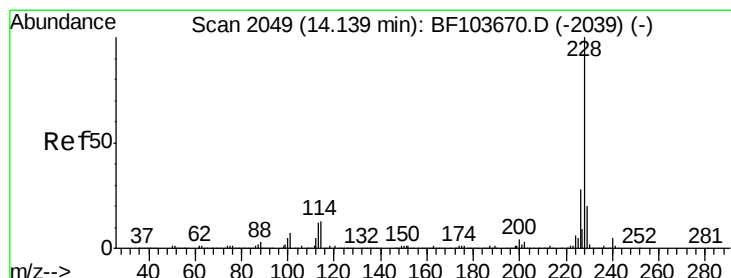
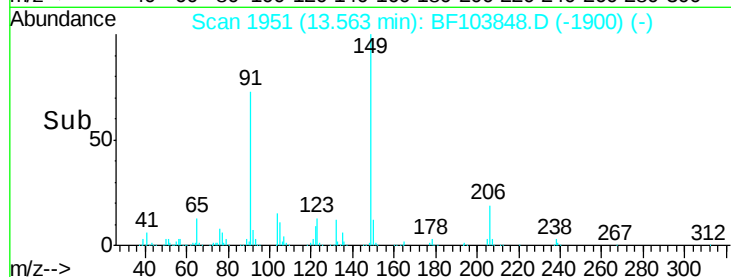
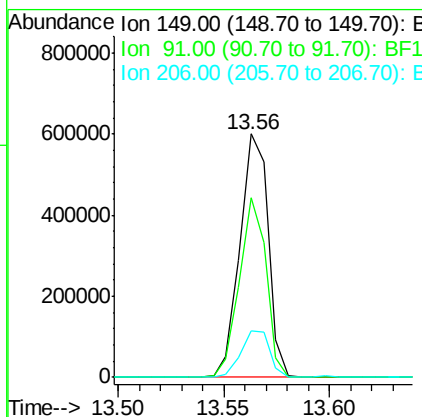
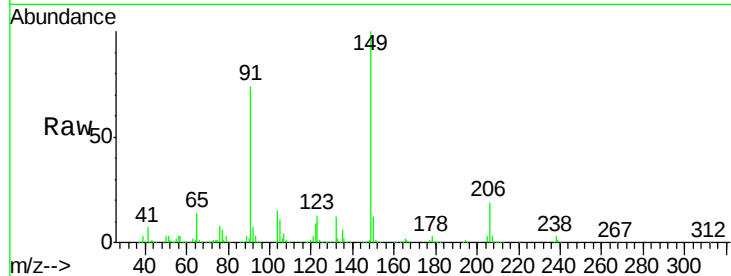
#79
Butylbenzylphthalate
Concen: 49.686 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	555085		
91	73.5	56.8	85.2	
206	18.9	14.1	21.1	

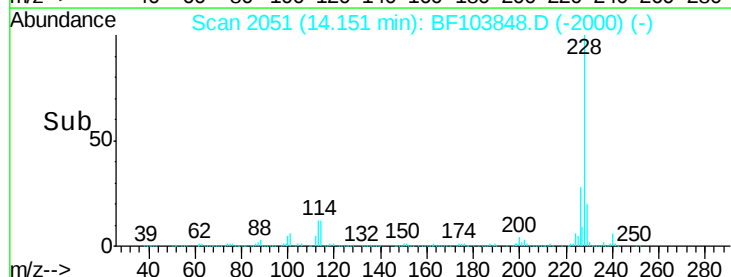
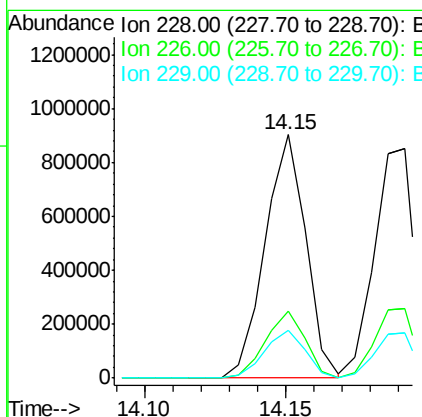
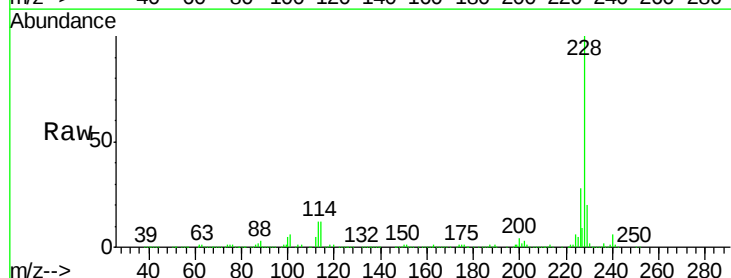
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#80
Benzo(a)anthracene
Concen: 41.559 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	903247		
226	27.6	22.6	33.8	
229	19.8	15.8	23.6	





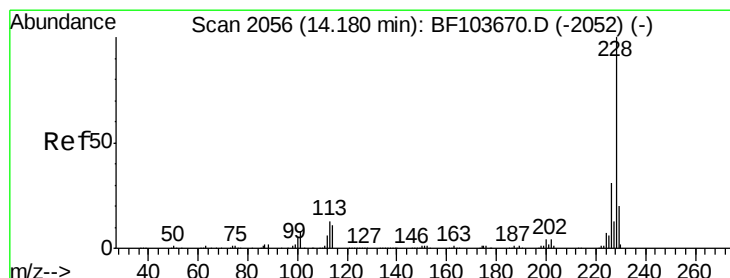
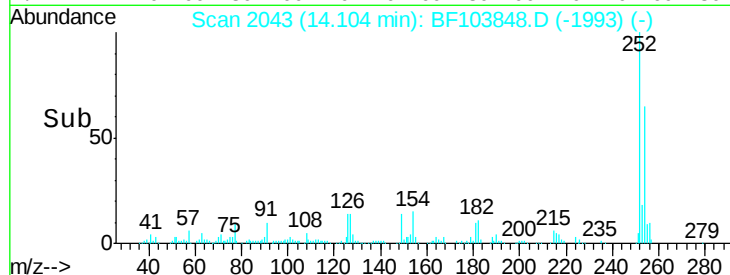
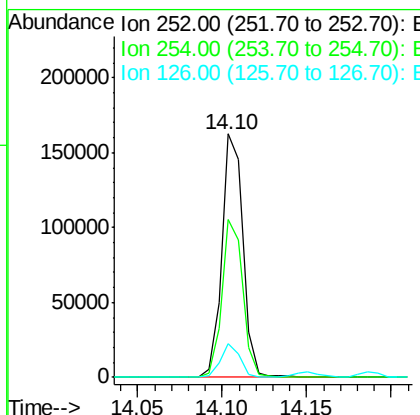
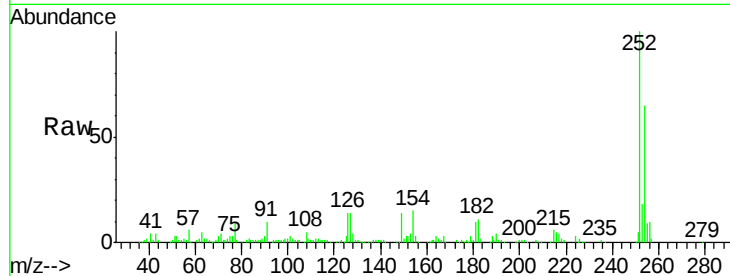
#81
 3,3'-Dichlorobenzidine
 Concen: 19.485 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	141655		
254	64.7	50.4	75.6	
126	14.0	11.3	16.9	

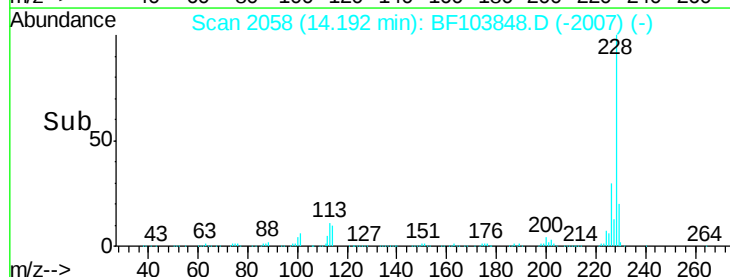
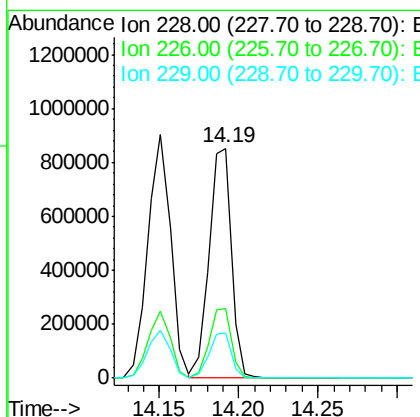
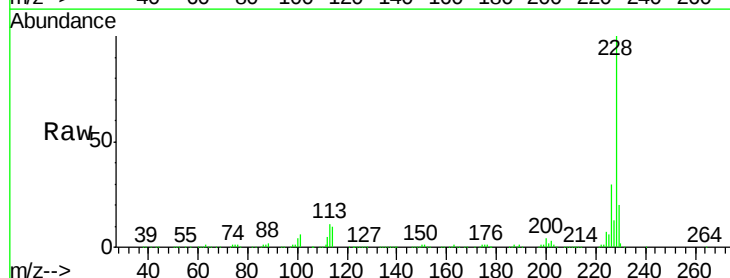
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#82
 Chrysene
 Concen: 40.552 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	840169		
226	30.4	25.0	37.6	
229	19.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.807 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

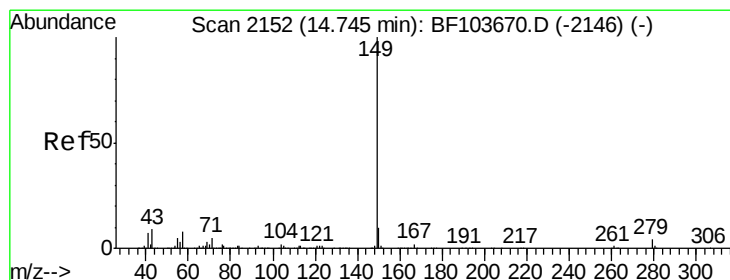
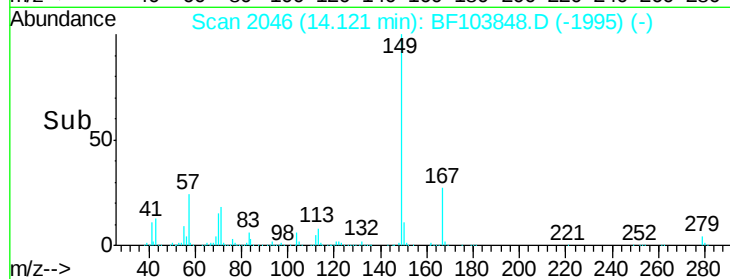
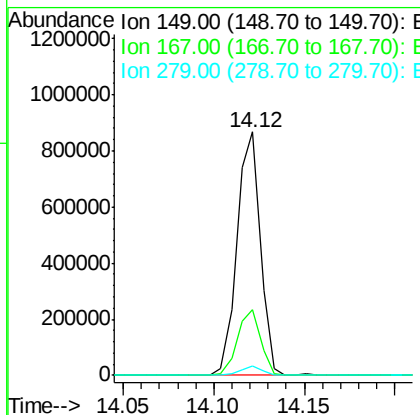
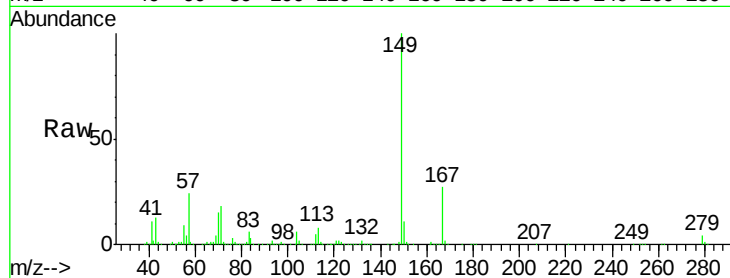
ClientSampleId :

PB107541BS

Tgt Ion:	149	Resp:	778952
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	3.8	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 52.716 ng

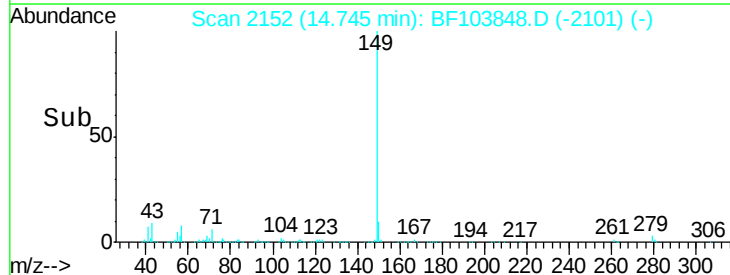
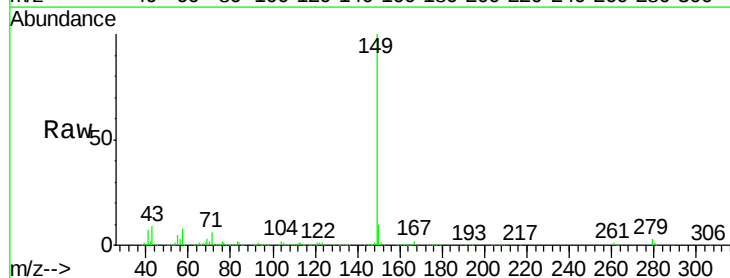
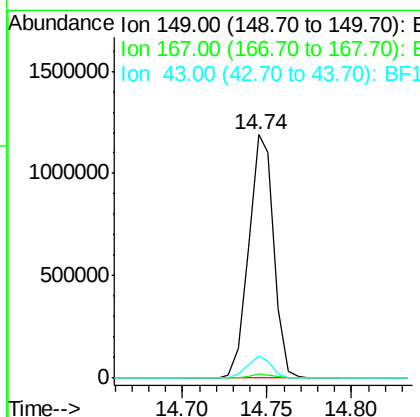
RT: 14.74 min Scan# 2152

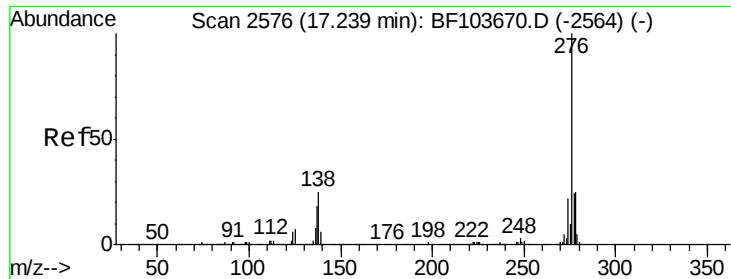
Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	149	Resp:	1223997
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.5	8.4	12.6





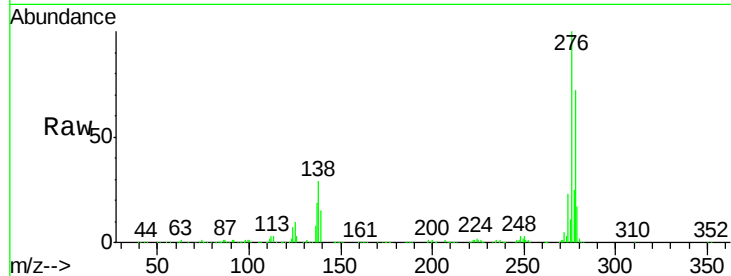
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.576 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.01 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB107541BS

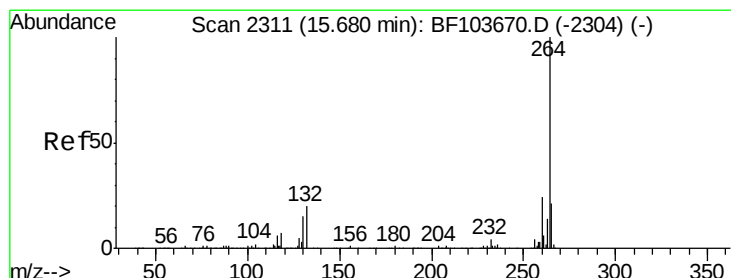
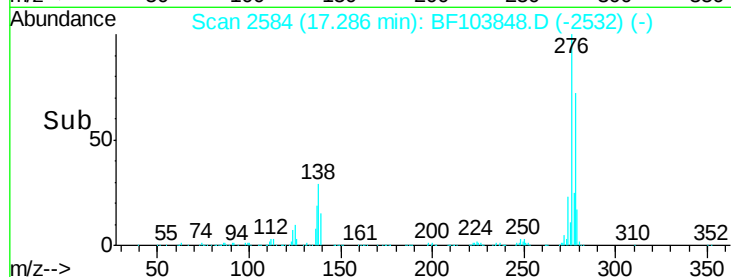
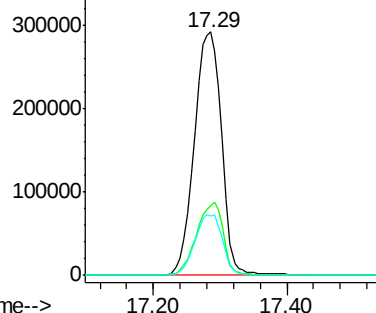
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	25.3	20.1	30.1

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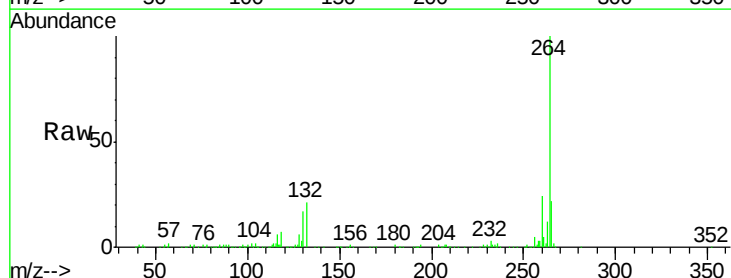


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

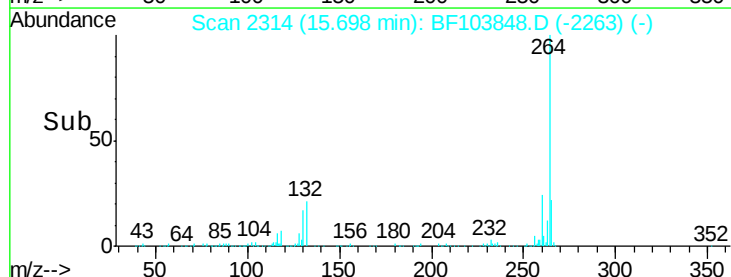
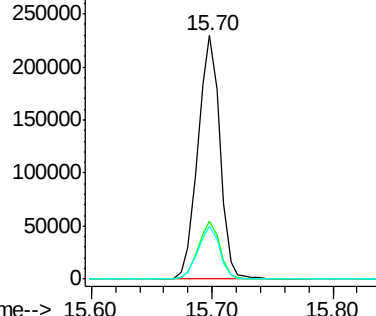


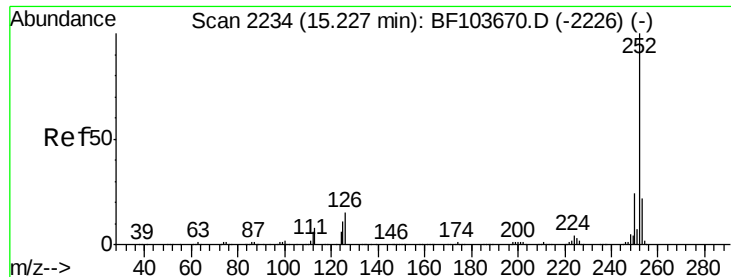
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BF103848.D
 Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	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: 41.398 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

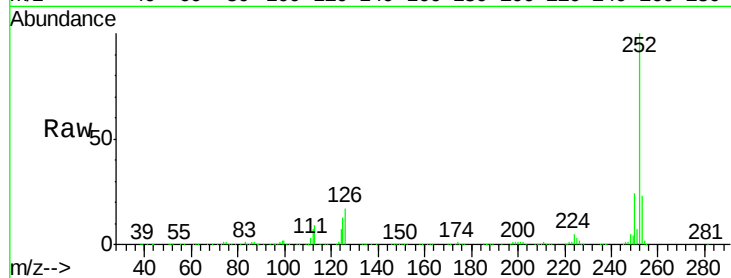
ClientSampleId :

PB107541BS

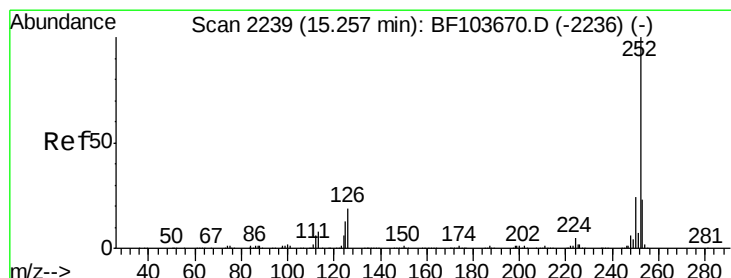
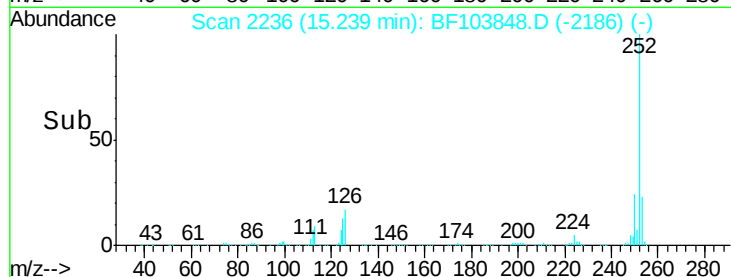
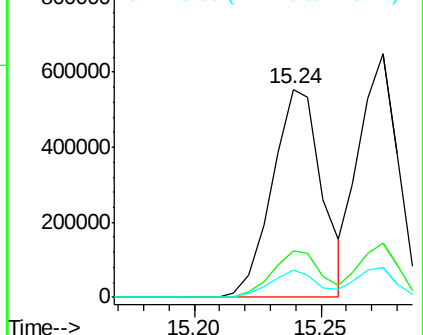
Tgt Ion:	252	Resp:	760286
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	13.3	9.0	13.6

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



#88

Benzo(k)fluoranthene

Concen: 39.751 ng

RT: 15.27 min Scan# 2242

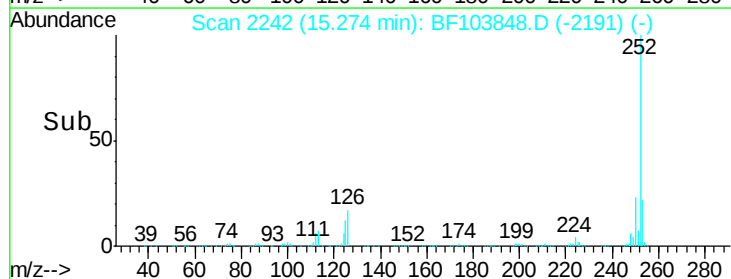
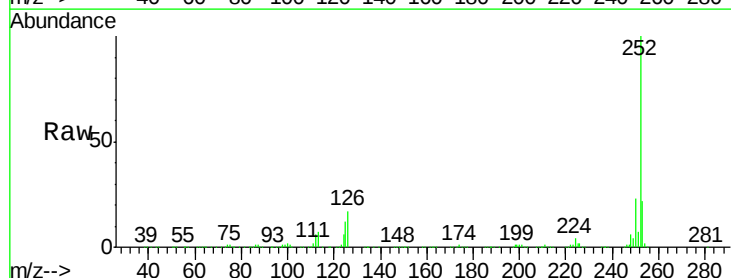
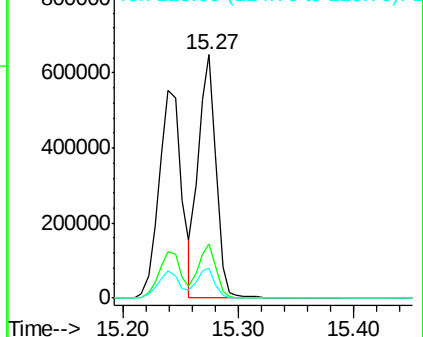
Delta R.T. 0.00 min

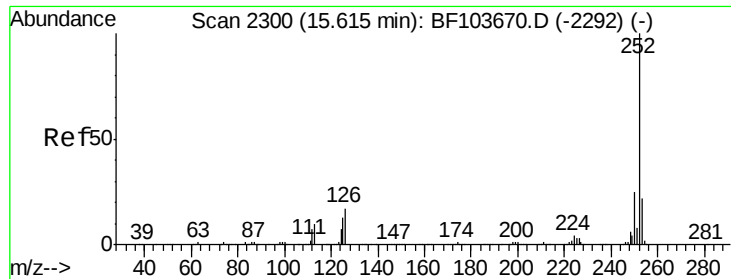
Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Tgt Ion:	252	Resp:	701758
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	12.0	10.2	15.2

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





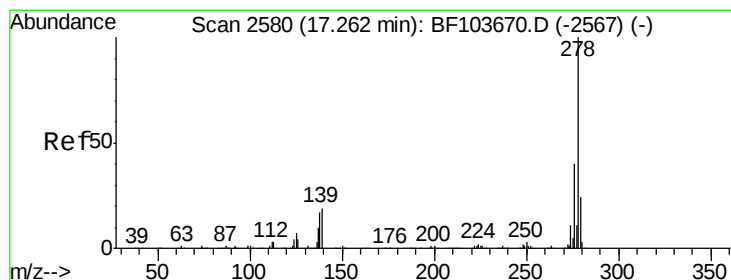
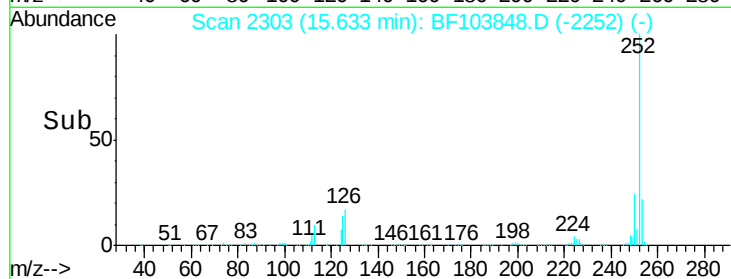
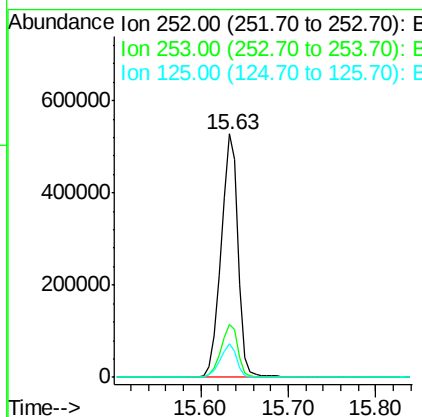
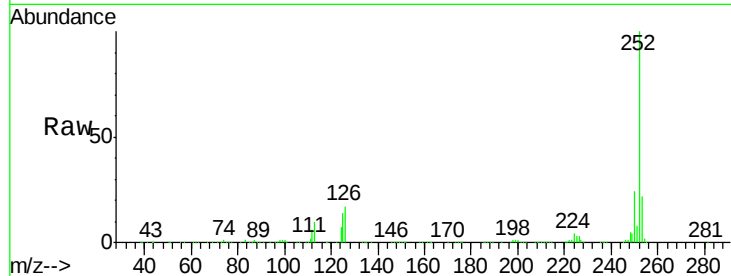
#89
Benzo(a)pyrene
Concen: 42.782 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB107541BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.0	9.8	14.6

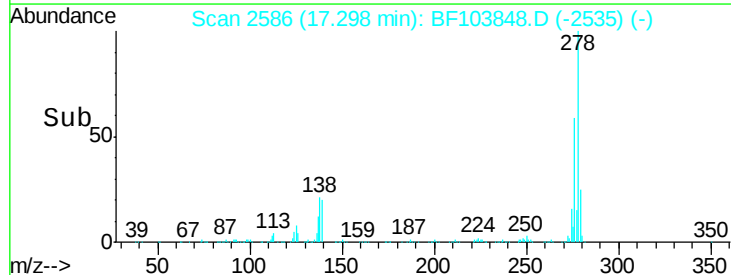
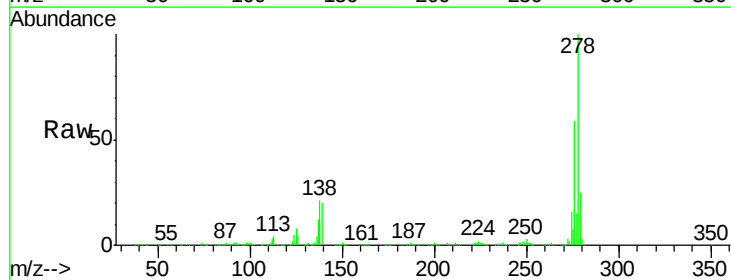
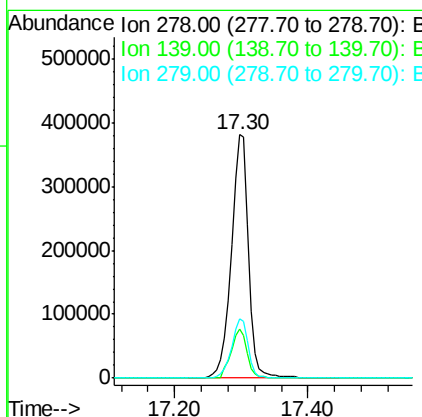
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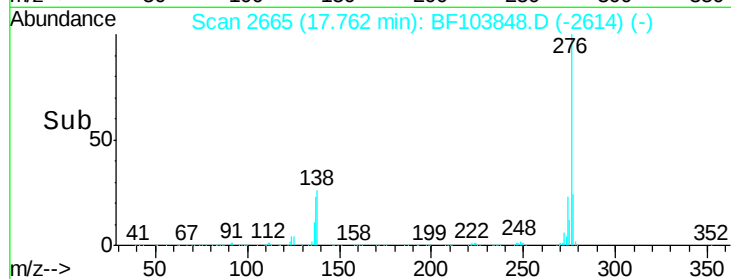
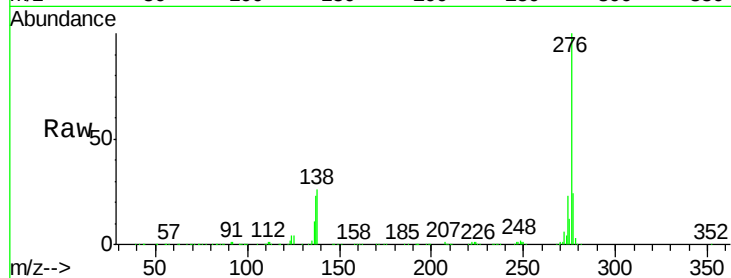
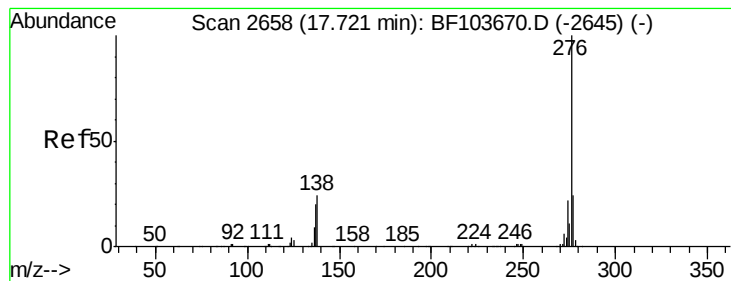
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#90
Dibenzo(a,h)anthracene
Concen: 48.171 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.00 min
Lab File: BF103848.D
Acq: 22 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	24.5	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 50.076 ng

RT: 17.76 min Scan# 2665

Delta R.T. 0.00 min

Lab File: BF103848.D

Acq: 22 Mar 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB107541BS

Tgt Ion:	276	Resp:	702671
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.9	26.9
138	25.7	21.8	32.8

Manual Integrations
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