

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103647.D
 Acq On : 14 Mar 2018 18:12
 Operator : SJ/JU
 Sample : J1911-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:34 PM

Quant Time: Mar 15 10:53:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	110772	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	464051	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	195430	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	296961	20.00	ng	0.00
75) Chrysene-d12	14.06	240	190250	20.00	ng	0.00
86) Perylene-d12	15.57	264	184584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	805314	109.95	ng	0.00
7) Phenol-d6	6.50	99	952319	106.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	619808	76.28	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	137359	83.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	858816	73.22	ng	0.00
78) Terphenyl-d14	12.98	244	598595	75.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	93659	24.212	ng	91
3) Pyridine	3.53	79	222517m	21.547	ng	
4) n-Nitrosodimethylamine	3.45	42	131992m	31.691	ng	
6) Aniline	6.53	93	276707	21.393	ng	# 58
8) 2-Chlorophenol	6.65	128	266339	35.005	ng	94
9) Benzaldehyde	6.43	77	96606	14.735	ng	95
10) Phenol	6.52	94	379549	36.481	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	321372m	40.698	ng	
12) 1,3-Dichlorobenzene	6.80	146	262720	30.216	ng	97
13) 1,4-Dichlorobenzene	6.87	146	287542	32.985	ng	98
14) 1,2-Dichlorobenzene	7.03	146	257787	32.071	ng	99
15) Benzyl Alcohol	7.02	79	202335	29.960	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	426329	31.441	ng	59
17) 2-Methylphenol	7.12	107	208472	30.150	ng	# 75
18) Hexachloroethane	7.36	117	86443	27.239	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	208731	37.422	ng	96
20) 3+4-Methylphenols	7.29	107	266950	31.672	ng	# 65
22) Acetophenone	7.27	105	404836	37.375	ng	# 94
24) Nitrobenzene	7.45	77	283595	31.699	ng	96
25) Isophorone	7.67	82	571179	35.690	ng	95
26) 2-Nitrophenol	7.77	139	129747	30.806	ng	95
27) 2,4-Dimethylphenol	7.80	122	229269	35.614	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	353068	37.523	ng	98
29) 2,4-Dichlorophenol	8.02	162	209268	33.953	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	205203	31.264	ng	98
31) Naphthalene	8.16	128	763202	33.593	ng	100
32) Benzoic acid	7.93	122	41516m	14.354	ng	
33) 4-Chloroaniline	8.23	127	191743	19.558	ng	96
34) Hexachlorobutadiene	8.26	225	100259	29.334	ng	98
35) Caprolactam	8.59	113	64943	29.980	ng	# 85
36) 4-Chloro-3-methylphenol	8.72	107	238722	34.339	ng	99
37) 2-Methylnaphthalene	8.85	142	485054	33.035	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	177845	33.288	ng	100
40) Hexachlorocyclopentadiene	8.99	237	4614	11.060	ng	94

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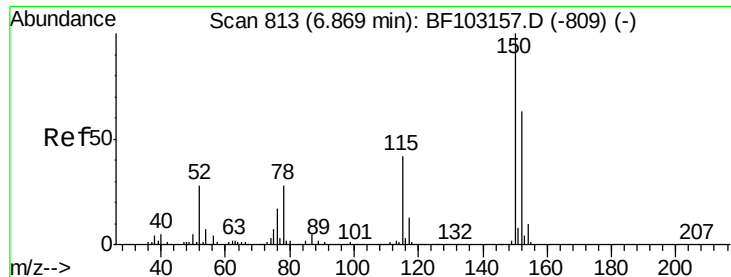
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	113672	31.620	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	116140	28.089	ng	98
45) 1,1'-Biphenyl	9.32	154	540811	33.024	ng	99
46) 2-Chloronaphthalene	9.35	162	416902	32.179	ng	100
47) 2-Nitroaniline	9.46	65	169464	35.312	ng	83
48) Acenaphthylene	9.76	152	625083	31.358	ng	100
49) Dimethylphthalate	9.62	163	499150	31.838	ng	99
50) 2,6-Dinitrotoluene	9.69	165	99808	30.337	ng	# 78
51) Acenaphthene	9.93	154	357174	30.728	ng	99
52) 3-Nitroaniline	9.88	138	110952	26.581	ng	96
53) 2,4-Dinitrophenol	10.05	184	6769	14.632	ng	# 1
54) Dibenzofuran	10.10	168	538908	33.774	ng	# 90
55) 4-Nitrophenol	10.10	139	341655	132.066	ng	# 20
56) 2,4-Dinitrotoluene	10.12	165	121898	29.295	ng	# 72
57) Fluorene	10.45	166	404864	29.786	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	81806	29.452	ng	97
59) Diethylphthalate	10.31	149	490145	32.688	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	185022	32.099	ng	95
61) 4-Nitroaniline	10.50	138	113867	27.312	ng	96
62) Azobenzene	10.60	77	492113	32.243	ng	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	12641	11.221	ng	# 66
65) n-Nitrosodiphenylamine	10.56	169	359246	34.744	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	101537	32.823	ng	98
67) Hexachlorobenzene	11.00	284	98063	29.206	ng	99
68) Atrazine	11.09	200	100354	32.291	ng	97
69) Pentachlorophenol	11.22	266	57545	35.446	ng	99
70) Phenanthrene	11.42	178	511953	31.326	ng	98
71) Anthracene	11.47	178	568500	33.923	ng	100
72) Carbazole	11.64	167	517158	30.989	ng	99
73) Di-n-butylphthalate	11.94	149	1001049	47.938	ng	99
74) Fluoranthene	12.62	202	495067	30.145	ng	98
76) Benzidine	12.75	184	200800	28.232	ng	96
77) Pyrene	12.85	202	483953	32.627	ng	99
79) Butylbenzylphthalate	13.45	149	259612	33.127	ng	96
80) Benzo(a)anthracene	14.04	228	378739	30.682	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	141587	32.140	ng	98
82) Chrysene	14.09	228	390126	32.549	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	347877	32.894	ng	99
84) Di-n-octyl phthalate	14.62	149	593773	34.750	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	344589	36.315	ng	98
87) Benzo(b)fluoranthene	15.13	252	346810	28.576	ng	98
88) Benzo(k)fluoranthene	15.16	252	400559	35.050	ng	99
89) Benzo(a)pyrene	15.51	252	345867	31.913	ng	99
90) Dibenzo(a,h)anthracene	17.12	278	292632	34.944	ng	97
91) Benzo(g,h,i)perylene	17.60	276	274852	33.581	ng	99

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



#1

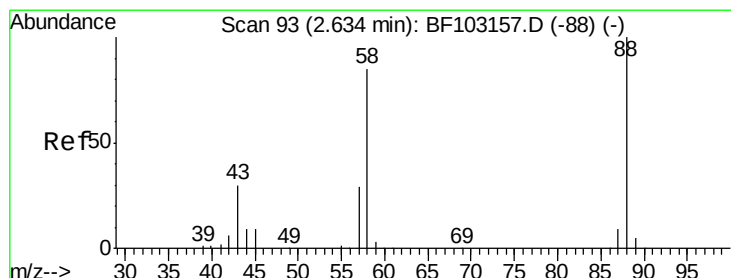
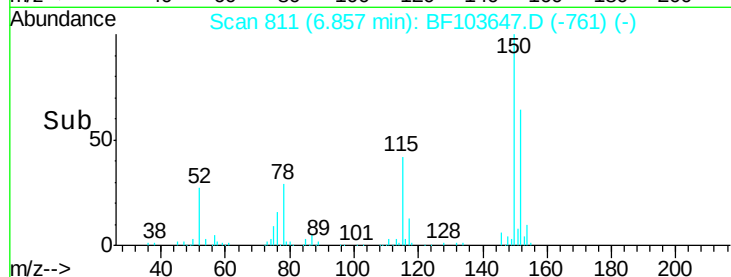
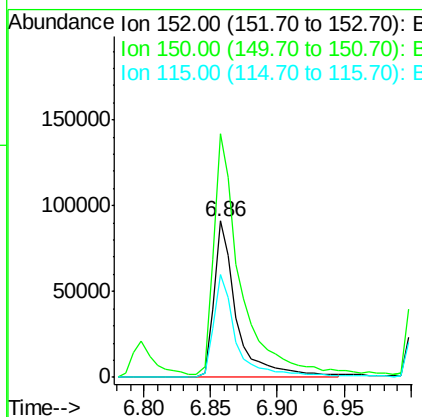
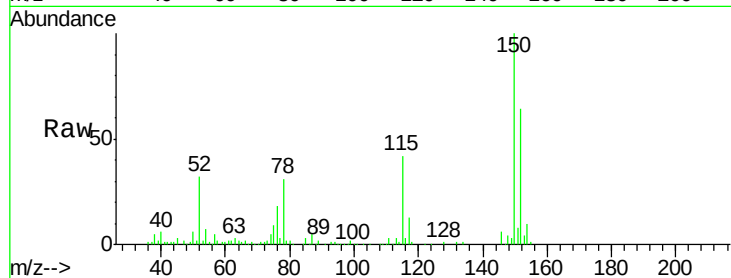
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	65.3	50.1	75.1

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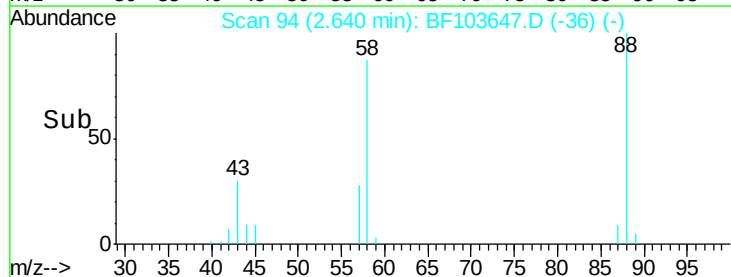
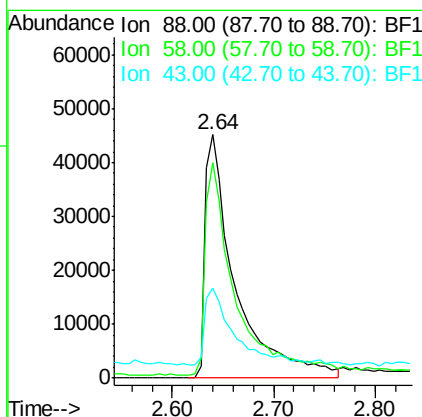
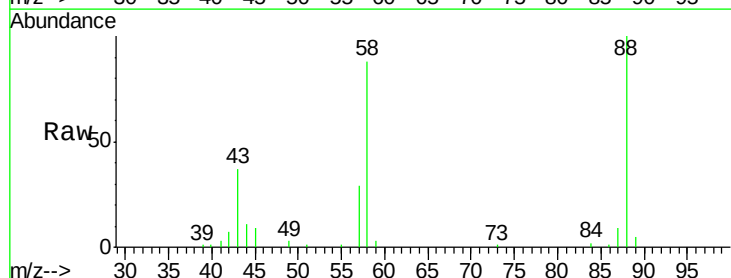
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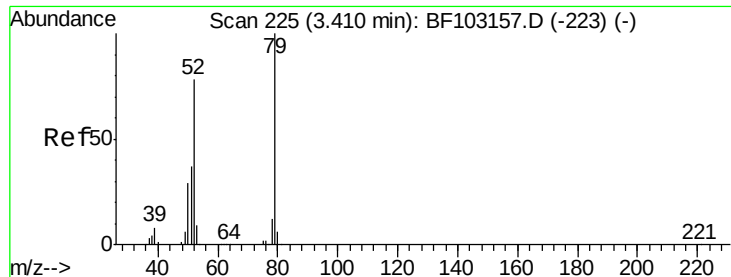


#2

1,4-Dioxane
Concen: 24.212 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.04 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.9	62.6	93.8
43	30.7	24.6	37.0





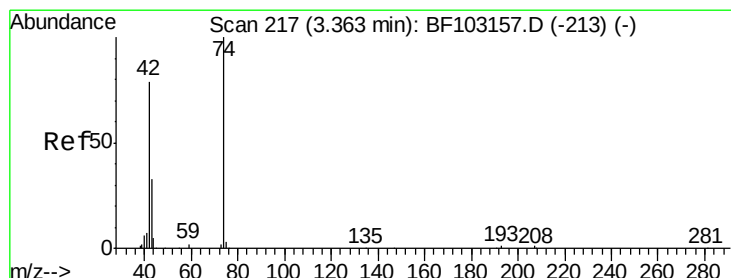
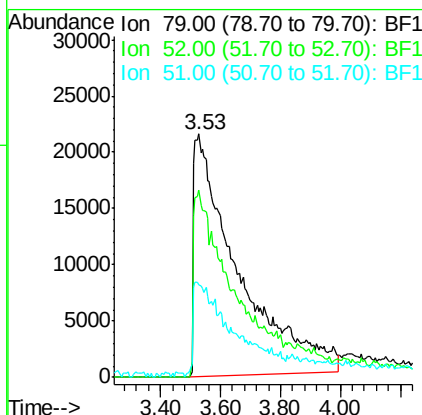
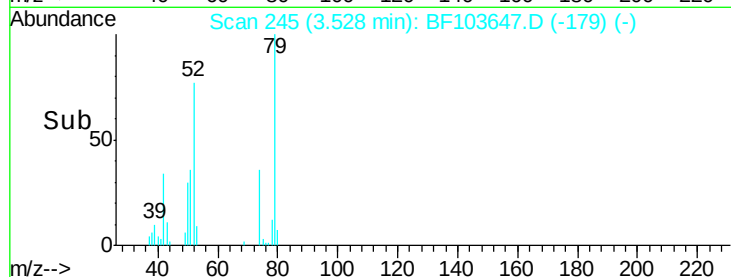
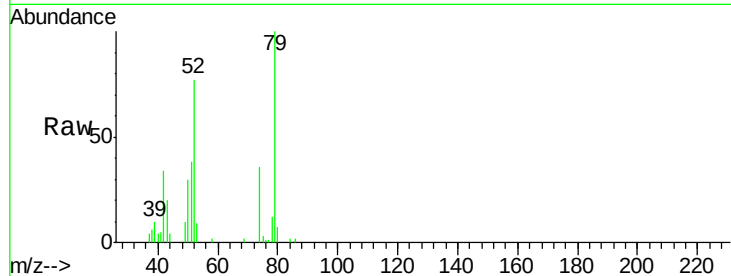
#3
 Pvridine
 Concen: 21.547 ng m
 RT: 3.53 min Scan# 245
 Delta R.T. 0.09 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion:	79	Resp:	222517
Ion Ratio	Lower	Upper	
79	100		
52	77.1	59.8	89.6
51	37.9	29.8	44.8

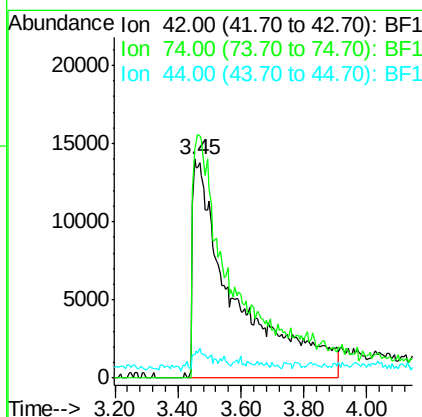
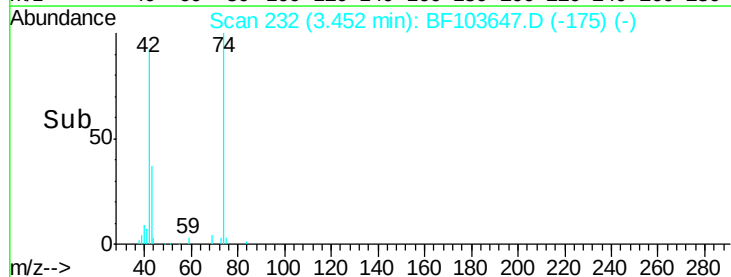
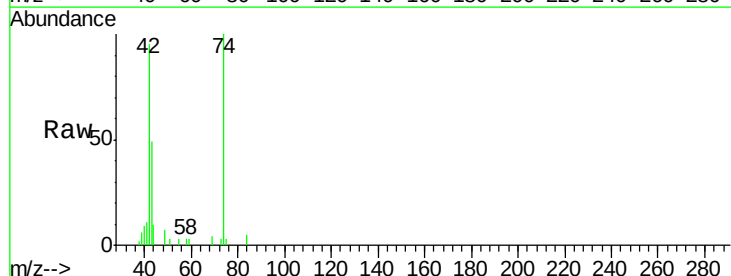
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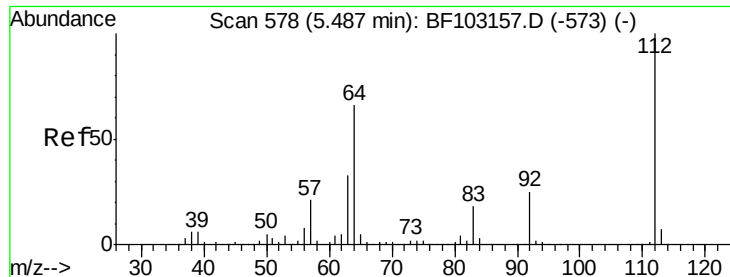
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#4
 n-Nitrosodimethylamine
 Concen: 31.691 ng m
 RT: 3.45 min Scan# 232
 Delta R.T. 0.04 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:	42	Resp:	131992
Ion Ratio	Lower	Upper	
42	100		
74	105.1	104.9	157.3
44	10.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 109.954 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

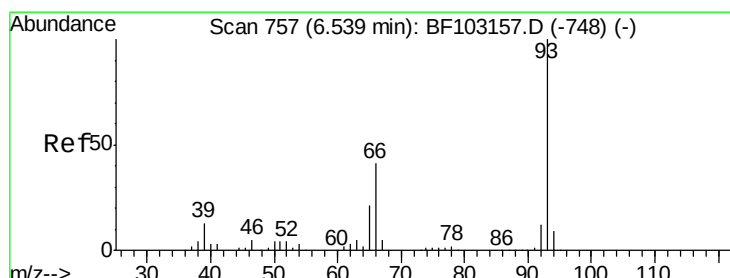
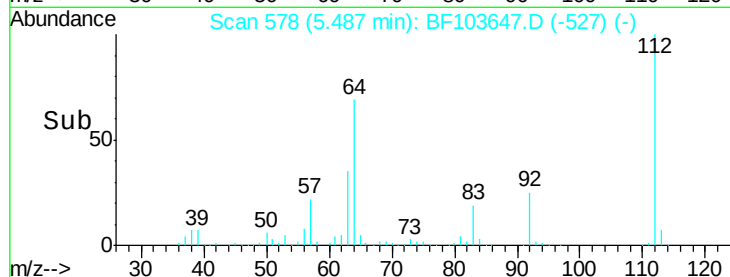
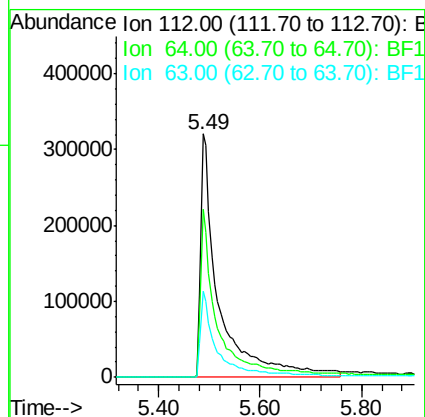
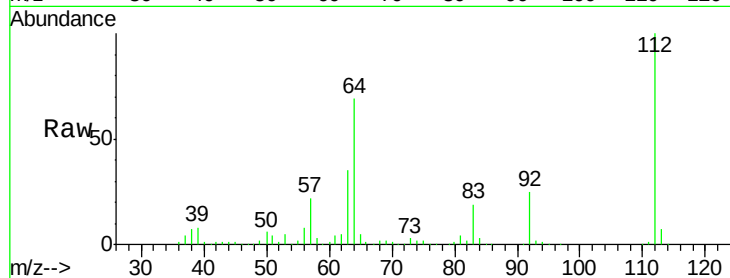
ClientSampleId :

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Tot Ion:	112	Resp:	805314
Ion Ratio	Lower	Upper	
112	100		
64	69.0	47.9	71.9
63	35.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 21.393 ng

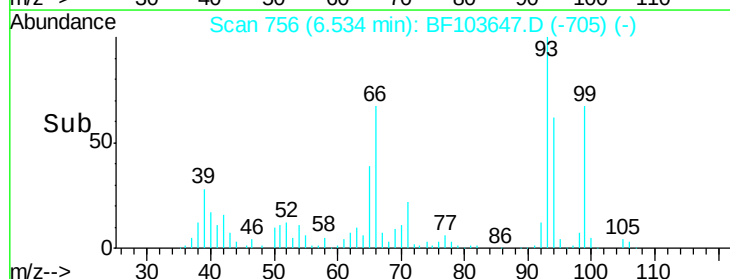
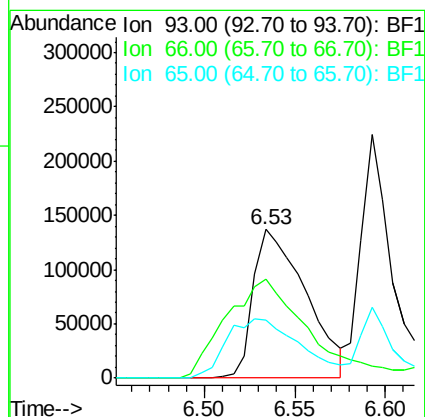
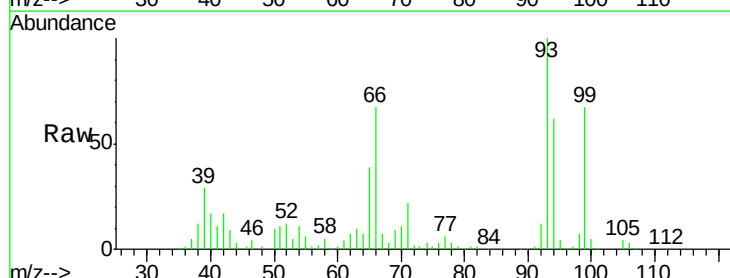
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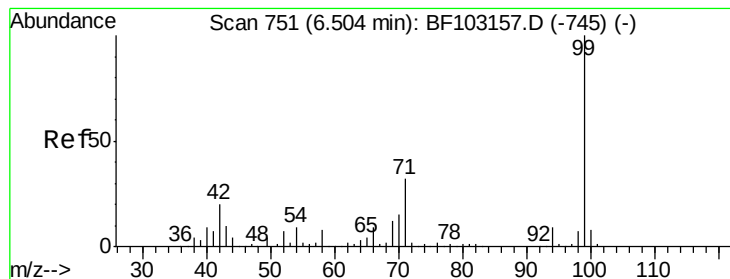
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	93	Resp:	276707
Ion Ratio	Lower	Upper	
93	100		
66	66.8	32.2	48.2#
65	39.0	16.4	24.6#





#7

Phenol-d6

Concen: 106.260 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

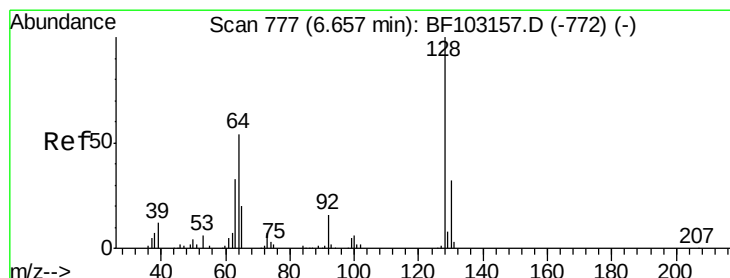
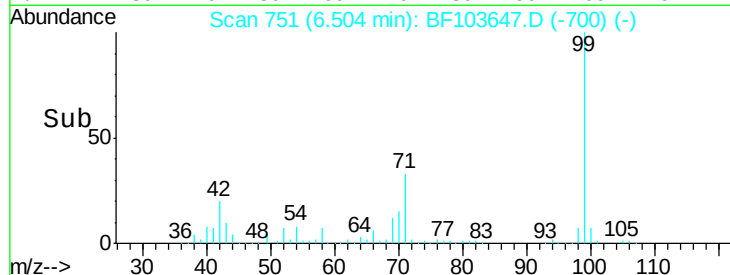
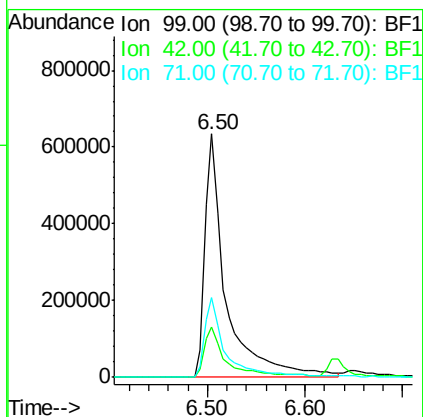
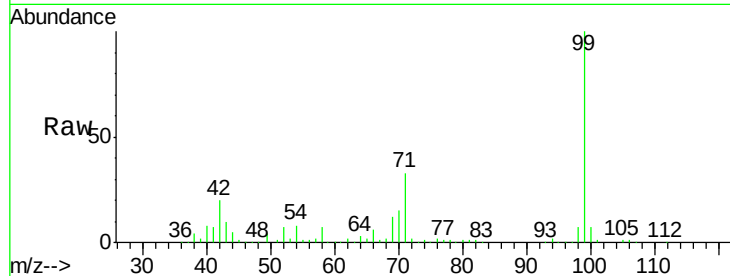
ClientSampleId :

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Tot Ion:	99	Resp:	952319
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	32.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 35.005 ng

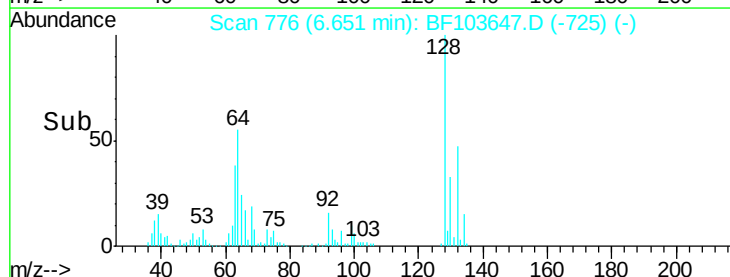
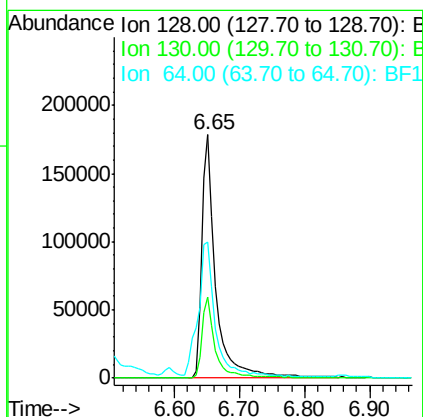
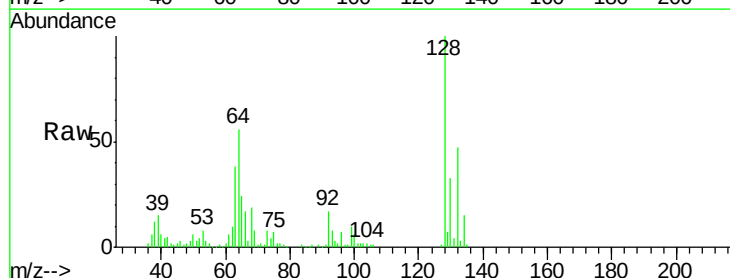
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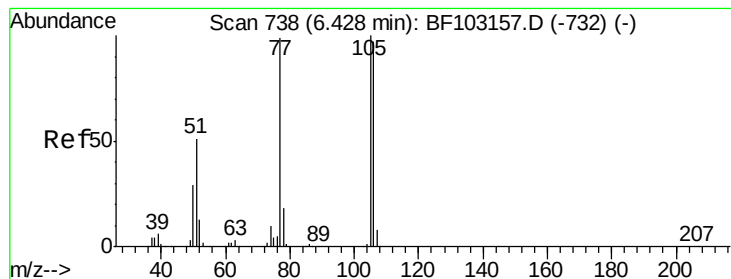
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	128	Resp:	266339
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.0	53.0
64	55.8	29.4	69.4





#9

Benzaldehyde

Concen: 14.735 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

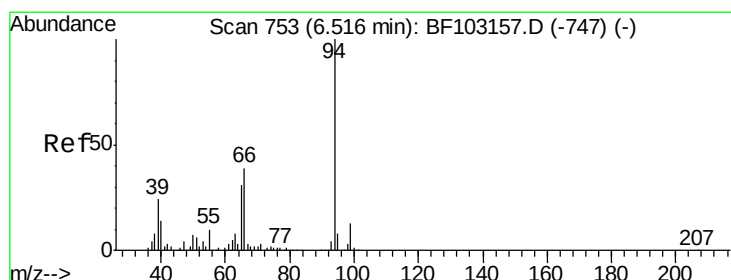
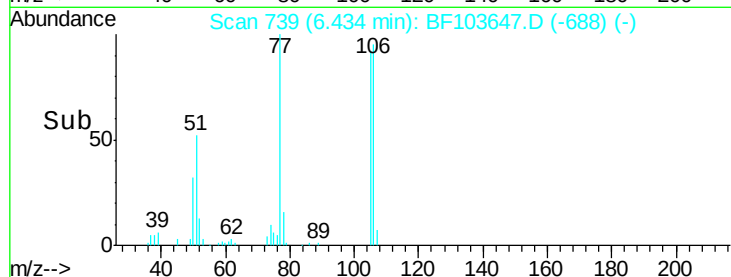
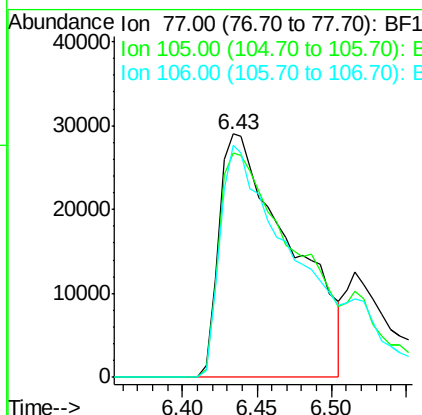
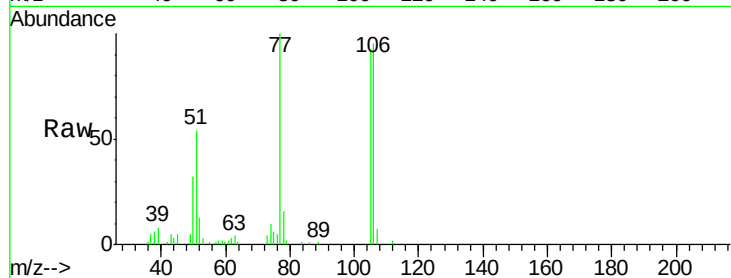
ClientSampleId :

TP-5B-COMPMS

Tot Ion:	77	Resp:	96606
Ion	Ratio	Lower	Upper
77	100		
105	92.4	81.1	121.1
106	95.5	74.5	114.5

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#10

Phenol

Concen: 36.481 ng

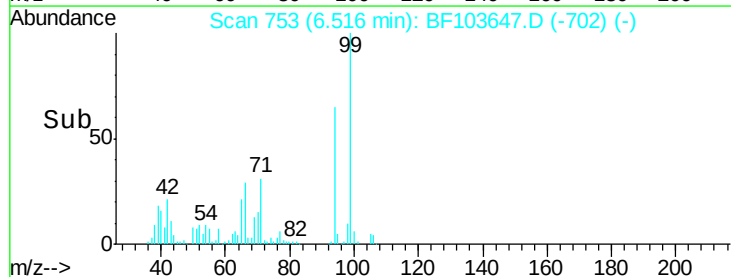
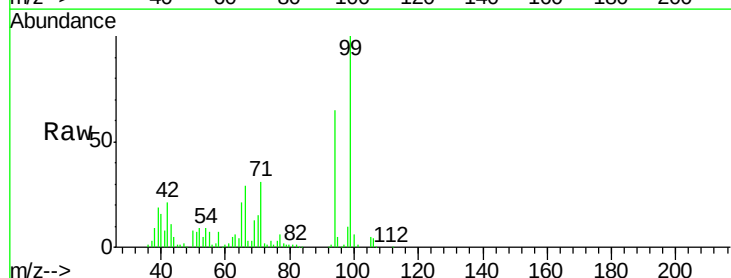
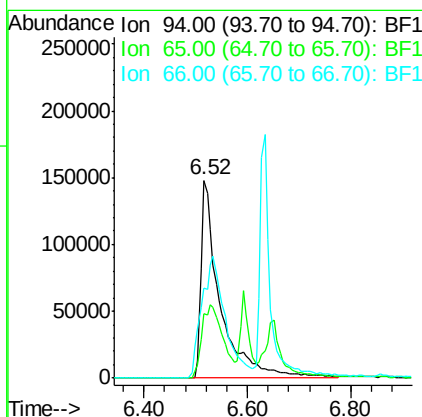
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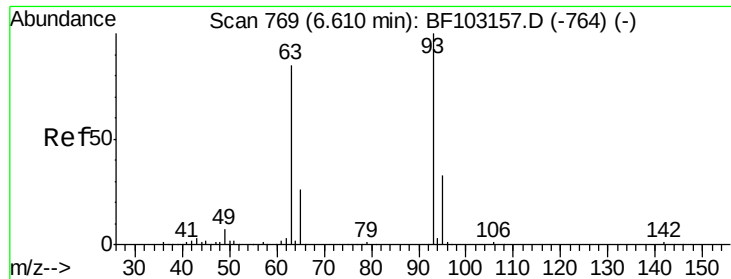
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	94	Resp:	379549
Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	45.3	16.2	56.2





#11

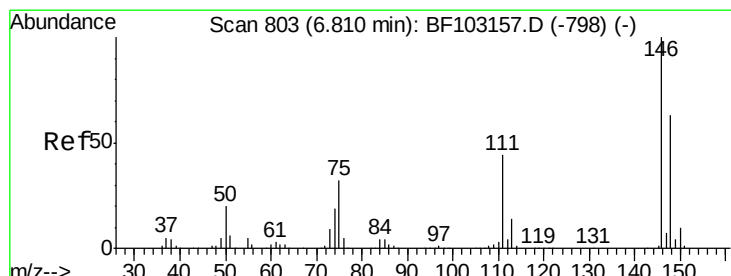
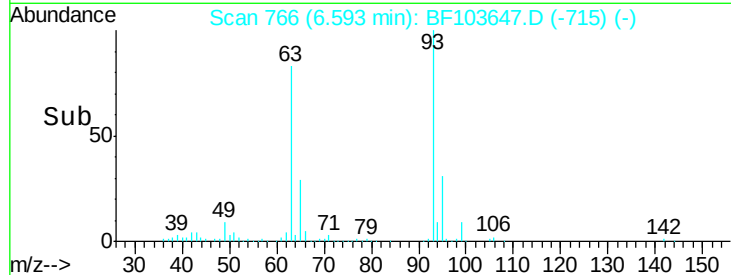
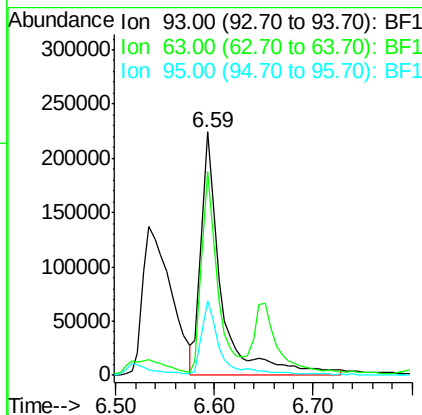
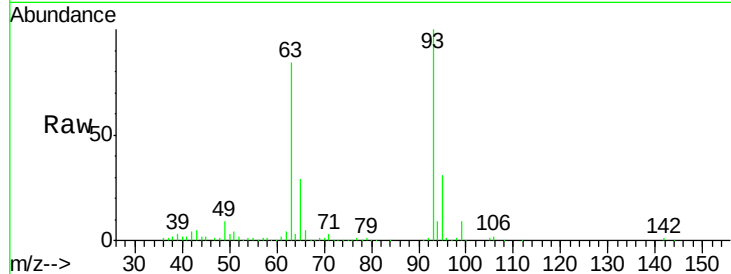
bis(2-Chloroethyl)ether
Concen: 40.698 ng/ml
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion:	93	Resp:	321372
Ion Ratio	Lower	Upper	
93	100		
63	83.6	58.6	98.6
95	30.9	11.8	51.8

Manual Integrations
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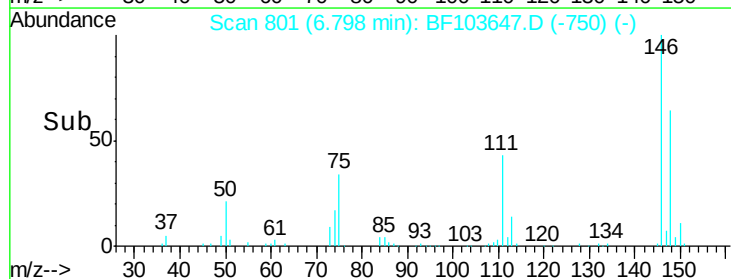
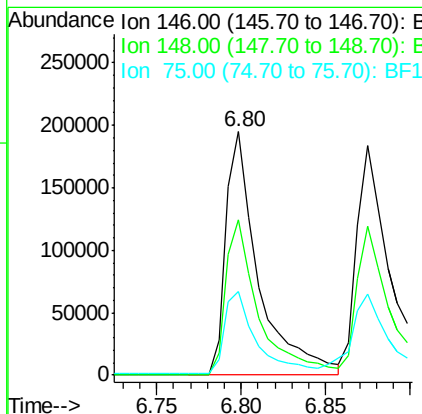
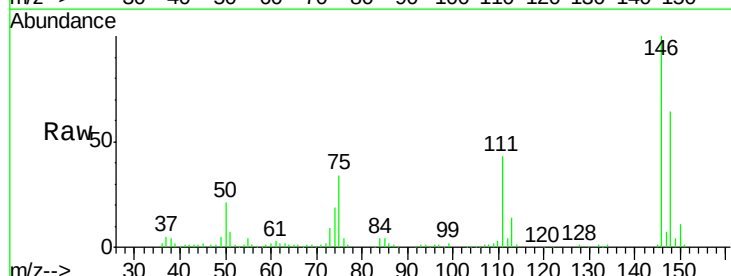
Sohil
3/15/2018 6:57:34 PM

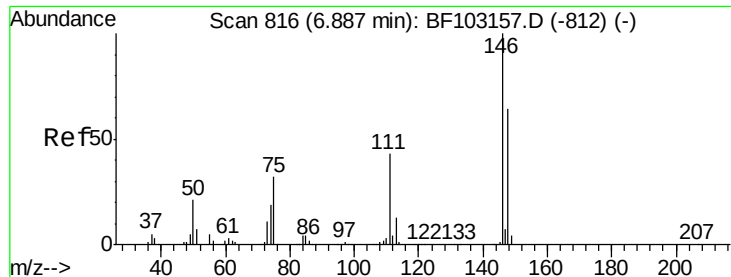


#12

1,3-Dichlorobenzene
Concen: 30.216 ng/ml
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:	146	Resp:	262720
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	34.3	24.2	36.4





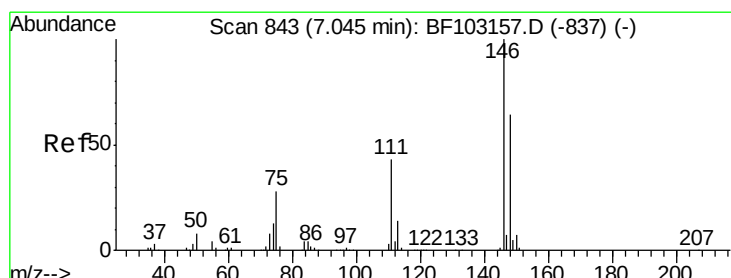
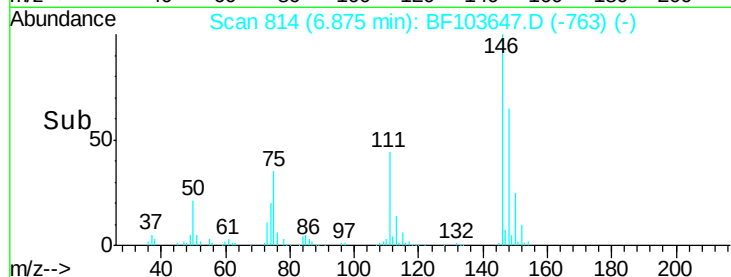
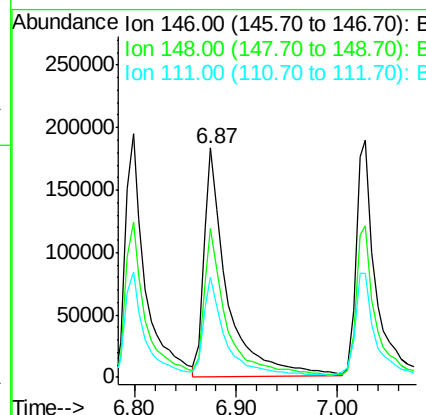
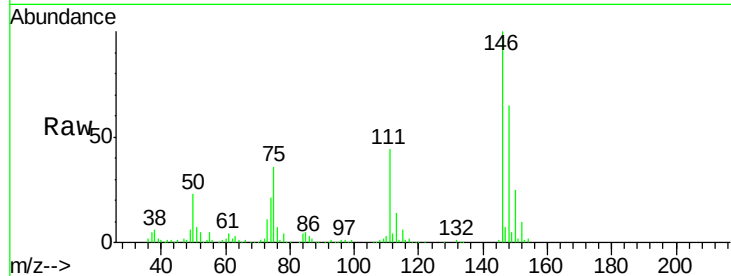
#13
1,4-Dichlorobenzene
Concen: 32.985 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	43.9	34.2	51.2

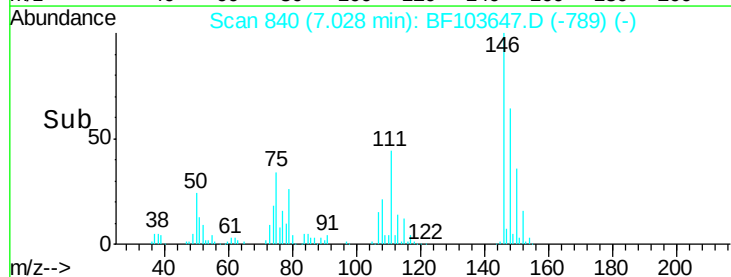
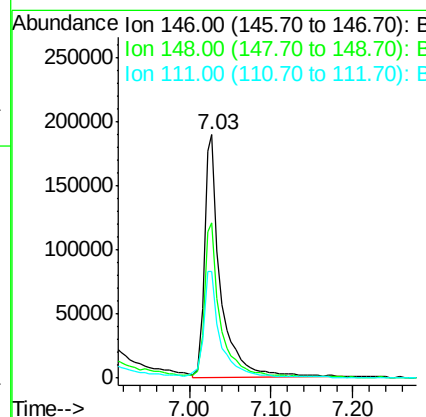
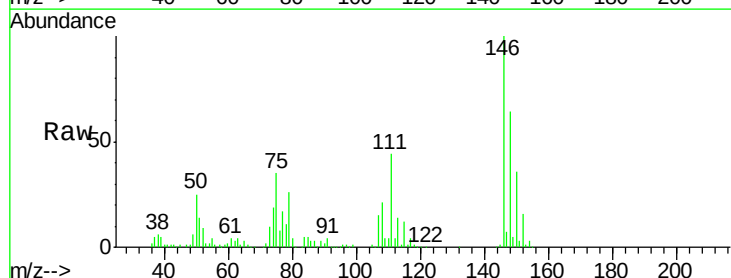
Manual Integrations
APPROVED

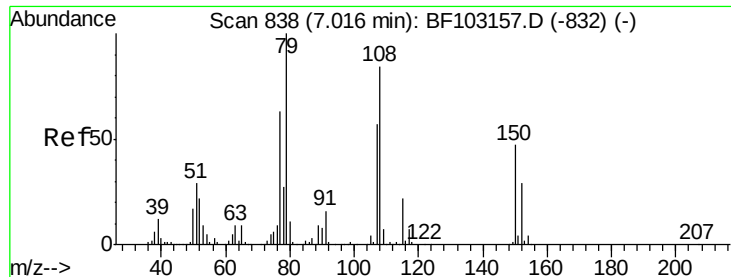
Sohil
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#14
1,2-Dichlorobenzene
Concen: 32.071 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	43.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.960 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMPMS

Tot Ion: 79 Resp: 202335

Ion Ratio Lower Upper

79 100

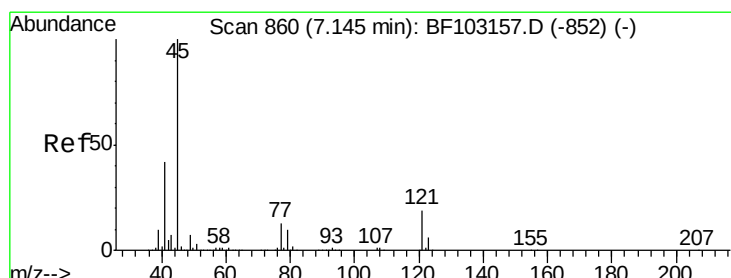
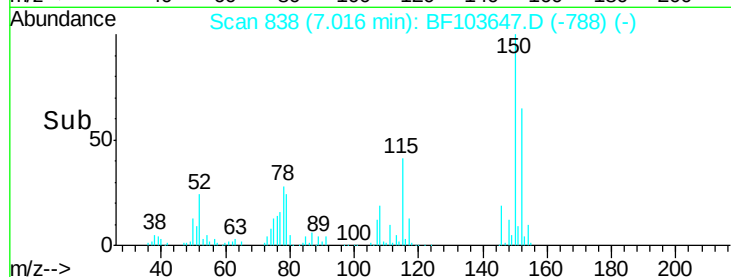
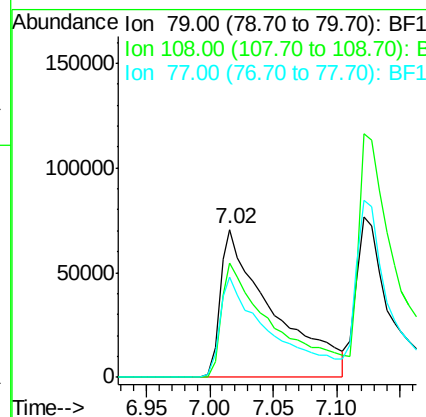
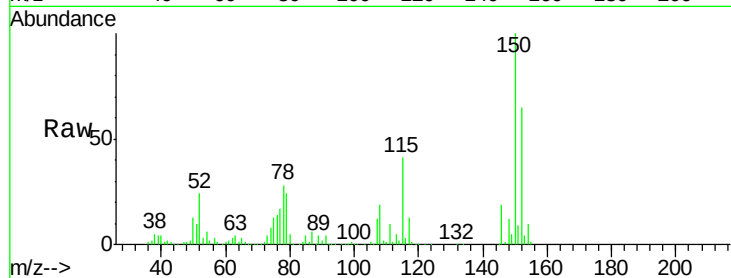
108 77.5 65.1 97.7

77 68.0 50.6 75.8

Manual Integrations
APPROVED

Sohil

3/15/2018 6:57:34 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.441 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

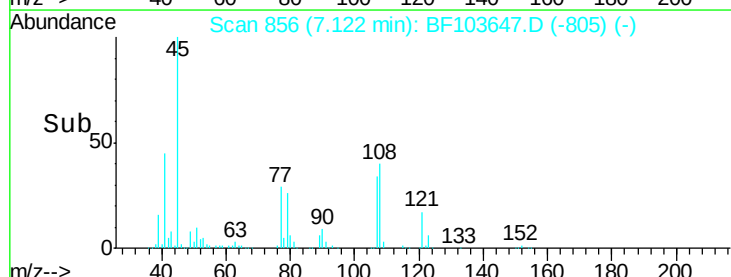
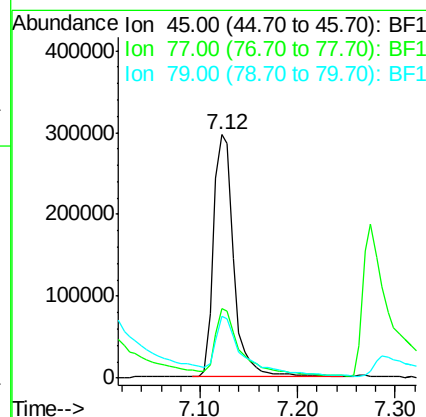
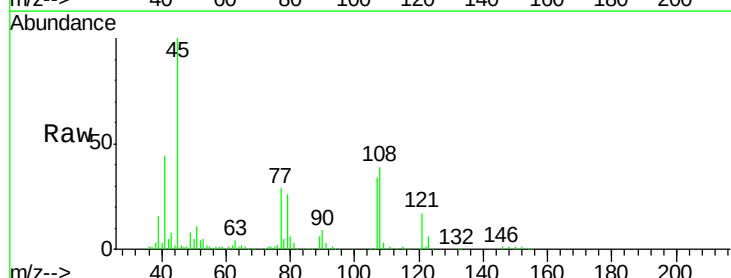
Tgt Ion: 45 Resp: 426329

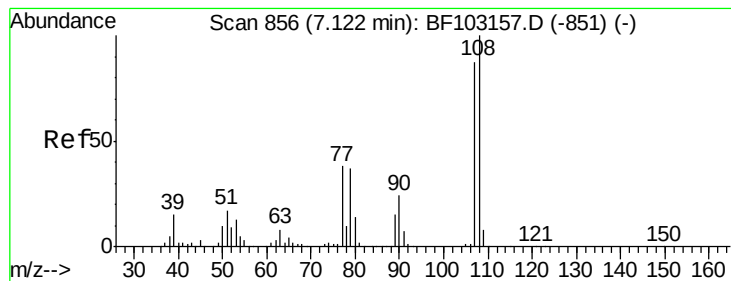
Ion Ratio Lower Upper

45 100

77 28.5 0.0 32.9

79 25.7 0.0 29.6





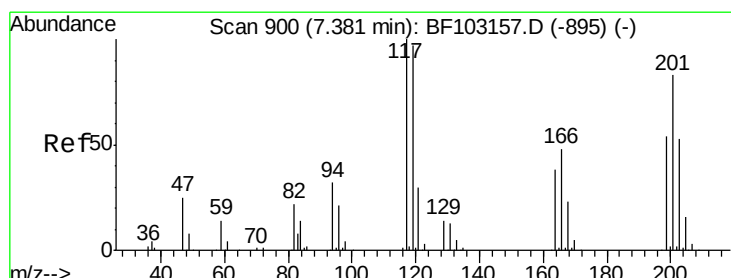
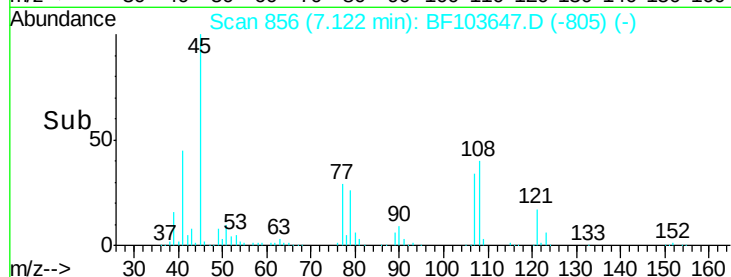
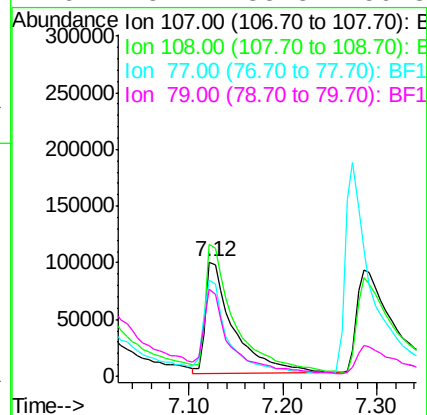
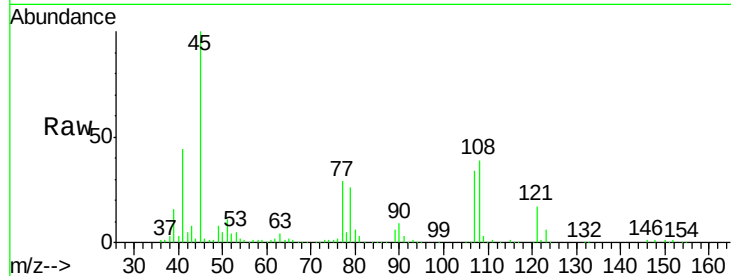
#17
2-Methylphenol
Concen: 30.150 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.7	137.5
77	84.0	33.8	50.8#
79	75.7	33.8	50.8#

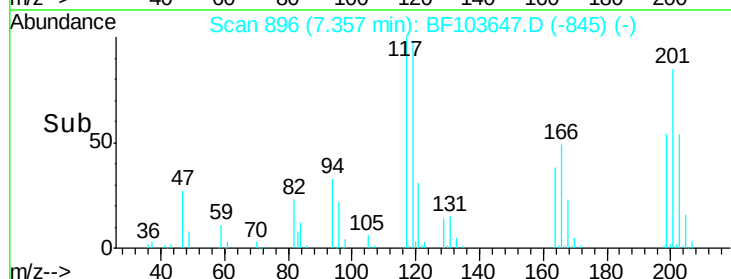
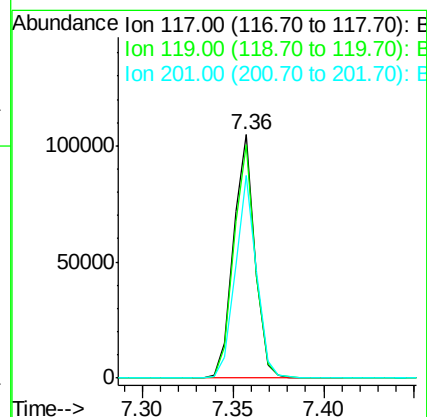
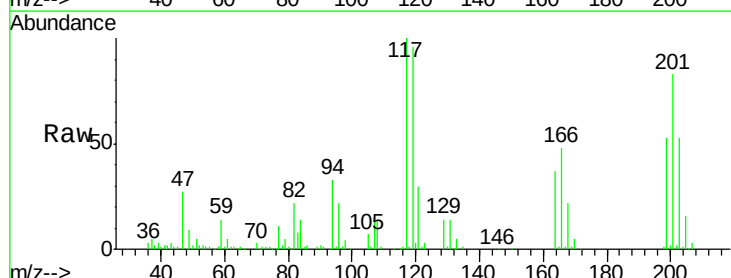
Manual Integrations
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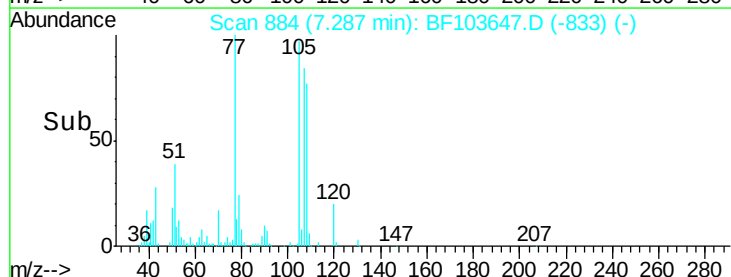
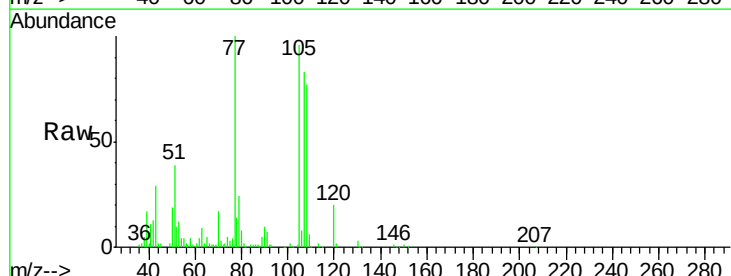
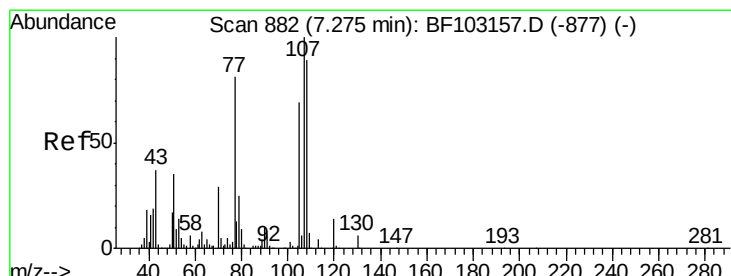
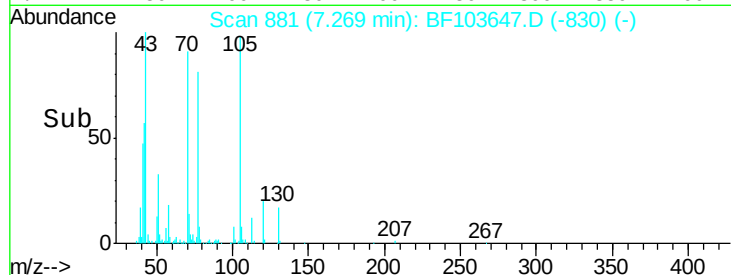
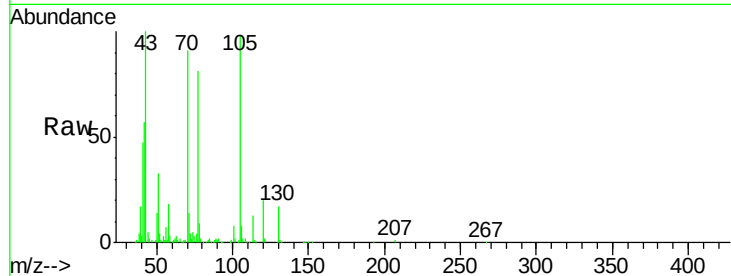
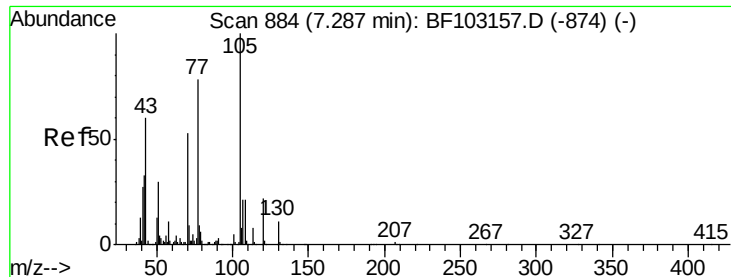
Sohil
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#18
Hexachloroethane
Concen: 27.239 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	83.4	75.7	113.5





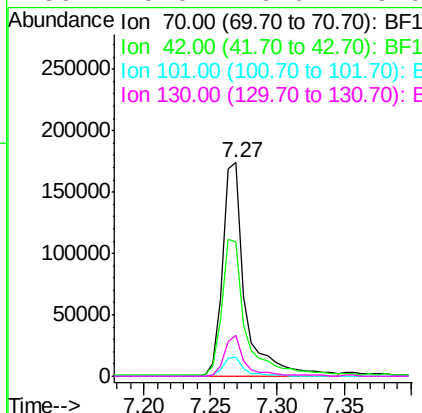
#19
n-Nitroso-di-n-propylamine
Concen: 37.422 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.5	71.3
101	9.2	7.4	11.2
130	19.0	16.6	25.0

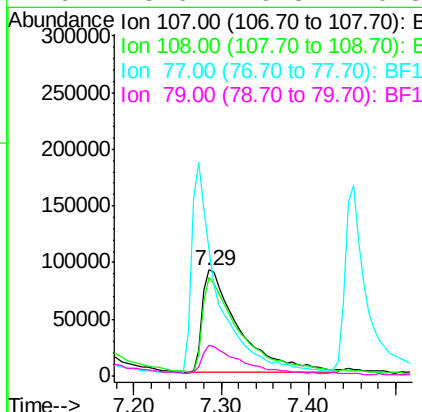
Manual Integrations
APPROVED

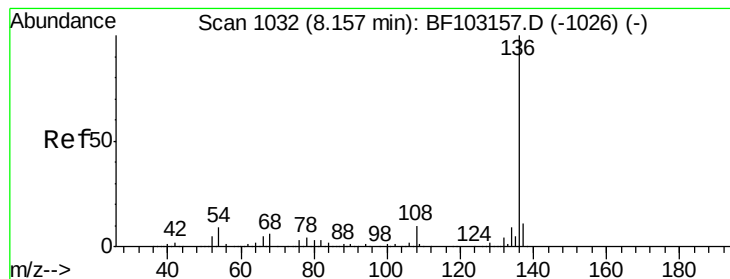
Sohil
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#20
3+4-Methylphenols
Concen: 31.672 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	119.8	26.7	66.7#
79	28.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

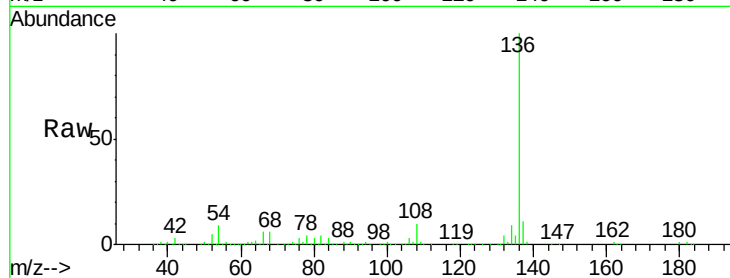
ClientSampleId :

TP-5B-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		464051		
137	10.8		8.9	13.3	
54	9.3		6.6	9.8	
68	6.2		5.0	7.4	

Manual Integrations
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3/15/2018 6:57:34 PM

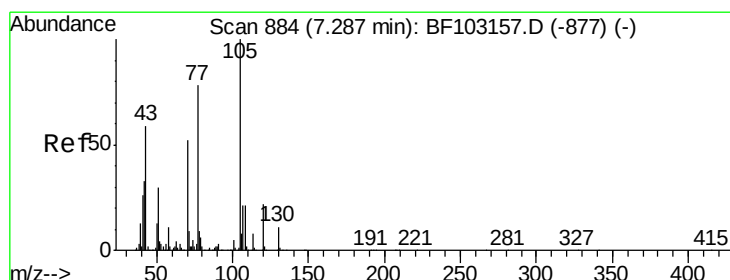
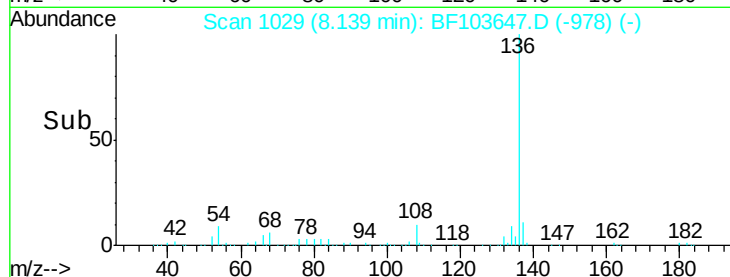
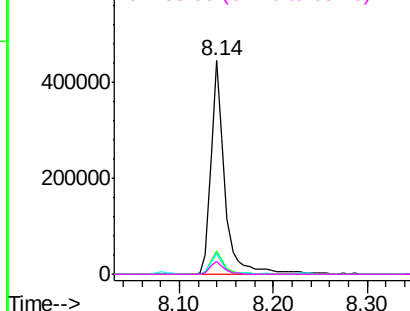


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.375 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

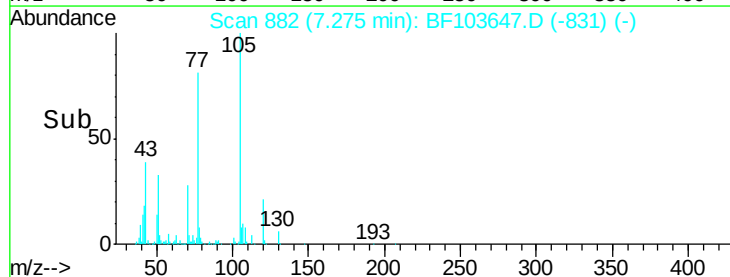
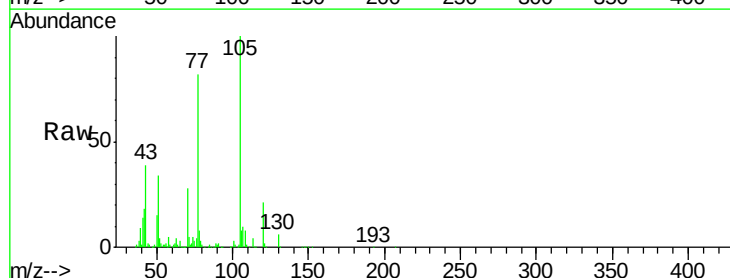
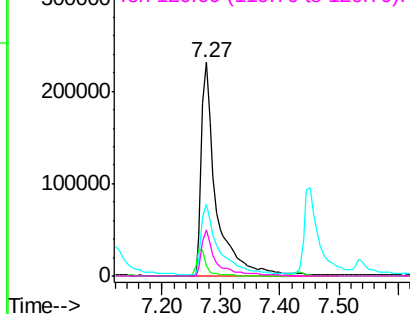
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		404836		
71	4.5		4.4	6.6	
51	33.7		22.3	33.5	
120	21.3		16.9	25.3	

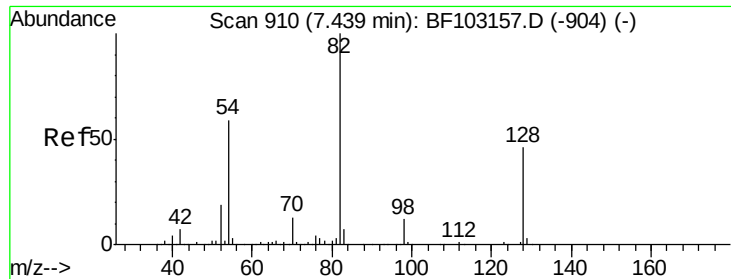
Abundance Ion 105.00 (104.70 to 105.70): E

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





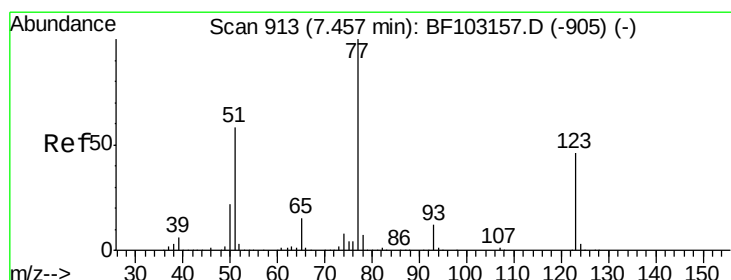
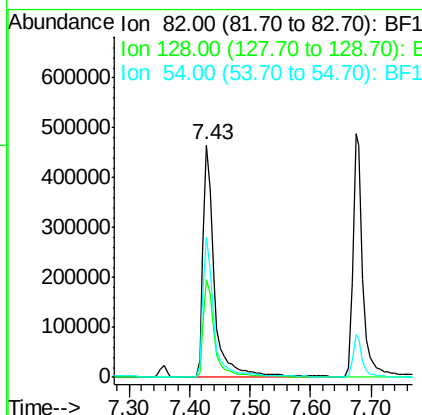
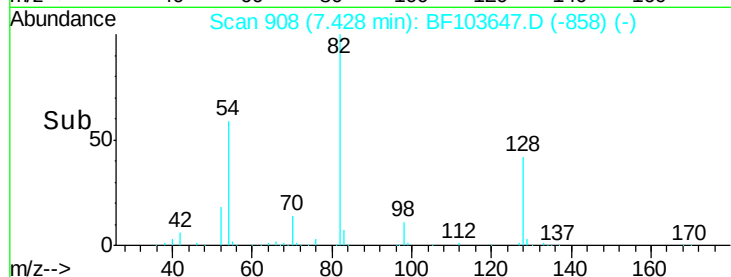
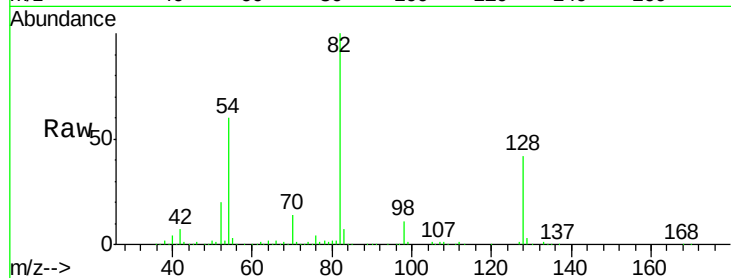
#23
 Nitrobenzene-d5
 Concen: 76.277 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	619808		
128	41.8	36.1	54.1	
54	60.1	41.4	62.2	

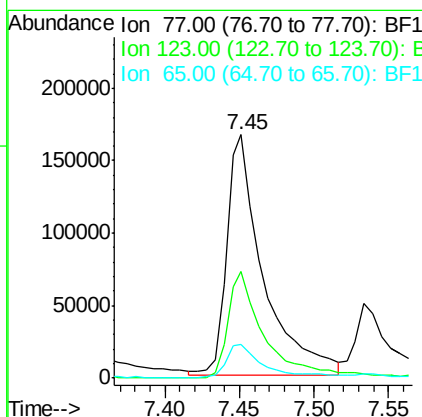
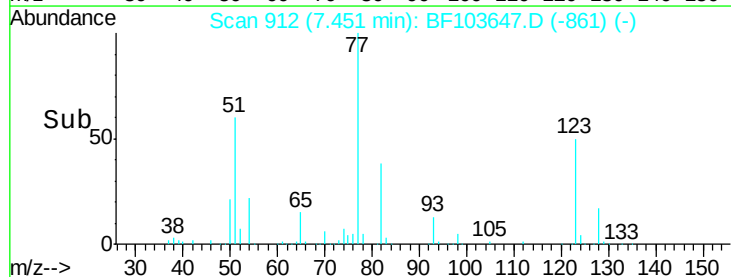
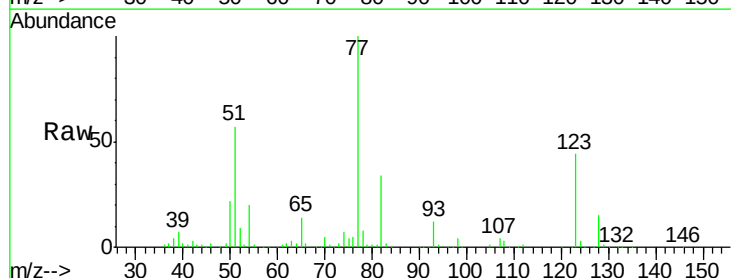
Manual Integrations
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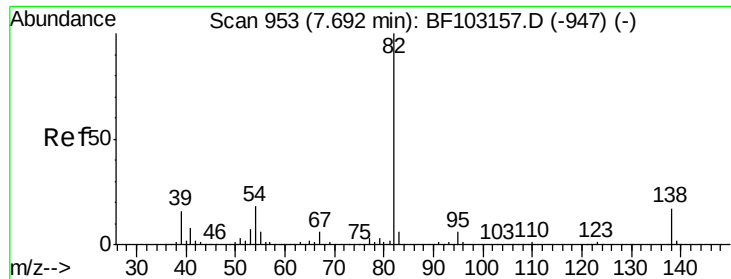
Sohil
 3/15/2018 6:57:34 PM



#24
 Nitrobenzene
 Concen: 31.699 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	283595		
123	44.0	37.9	56.9	
65	14.1	11.0	16.4	





#25

Isophorone

Concen: 35.690 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

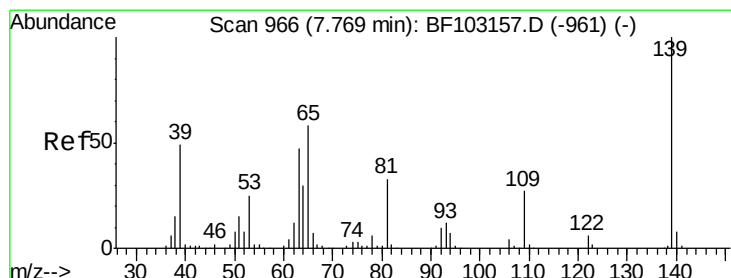
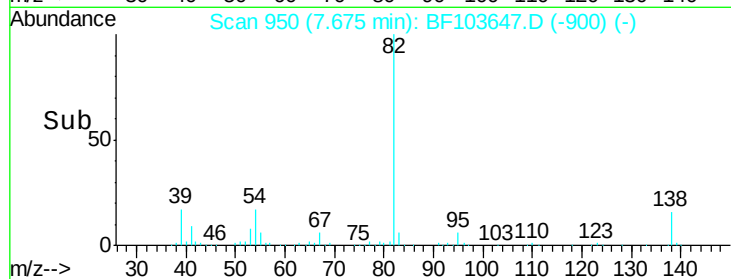
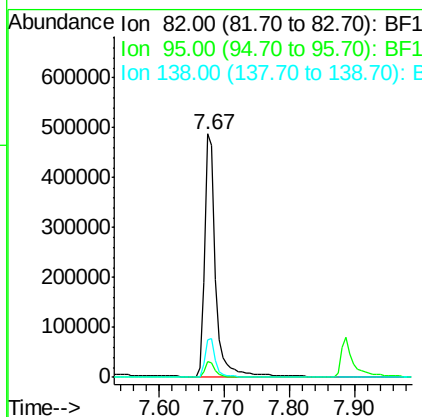
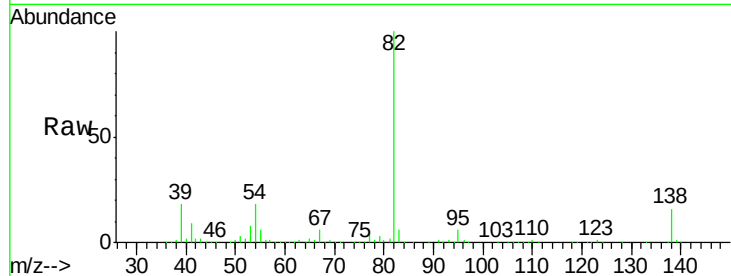
ClientSampleId :

TP-5B-COMPMS

Tot Ion:	82	Resp:	571179
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	15.5	14.9	22.3

Manual Integrations
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3/15/2018 6:57:34 PM



#26

2-Nitrophenol

Concen: 30.806 ng

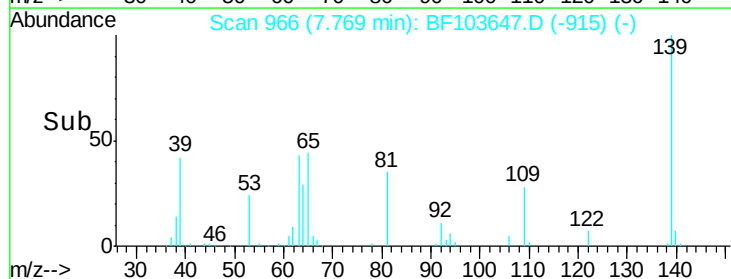
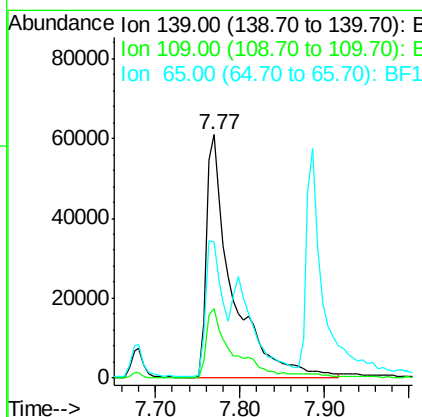
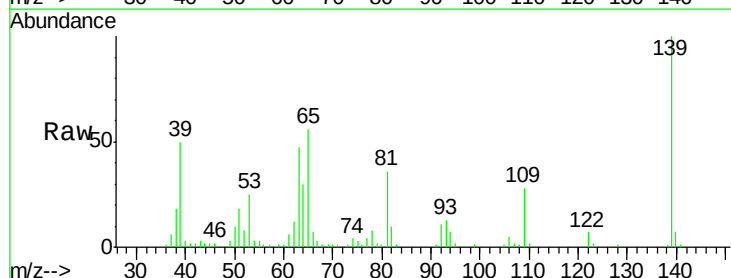
RT: 7.77 min Scan# 966

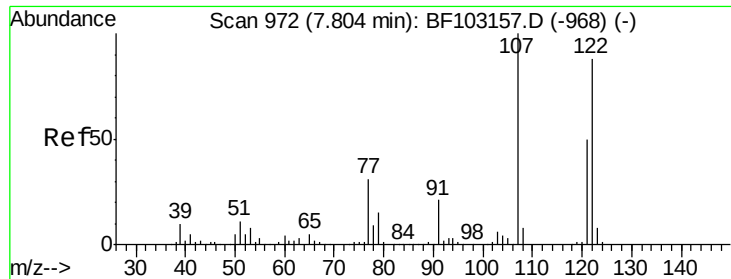
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	139	Resp:	129747
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	55.8	40.5	60.7





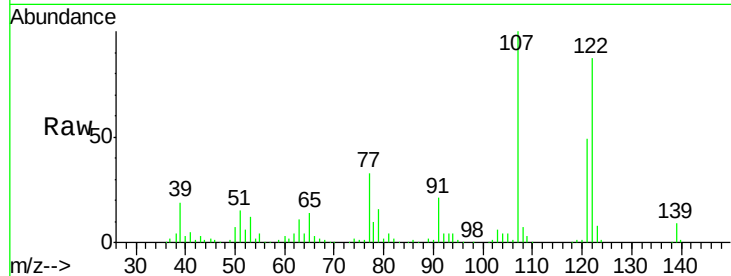
#27
2,4-Dimethylphenol
Concen: 35.614 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

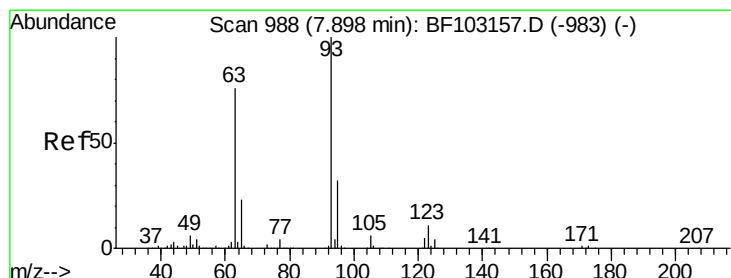
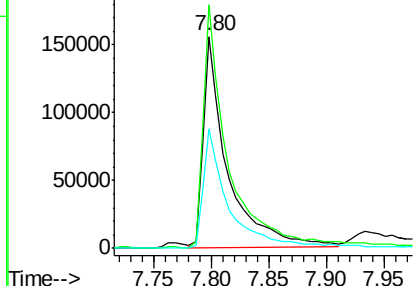
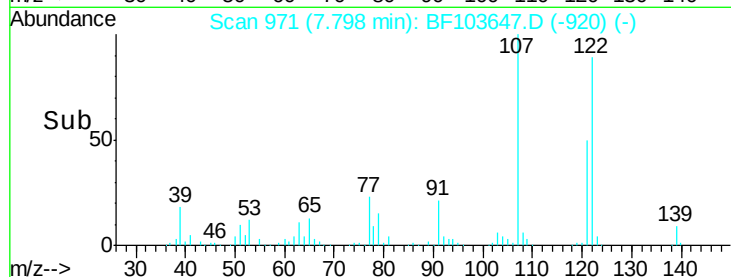
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	91.2	136.8
121	56.5	47.2	70.8

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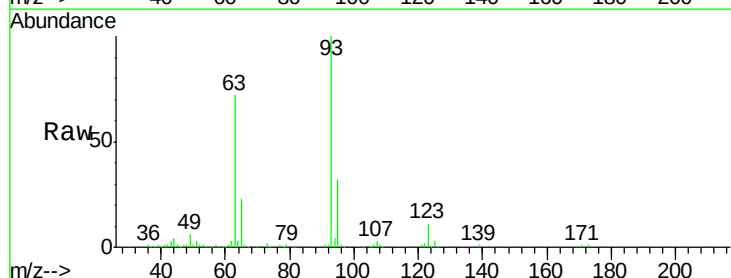


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

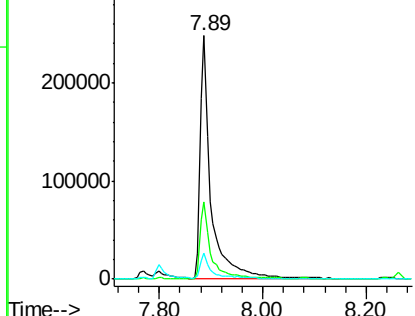
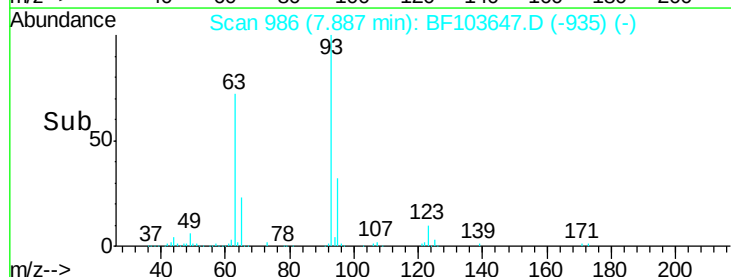


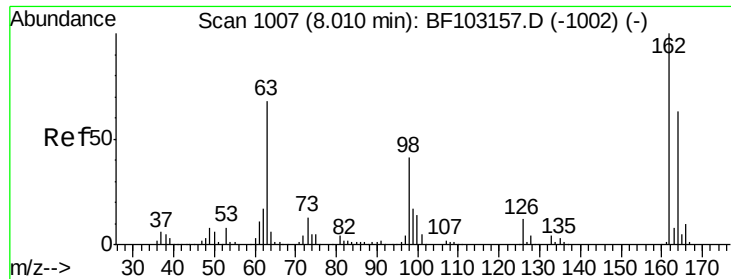
#28
bis(2-Chloroethoxy)methane
Concen: 37.523 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	10.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





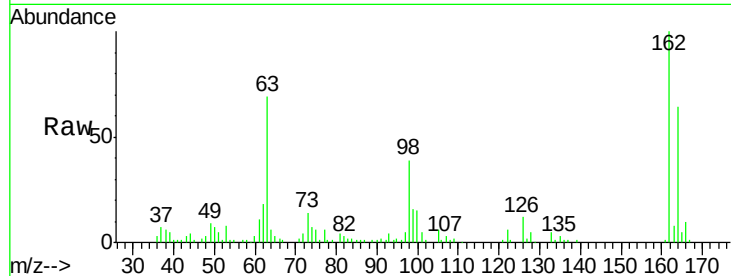
#29
 2,4-Dichlorophenol
 Concen: 33.953 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	209268		
164	64.0	42.7	82.7	
98	38.8	18.1	58.1	

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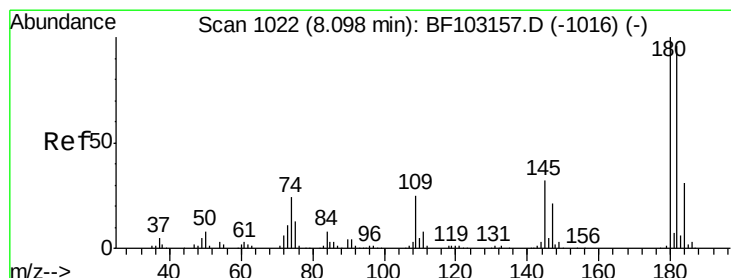
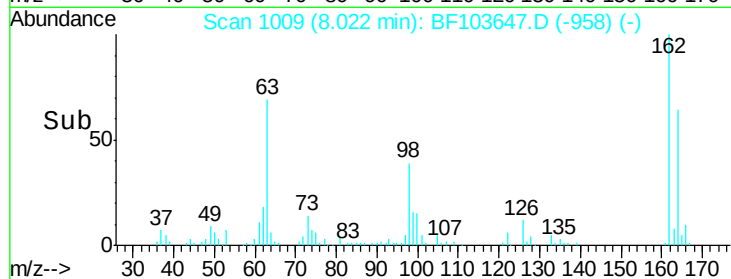
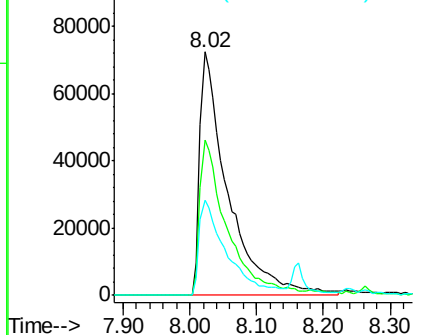


Abundance

Ion 162.00 (161.70 to 162.70): E

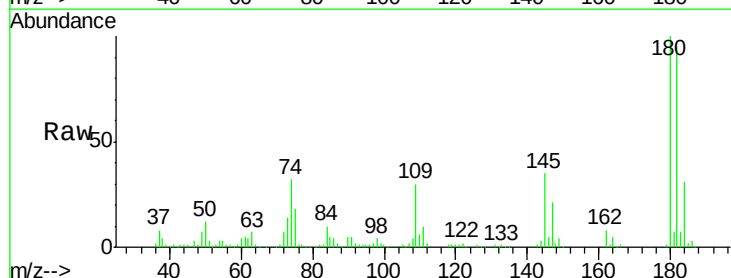
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 31.264 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205203		
182	94.8	76.8	115.2	
145	35.3	26.5	39.7	

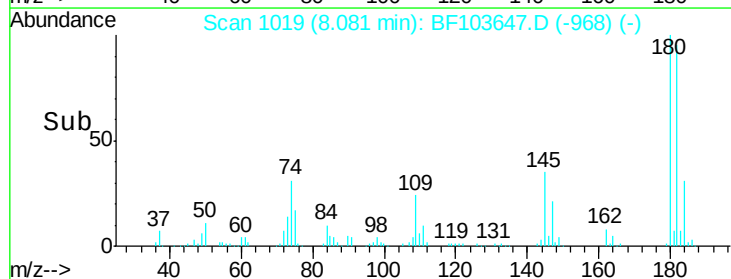
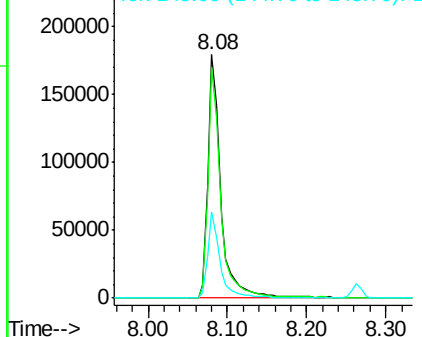


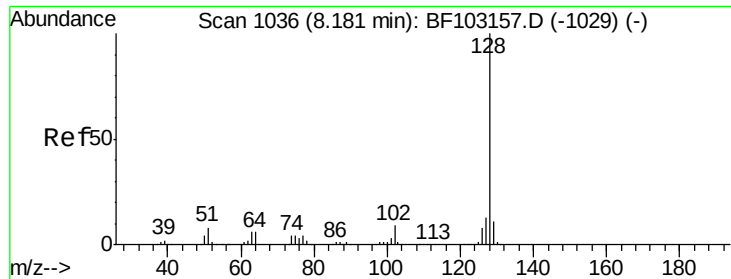
Abundance

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





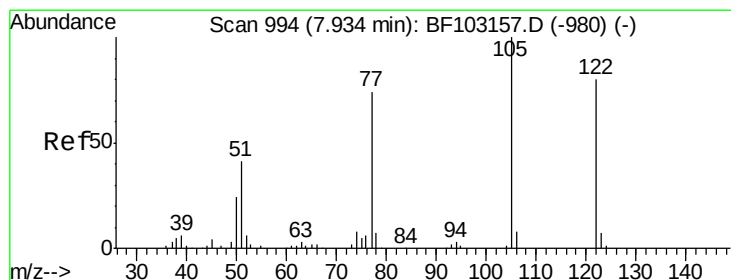
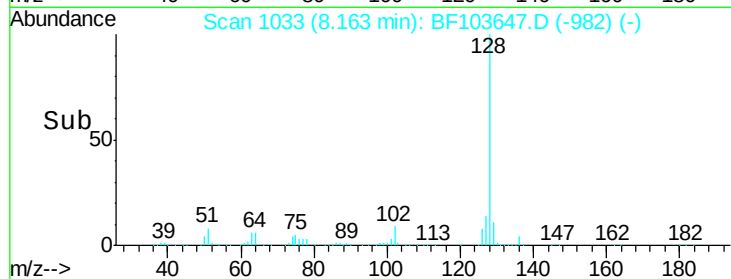
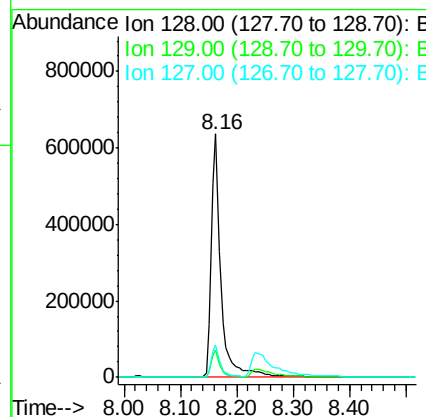
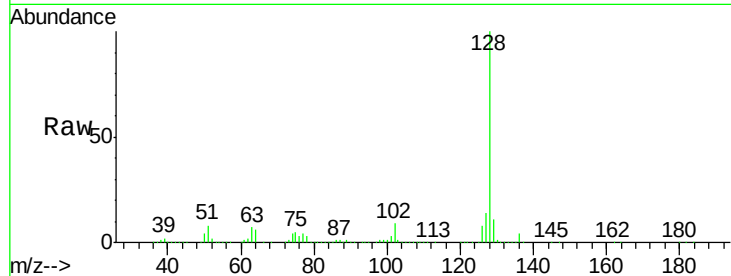
#31
Naphthalene
Concen: 33.593 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3

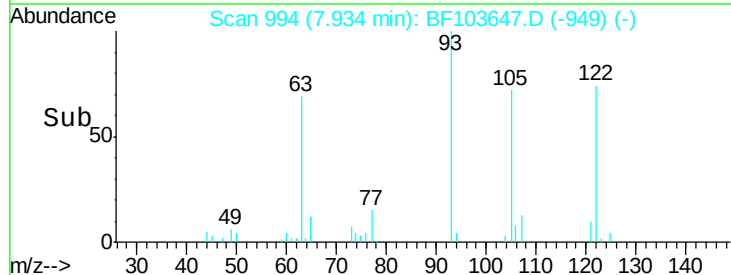
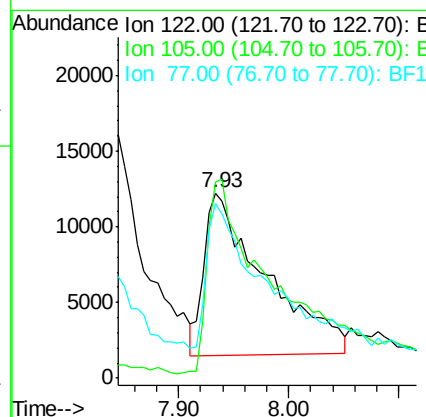
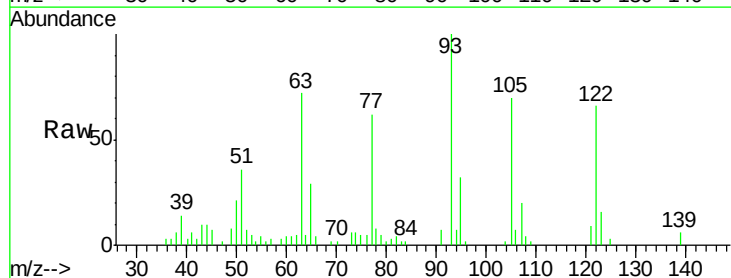
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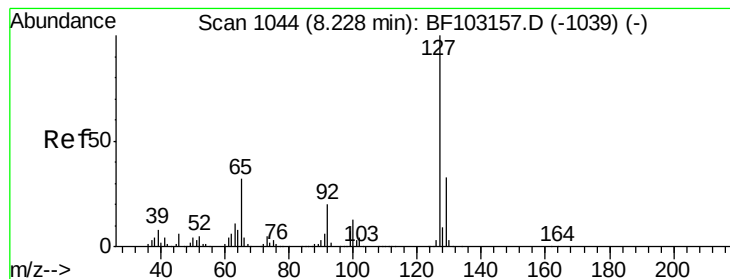
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#32
Benzoic acid
Concen: 14.354 ng m
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.2	101.1	141.1
77	94.4	70.7	110.7





#33

4-Chloroaniline

Concen: 19.558 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

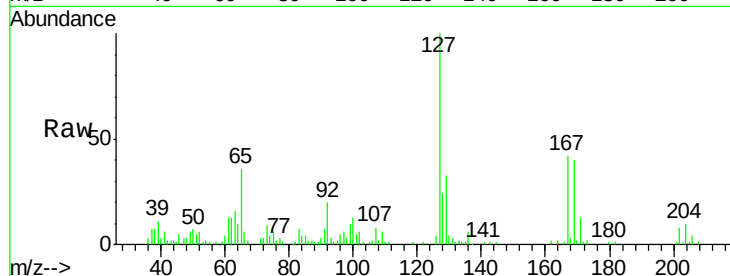
ClientSampleId :

TP-5B-COMPMS

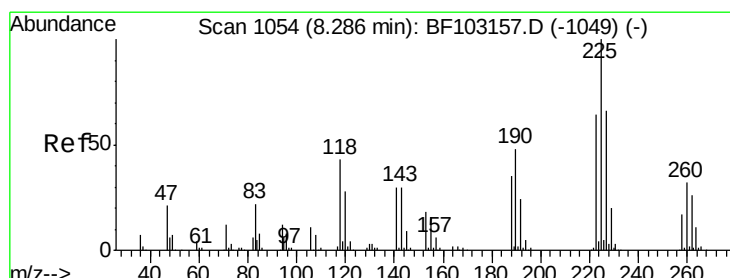
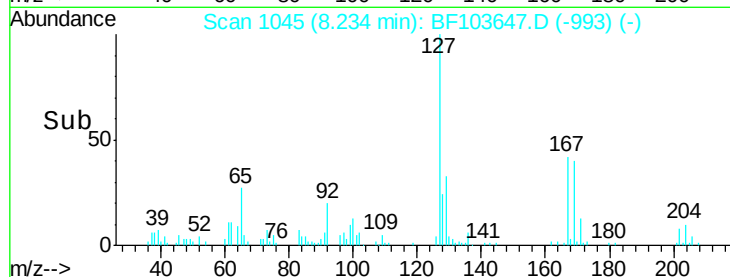
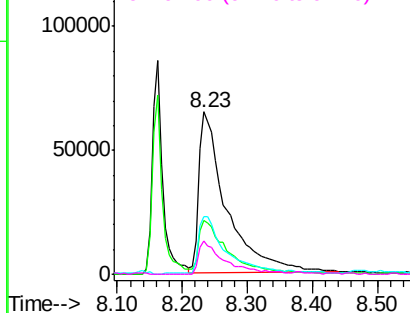
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		191743		
129	33.1	25.9	38.9		
65	35.7	25.0	37.4		
92	20.3	15.2	22.8		

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Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 29.334 ng

RT: 8.26 min Scan# 1050

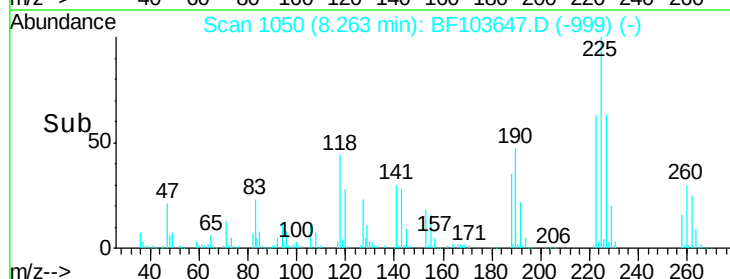
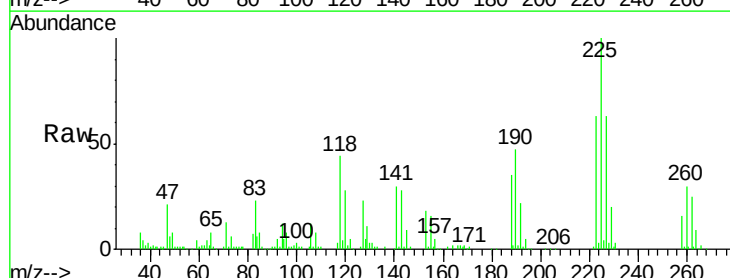
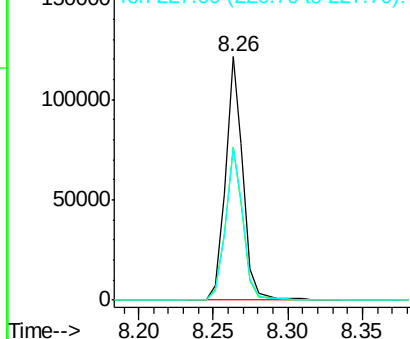
Delta R.T. 0.00 min

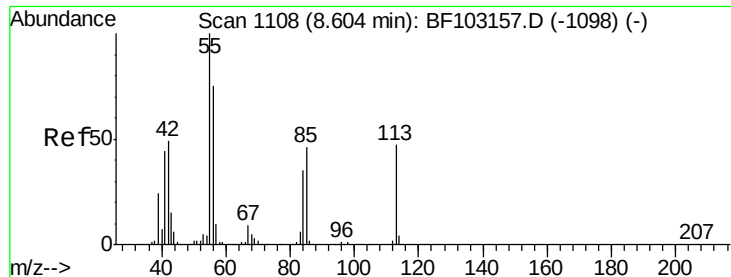
Lab File: BF103647.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		100259		
223	62.8	50.6	76.0		
227	62.5	51.9	77.9		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.980 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

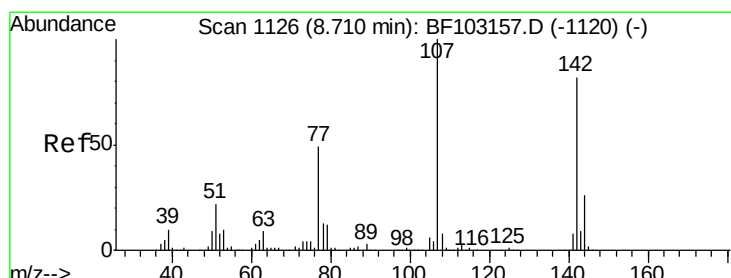
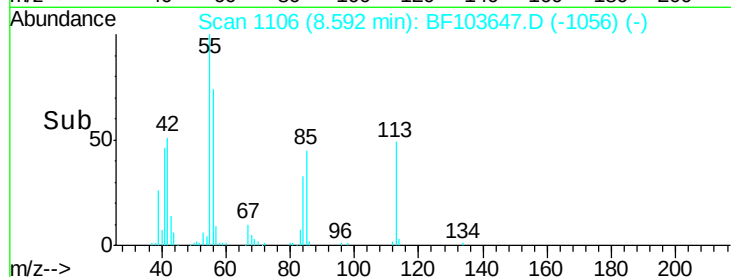
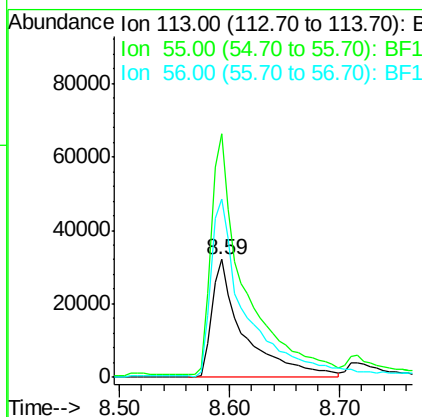
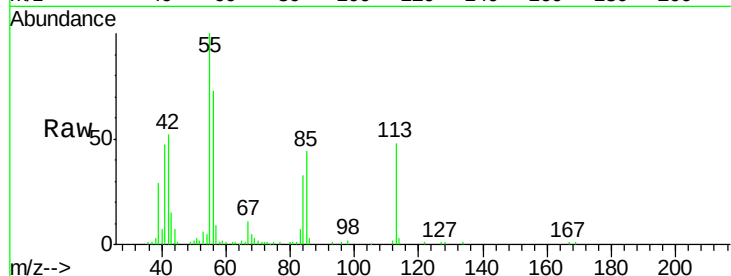
ClientSampleId :

TP-5B-COMPMS

Tot Ion:113 Resp: 64943
 Ion Ratio Lower Upper
 113 100
 55 206.7 163.3 203.3#
 56 151.9 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 34.339 ng

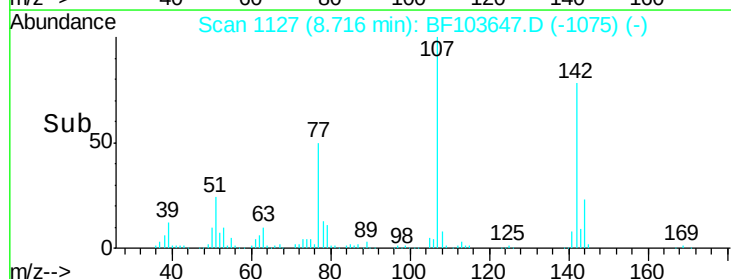
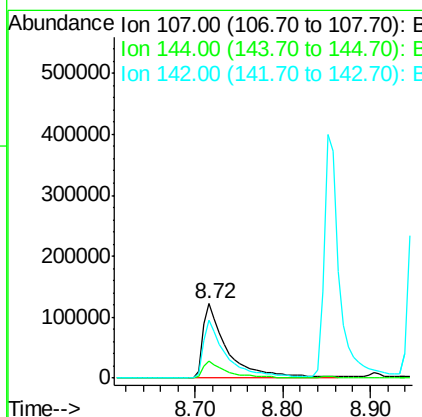
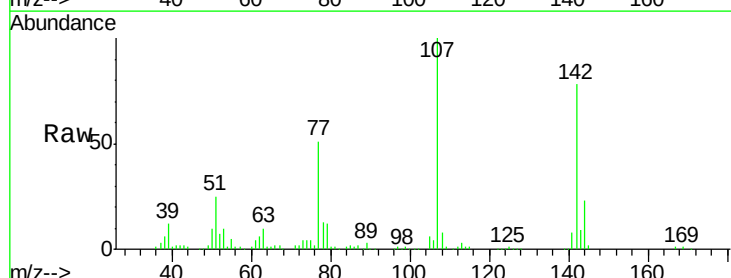
RT: 8.72 min Scan# 1127

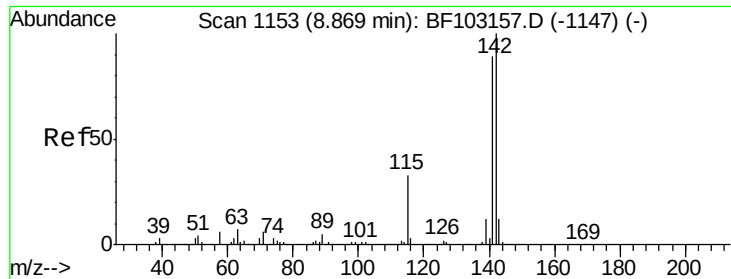
Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:107 Resp: 238722
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.5 30.7
 142 77.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 33.035 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

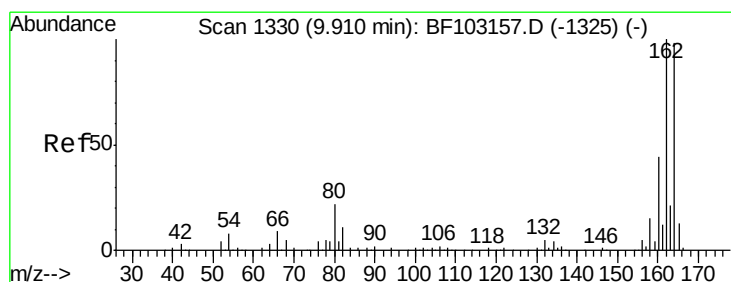
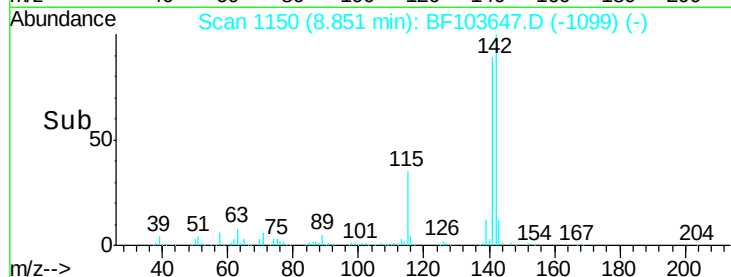
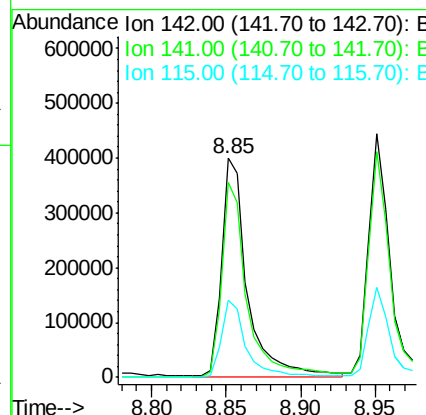
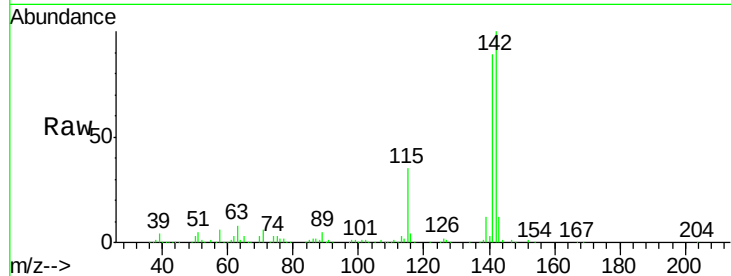
ClientSampleId :

TP-5B-COMPMS

Tot Ion:	142	Resp:	485054
Ion Ratio	Lower	Upper	
142	100		
141	89.3	70.8	106.2
115	35.4	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

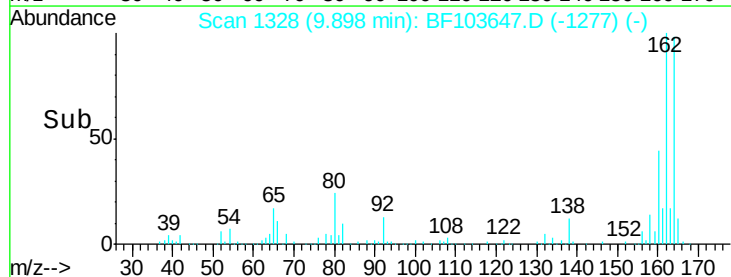
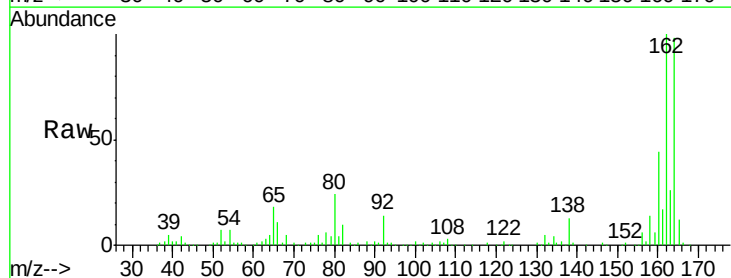
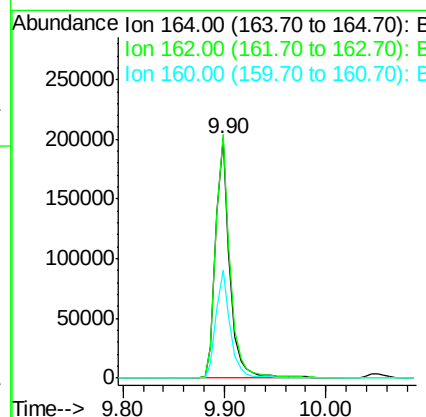
RT: 9.90 min Scan# 1328

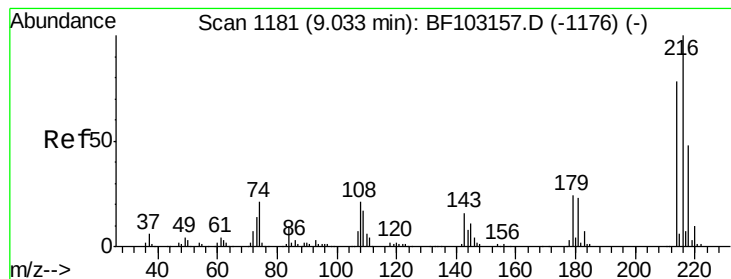
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	164	Resp:	195430
Ion Ratio	Lower	Upper	
164	100		
162	101.6	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.288 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

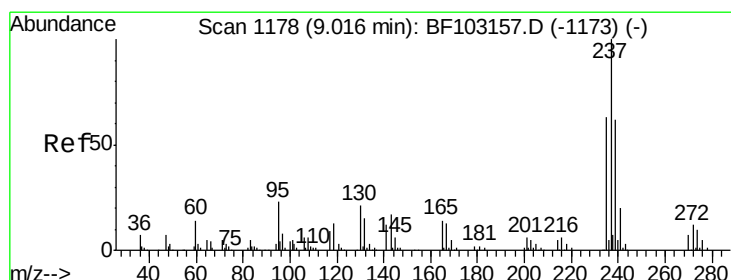
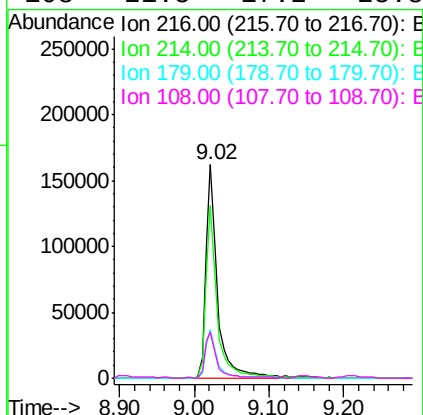
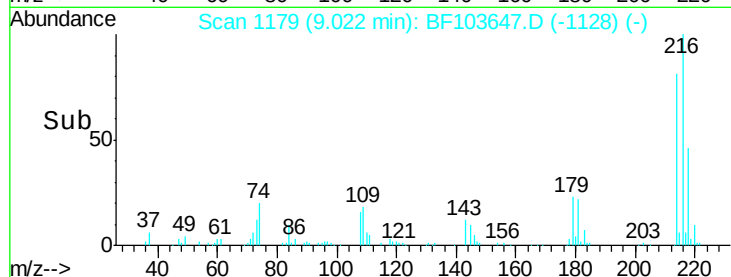
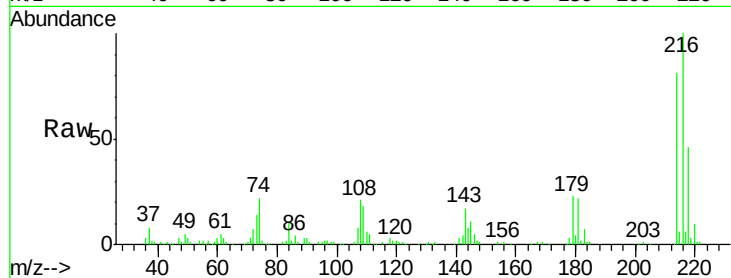
ClientSampleId :

TP-5B-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		177845		
214	79.1		63.0	94.4	
179	22.6		18.1	27.1	
108	21.5		17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 11.060 ng

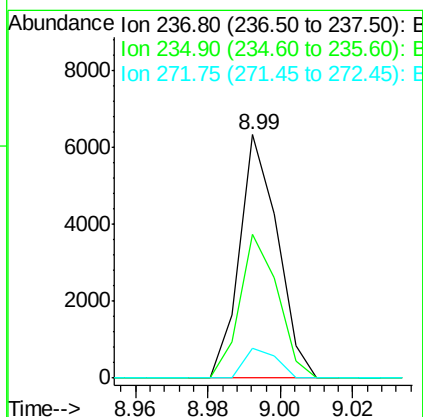
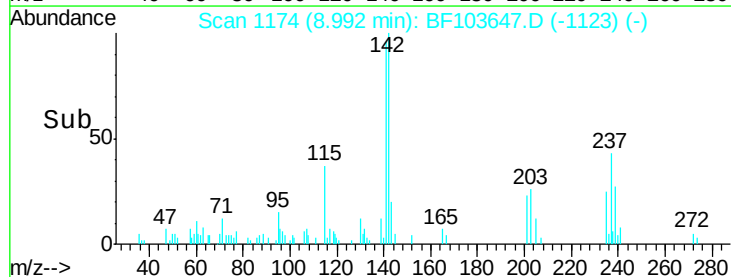
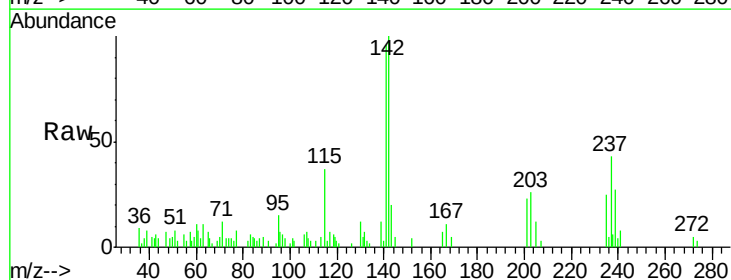
RT: 8.99 min Scan# 1174

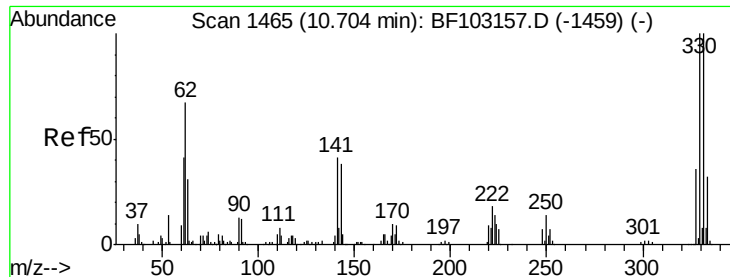
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		4614		
235	59.2		44.8	84.8	
272	12.1		0.0	33.3	





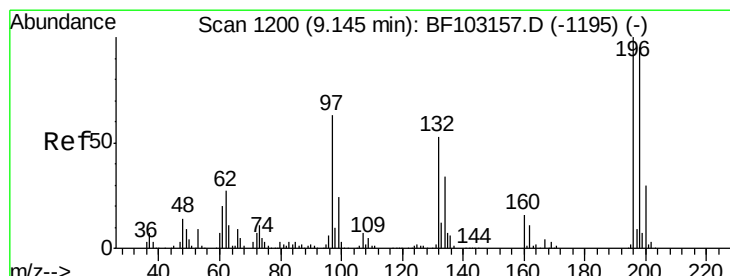
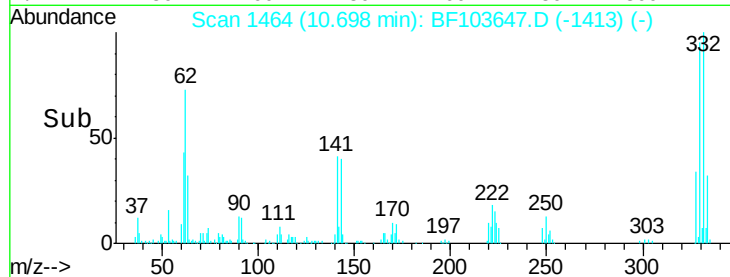
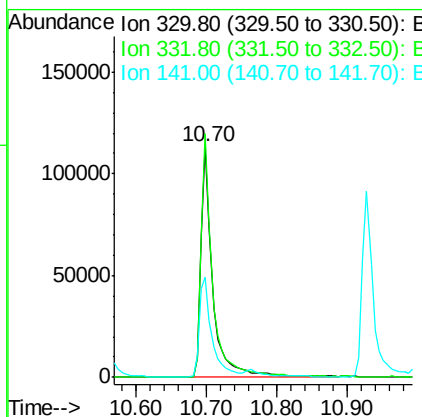
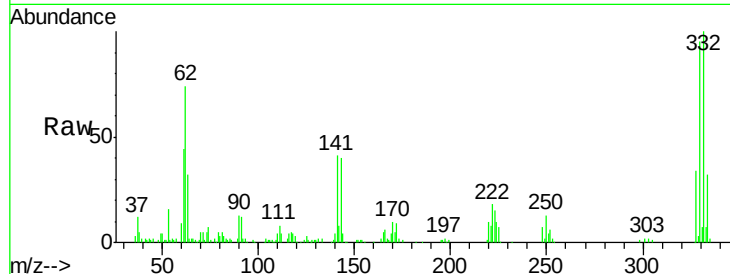
#41
 2,4,6-Tribromophenol
 Concen: 83.036 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	45.0	29.9	44.9	

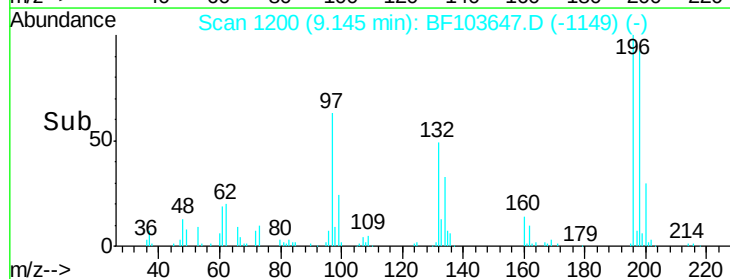
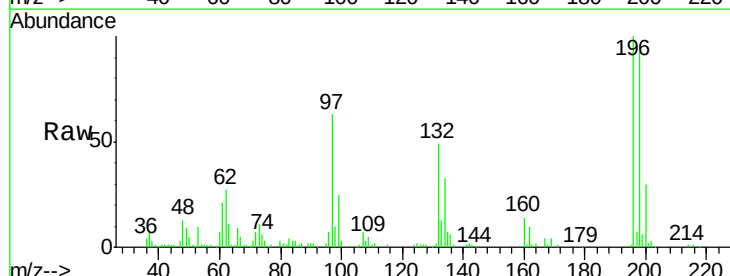
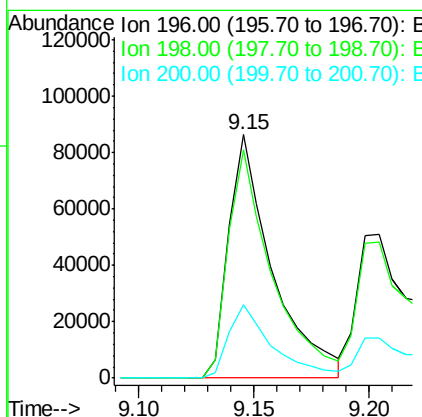
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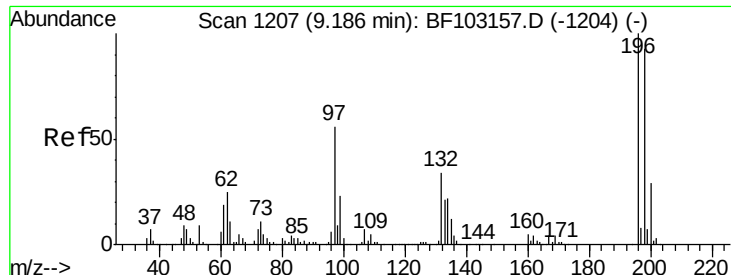
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#42
 2,4,6-Trichlorophenol
 Concen: 31.620 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	75.7	113.5	
200	30.2	24.5	36.7	





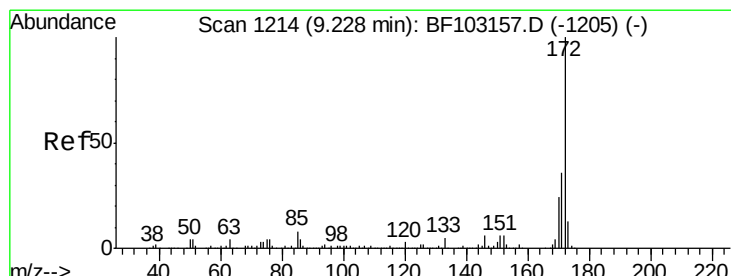
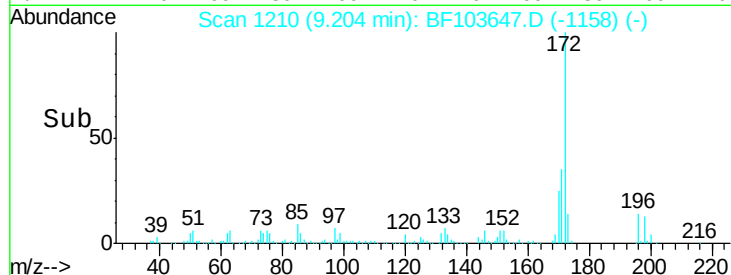
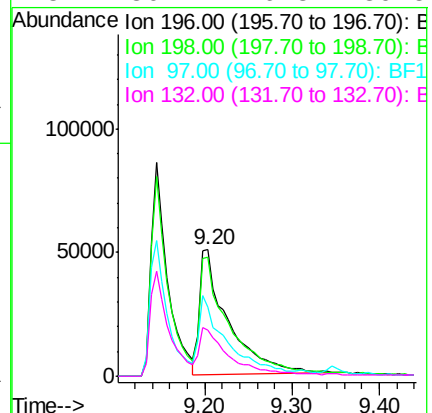
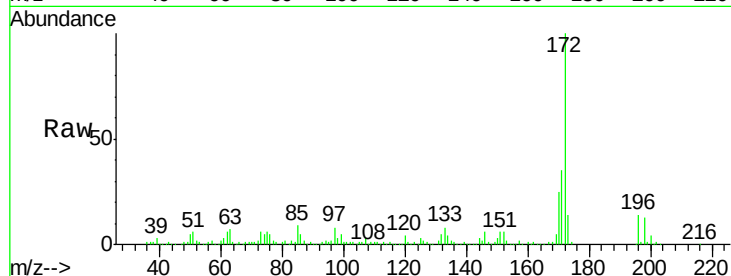
#43
 2,4,5-Trichlorophenol
 Concen: 28.089 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion:	196	Resp:	116140
Ion Ratio	Lower	Upper	
196	100		
198	94.0	74.6	112.0
97	54.8	42.9	64.3
132	36.2	26.3	39.5

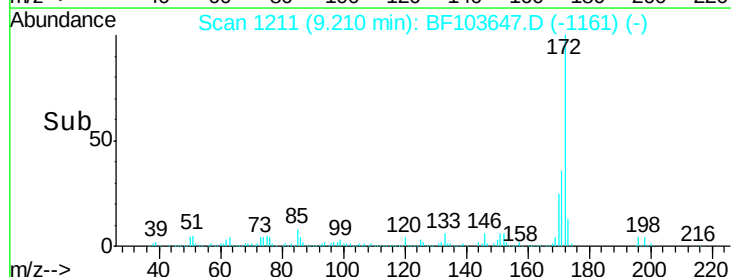
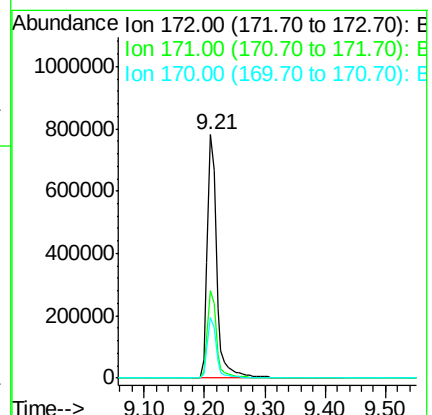
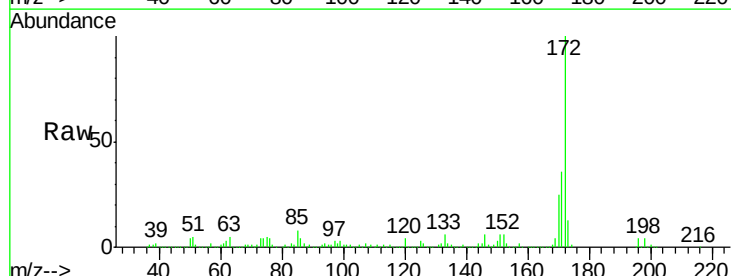
Manual Integrations
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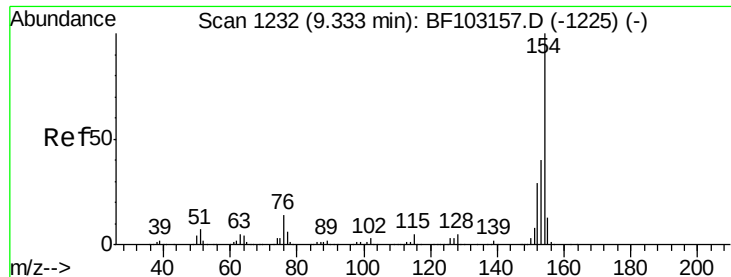
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 73.224 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:	172	Resp:	858816
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.8	19.6	29.4





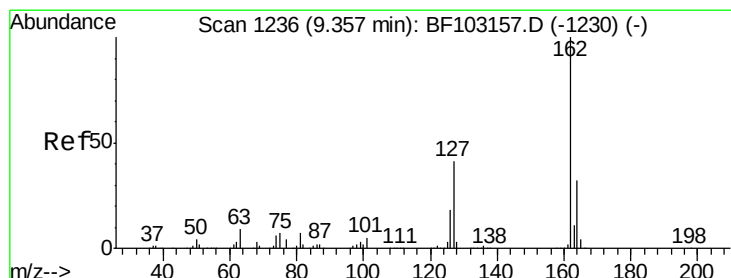
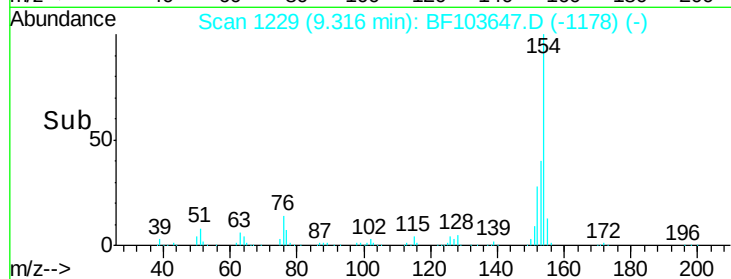
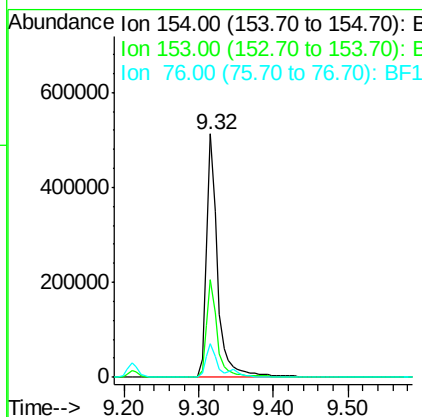
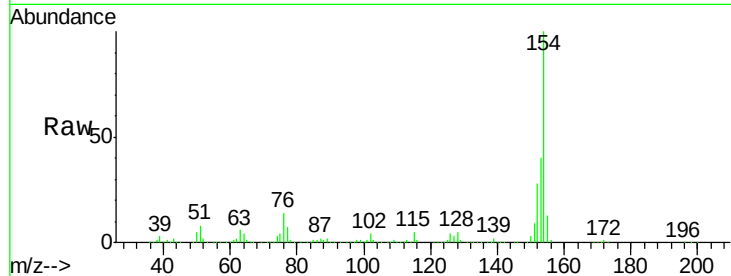
#45
 1,1'-Biphenyl
 Concen: 33.024 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion:	154	Resp:	540811
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	14.1	0.0	34.0

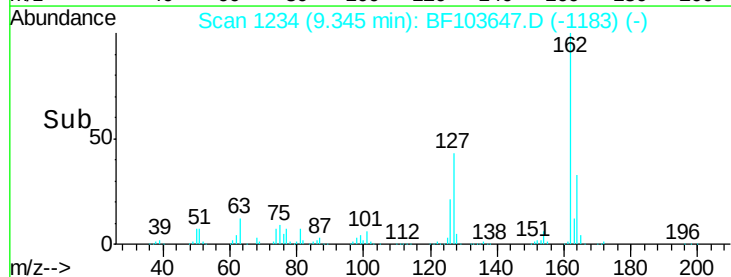
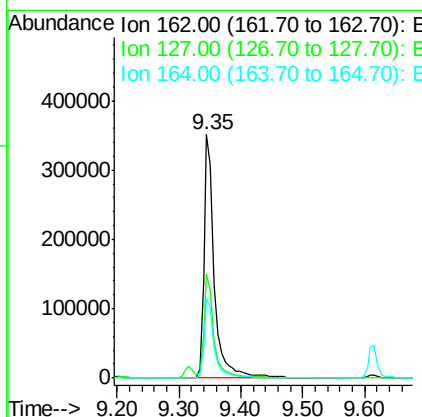
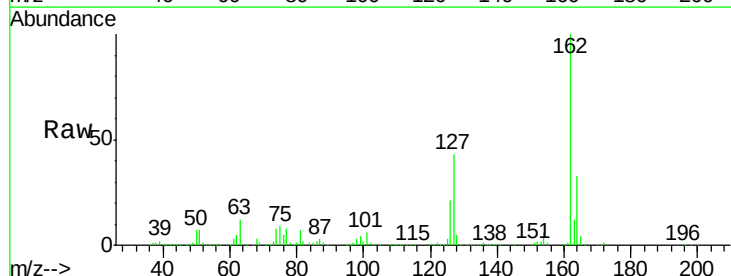
Manual Integrations
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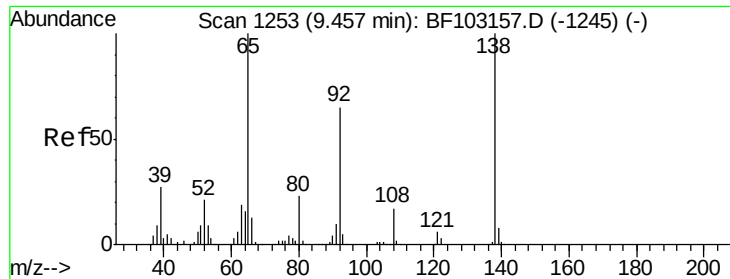
Sohil
 3/15/2018 6:57:34 PM



#46
 2-Chloronaphthalene
 Concen: 32.179 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion:	162	Resp:	416902
Ion Ratio	Lower	Upper	
162	100		
127	42.8	33.9	50.9
164	33.0	26.5	39.7





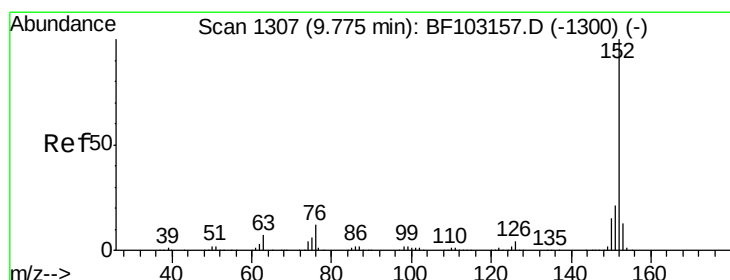
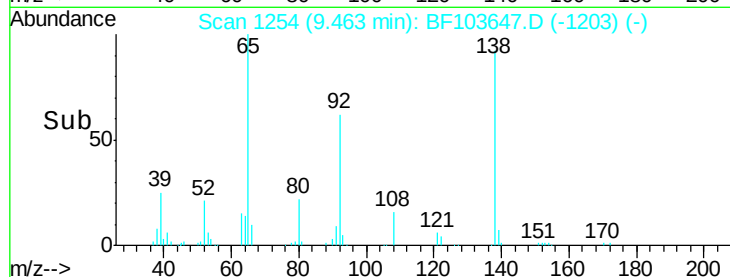
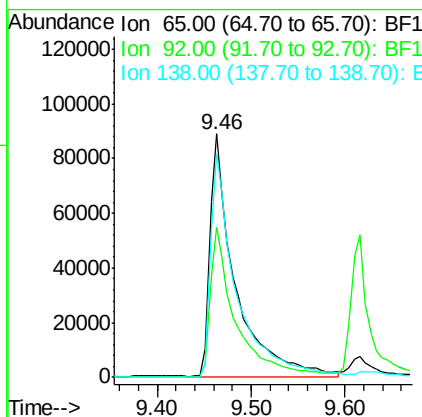
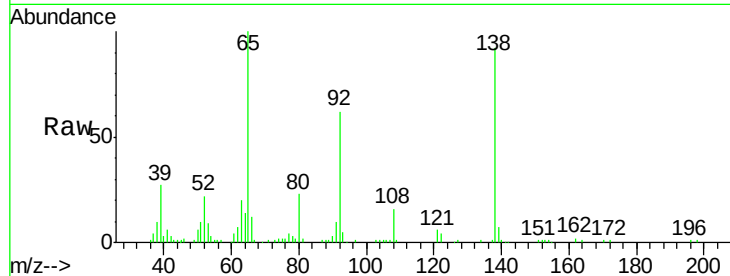
#47
2-Nitroaniline
Concen: 35.312 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	55.8	83.6
138	91.7	91.2	136.8

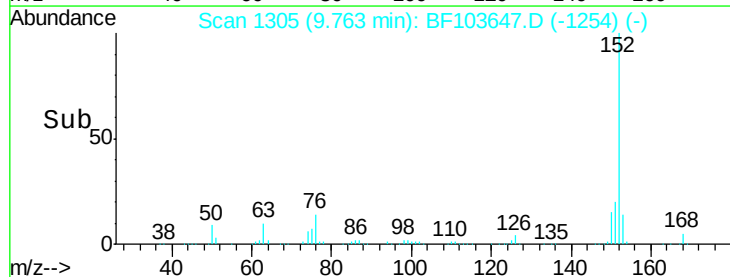
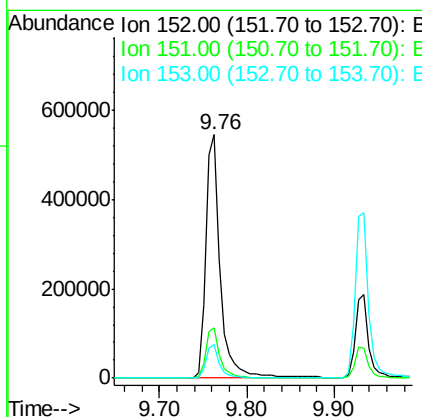
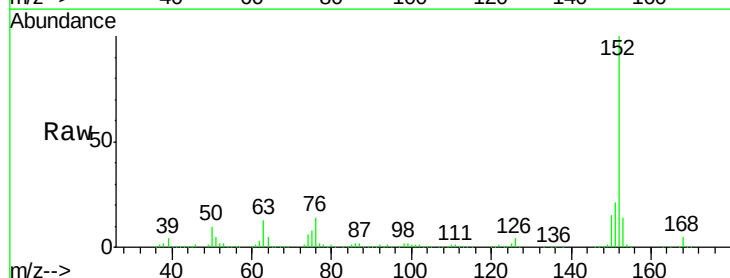
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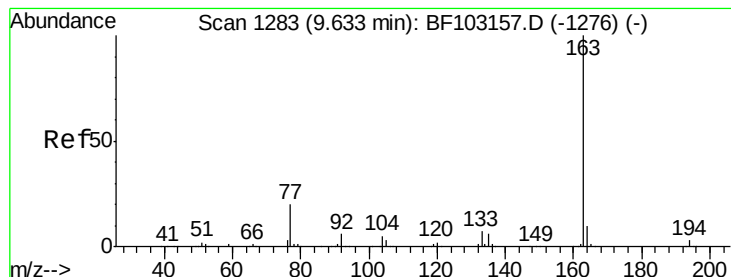
Sohil
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#48
Acenaphthylene
Concen: 31.358 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.7	10.7	16.1





#49

Dimethylphthalate

Concen: 31.838 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

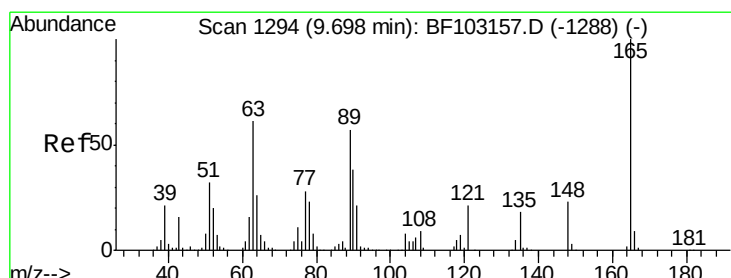
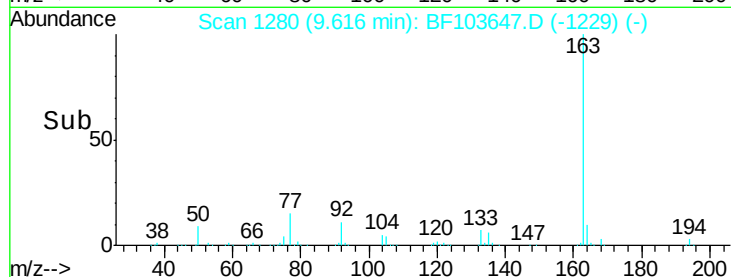
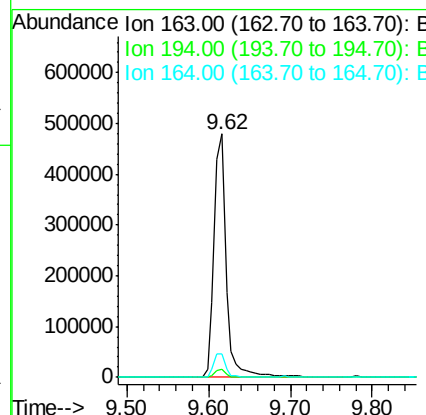
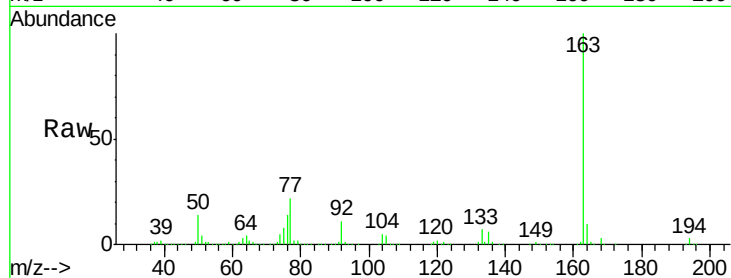
ClientSampleId :

TP-5B-COMPMS

Tot Ion:	163	Resp:	499150
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 30.337 ng

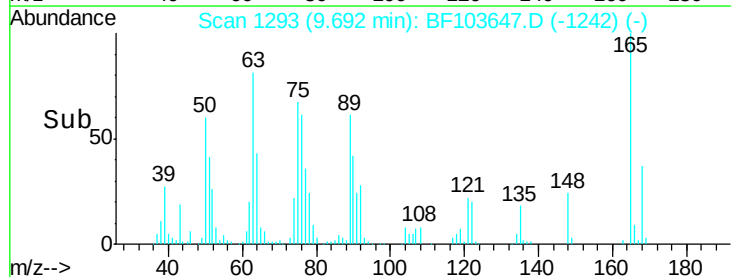
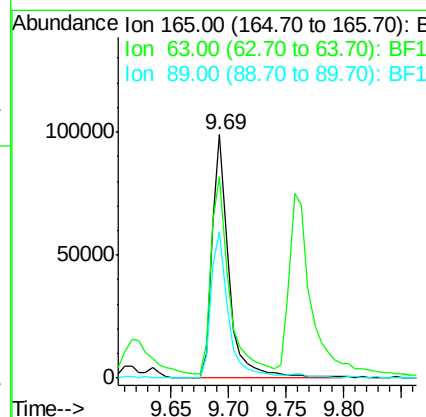
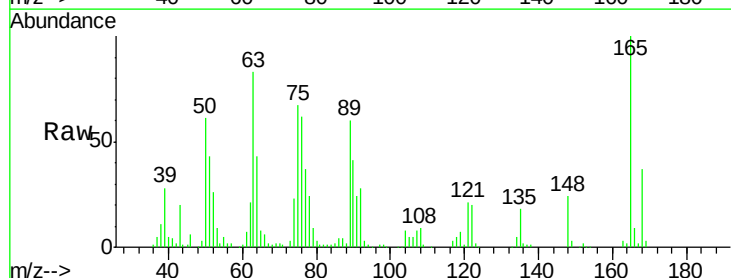
RT: 9.69 min Scan# 1293

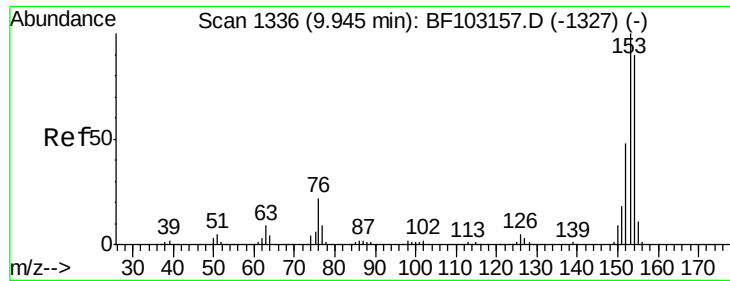
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	165	Resp:	99808
Ion Ratio	Lower	Upper	
165	100		
63	82.5	44.7	67.1#
89	60.3	44.0	66.0





#51

Acenaphthene

Concen: 30.728 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

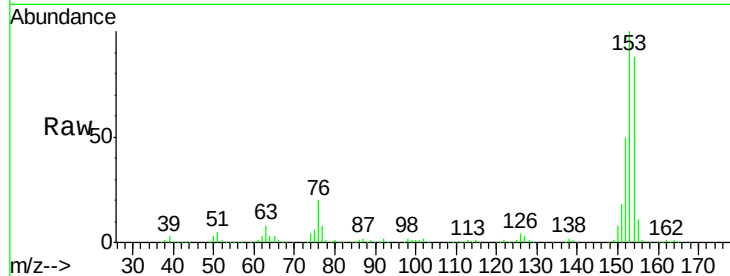
ClientSampleId :

TP-5B-COMPMS

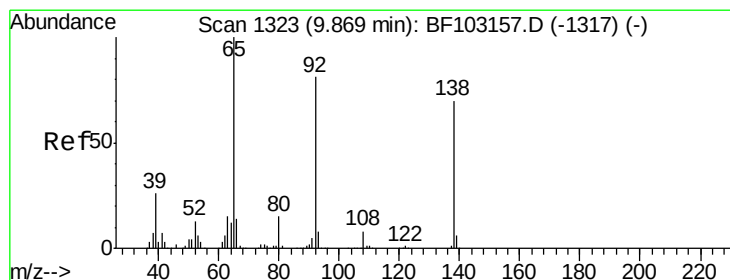
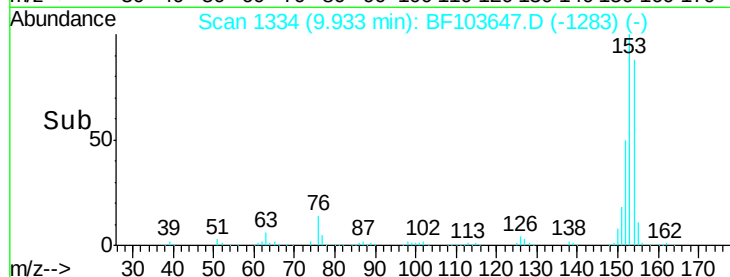
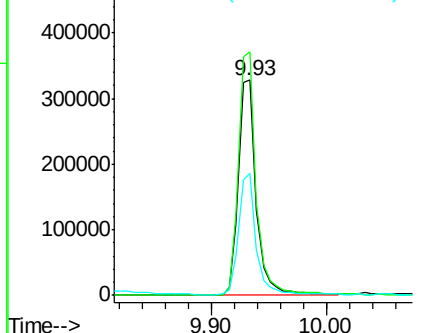
Tot Ion:	154	Resp:	357174
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	57.0	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.581 ng

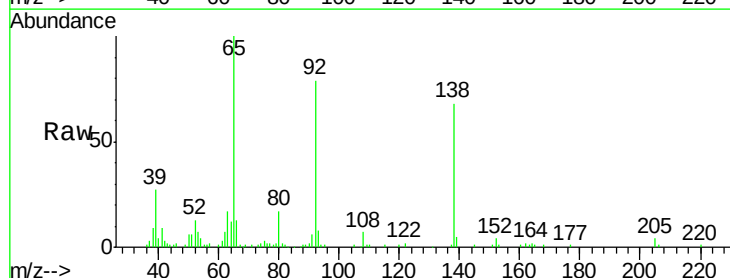
RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

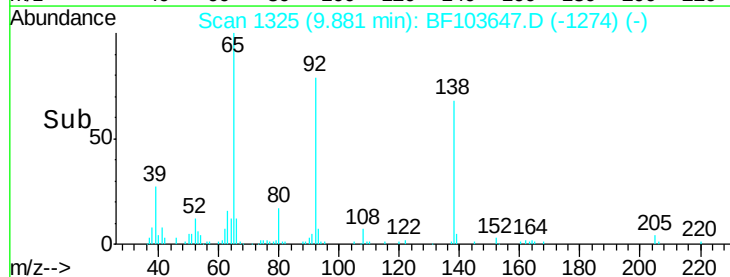
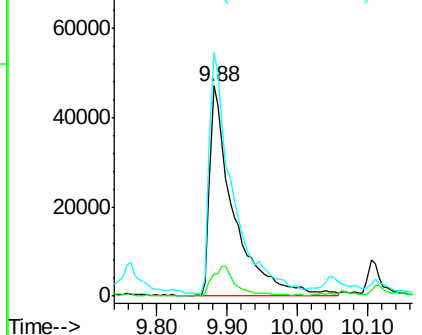
Lab File: BF103647.D

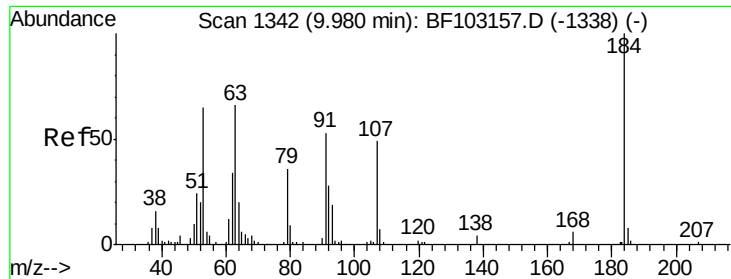
Acq: 14 Mar 2018 18:12

Tgt Ion:	138	Resp:	110952
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	115.8	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





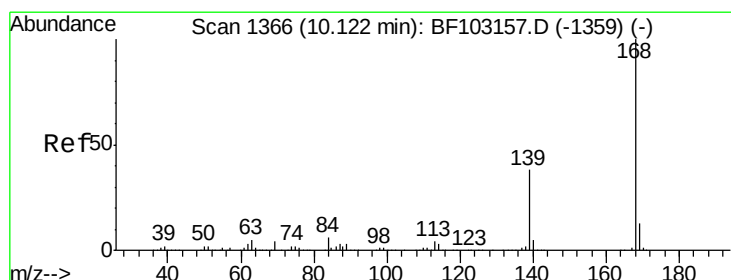
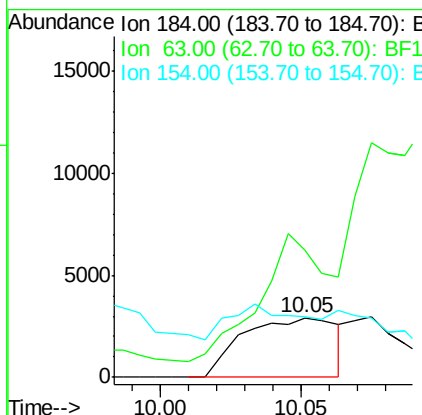
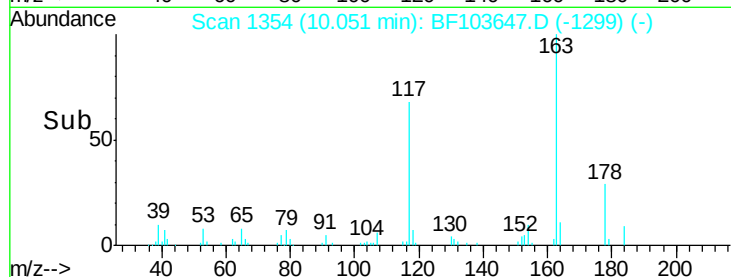
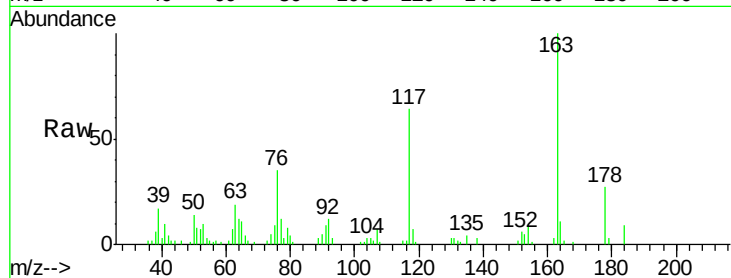
#53
2,4-Dinitrophenol
Concen: 14.632 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion:184 Resp: 6769
Ion Ratio Lower Upper
184 100
63 213.1 54.2 81.2#
154 102.3 184.0 276.0#

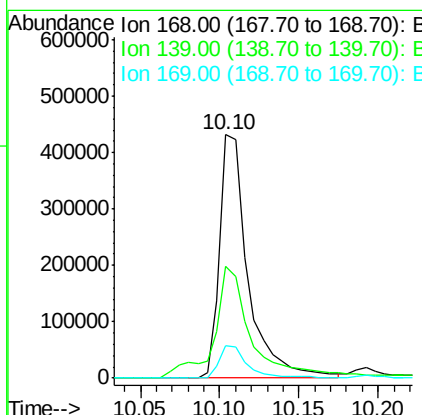
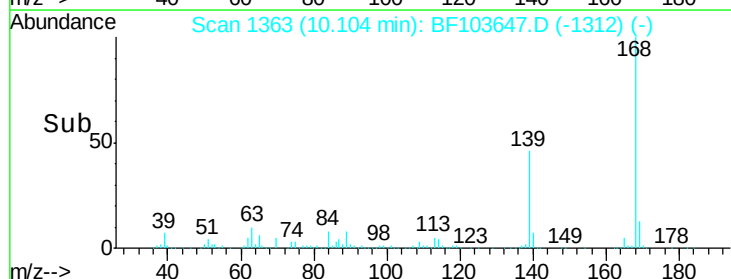
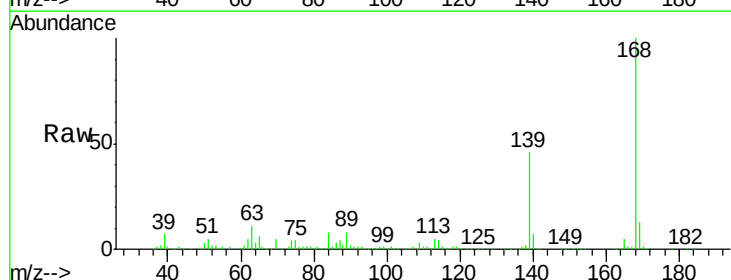
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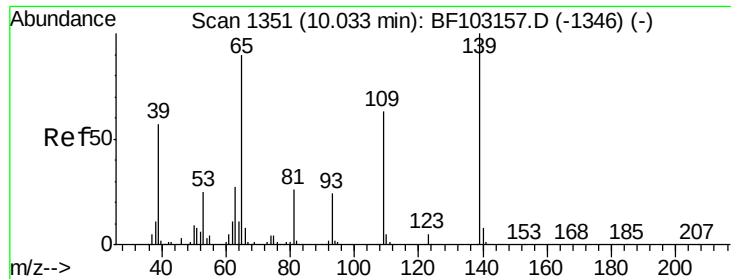
Sohil
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#54
Dibenzofuran
Concen: 33.774 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion:168 Resp: 538908
Ion Ratio Lower Upper
168 100
139 45.9 30.1 45.1#
169 13.4 10.9 16.3





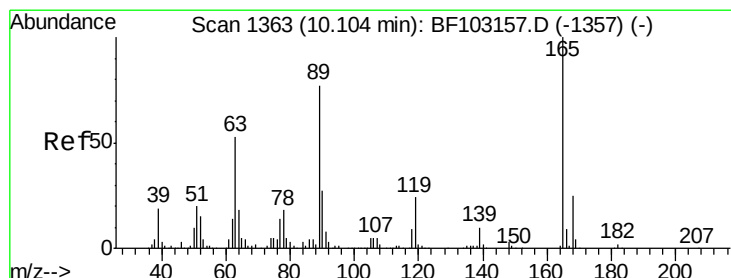
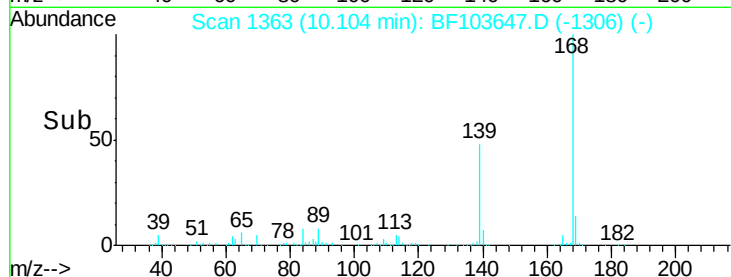
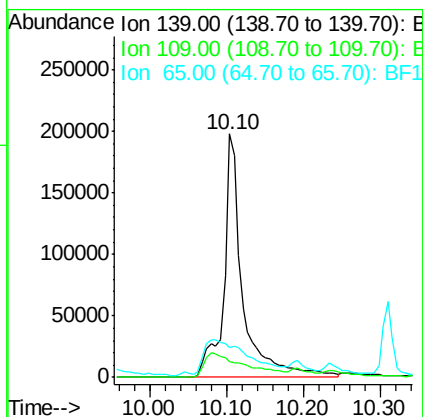
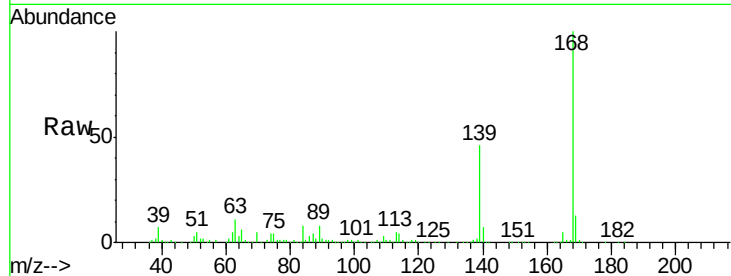
#55
4-Nitrophenol
Concen: 132.066 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.04 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	341655		
109	6.7	48.4	88.4#	
65	12.5	72.6	112.6#	

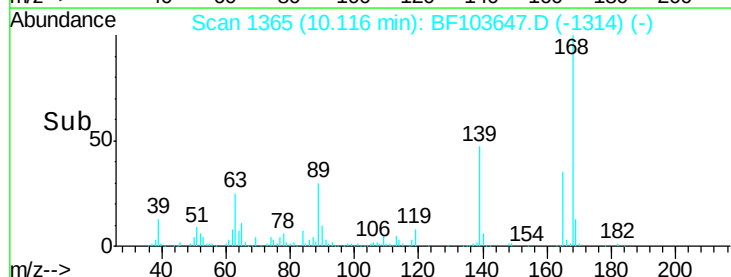
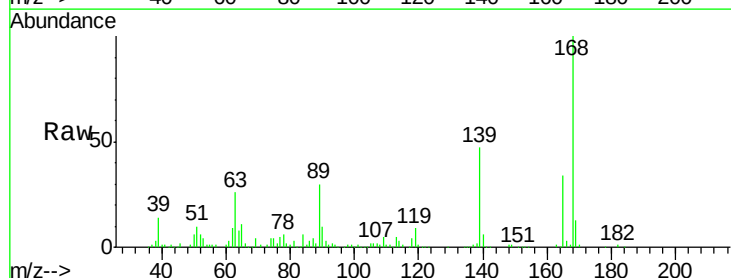
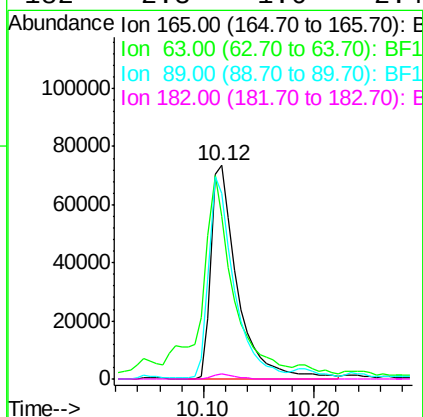
Manual Integrations
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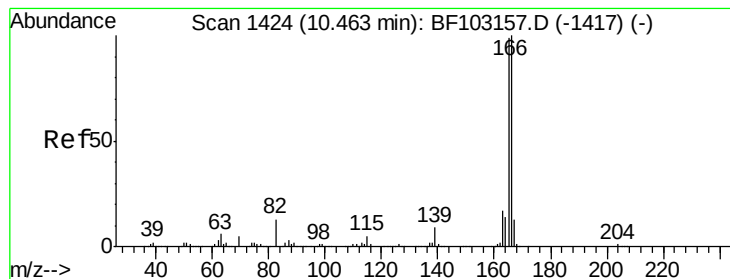
Sohil
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#56
2,4-Dinitrotoluene
Concen: 29.295 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	121898		
63	76.2	36.4	54.6#	
89	86.7	57.8	86.6#	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 29.786 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampled :

TP-5B-COMPMS

Tot Ion:166 Resp: 404864

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

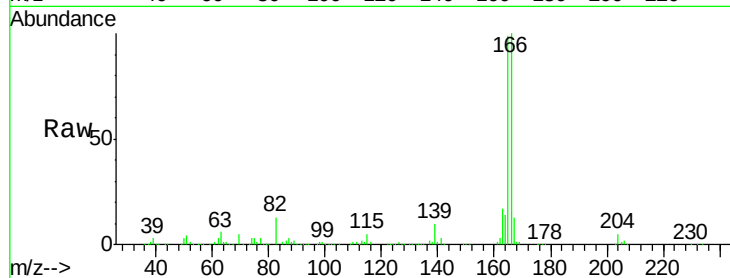
167 13.0 10.6 16.0

Manual Integrations

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Sohil

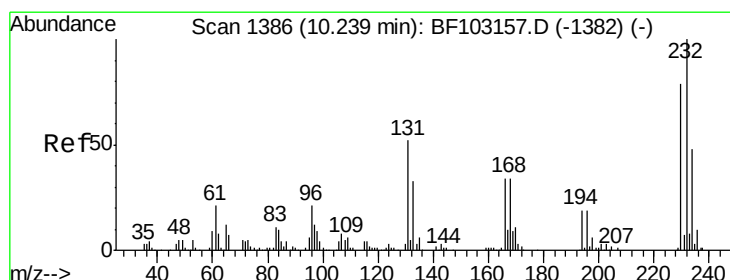
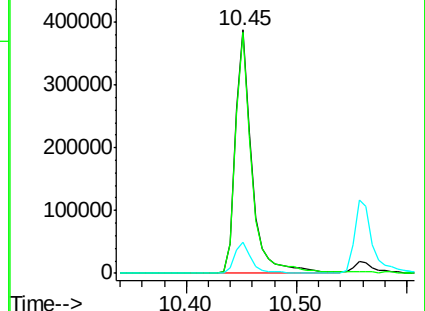
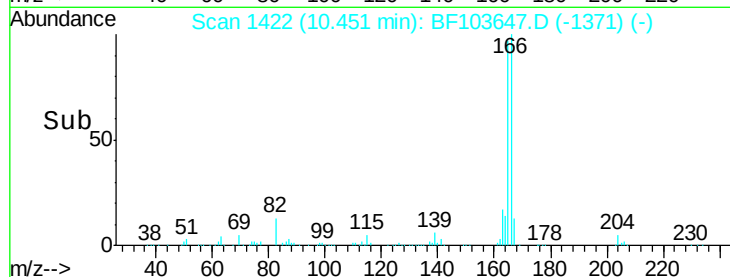
3/15/2018 6:57:34 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.452 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:232 Resp: 81806

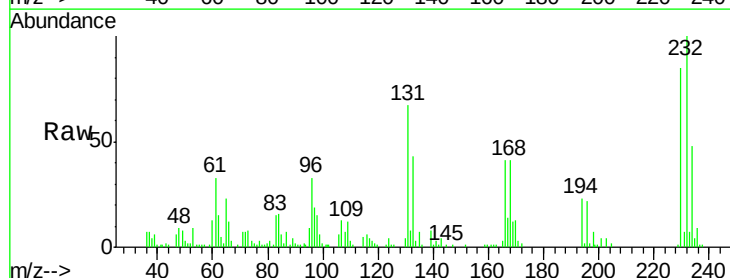
Ion Ratio Lower Upper

232 100

131 55.9 43.8 65.8

130 3.1 2.1 3.1

166 38.6 27.8 41.6

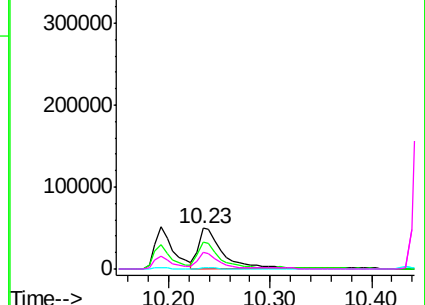
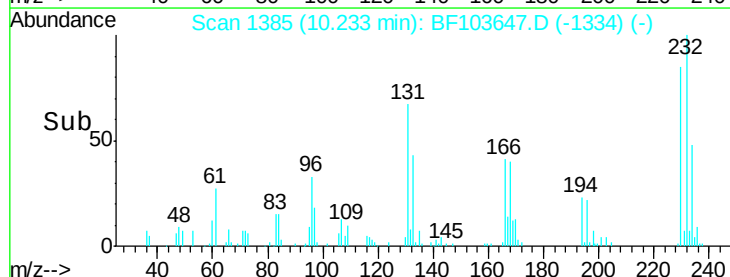


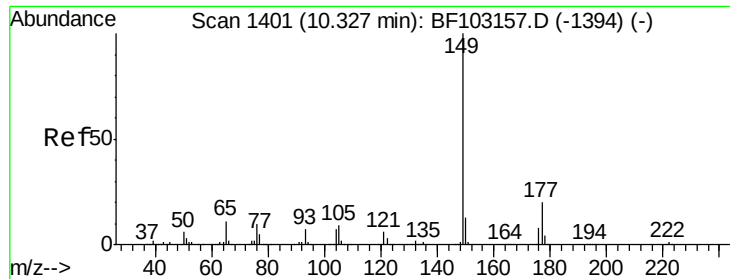
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





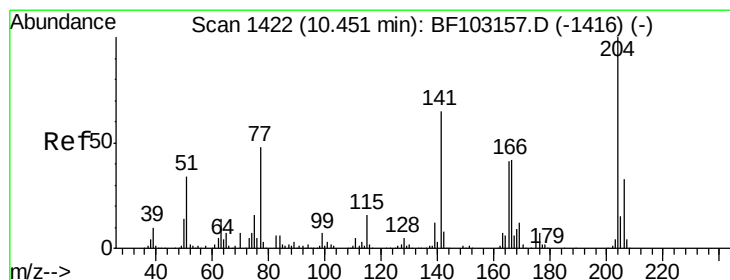
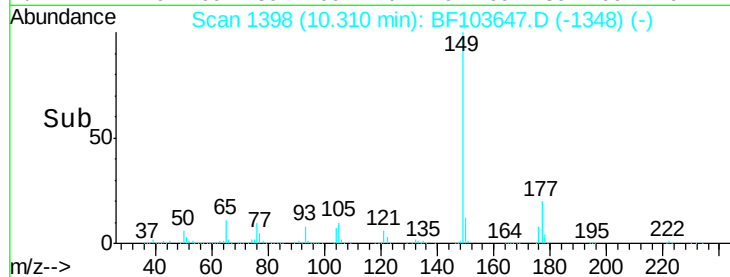
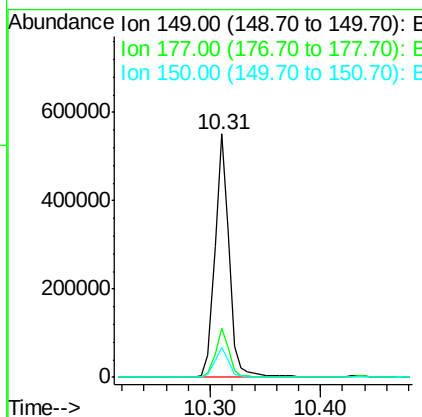
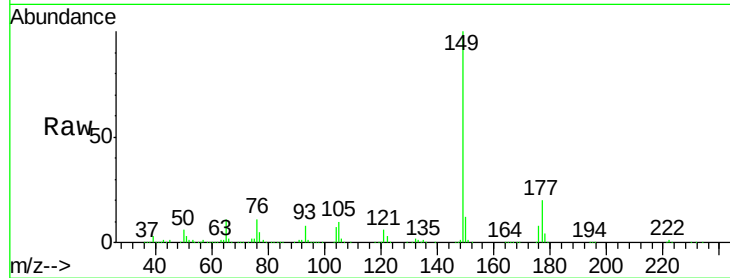
#59
Diethylphthalate
Concen: 32.688 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.1	24.1
150	12.3	10.1	15.1

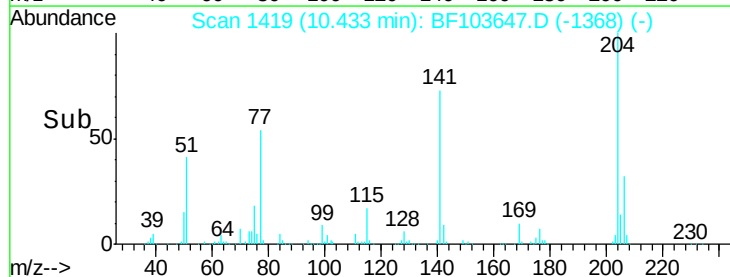
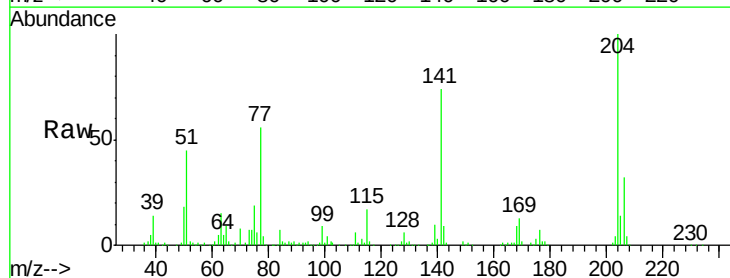
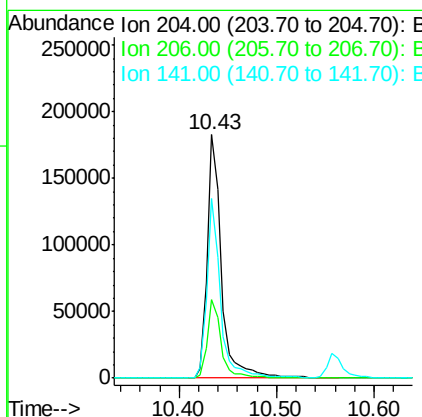
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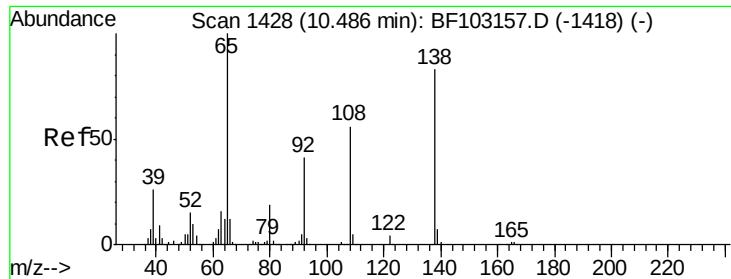
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 32.099 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	73.6	54.6	81.8





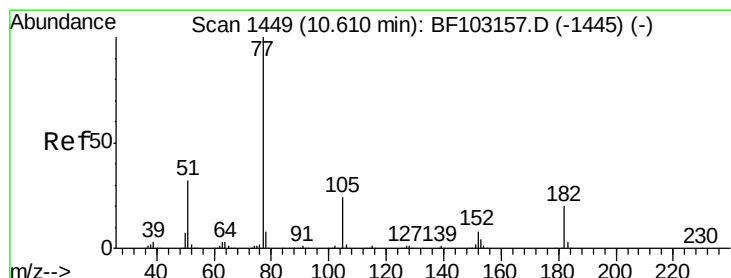
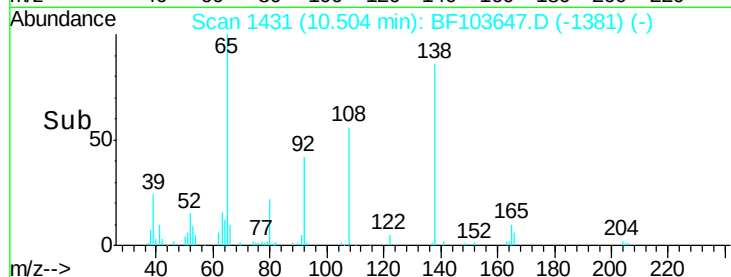
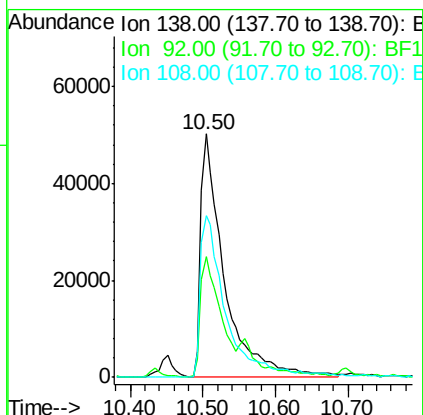
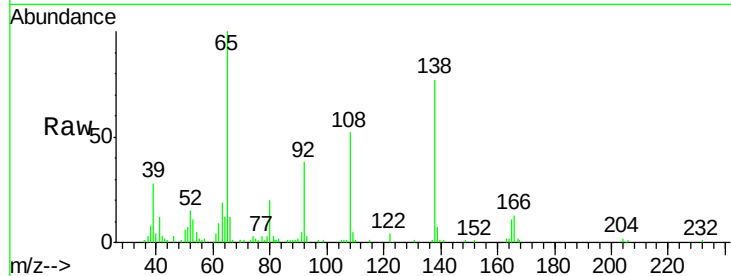
#61
4-Nitroaniline
Concen: 27.312 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.2	70.2
108	66.6	52.5	92.5

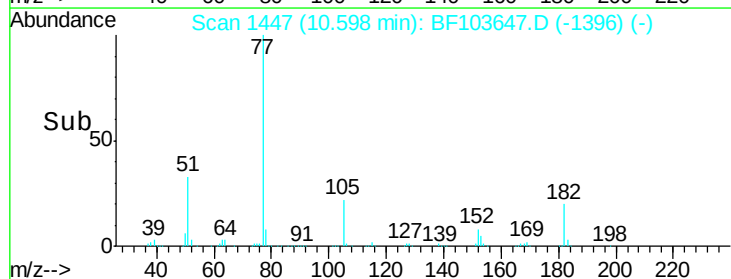
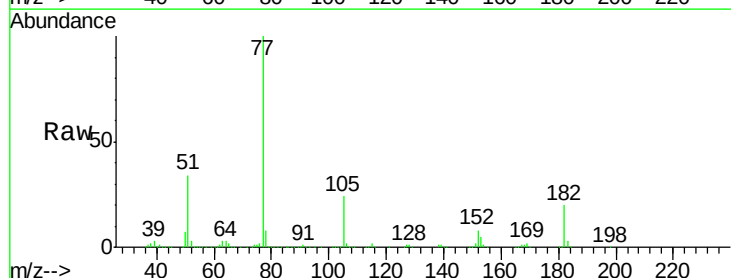
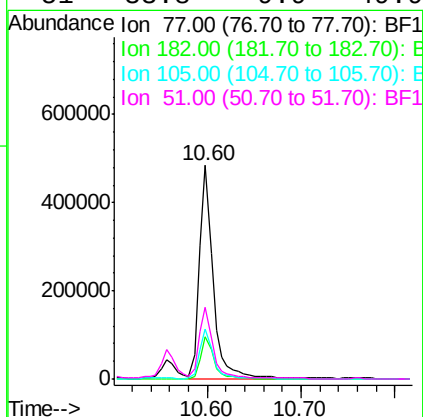
Manual Integrations
APPROVED

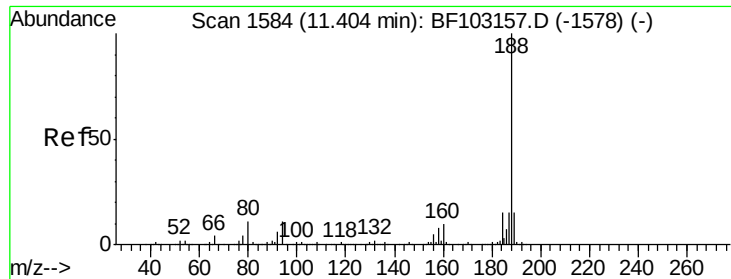
Sohil
3/15/2018 6:57:34 PM



#62
Azobenzene
Concen: 32.243 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	1.7	41.7
105	23.6	3.0	43.0
51	33.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

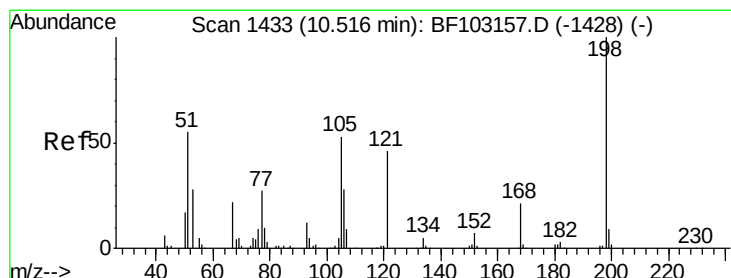
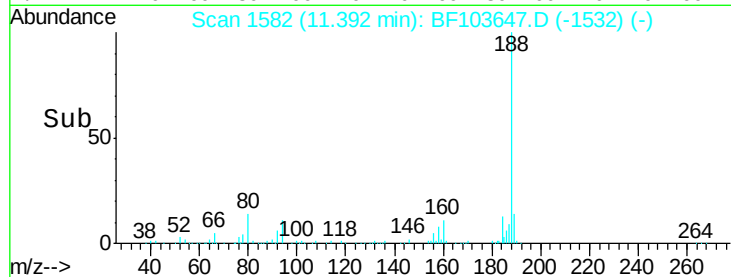
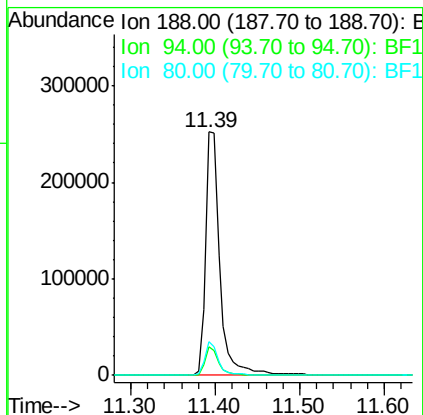
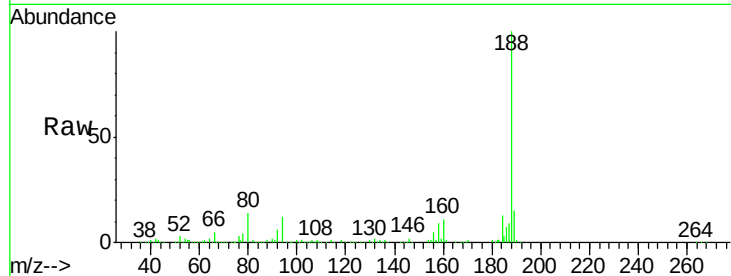
ClientSampleId :

TP-5B-COMPMS

Tot Ion:	188	Resp:	296961
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.5	12.7
80	13.7	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 11.221 ng

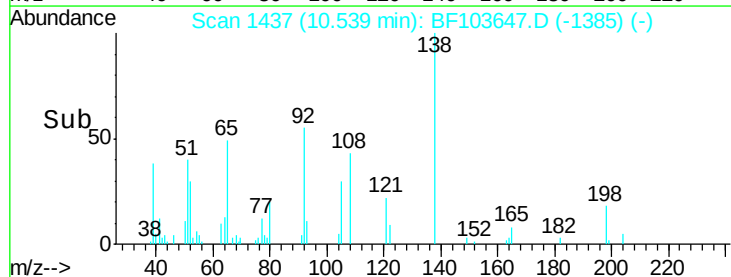
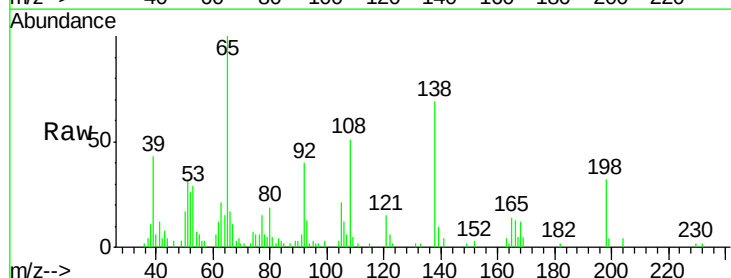
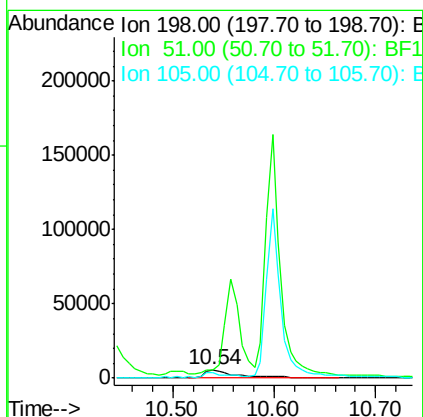
RT: 10.54 min Scan# 1437

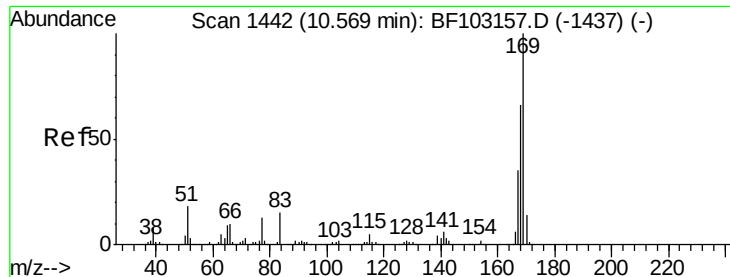
Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	198	Resp:	12641
Ion Ratio	Lower	Upper	
198	100		
51	99.8	37.7	77.7#
105	64.0	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 34.744 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMPMS

Tot Ion:169 Resp: 359246

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

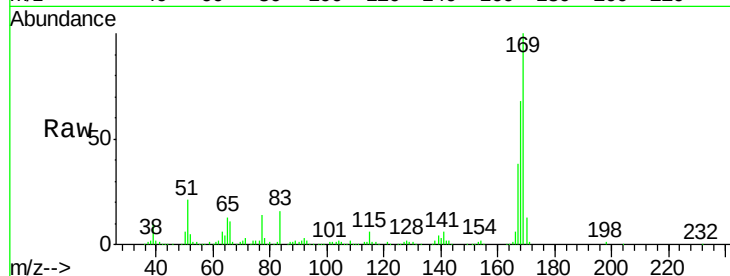
167 37.6 29.8 44.6

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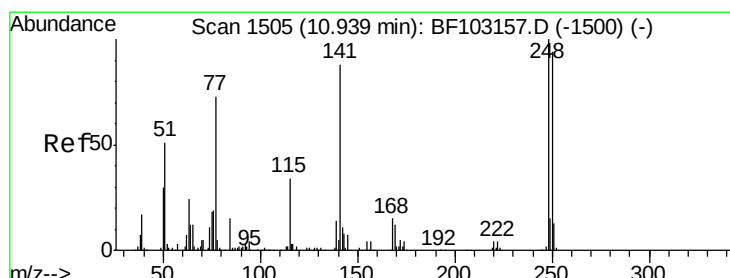
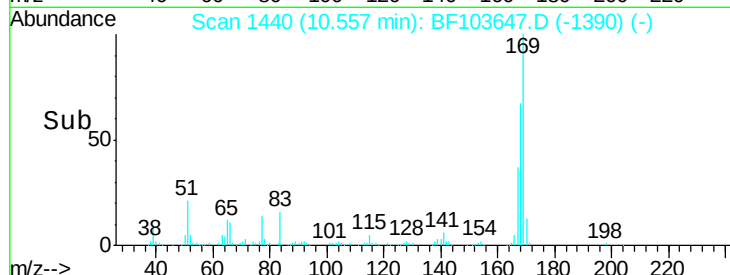
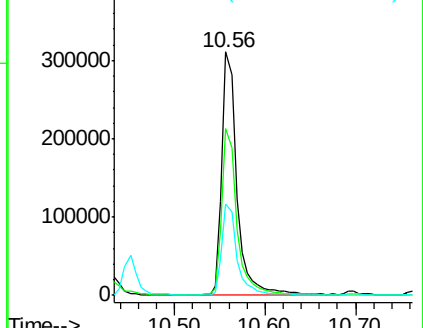
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.823 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

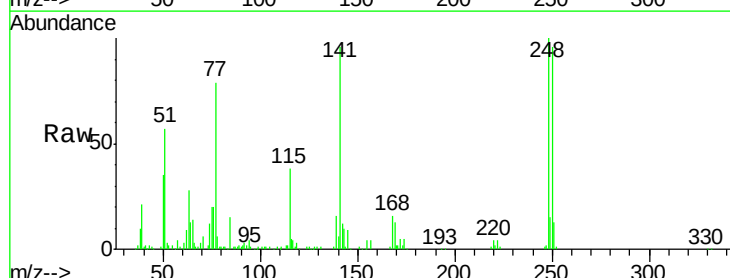
Tgt Ion:248 Resp: 101537

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

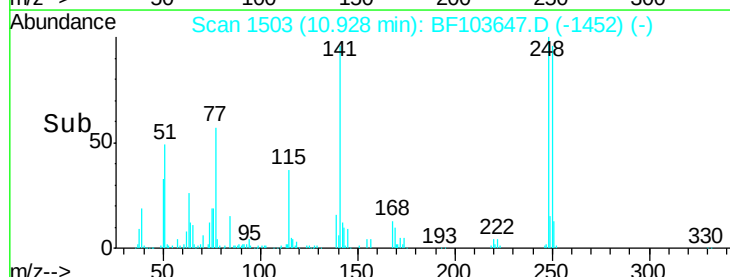
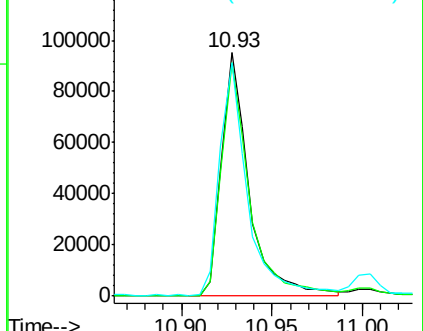
141 96.1 74.4 111.6

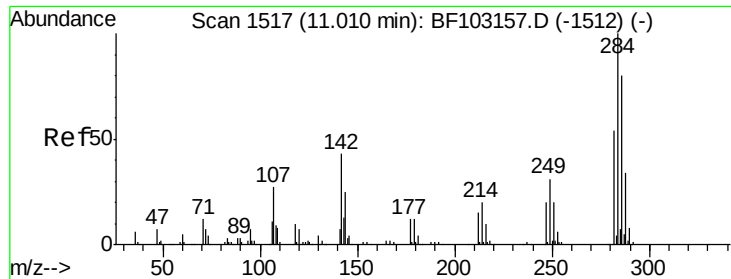


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





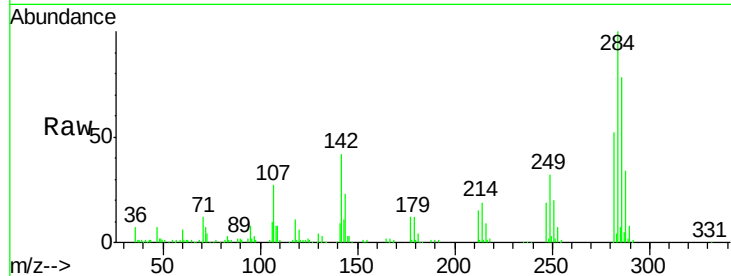
#67
Hexachlorobenzene
Concen: 29.206 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

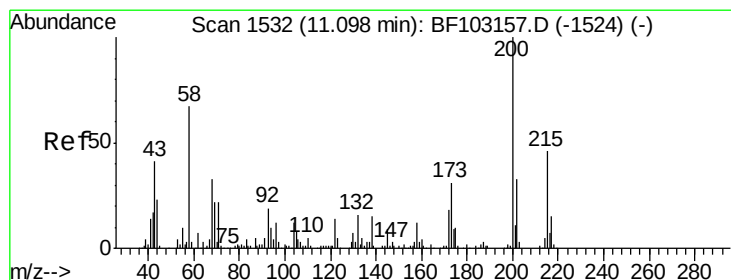
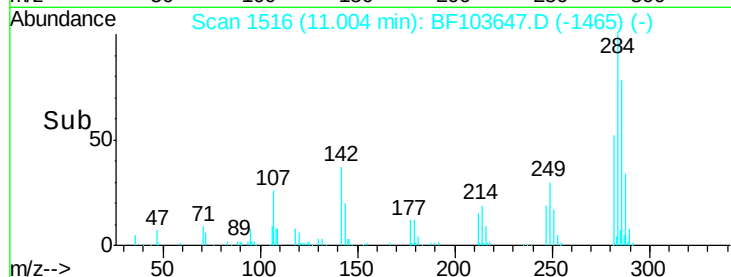
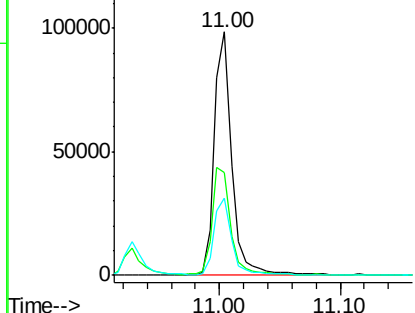
Tot Ion	Ratio	Resp	Lower	Upper
284	100	98063		
142	42.5		34.6	52.0
249	31.9		24.8	37.2

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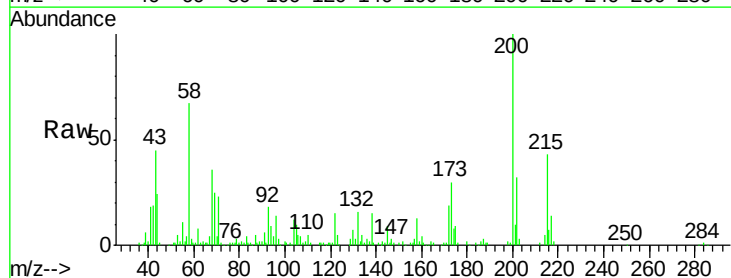


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

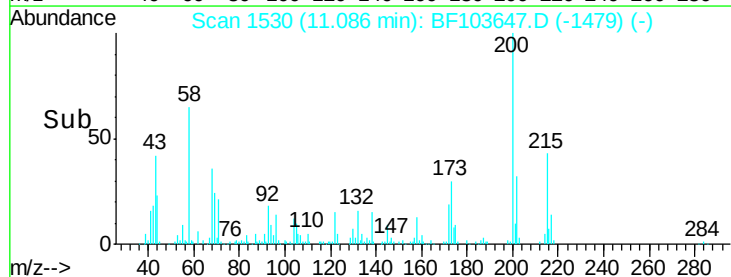
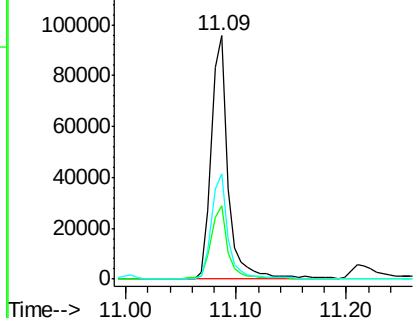


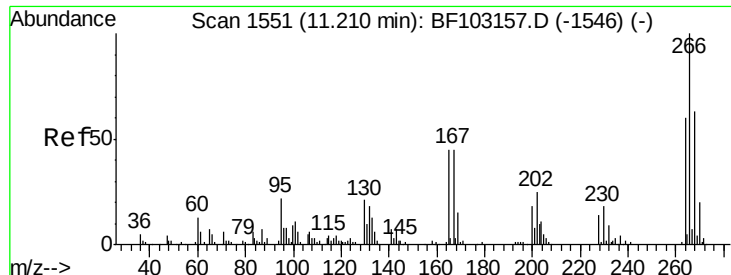
#68
Atrazine
Concen: 32.291 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	100354		
173	30.3		8.6	48.6
215	43.5		25.1	65.1



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





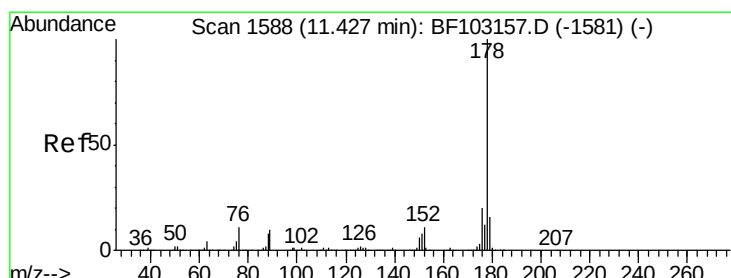
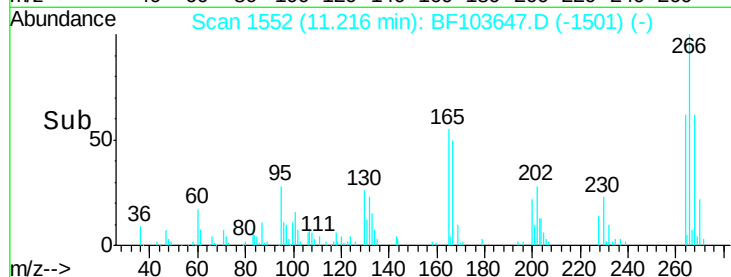
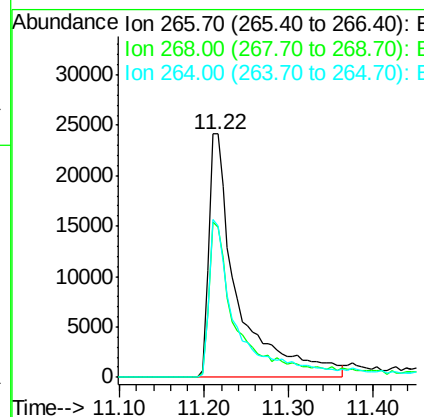
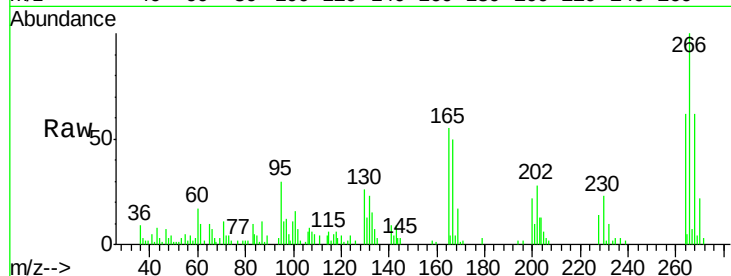
#69
 Pentachlorophenol
 Concen: 35.446 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	62.1	49.5	74.3

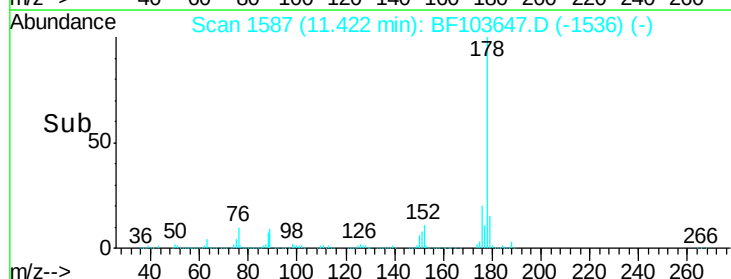
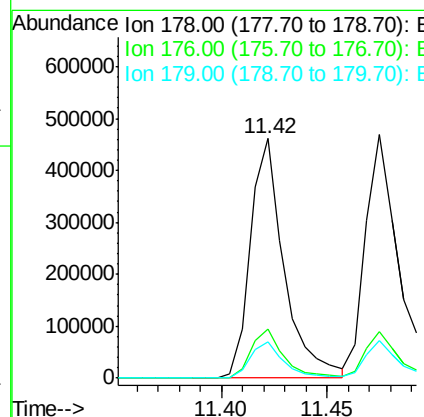
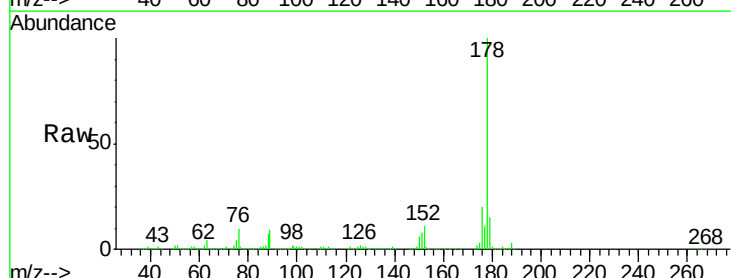
Manual Integrations
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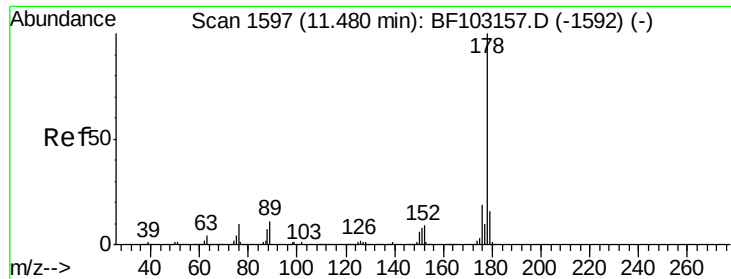
Sohil
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#70
 Phenanthrene
 Concen: 31.326 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.3	13.0	19.6





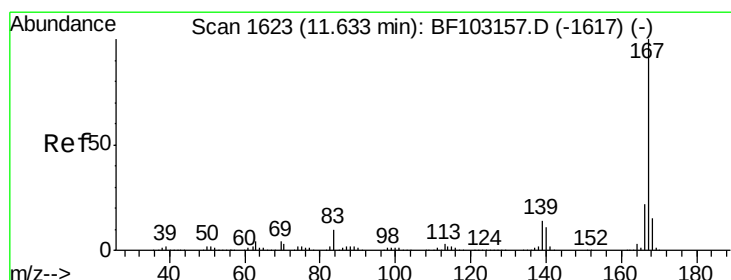
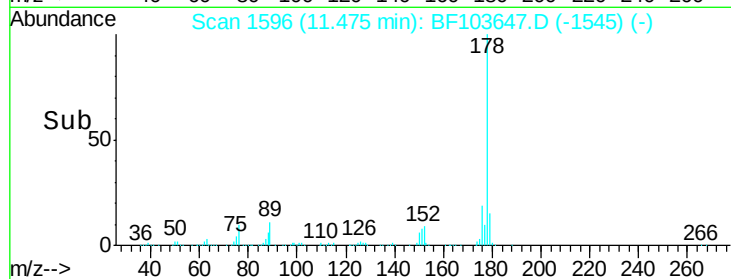
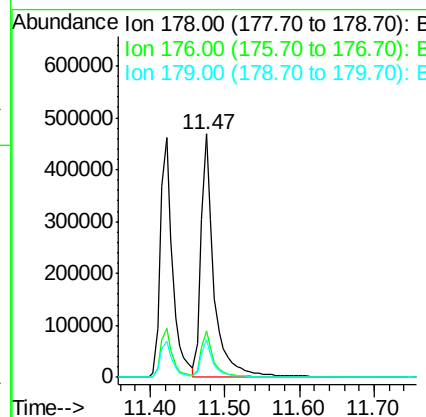
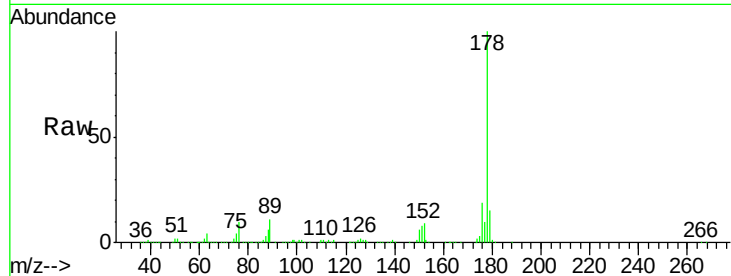
#71
 Anthracene
 Concen: 33.923 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0

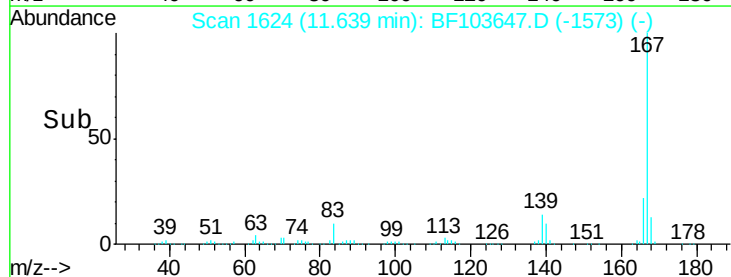
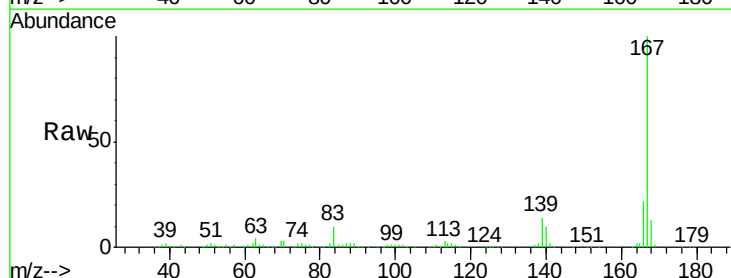
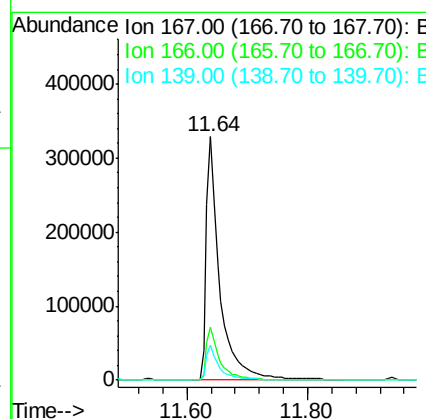
Manual Integrations
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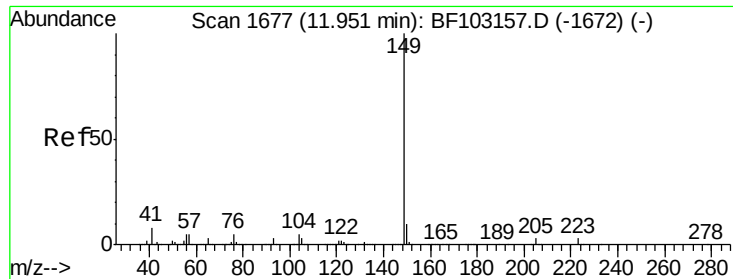
Sohil
 3/15/2018 6:57:34 PM



#72
 Carbazole
 Concen: 30.989 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	14.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.938 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMPMS

Tot Ion:149 Resp: 1001049

Ion Ratio Lower Upper

149 100

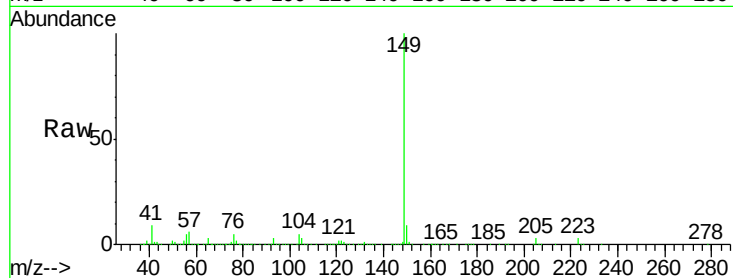
150 9.4 7.8 11.6

104 5.1 3.8 5.8

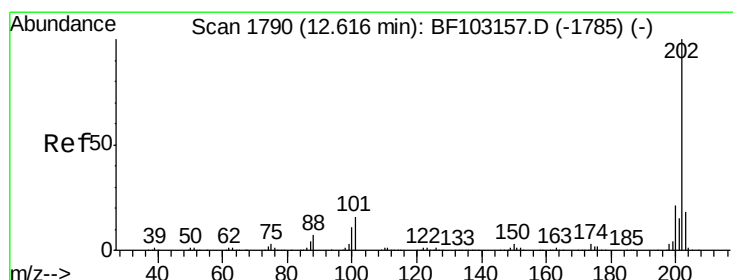
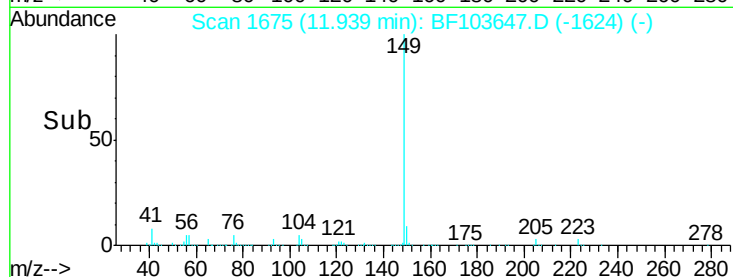
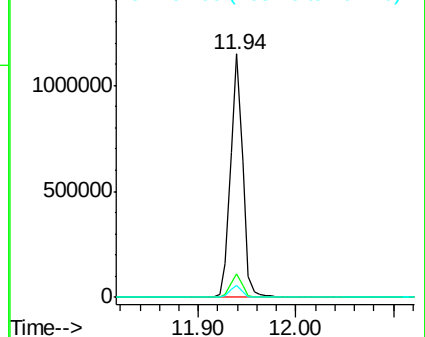
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.145 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

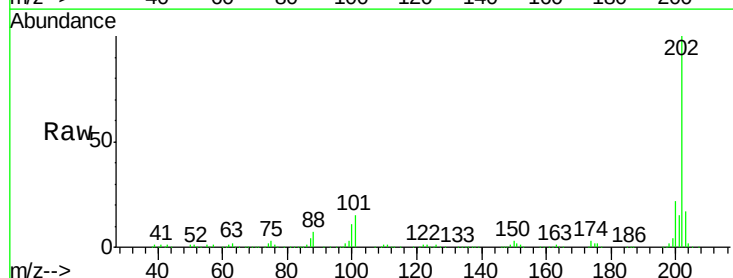
Tgt Ion:202 Resp: 495067

Ion Ratio Lower Upper

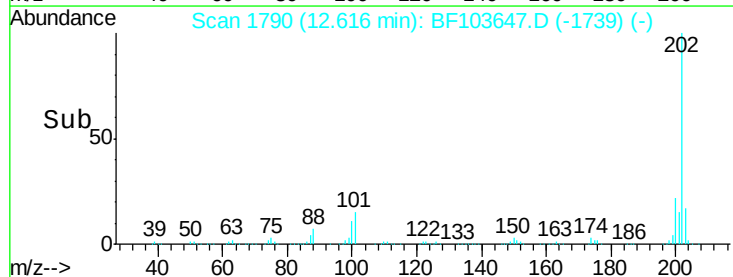
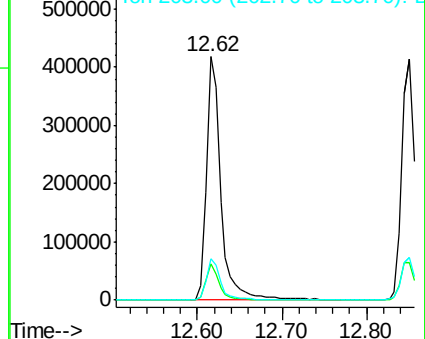
202 100

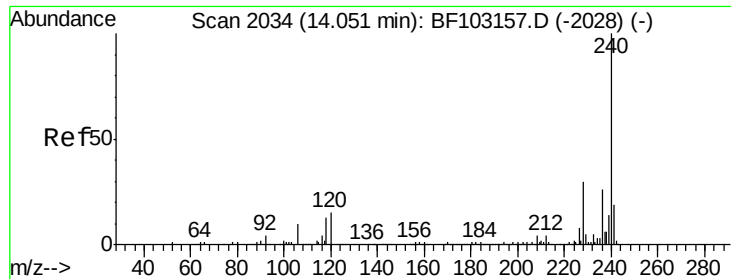
101 14.9 0.0 34.1

203 16.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

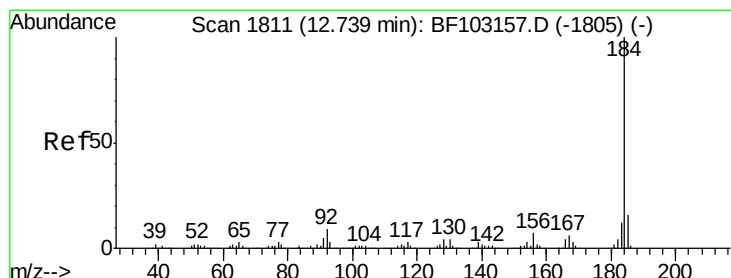
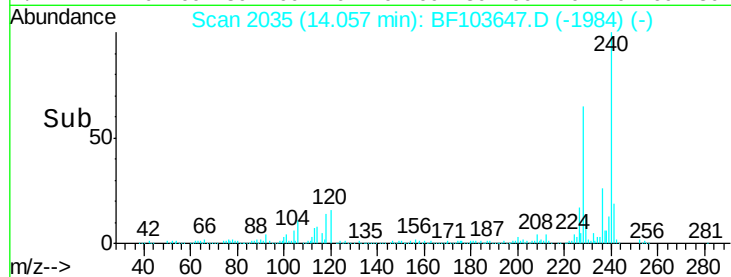
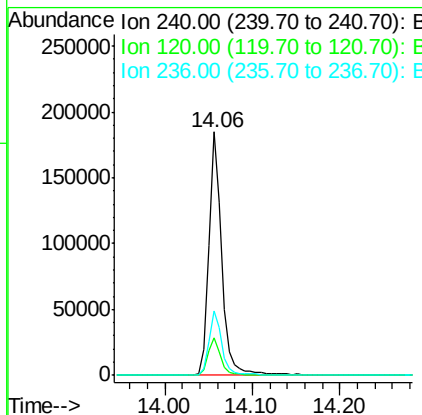
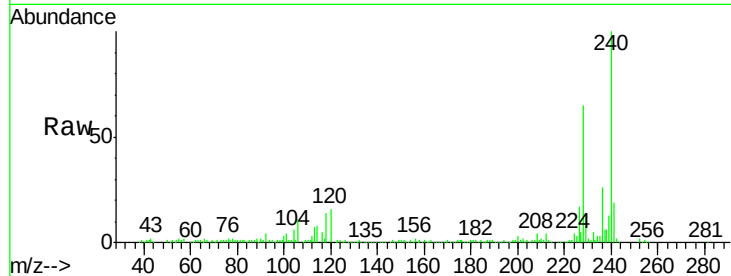
ClientSampleId :

TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3#
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 28.232 ng

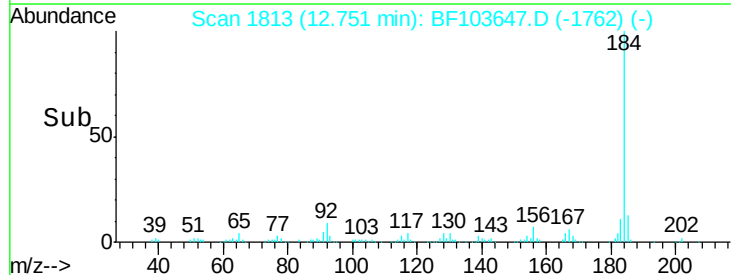
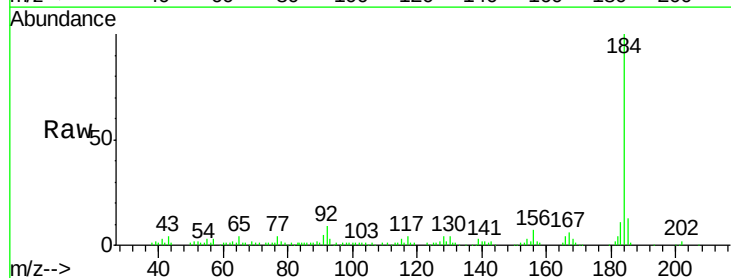
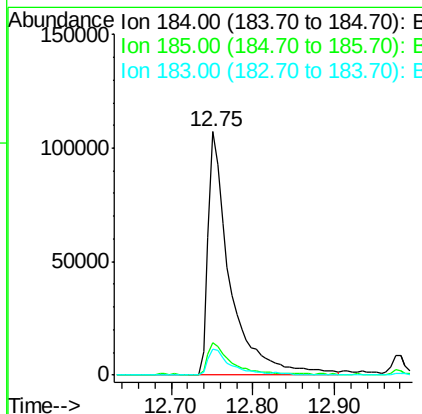
RT: 12.75 min Scan# 1813

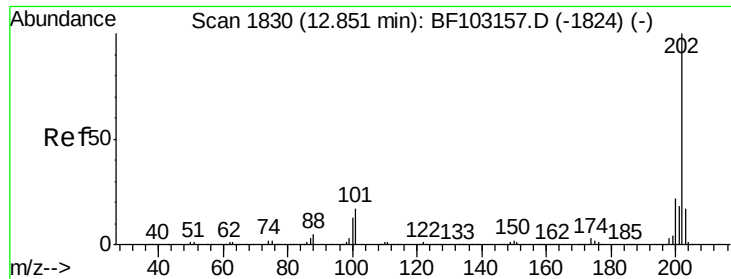
Delta R.T. 0.00 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.6	18.8
183	10.6	9.3	13.9





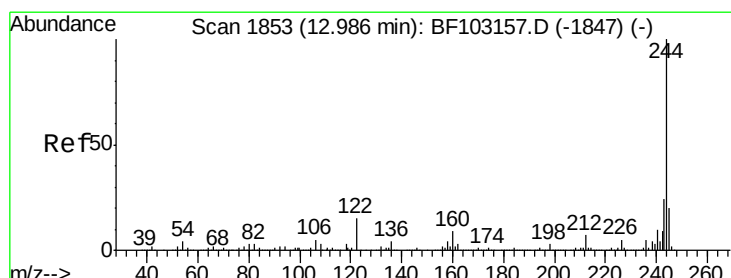
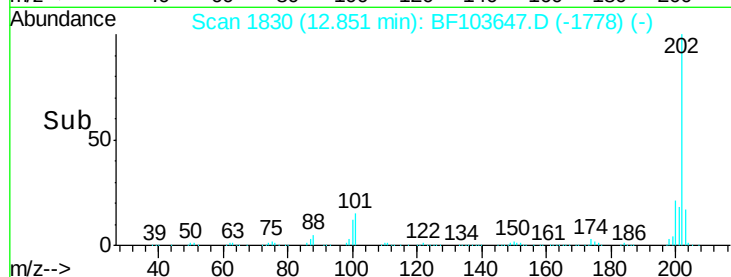
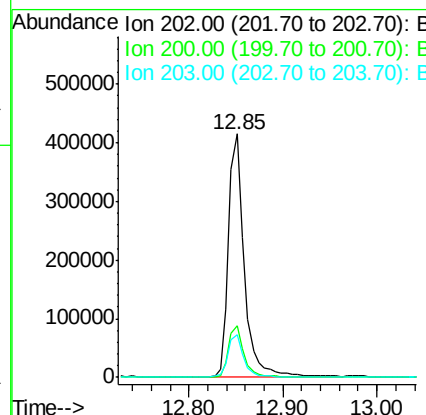
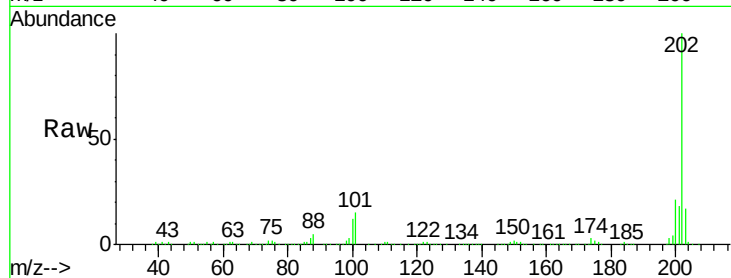
#77
Pvrene
Concen: 32.627 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	483953		
200	21.1		17.4	26.2
203	17.4		14.3	21.5

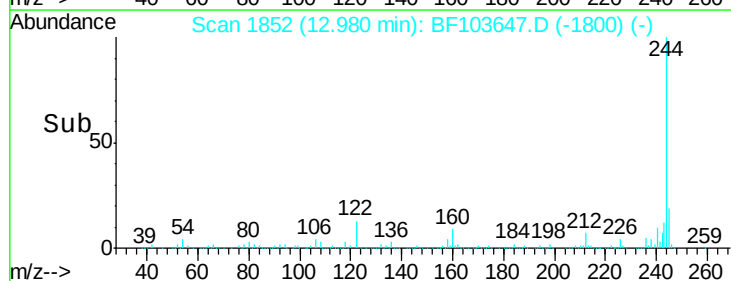
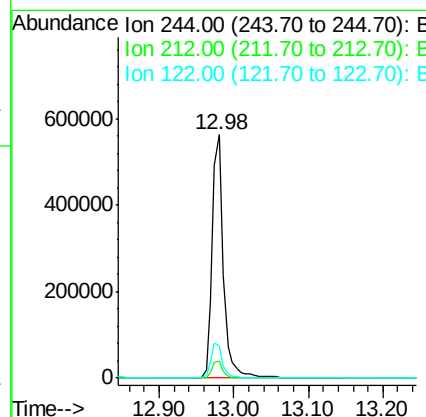
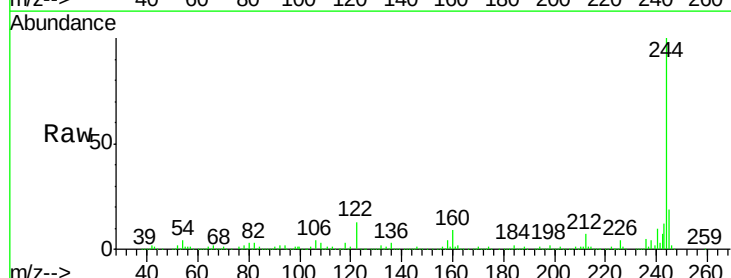
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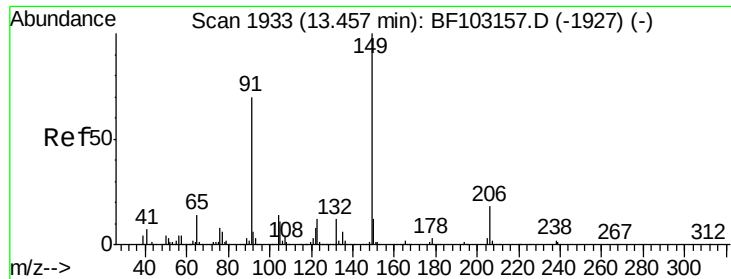
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#78
Terphenyl-d14
Concen: 75.634 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	598595		
212	7.0		5.4	8.0
122	13.3		11.0	16.4





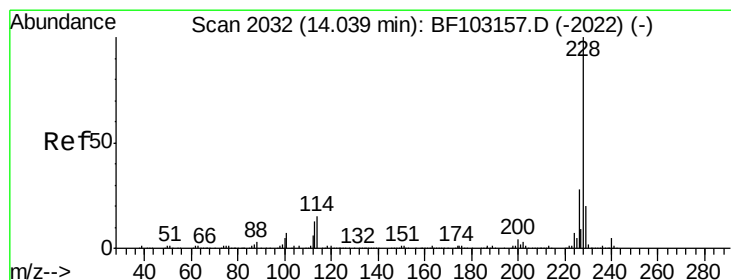
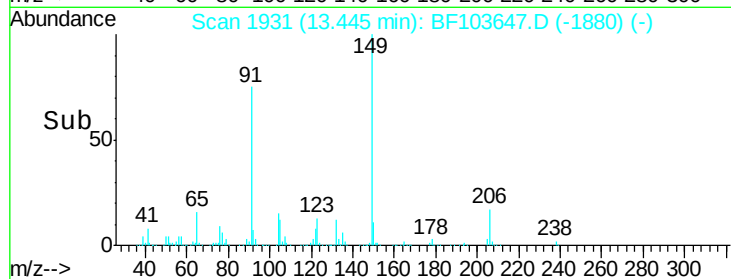
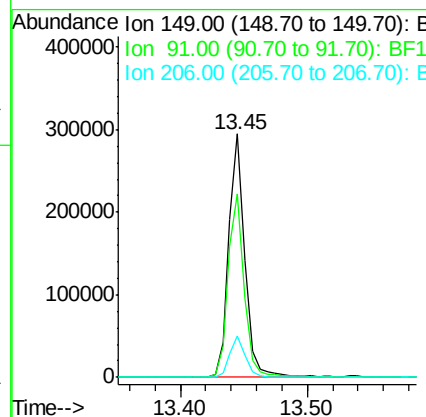
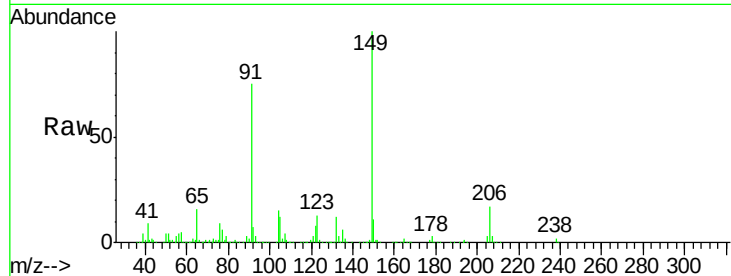
#79
Butylbenzylphthalate
Concen: 33.127 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	56.8	85.2
206	17.1	14.1	21.1

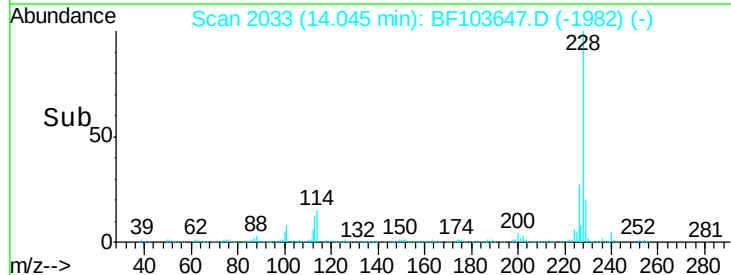
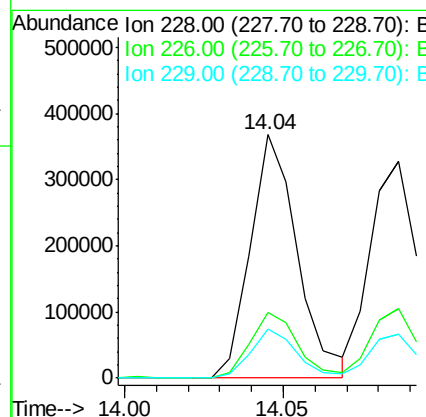
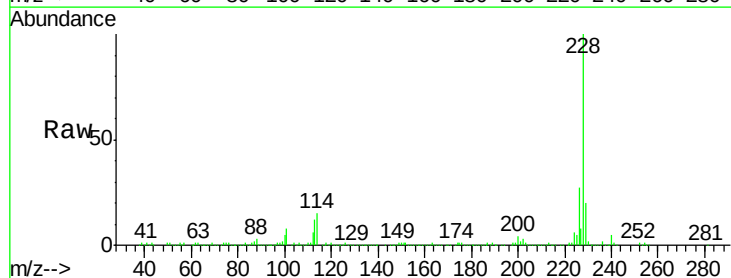
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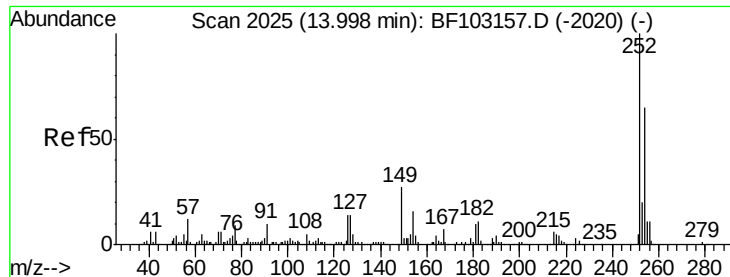
Sohil
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#80
Benzo(a)anthracene
Concen: 30.682 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	15.8	23.6





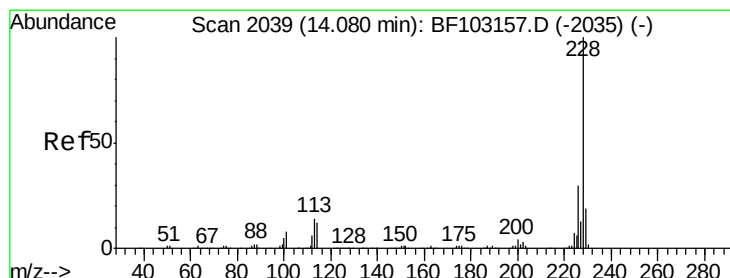
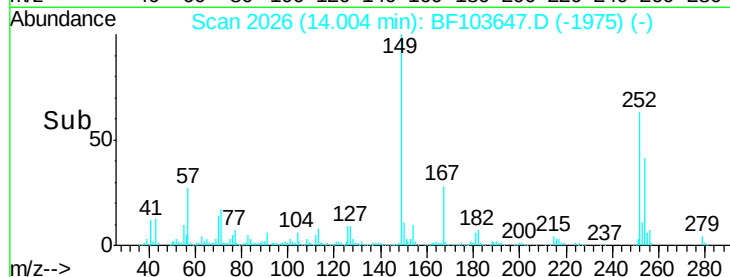
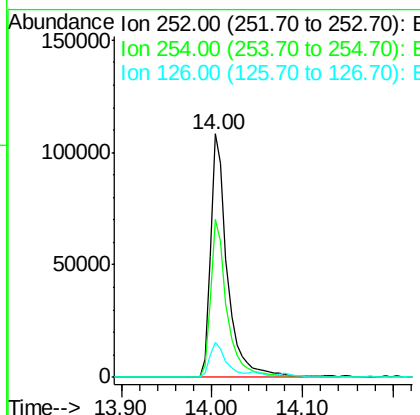
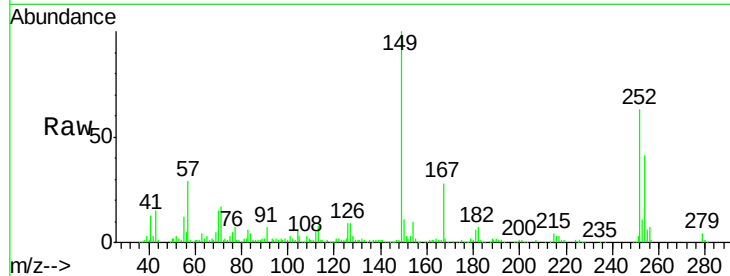
#81
 3,3'-Dichlorobenzidine
 Concen: 32.140 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	141587		
254	64.9	50.4	75.6	
126	14.1	11.3	16.9	

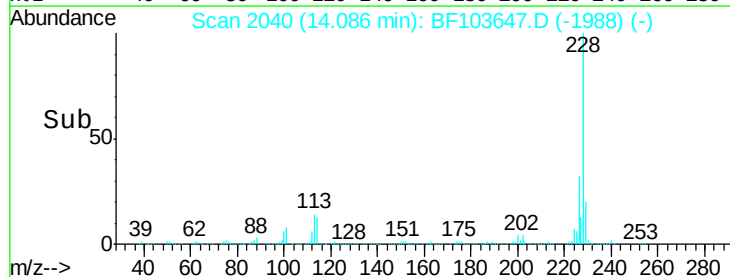
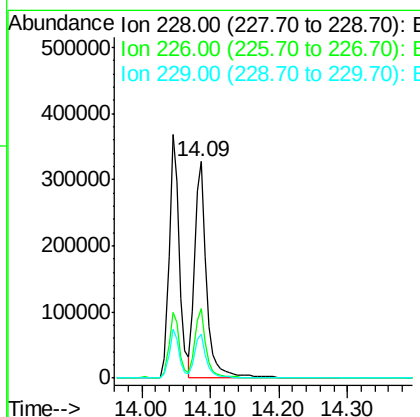
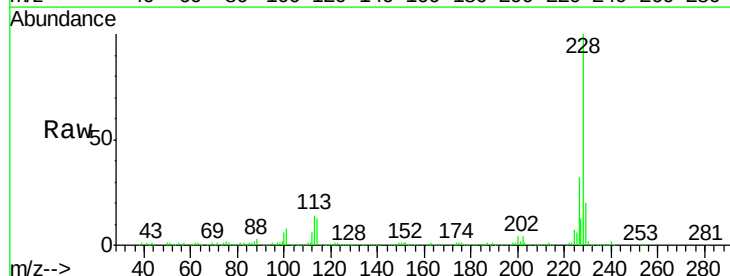
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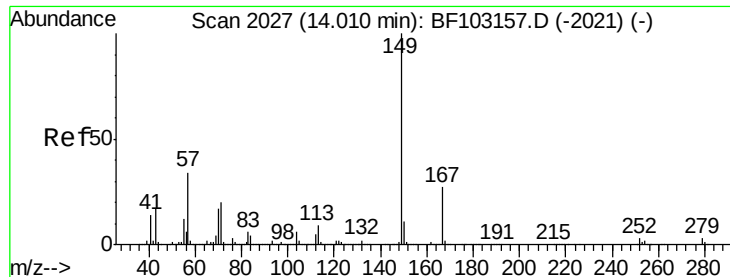
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#82
 Chrysene
 Concen: 32.549 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	390126		
226	32.0	25.0	37.6	
229	20.4	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.894 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Instrument :

BNA_F

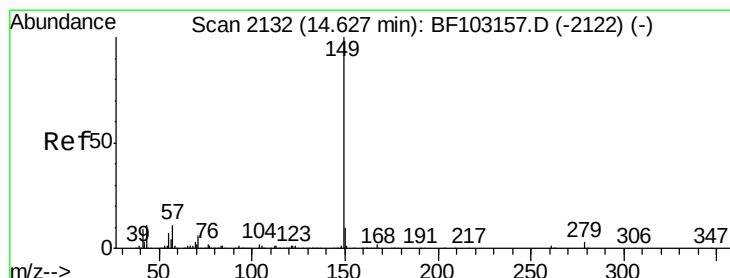
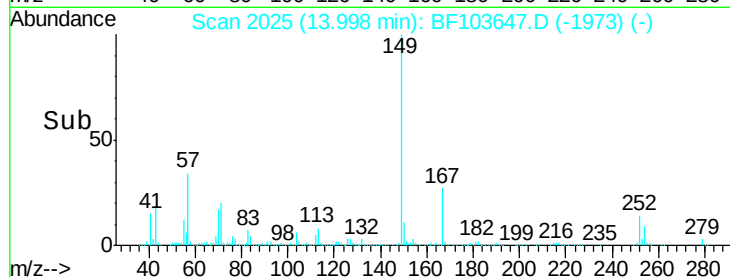
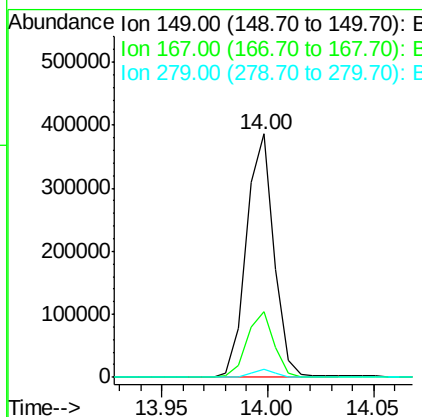
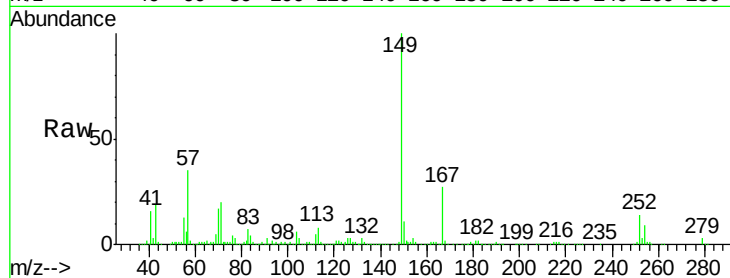
ClientSampleId :

TP-5B-COMPMS

Tot Ion:	149	Resp:	347877
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	3.1	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 34.750 ng

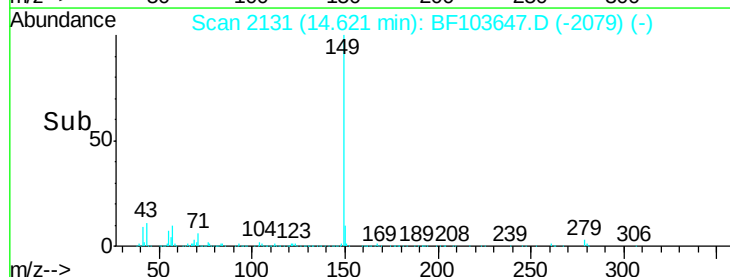
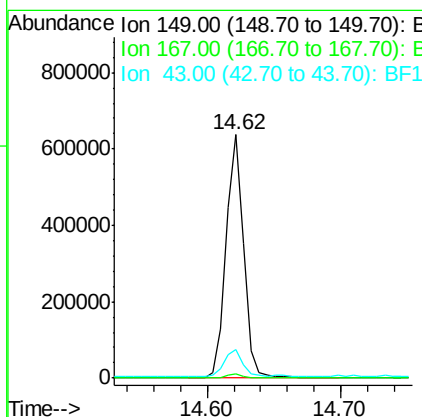
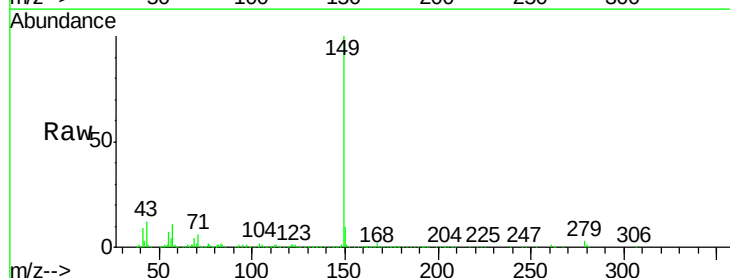
RT: 14.62 min Scan# 2131

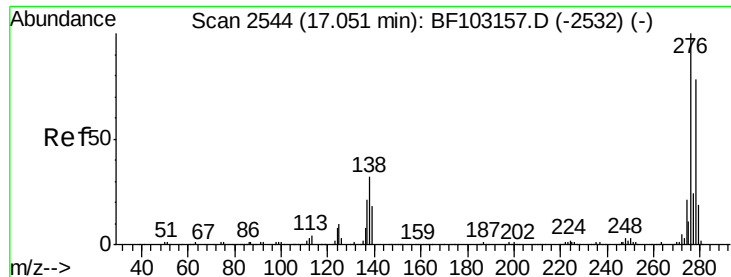
Delta R.T. 0.01 min

Lab File: BF103647.D

Acq: 14 Mar 2018 18:12

Tgt Ion:	149	Resp:	593773
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.4	8.4	12.6





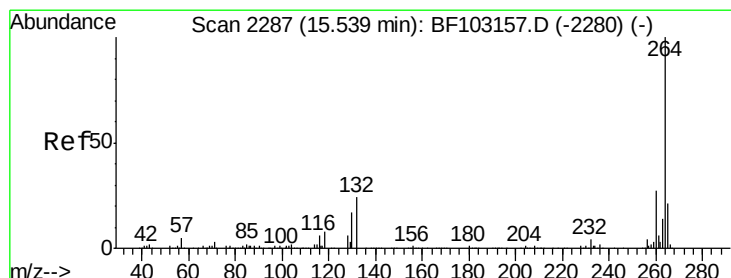
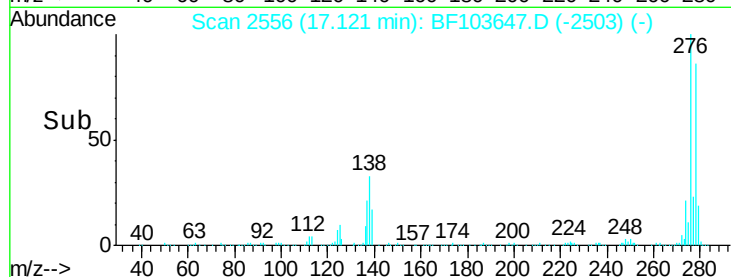
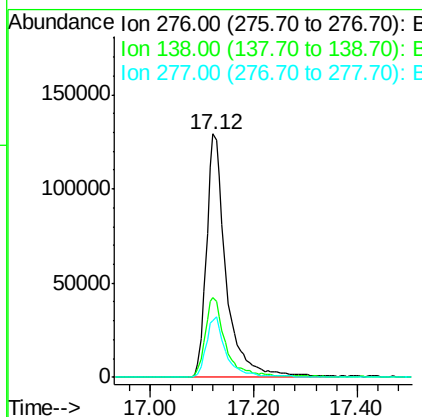
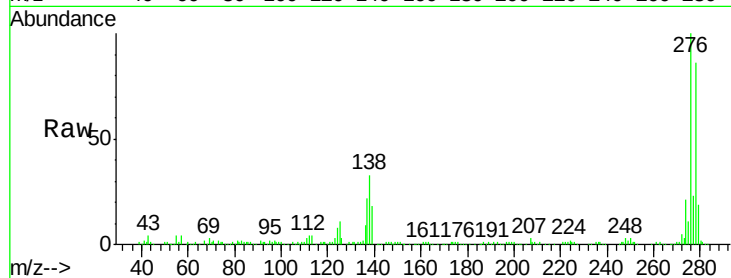
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.315 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampled :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	24.6	20.1	30.1

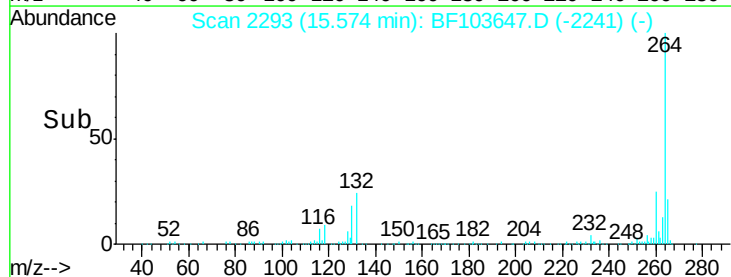
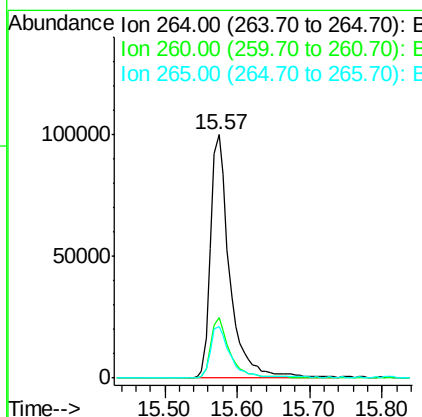
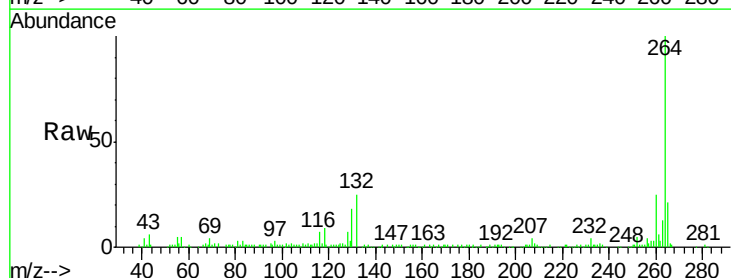
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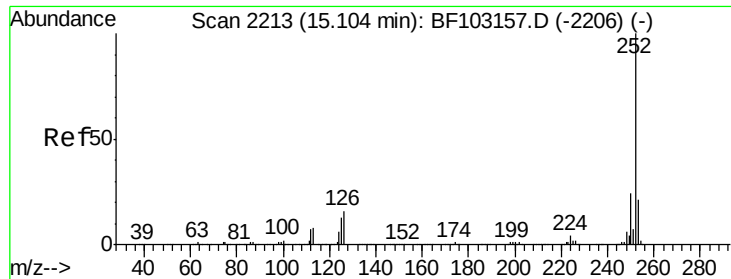
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.3	17.5	26.3





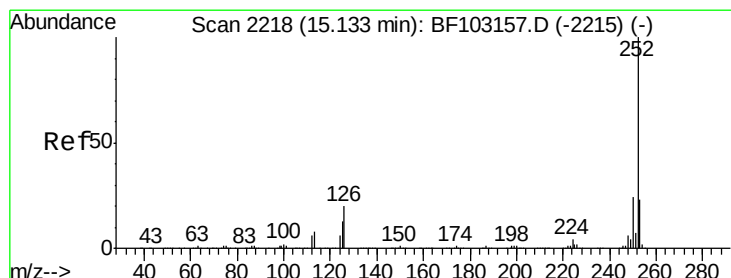
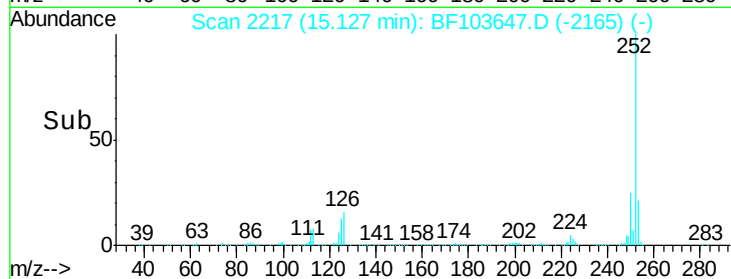
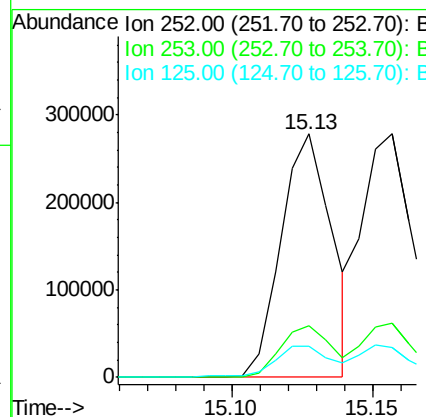
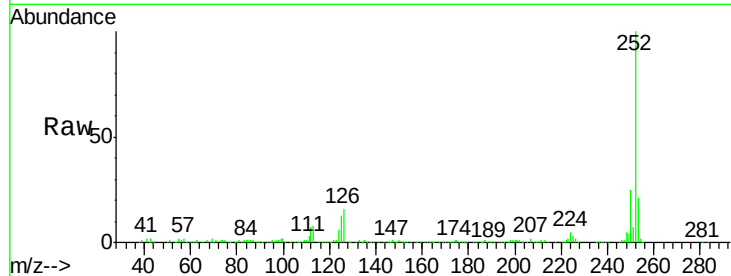
#87
Benzo(b)fluoranthene
Concen: 28.576 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	13.0	9.0	13.6

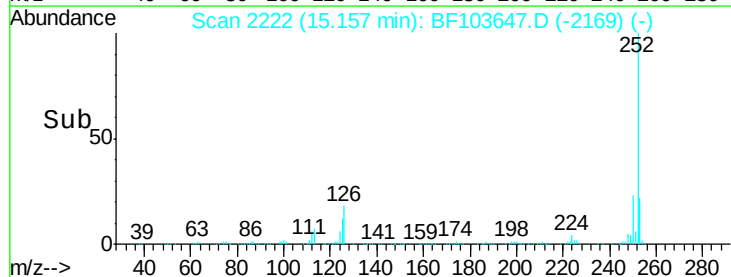
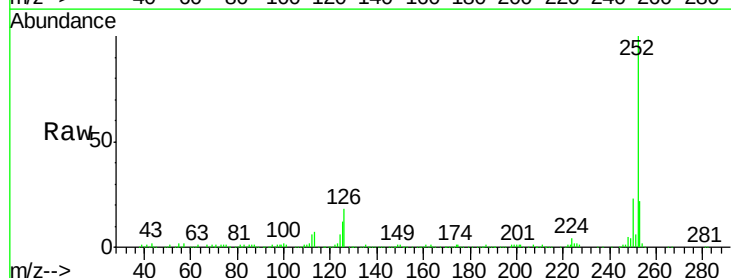
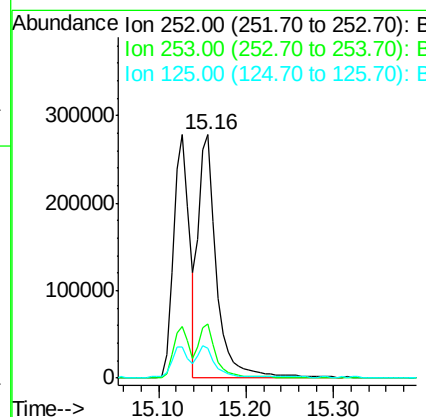
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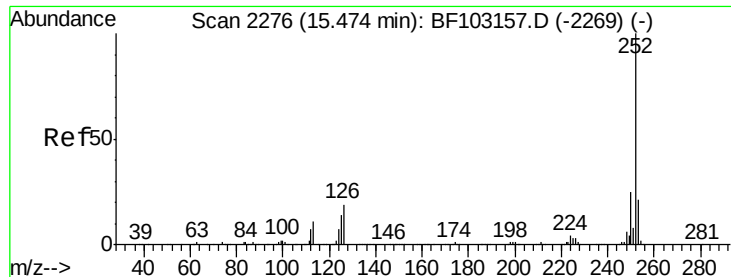
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#88
Benzo(k)fluoranthene
Concen: 35.050 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.1	10.2	15.2





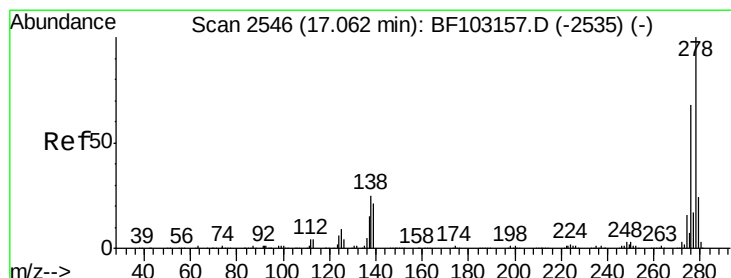
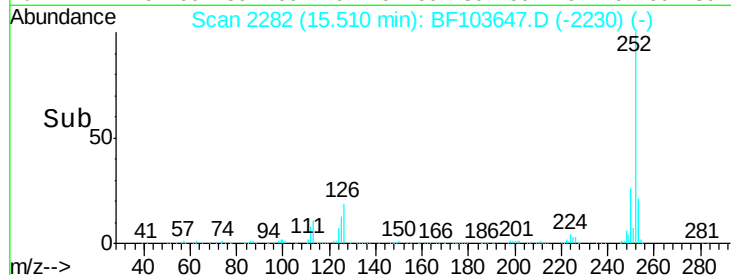
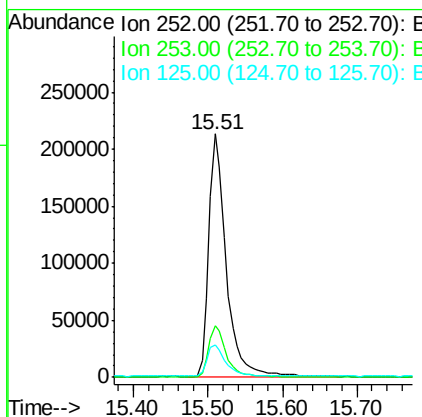
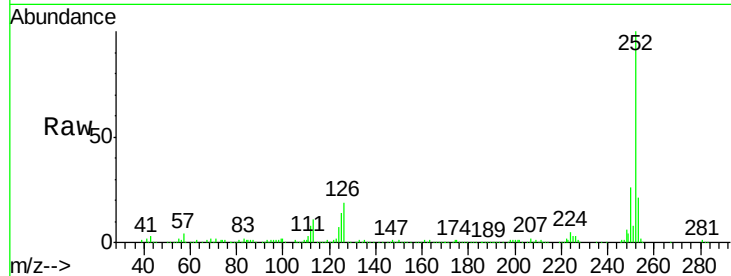
#89
Benzo(a)pyrene
Concen: 31.913 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	13.5	9.8	14.6

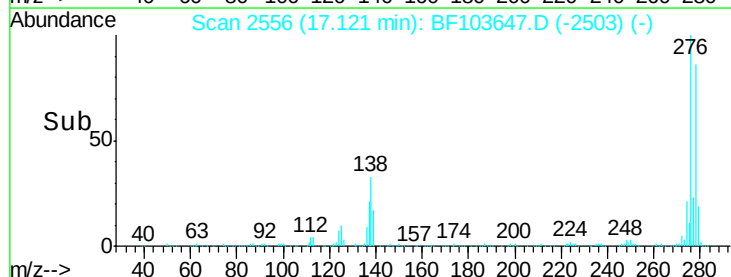
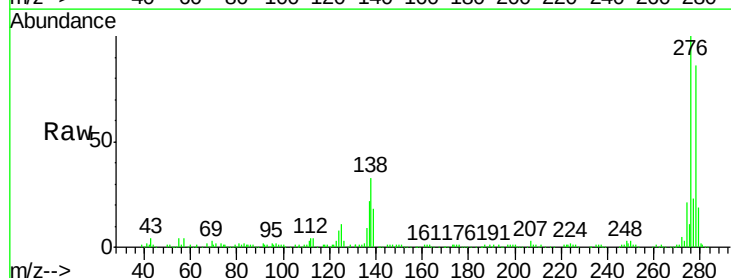
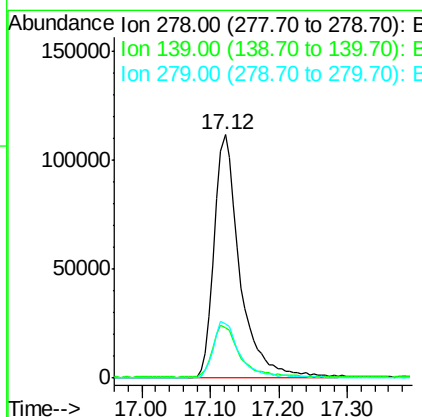
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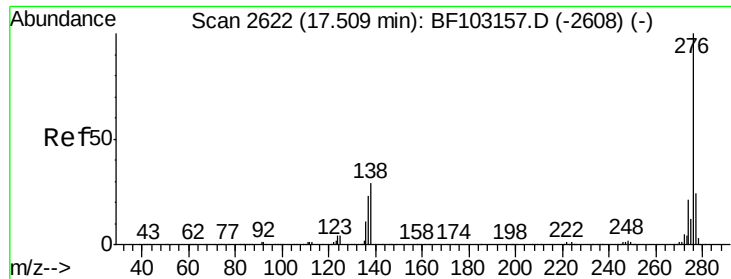
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#90
Dibenzo(a,h)anthracene
Concen: 34.944 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103647.D
Acq: 14 Mar 2018 18:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.9	23.9
279	22.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.581 ng
 RT: 17.60 min Scan# 2637
 Delta R.T. 0.01 min
 Lab File: BF103647.D
 Acq: 14 Mar 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMS

Tot Ion:	276	Resp:	274852
Ion Ratio	Lower	Upper	
276	100		
277	22.9	17.9	26.9
138	28.1	21.8	32.8

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