

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103367.D
 Acq On : 2 Mar 2018 16:12
 Operator : SJ/JU
 Sample : PB106972BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:13:11 PM

Quant Time: Mar 02 22:16:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151212	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	617961	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	283683	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	478332	20.00	ng	0.00
75) Chrysene-d12	14.07	240	340202	20.00	ng	0.00
86) Perylene-d12	15.57	264	307204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1120827	112.11	ng	0.01
7) Phenol-d6	6.52	99	1337360	109.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	900417	83.21	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	254995	106.19	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1286973	76.24	ng	0.00
78) Terphenyl-d14	13.00	244	1165406	82.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	169563	32.111	ng	92
3) Pyridine	3.49	79	505579	35.863	ng	98
4) n-Nitrosodimethylamine	3.43	42	274612	48.300	ng	95
6) Aniline	6.55	93	556124	31.497	ng	94
8) 2-Chlorophenol	6.67	128	406724	39.160	ng	97
9) Benzaldehyde	6.43	77	192767	22.927	ng	97
10) Phenol	6.53	94	536578	37.781	ng	81
11) bis(2-Chloroethyl)ether	6.62	93	428352	39.739	ng	95
12) 1,3-Dichlorobenzene	6.82	146	420869	35.459	ng	96
13) 1,4-Dichlorobenzene	6.89	146	426080	35.806	ng	100
14) 1,2-Dichlorobenzene	7.05	146	388977	35.450	ng	99
15) Benzyl Alcohol	7.02	79	364693	39.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	674790	36.455	ng	83
17) 2-Methylphenol	7.13	107	358112	37.941	ng	# 94
18) Hexachloroethane	7.38	117	157775	36.421	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	287576	37.769	ng	95
20) 3+4-Methylphenols	7.29	107	413249	35.917	ng	# 63
22) Acetophenone	7.29	105	546093	37.859	ng	# 86
24) Nitrobenzene	7.46	77	484443	40.663	ng	95
25) Isophorone	7.70	82	877285	41.164	ng	97
26) 2-Nitrophenol	7.78	139	234652	41.838	ng	97
27) 2,4-Dimethylphenol	7.82	122	382076	44.568	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	526018	41.981	ng	99
29) 2,4-Dichlorophenol	8.02	162	342440	41.722	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	314314	35.961	ng	99
31) Naphthalene	8.18	128	1125699	37.208	ng	100
32) Benzoic acid	7.96	122	262211	42.203	ng	94
33) 4-Chloroaniline	8.23	127	376123	28.810	ng	97
34) Hexachlorobutadiene	8.29	225	156261	34.332	ng	99
35) Caprolactam	8.62	113	126058m	43.700	ng	
36) 4-Chloro-3-methylphenol	8.72	107	391812	42.323	ng	100
37) 2-Methylnaphthalene	8.87	142	761596	38.951	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	277947	35.839	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	172930	65.119	ng	97

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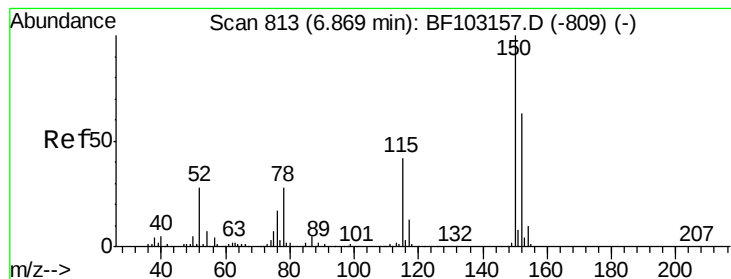
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	207755	39.812	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	224581	37.418	nq	98
45) 1,1'-Biphenyl	9.34	154	862698	36.292	nq	99
46) 2-Chloronaphthalene	9.37	162	690405	36.711	nq	97
47) 2-Nitroaniline	9.47	65	288061	41.351	nq	88
48) Acenaphthylene	9.78	152	1045396	36.129	nq	100
49) Dimethylphthalate	9.63	163	833004	36.603	nq	100
50) 2,6-Dinitrotoluene	9.71	165	182017	38.113	nq	93
51) Acenaphthene	9.96	154	620428	36.771	nq	98
52) 3-Nitroaniline	9.88	138	183278	30.248	nq	94
53) 2,4-Dinitrophenol	10.00	184	138392	80.198	nq	# 17
54) Dibenzofuran	10.13	168	880464	38.014	nq	96
55) 4-Nitrophenol	10.06	139	253315	67.456	nq	89
56) 2,4-Dinitrotoluene	10.12	165	233296	38.625	nq	# 89
57) Fluorene	10.47	166	712693	36.121	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	162897	40.402	nq	96
59) Diethylphthalate	10.33	149	840784	38.629	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	316463	37.822	nq	99
61) 4-Nitroaniline	10.50	138	226144	37.367	nq	99
62) Azobenzene	10.62	77	890139	40.178	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	102293	36.471	nq	89
65) n-Nitrosodiphenylamine	10.58	169	646050	38.791	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	188137	37.757	nq	91
67) Hexachlorobenzene	11.02	284	197707	36.556	nq	98
68) Atrazine	11.11	200	201688	40.290	nq	99
69) Pentachlorophenol	11.22	266	174573	66.758	nq	99
70) Phenanthrene	11.44	178	979360	37.204	nq	99
71) Anthracene	11.49	178	1028442	38.099	nq	99
72) Carbazole	11.65	167	999296	37.175	nq	99
73) Di-n-butylphthalate	11.96	149	1275254	37.913	nq	99
74) Fluoranthene	12.63	202	1017739	38.474	nq	99
76) Benzidine	12.75	184	327468	25.747	nq	97
77) Pyrene	12.86	202	1036911	39.093	nq	100
79) Butylbenzylphthalate	13.46	149	556067	39.680	nq	97
80) Benzo(a)anthracene	14.06	228	876028	39.687	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	244169	30.995	nq	99
82) Chrysene	14.10	228	829911	38.721	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	691185	36.549	nq	99
84) Di-n-octyl phthalate	14.64	149	1271992	41.630	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	648099	38.196	nq	99
87) Benzo(b)fluoranthene	15.13	252	790439	39.134	nq	98
88) Benzo(k)fluoranthene	15.16	252	765903	40.268	nq	100
89) Benzo(a)pyrene	15.52	252	725289	40.211	nq	99
90) Dibenzo(a,h)anthracene	17.12	278	529888	38.019	nq	97
91) Benzo(g,h,i)perylene	17.58	276	545701	40.061	nq	99

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



#1

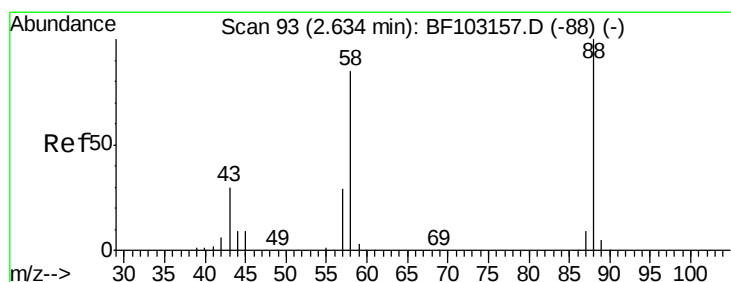
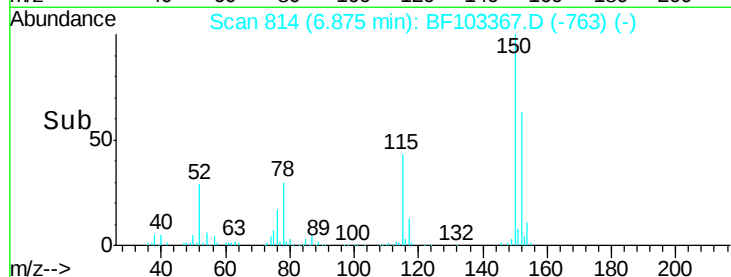
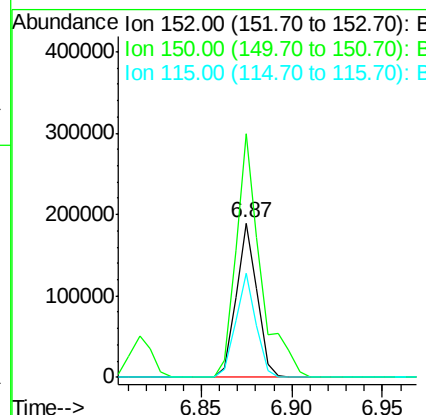
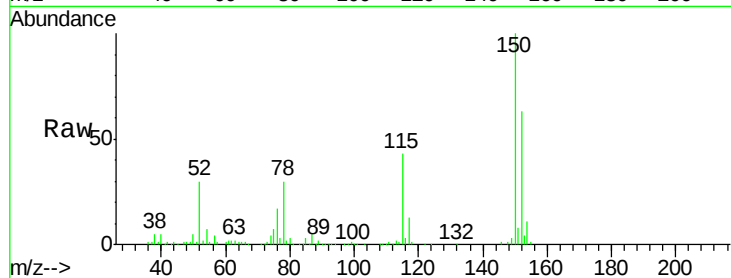
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	67.1	50.1	75.1

Manual Integrations
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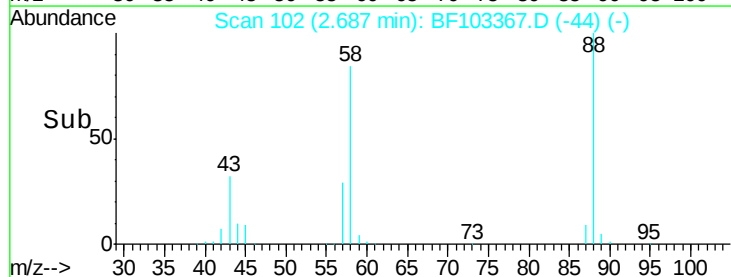
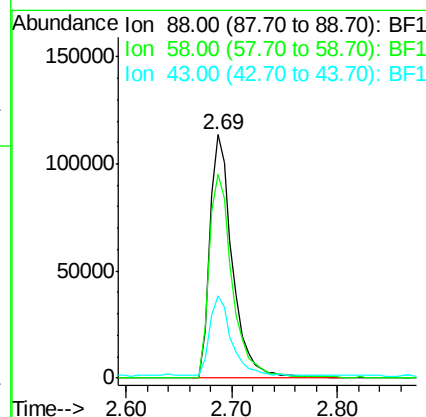
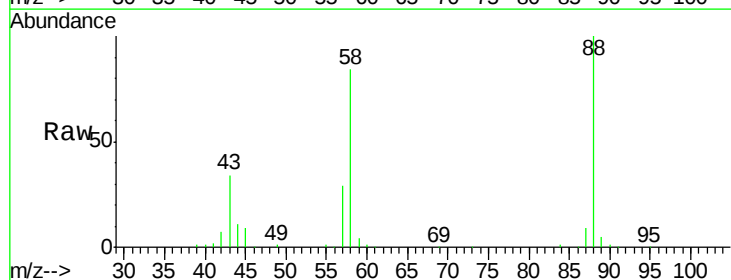
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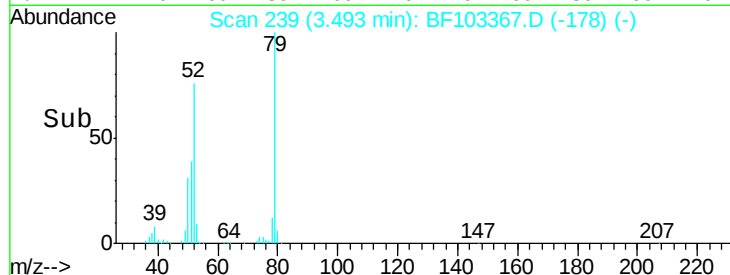
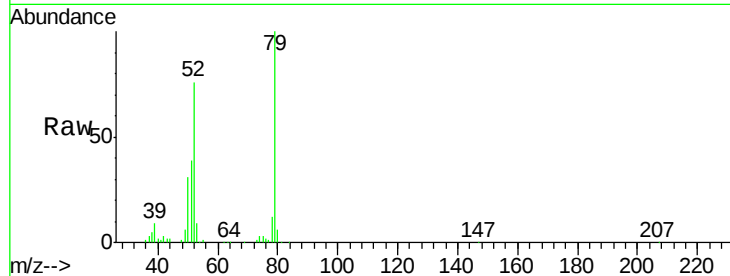
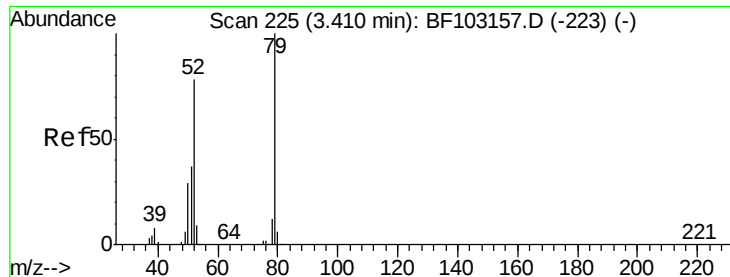


#2

1,4-Dioxane
Concen: 32.111 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.04 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	62.6	93.8
43	31.4	24.6	37.0





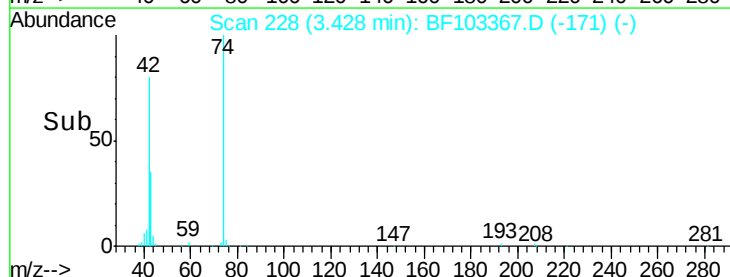
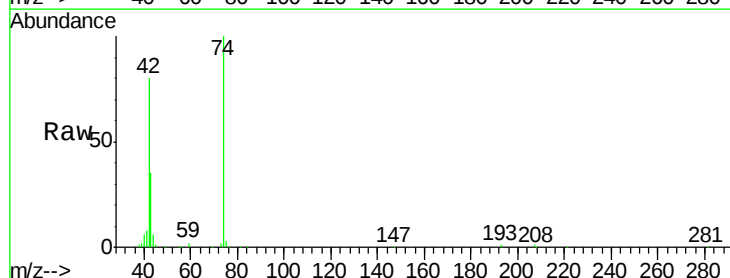
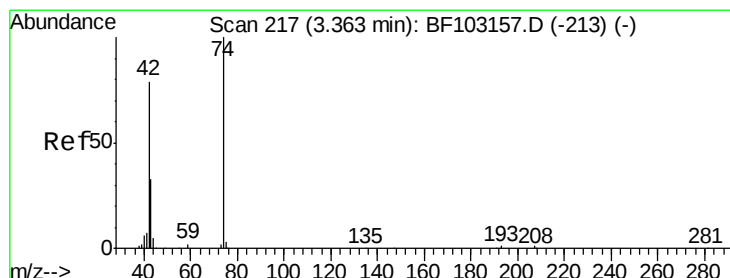
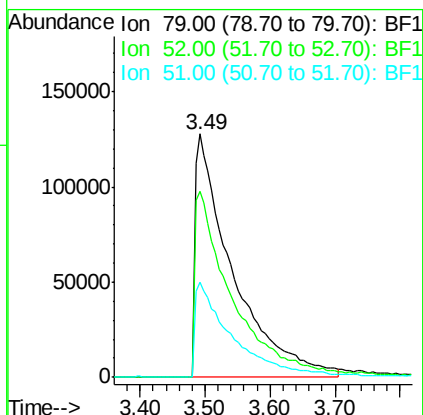
#3
 Pvridine
 Concen: 35.863 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.3	59.8	89.6
51	39.0	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

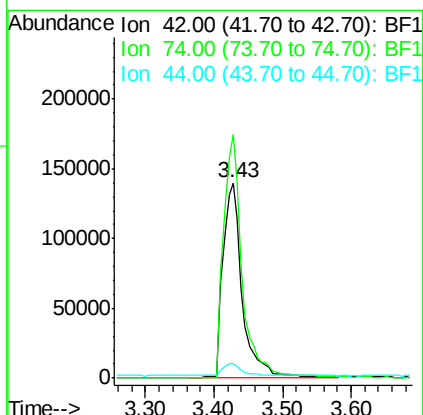
Manual Integrations
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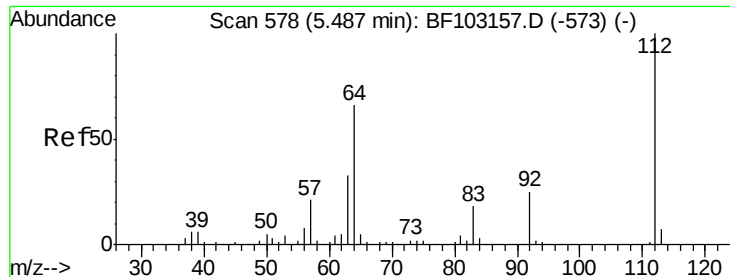
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#4
 n-Nitrosodimethylamine
 Concen: 48.300 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.04 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.6	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 112.106 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

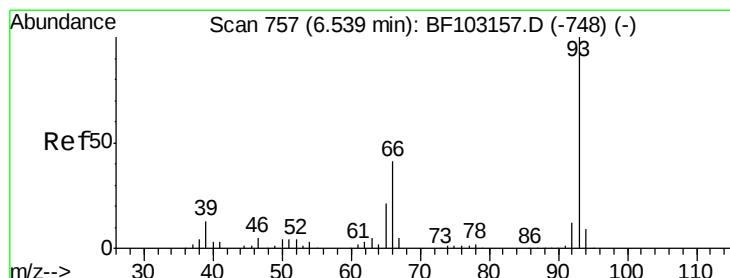
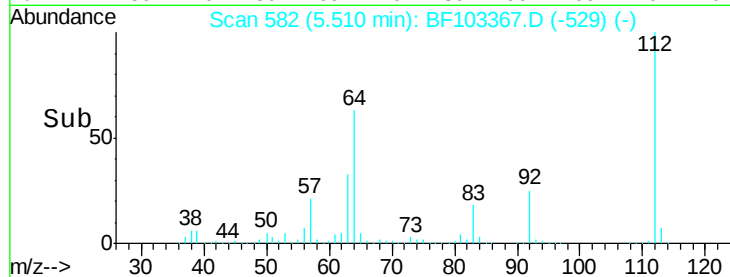
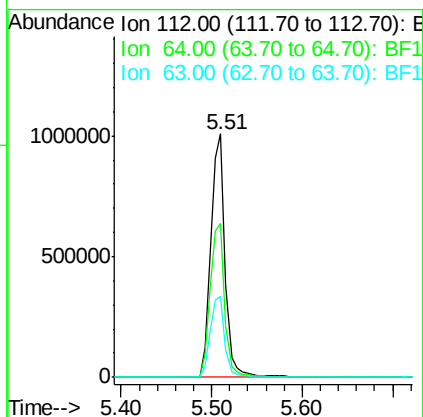
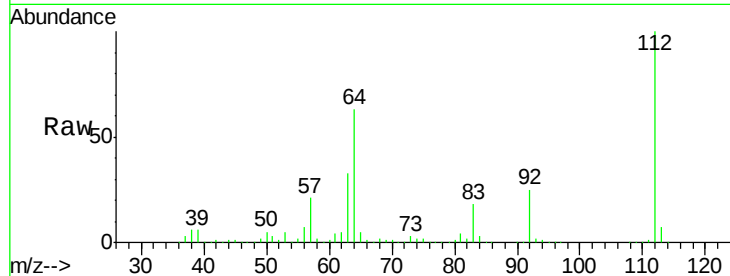
ClientSampleId :

PB106972BS

Tot Ion:	112	Resp:	1120827
Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	33.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 31.497 ng

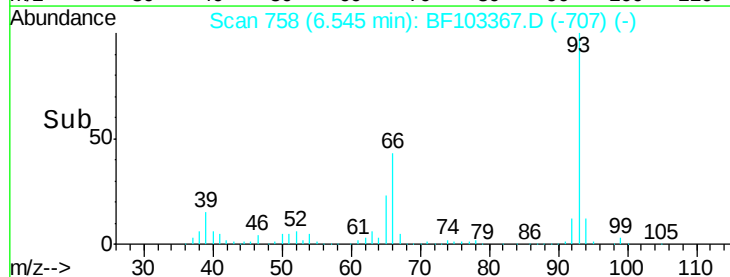
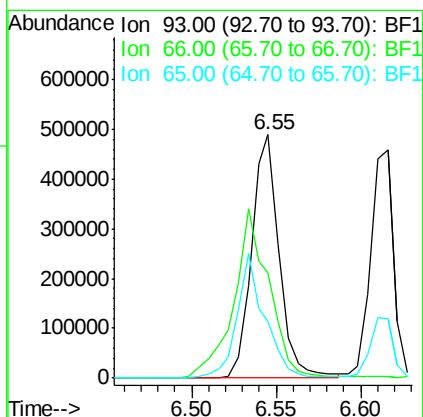
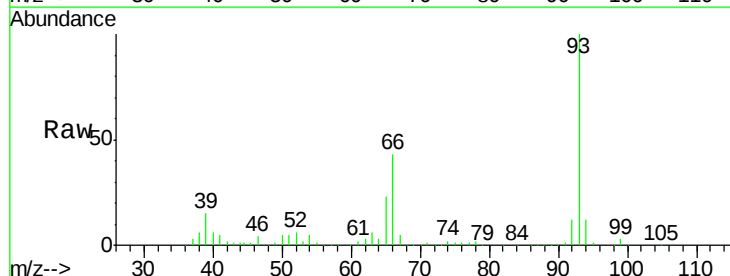
RT: 6.55 min Scan# 758

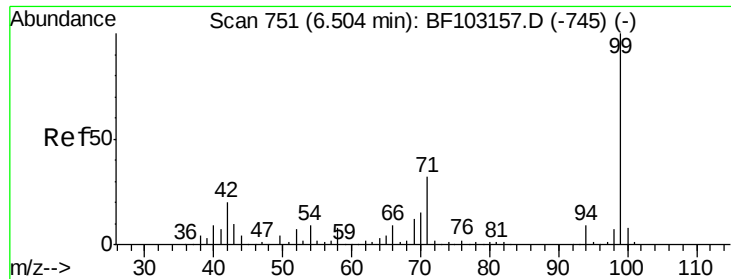
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	93	Resp:	556124
Ion	Ratio	Lower	Upper
93	100		
66	43.5	32.2	48.2
65	23.4	16.4	24.6





#7

Phenol-d6

Concen: 109.315 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampled :

PB106972BS

Tot Ion: 99 Resp: 1337360

Ion Ratio Lower Upper

99 100

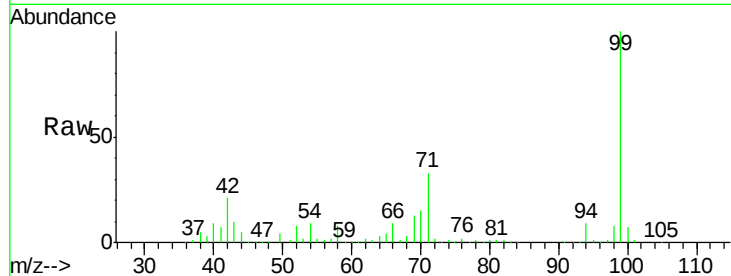
42 21.3 14.5 21.7

71 33.1 25.4 38.0

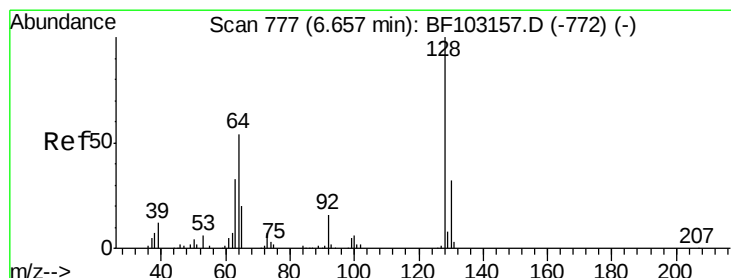
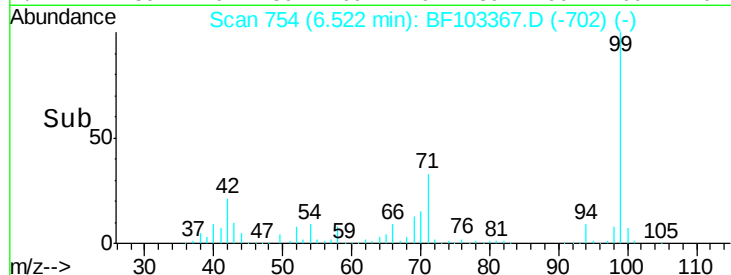
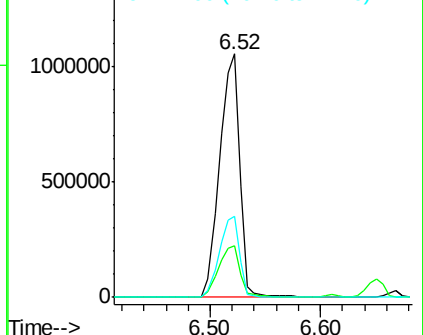
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.160 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

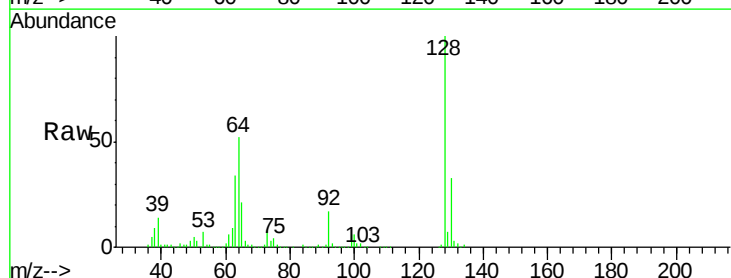
Tgt Ion:128 Resp: 406724

Ion Ratio Lower Upper

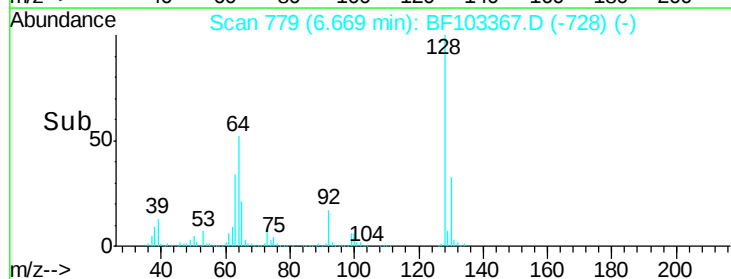
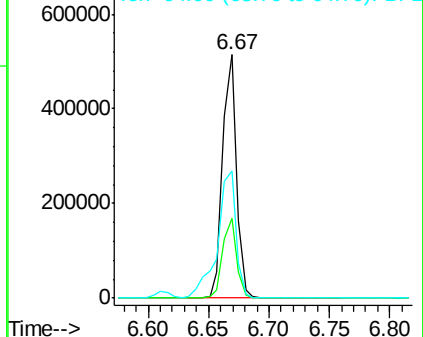
128 100

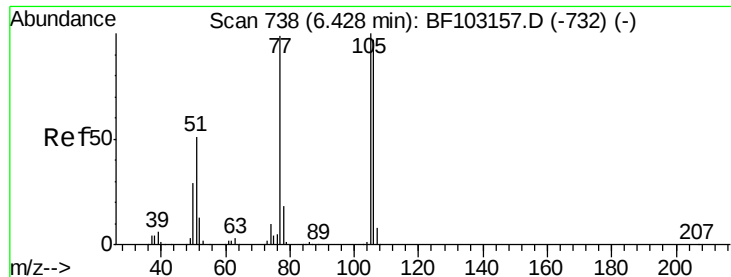
130 32.9 13.0 53.0

64 52.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.927 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

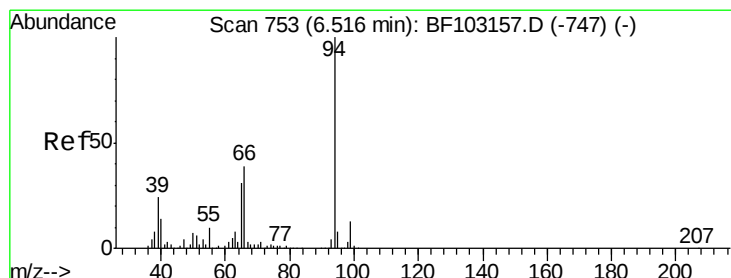
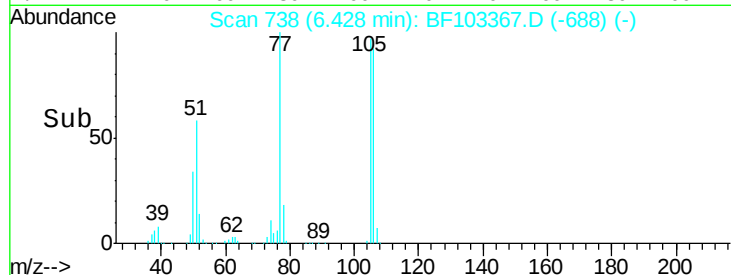
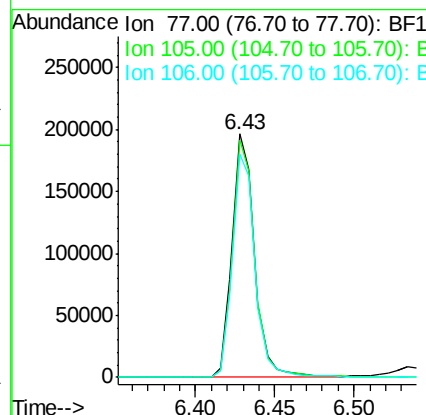
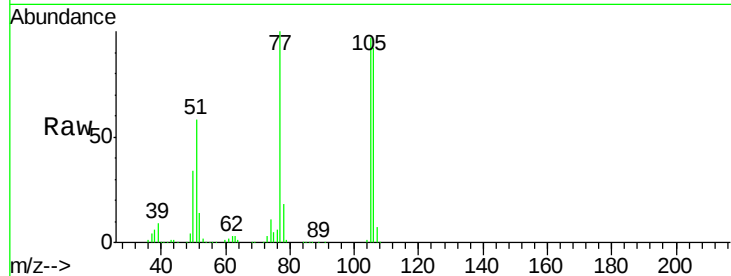
ClientSampled :

PB106972BS

Tot Ion:	77	Resp:	192767
Ion Ratio	Lower	Upper	
77	100		
105	97.3	81.1	121.1
106	91.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.781 ng

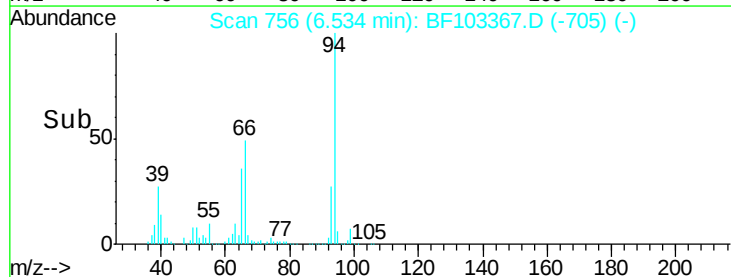
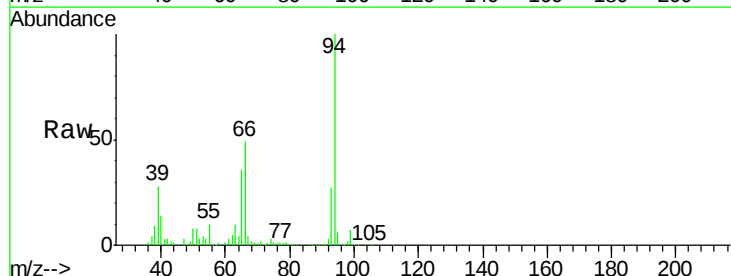
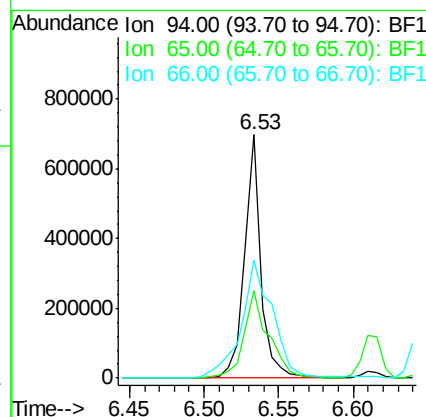
RT: 6.53 min Scan# 756

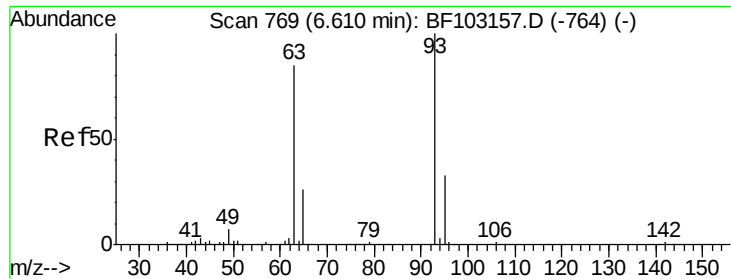
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	94	Resp:	536578
Ion Ratio	Lower	Upper	
94	100		
65	35.9	7.9	47.9
66	48.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.739 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

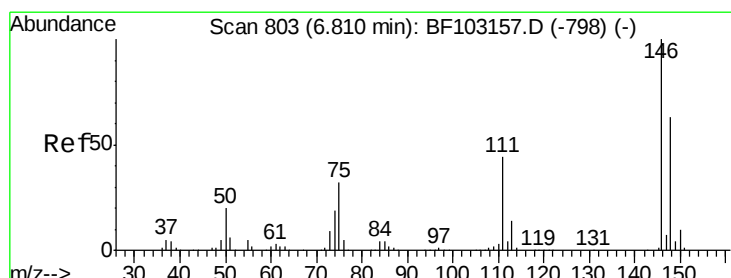
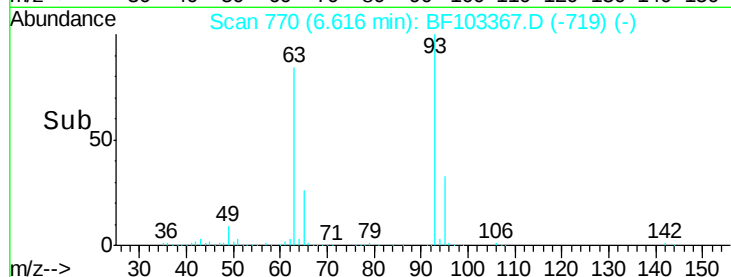
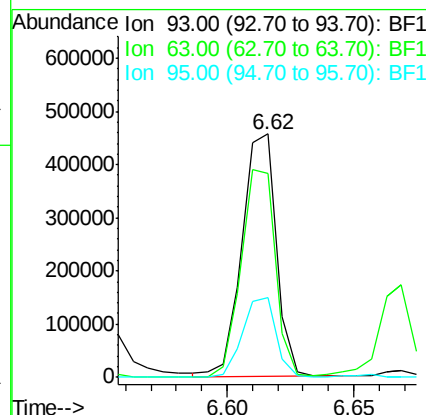
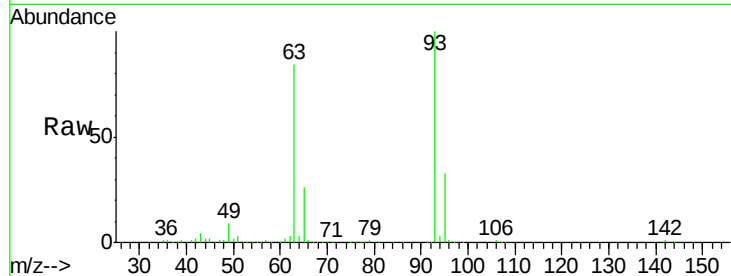
ClientSampleId :

PB106972BS

Tot Ion:	93	Resp:	428352
Ion Ratio	Lower	Upper	
93	100		
63	83.7	58.6	98.6
95	32.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 35.459 ng

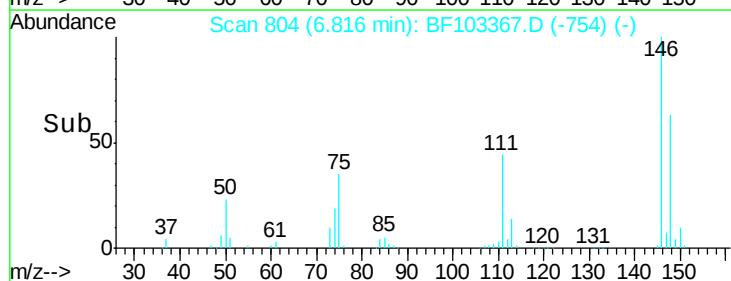
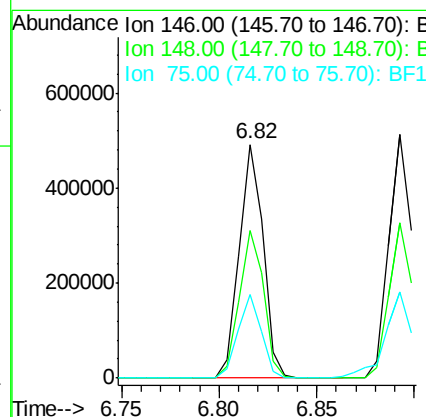
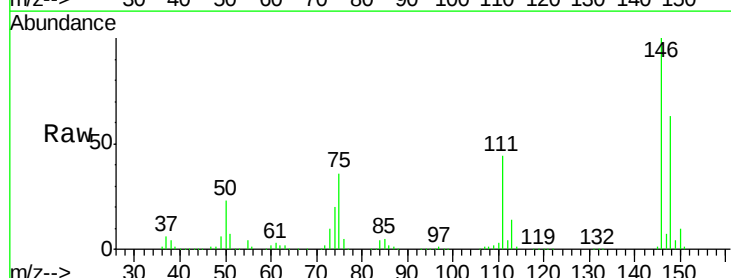
RT: 6.82 min Scan# 804

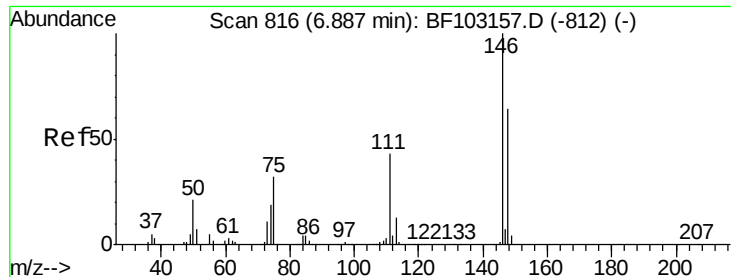
Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	146	Resp:	420869
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.8
75	35.6	24.2	36.4





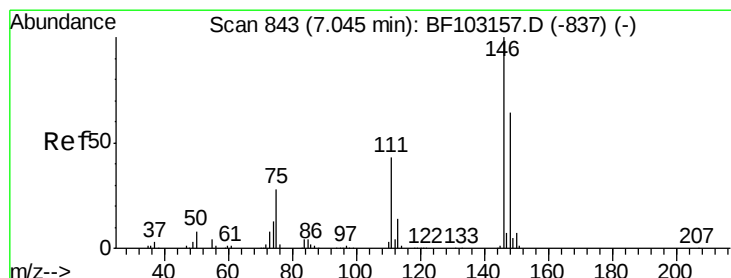
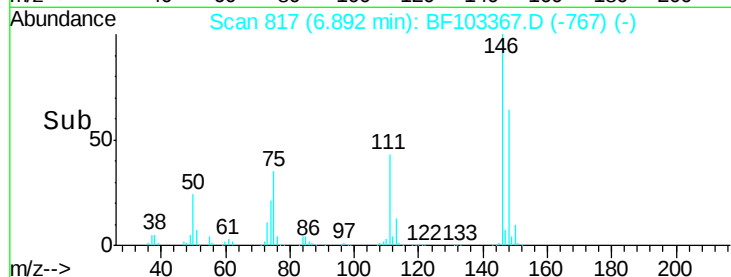
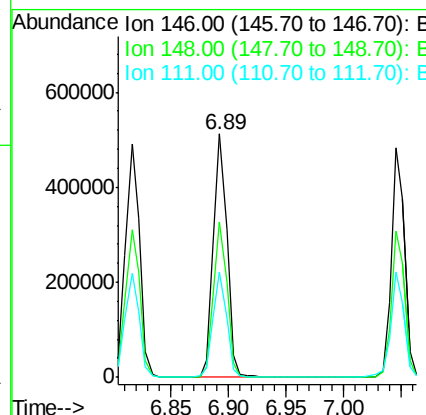
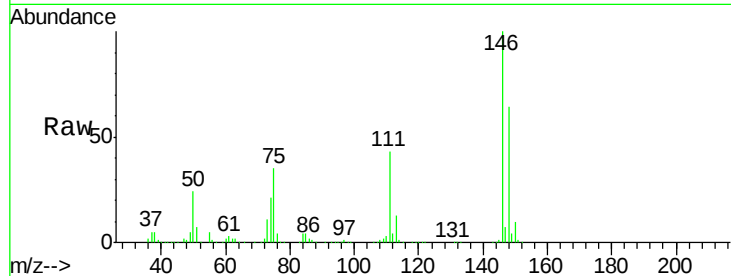
#13
 1,4-Dichlorobenzene
 Concen: 35.806 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	43.2	34.2	51.2

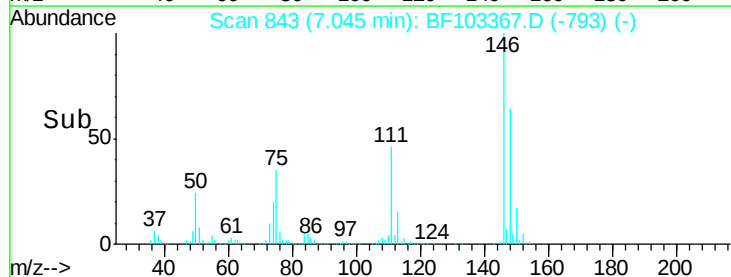
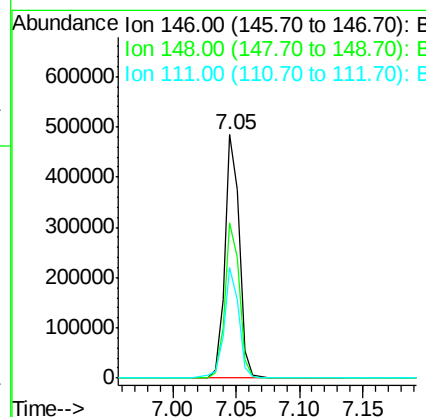
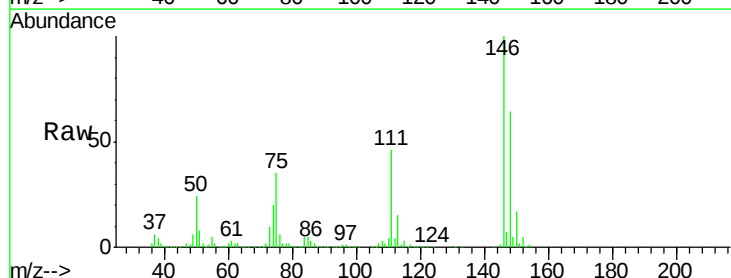
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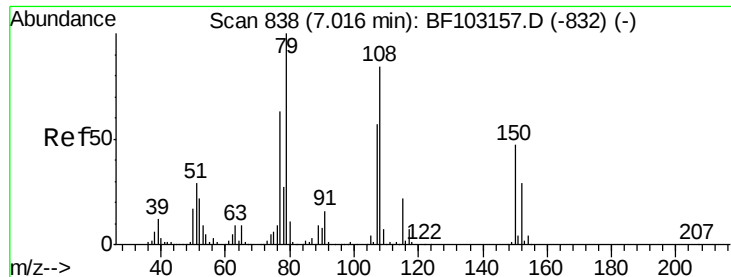
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#14
 1,2-Dichlorobenzene
 Concen: 35.450 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	45.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.559 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

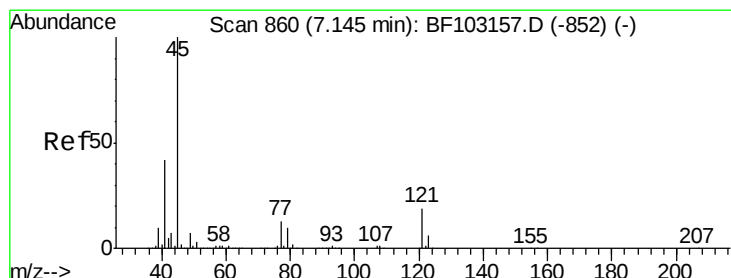
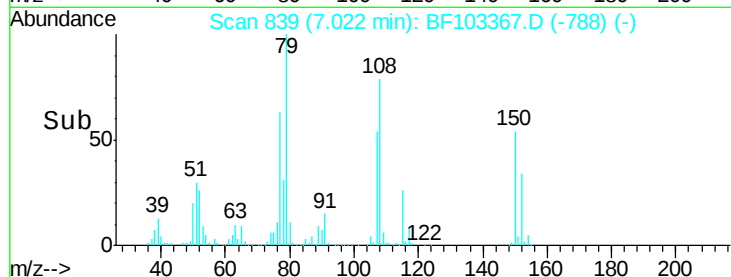
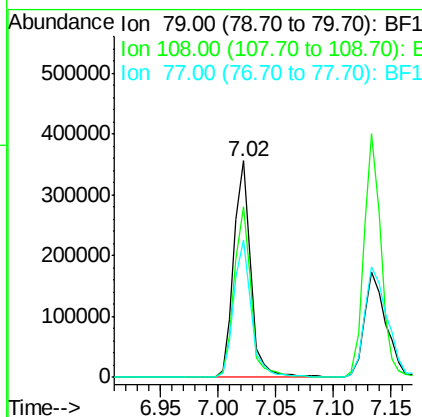
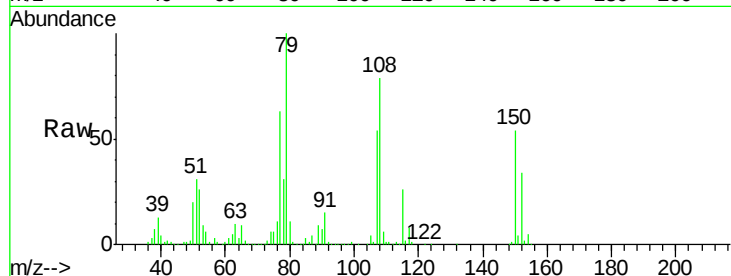
ClientSampled :

PB106972BS

Tot Ion:	79	Resp:	364693
Ion Ratio	Lower	Upper	
79	100		
108	78.8	65.1	97.7
77	63.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.455 ng

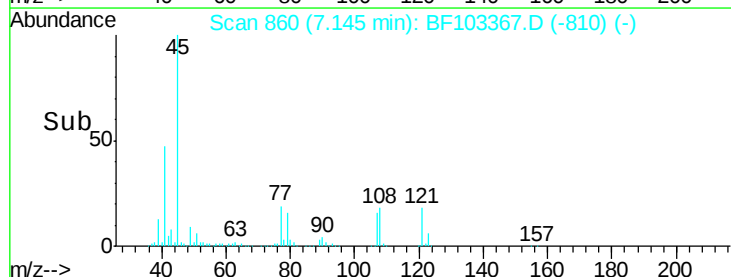
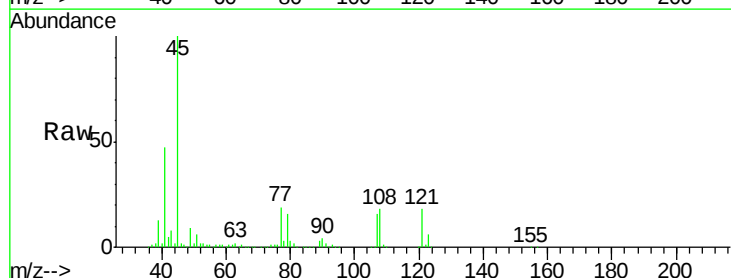
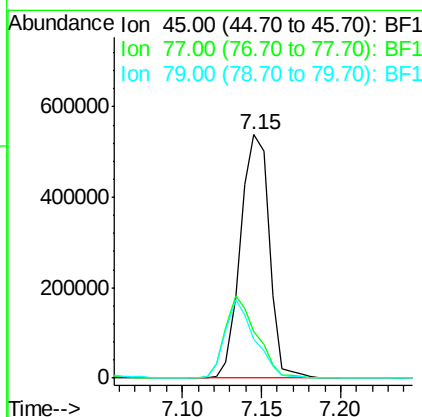
RT: 7.15 min Scan# 860

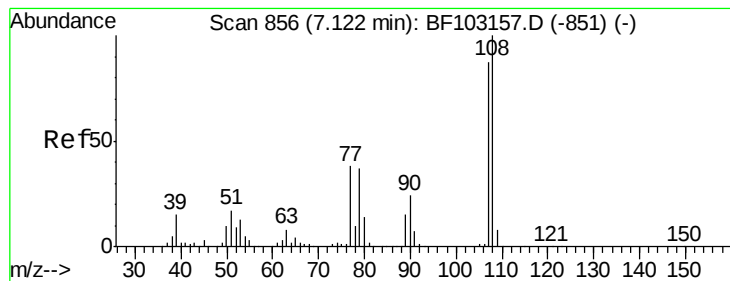
Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	45	Resp:	674790
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.0	32.9
79	16.2	0.0	29.6





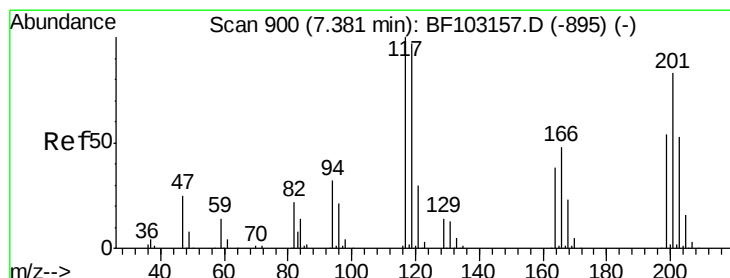
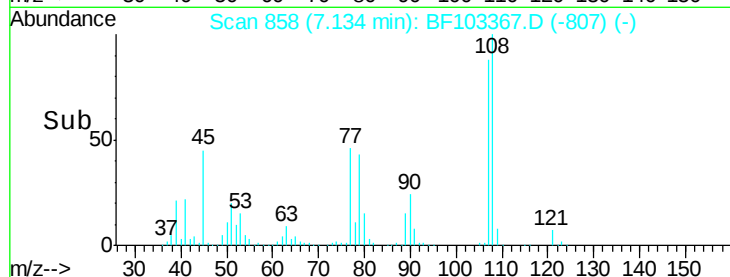
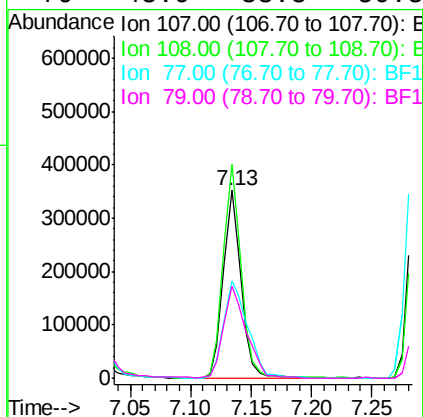
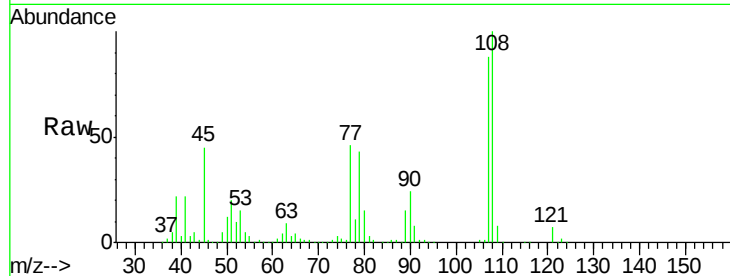
#17
2-Methylphenol
Concen: 37.941 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	51.8	33.8	50.8	
79	48.9	33.8	50.8	

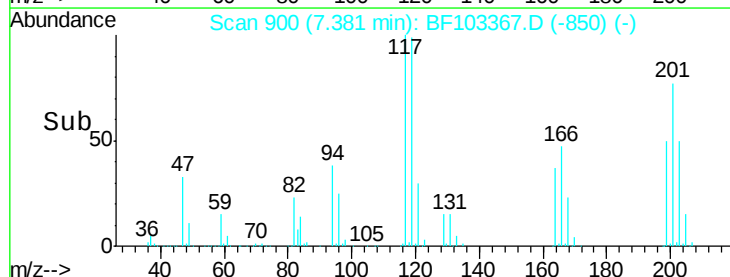
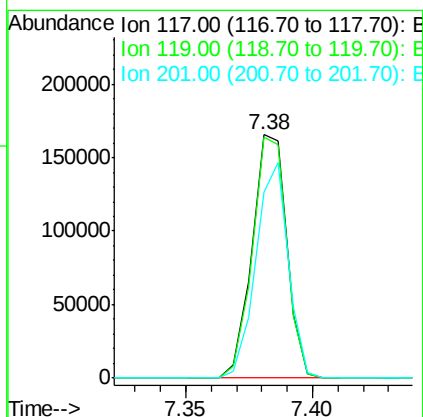
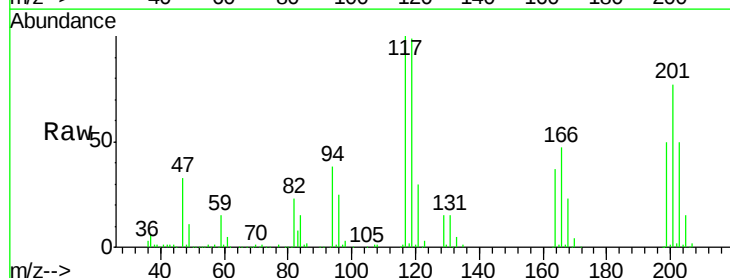
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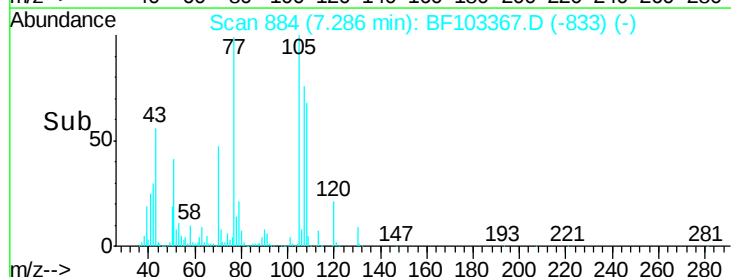
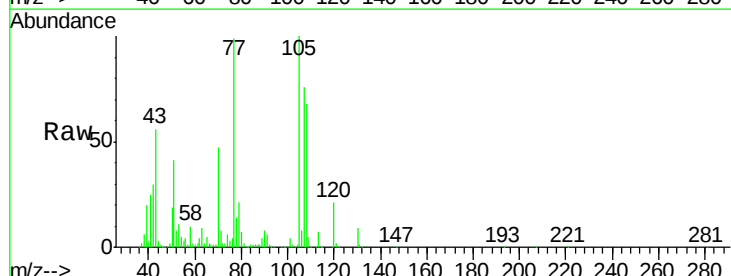
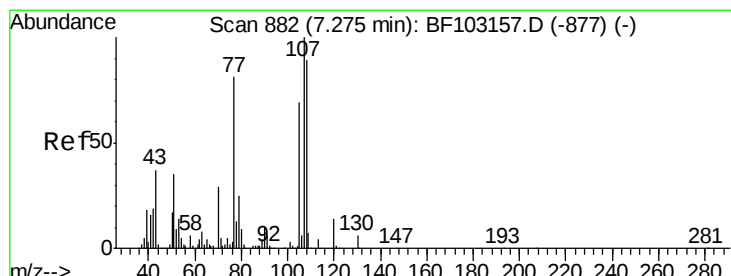
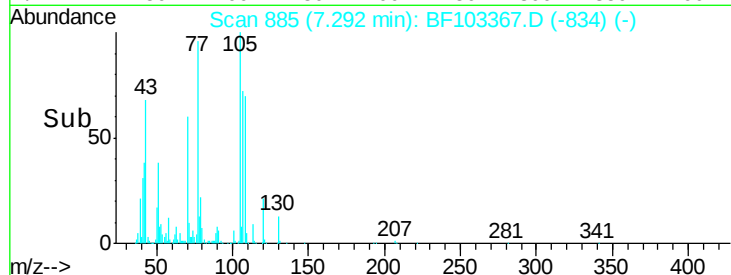
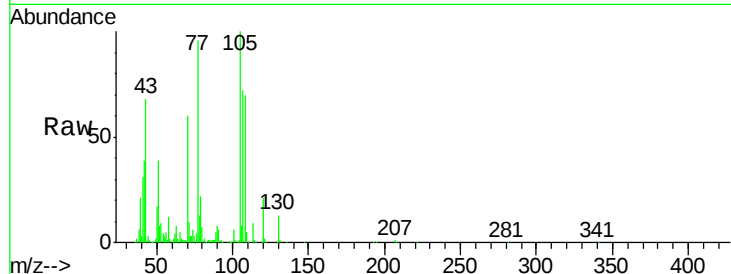
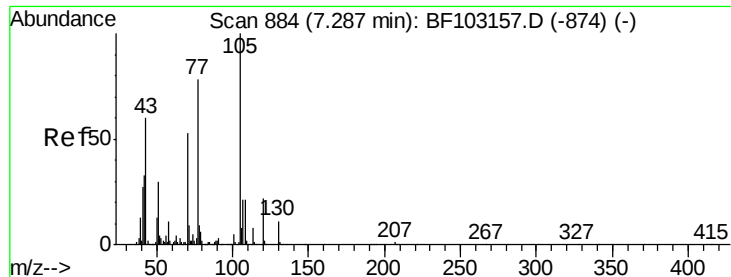
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#18
Hexachloroethane
Concen: 36.421 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	75.8	113.8	
201	76.7	75.7	113.5	





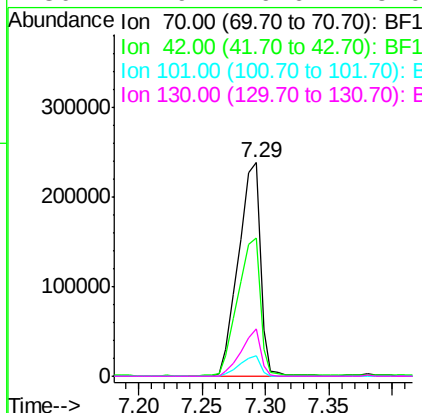
#19
n-Nitroso-di-n-propylamine
Concen: 37.769 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.5	71.3
101	9.5	7.4	11.2
130	21.9	16.6	25.0

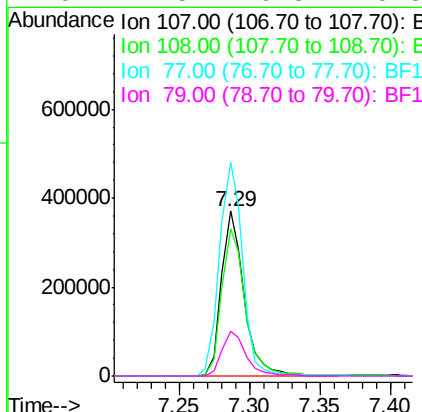
Manual Integrations
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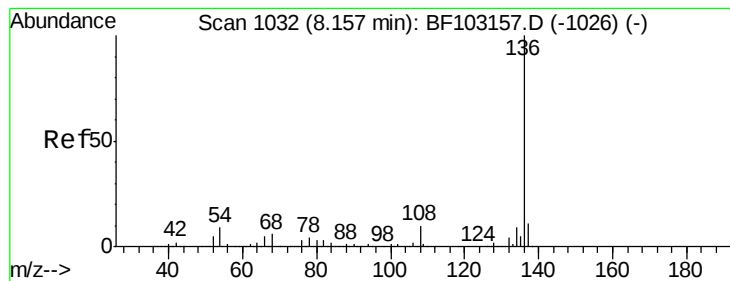
Sohil
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#20
3+4-Methylphenols
Concen: 35.917 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	129.5	26.7	66.7#
79	27.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

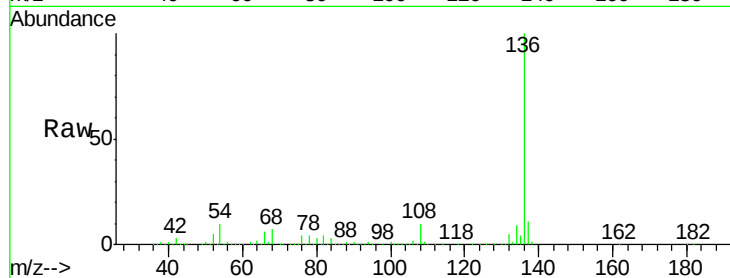
ClientSampleId :

PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	617961		
137	11.0	8.9	13.3	
54	10.0	6.6	9.8	
68	7.0	5.0	7.4	

Manual Integrations
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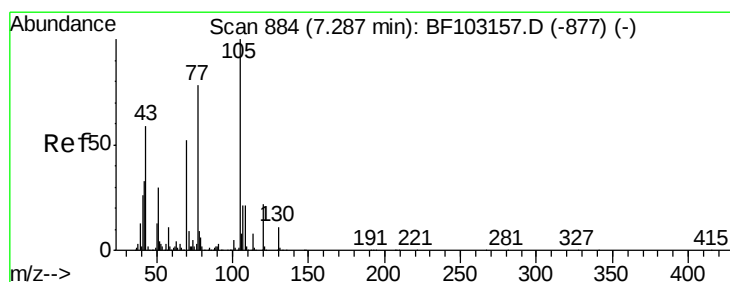
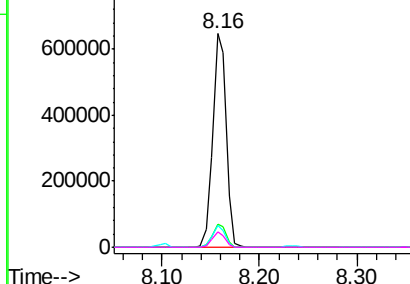
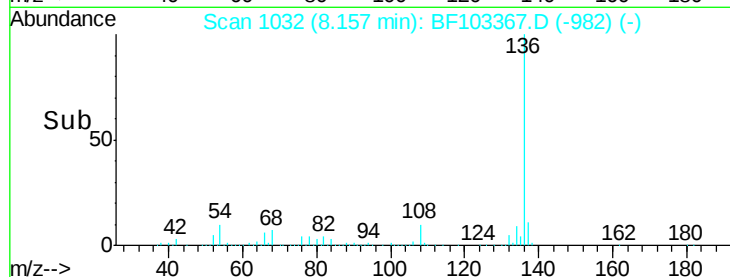


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.859 ng

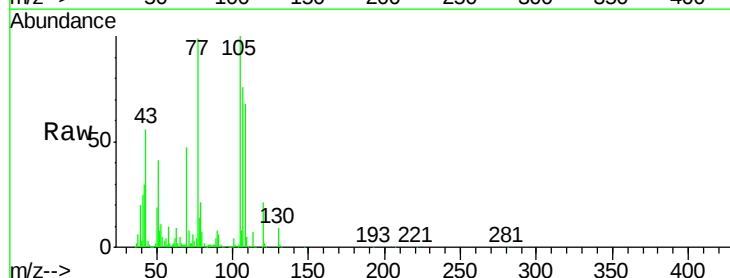
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	546093		
71	7.9	4.4	6.6	
51	41.1	22.3	33.5	
120	20.9	16.9	25.3	

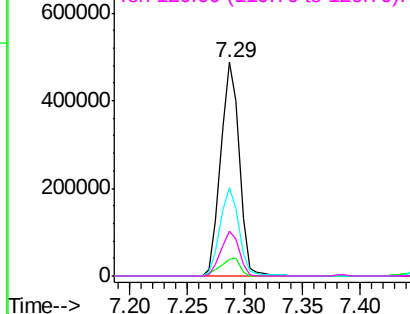
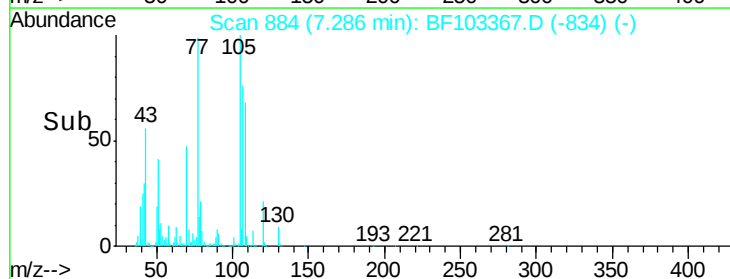


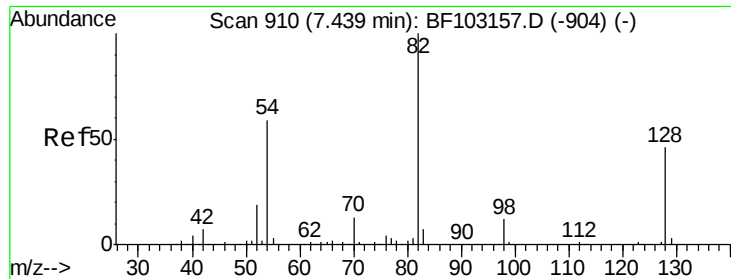
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





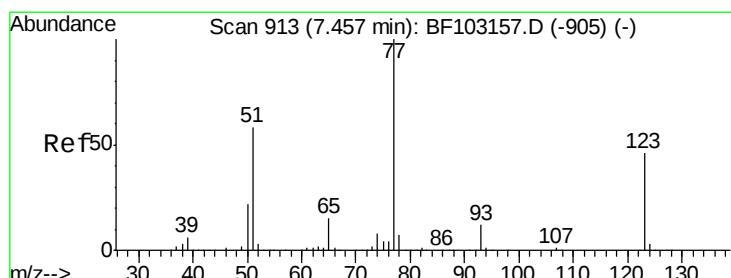
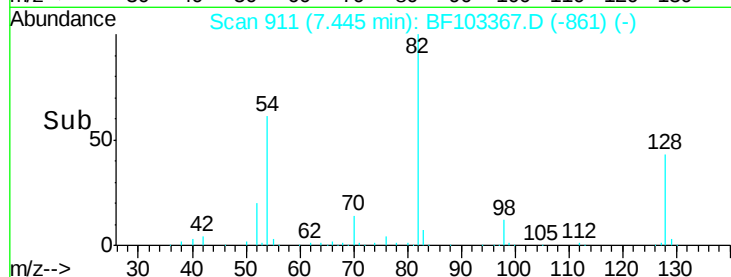
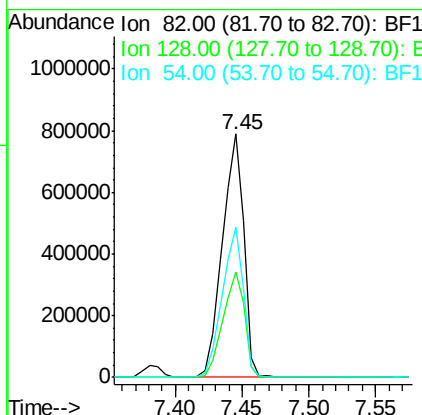
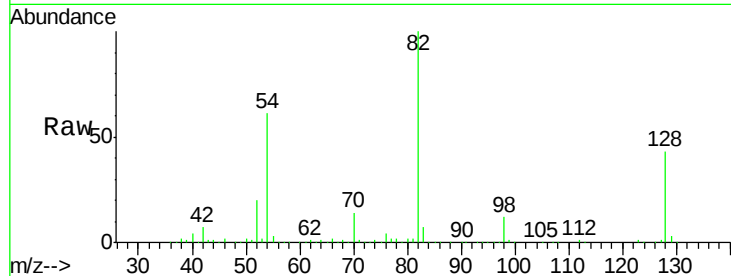
#23
Nitrobenzene-d5
Concen: 83.211 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	900417		
128	43.1	36.1	54.1	
54	61.5	41.4	62.2	

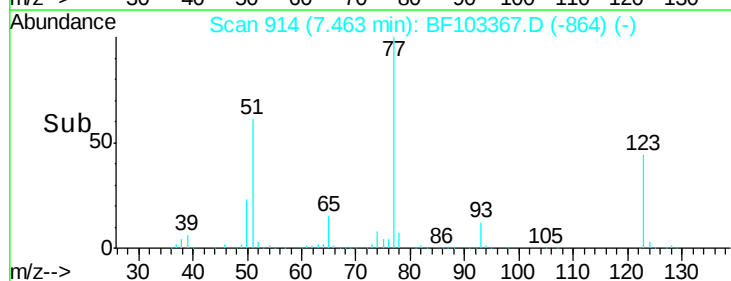
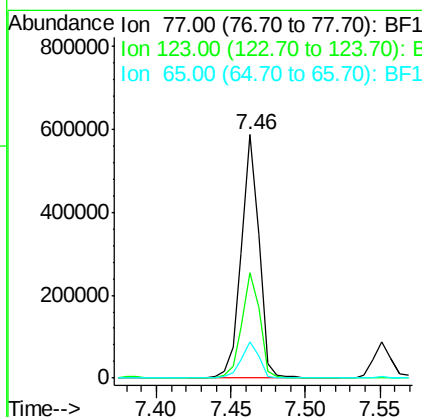
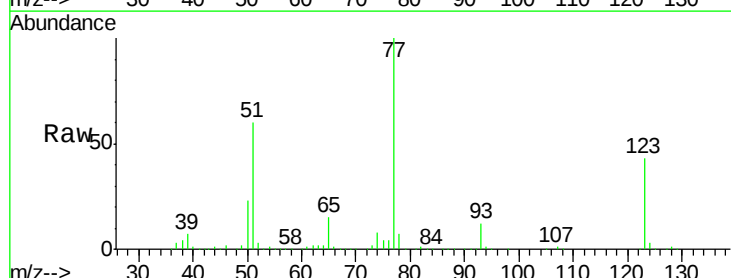
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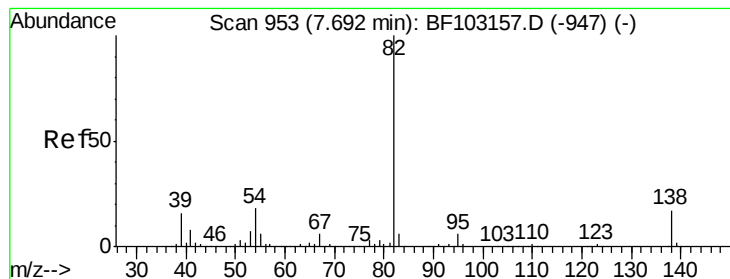
Sohil
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#24
Nitrobenzene
Concen: 40.663 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	484443		
123	43.4	37.9	56.9	
65	14.7	11.0	16.4	





#25

Isophorone

Concen: 41.164 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

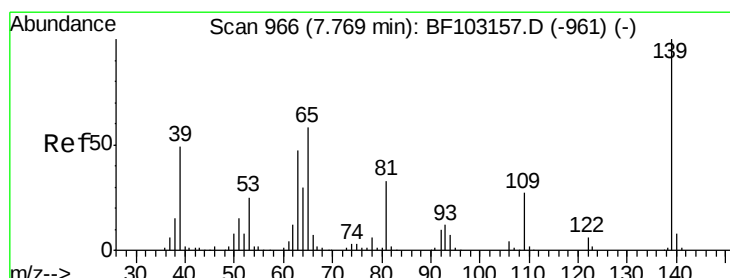
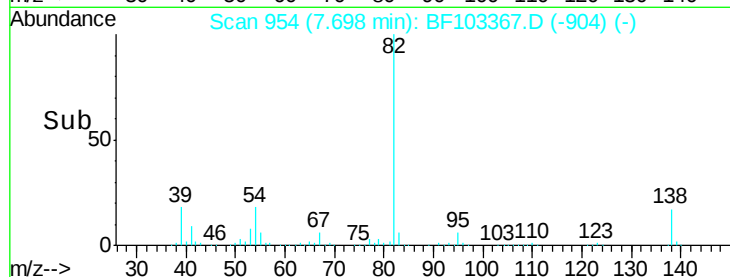
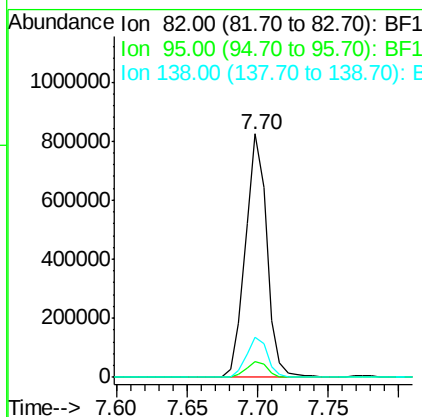
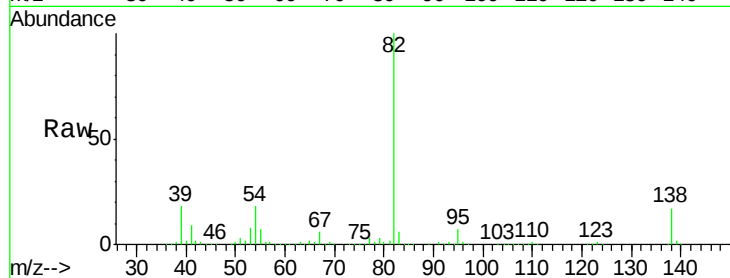
ClientSampleId :

PB106972BS

Tot Ion:	82	Resp:	877285
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	16.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.838 ng

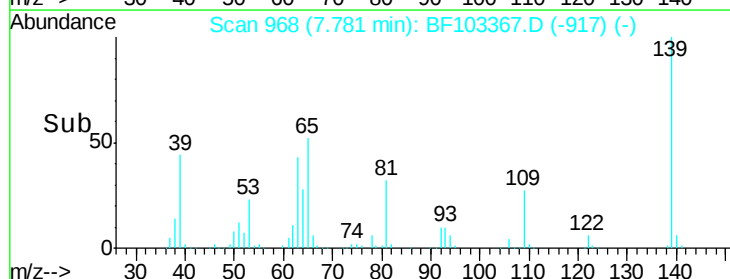
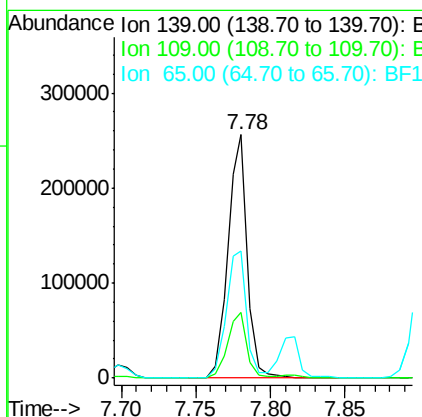
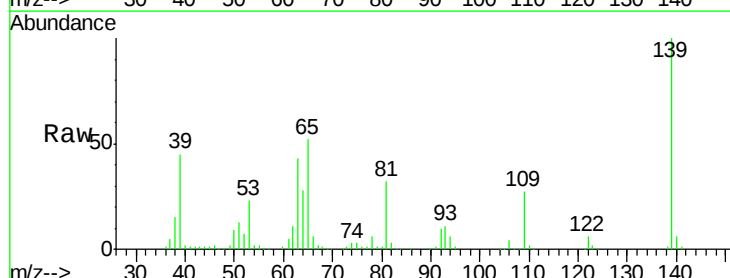
RT: 7.78 min Scan# 968

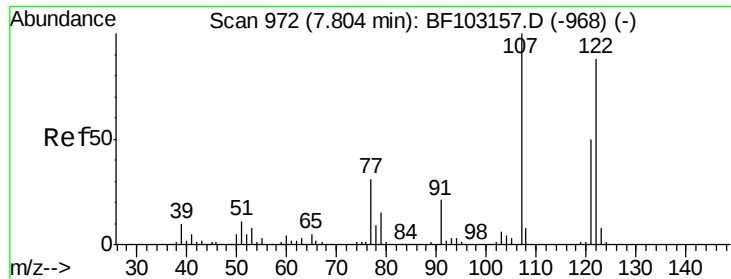
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	139	Resp:	234652
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	52.3	40.5	60.7





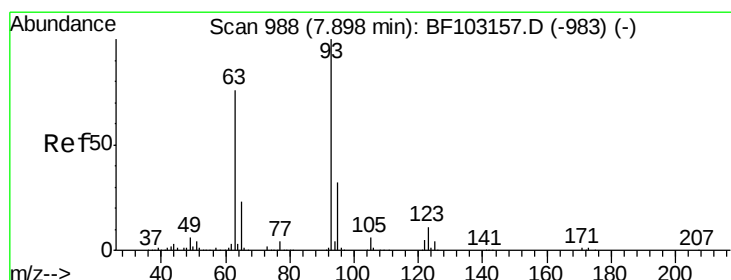
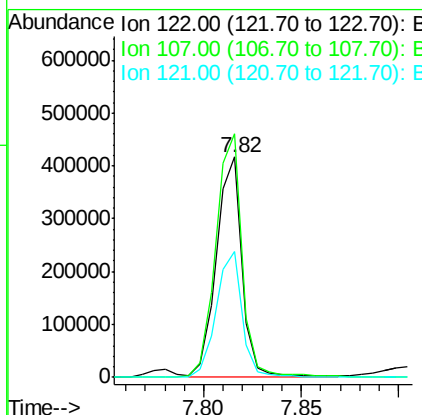
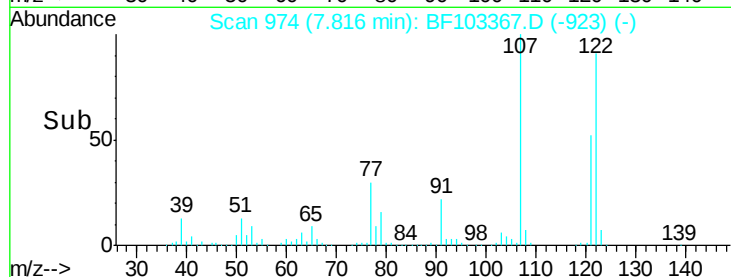
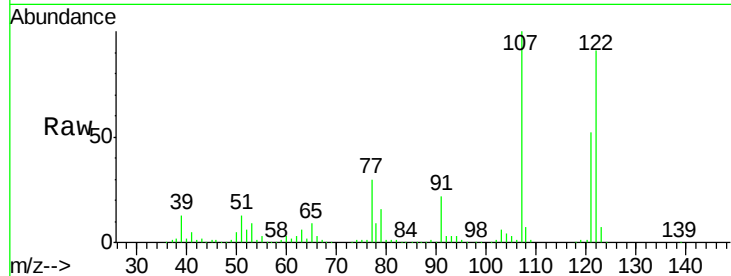
#27
2,4-Dimethylphenol
Concen: 44.568 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	91.2	136.8
121	56.9	47.2	70.8

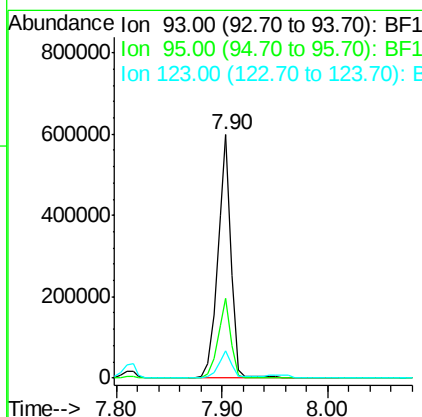
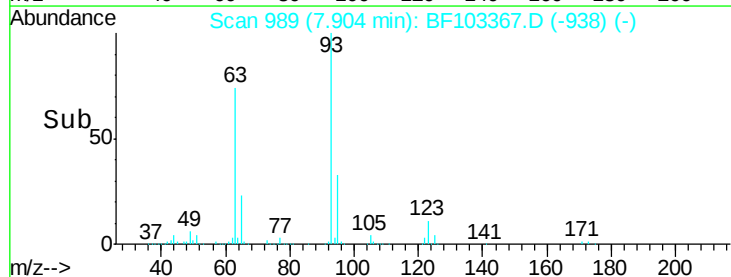
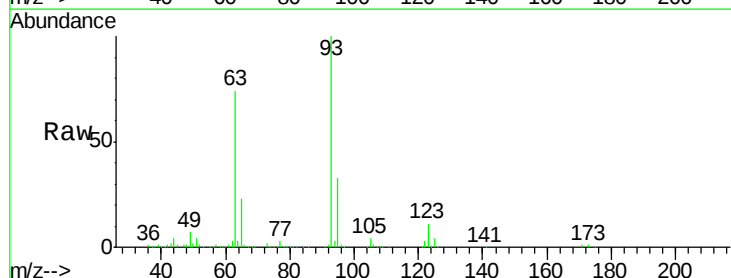
Manual Integrations
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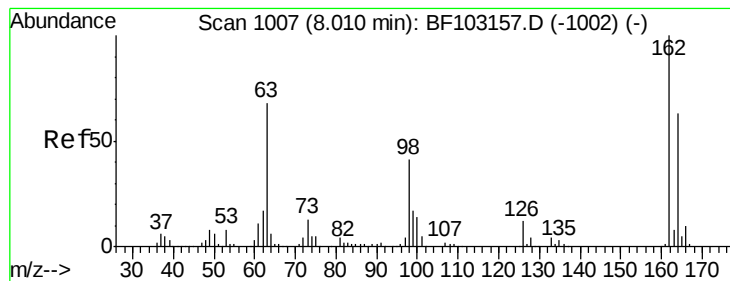
Sohil
3/5/2018 3:13:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.981 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.1	9.8	14.6





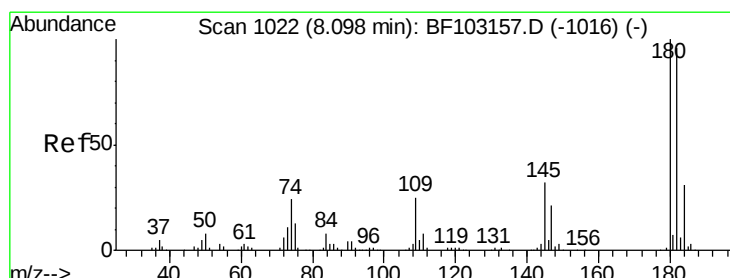
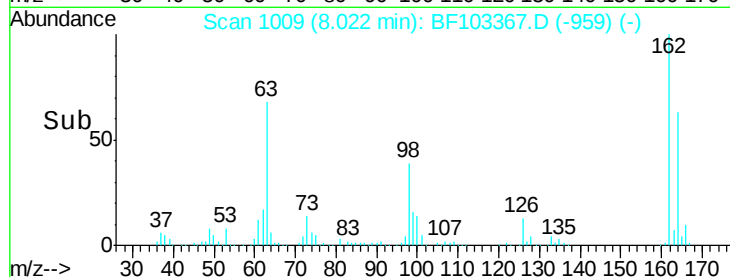
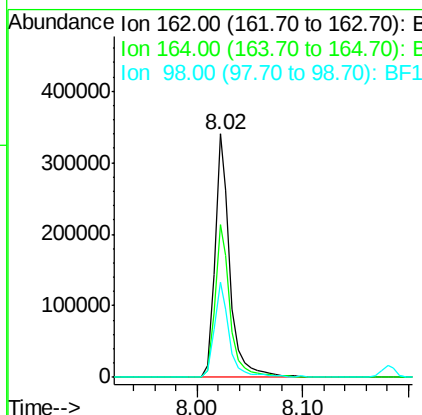
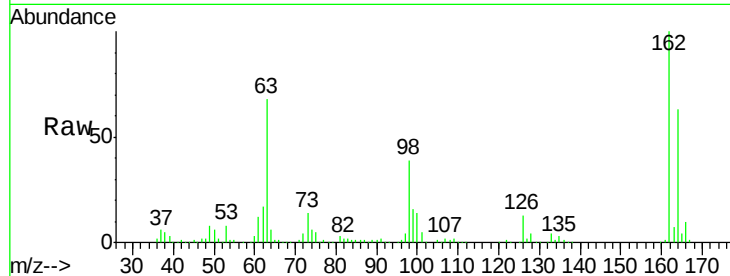
#29
 2,4-Dichlorophenol
 Concen: 41.722 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion:	162	Resp:	342440
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.7	82.7
98	39.0	18.1	58.1

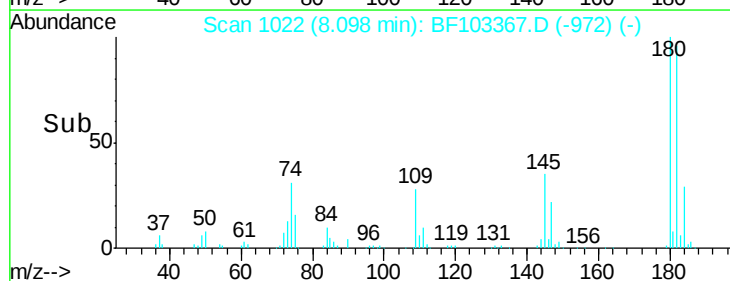
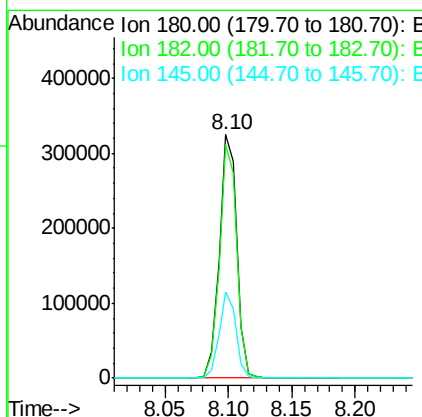
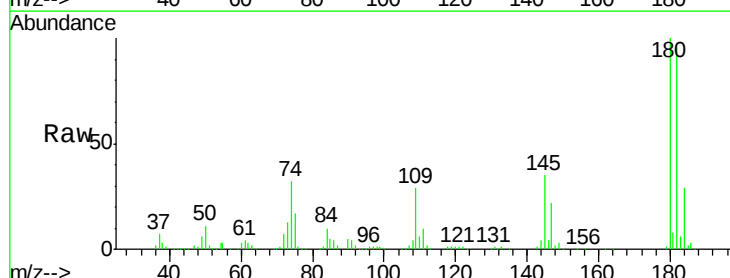
Manual Integrations
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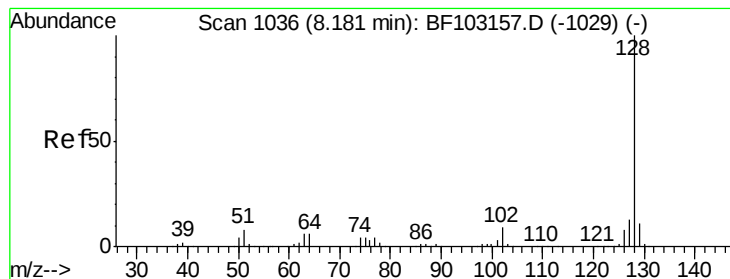
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.961 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion:	180	Resp:	314314
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.8	115.2
145	35.2	26.5	39.7





#31

Naphthalene

Concen: 37.208 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

Tot Ion:128 Resp: 1125699

Ion Ratio Lower Upper

128 100

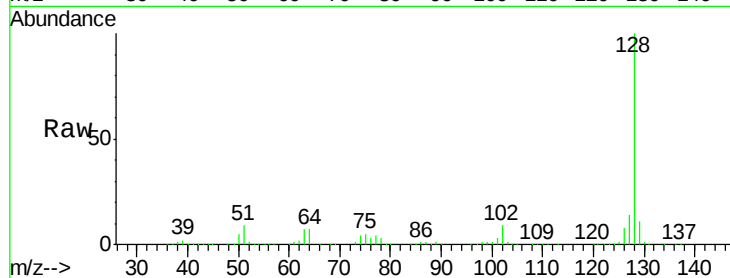
129 11.3 8.8 13.2

127 13.6 10.9 16.3

Manual Integrations
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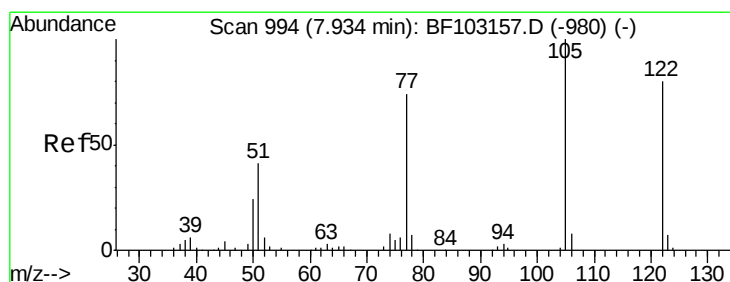
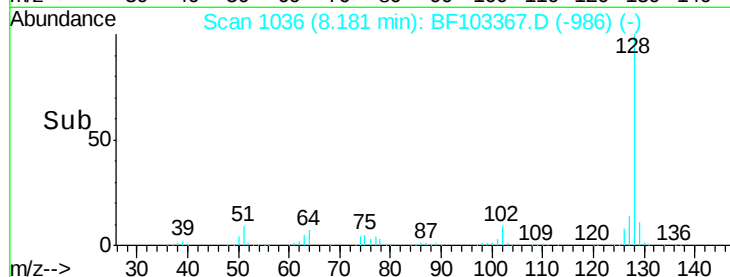
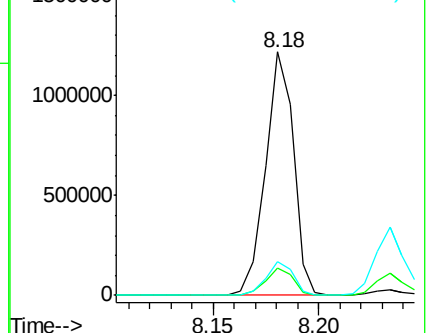
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.203 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

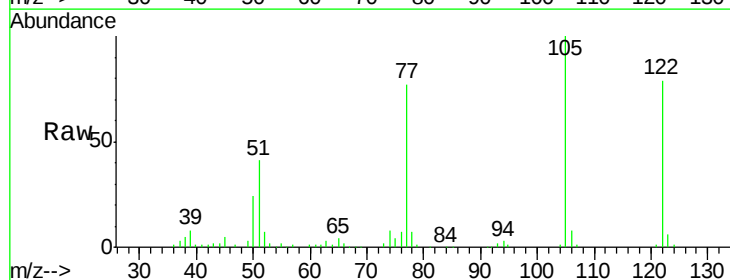
Tgt Ion:122 Resp: 262211

Ion Ratio Lower Upper

122 100

105 127.0 101.1 141.1

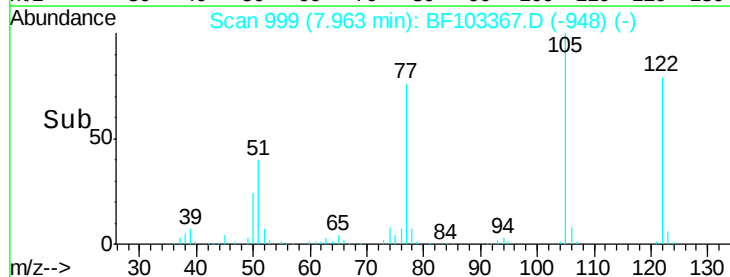
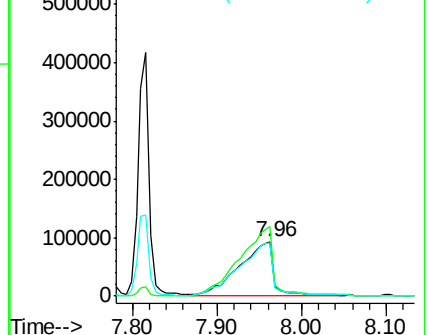
77 97.4 70.7 110.7

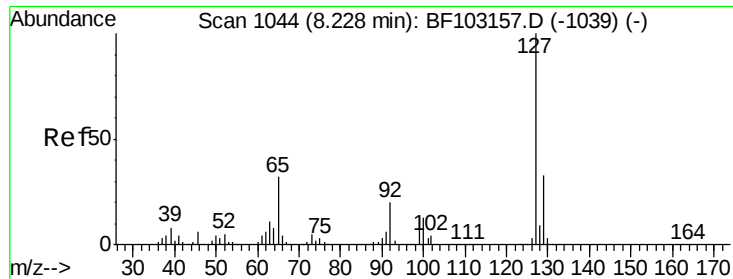


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





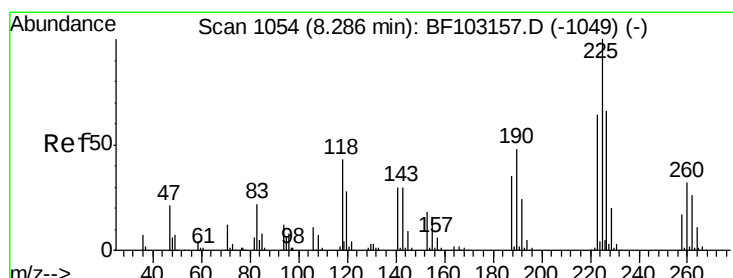
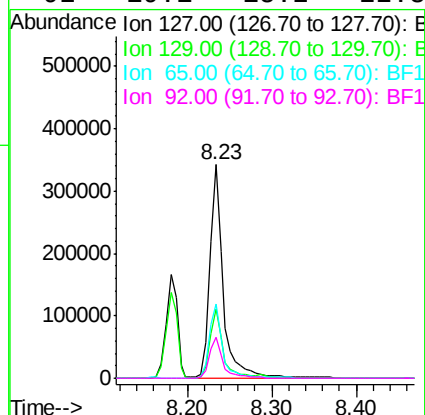
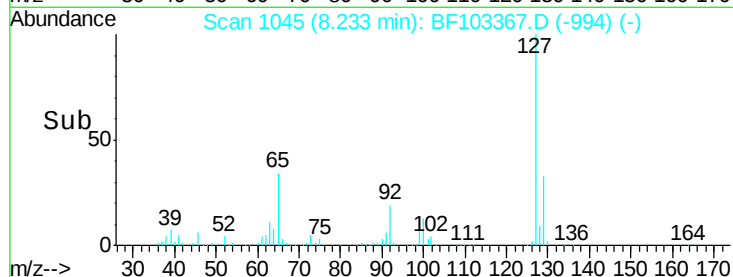
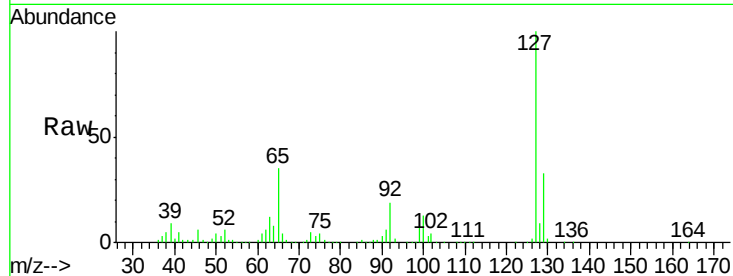
#33
4-Chloroaniline
Concen: 28.810 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	34.5	25.0	37.4		
92	19.1	15.2	22.8		

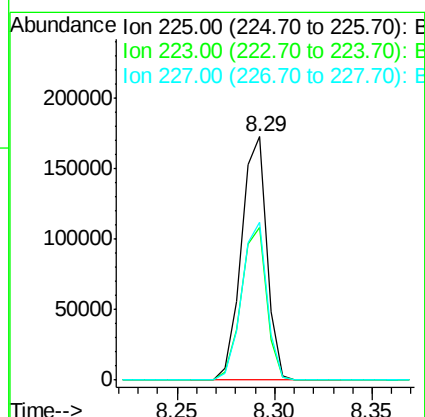
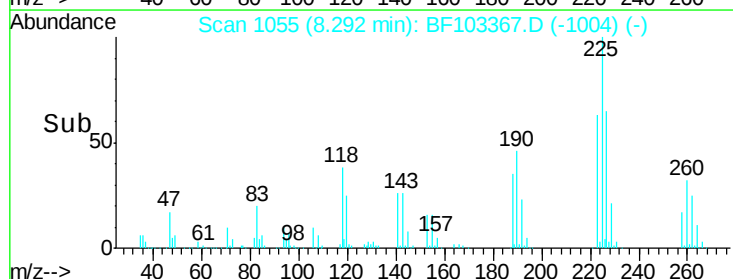
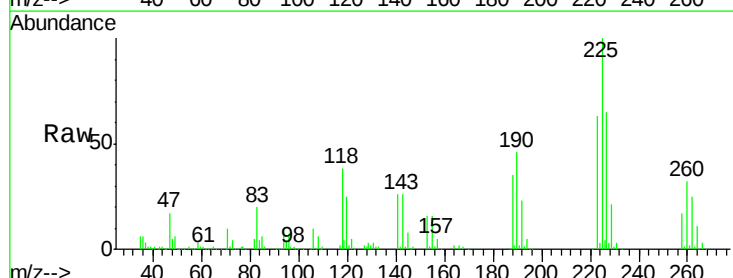
Manual Integrations
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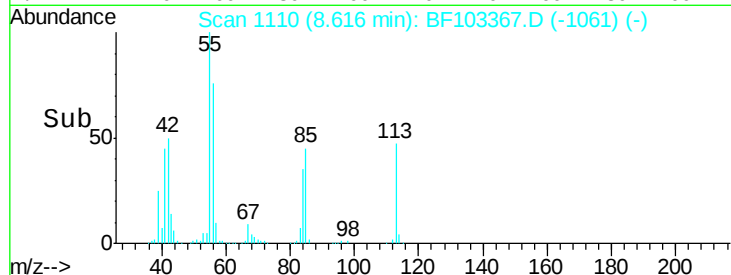
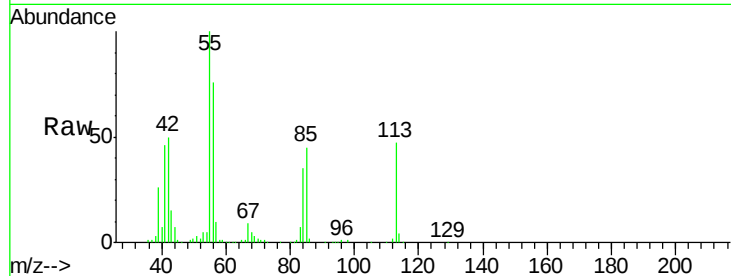
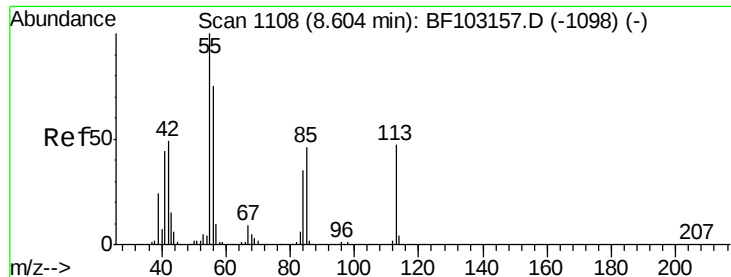
Sohil
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#34
Hexachlorobutadiene
Concen: 34.332 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.6	76.0		
227	64.8	51.9	77.9		





#35

Caprolactam

Concen: 43.700 ng/mL

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tot Ion	Ratio	Lower	Upper
113	100		
55	213.6	163.3	203.3#
56	161.6	115.7	155.7#

Instrument :

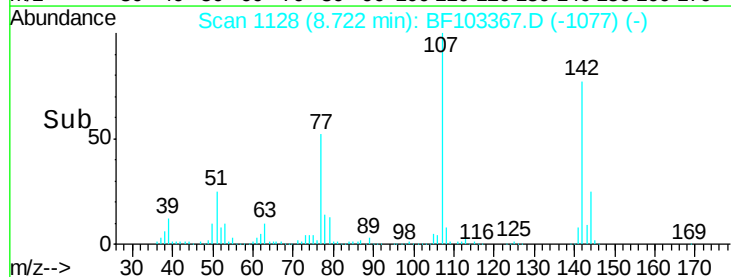
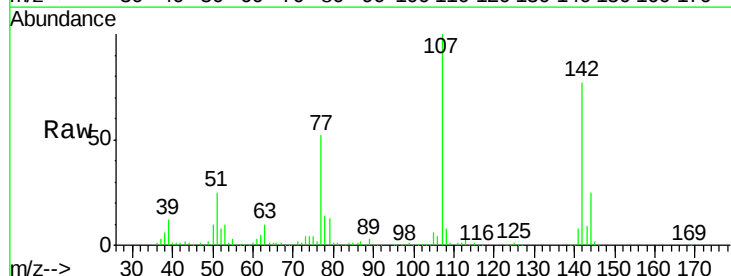
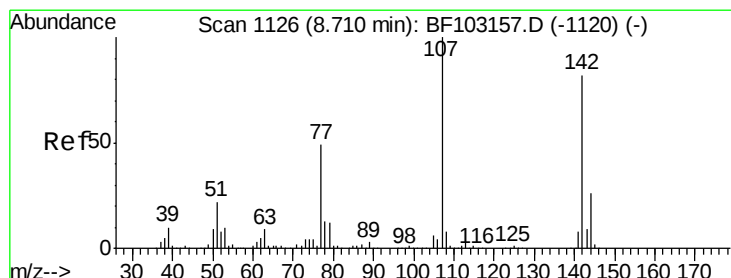
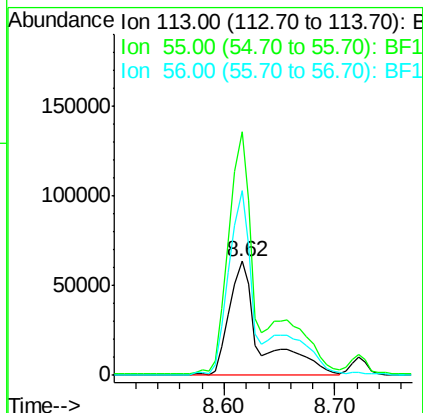
BNA_F

ClientSampleId :

PB106972BS

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.323 ng/mL

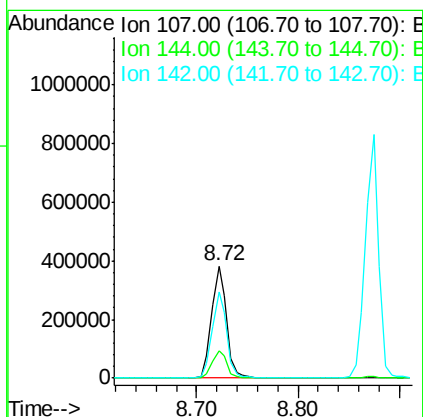
RT: 8.72 min Scan# 1128

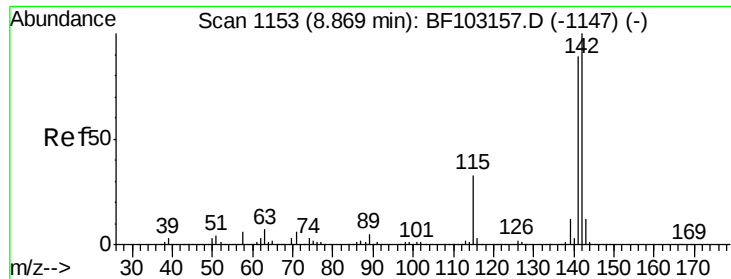
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.5	30.7
142	77.4	62.0	93.0





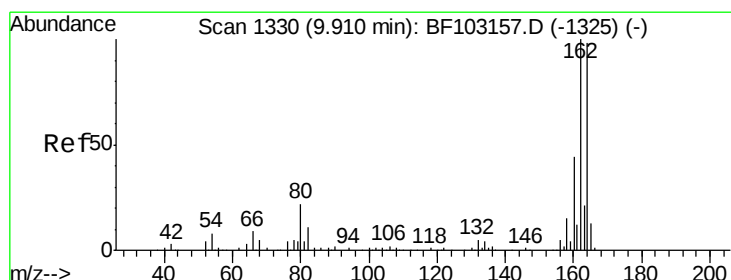
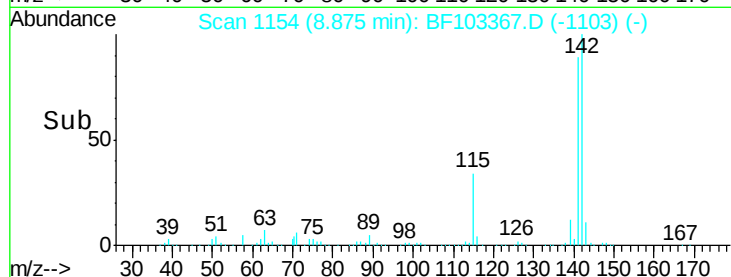
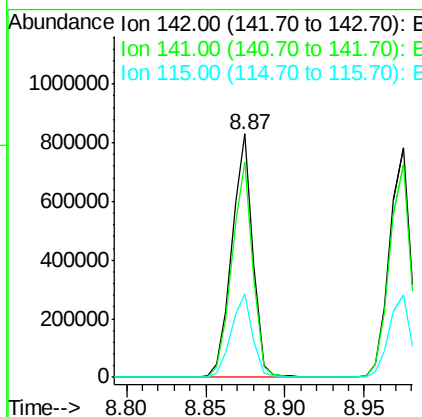
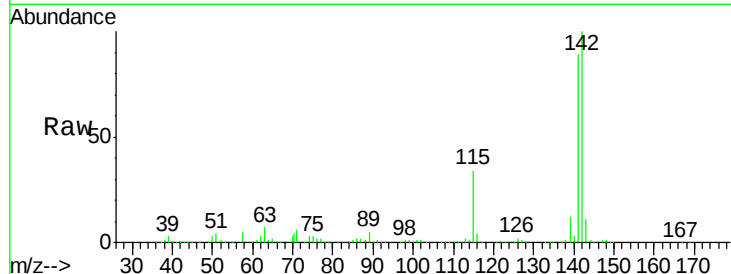
#37
 2-Methylnaphthalene
 Concen: 38.951 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	34.3	26.1	39.1

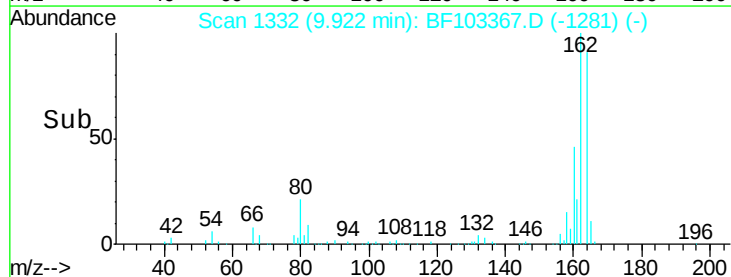
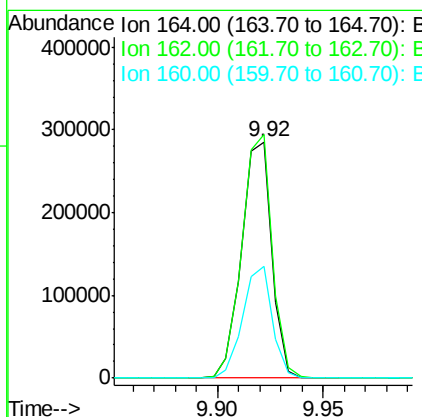
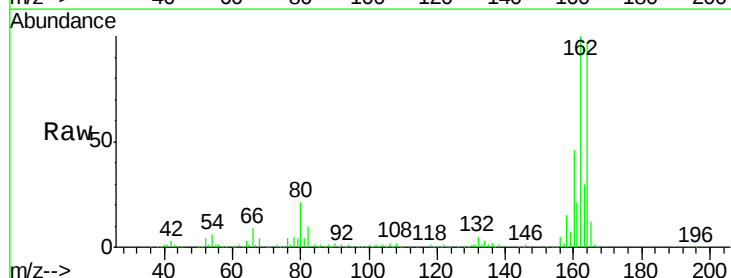
Manual Integrations
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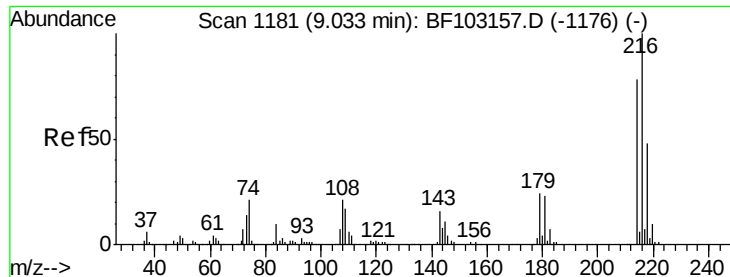
Sohil
 3/5/2018 3:13:11 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.1	38.3	57.5





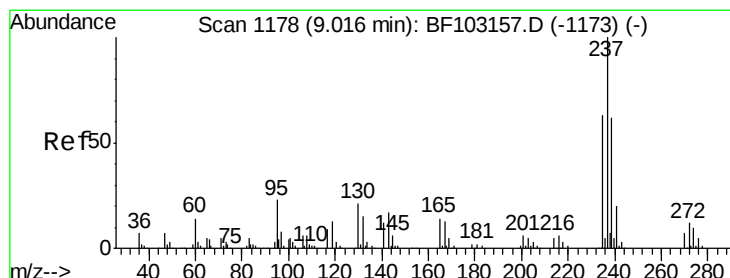
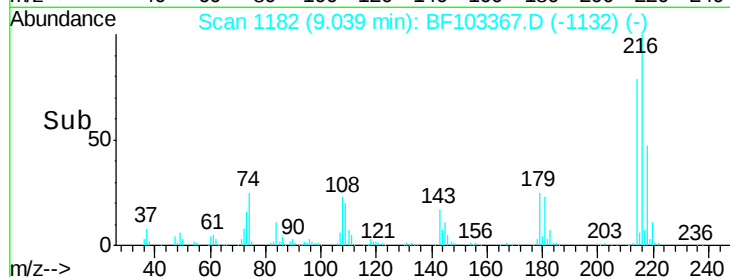
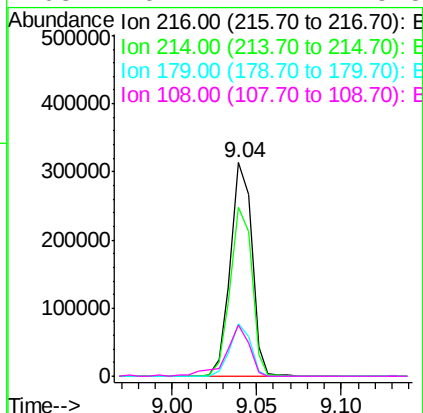
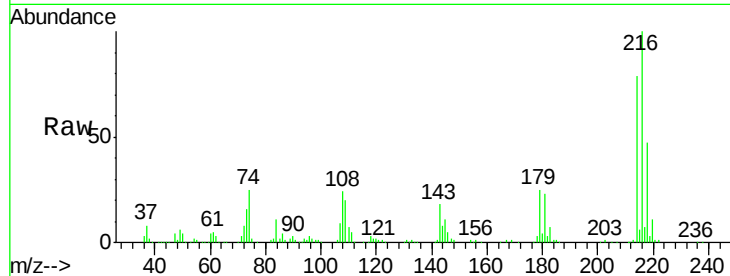
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.839 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	277947		
214	79.7	63.0	94.4	
179	23.7	18.1	27.1	
108	26.1	17.2	25.8	

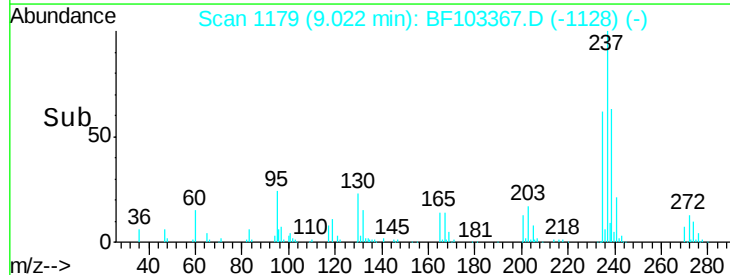
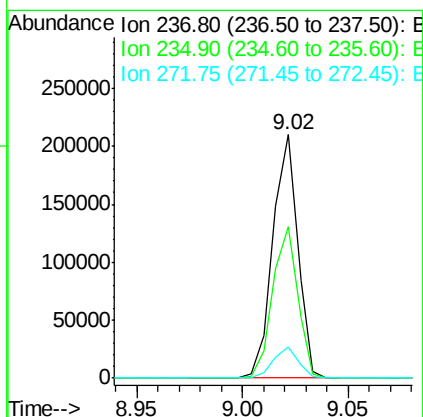
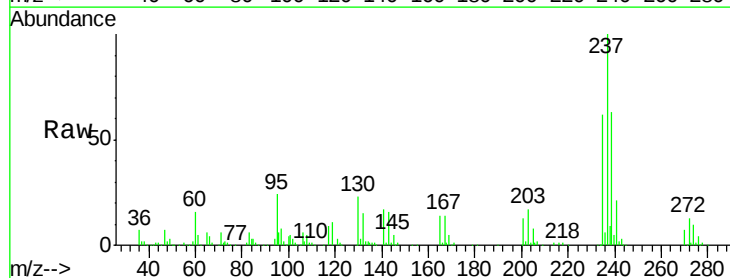
Manual Integrations
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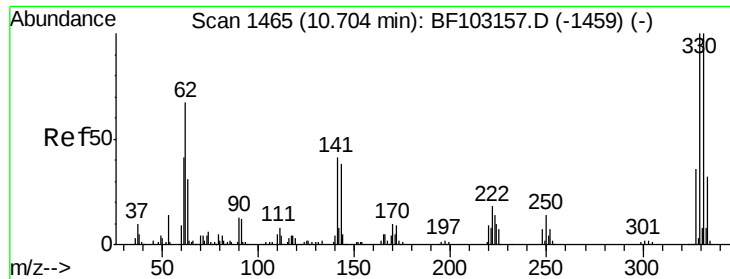
Sohil
 3/5/2018 3:13:11 PM



#40
 Hexachlorocyclopentadiene
 Concen: 65.119 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	172930		
235	62.1	44.8	84.8	
272	12.7	0.0	33.3	





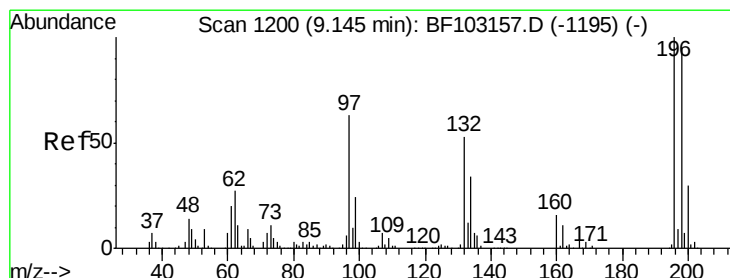
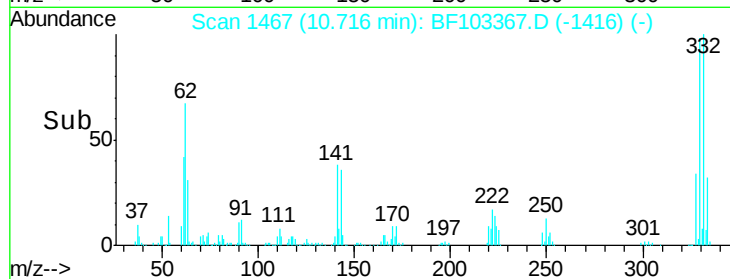
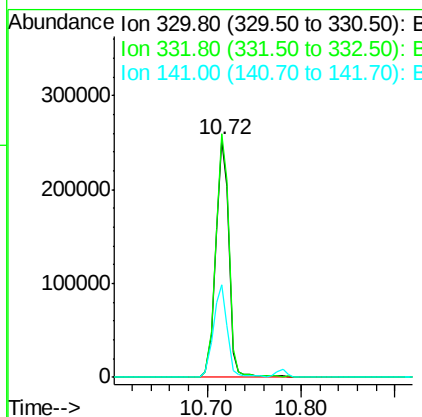
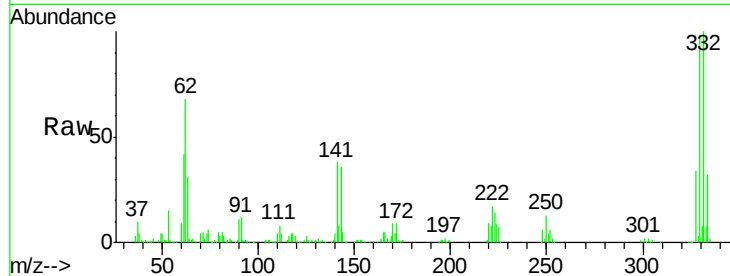
#41
 2,4,6-Tribromophenol
 Concen: 106.194 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	254995		
332	103.0	77.0	115.6	
141	40.6	29.9	44.9	

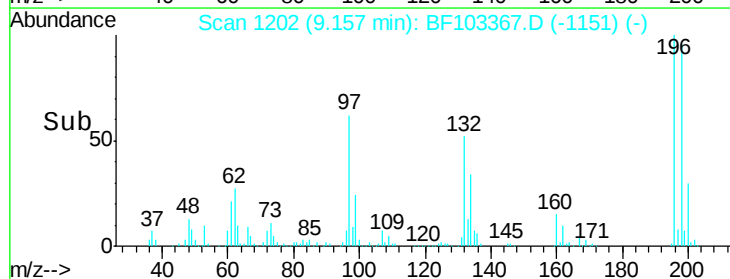
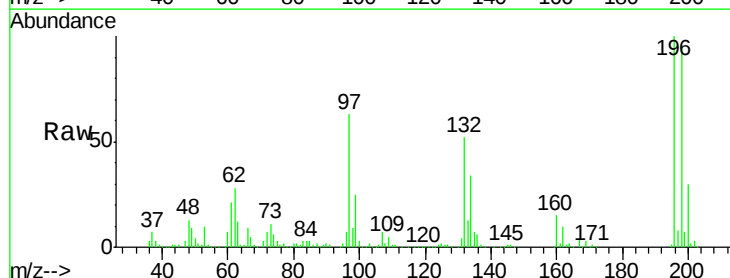
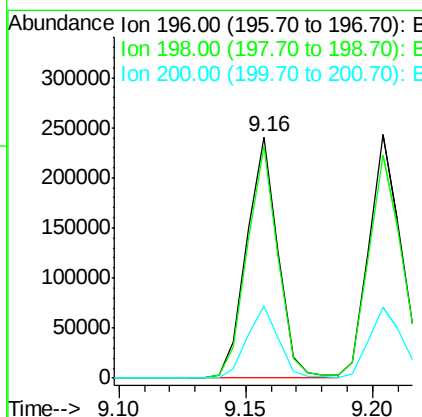
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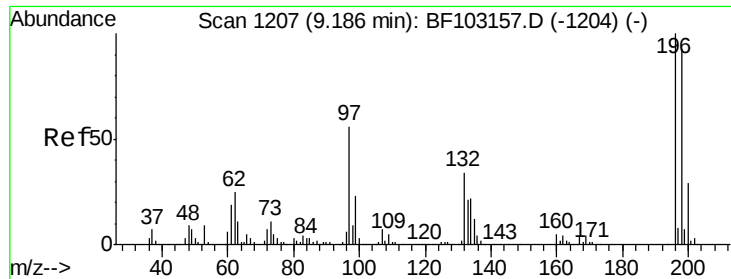
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 3/5/2018 3:13:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.812 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207755		
198	96.2	75.7	113.5	
200	30.0	24.5	36.7	





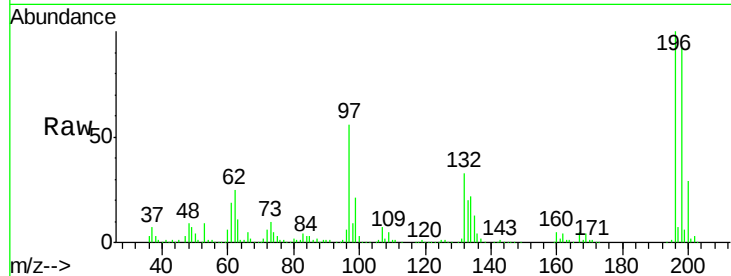
#43
 2,4,5-Trichlorophenol
 Concen: 37.418 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

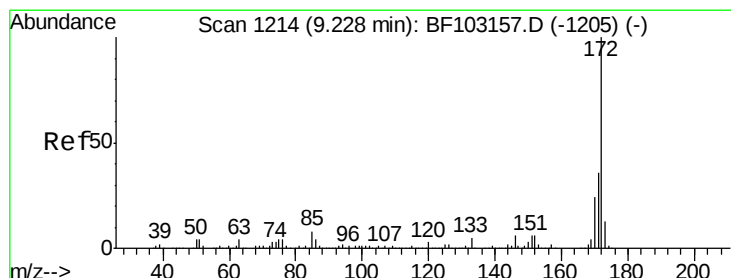
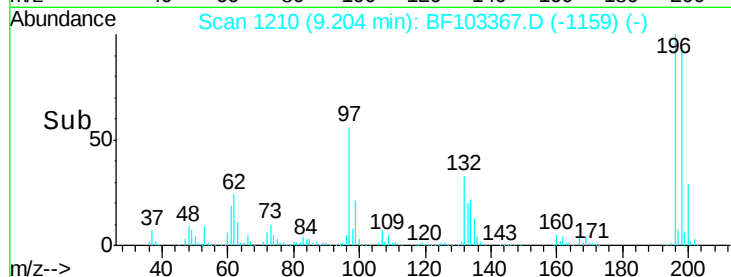
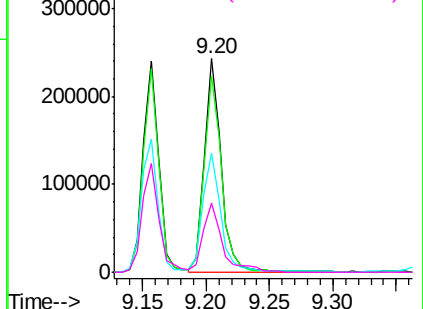
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		224581		
198	91.6	74.6	112.0		
97	56.0	42.9	64.3		
132	32.5	26.3	39.5		

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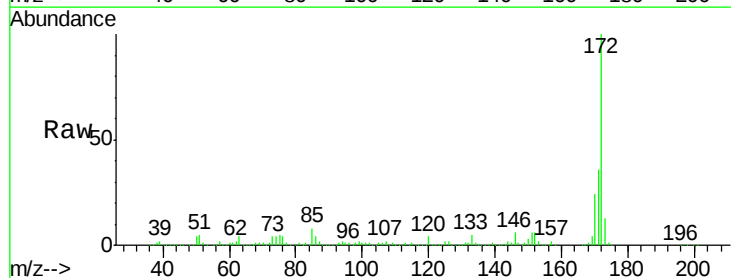


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

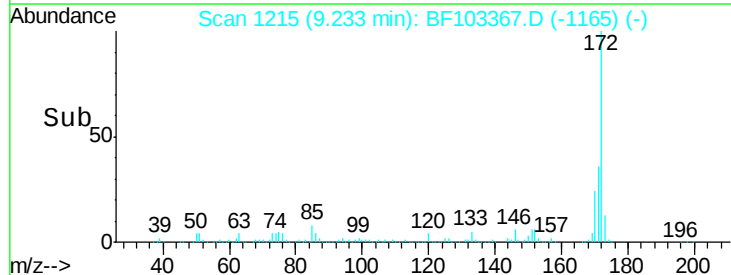
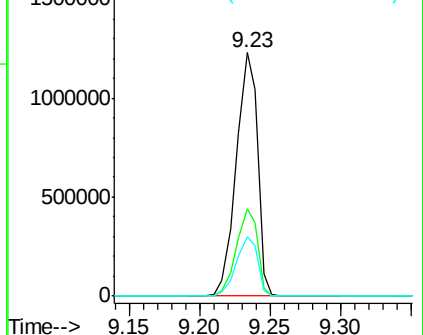


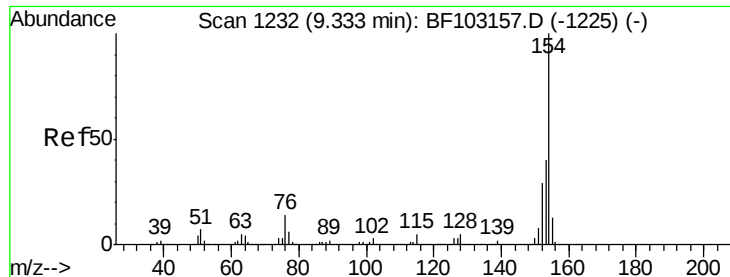
#44
 2-Fluorobiphenyl
 Concen: 76.243 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1286973		
171	36.1	29.7	44.5		
170	24.2	19.6	29.4		



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





#45

1,1'-Biphenyl

Concen: 36.292 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

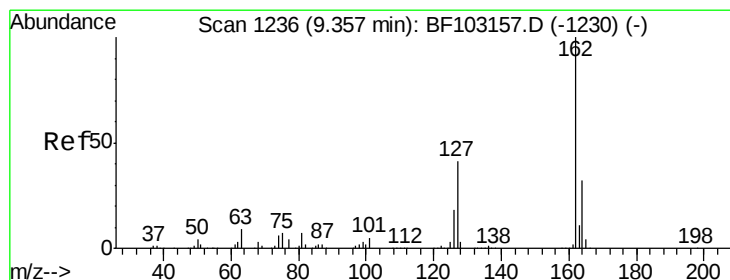
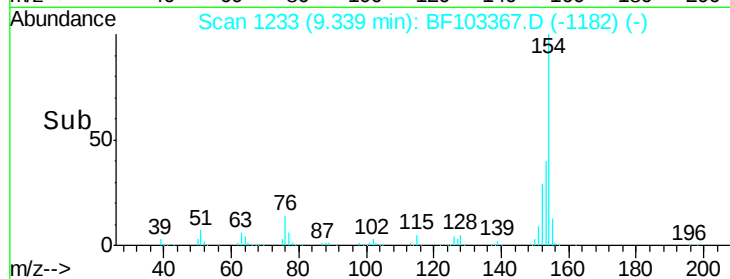
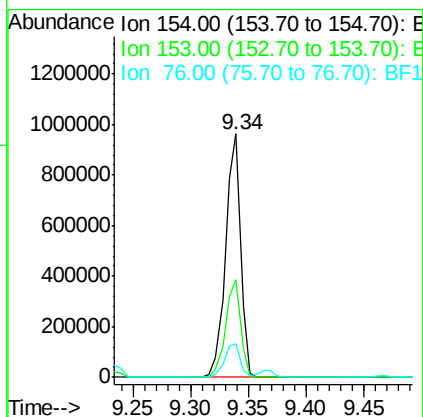
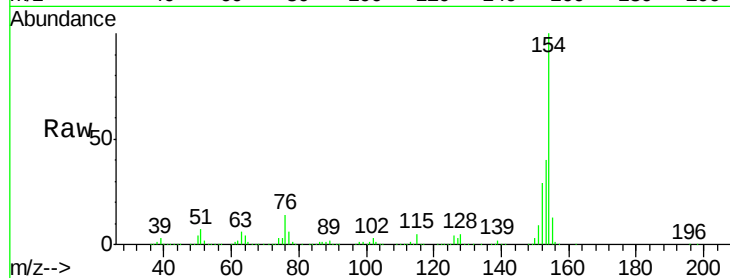
ClientSampleId :

PB106972BS

Tot Ion:	154	Resp:	862698
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.3	61.3
76	13.6	0.0	34.0

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3/5/2018 3:13:11 PM



#46

2-Chloronaphthalene

Concen: 36.711 ng

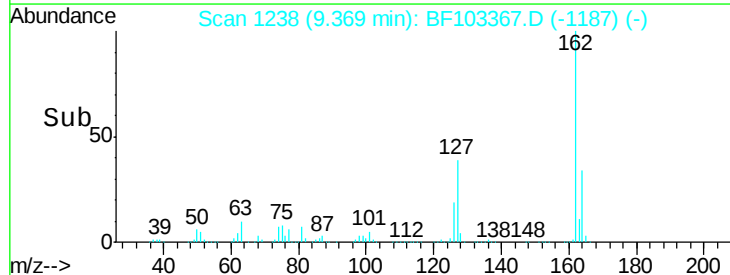
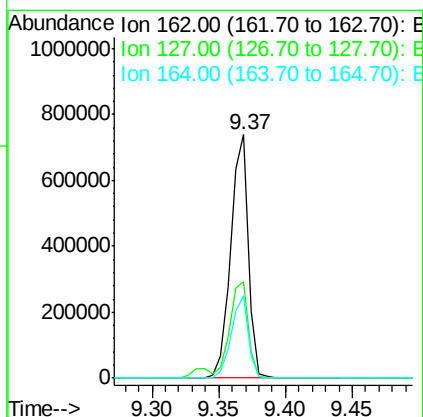
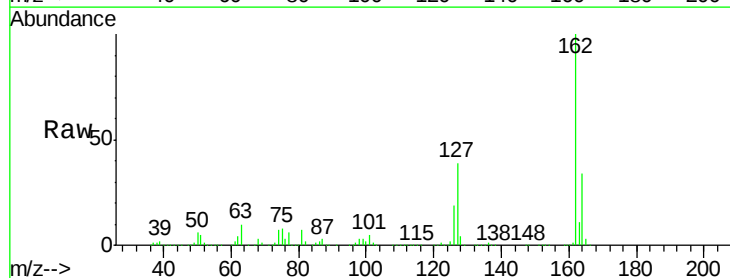
RT: 9.37 min Scan# 1238

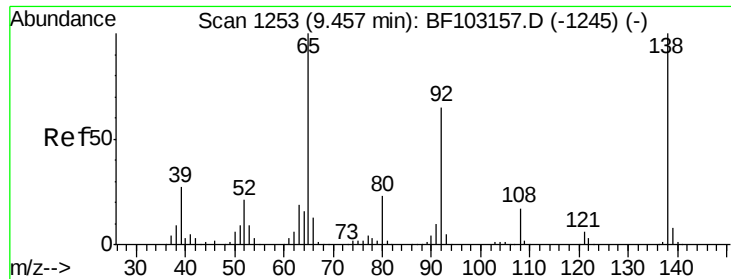
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	162	Resp:	690405
Ion Ratio	Lower	Upper	
162	100		
127	39.5	33.9	50.9
164	33.6	26.5	39.7





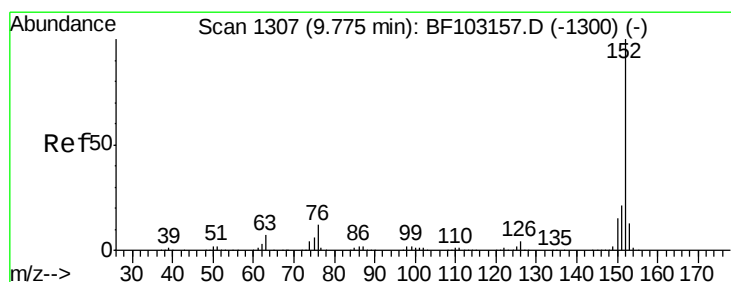
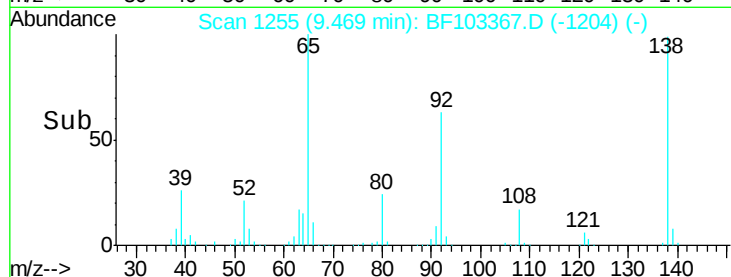
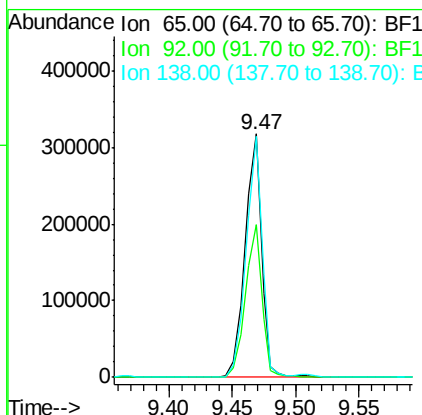
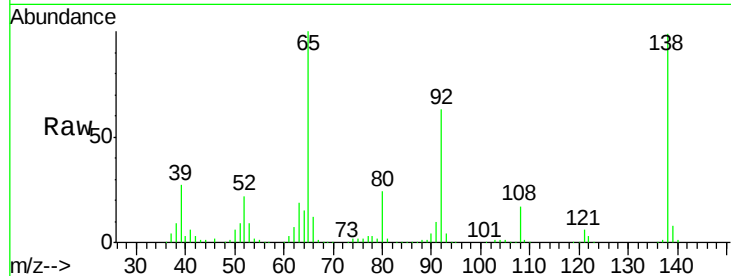
#47
2-Nitroaniline
Concen: 41.351 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	55.8	83.6
138	98.9	91.2	136.8

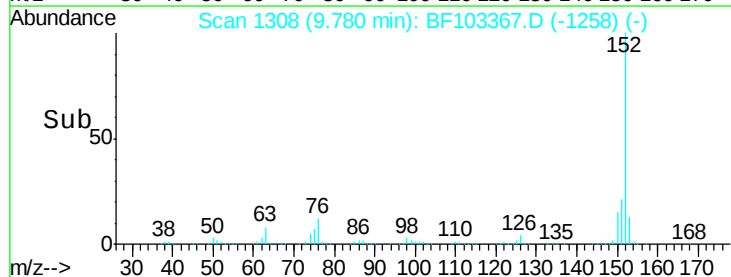
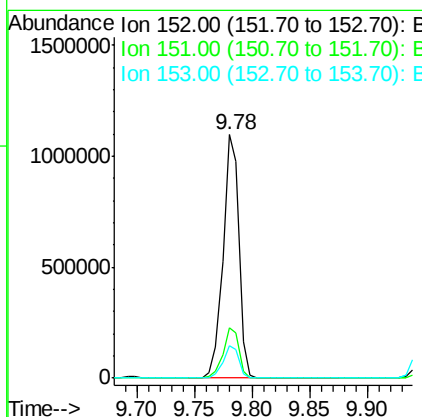
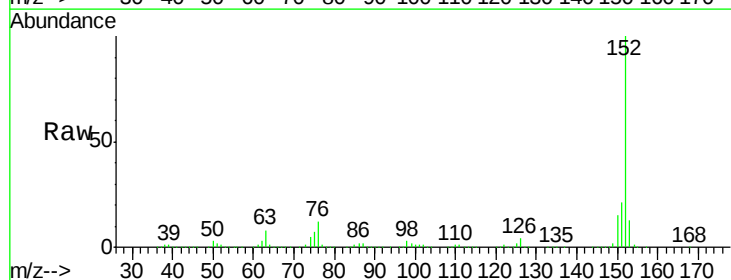
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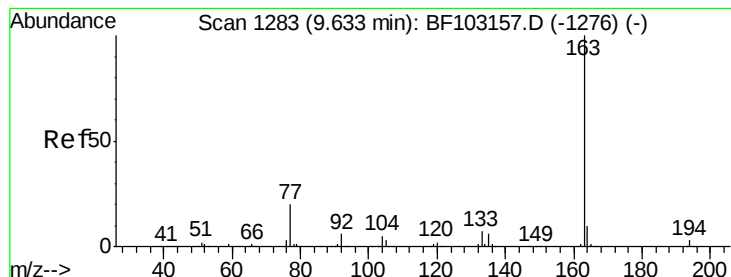
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3/5/2018 3:13:11 PM



#48
Acenaphthylene
Concen: 36.129 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.5	10.7	16.1





#49

Dimethylphthalate

Concen: 36.603 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

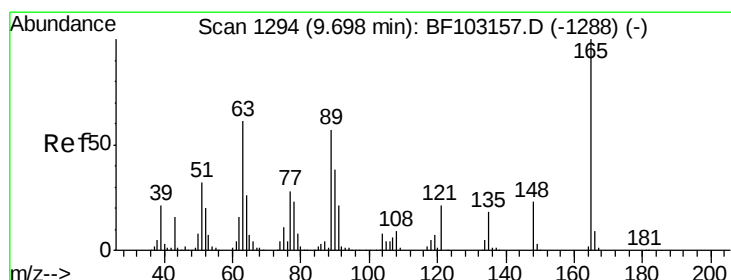
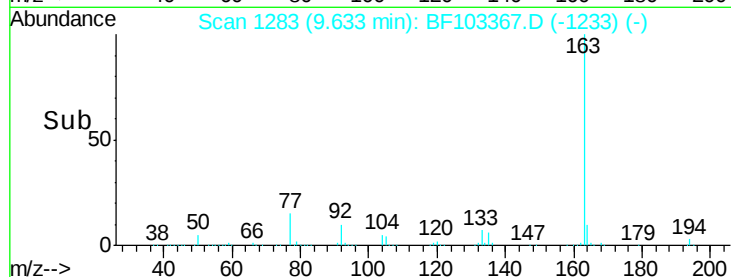
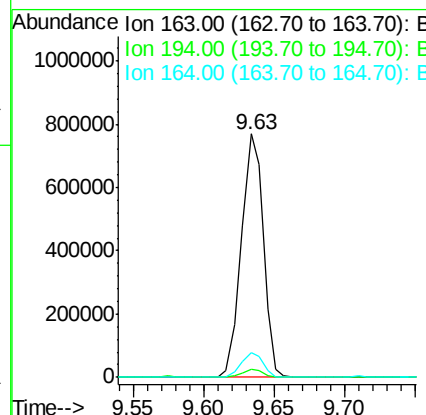
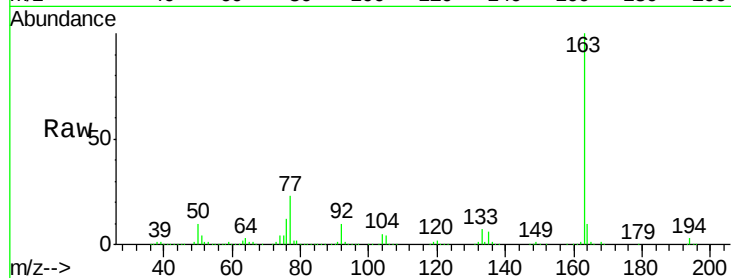
ClientSampleId :

PB106972BS

Tot Ion:	163	Resp:	833004
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

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3/5/2018 3:13:11 PM



#50

2,6-Dinitrotoluene

Concen: 38.113 ng

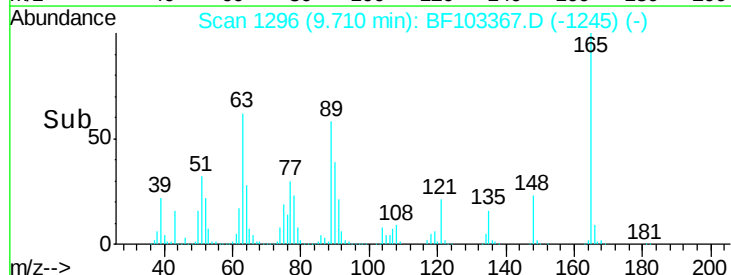
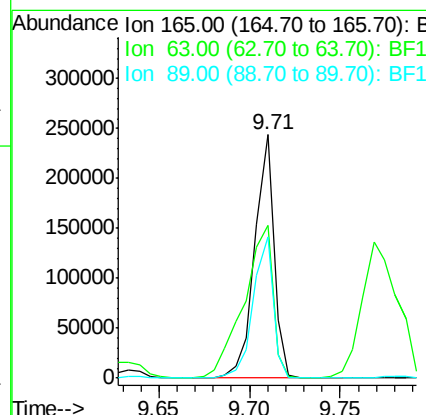
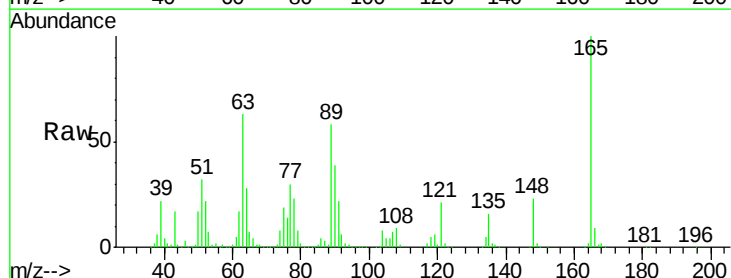
RT: 9.71 min Scan# 1296

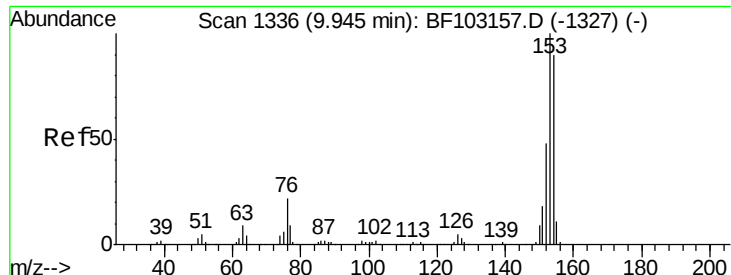
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	165	Resp:	182017
Ion Ratio	Lower	Upper	
165	100		
63	62.6	44.7	67.1
89	57.9	44.0	66.0





#51

Acenaphthene

Concen: 36.771 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

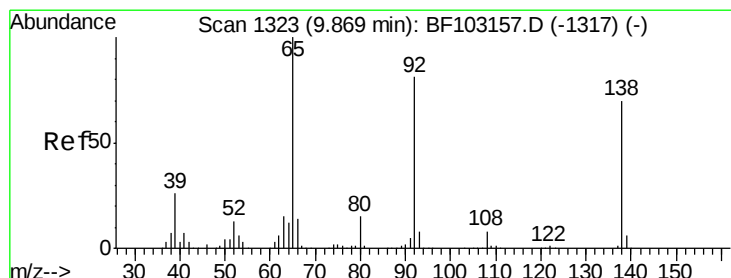
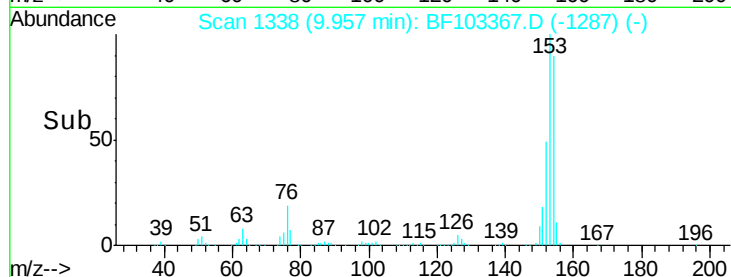
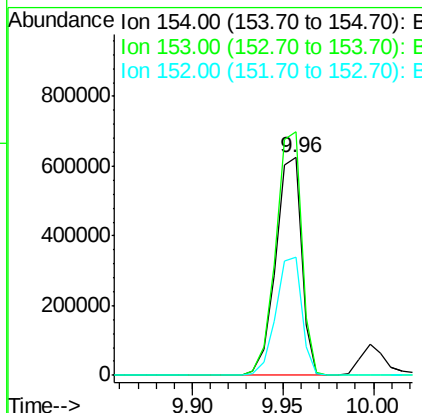
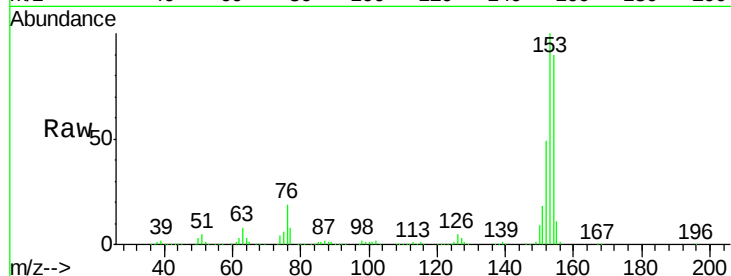
ClientSampleId :

PB106972BS

Tot Ion:	154	Resp:	620428
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.2	136.8
152	54.5	43.8	65.8

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3/5/2018 3:13:11 PM



#52

3-Nitroaniline

Concen: 30.248 ng

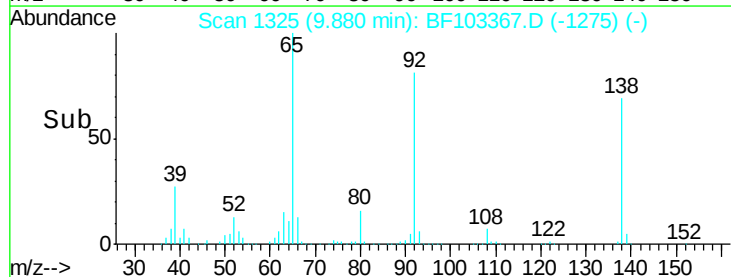
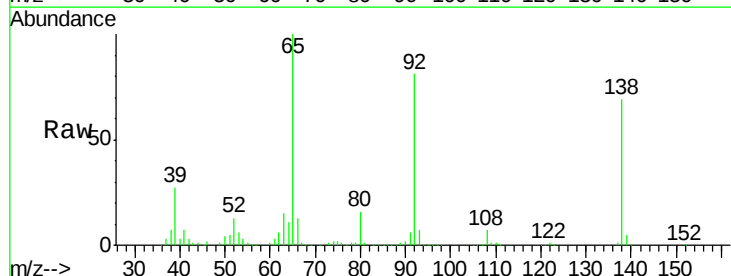
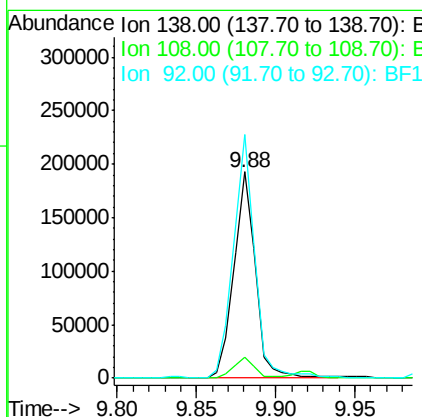
RT: 9.88 min Scan# 1325

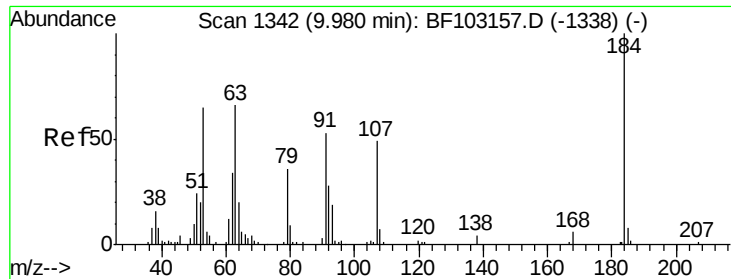
Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	138	Resp:	183278
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	118.0	89.4	134.2





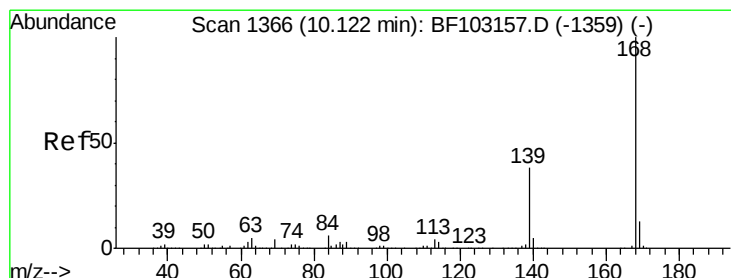
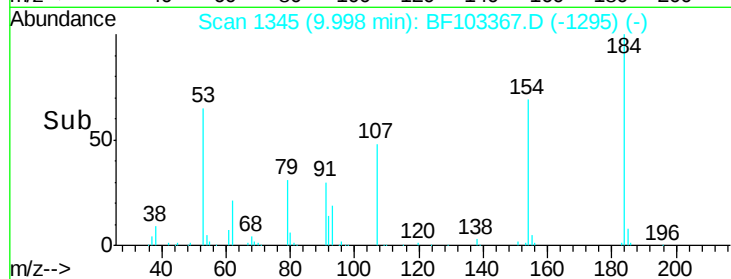
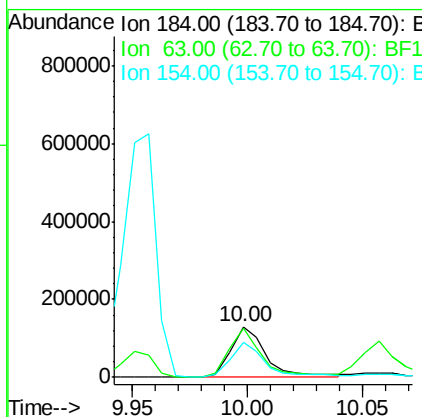
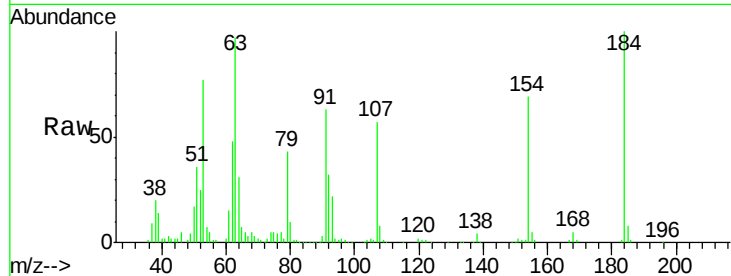
#53
2,4-Dinitrophenol
Concen: 80.198 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	138392		
63	97.2	54.2	81.2#	
154	69.5	184.0	276.0#	

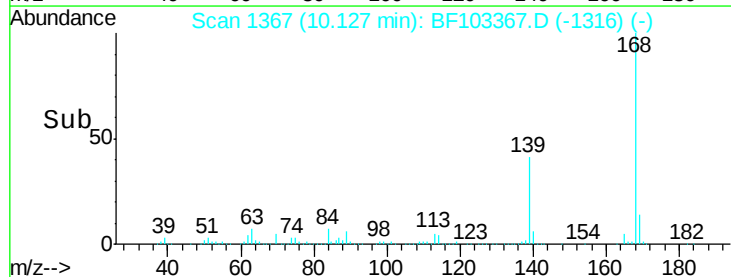
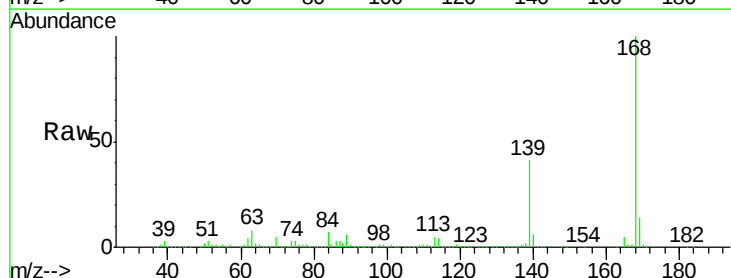
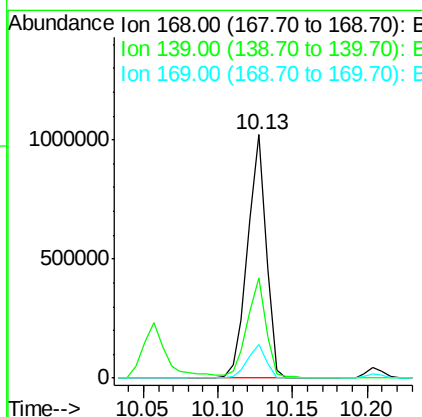
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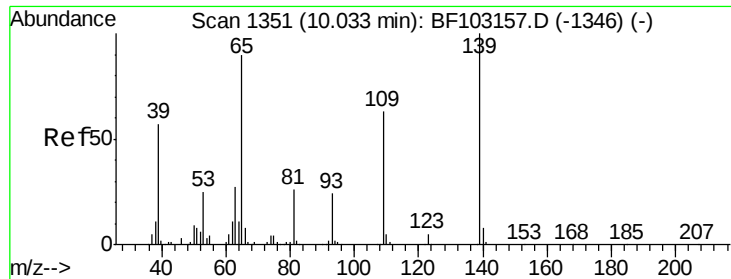
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#54
Dibenzofuran
Concen: 38.014 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	880464		
139	40.9	30.1	45.1	
169	13.6	10.9	16.3	





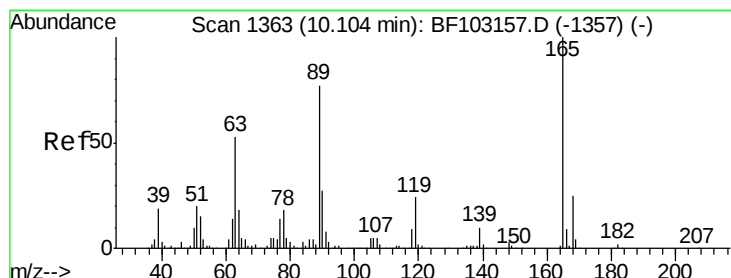
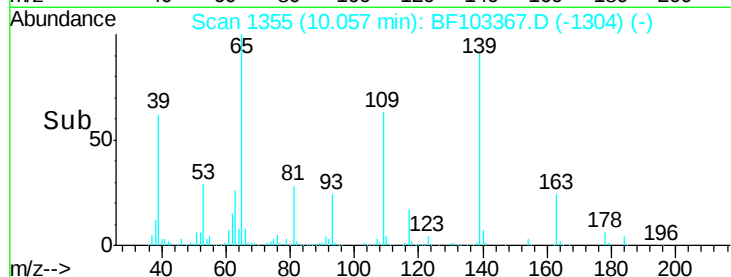
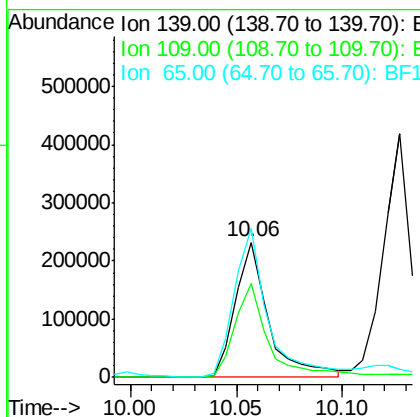
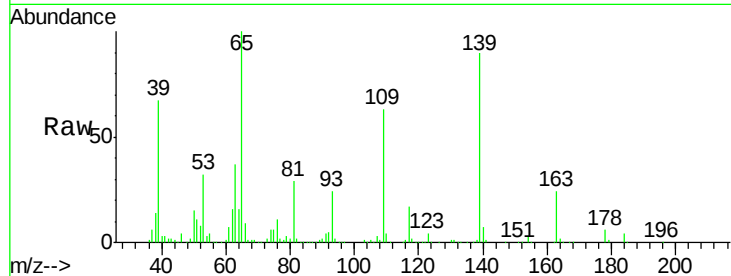
#55
4-Nitrophenol
Concen: 67.456 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	253315		
109	69.5	48.4	88.4	
65	110.5	72.6	112.6	

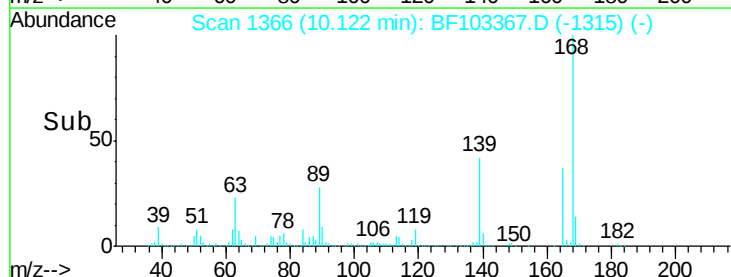
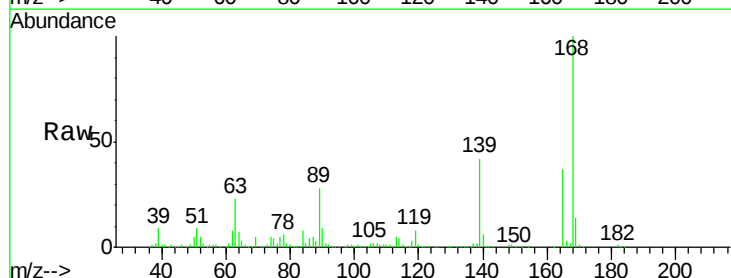
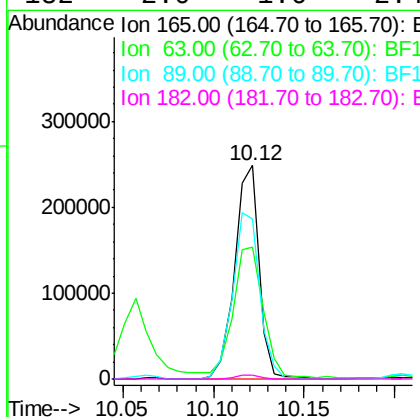
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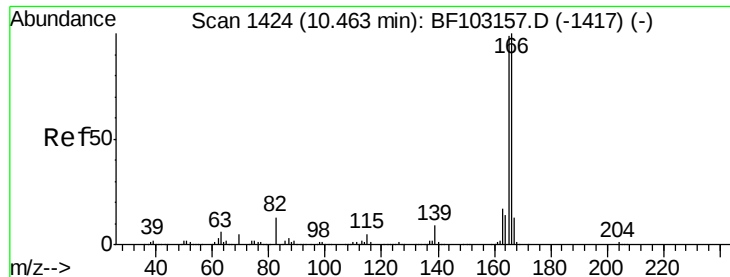
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#56
2,4-Dinitrotoluene
Concen: 38.625 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	233296		
63	61.8	36.4	54.6#	
89	74.9	57.8	86.6	
182	2.0	1.6	2.4	





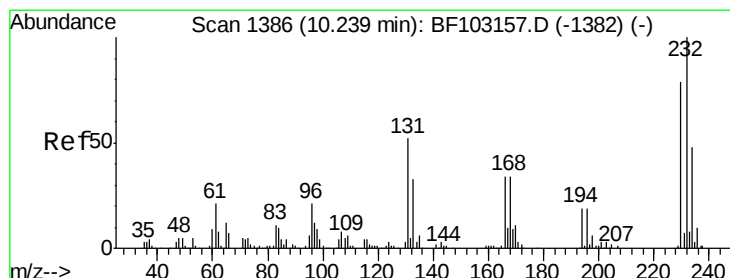
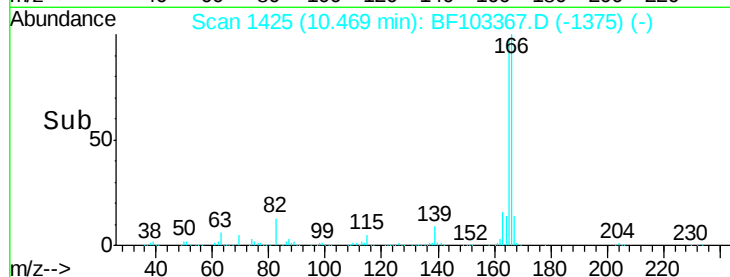
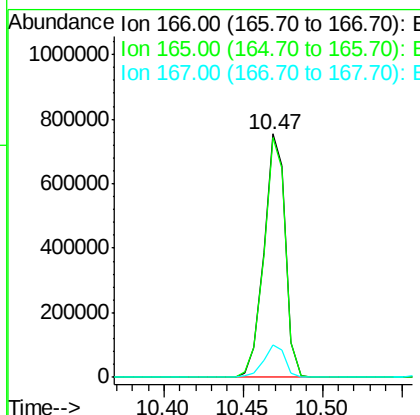
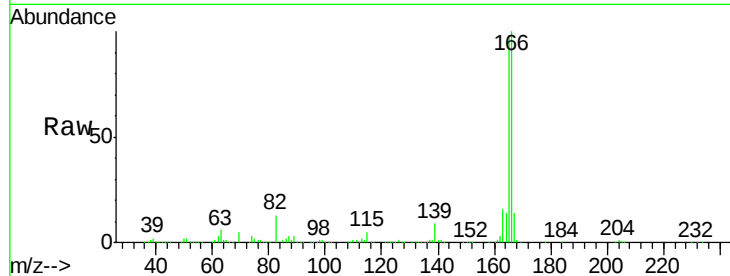
#57
 Fluorene
 Concen: 36.121 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.6	10.6	16.0

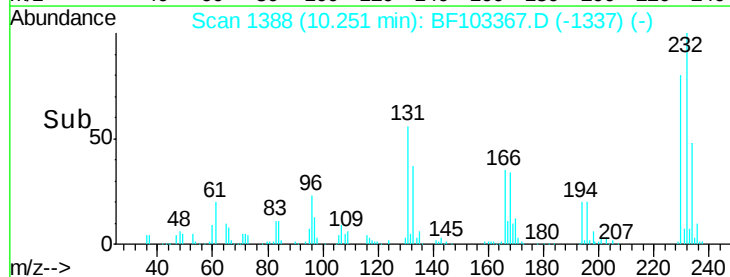
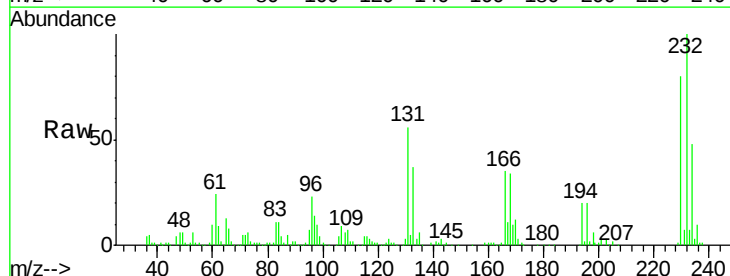
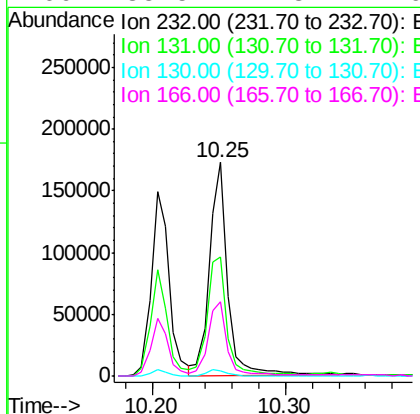
Manual Integrations
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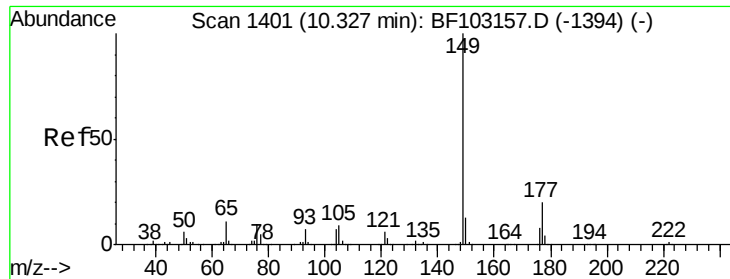
Sohil
 3/5/2018 3:13:11 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.402 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.6	43.8	65.8
130	3.1	2.1	3.1
166	35.5	27.8	41.6





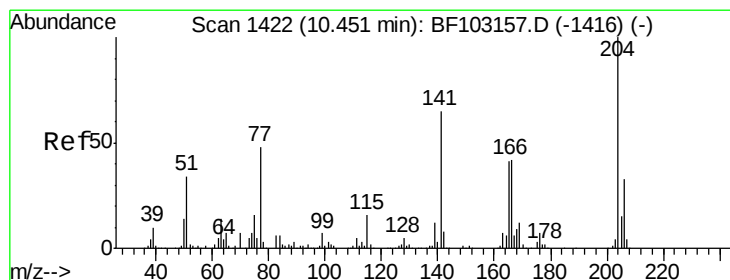
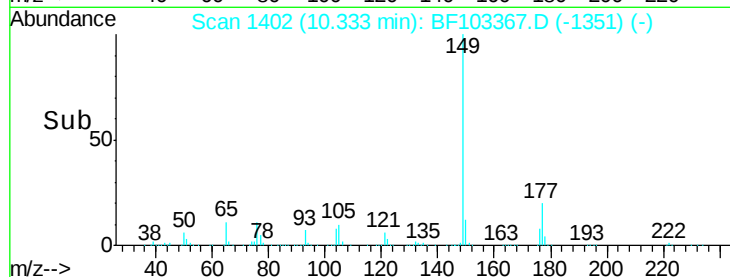
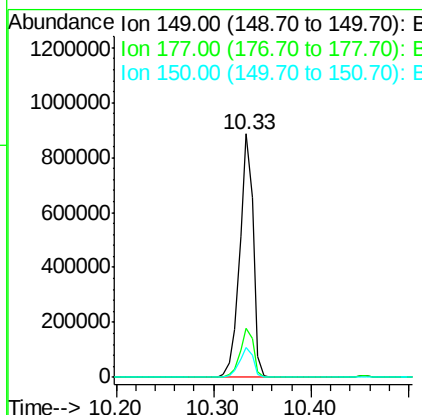
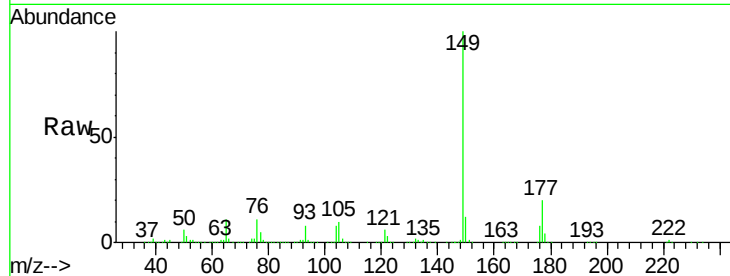
#59
Diethylphthalate
Concen: 38.629 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.1	24.1
150	12.2	10.1	15.1

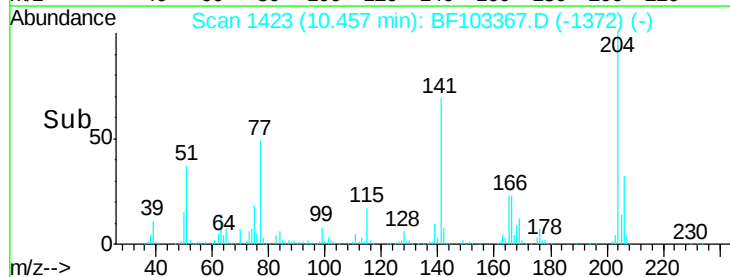
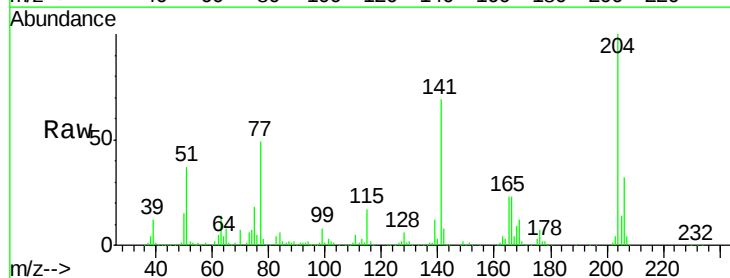
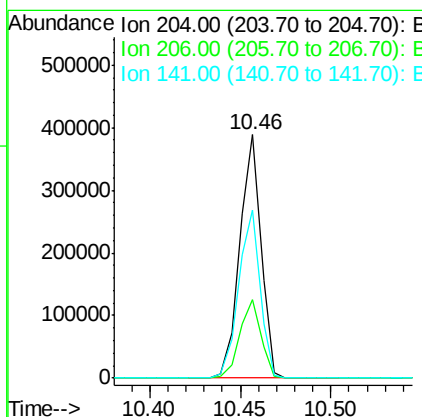
Manual Integrations
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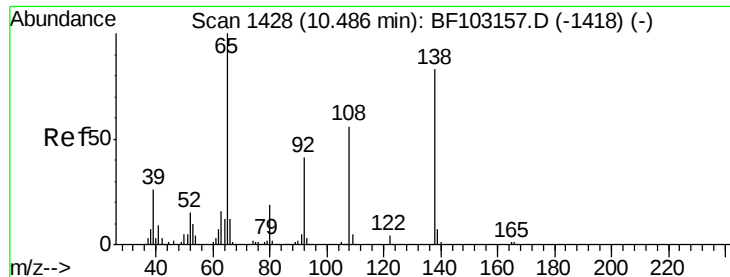
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 37.822 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	69.1	54.6	81.8





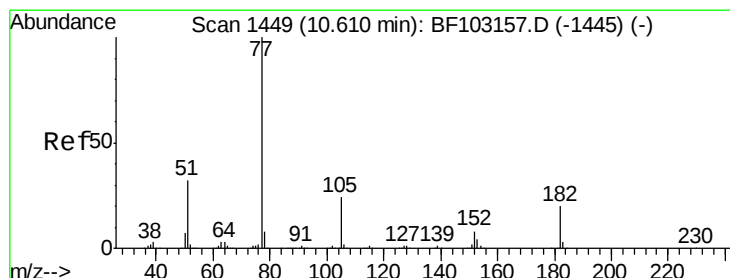
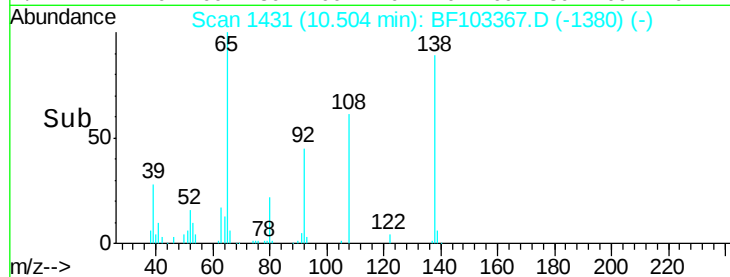
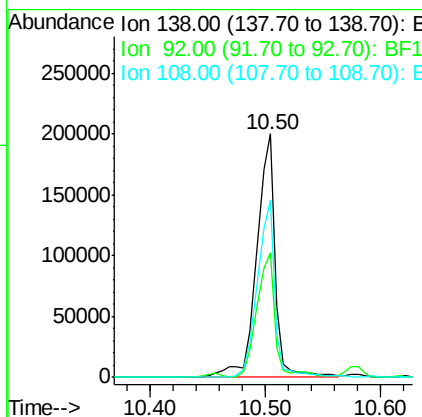
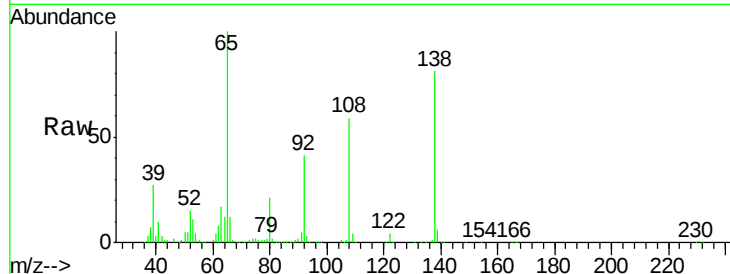
#61
4-Nitroaniline
Concen: 37.367 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampled :
PB106972BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	30.2	70.2
108	72.7	52.5	92.5

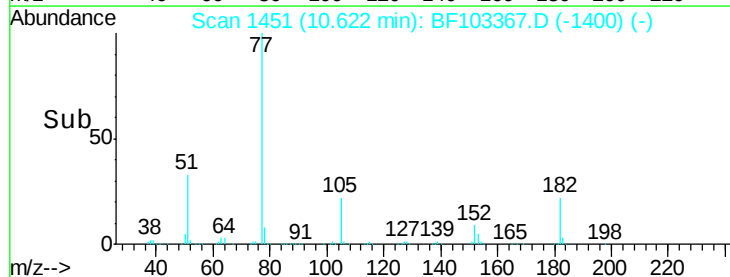
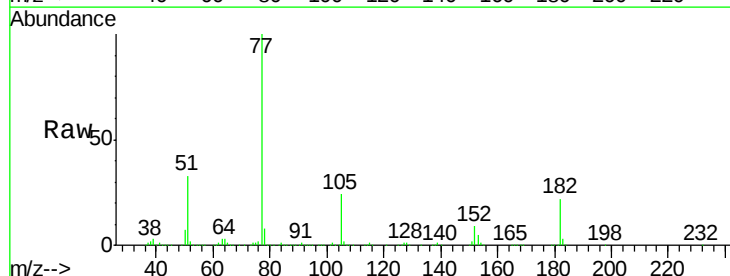
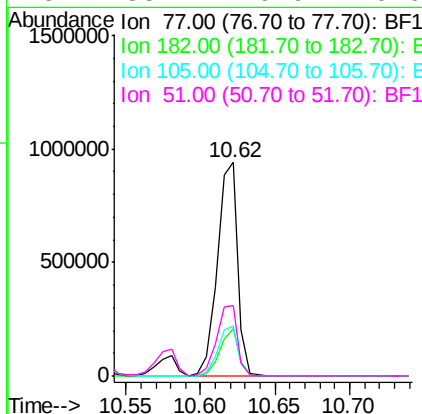
Manual Integrations
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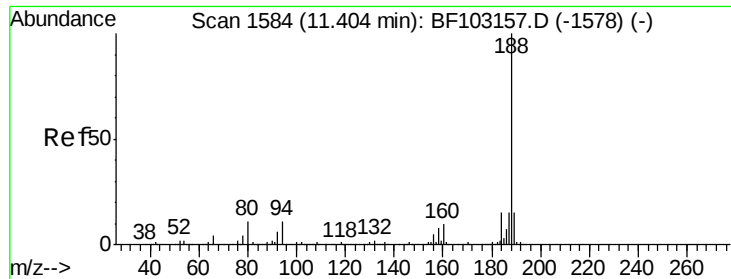
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#62
Azobenzene
Concen: 40.178 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.7	41.7
105	23.6	3.0	43.0
51	33.1	9.9	49.9





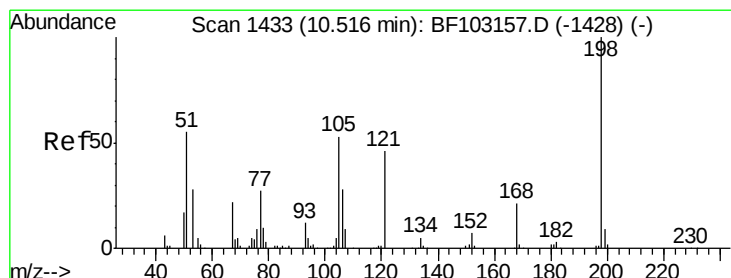
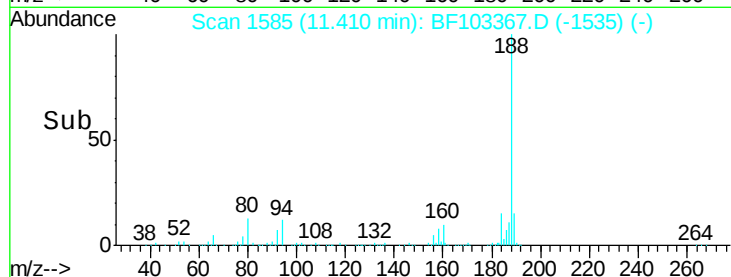
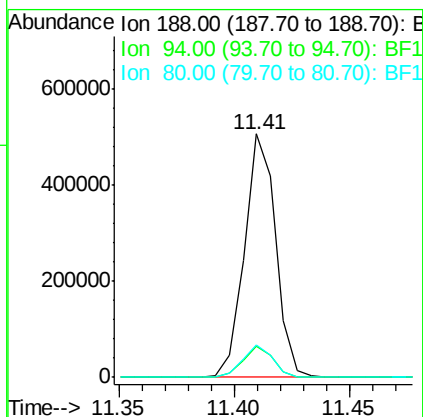
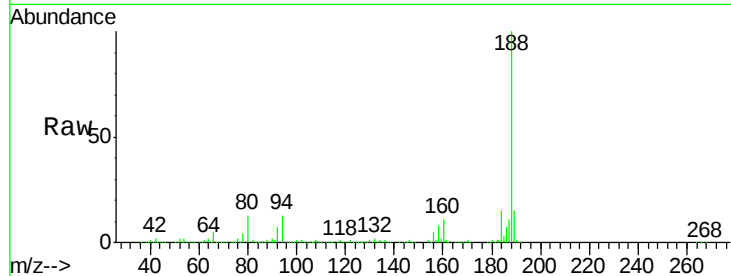
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	478332		
94	12.6		8.5	12.7
80	13.2		9.2	13.8

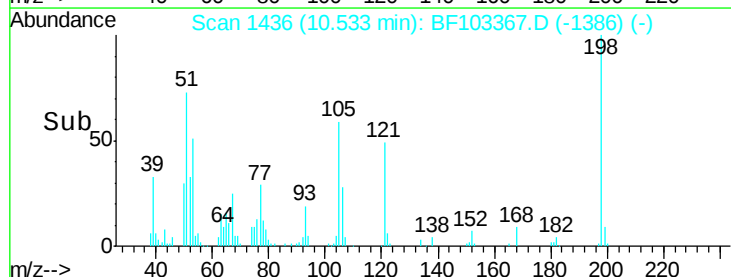
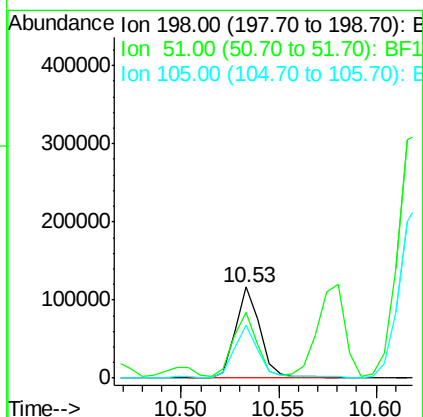
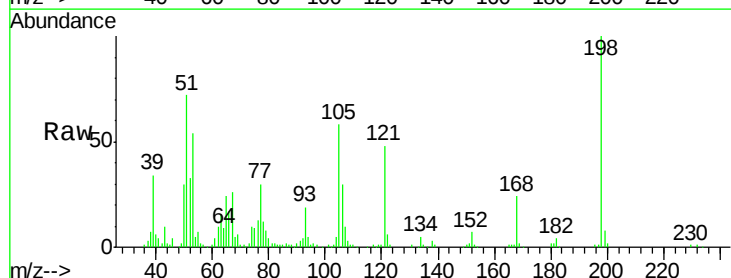
Manual Integrations
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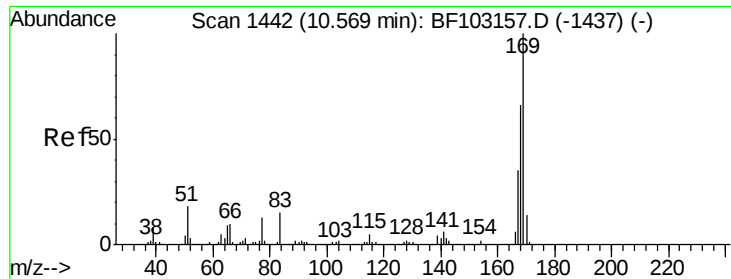
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.471 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	102293		
51	71.9		37.7	77.7
105	57.6		36.3	76.3





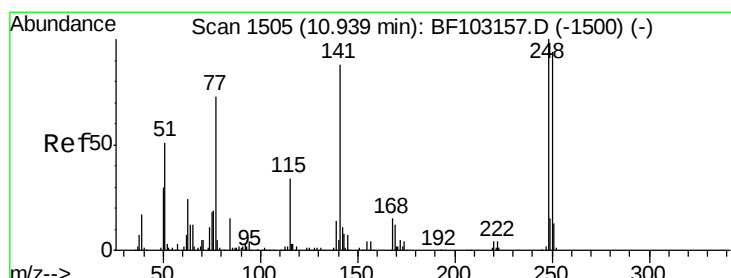
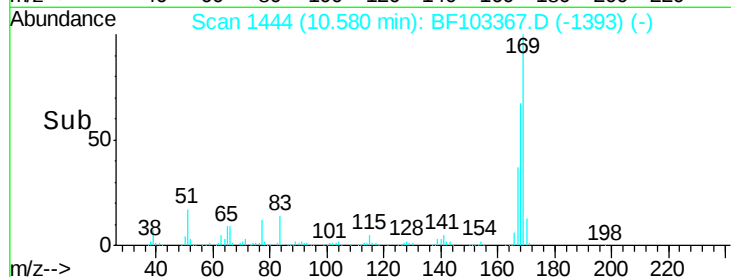
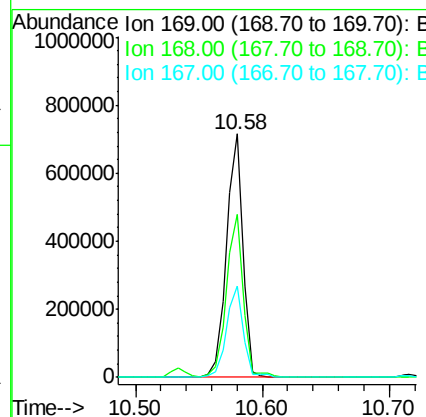
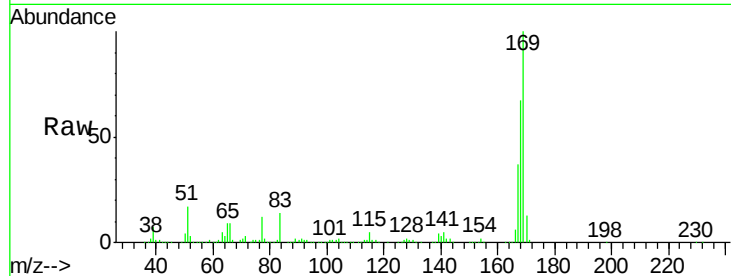
#65
n-Nitrosodiphenylamine
Concen: 38.791 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.4	81.6
167	37.4	29.8	44.6

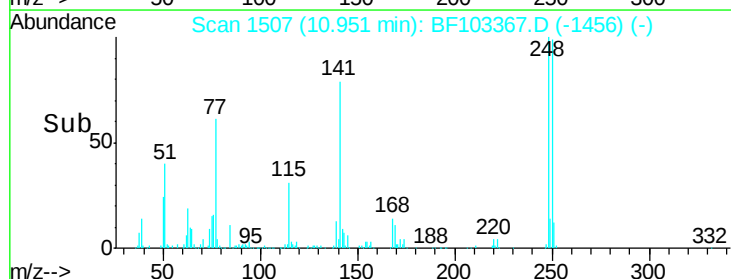
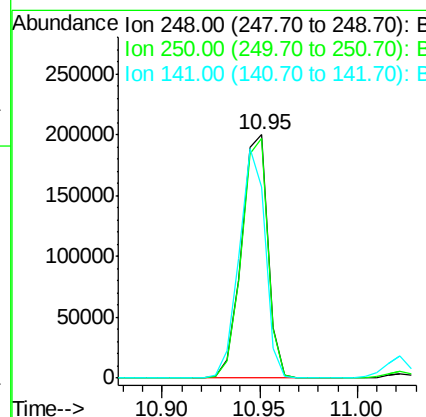
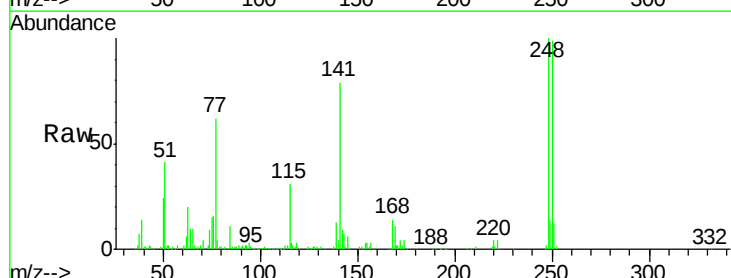
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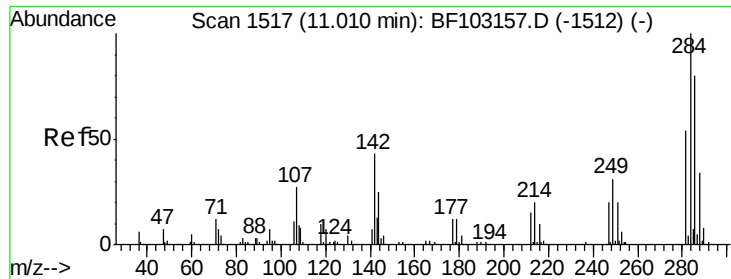
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 37.757 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	78.7	74.4	111.6





#67

Hexachlorobenzene

Concen: 36.556 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

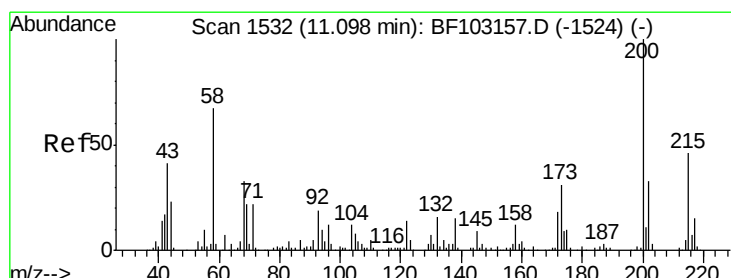
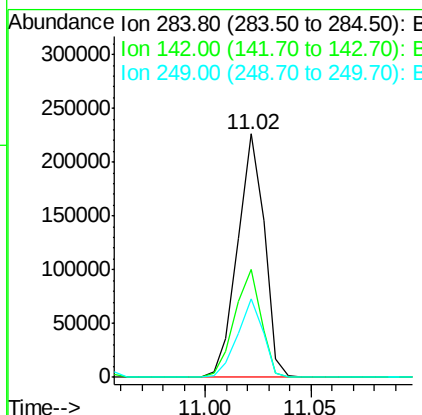
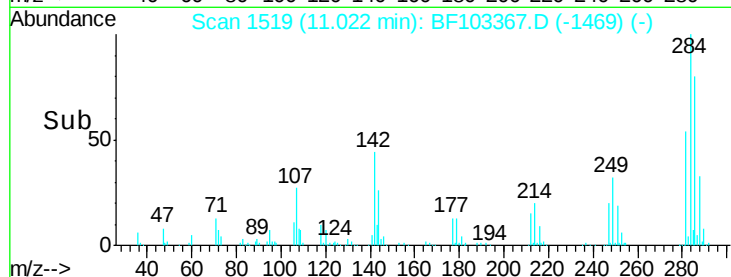
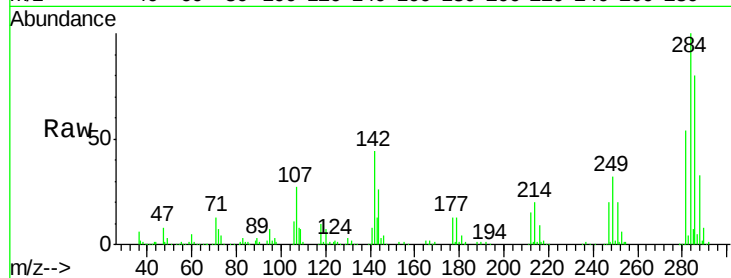
ClientSampleId :

PB106972BS

Tot Ion:	284	Resp:	197707
Ion Ratio		Lower	Upper
284	100		
142	44.3	34.6	52.0
249	32.3	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 40.290 ng

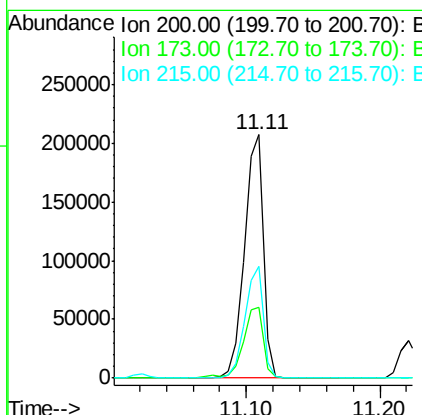
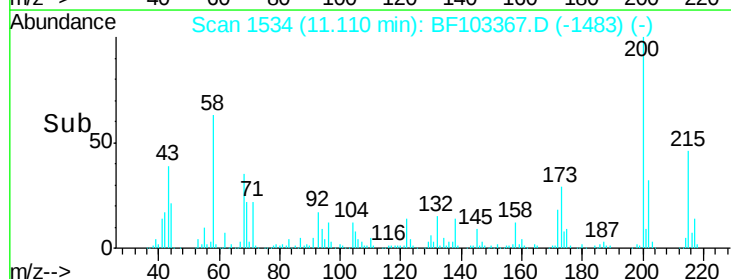
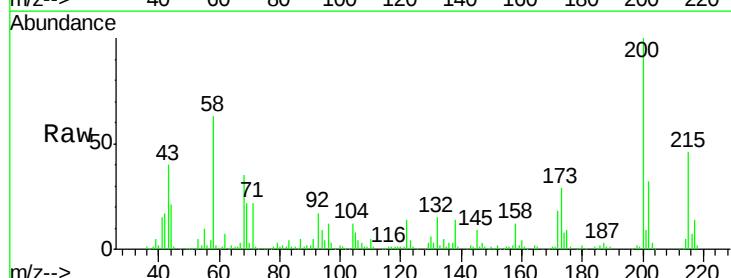
RT: 11.11 min Scan# 1534

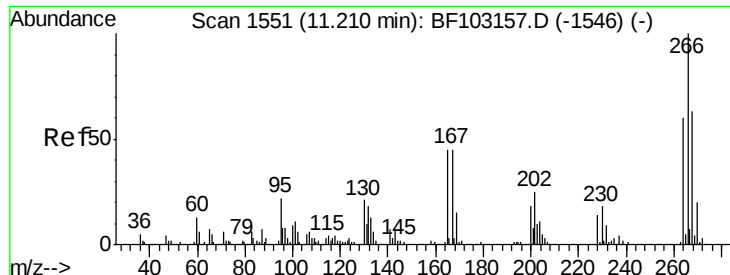
Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	200	Resp:	201688
Ion Ratio		Lower	Upper
200	100		
173	29.1	8.6	48.6
215	45.8	25.1	65.1





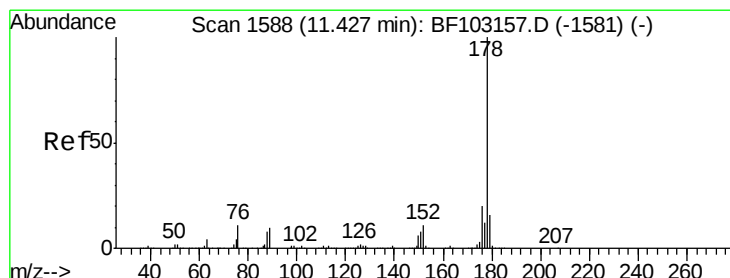
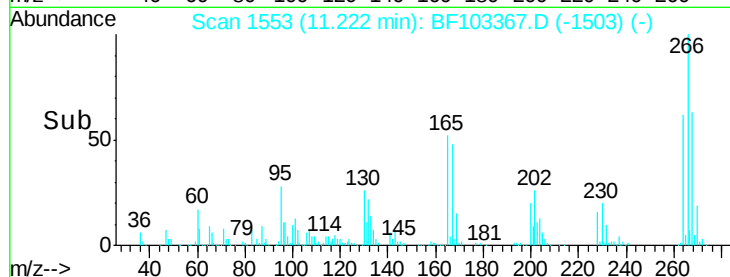
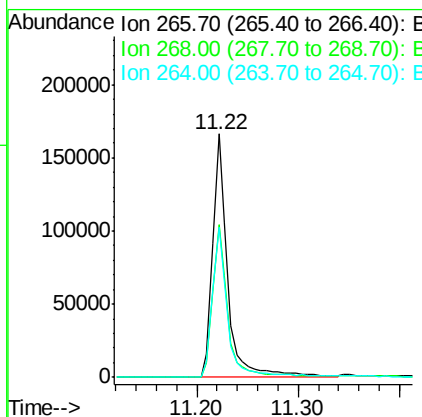
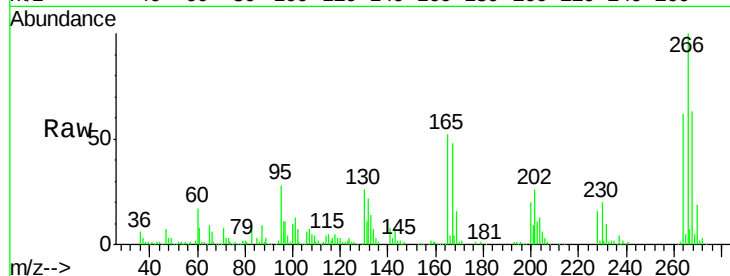
#69
 Pentachlorophenol
 Concen: 66.758 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.6	49.5	74.3

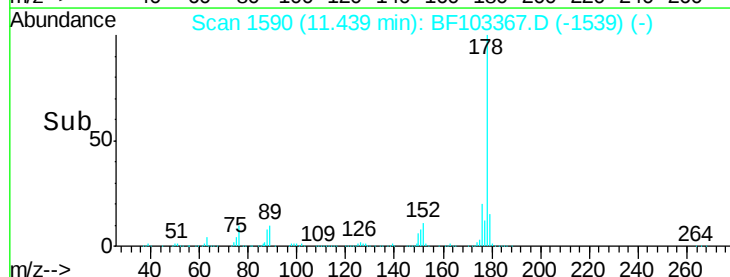
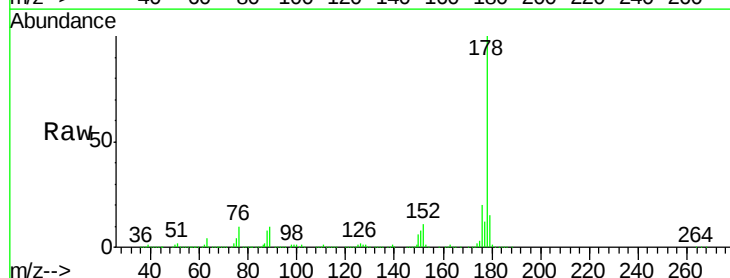
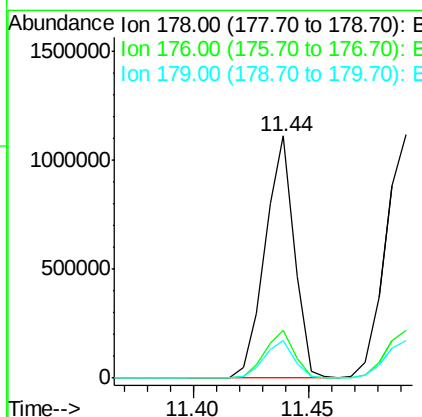
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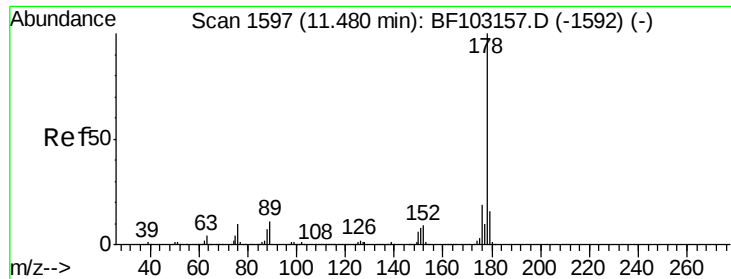
Sohil
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#70
 Phenanthrene
 Concen: 37.204 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	13.0	19.6





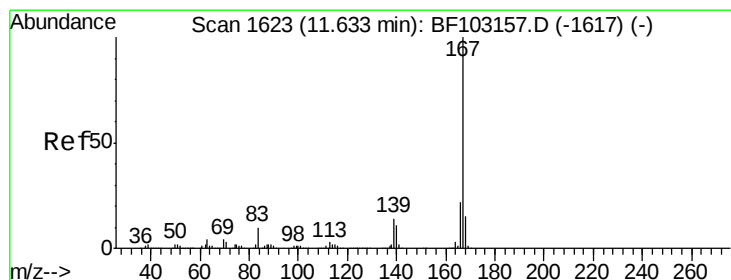
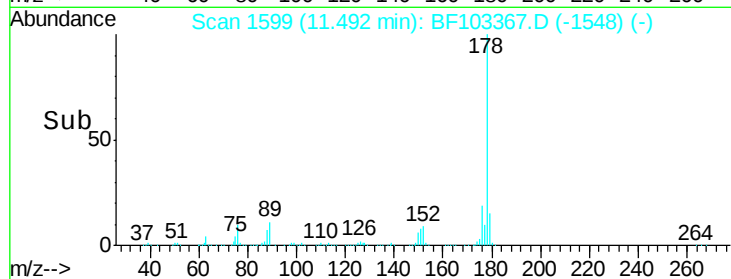
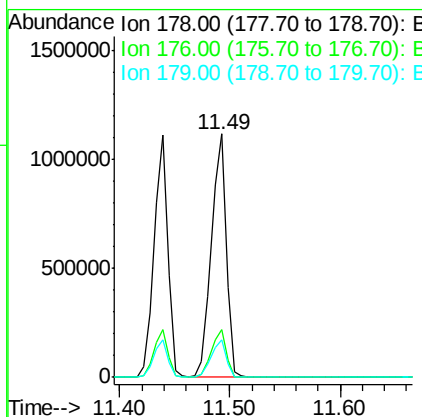
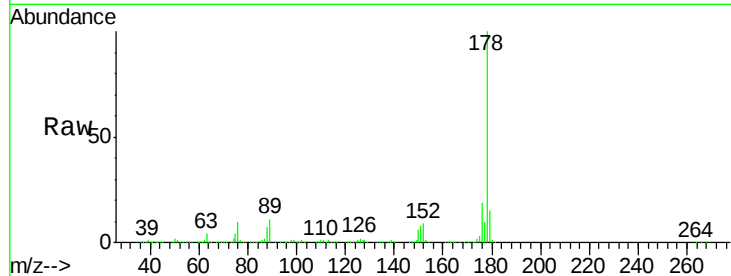
#71
 Anthracene
 Concen: 38.099 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.6	19.0

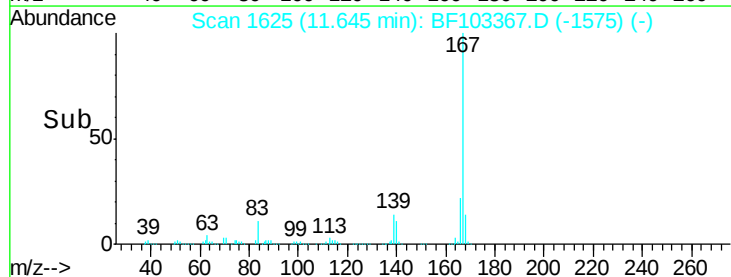
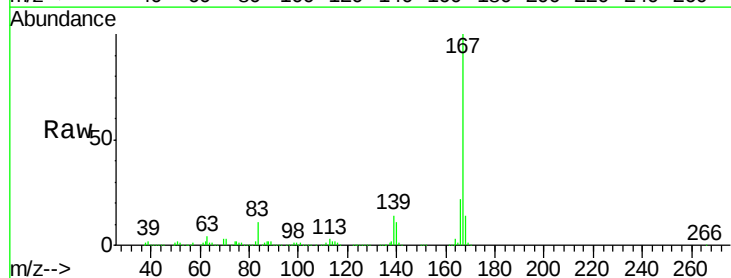
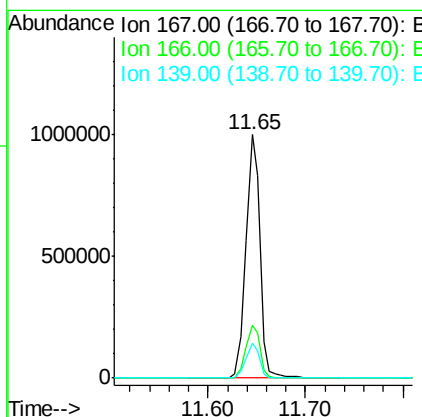
Manual Integrations
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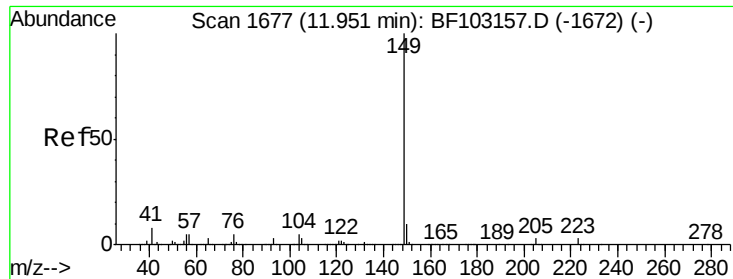
Sohil
 3/5/2018 3:13:11 PM



#72
 Carbazole
 Concen: 37.175 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.913 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

Tot Ion:149 Resp: 1275254

Ion Ratio Lower Upper

149 100

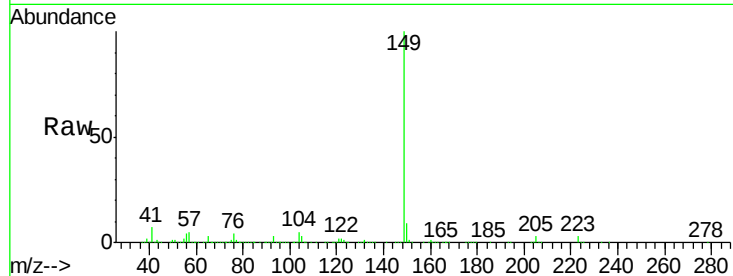
150 9.2 7.8 11.6

104 4.6 3.8 5.8

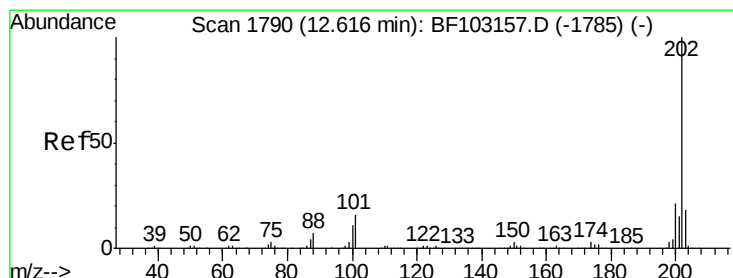
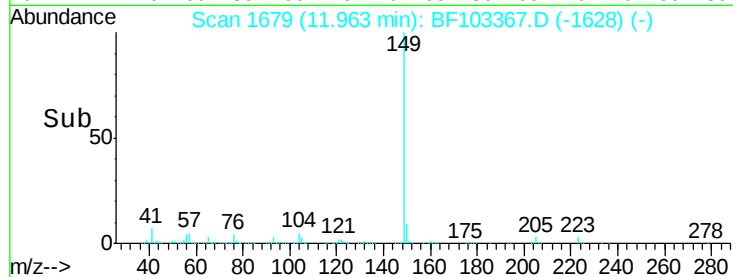
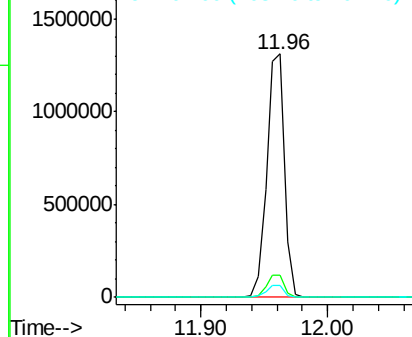
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.474 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

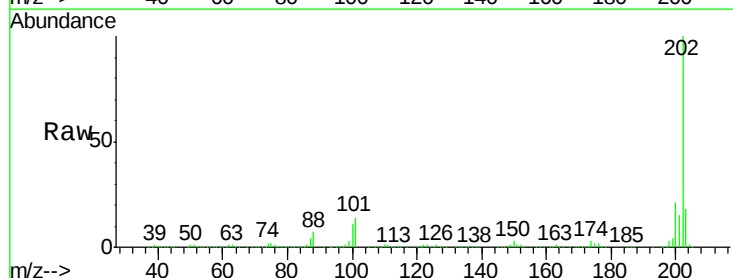
Tgt Ion:202 Resp: 1017739

Ion Ratio Lower Upper

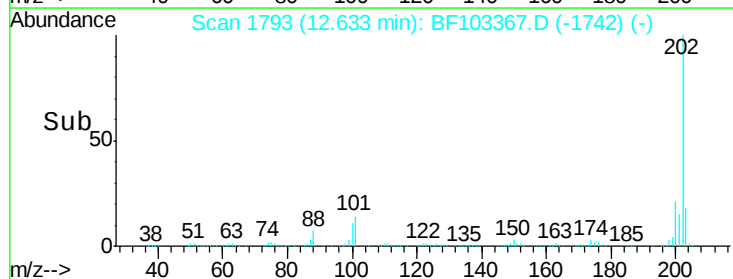
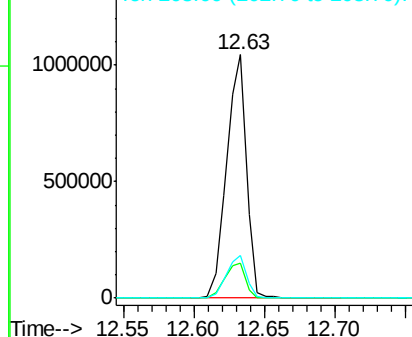
202 100

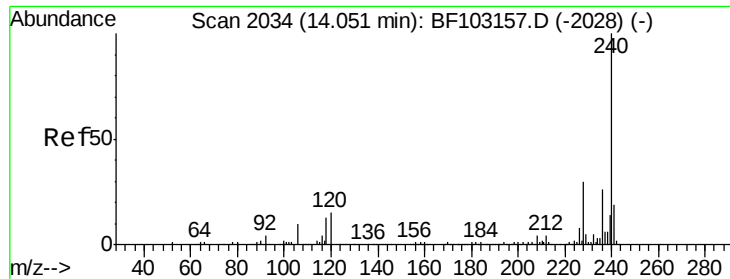
101 14.1 0.0 34.1

203 17.6 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: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

ClientSampleId :

PB106972BS

Tot Ion:240 Resp: 340202

Ion Ratio Lower Upper

240 100

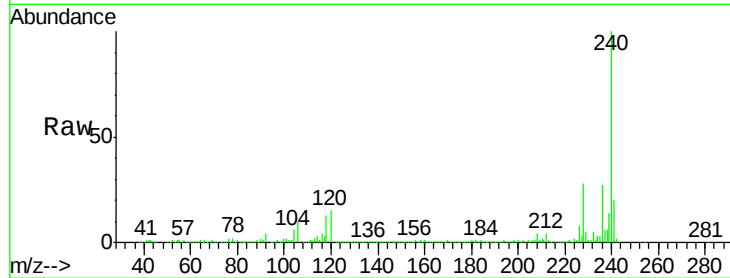
120 14.6 9.5 14.3#

236 26.7 20.7 31.1

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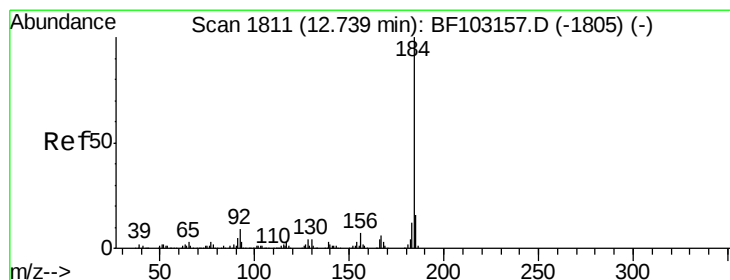
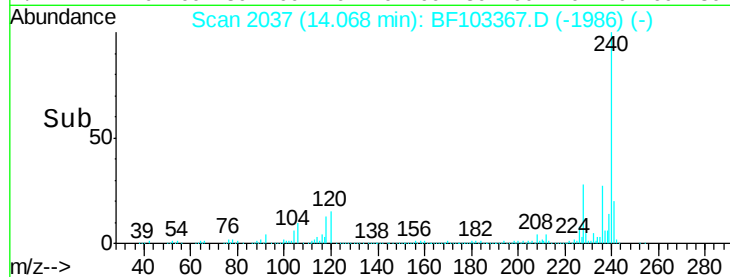
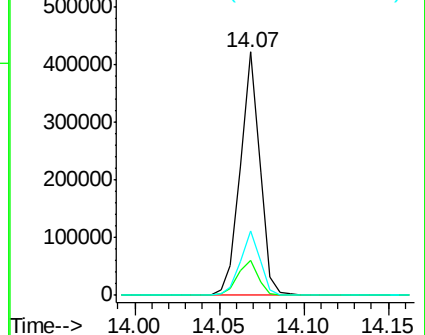
3/5/2018 3:13:11 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.747 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

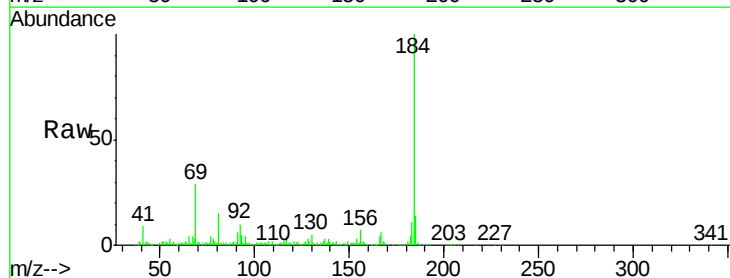
Tgt Ion:184 Resp: 327468

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

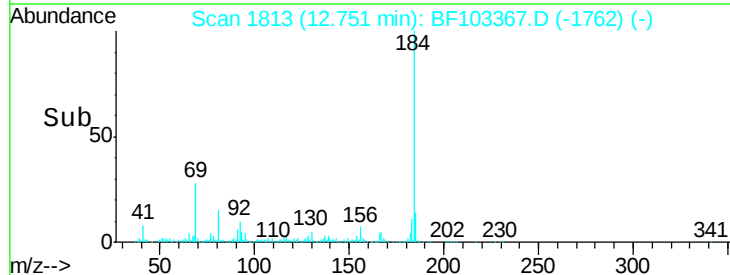
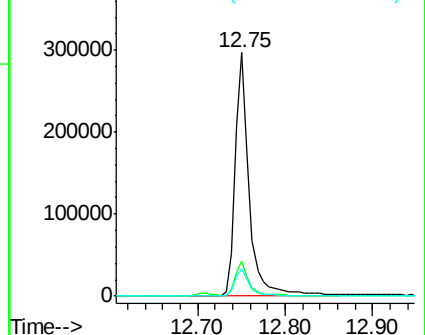
183 11.2 9.3 13.9

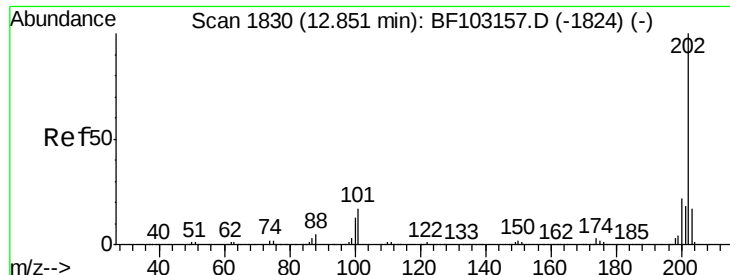


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.093 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Instrument :

BNA_F

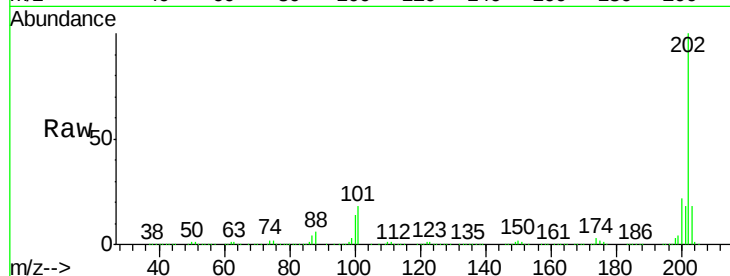
ClientSampleId :

PB106972BS

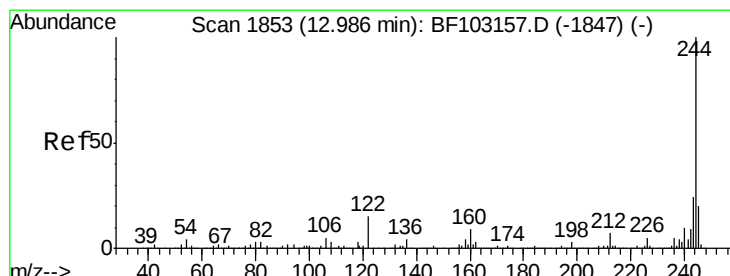
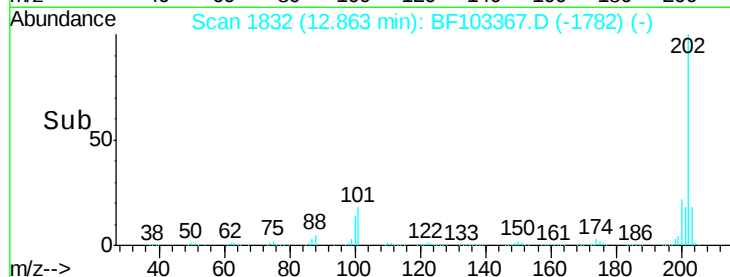
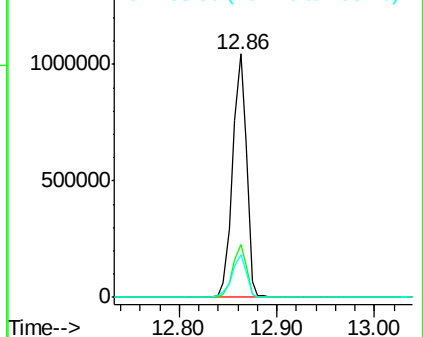
Tot Ion:	202	Resp:	1036911
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

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



#78

Terphenyl-d14

Concen: 82.348 ng

RT: 13.00 min Scan# 1855

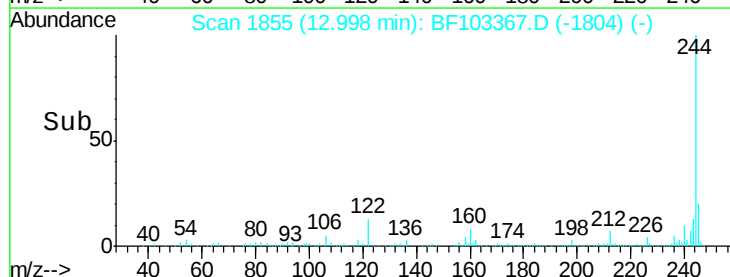
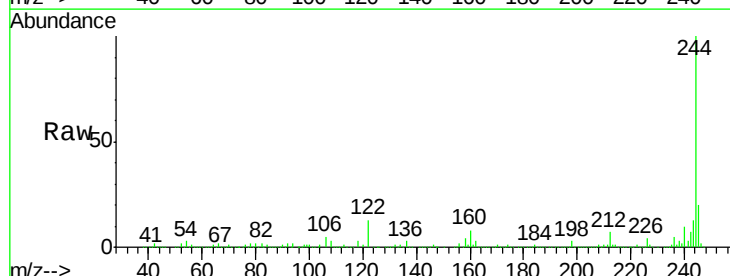
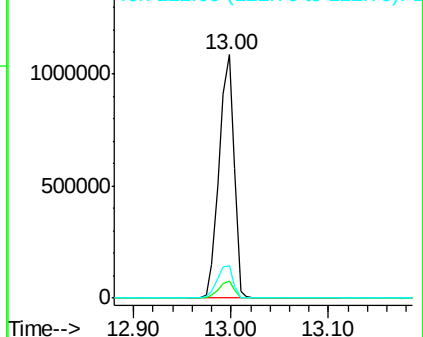
Delta R.T. -0.00 min

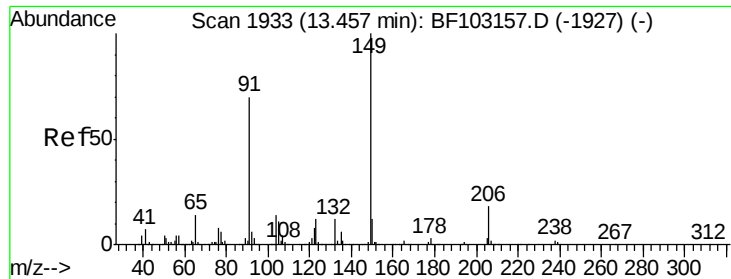
Lab File: BF103367.D

Acq: 2 Mar 2018 16:12

Tgt Ion:	244	Resp:	1165406
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4

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





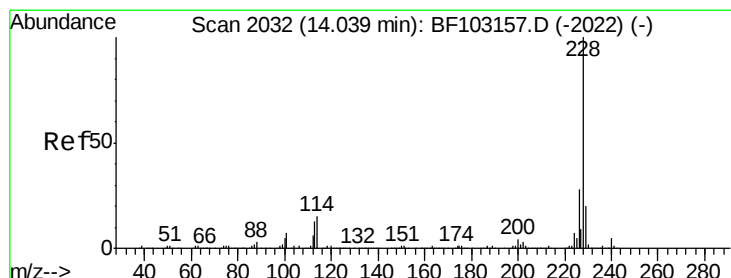
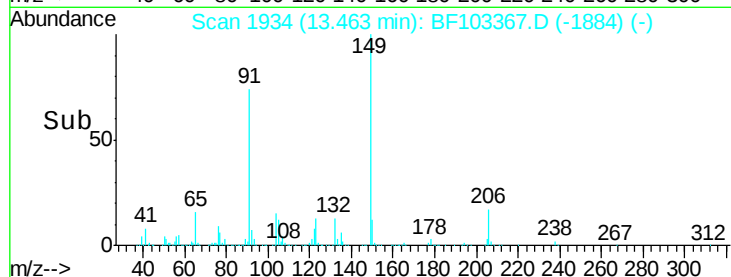
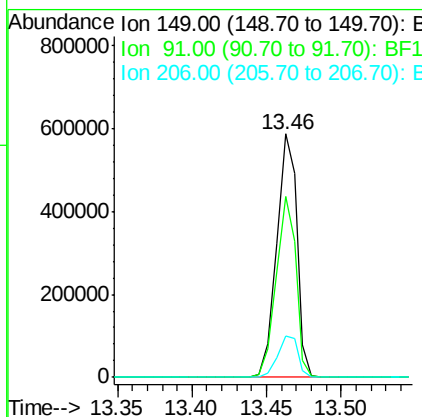
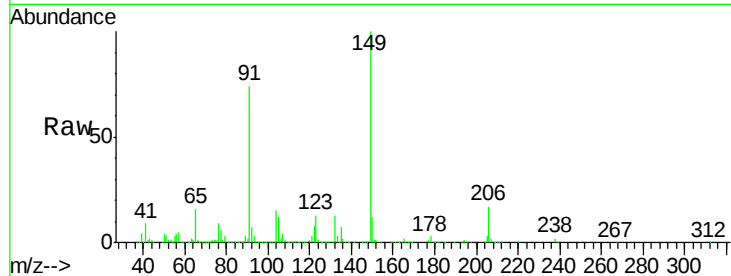
#79
Butylbenzylphthalate
Concen: 39.680 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.8	85.2
206	17.1	14.1	21.1

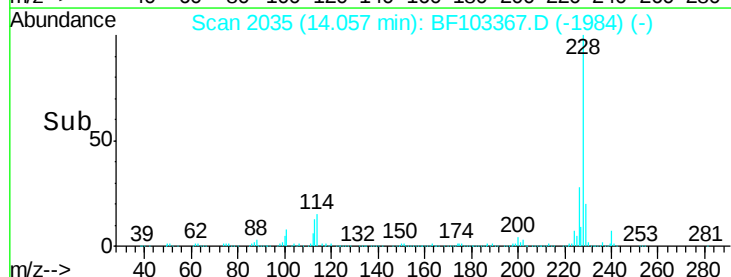
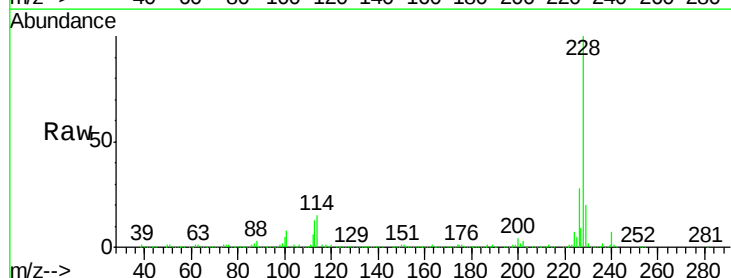
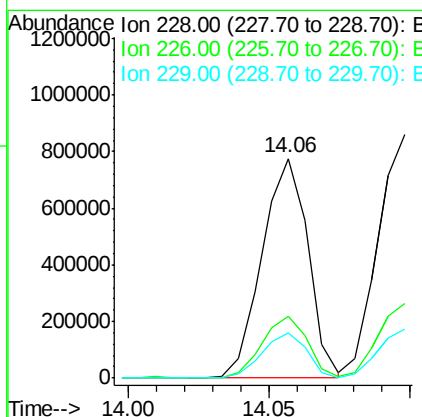
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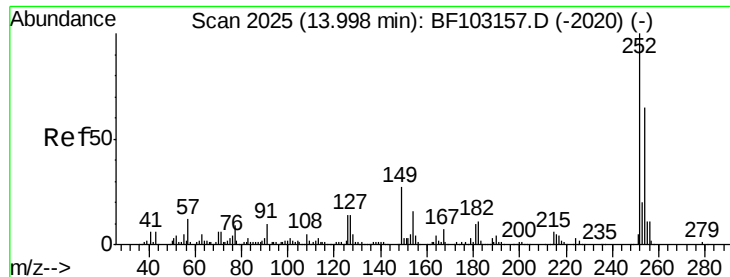
Sohil
3/5/2018 3:13:11 PM



#80
Benzo(a)anthracene
Concen: 39.687 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.5	15.8	23.6





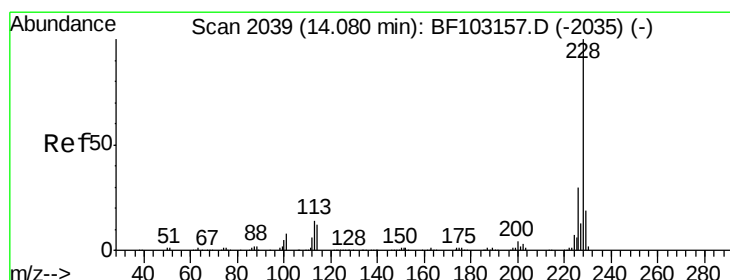
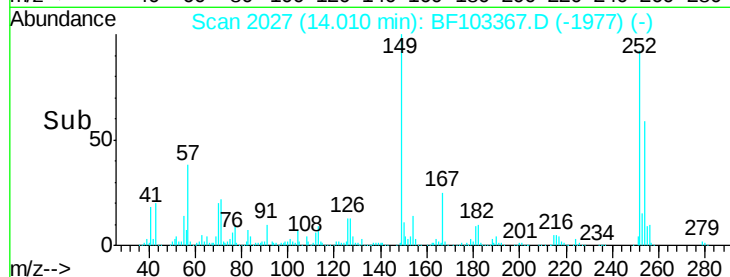
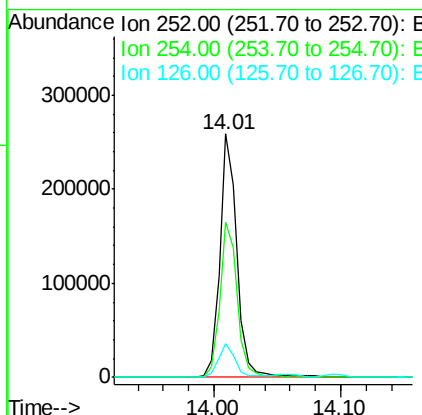
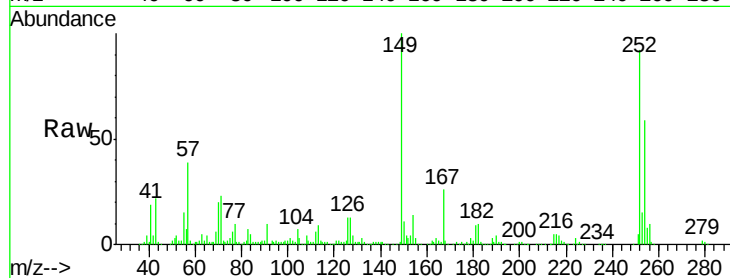
#81
3,3'-Dichlorobenzidine
Concen: 30.995 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	244169		
254	63.9	50.4	75.6	
126	14.1	11.3	16.9	

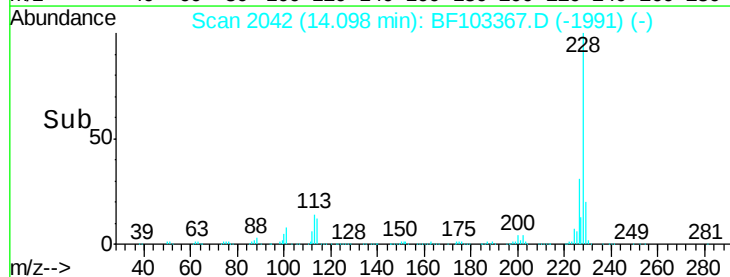
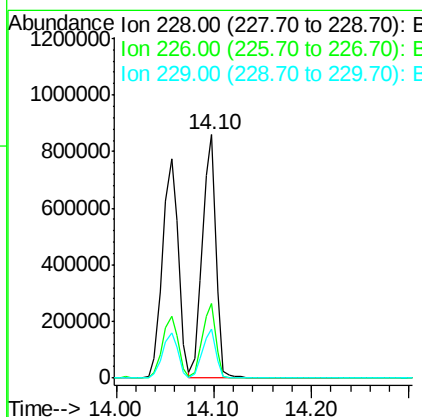
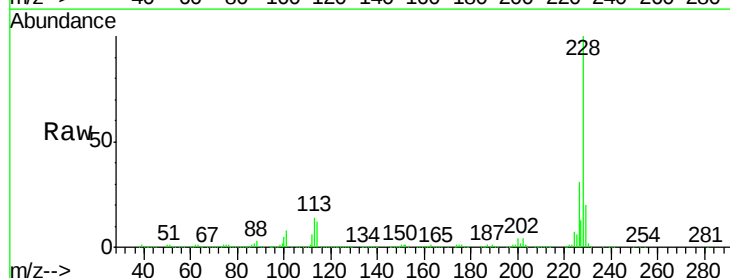
Manual Integrations
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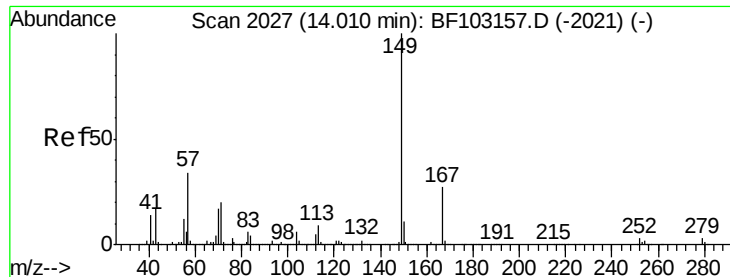
Sohil
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#82
Chrysene
Concen: 38.721 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	829911		
226	30.8	25.0	37.6	
229	20.0	16.2	24.4	





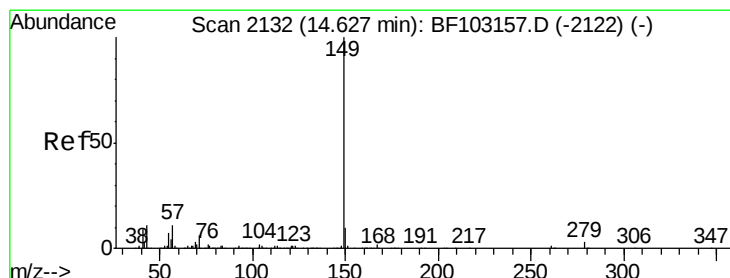
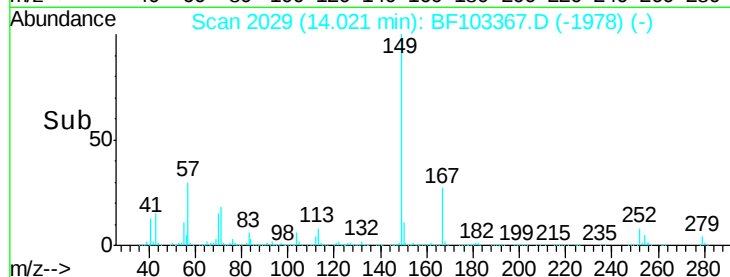
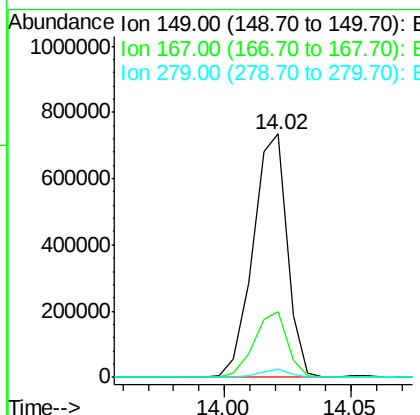
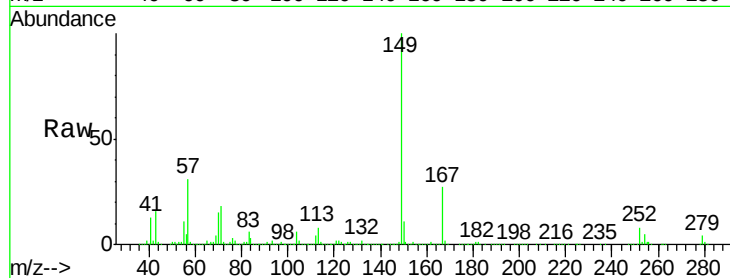
#83
Bis(2-ethylhexyl)phthalate
Concen: 36.549 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.5	3.0	4.4

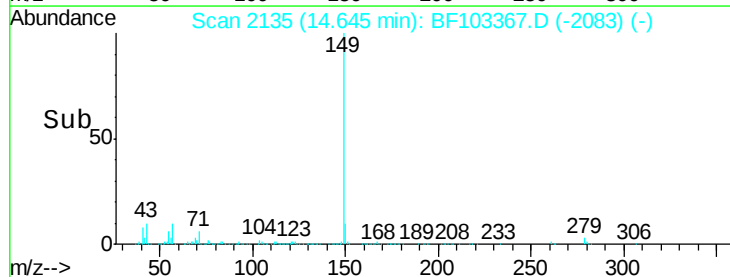
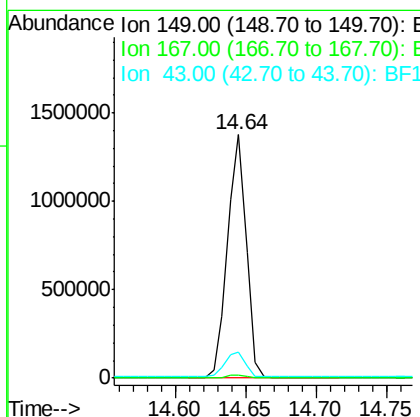
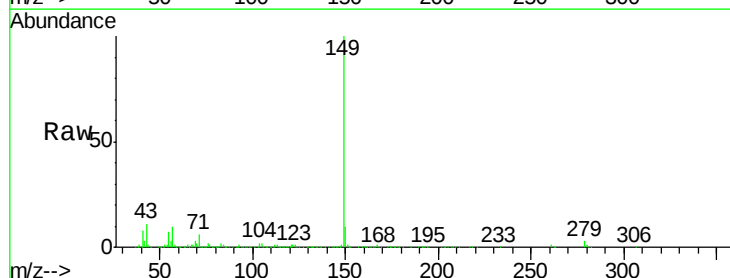
Manual Integrations
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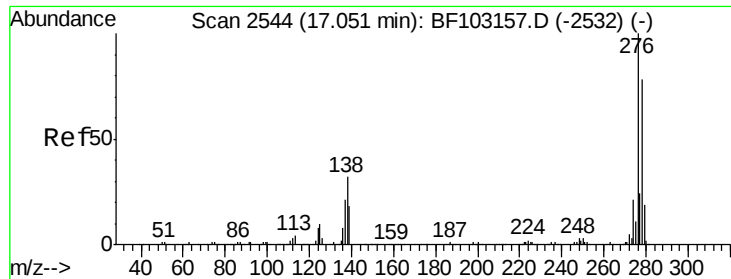
Sohil
3/5/2018 3:13:11 PM



#84
Di-n-octyl phthalate
Concen: 41.630 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6





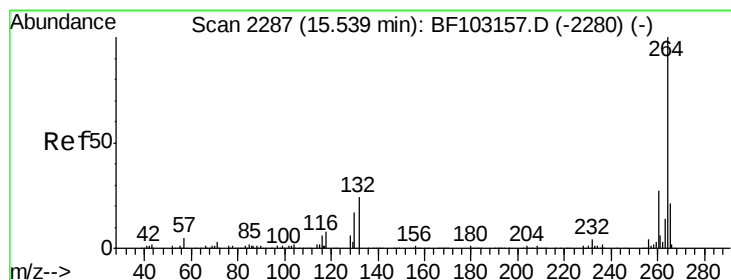
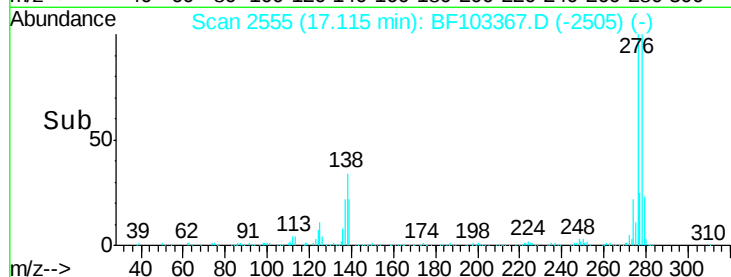
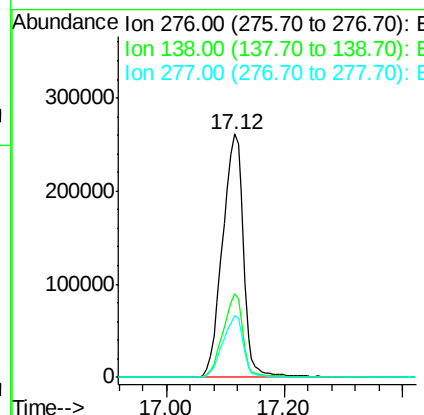
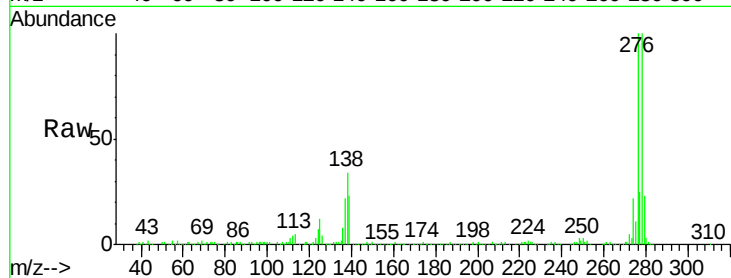
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.196 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	25.1	20.1	30.1

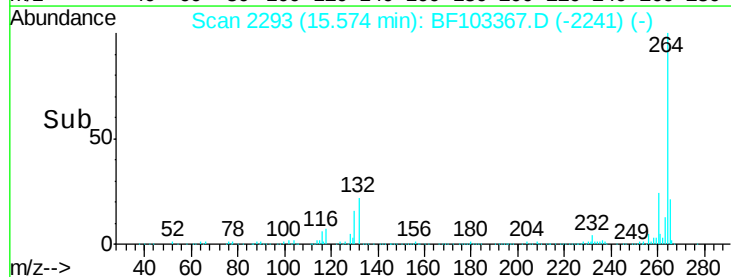
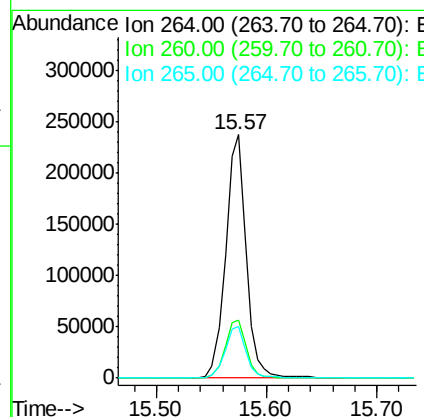
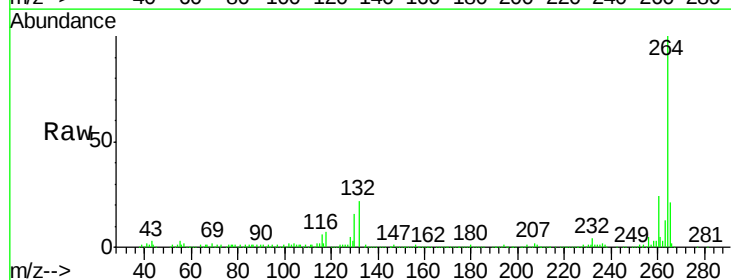
Manual Integrations
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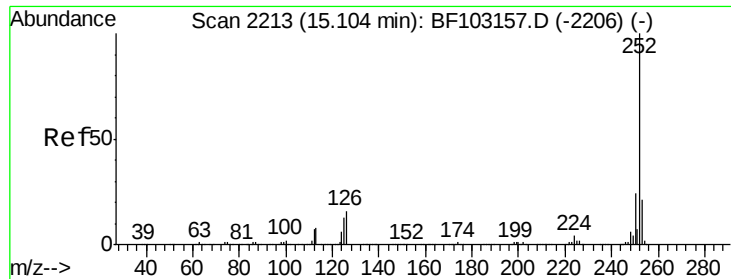
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3





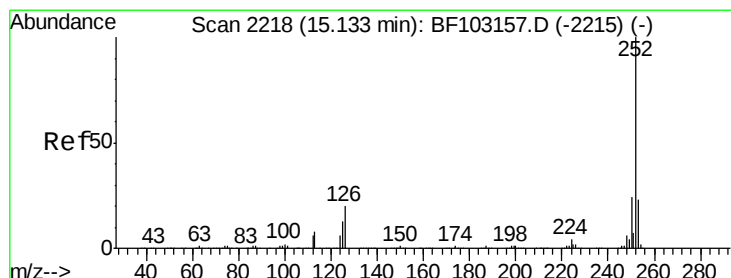
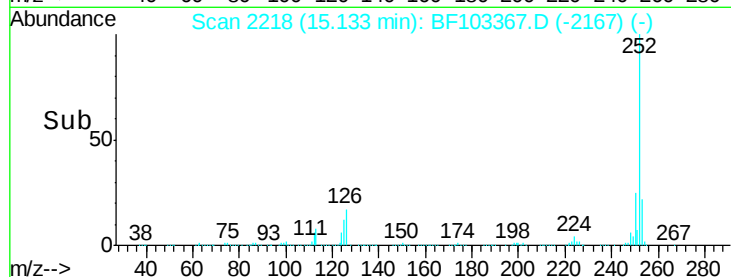
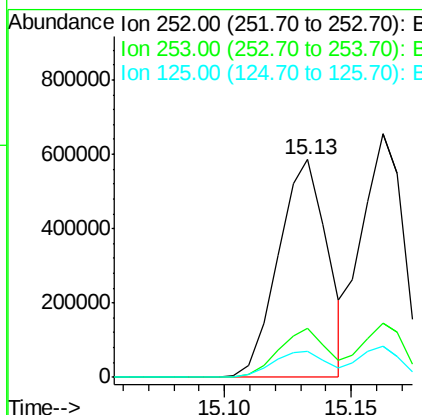
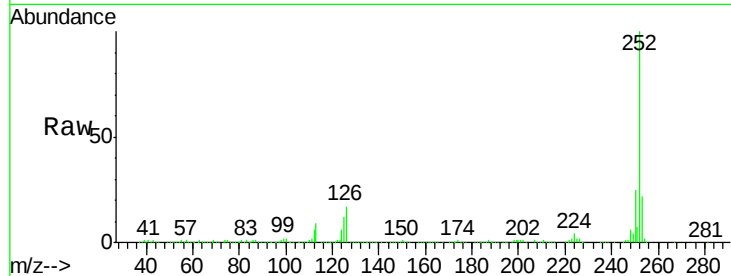
#87
Benzo(b)fluoranthene
Concen: 39.134 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.0	9.0	13.6

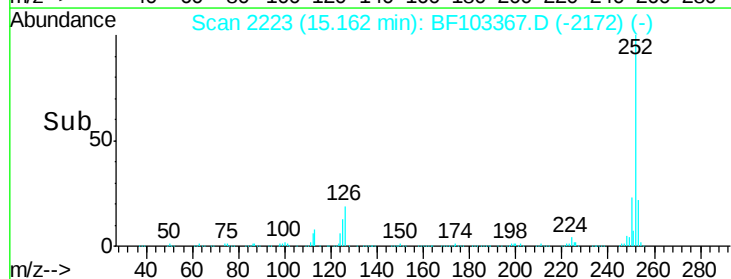
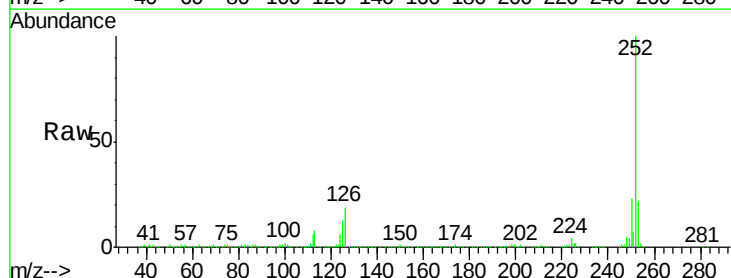
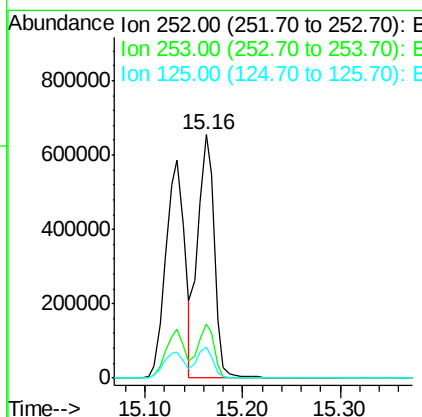
Manual Integrations
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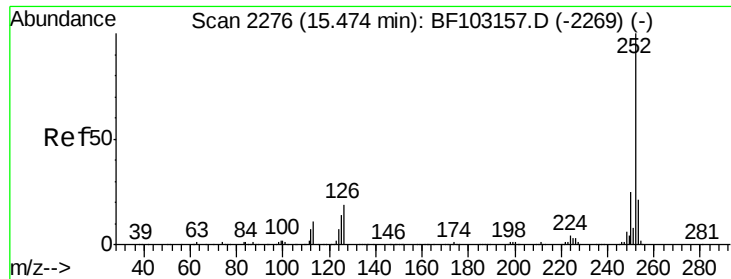
Sohil
3/5/2018 3:13:11 PM



#88
Benzo(k)fluoranthene
Concen: 40.268 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.8	10.2	15.2





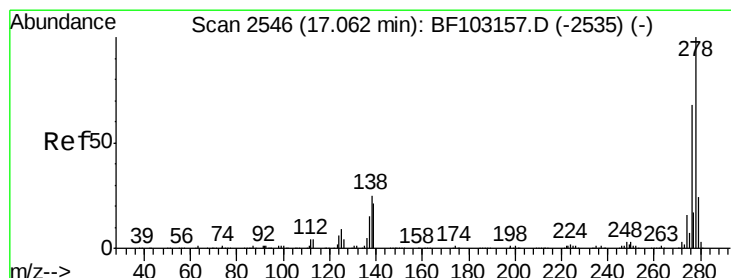
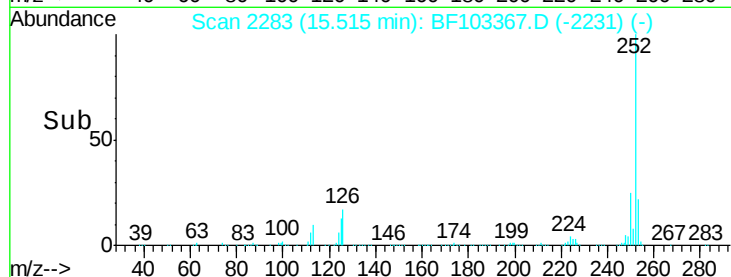
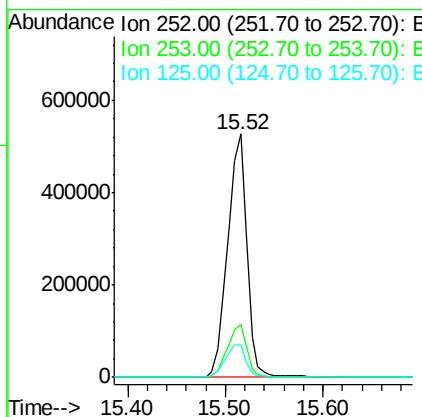
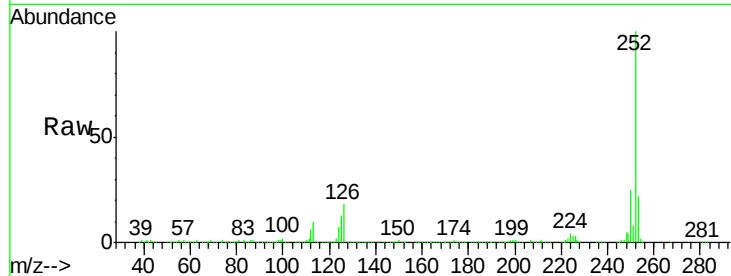
#89
Benzo(a)pyrene
Concen: 40.211 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.1	9.8	14.6

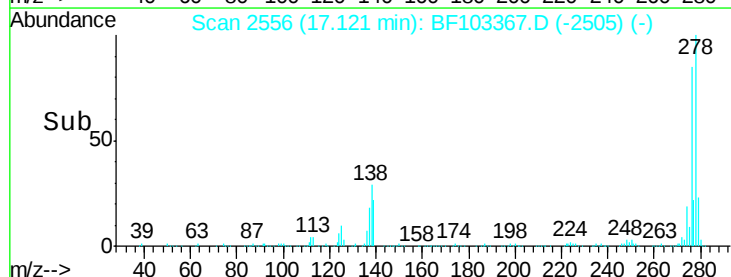
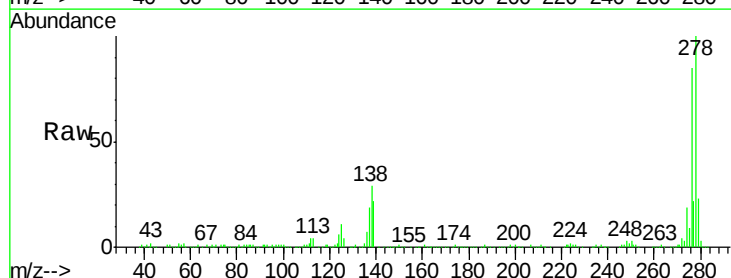
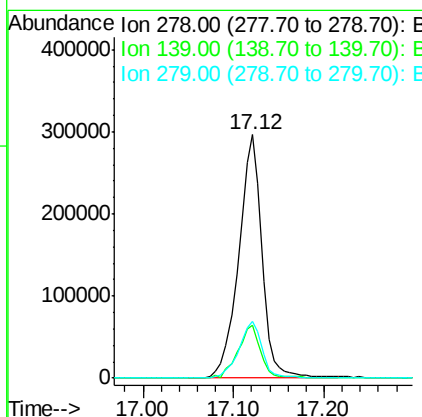
Manual Integrations
APPROVED

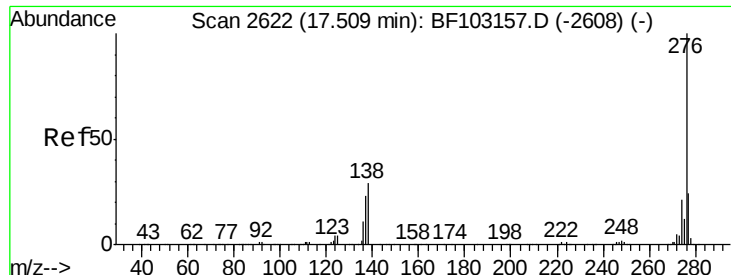
Sohil
3/5/2018 3:13:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.019 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF103367.D
Acq: 2 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.061 ng
 RT: 17.58 min Scan# 2634
 Delta R.T. -0.00 min
 Lab File: BF103367.D
 Acq: 2 Mar 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BS

Tot Ion:	276	Resp:	545701
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.9	26.9
138	28.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:13:11 PM

