

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103447.D
 Acq On : 6 Mar 2018 11:24
 Operator : SJ/JU
 Sample : PB106993BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:14:40 PM

3/7/2018 12:14:40 PM

Quant Time: Mar 07 11:08:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	97707	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	427898	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	189189	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	350567	20.00	ng	0.00
75) Chrysene-d12	14.06	240	292092	20.00	ng	0.00
86) Perylene-d12	15.58	264	249300	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	89033m	13.78	ng	0.02
7) Phenol-d6	6.52	99	111027	14.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	71650	9.56	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	18791	11.73	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	131475	7.68	ng	0.00
78) Terphenyl-d14	12.99	244	127907	10.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	13440	3.939	ng	99
3) Pyridine	3.61	79	42501m	4.666	ng	
4) n-Nitrosodimethylamine	3.52	42	21600m	5.880	ng	
6) Aniline	6.55	93	27691	2.427	ng	# 45
8) 2-Chlorophenol	6.66	128	31656	4.717	ng	90
9) Benzaldehyde	6.45	77	16193m	2.175	ng	
10) Phenol	6.54	94	44388	4.837	ng	# 59
11) bis(2-Chloroethyl)ether	6.60	93	26543	3.811	ng	98
12) 1,3-Dichlorobenzene	6.81	146	33565	4.377	ng	97
13) 1,4-Dichlorobenzene	6.89	146	35380	4.601	ng	97
14) 1,2-Dichlorobenzene	7.04	146	32609	4.599	ng	98
15) Benzyl Alcohol	7.04	79	26307	4.416	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	50726	4.241	ng	54
17) 2-Methylphenol	7.14	107	25390	4.163	ng	# 71
18) Hexachloroethane	7.37	117	12594	4.499	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	27090	5.506	ng	96
20) 3+4-Methylphenols	7.30	107	37622	5.060	ng	# 75
22) Acetophenone	7.29	105	49362	4.942	ng	# 94
24) Nitrobenzene	7.46	77	35505	4.304	ng	94
25) Isophorone	7.69	82	71644	4.855	ng	95
26) 2-Nitrophenol	7.78	139	16155	4.160	ng	92
27) 2,4-Dimethylphenol	7.82	122	29630	4.991	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	43250	4.985	ng	97
29) 2,4-Dichlorophenol	8.05	162	25929	4.562	ng	92
30) 1,2,4-Trichlorobenzene	8.10	180	25544	4.221	ng	97
31) Naphthalene	8.17	128	97302	4.645	ng	99
32) Benzoic acid	7.96	122	5828m	8.046	ng	
33) 4-Chloroaniline	8.25	127	26803	2.965	ng	# 91
34) Hexachlorobutadiene	8.28	225	12542	3.980	ng	99
35) Caprolactam	8.59	113	8608	4.310	ng	# 75
36) 4-Chloro-3-methylphenol	8.73	107	30332	4.732	ng	98
37) 2-Methylnaphthalene	8.87	142	64146	4.738	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	23147	4.475	ng	99
40) Hexachlorocyclopentadiene	9.02	237	685m	9.216	ng	

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Manual Integrations
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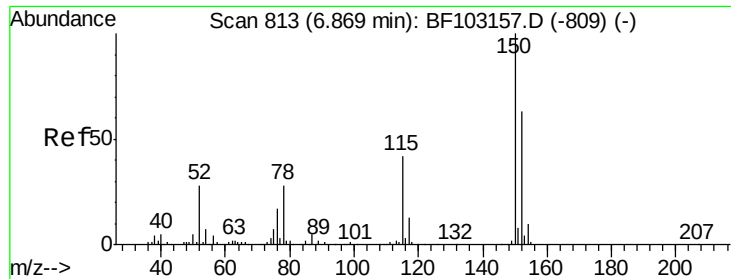
Sohil
 3/7/2018 12:14:40 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	15434	4.435	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	17492	4.370	ng	96
45) 1,1'-Biphenyl	9.33	154	76763	4.842	ng	95
46) 2-Chloronaphthalene	9.36	162	56505	4.505	ng	99
47) 2-Nitroaniline	9.47	65	20919	4.503	ng	# 80
48) Acenaphthylene	9.77	152	89248	4.625	ng	99
49) Dimethylphthalate	9.62	163	65977	4.347	ng	98
50) 2,6-Dinitrotoluene	9.70	165	13288	4.172	ng	# 70
51) Acenaphthene	9.95	154	51328	4.562	ng	98
52) 3-Nitroaniline	9.89	138	13236	3.276	ng	89
54) Dibenzofuran	10.12	168	85383	5.528	ng	94
55) 4-Nitrophenol	10.10	139	6706m	2.678	ng	
56) 2,4-Dinitrotoluene	10.12	165	18640	4.627	ng	# 50
57) Fluorene	10.46	166	67887	5.159	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	11898	4.425	ng	# 94
59) Diethylphthalate	10.32	149	73277	5.048	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	28016	5.021	ng	100
61) 4-Nitroaniline	10.50	138	16573	4.106	ng	97
62) Azobenzene	10.61	77	77727	5.261	ng	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	874	5.313	ng	# 32
65) n-Nitrosodiphenylamine	10.57	169	56525	4.631	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	15873	4.347	ng	93
67) Hexachlorobenzene	11.02	284	15194	3.833	ng	92
68) Atrazine	11.09	200	16174	4.409	ng	98
69) Pentachlorophenol	11.23	266	5323	2.777	ng	90
70) Phenanthrene	11.43	178	91644	4.750	ng	98
71) Anthracene	11.49	178	97429	4.925	ng	99
72) Carbazole	11.65	167	94527	4.798	ng	100
73) Di-n-butylphthalate	11.95	149	121917	4.946	ng	100
74) Fluoranthene	12.63	202	95779	4.940	ng	96
76) Benzidine	12.76	184	29711	2.721	ng	97
77) Pyrene	12.86	202	102741	4.511	ng	99
79) Butylbenzylphthalate	13.46	149	55799	4.638	ng	96
80) Benzo(a)anthracene	14.05	228	82488	4.352	ng	97
81) 3,3'-Dichlorobenzidine	14.02	252	20485	3.029	ng	99
82) Chrysene	14.09	228	81966	4.454	ng	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	75407	4.644	ng	# 99
84) Di-n-octyl phthalate	14.64	149	122172	4.657	ng	# 88
85) Indeno(1,2,3-cd)pyrene	17.13	276	60772	4.171	ng	# 94
87) Benzo(b)fluoranthene	15.13	252	72582	4.428	ng	# 95
88) Benzo(k)fluoranthene	15.16	252	70328	4.556	ng	# 97
89) Benzo(a)pyrene	15.52	252	66252	4.526	ng	# 94
90) Dibenzo(a,h)anthracene	17.13	278	49517	4.378	ng	# 93
91) Benzo(g,h,i)perylene	17.60	276	48071	4.349	ng	# 87

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

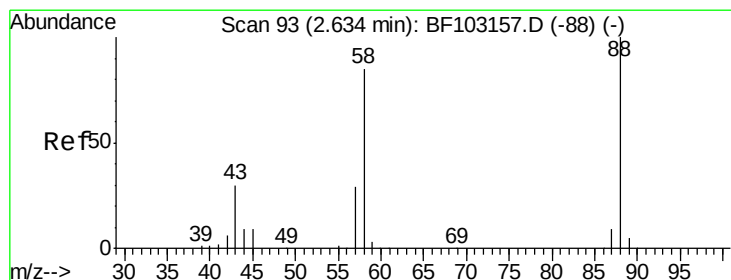
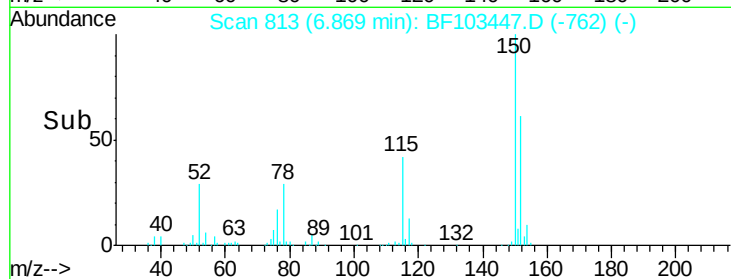
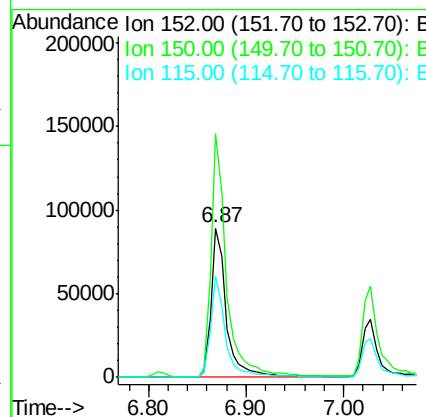
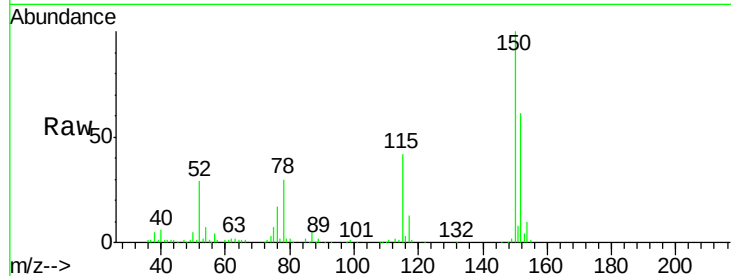
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.6	186.8
115	68.4	50.1	75.1

Manual Integrations
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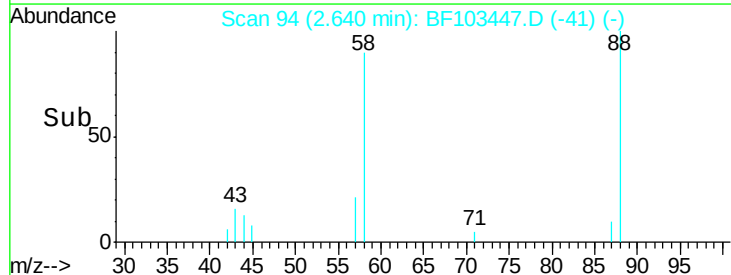
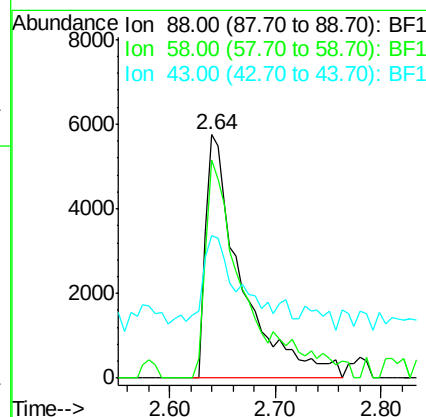
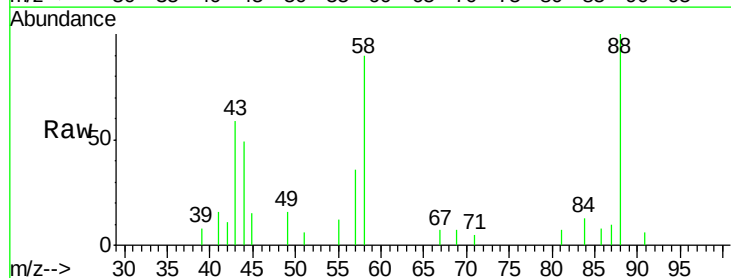
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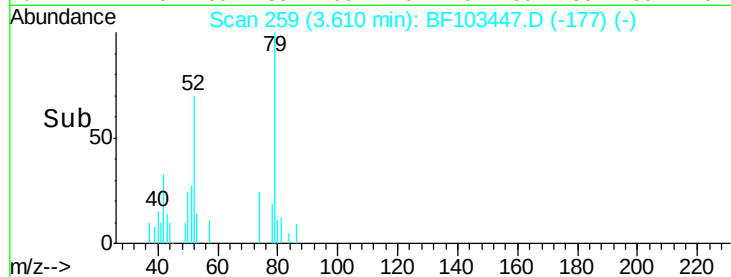
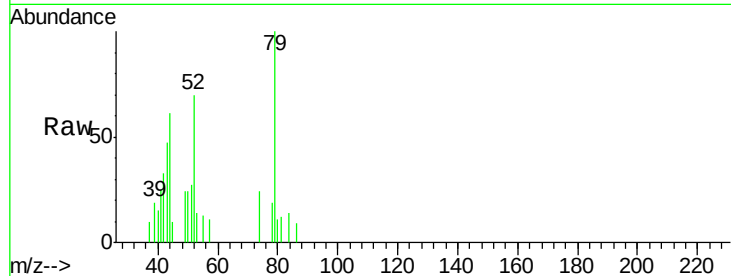
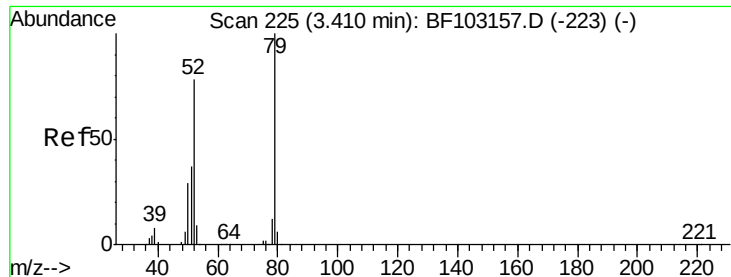


#2

1,4-Dioxane
Concen: 3.939 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	62.6	93.8
43	29.6	24.6	37.0





#3
 Pvridine
 Concen: 4.666 ng m
 RT: 3.61 min Scan# 259
 Delta R.T. 0.18 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

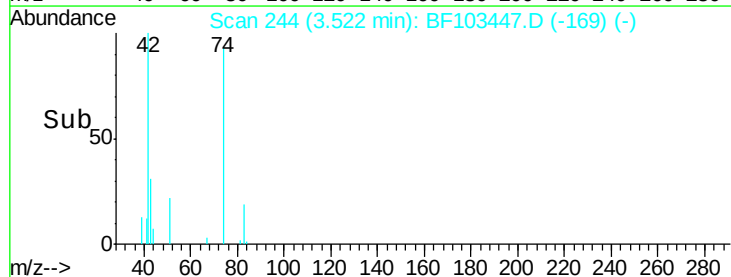
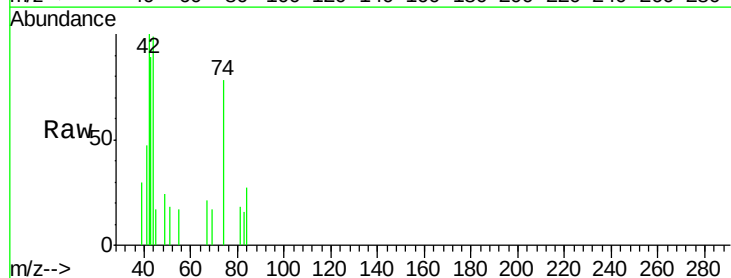
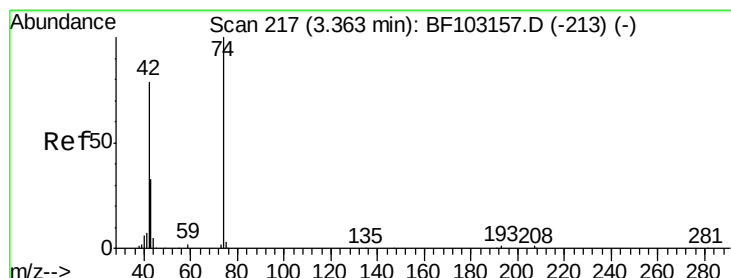
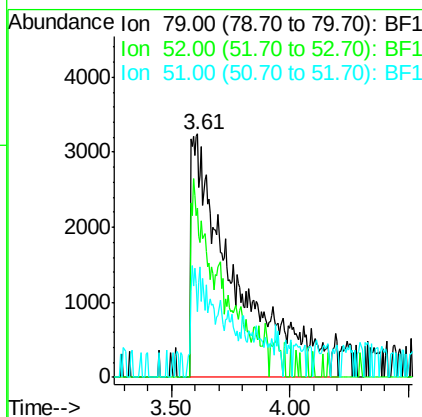
Tot Ion:	79	Resp:	42501
Ion Ratio	Lower	Upper	
79	100		
52	69.8	59.8	89.6
51	27.0	29.8	44.8#

Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Manual Integrations
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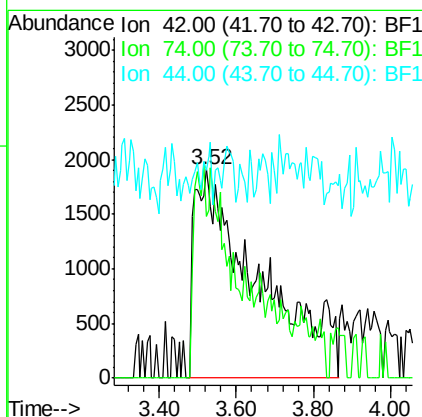
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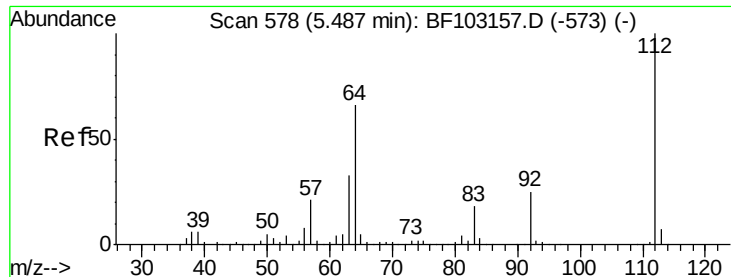
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#4
 n-Nitrosodimethylamine
 Concen: 5.880 ng m
 RT: 3.52 min Scan# 244
 Delta R.T. 0.14 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:	42	Resp:	21600
Ion Ratio	Lower	Upper	
42	100		
74	77.7	104.9	157.3#
44	99.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 13.782 ng/mL
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

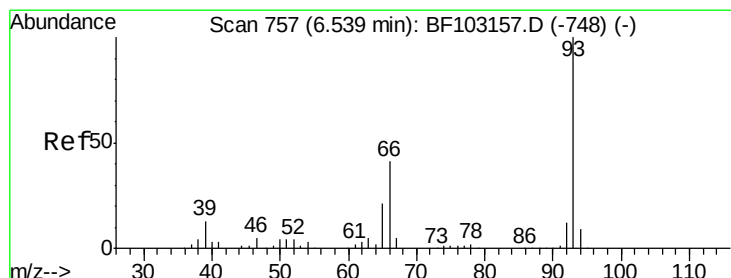
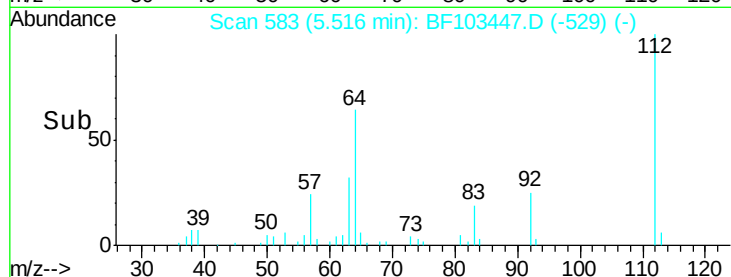
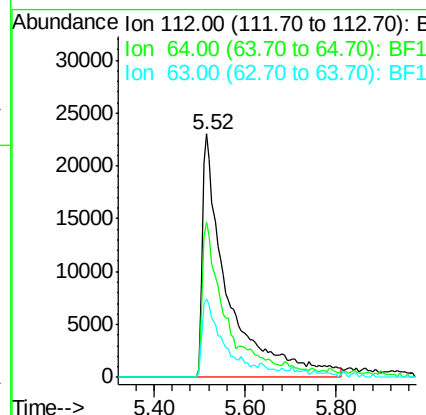
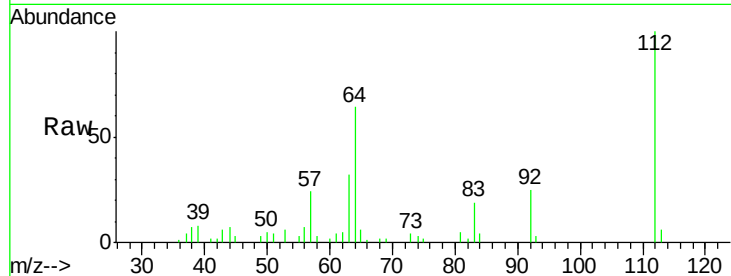
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion:	112	Resp:	89033
Ion Ratio	Lower	Upper	
112	100		
64	63.9	47.9	71.9
63	32.1	23.7	35.5

Manual Integrations
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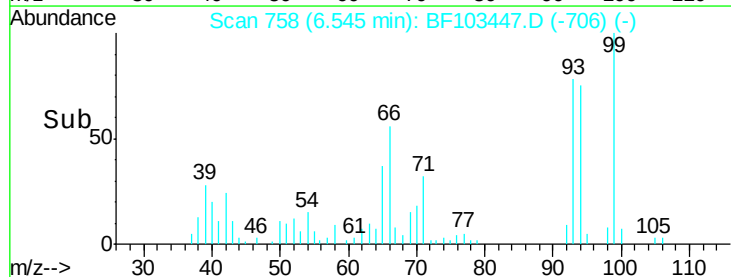
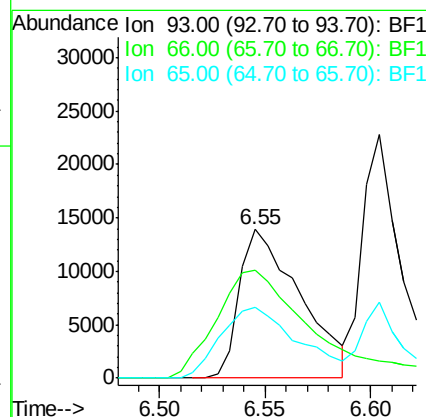
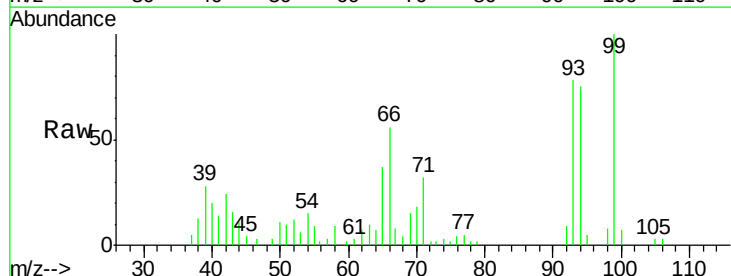


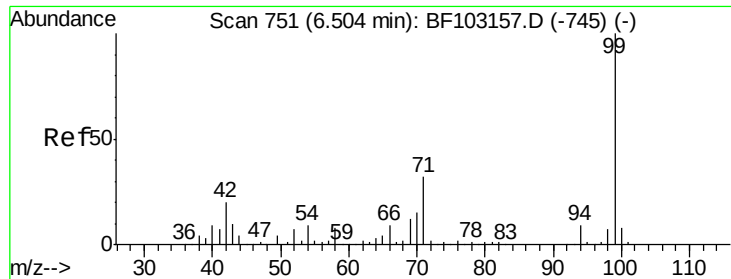
#6

Aniline

Concen: 2.427 ng/mL
 RT: 6.55 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:	93	Resp:	27691
Ion Ratio	Lower	Upper	
93	100		
66	72.8	32.2	48.2#
65	47.5	16.4	24.6#





#7

Phenol-d6

Concen: 14.045 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

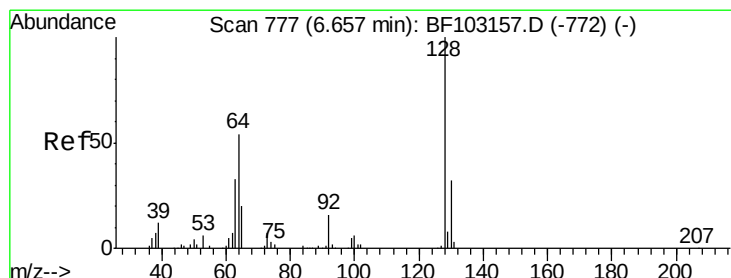
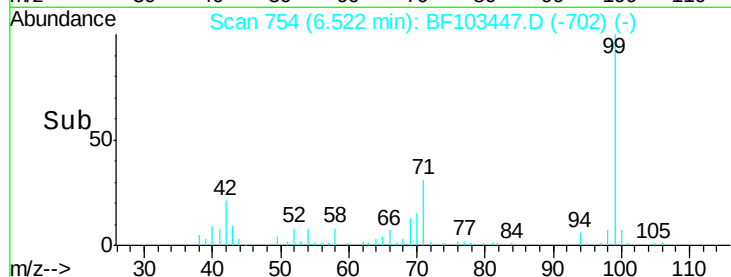
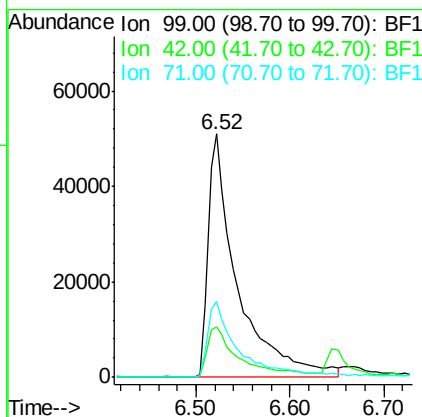
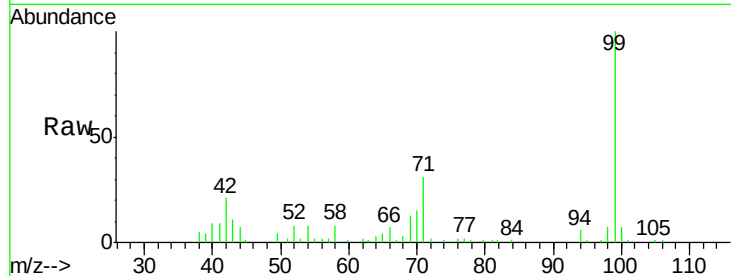
Tot Ion:	99	Resp:	111027
Ion Ratio	Lower	Upper	
99	100		
42	20.8	14.5	21.7
71	31.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 4.717 ng

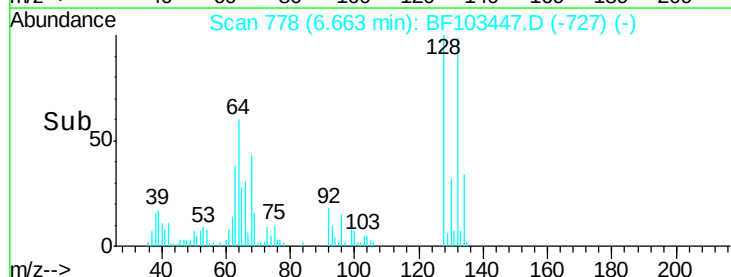
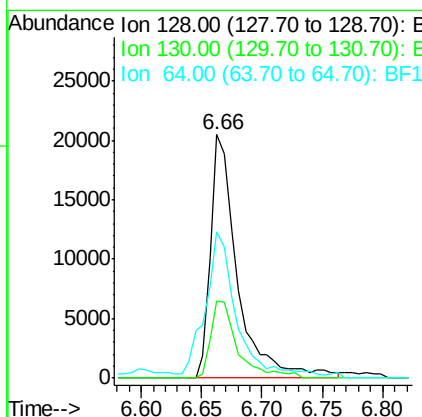
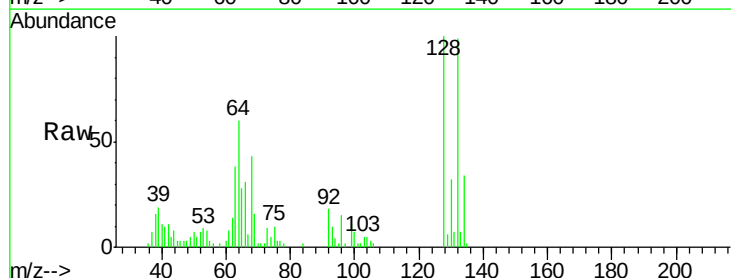
RT: 6.66 min Scan# 778

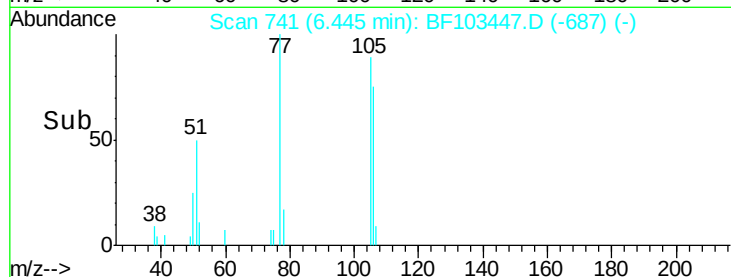
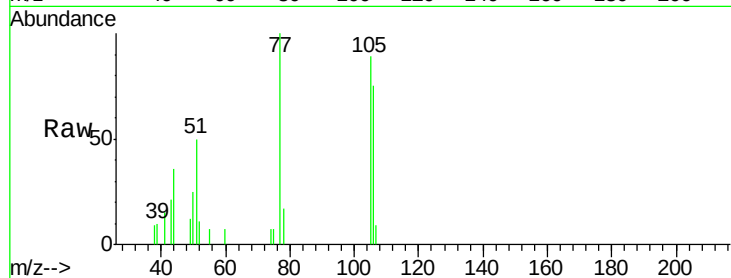
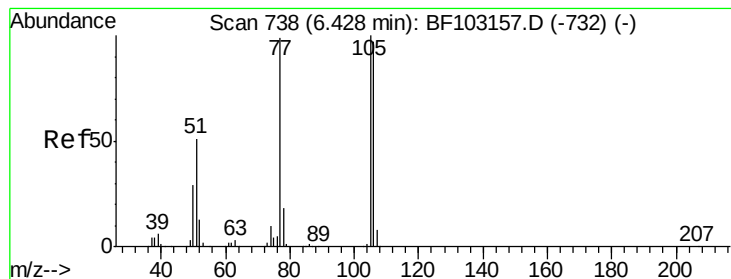
Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	128	Resp:	31656
Ion Ratio	Lower	Upper	
128	100		
130	31.5	13.0	53.0
64	60.2	29.4	69.4





#9

Benzaldehyde

Concen: 2.175 ng/ml
 RT: 6.45 min Scan# 741
 Delta R.T. 0.02 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

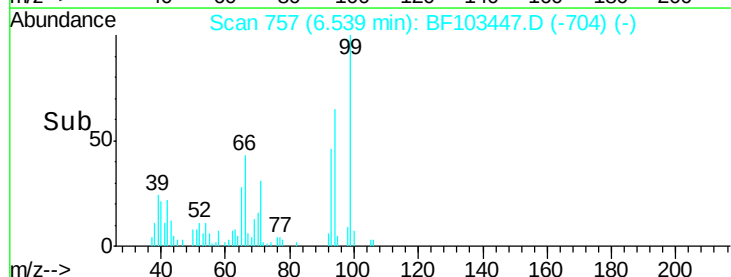
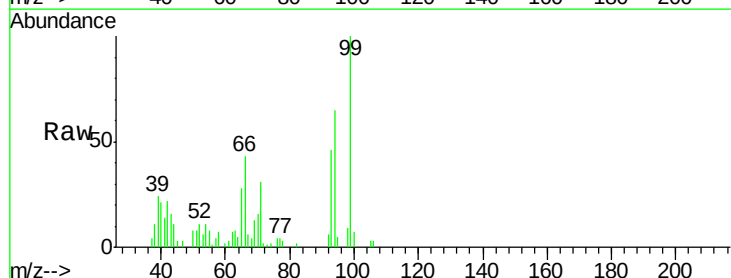
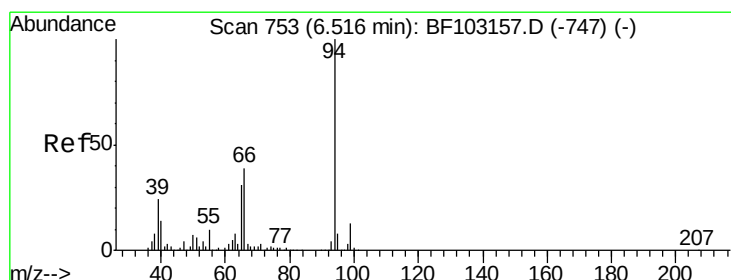
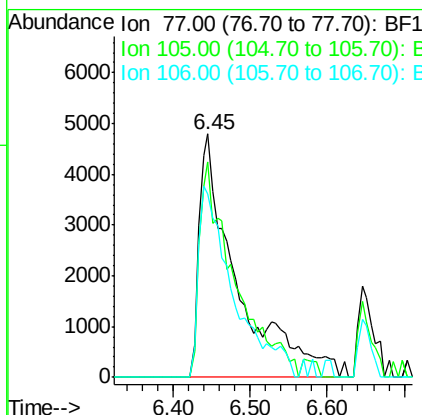
Instrument :
 BNA_F
 ClientSampleID :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.7	81.1	121.1
106	75.4	74.5	114.5

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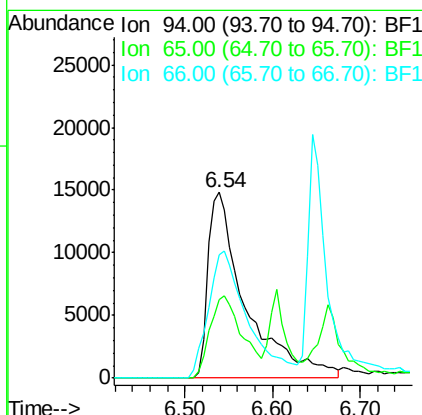


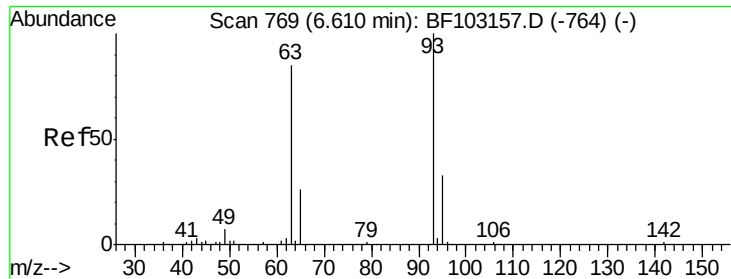
#10

Phenol

Concen: 4.837 ng/ml
 RT: 6.54 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.1	7.9	47.9
66	66.4	16.2	56.2





#11
bis(2-Chloroethyl)ether
Concen: 3.811 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

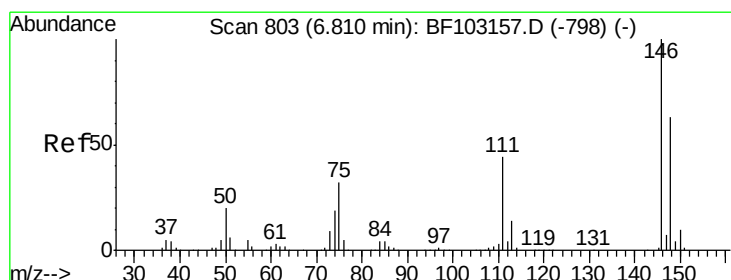
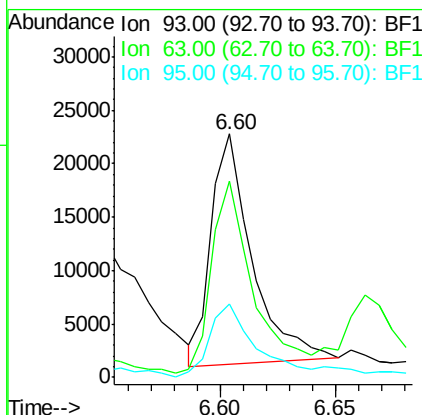
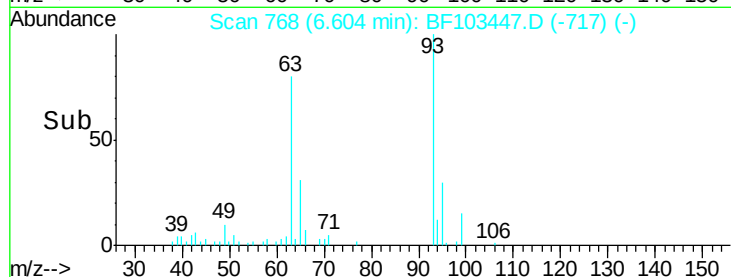
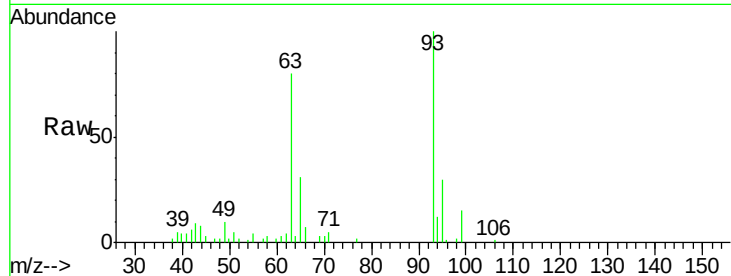
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:	93	Resp:	26543
Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.6	98.6
95	30.2	11.8	51.8

Manual Integrations
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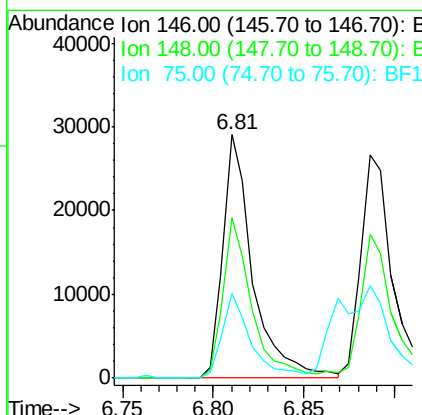
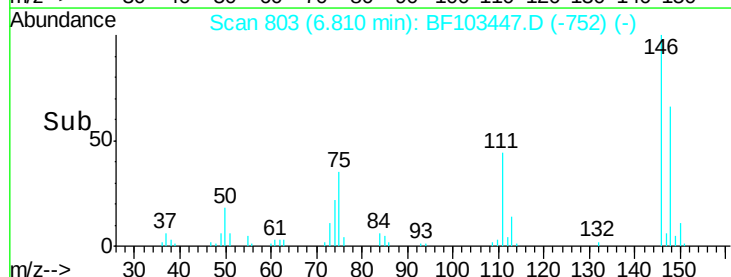
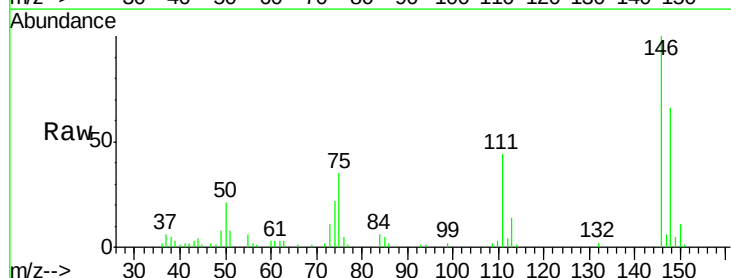
Sohil
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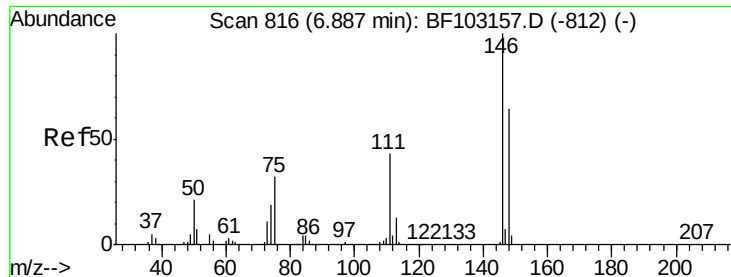
3/7/2018 12:14:40 PM



#12
1,3-Dichlorobenzene
Concen: 4.377 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion:	146	Resp:	33565
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.8
75	34.8	24.2	36.4





#13
 1,4-Dichlorobenzene
 Concen: 4.601 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

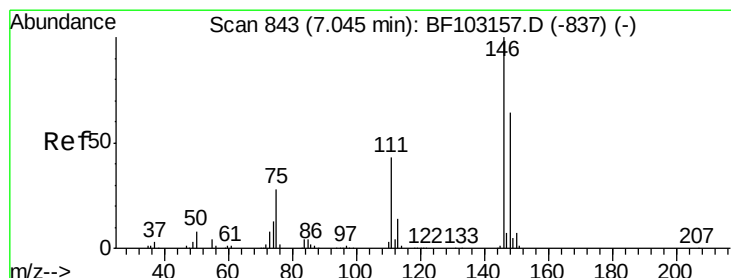
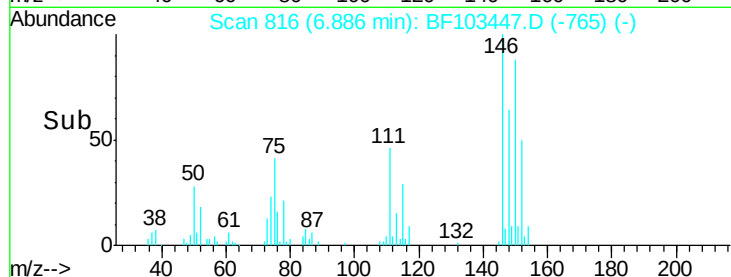
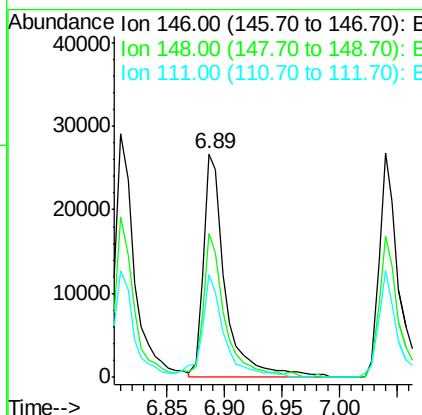
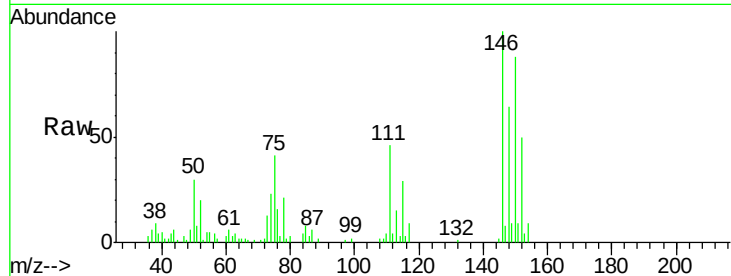
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	46.2	34.2	51.2

Manual Integrations
 APPROVED

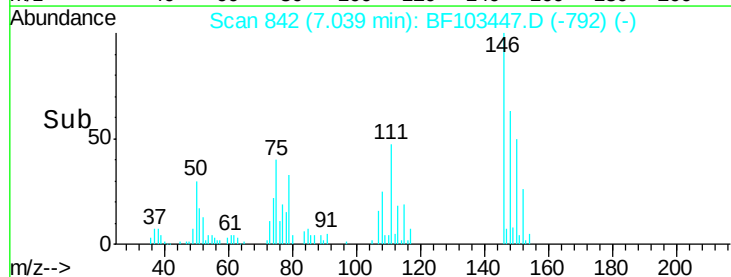
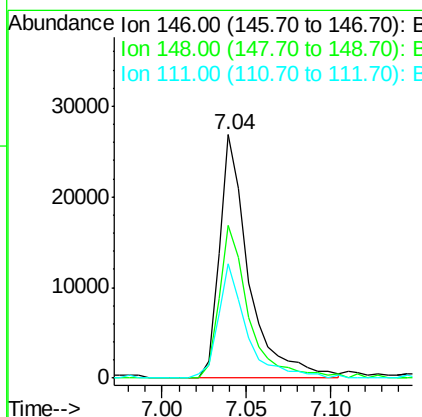
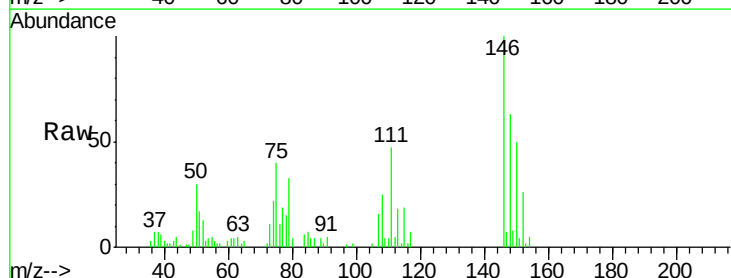
Sohil
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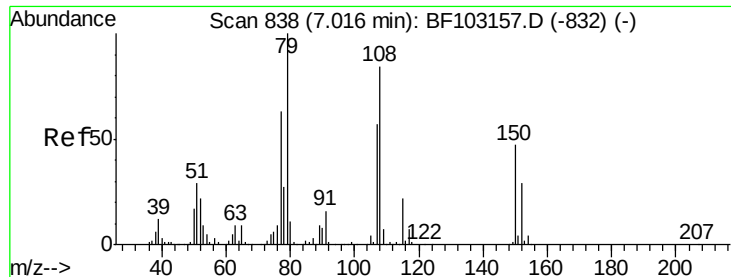
3/7/2018 12:14:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 4.599 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	47.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 4.416 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.02 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampled :

PB106993BS

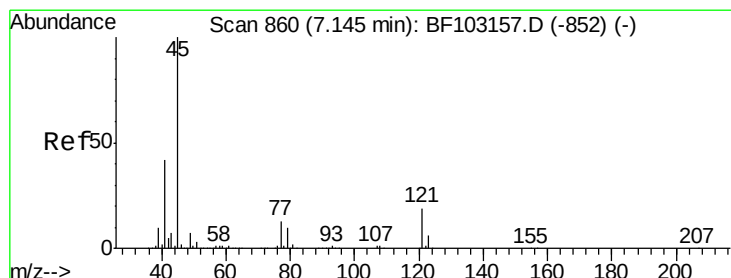
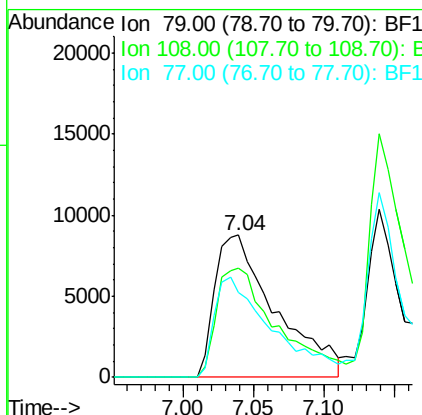
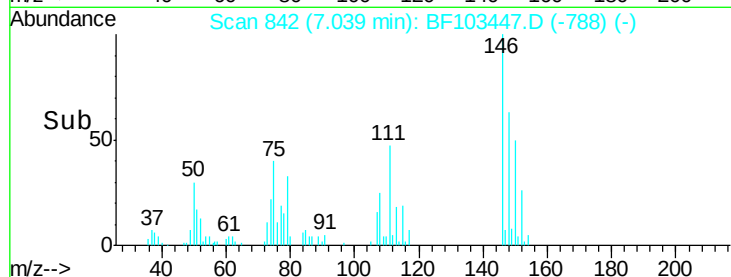
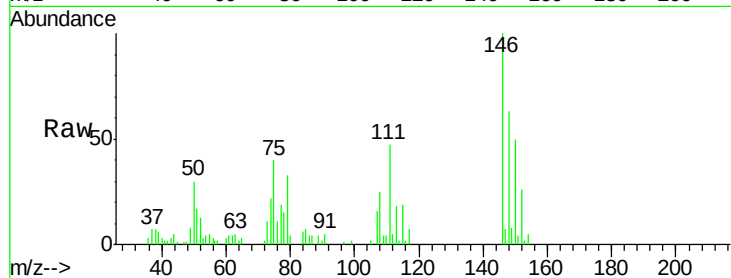
Tot Ion:	79	Resp:	26307
Ion Ratio	Lower	Upper	
79	100		
108	76.8	65.1	97.7
77	59.7	50.6	75.8

Manual Integrations
APPROVED

Sohil

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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.241 ng

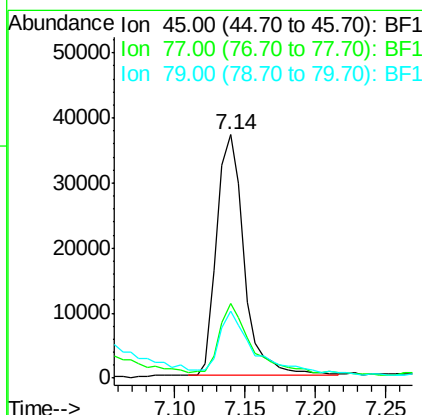
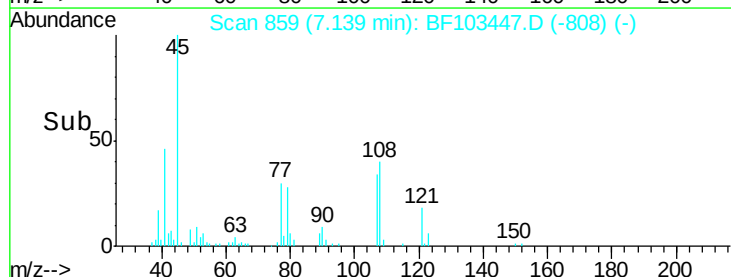
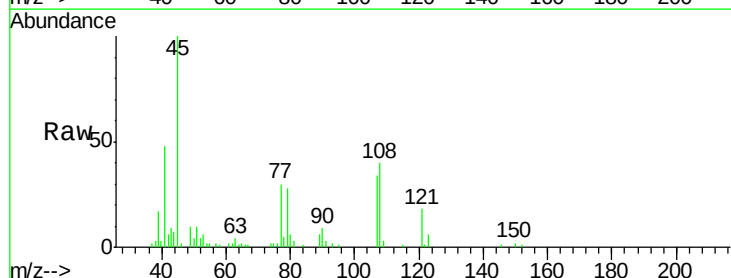
RT: 7.14 min Scan# 859

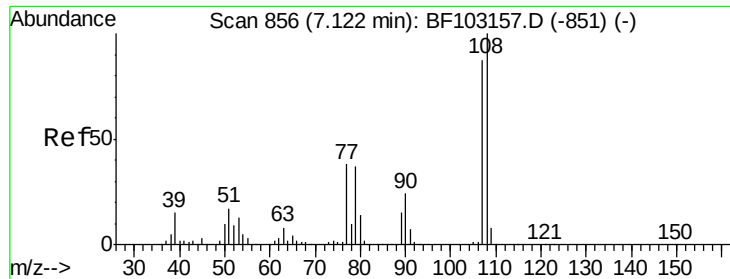
Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	45	Resp:	50726
Ion Ratio	Lower	Upper	
45	100		
77	30.4	0.0	32.9
79	27.7	0.0	29.6





#17
2-Methylphenol
Concen: 4.163 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

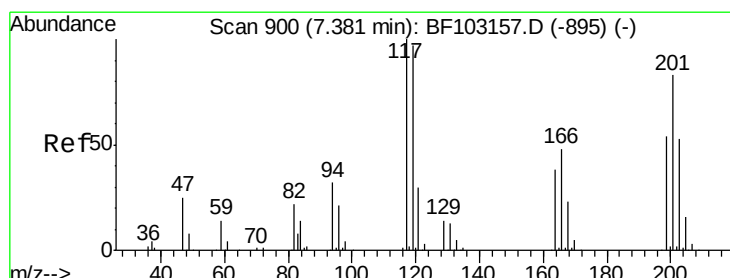
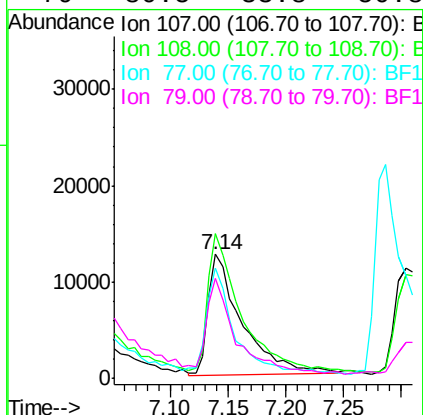
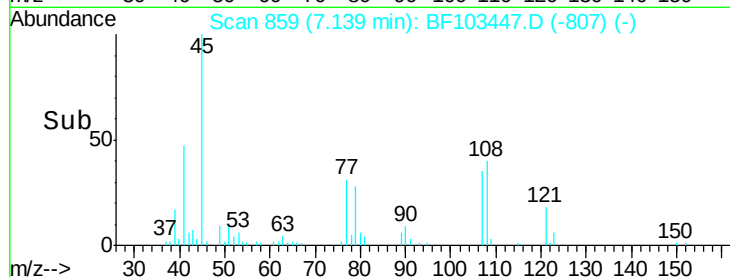
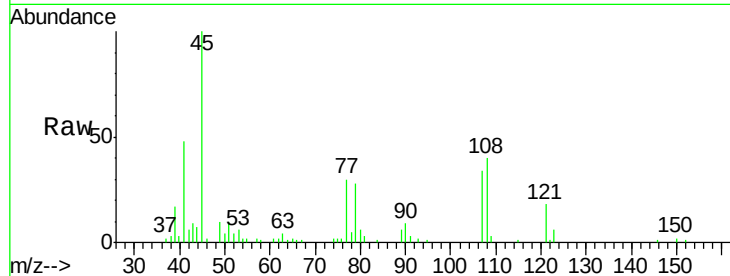
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:	107	Resp:	25390
Ion Ratio	Lower	Upper	
107	100		
108	116.7	91.7	137.5
77	88.5	33.8	50.8#
79	80.5	33.8	50.8#

Manual Integrations
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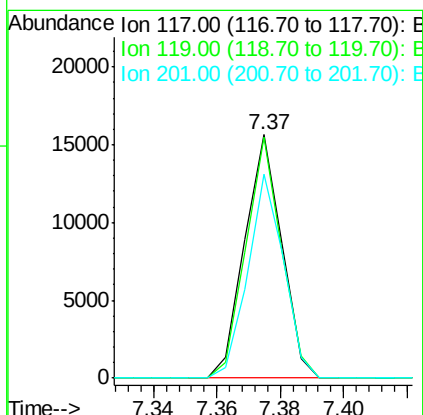
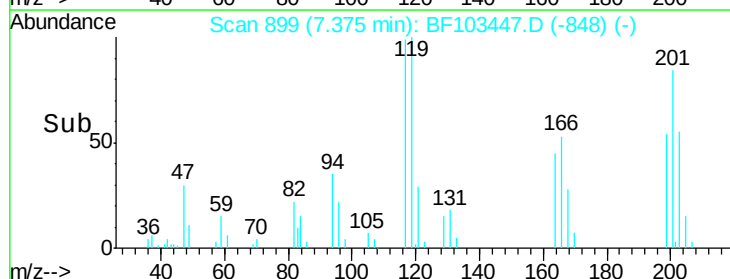
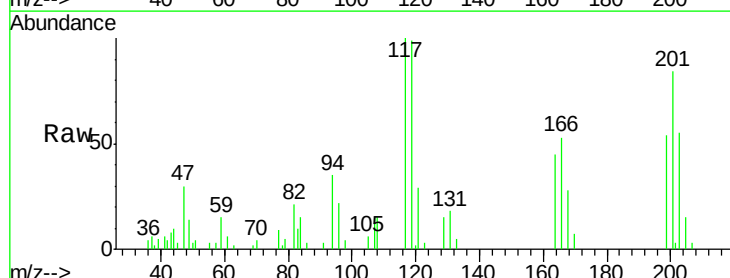
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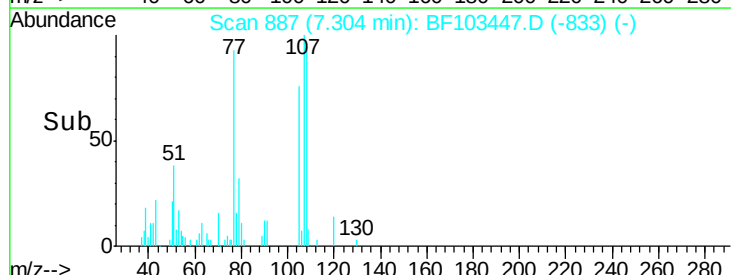
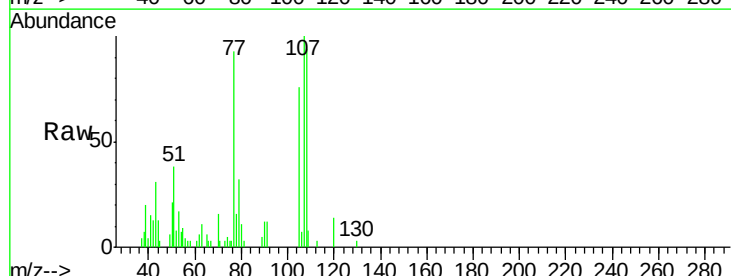
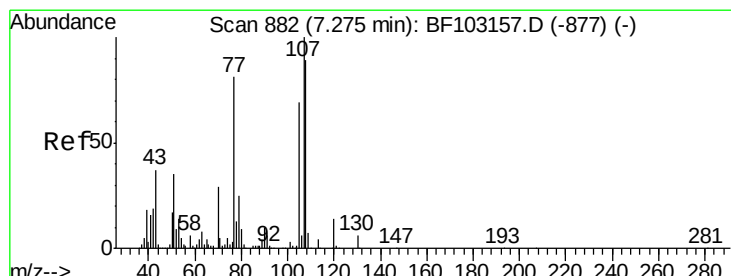
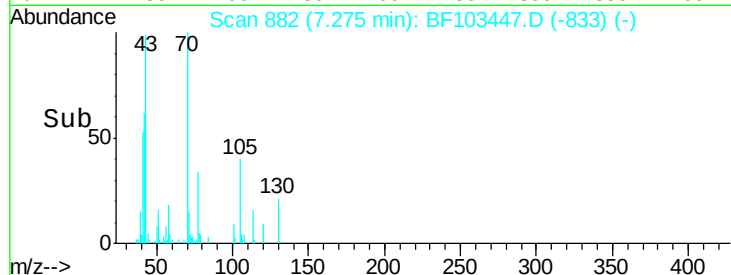
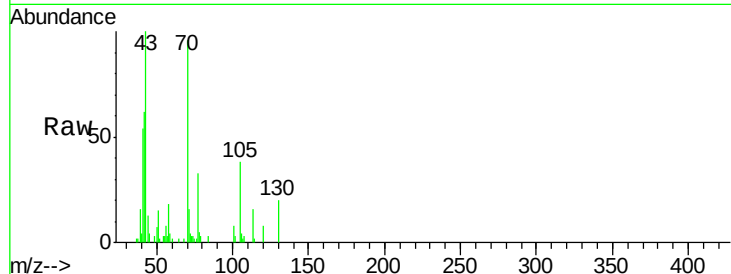
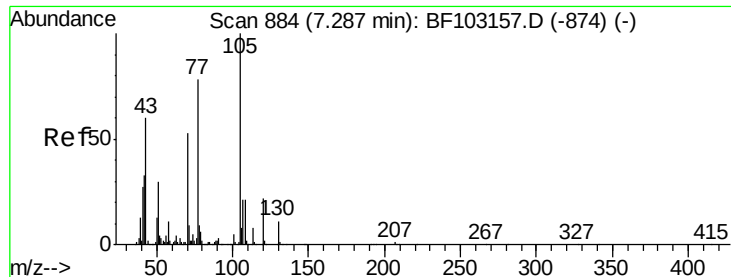
3/7/2018 12:14:40 PM



#18
Hexachloroethane
Concen: 4.499 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

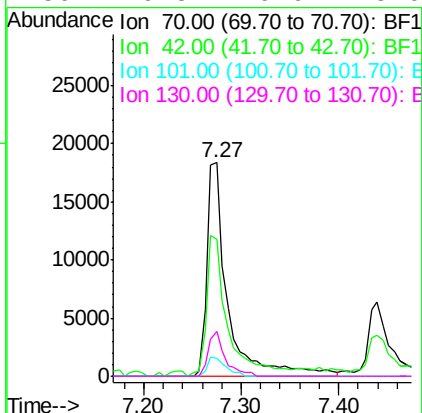
Tgt Ion:	117	Resp:	12594
Ion Ratio	Lower	Upper	
117	100		
119	99.3	75.8	113.8
201	86.3	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 5.506 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tot Ion	70	Resp	27090
Ion	Ratio	Lower	Upper
70	100		
42	64.1	47.5	71.3
101	8.6	7.4	11.2
130	20.8	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
PB106993BS

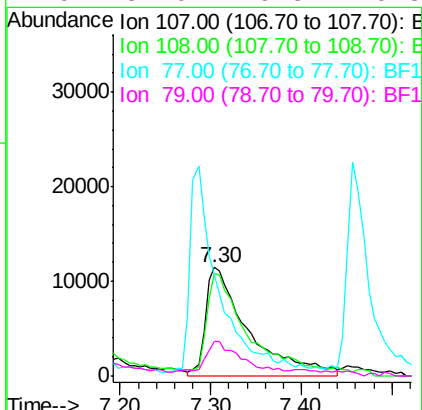
Manual Integrations
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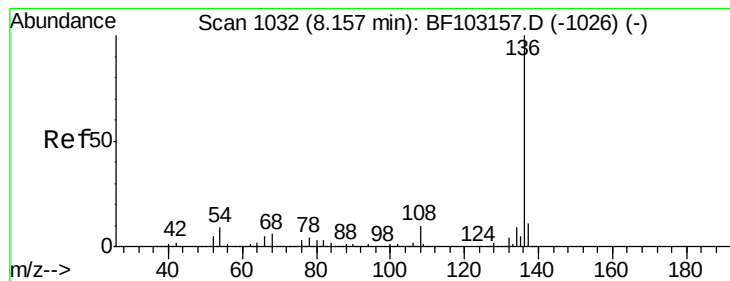
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3/7/2018 12:14:40 PM

#20
3+4-Methylphenols
Concen: 5.060 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	107	Resp	37622
Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.2	108.2
77	92.6	26.7	66.7#
79	32.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

Tot Ion:136 Resp: 427898

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

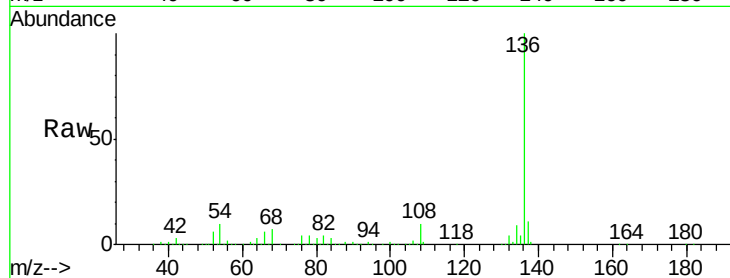
68 7.0 5.0 7.4

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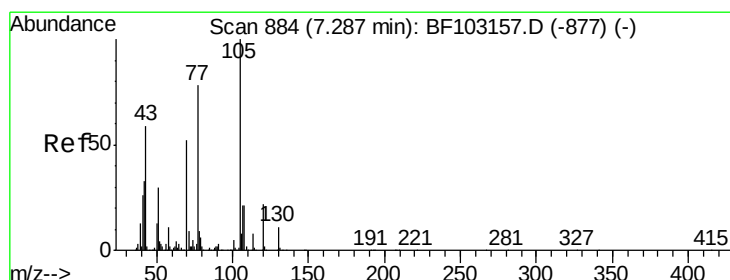
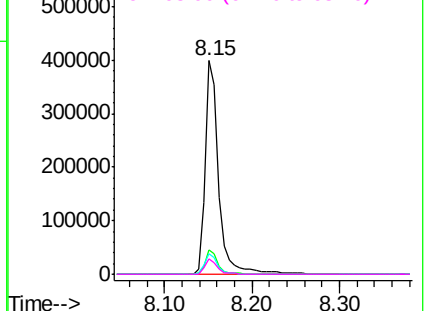
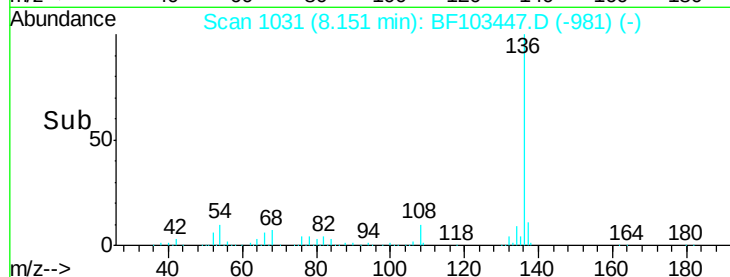
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 4.942 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:105 Resp: 49362

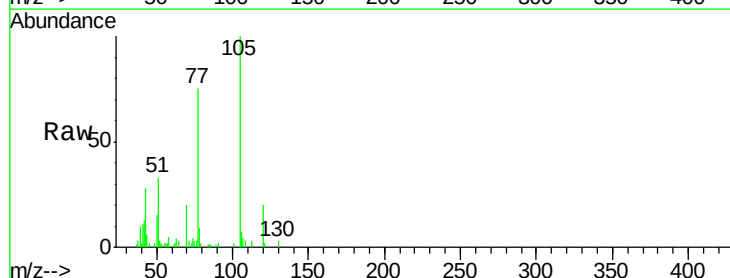
Ion Ratio Lower Upper

105 100

71 3.2 4.4 6.6#

51 32.7 22.3 33.5

120 19.9 16.9 25.3



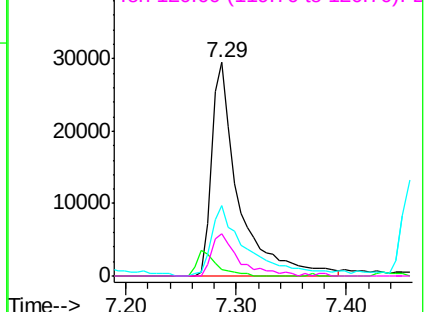
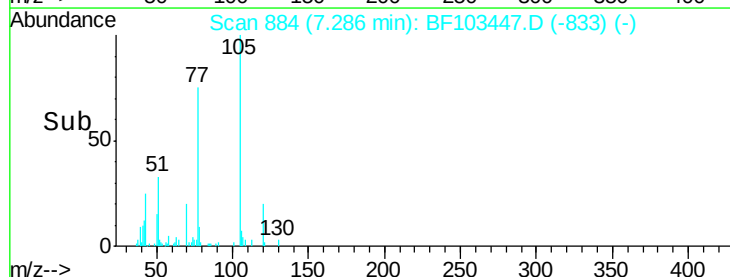
Abundance

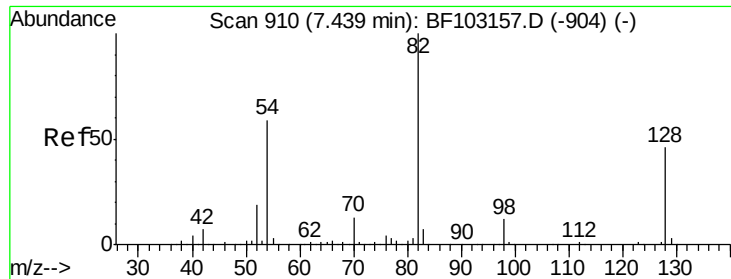
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23
Nitrobenzene-d5
Concen: 9.563 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

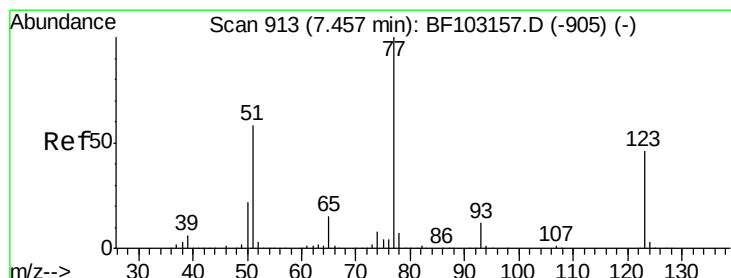
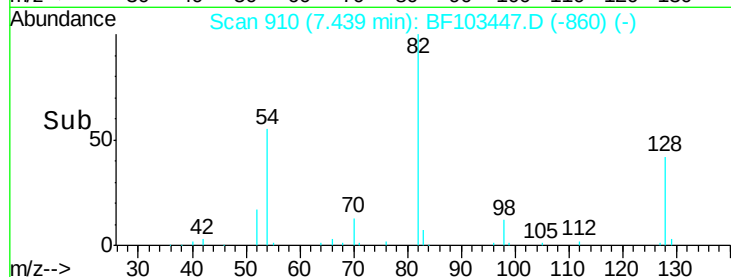
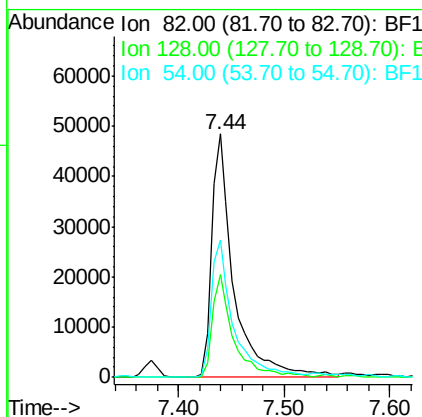
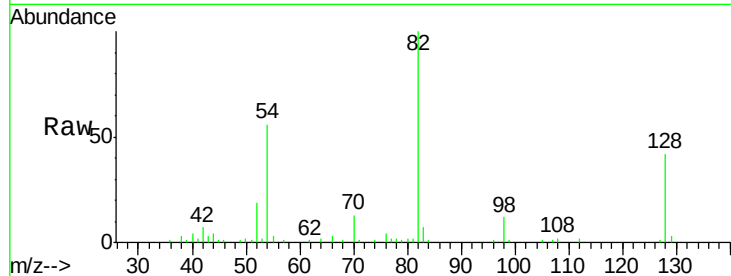
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	56.4	41.4	62.2

Manual Integrations
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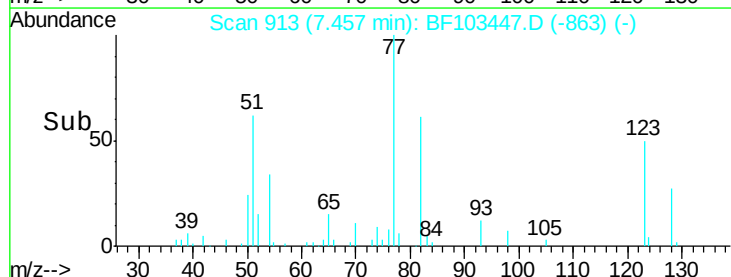
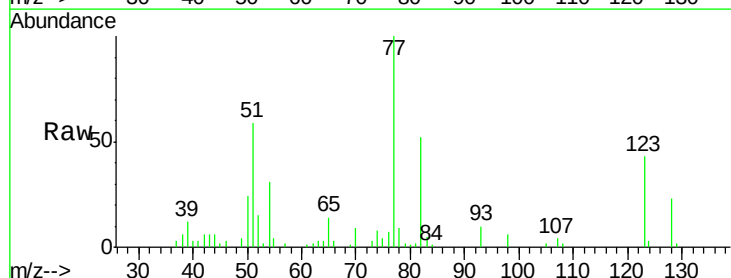
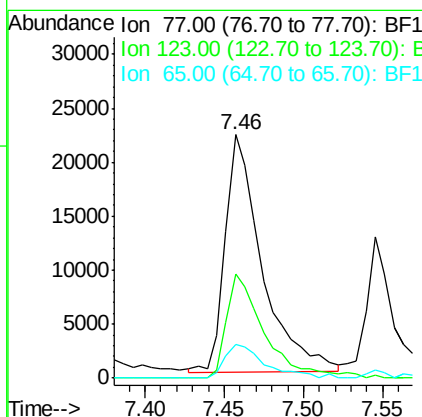
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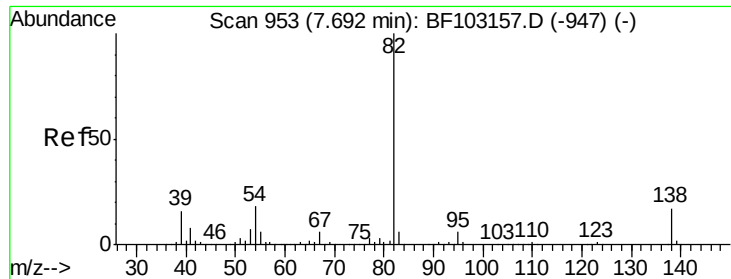
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#24
Nitrobenzene
Concen: 4.304 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 4.855 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

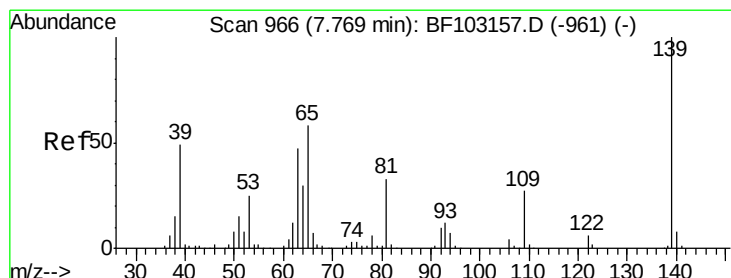
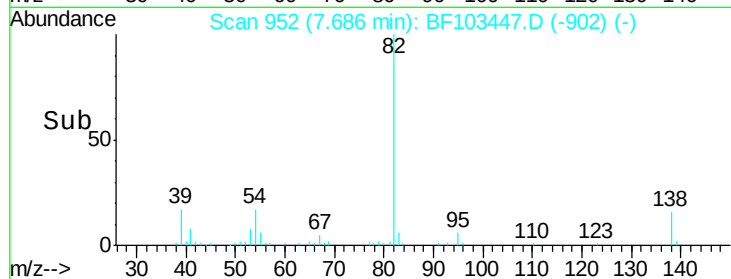
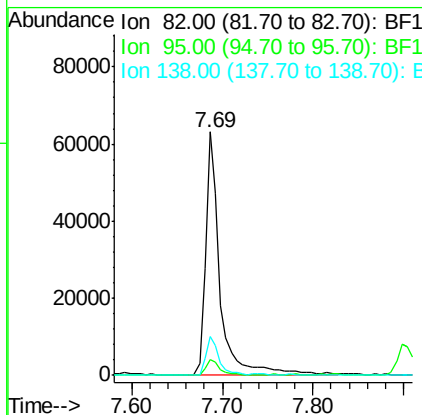
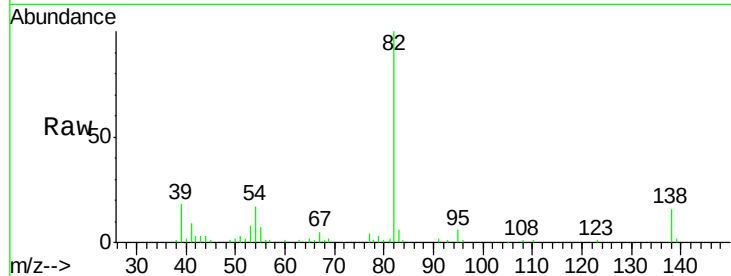
Tot Ion:	82	Resp:	71644
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	15.7	14.9	22.3

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 4.160 ng

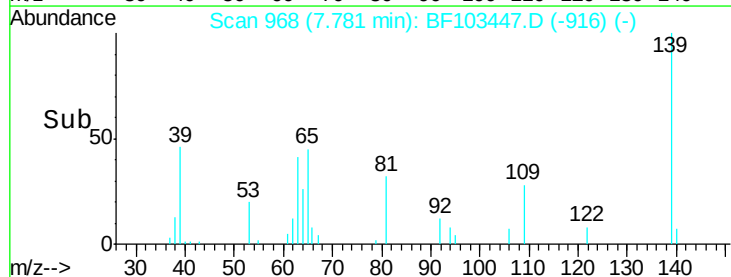
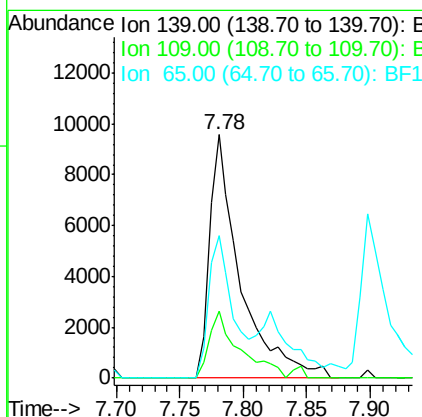
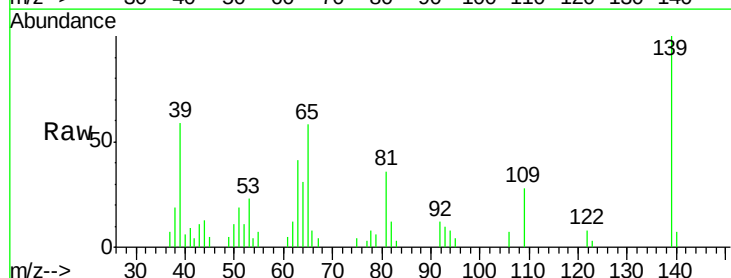
RT: 7.78 min Scan# 968

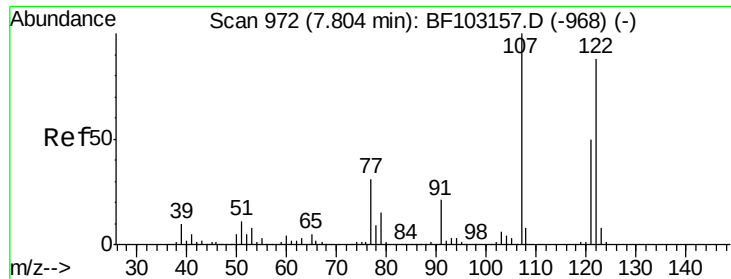
Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	139	Resp:	16155
Ion	Ratio	Lower	Upper
139	100		
109	27.6	22.7	34.1
65	58.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 4.991 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

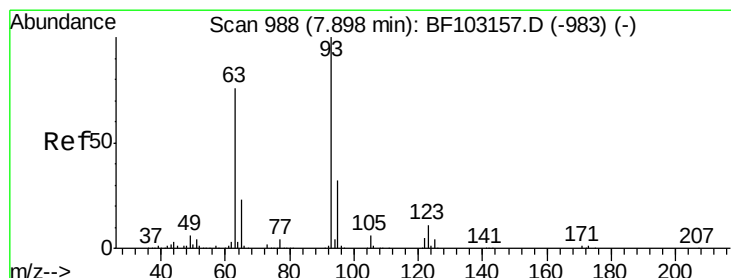
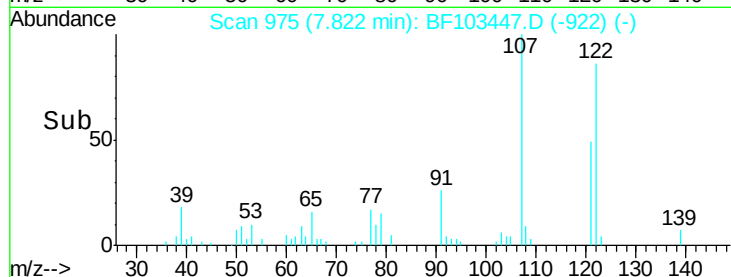
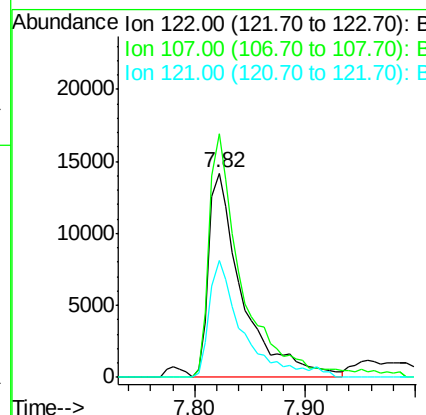
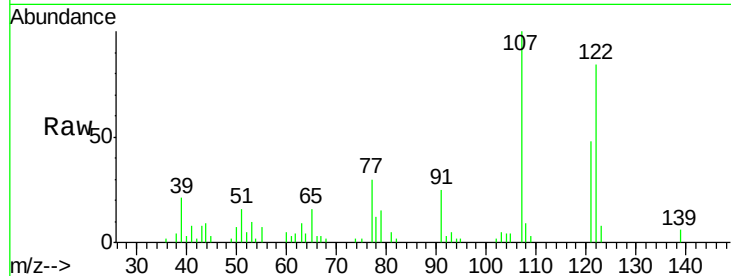
Tot Ion:	122	Resp:	29630
Ion Ratio	Lower	Upper	
122	100		
107	119.2	91.2	136.8
121	57.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 4.985 ng

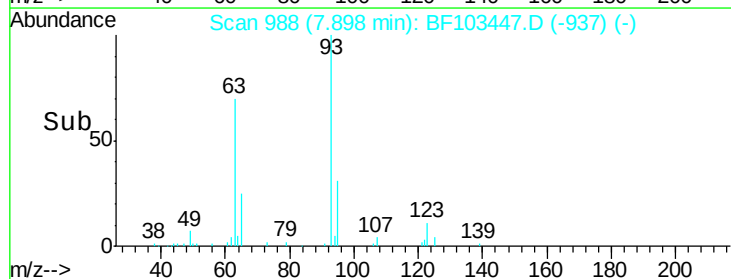
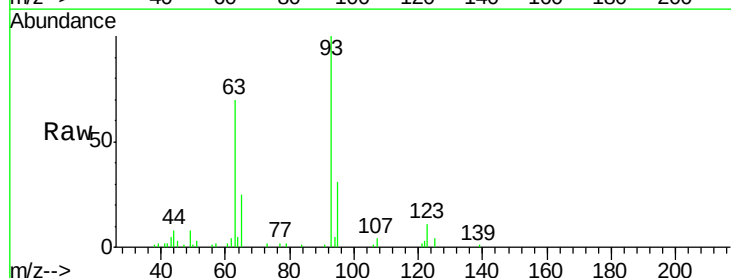
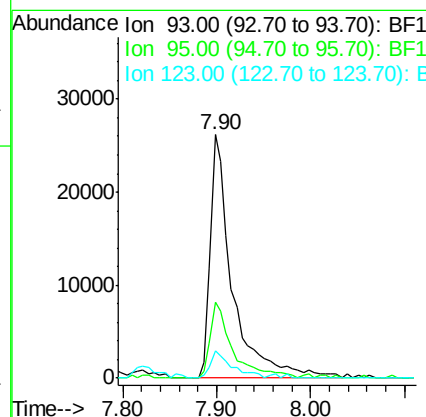
RT: 7.90 min Scan# 988

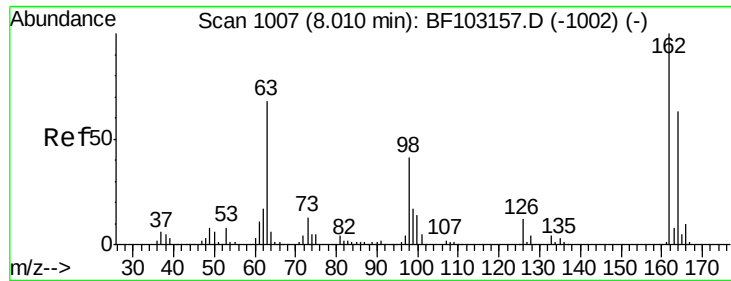
Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	93	Resp:	43250
Ion Ratio	Lower	Upper	
93	100		
95	31.0	26.3	39.5
123	11.0	9.8	14.6





#29
 2,4-Dichlorophenol
 Concen: 4.562 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.03 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

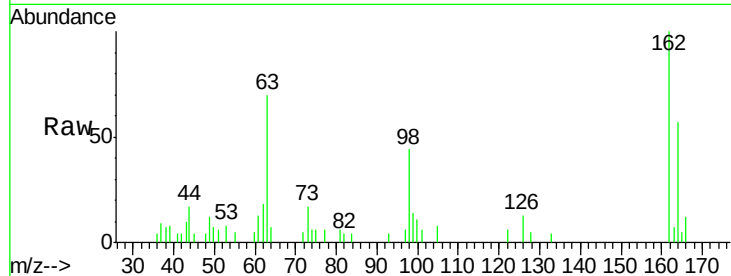
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion:	162	Resp:	25929
Ion Ratio	Lower	Upper	
162	100		
164	57.3	42.7	82.7
98	44.2	18.1	58.1

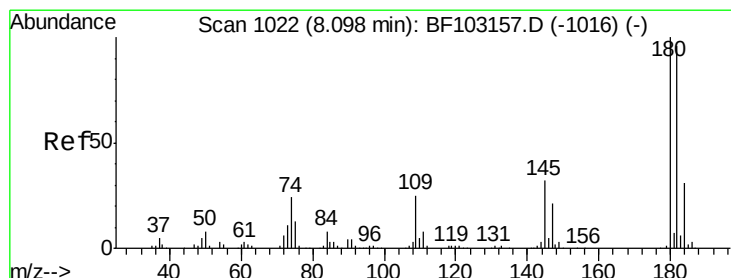
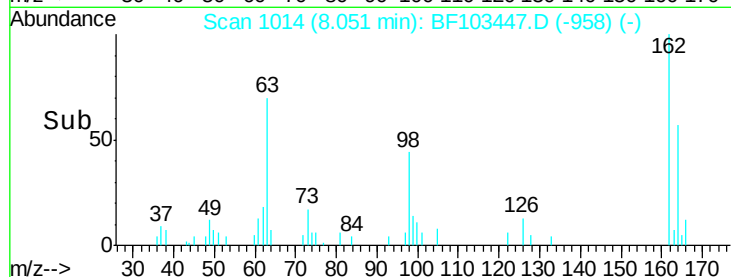
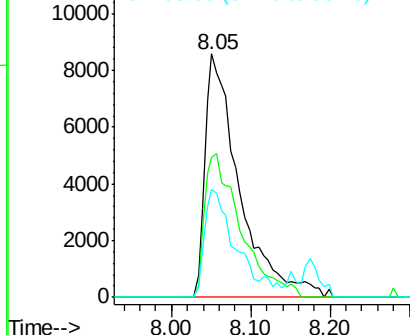
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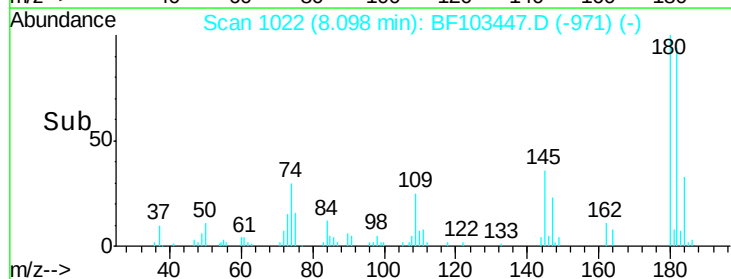
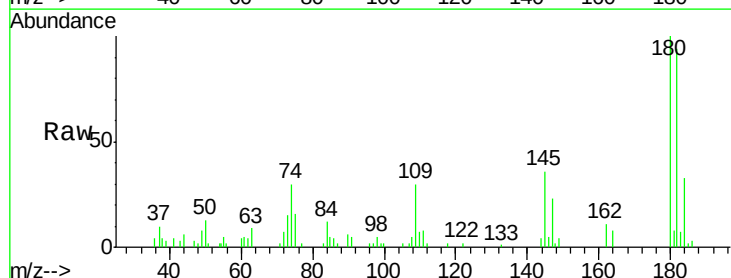
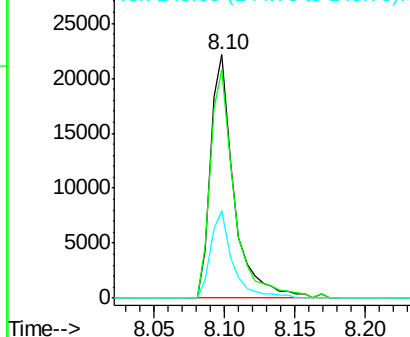
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

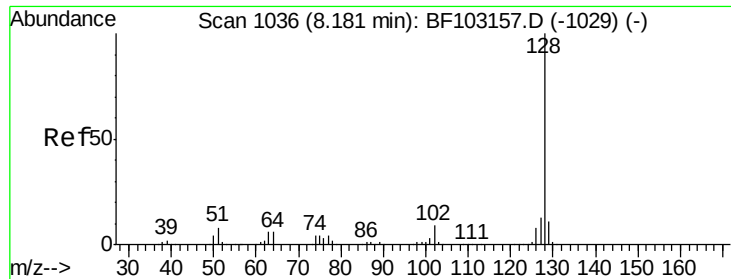


#30
 1,2,4-Trichlorobenzene
 Concen: 4.221 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:	180	Resp:	25544
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.8	115.2
145	36.1	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31
Naphthalene
Concen: 4.645 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

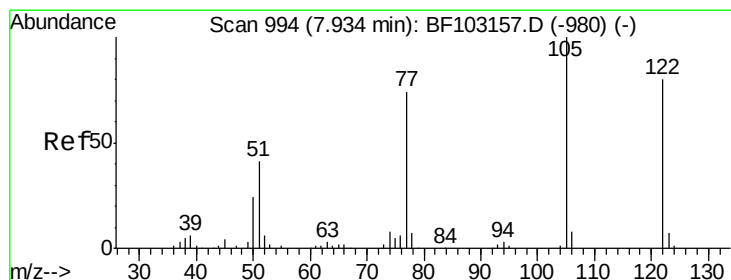
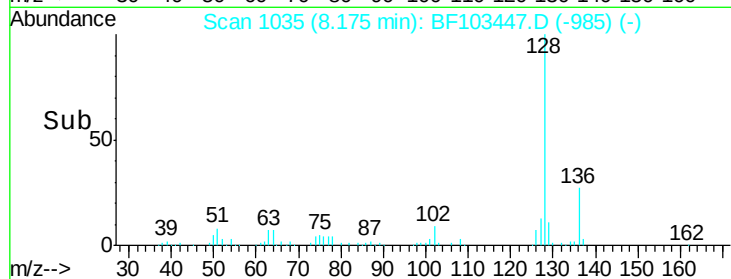
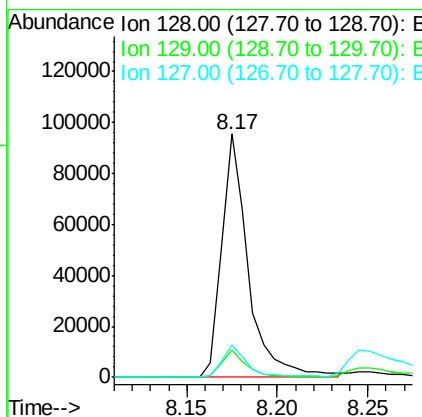
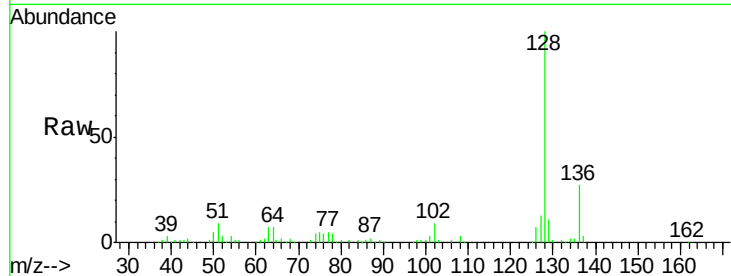
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.3	10.9	16.3

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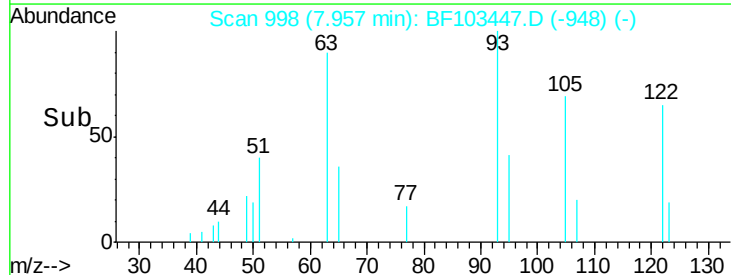
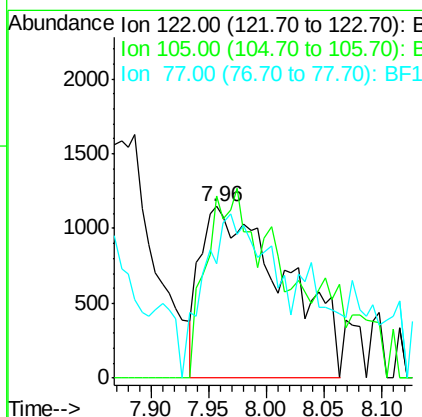
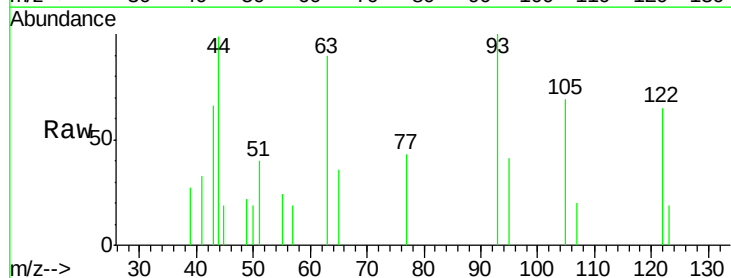
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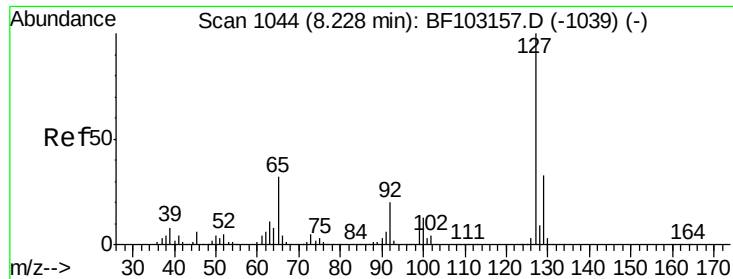
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#32
Benzoic acid
Concen: 8.046 ng m
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.0	101.1	141.1
77	66.9	70.7	110.7#





#33
4-Chloroaniline
Concen: 2.965 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

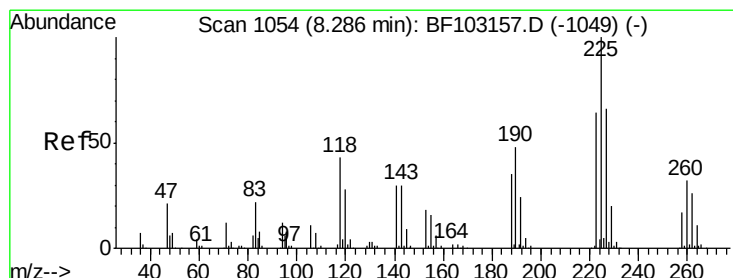
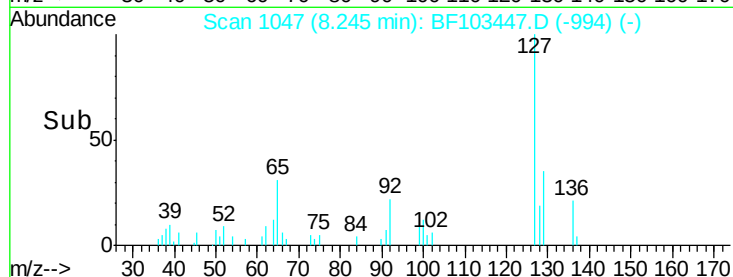
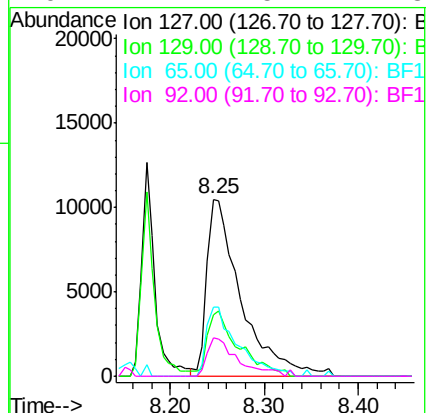
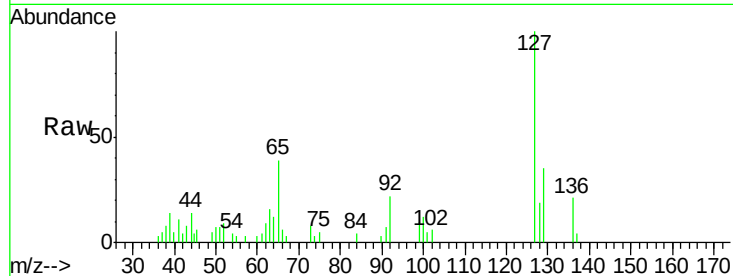
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.5	25.9	38.9	
65	39.4	25.0	37.4	
92	21.7	15.2	22.8	

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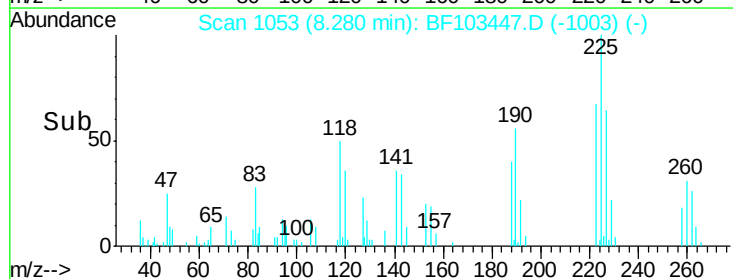
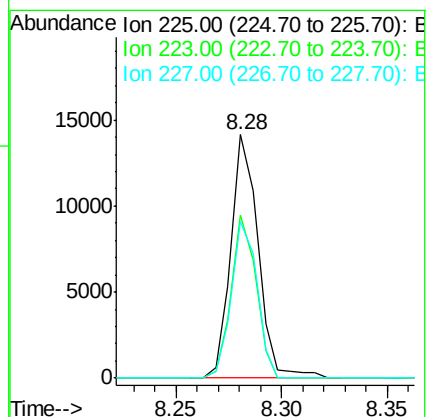
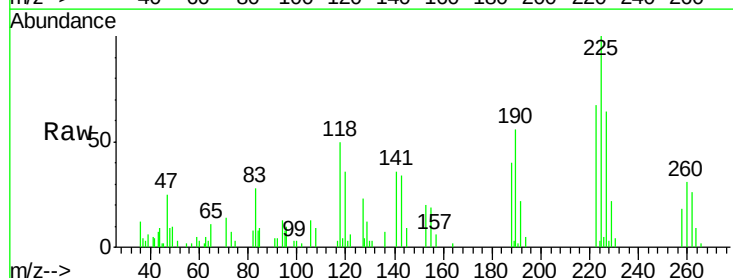
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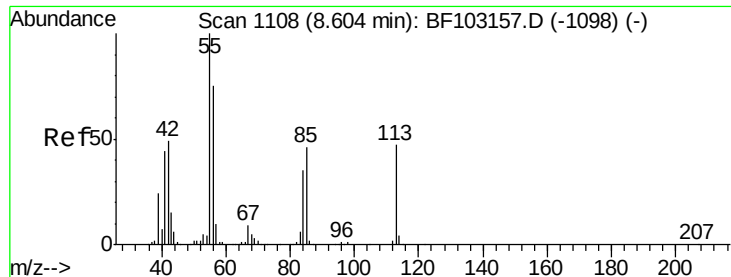
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#34
Hexachlorobutadiene
Concen: 3.980 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	64.4	51.9	77.9	





#35

Caprolactam

Concen: 4.310 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampled :

PB106993BS

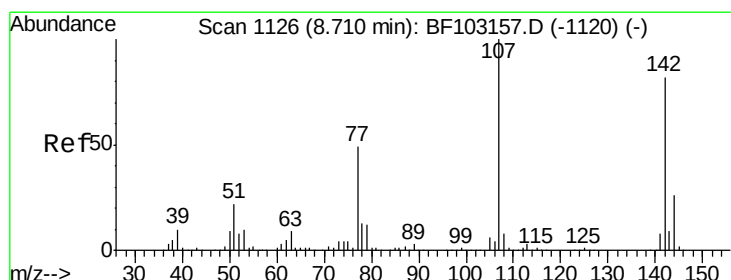
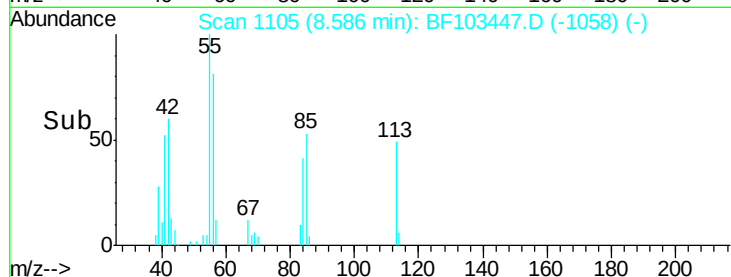
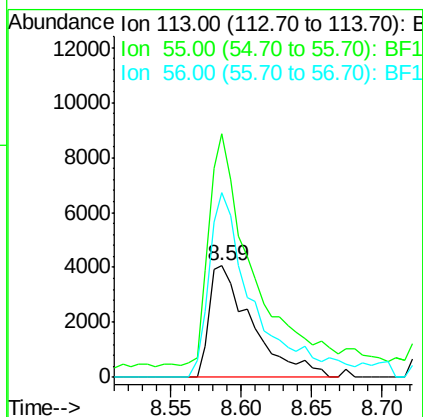
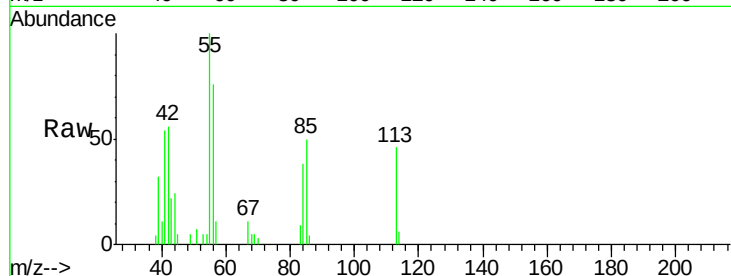
Tot Ion:	113	Resp:	8608
Ion Ratio	Lower	Upper	
113	100		
55	218.5	163.3	203.3#
56	165.5	115.7	155.7#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 4.732 ng

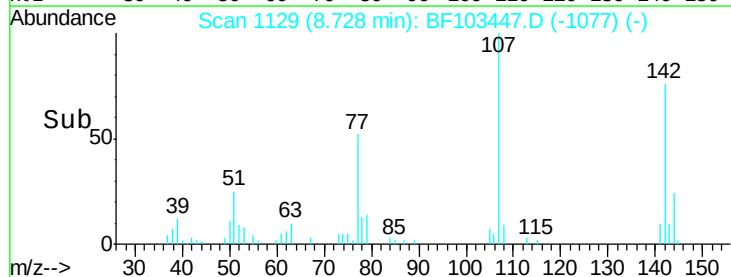
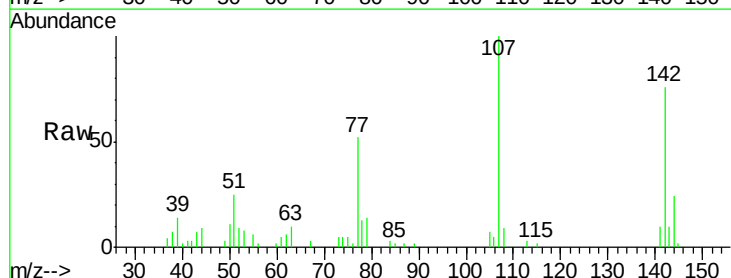
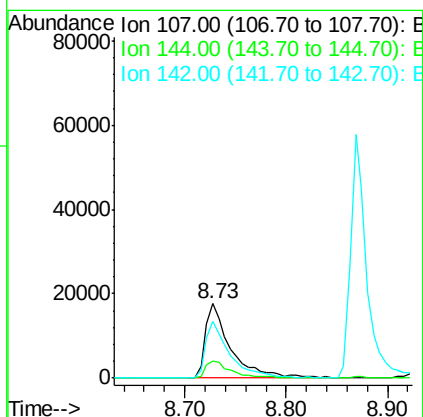
RT: 8.73 min Scan# 1129

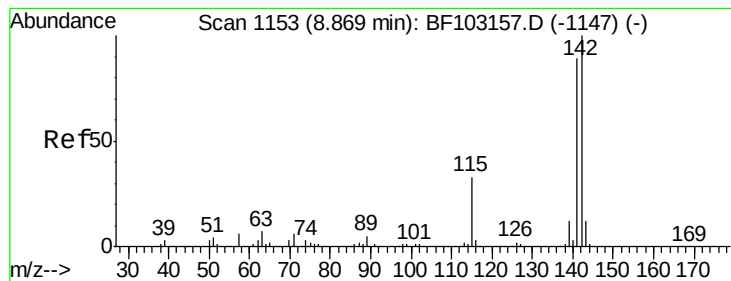
Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	107	Resp:	30332
Ion Ratio	Lower	Upper	
107	100		
144	23.5	20.5	30.7
142	76.1	62.0	93.0





#37
 2-Methylnaphthalene
 Concen: 4.738 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

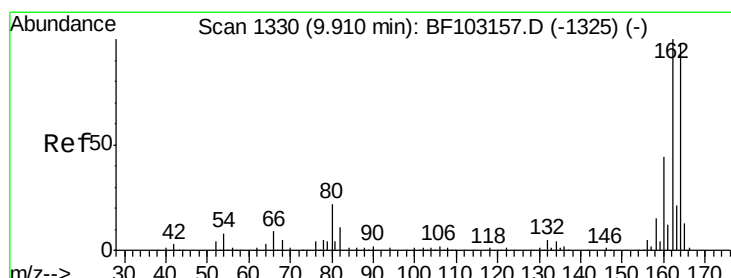
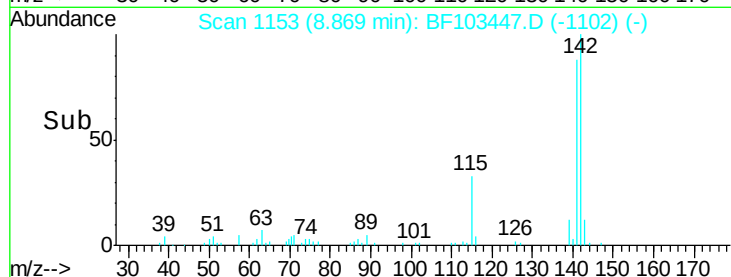
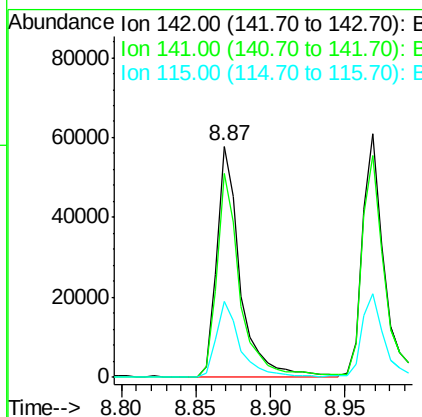
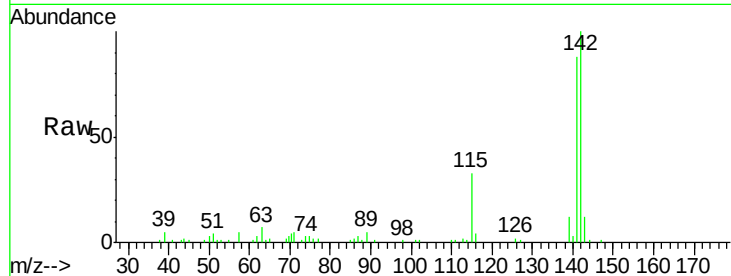
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	32.9	26.1	39.1

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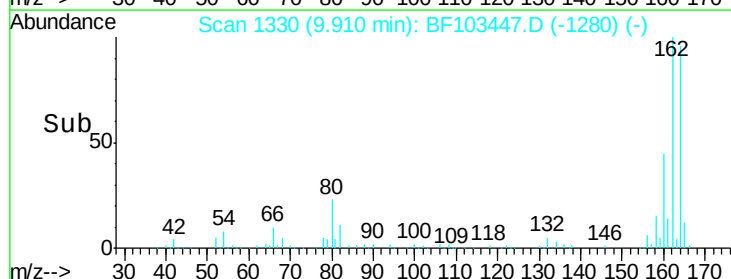
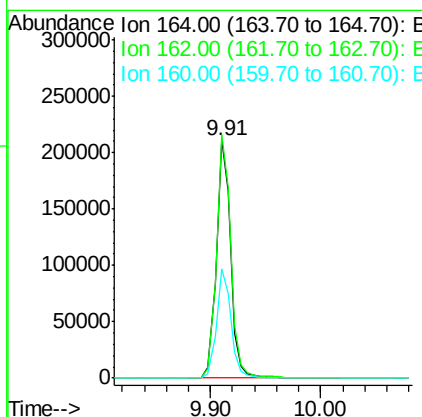
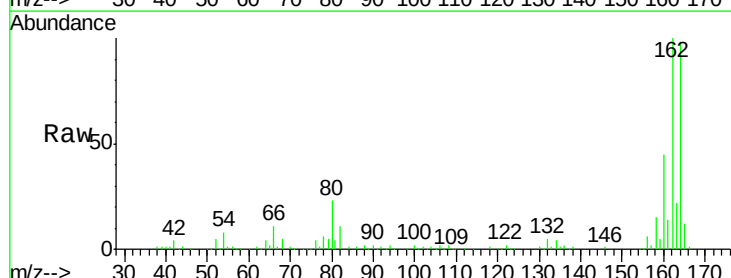
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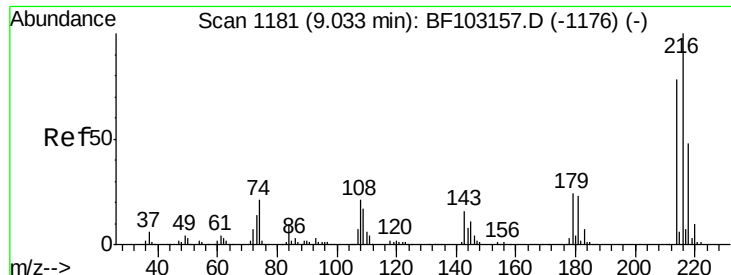
3/7/2018 12:14:40 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.0	38.3	57.5





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.475 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

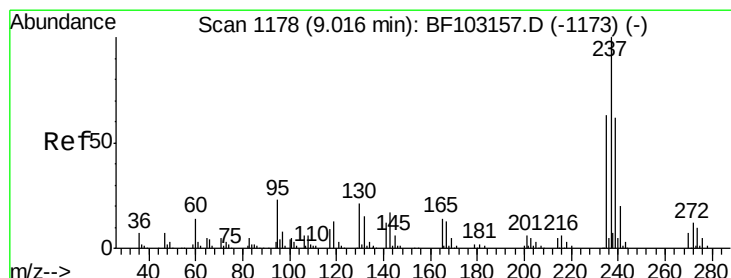
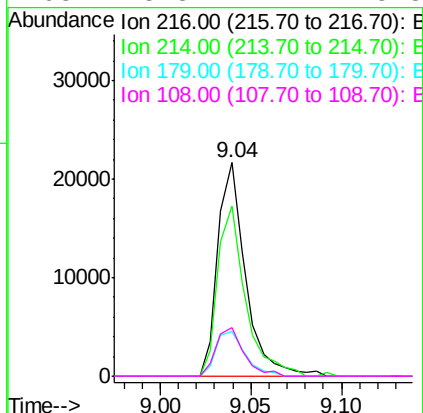
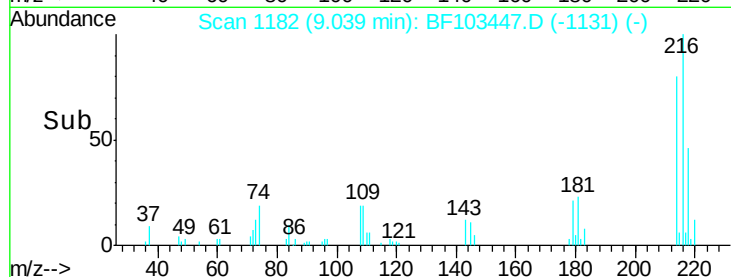
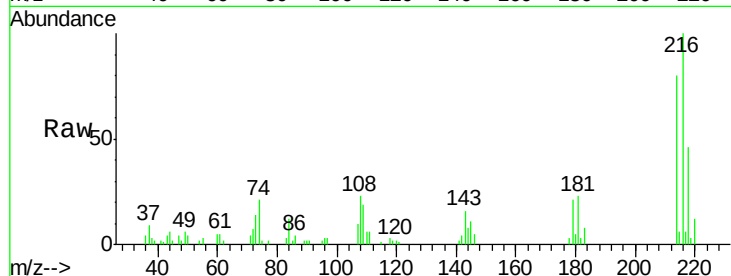
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.2	18.1	27.1
108	23.3	17.2	25.8

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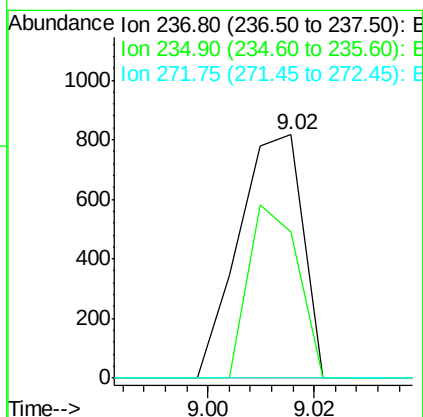
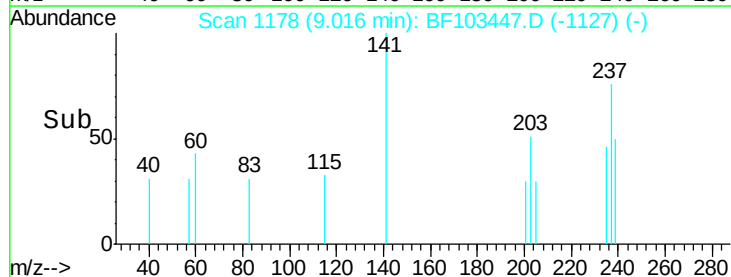
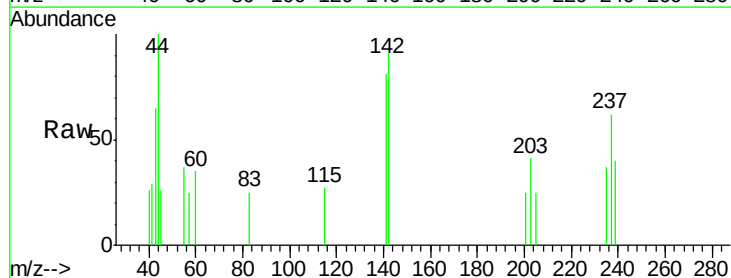
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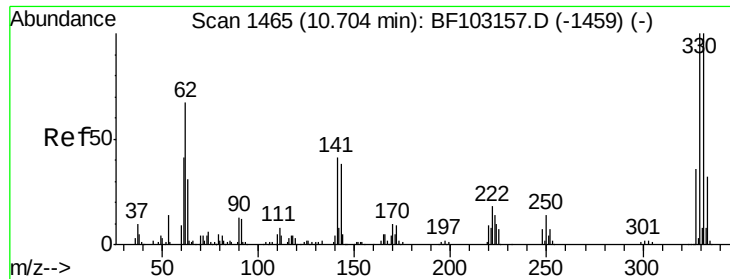
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#40
 Hexachlorocyclopentadiene
 Concen: 9.216 ng m
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	0.0	0.0	33.3





#41
 2,4,6-Tribromophenol
 Concen: 11.734 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

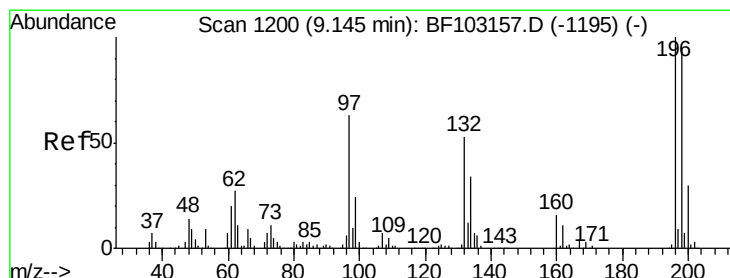
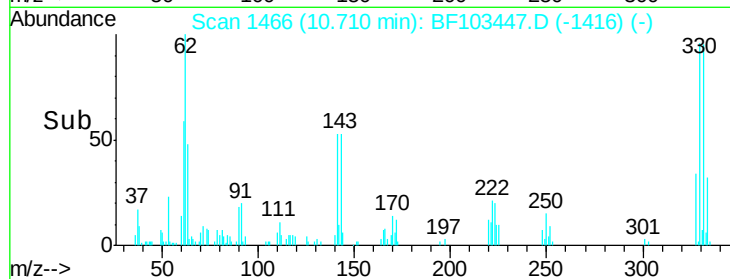
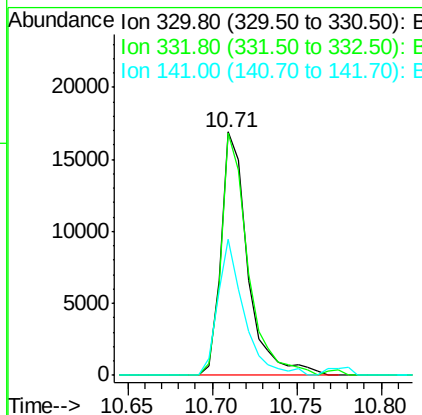
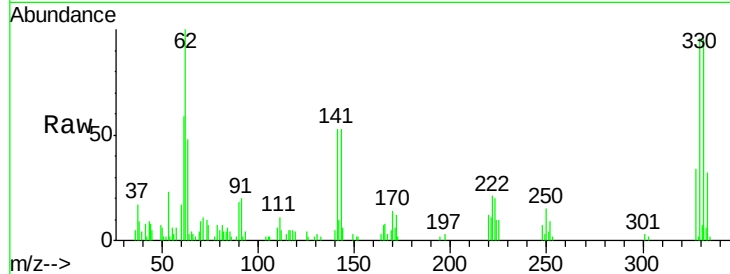
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	54.4	29.9	44.9

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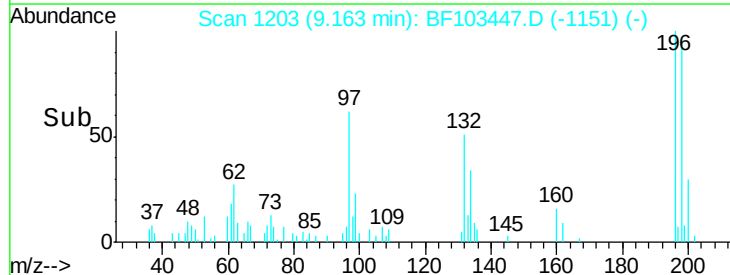
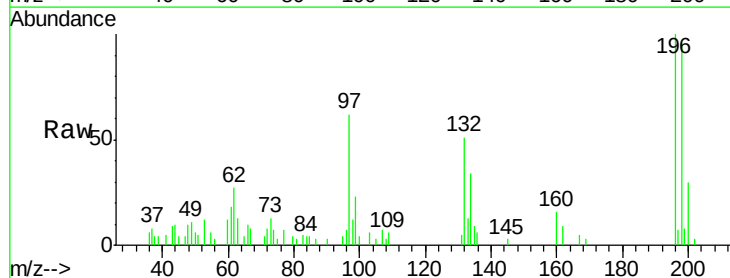
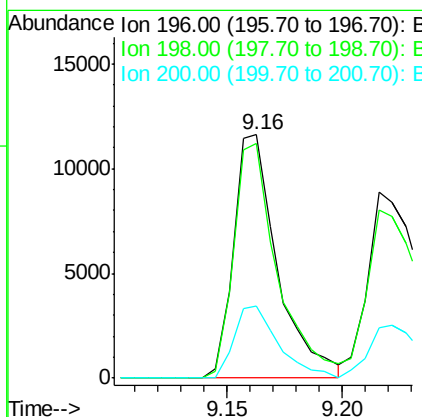
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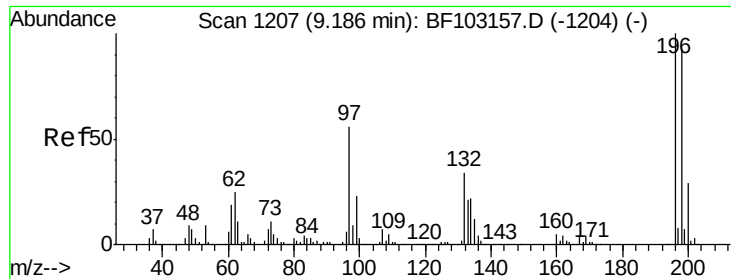
3/7/2018 12:14:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 4.435 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	29.7	24.5	36.7





#43
 2,4,5-Trichlorophenol
 Concen: 4.370 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

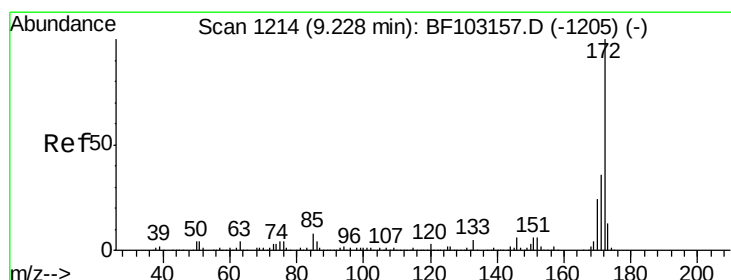
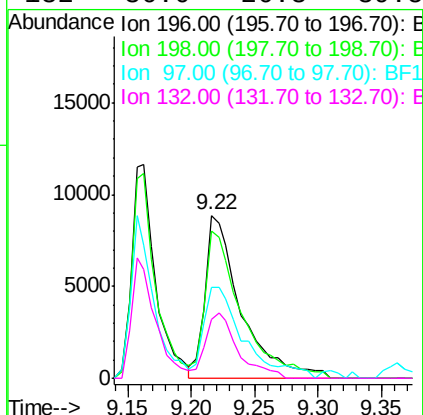
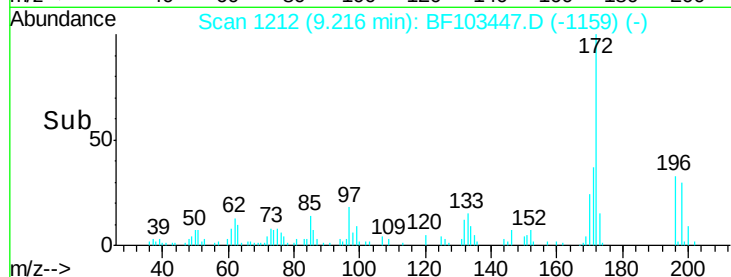
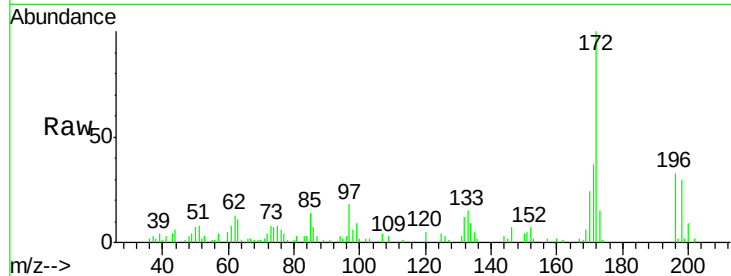
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion:	196	Resp:	17492
Ion Ratio	Lower	Upper	
196	100		
198	90.4	74.6	112.0
97	56.0	42.9	64.3
132	36.0	26.3	39.5

Manual Integrations
 APPROVED

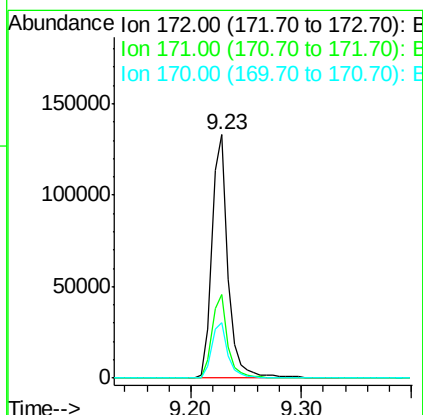
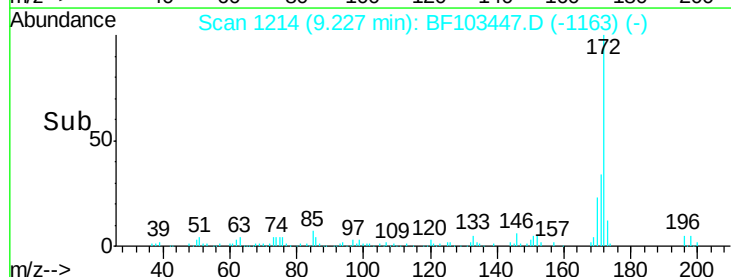
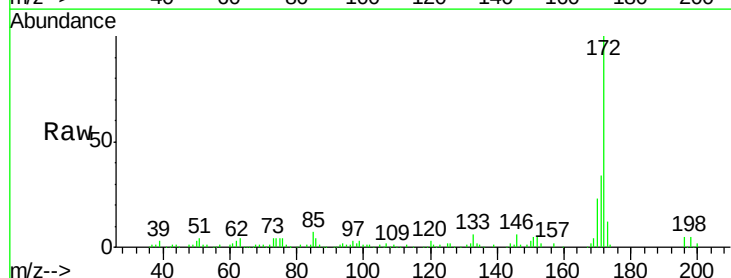
Sohil
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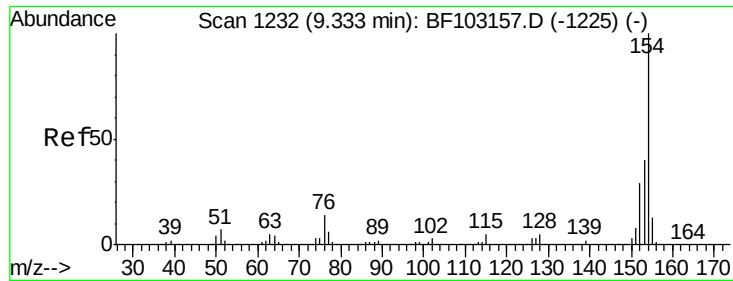
3/7/2018 12:14:40 PM



#44
 2-Fluorobiphenyl
 Concen: 7.679 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:	172	Resp:	131475
Ion Ratio	Lower	Upper	
172	100		
171	34.4	29.7	44.5
170	23.0	19.6	29.4





#45
 1,1'-Biphenyl
 Concen: 4.842 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

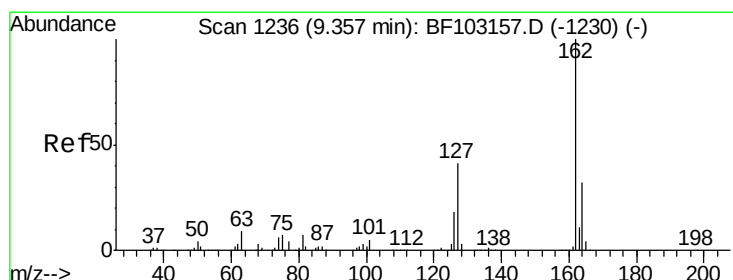
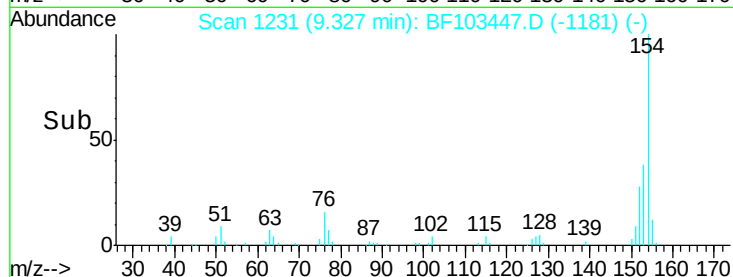
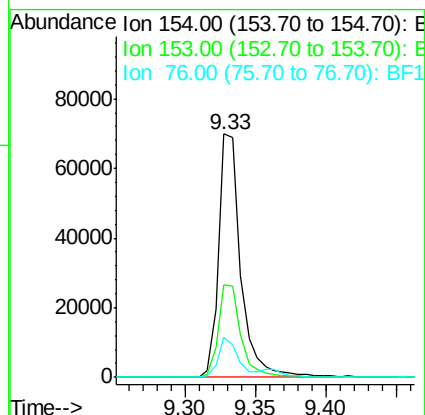
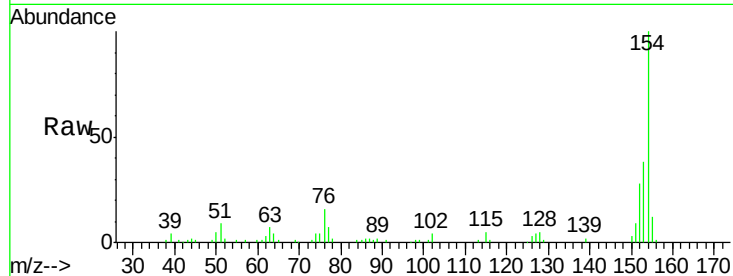
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.0	21.3	61.3
76	16.3	0.0	34.0

Manual Integrations
 APPROVED

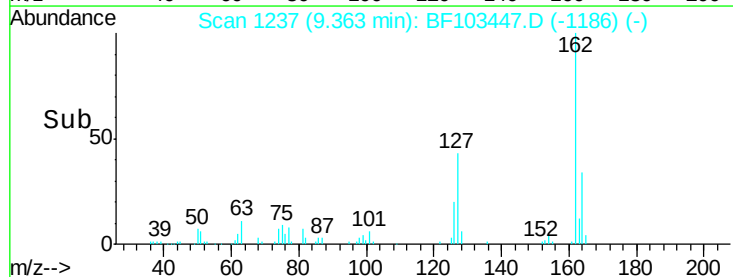
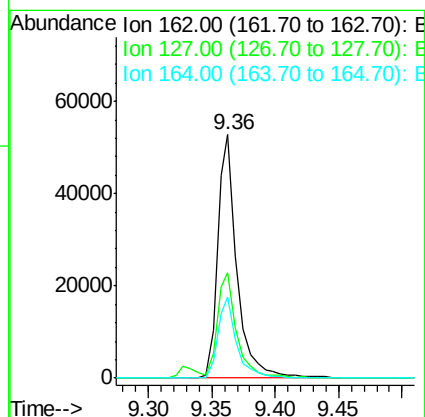
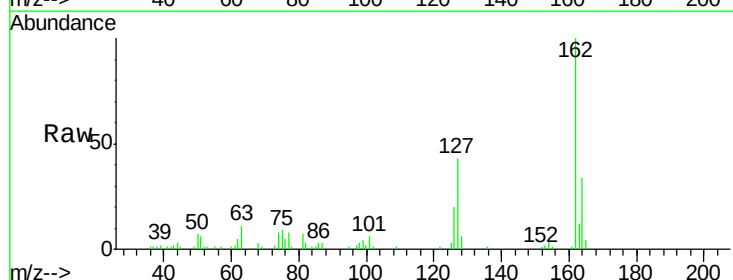
Sohil
 3/7/2018 12:14:40 PM

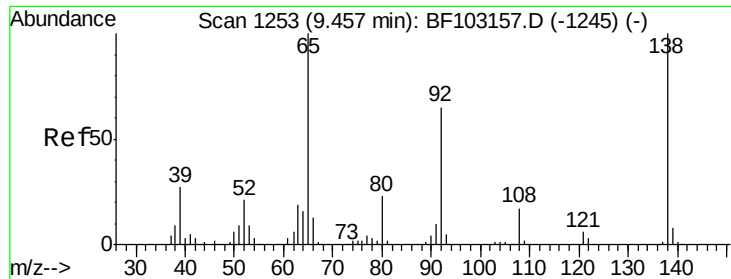
3/7/2018 12:14:40 PM



#46
 2-Chloronaphthalene
 Concen: 4.505 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.9	50.9
164	33.5	26.5	39.7





#47
2-Nitroaniline
Concen: 4.503 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

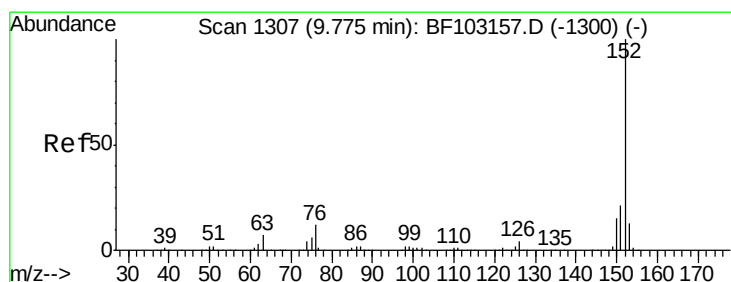
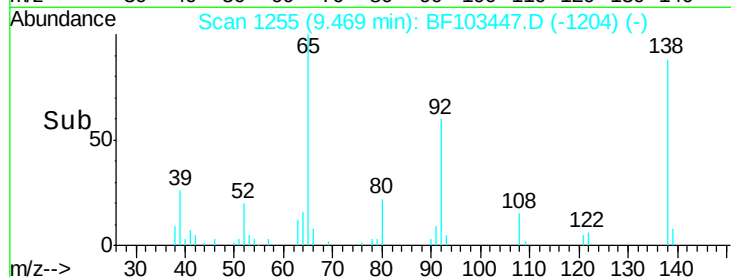
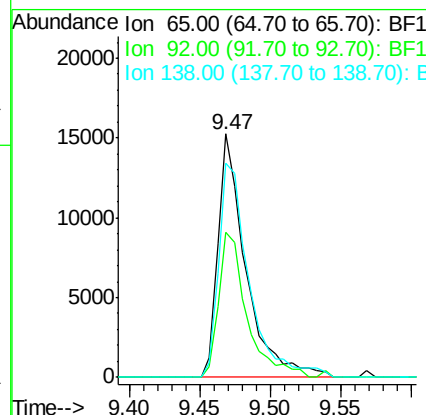
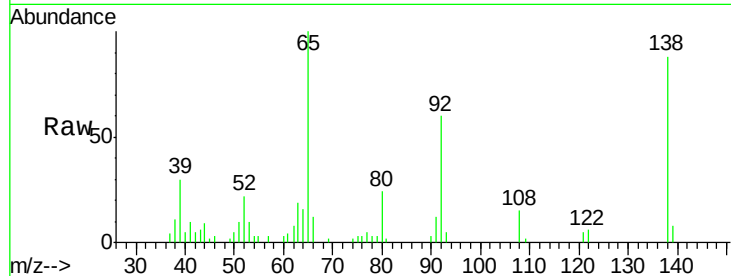
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.8	55.8	83.6
138	87.7	91.2	136.8

Manual Integrations
APPROVED

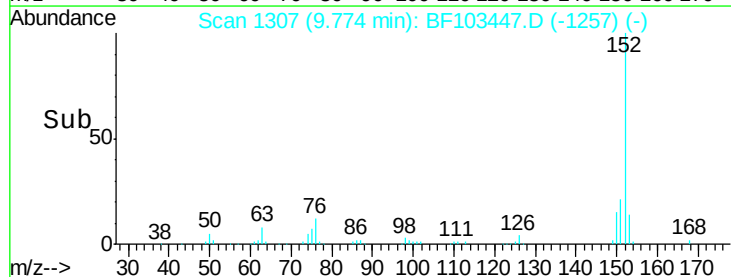
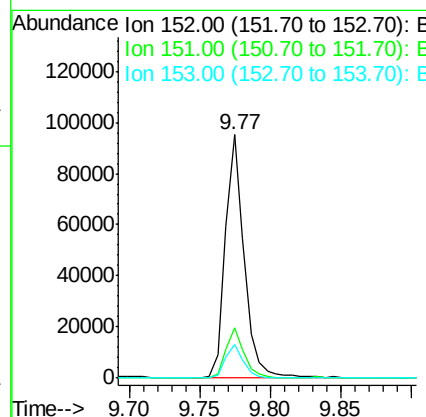
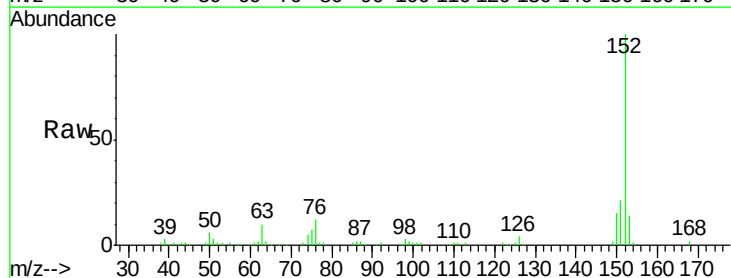
Sohil
3/7/2018 12:14:40 PM

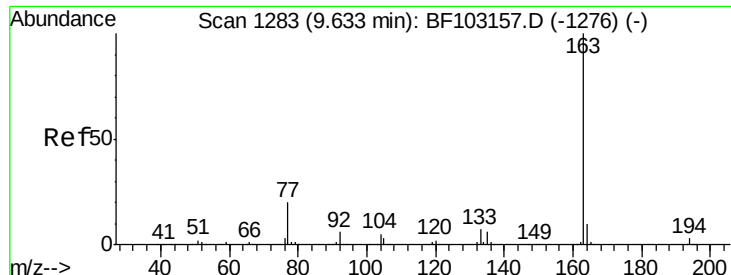
3/7/2018 12:14:40 PM



#48
Acenaphthylene
Concen: 4.625 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.0	10.7	16.1





#49
Dimethylphthalate
Concen: 4.347 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

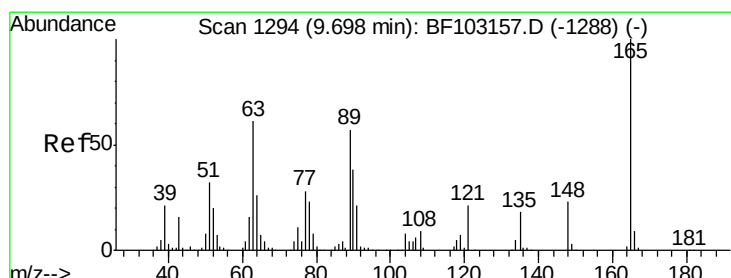
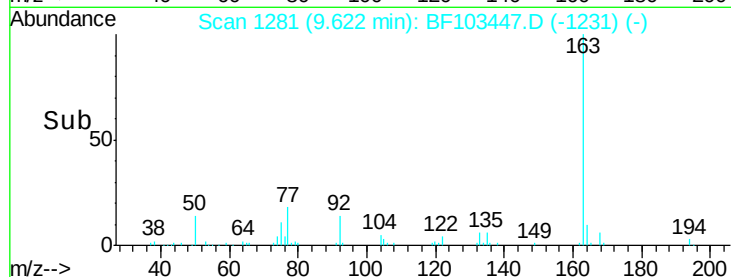
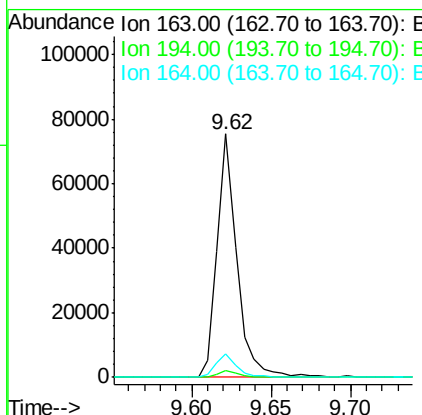
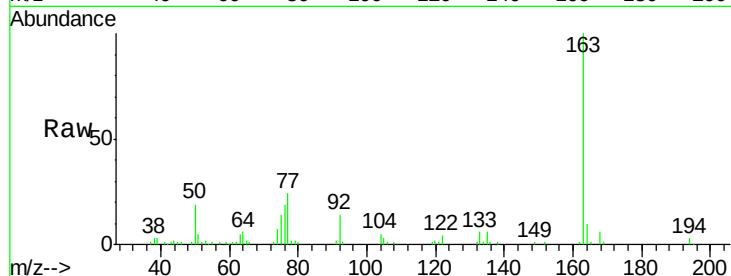
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	9.7	8.2	12.2

Manual Integrations
APPROVED

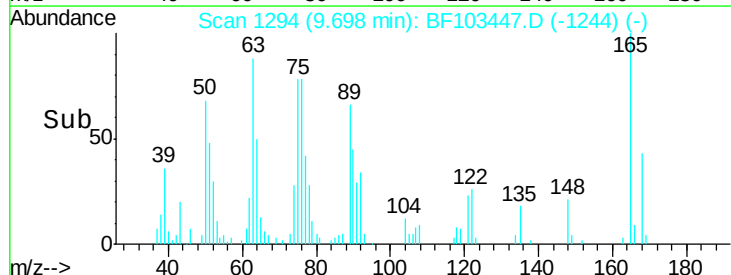
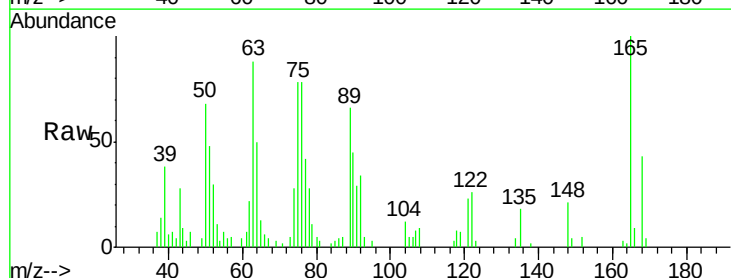
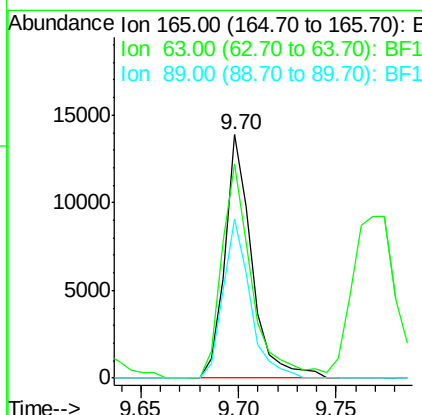
Sohil
3/7/2018 12:14:40 PM

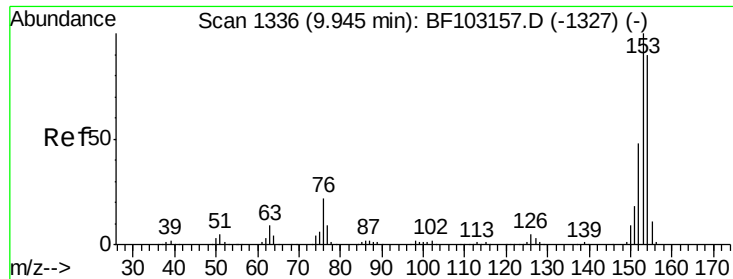
3/7/2018 12:14:40 PM



#50
2,6-Dinitrotoluene
Concen: 4.172 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	88.2	44.7	67.1#
89	65.6	44.0	66.0





#51

Acenaphthene

Concen: 4.562 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

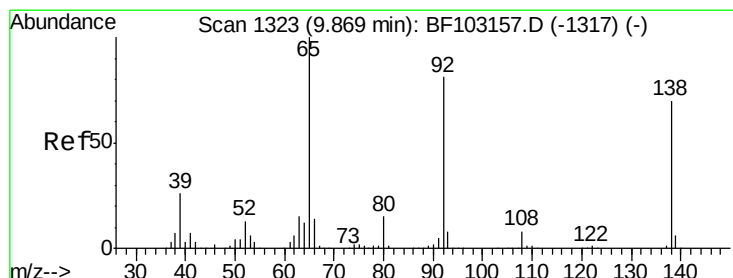
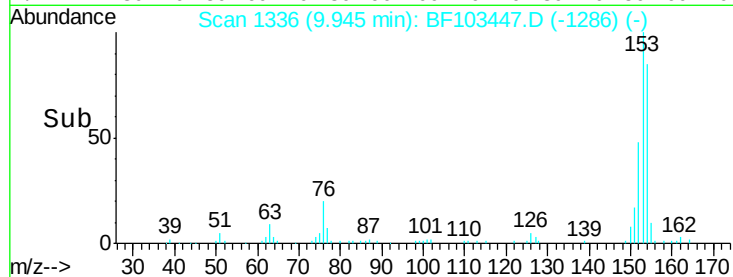
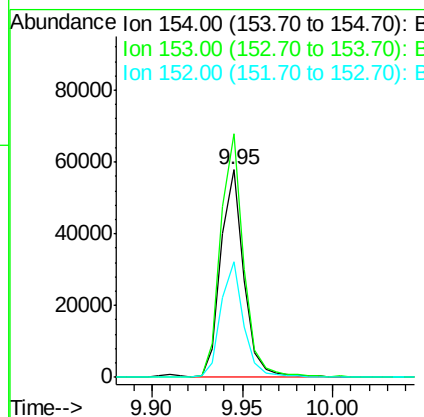
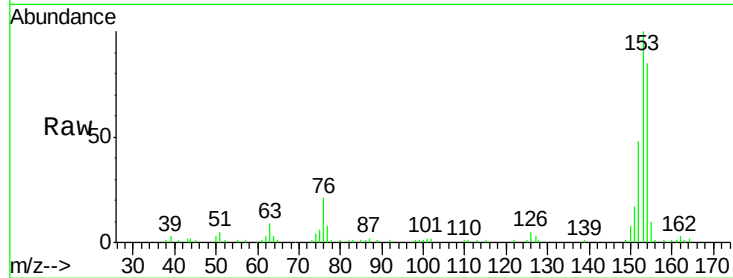
Tot Ion:	154	Resp:	51328
Ion	Ratio	Lower	Upper
154	100		
153	117.2	91.2	136.8
152	55.8	43.8	65.8

Manual Integrations
APPROVED

Sohil

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3/7/2018 12:14:40 PM



#52

3-Nitroaniline

Concen: 3.276 ng

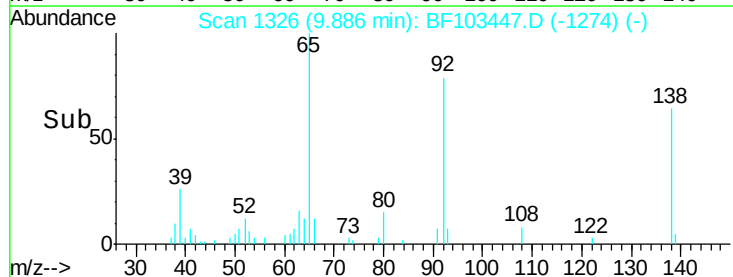
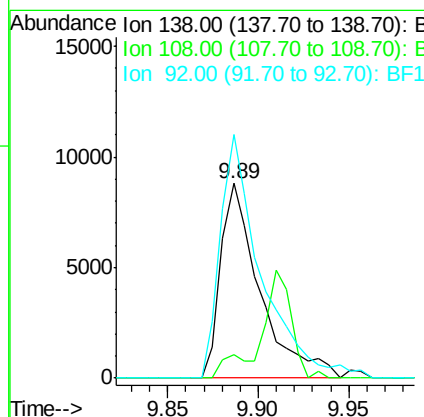
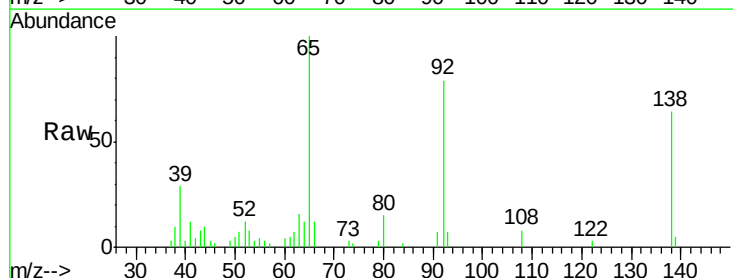
RT: 9.89 min Scan# 1326

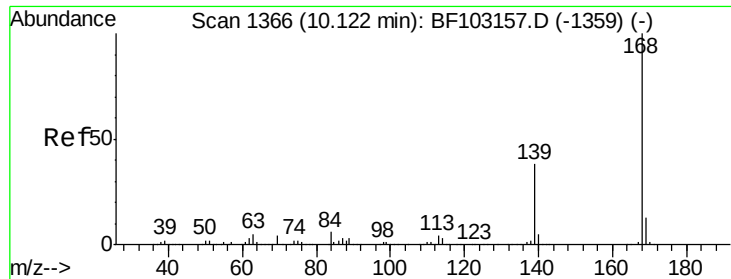
Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	138	Resp:	13236
Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.4	14.0
92	125.0	89.4	134.2





#54
Dibenzenofuran
Concen: 5.528 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

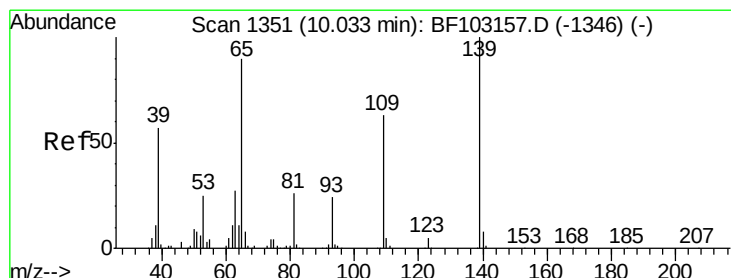
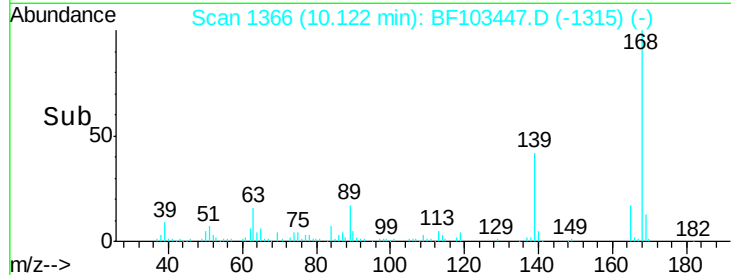
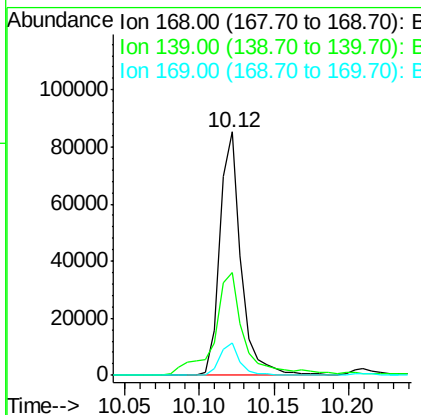
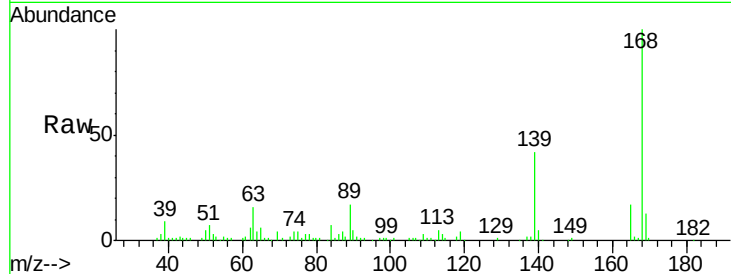
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	30.1	45.1
169	13.4	10.9	16.3

Manual Integrations
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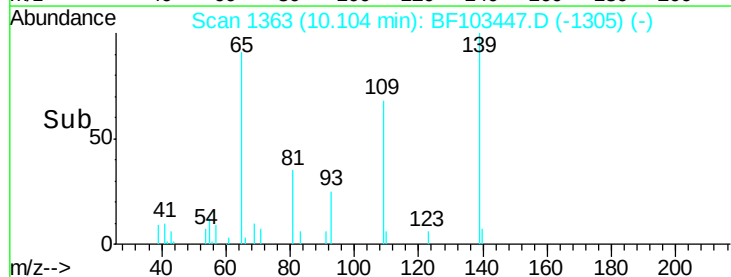
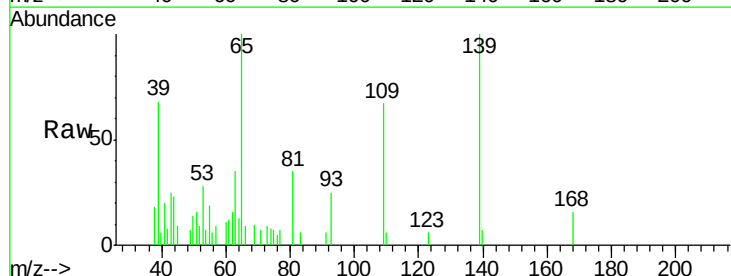
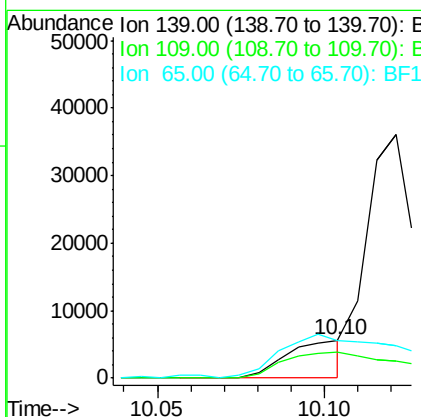
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3/7/2018 12:14:40 PM

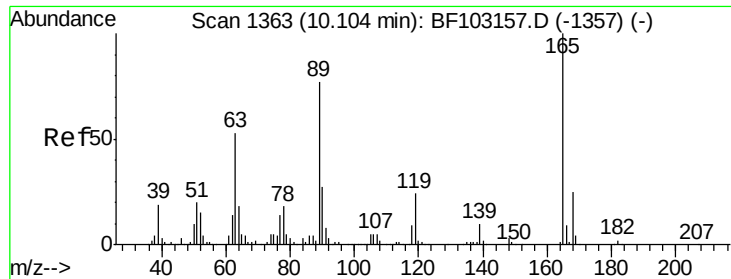
3/7/2018 12:14:40 PM



#55
4-Nitrophenol
Concen: 2.678 ng m
RT: 10.10 min Scan# 1363
Delta R.T. 0.04 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.8	48.4	88.4
65	100.5	72.6	112.6





#56
2,4-Dinitrotoluene
Concen: 4.627 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

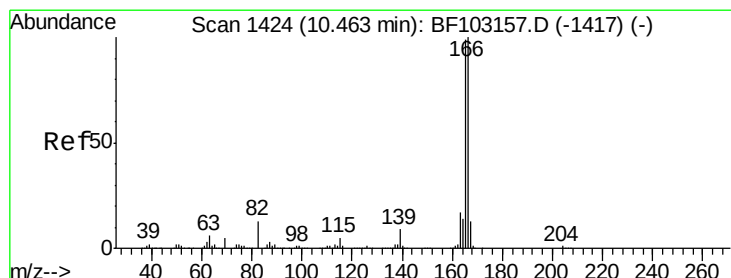
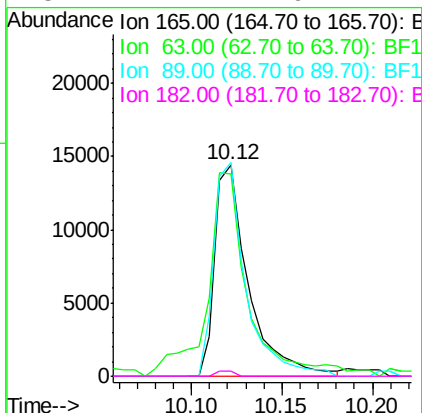
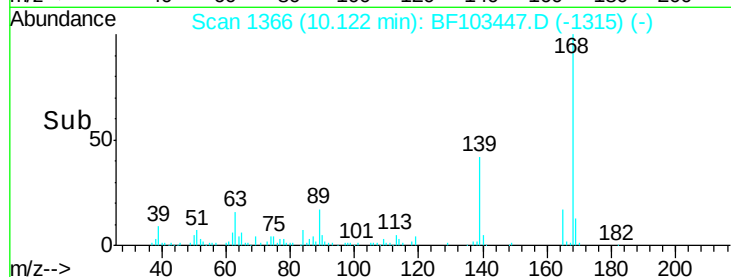
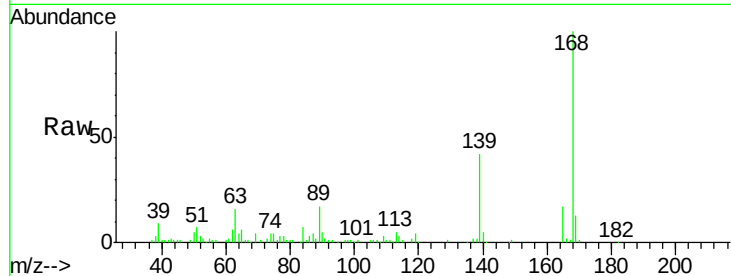
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	95.7	36.4	54.6#
89	101.0	57.8	86.6#
182	2.2	1.6	2.4

Manual Integrations
APPROVED

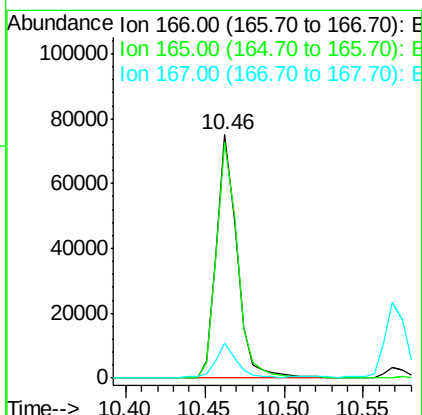
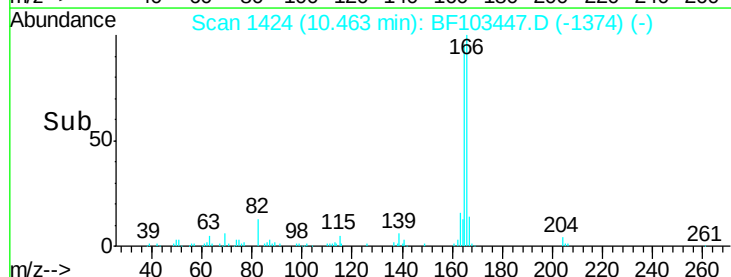
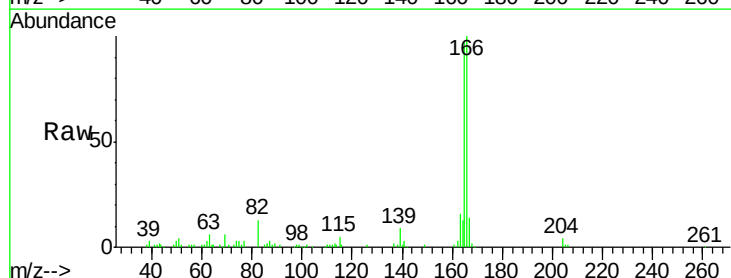
Sohil
3/7/2018 12:14:40 PM

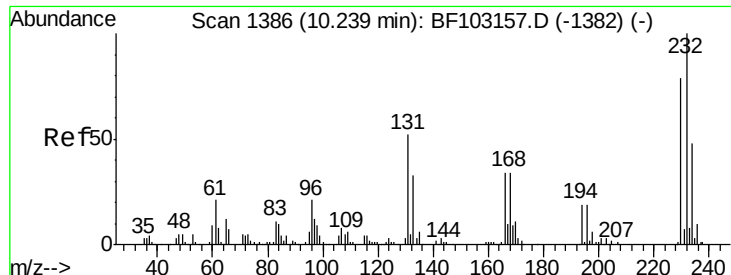
3/7/2018 12:14:40 PM



#57
Fluorene
Concen: 5.159 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.8	119.8
167	14.4	10.6	16.0





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.425 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

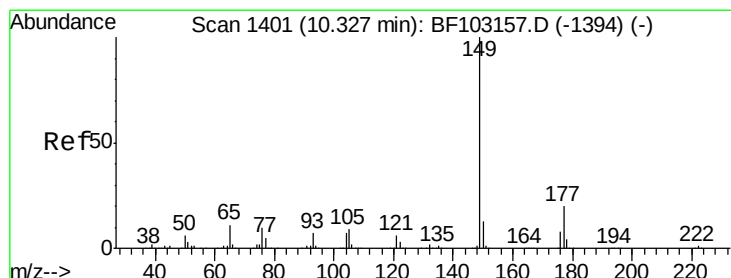
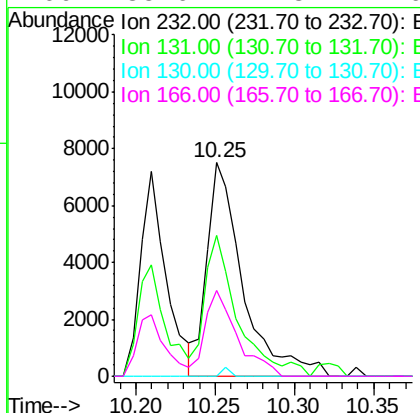
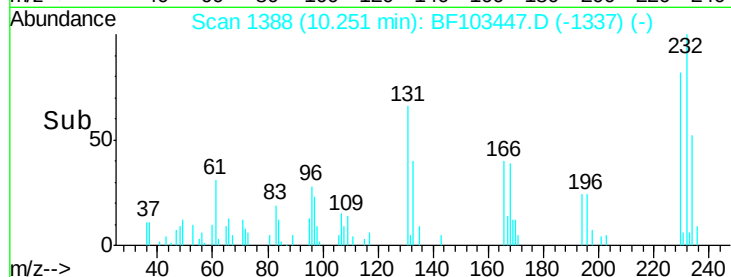
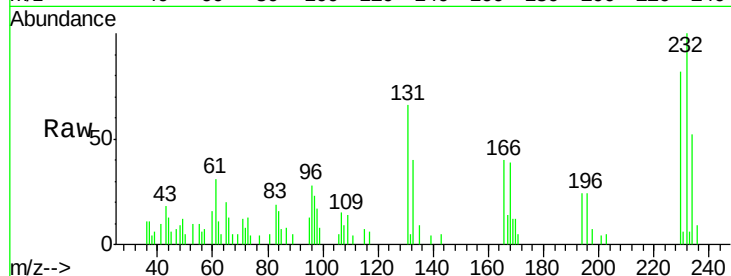
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion:	232	Resp:	11898
Ion Ratio	Lower	Upper	
232	100		
131	61.0	43.8	65.8
130	0.9	2.1	3.1#
166	35.6	27.8	41.6

Manual Integrations
 APPROVED

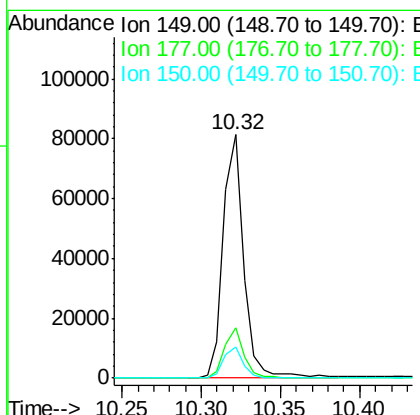
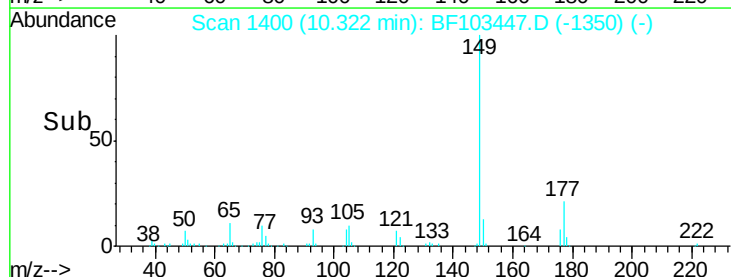
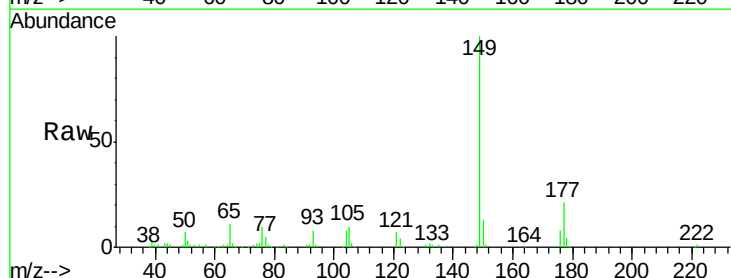
Sohil
 3/7/2018 12:14:40 PM

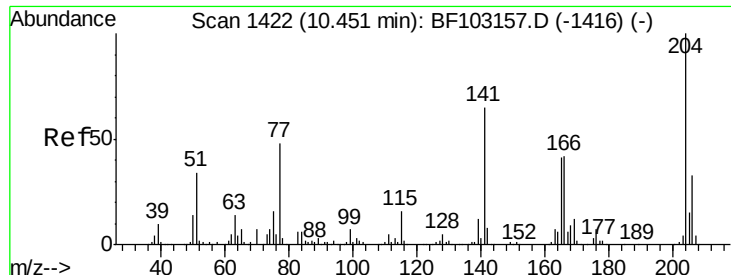
3/7/2018 12:14:40 PM



#59
 Diethylphthalate
 Concen: 5.048 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:	149	Resp:	73277
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.1	24.1
150	12.8	10.1	15.1





#60
4-Chlorophenyl-phenylether
Concen: 5.021 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

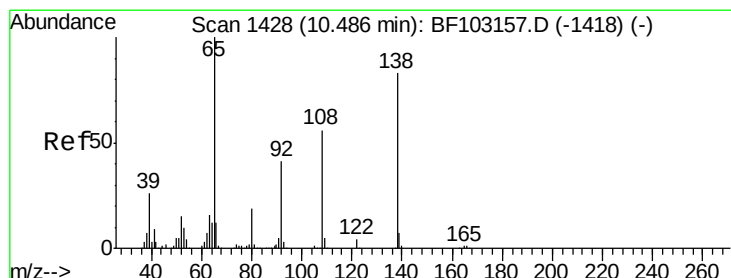
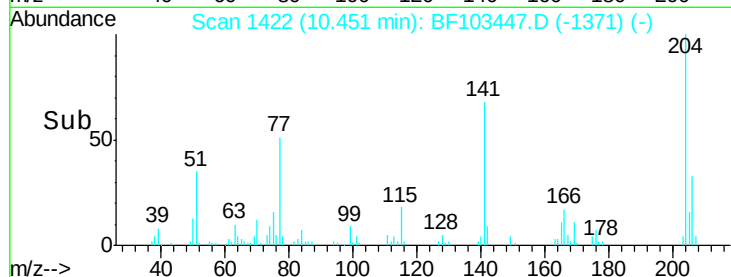
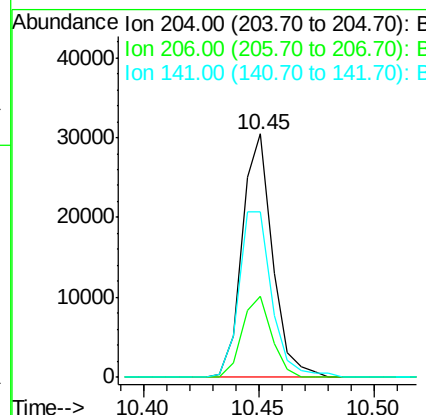
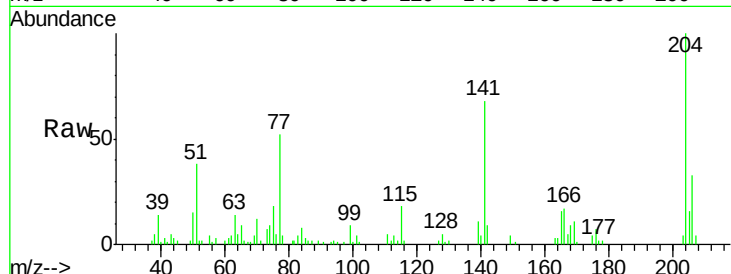
Instrument :
BNA_F
ClientSampled :
PB106993BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	68.2	54.6	81.8

Manual Integrations
APPROVED

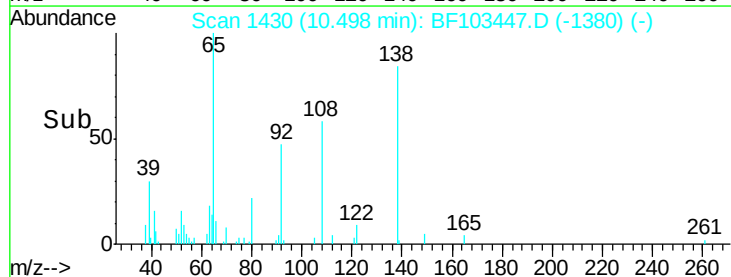
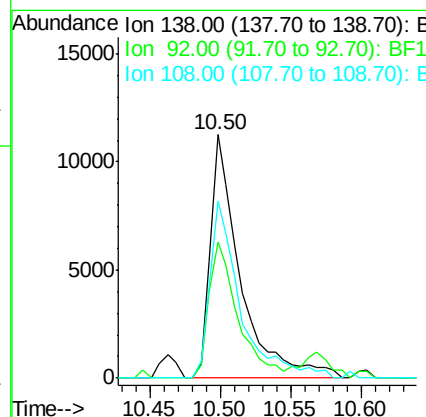
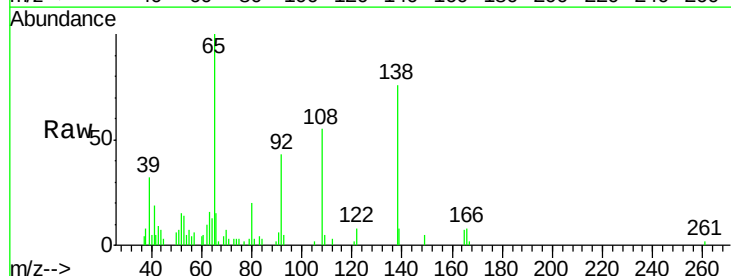
Sohil
3/7/2018 12:14:40 PM

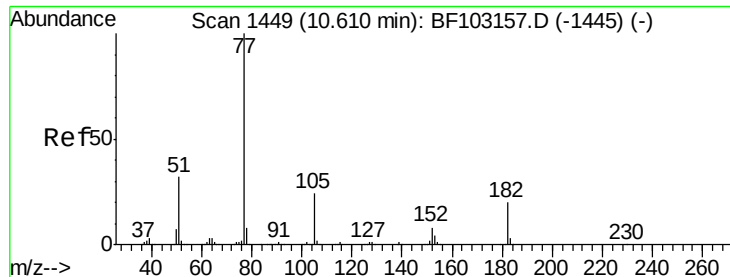
3/7/2018 12:14:40 PM



#61
4-Nitroaniline
Concen: 4.106 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	30.2	70.2
108	72.6	52.5	92.5





#62

Azobenzene

Concen: 5.261 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

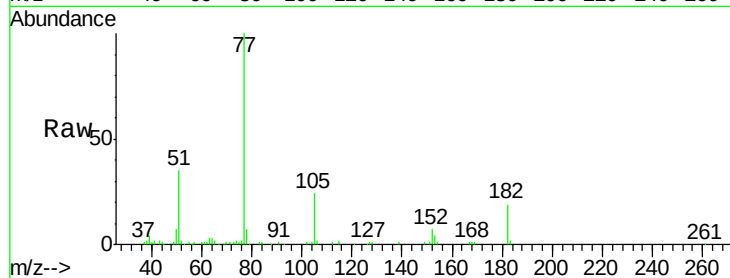
Tot Ion	Ratio	Lower	Upper
77	100		
182	18.9	1.7	41.7
105	23.5	3.0	43.0
51	34.9	9.9	49.9

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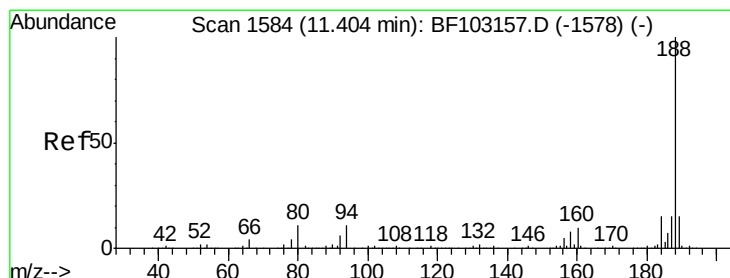
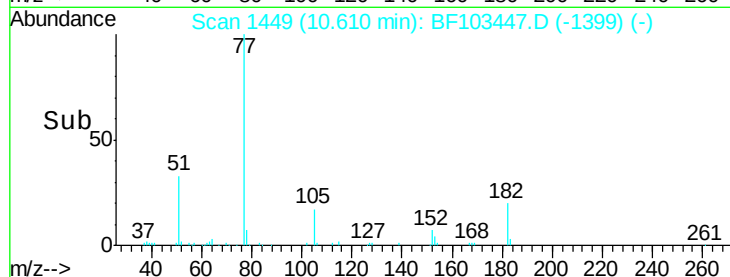
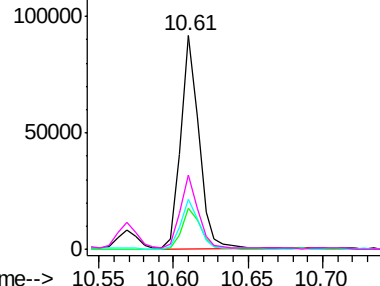


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

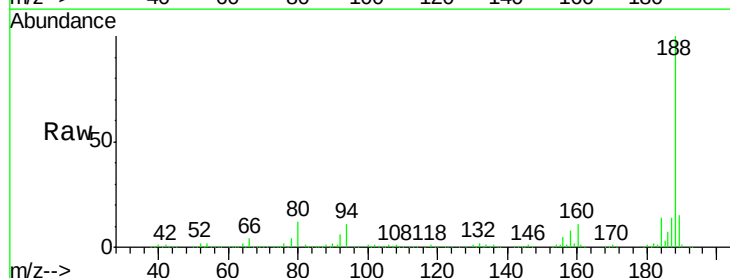
RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

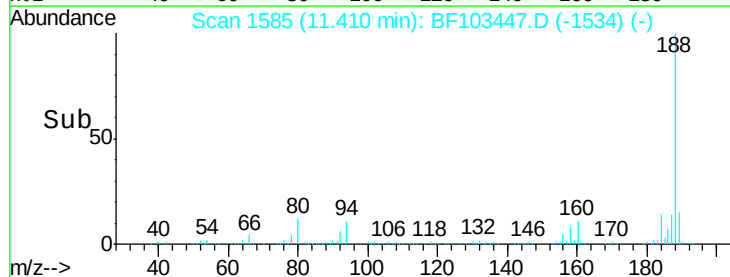
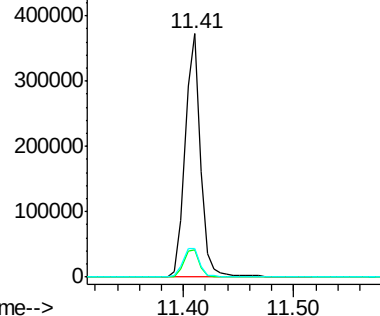
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.6	9.2	13.8

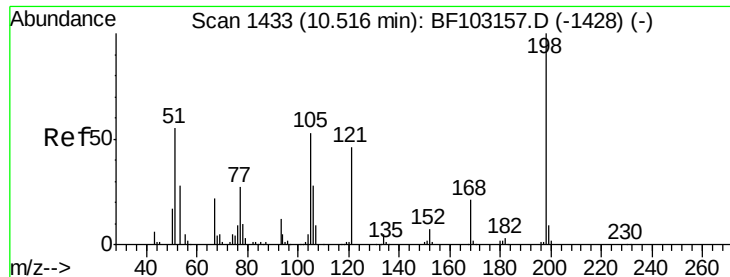


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.313 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

Tot Ion:198 Resp: 874

Ion Ratio Lower Upper

198 100

51 130.4 37.7 77.7#

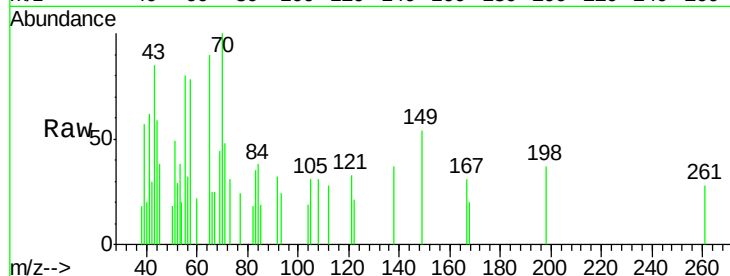
105 83.9 36.3 76.3#

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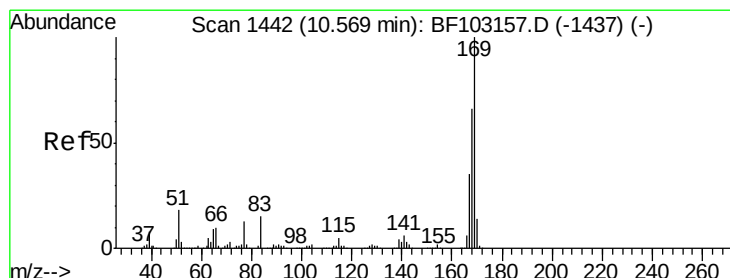
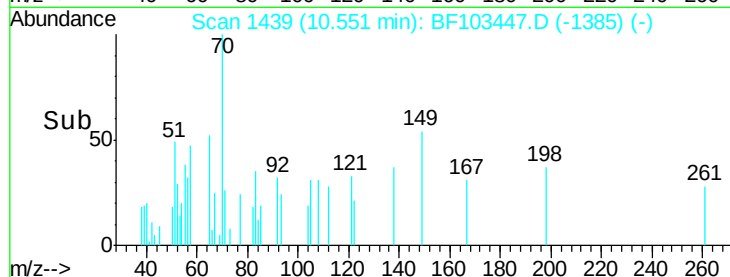
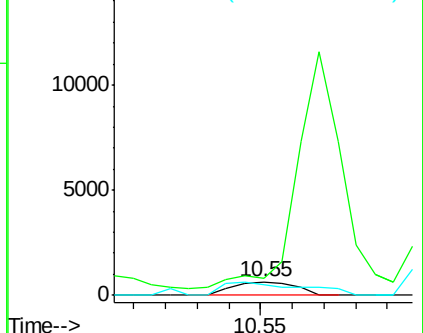
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 4.631 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

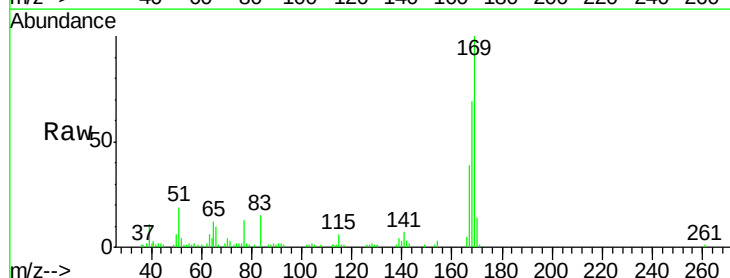
Tgt Ion:169 Resp: 56525

Ion Ratio Lower Upper

169 100

168 68.8 54.4 81.6

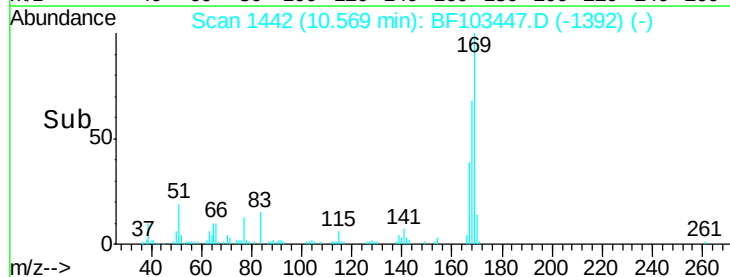
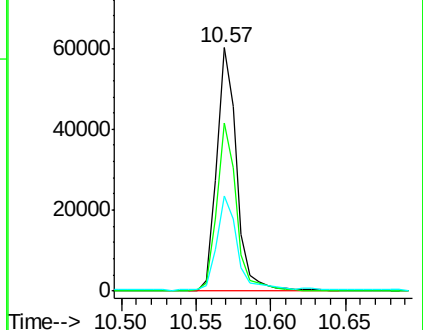
167 39.1 29.8 44.6

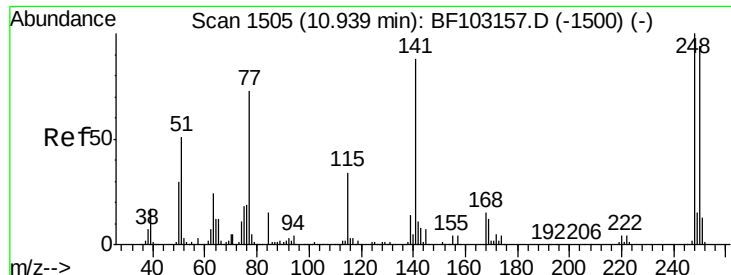


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66
 4-Bromophenyl-phenylether
 Concen: 4.347 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

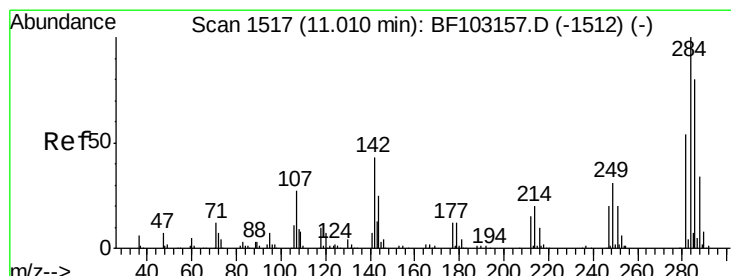
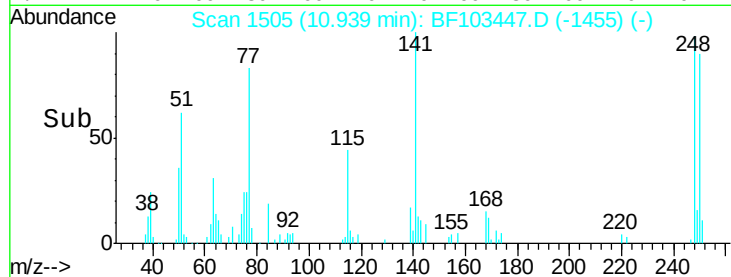
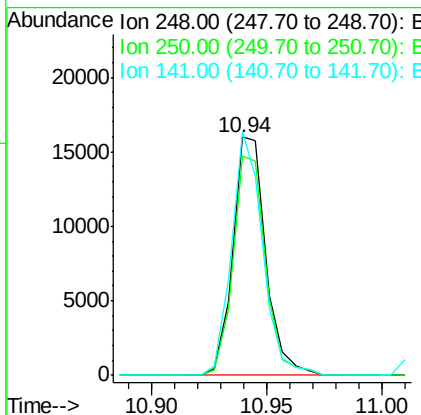
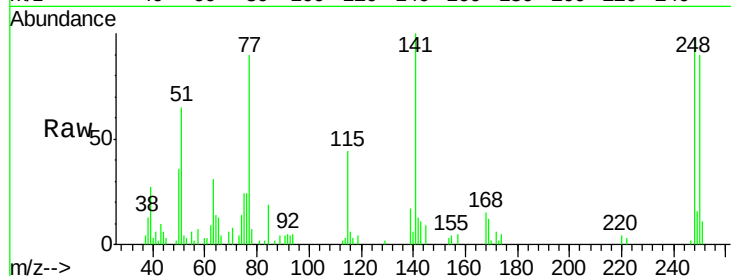
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.1	76.9	115.3
141	102.2	74.4	111.6

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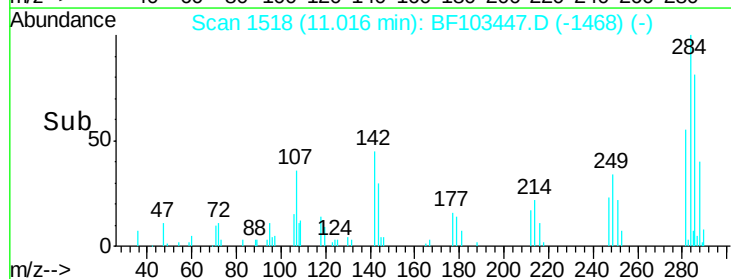
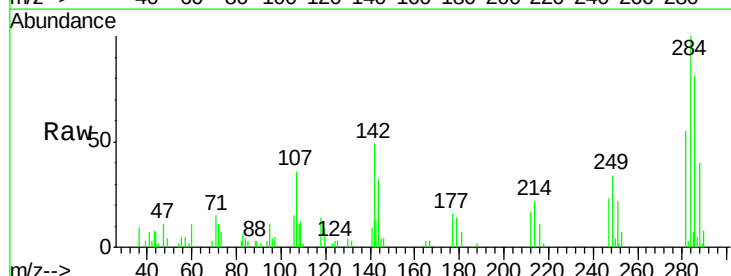
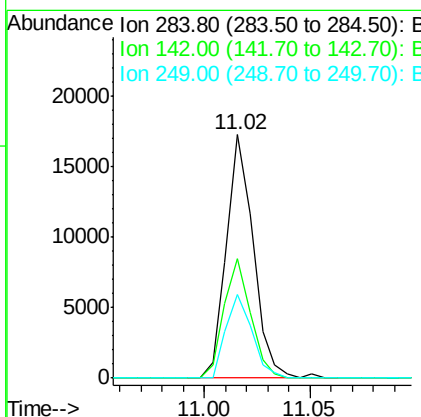
Sohil
 3/7/2018 12:14:40 PM

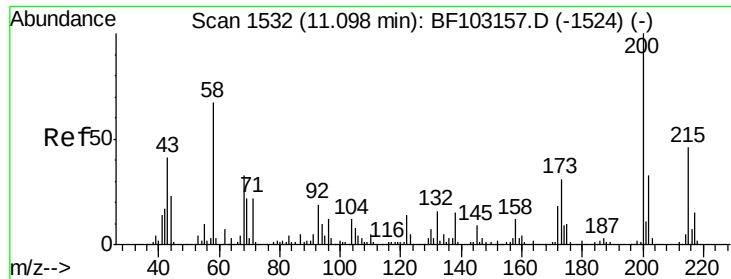
3/7/2018 12:14:40 PM



#67
 Hexachlorobenzene
 Concen: 3.833 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.2	34.6	52.0
249	34.4	24.8	37.2





#68
Atrazine
Concen: 4.409 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

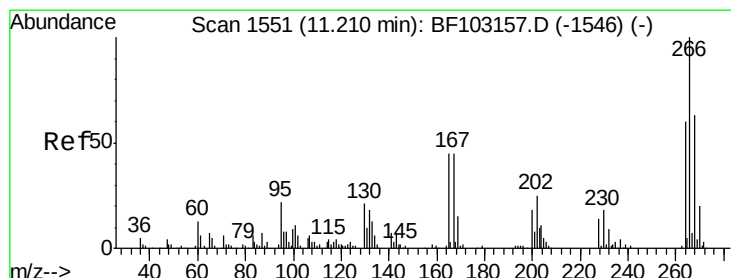
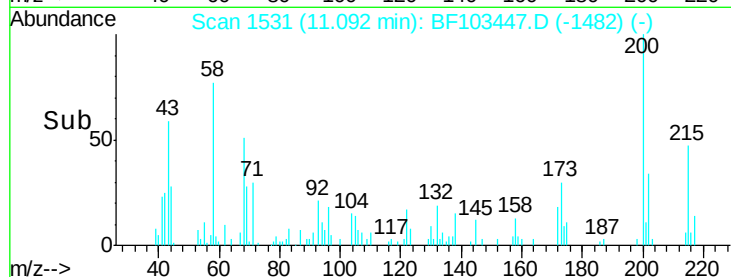
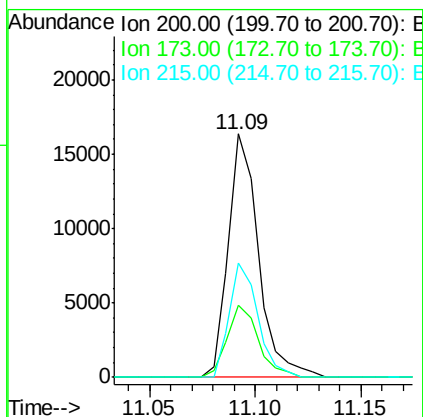
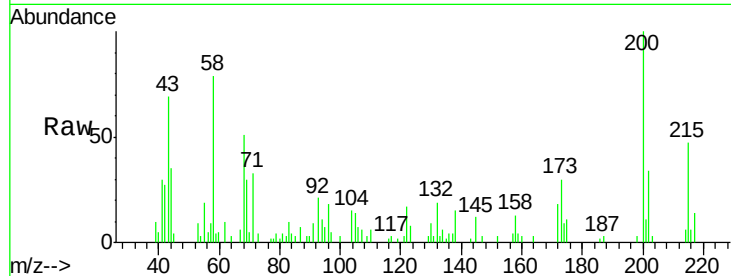
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.7	8.6	48.6
215	46.9	25.1	65.1

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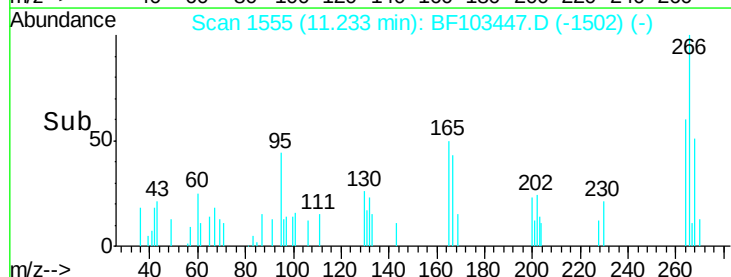
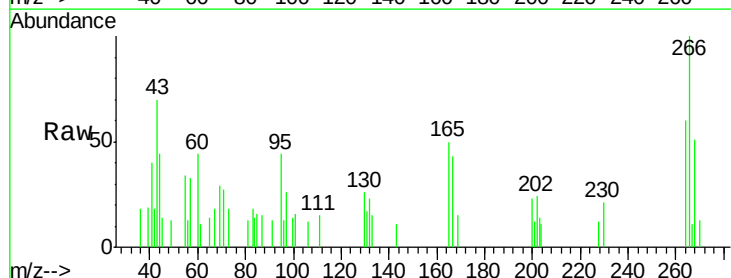
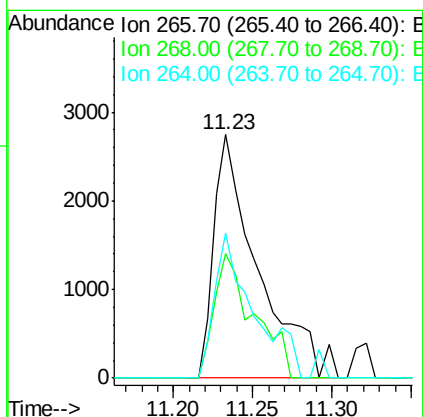
Sohil
3/7/2018 12:14:40 PM

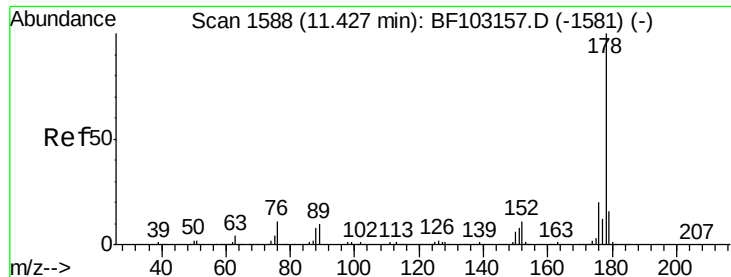
3/7/2018 12:14:40 PM



#69
Pentachlorophenol
Concen: 2.777 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	51.3	51.1	76.7
264	59.8	49.5	74.3





#70
Phenanthrene
Concen: 4.750 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

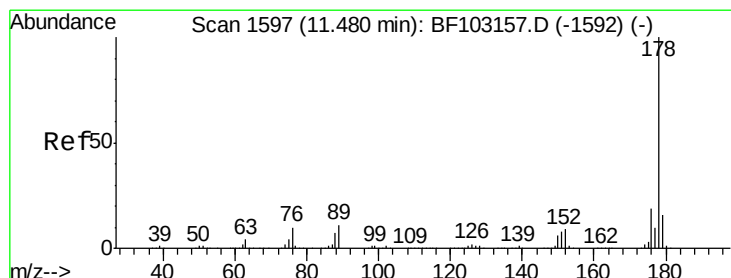
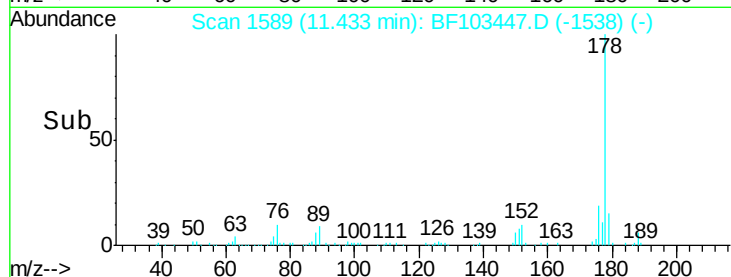
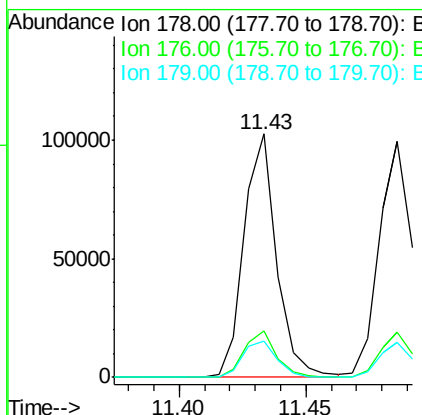
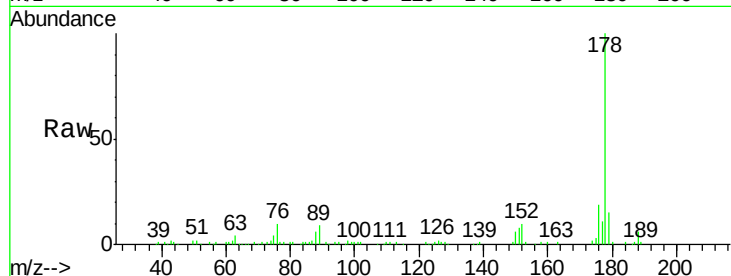
Instrument :
BNA_F
ClientSampled :
PB106993BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.9	13.0	19.6

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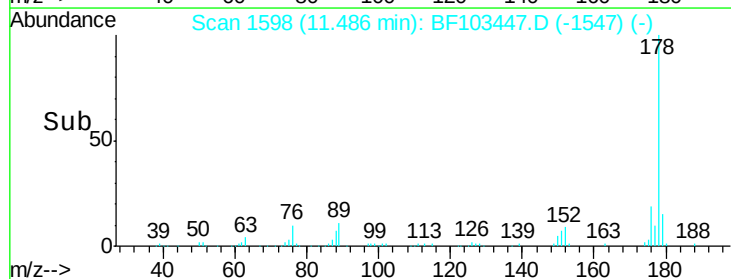
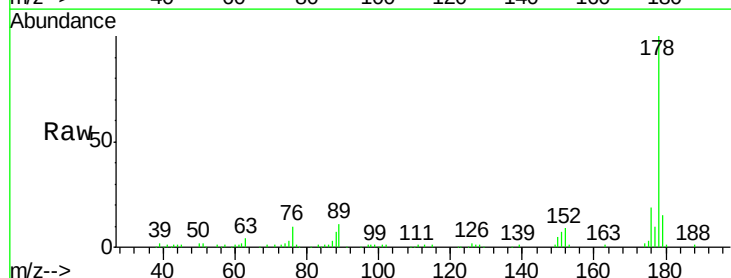
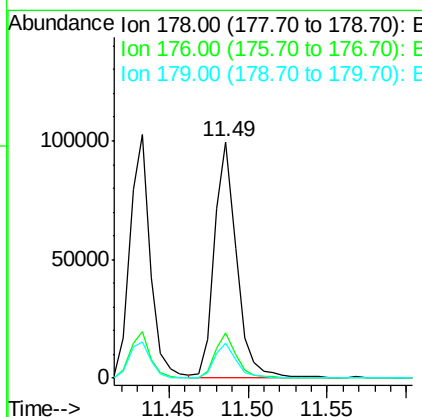
Sohil
3/7/2018 12:14:40 PM

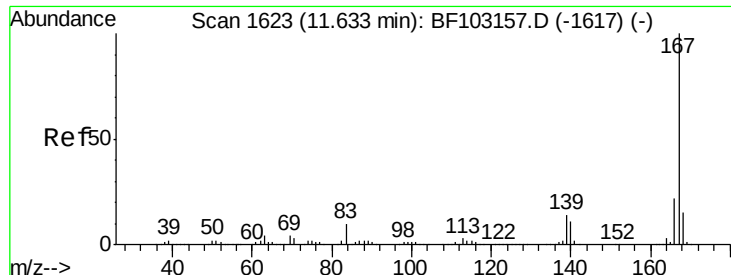
3/7/2018 12:14:40 PM



#71
Anthracene
Concen: 4.925 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.0	12.6	19.0





#72
 Carbazole
 Concen: 4.798 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

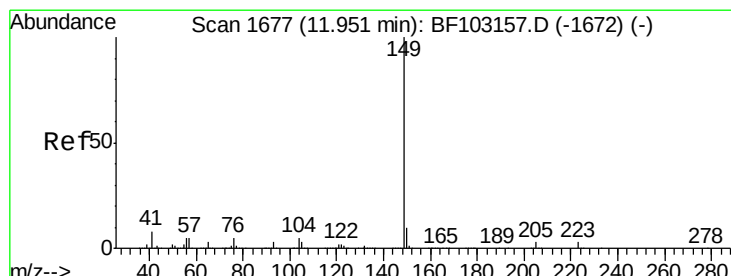
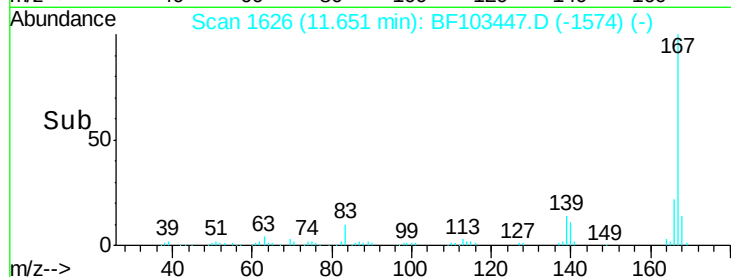
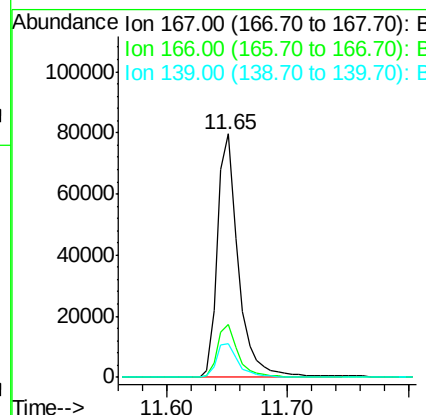
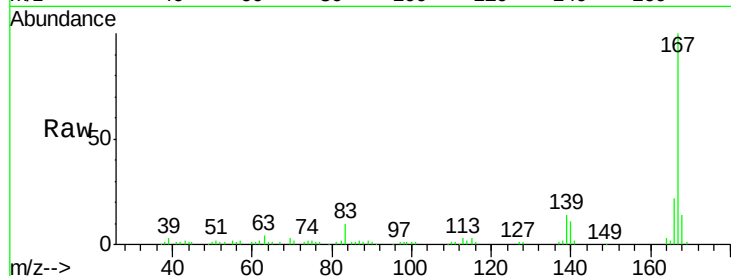
Instrument :
 BNA_F
 ClientSampled :
 PB106993BS

Tot Ion:167	Resp:	94527
Ion Ratio	Lower	Upper
167 100		
166 22.0	17.6	26.4
139 13.9	10.9	16.3

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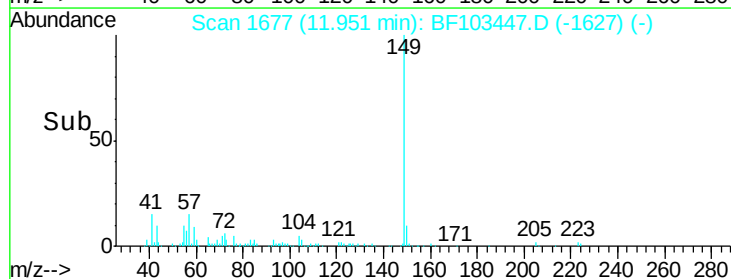
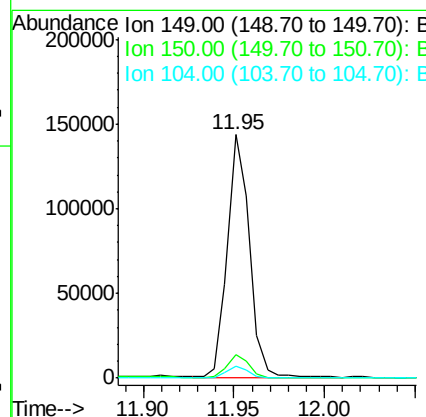
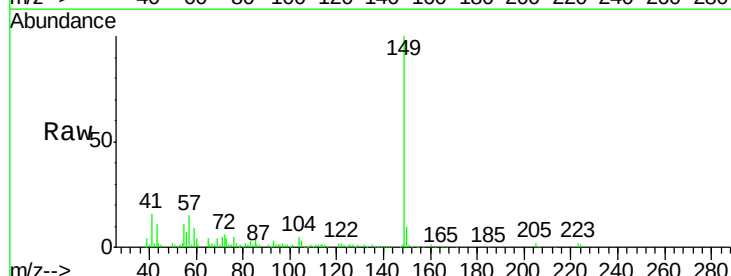
Sohil
 3/7/2018 12:14:40 PM

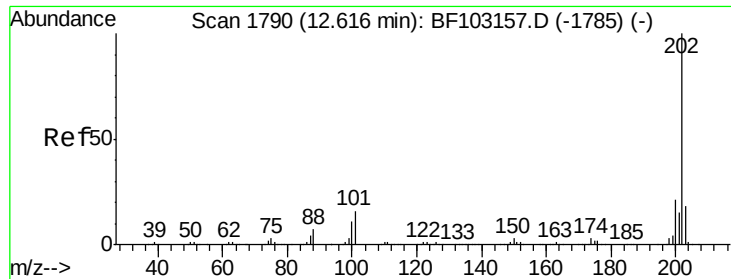
3/7/2018 12:14:40 PM



#73
 Di-n-butylphthalate
 Concen: 4.946 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion:149	Resp:	121917
Ion Ratio	Lower	Upper
149 100		
150 9.6	7.8	11.6
104 5.0	3.8	5.8





#74
Fluoranthene
Concen: 4.940 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

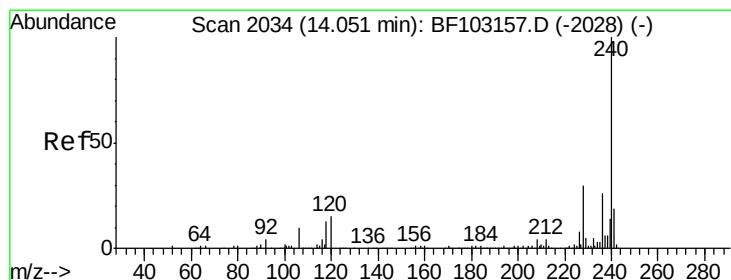
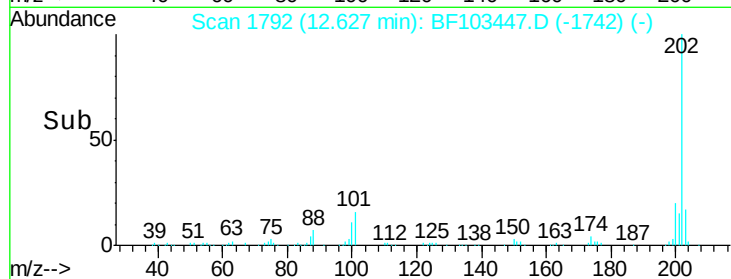
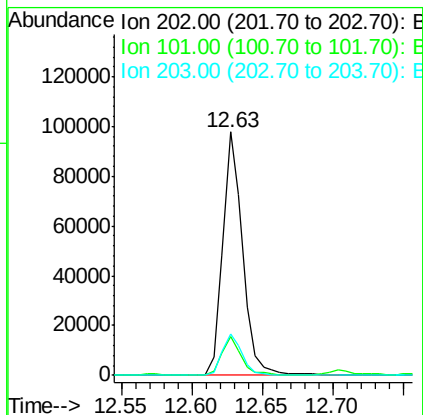
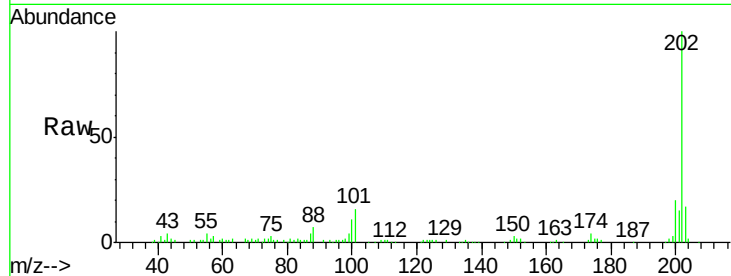
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	0.0	34.1
203	16.9	0.0	38.1

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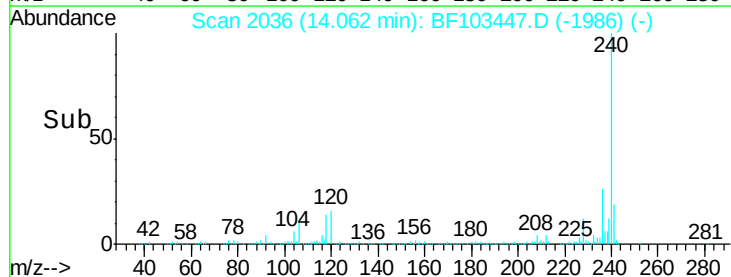
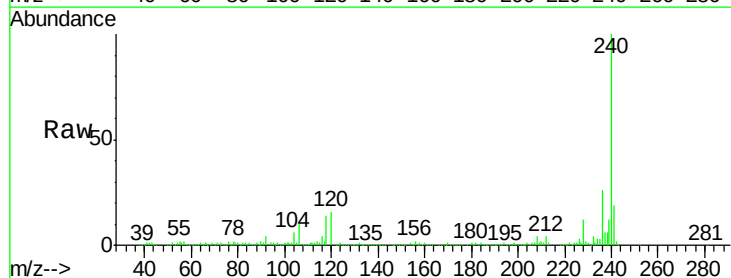
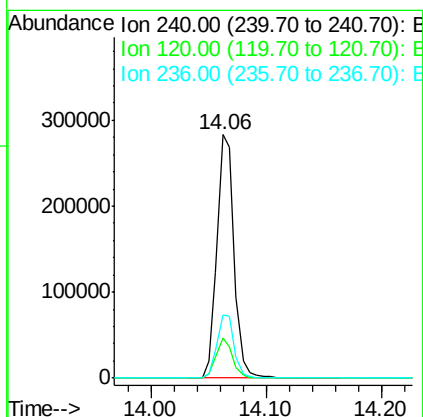
Sohil
3/7/2018 12:14:40 PM

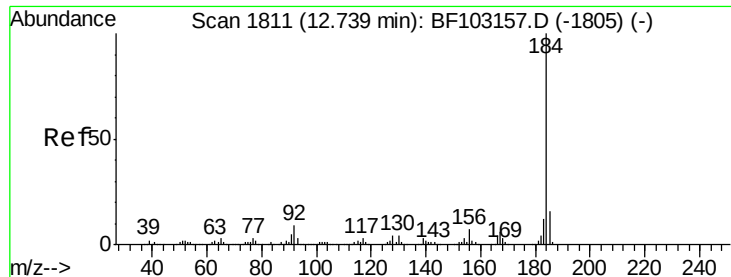
3/7/2018 12:14:40 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	25.9	20.7	31.1





#76

Benzidine

Concen: 2.721 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

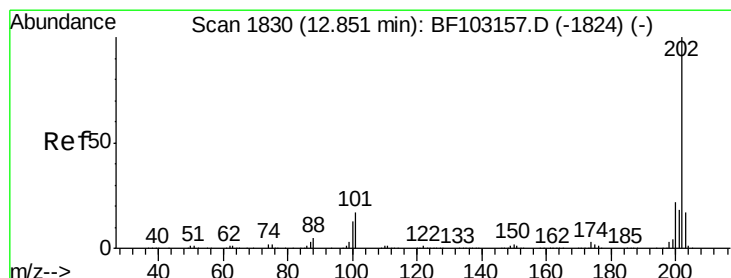
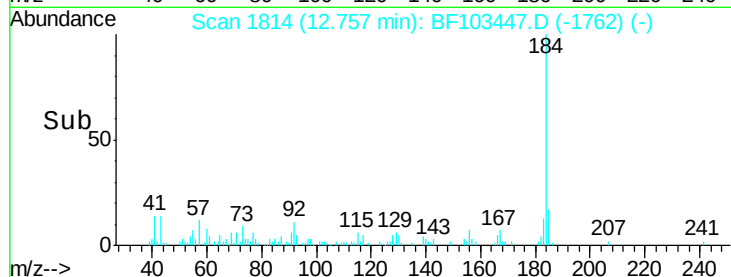
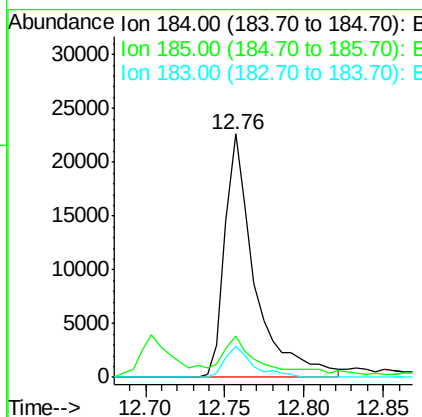
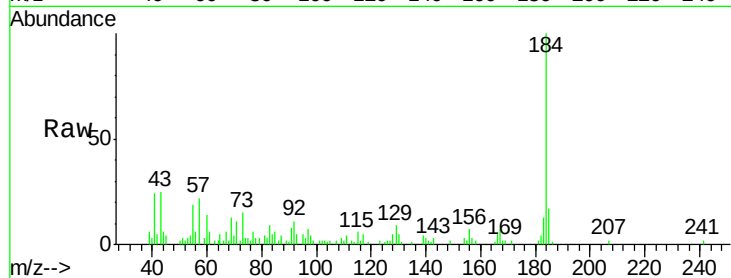
Tot Ion:	184	Resp:	29711
Ion Ratio	Lower	Upper	
184	100		
185	17.0	12.6	18.8
183	12.6	9.3	13.9

Manual Integrations
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Sohil

3/7/2018 12:14:40 PM

3/7/2018 12:14:40 PM



#77

Pyrene

Concen: 4.511 ng

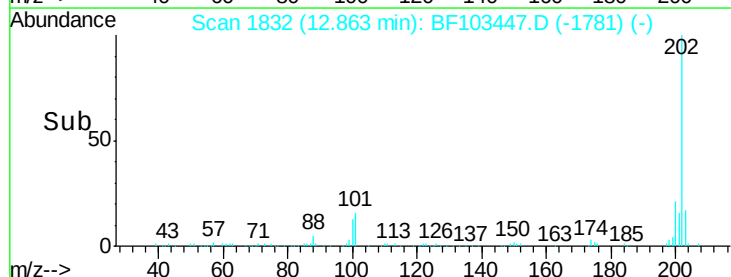
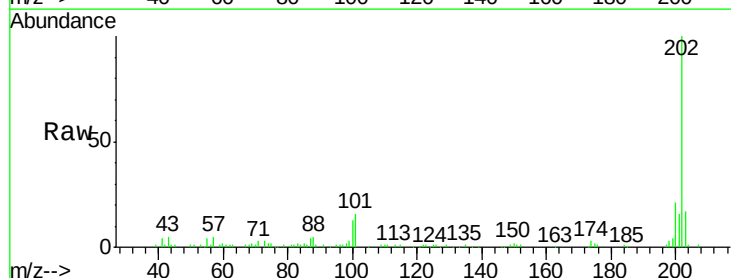
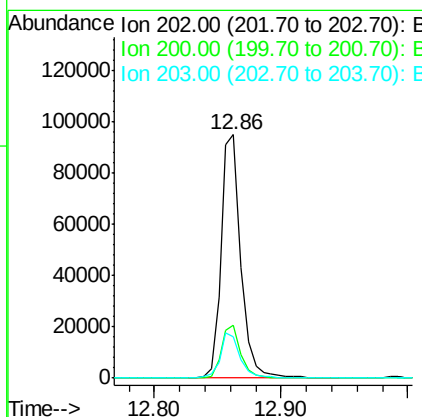
RT: 12.86 min Scan# 1832

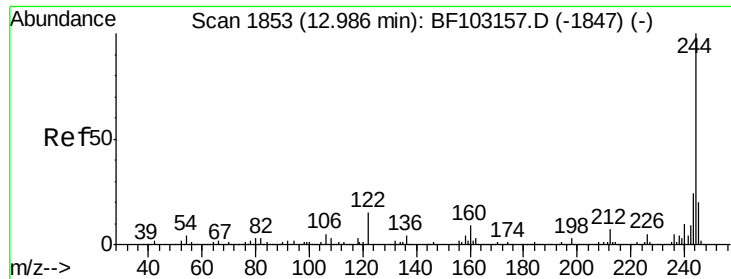
Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	202	Resp:	102741
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	16.8	14.3	21.5





#78
 Terphenyl-d14
 Concen: 10.527 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

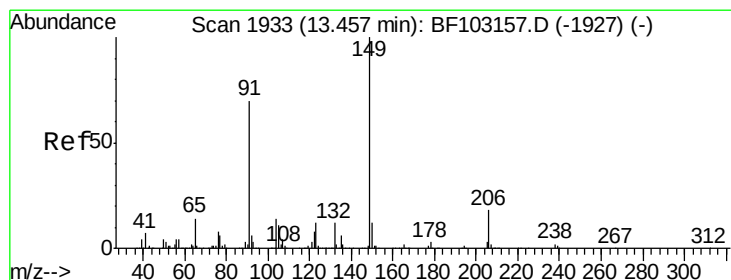
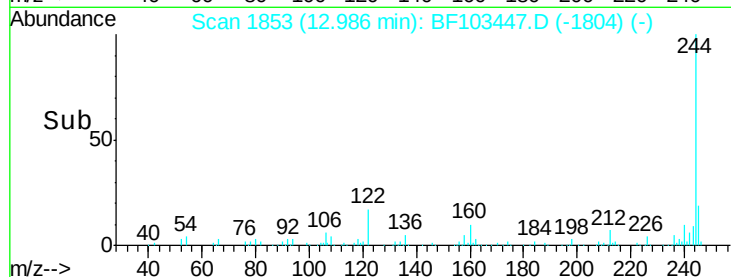
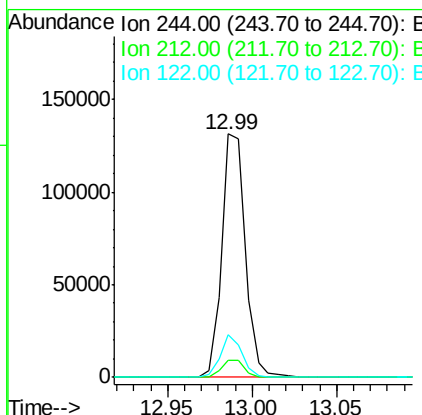
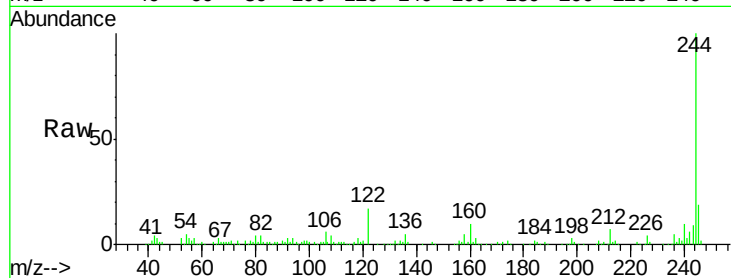
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	17.5	11.0	16.4

Manual Integrations
 APPROVED

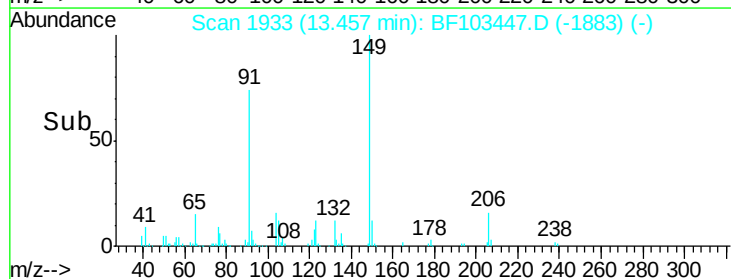
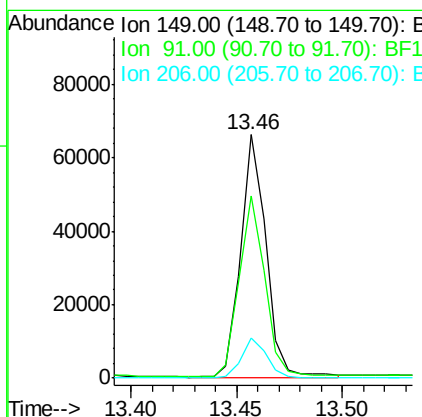
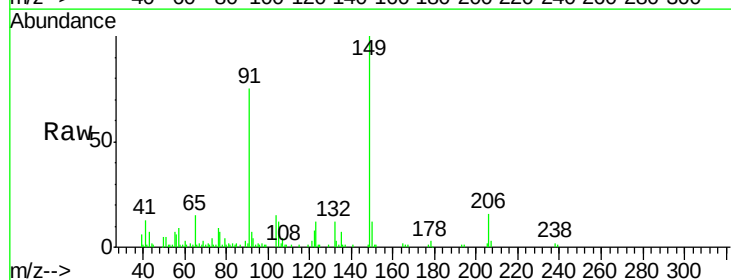
Sohil
 3/7/2018 12:14:40 PM

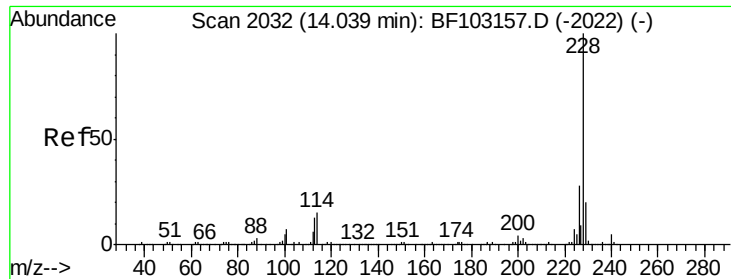
3/7/2018 12:14:40 PM



#79
 Butylbenzylphthalate
 Concen: 4.638 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF103447.D
 Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	56.8	85.2
206	16.3	14.1	21.1





#80
Benzo(a)anthracene
Concen: 4.352 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

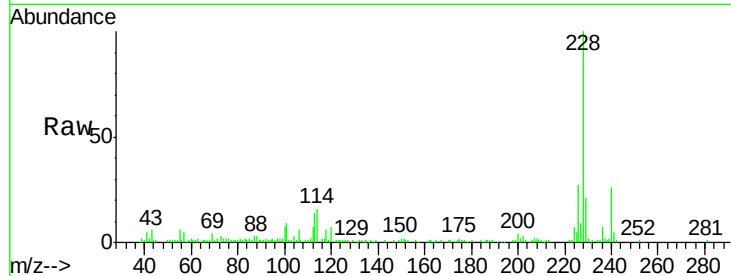
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.9	15.8	23.6

Manual Integrations
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3/7/2018 12:14:40 PM

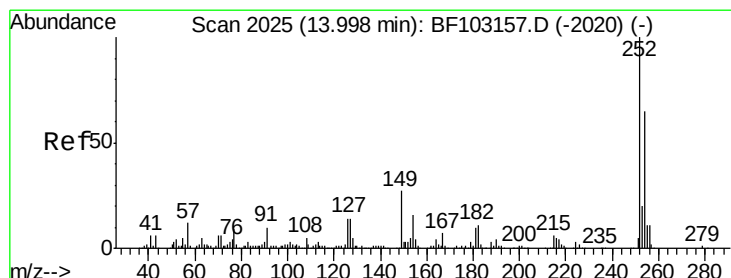
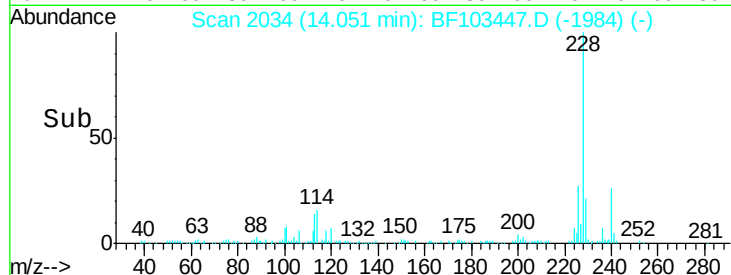
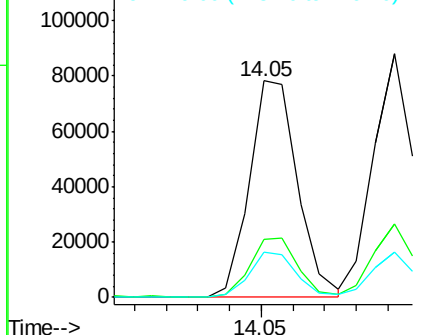


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81
3,3'-Dichlorobenzidine
Concen: 3.029 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

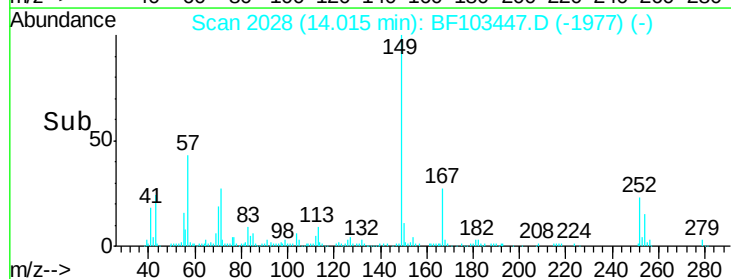
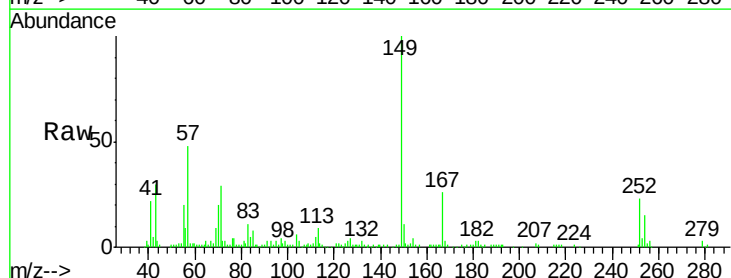
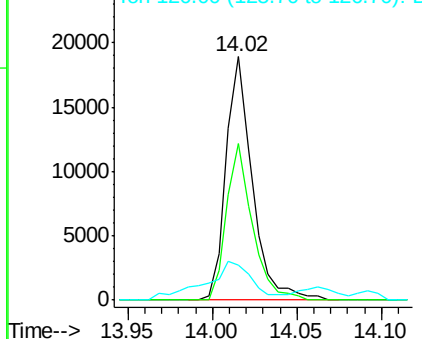
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	14.3	11.3	16.9

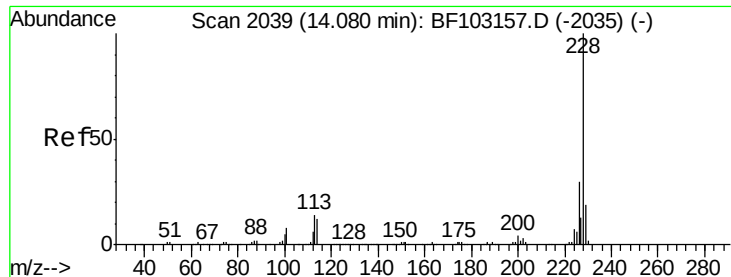
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 4.454 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampled :

PB106993BS

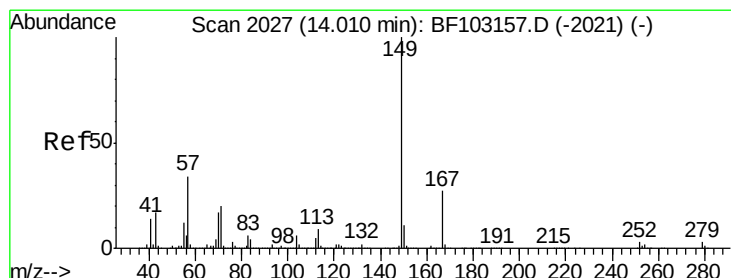
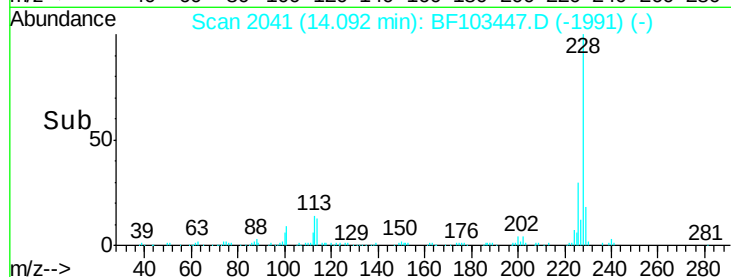
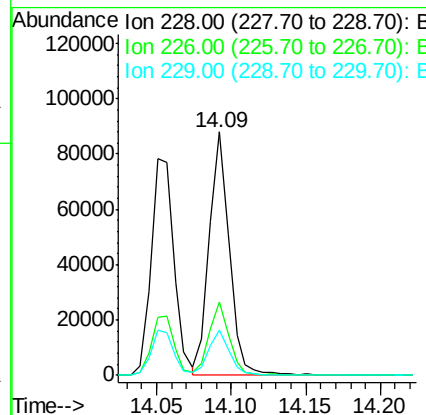
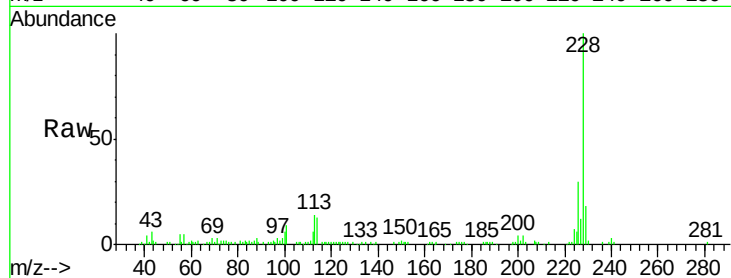
Tot Ion:	228	Resp:	81966
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	18.5	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 4.644 ng

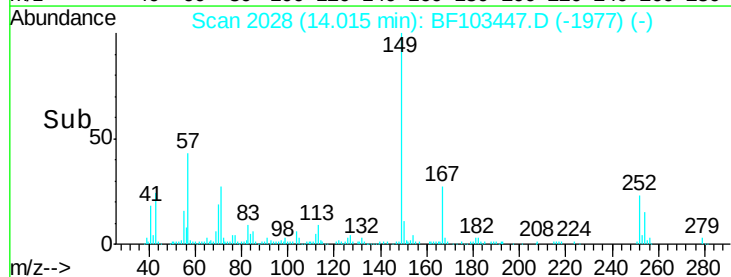
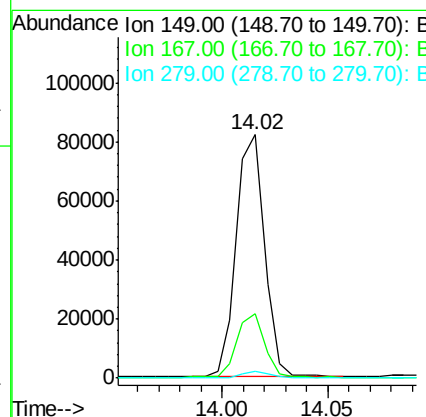
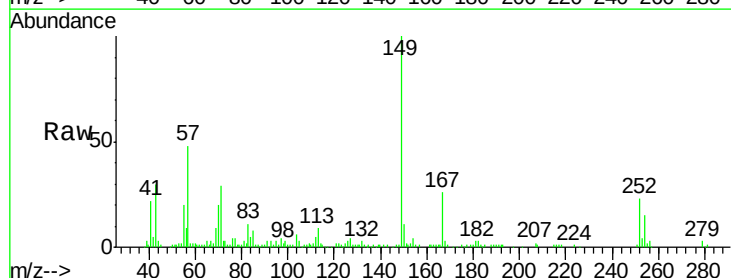
RT: 14.02 min Scan# 2028

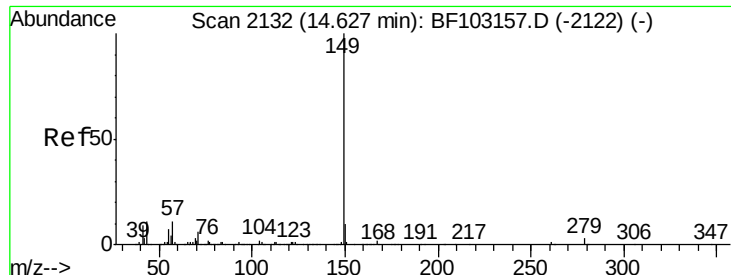
Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	149	Resp:	75407
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	2.9	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 4.657 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

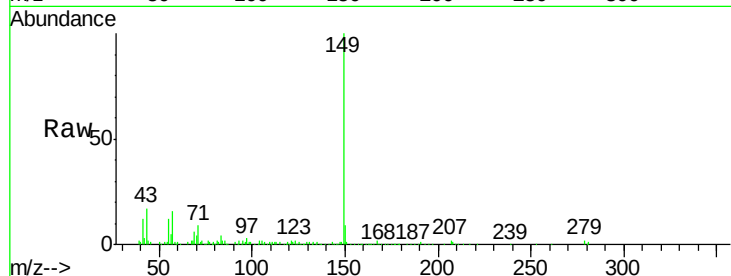
Tot Ion:	149	Resp:	122172
Ion Ratio	Lower	Upper	
149	100		
167	2.7	1.2	1.8#
43	15.5	8.4	12.6#

Manual Integrations
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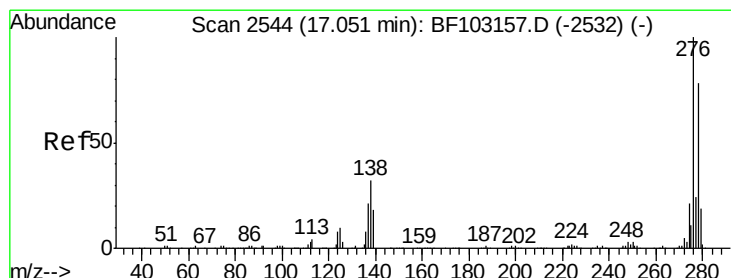
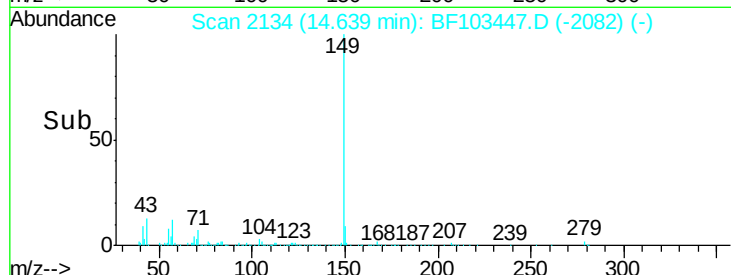
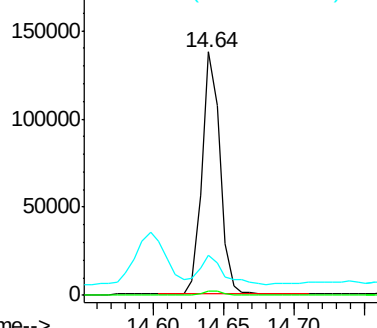
Sohil

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.171 ng

RT: 17.13 min Scan# 2558

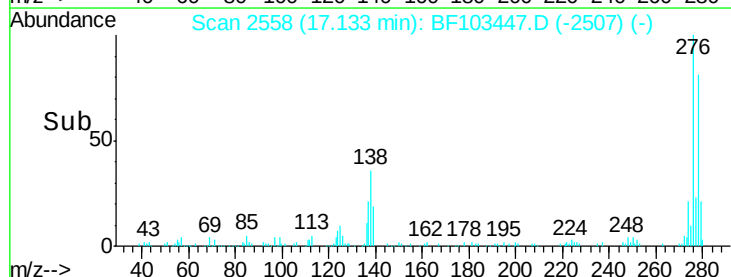
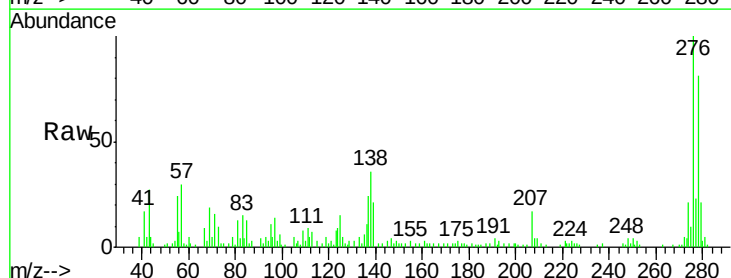
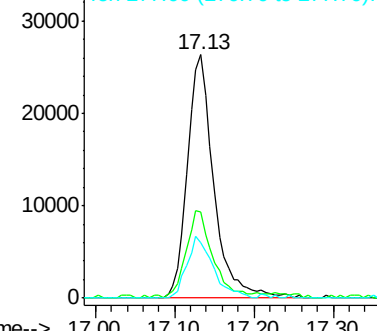
Delta R.T. -0.00 min

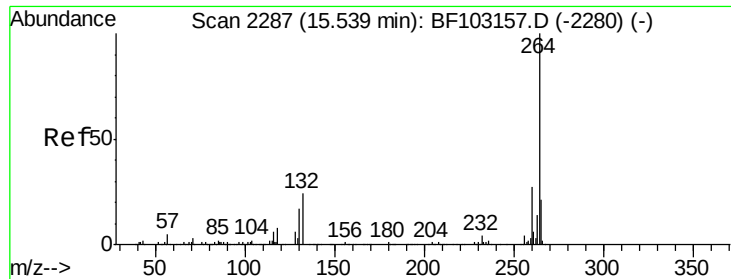
Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	276	Resp:	60772
Ion Ratio	Lower	Upper	
276	100		
138	37.7	25.0	37.6#
277	25.2	20.1	30.1

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

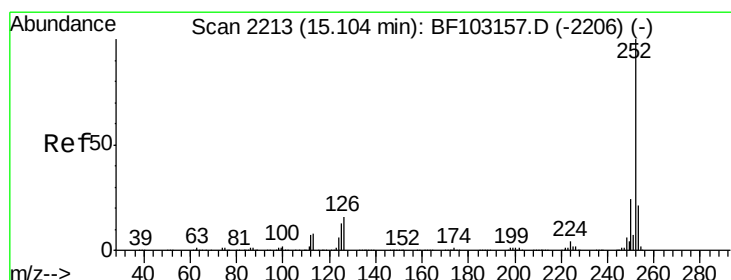
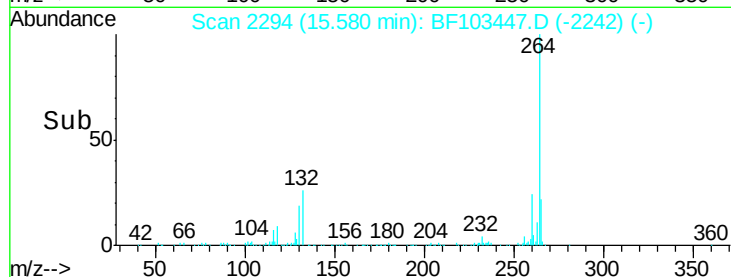
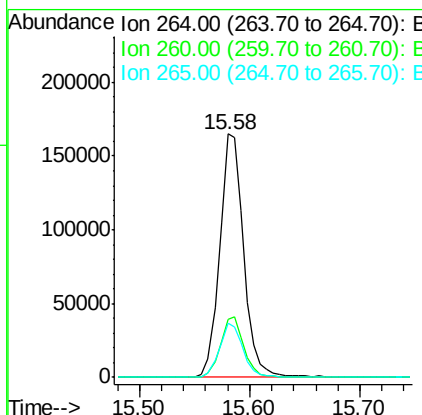
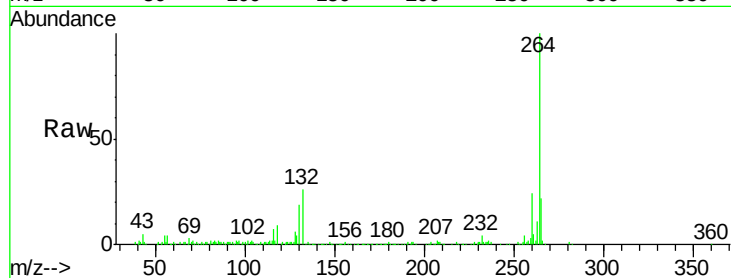
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3

Manual Integrations
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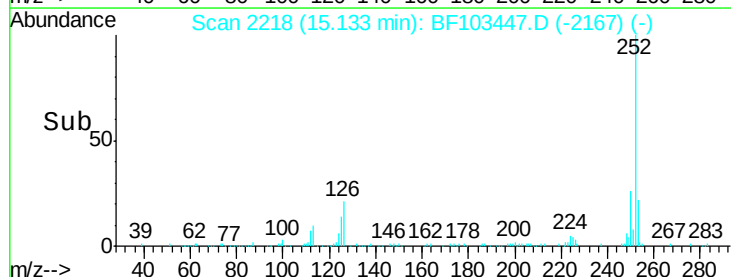
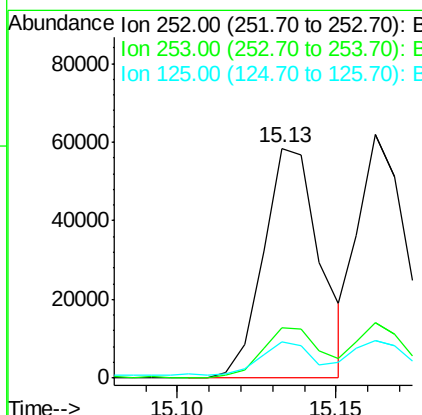
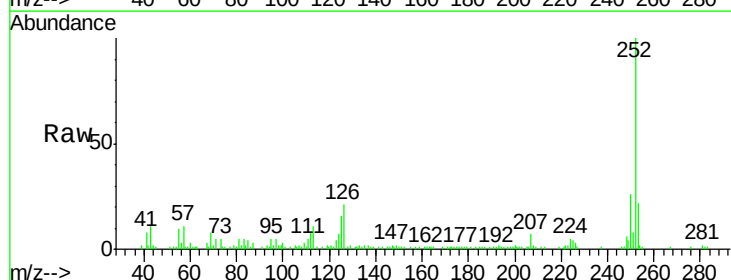
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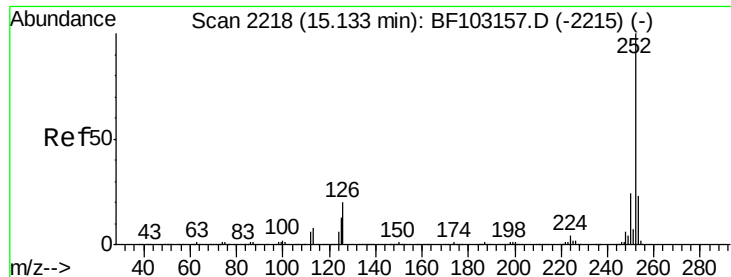
3/7/2018 12:14:40 PM



#87
Benzo(b)fluoranthene
Concen: 4.428 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103447.D
Acq: 6 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	15.9	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 4.556 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampleId :

PB106993BS

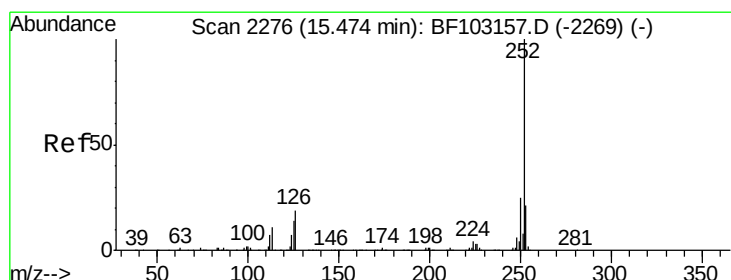
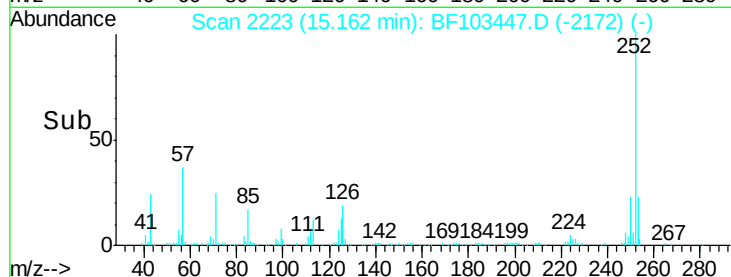
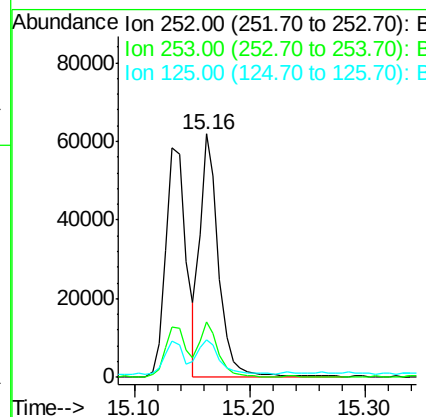
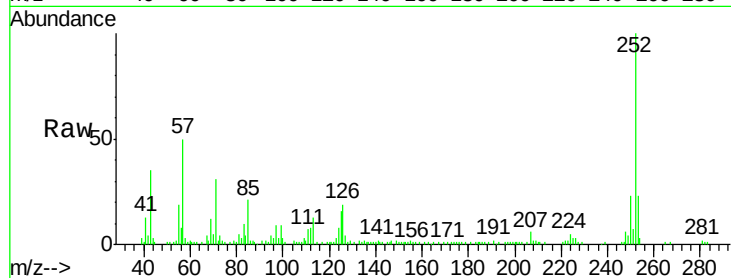
Tot Ion:	252	Resp:	70328
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	15.6	10.2	15.2#

Manual Integrations
APPROVED

Sohil

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#89

Benzo(a)pyrene

Concen: 4.526 ng

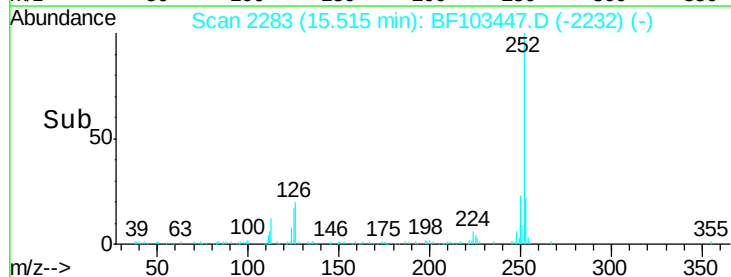
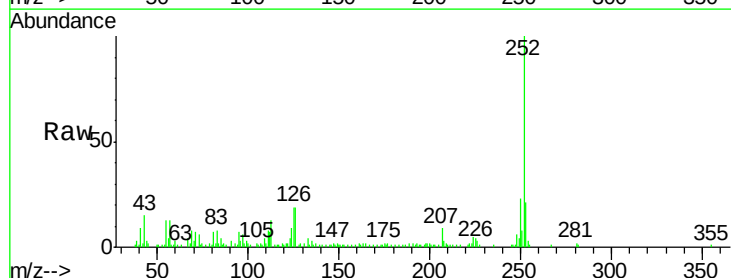
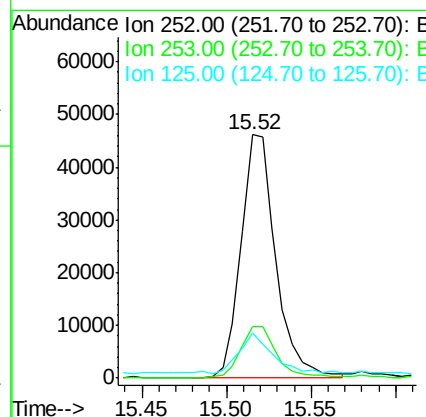
RT: 15.52 min Scan# 2283

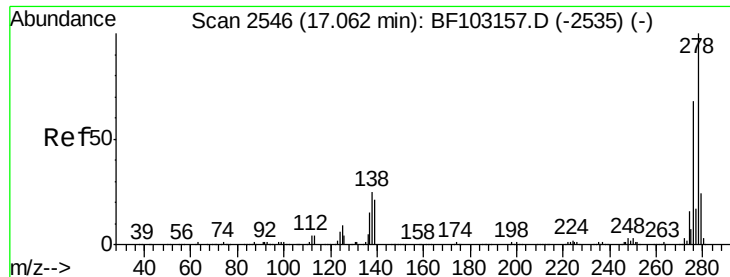
Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Tgt Ion:	252	Resp:	66252
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	18.6	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 4.378 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

Instrument :

BNA_F

ClientSampled :

PB106993BS

Tot Ion:278 Resp: 49517

Ion Ratio Lower Upper

278 100

139 25.4 15.9 23.9#

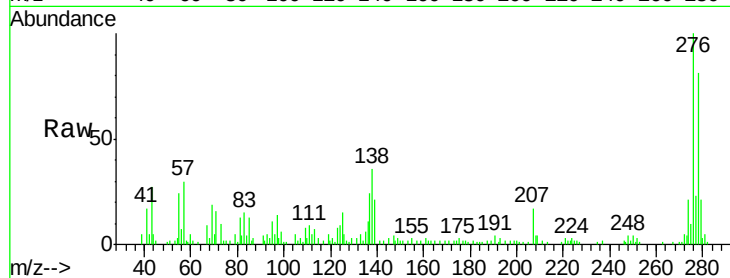
279 25.3 19.0 28.4

Manual Integrations
APPROVED

Sohil

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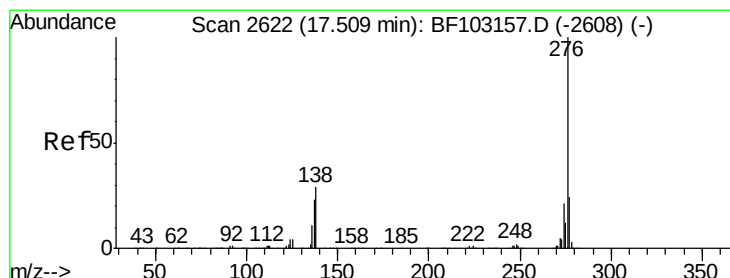
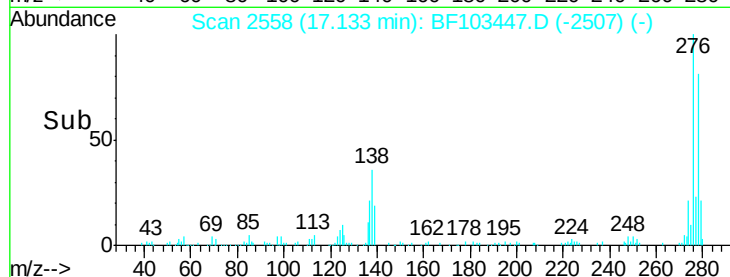
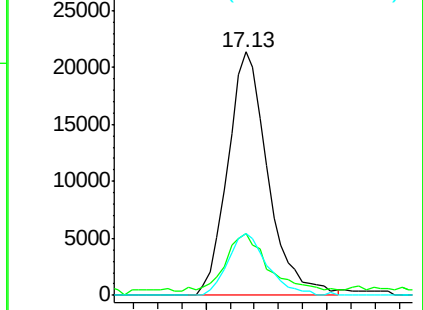
3/7/2018 12:14:40 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.349 ng

RT: 17.60 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BF103447.D

Acq: 6 Mar 2018 11:24

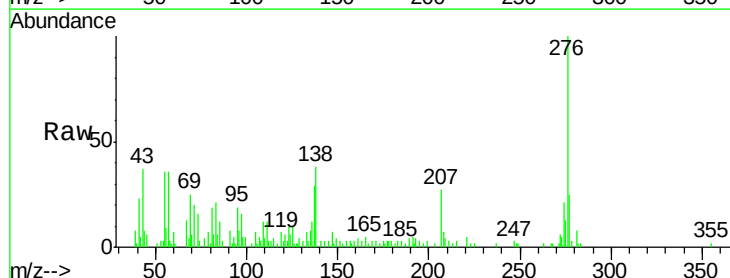
Tgt Ion:276 Resp: 48071

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 37.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

