

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102079.D
 Acq On : 15 Jan 2018 22:40
 Operator : SJ/JU
 Sample : PB105648BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:01:27 PM

Quant Time: Jan 16 01:11:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	184614	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	737423	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	308961	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	467763	20.00	ng	0.00
75) Chrysene-d12	13.87	240	283193	20.00	ng	-0.01
86) Perylene-d12	15.28	264	288564	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	921040	70.45	ng	0.01
7) Phenol-d6	6.36	99	1094306	70.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	923749	73.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	197255	73.16	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1591887	80.49	ng	0.00
78) Terphenyl-d14	12.82	244	982653	72.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	181691	27.848	ng	96
3) Pyridine	3.19	79	492693	27.652	ng	94
4) n-Nitrosodimethylamine	3.15	42	233257	31.262	ng	96
6) Aniline	6.38	93	235477	10.712	ng	94
8) 2-Chlorophenol	6.50	128	457023	34.855	ng	100
9) Benzaldehyde	6.27	77	72836	6.725	ng	92
10) Phenol	6.37	94	543078	30.808	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	423184	31.540	ng	99
12) 1,3-Dichlorobenzene	6.66	146	466860	30.887	ng	98
13) 1,4-Dichlorobenzene	6.74	146	471371	31.252	ng	99
14) 1,2-Dichlorobenzene	6.89	146	435019	31.161	ng	98
15) Benzyl Alcohol	6.87	79	349929	30.669	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	688036	27.818	ng	99
17) 2-Methylphenol	6.98	107	351108	29.683	ng	98
18) Hexachloroethane	7.23	117	158555	29.852	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	289779	28.348	ng	96
20) 3+4-Methylphenols	7.13	107	417355	29.386	ng	# 68
22) Acetophenone	7.13	105	582920	32.808	ng	# 87
24) Nitrobenzene	7.31	77	436728	32.388	ng	94
25) Isophorone	7.55	82	794851	32.056	ng	99
26) 2-Nitrophenol	7.62	139	231214	40.967	ng	97
27) 2,4-Dimethylphenol	7.66	122	361511	34.297	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	499261	33.347	ng	100
29) 2,4-Dichlorophenol	7.86	162	346222	34.593	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	344310	32.889	ng	98
31) Naphthalene	8.03	128	1187163	32.218	ng	100
32) Benzoic acid	7.77	122	210413	26.326	ng	98
33) 4-Chloroaniline	8.07	127	87215	5.545	ng	98
34) Hexachlorobutadiene	8.14	225	185302	33.440	ng	97
35) Caprolactam	8.45	113	116044m	33.774	ng	
36) 4-Chloro-3-methylphenol	8.56	107	366809	33.482	ng	100
37) 2-Methylnaphthalene	8.72	142	808947	33.348	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	319318	36.532	ng	99
40) Hexachlorocyclopentadiene	8.87	237	142264	29.761	ng	96

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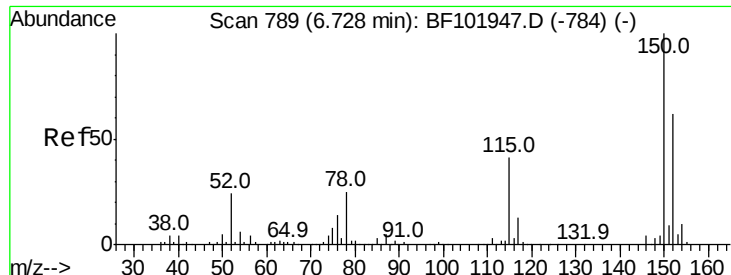
Manual Integrations
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 1/16/2018 5:01:27 PM

Quant Time: Jan 16 01:11:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	228080	37.866	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	226311	33.243	nq	98
45) 1,1'-Biphenyl	9.18	154	919725	33.679	nq	99
46) 2-Chloronaphthalene	9.20	162	700181	33.064	nq	99
47) 2-Nitroaniline	9.30	65	219461	34.596	nq	99
48) Acenaphthylene	9.62	152	1046308	31.133	nq	99
49) Dimethylphthalate	9.49	163	819143	33.050	nq	99
50) 2,6-Dinitrotoluene	9.55	165	179572	36.271	nq	100
51) Acenaphthene	9.79	154	616009	30.199	nq	98
52) 3-Nitroaniline	9.71	138	101676	16.273	nq	97
53) 2,4-Dinitrophenol	9.82	184	61719	37.748	nq	# 21
54) Dibenzofuran	9.96	168	913427	32.628	nq	99
55) 4-Nitrophenol	9.88	139	278948	59.906	nq	92
56) 2,4-Dinitrotoluene	9.95	165	224121	36.118	nq	95
57) Fluorene	10.30	166	670103	34.625	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	167306	34.520	nq	98
59) Diethylphthalate	10.19	149	794132	32.210	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	300523	36.468	nq	99
61) 4-Nitroaniline	10.33	138	159314	26.867	nq	90
62) Azobenzene	10.46	77	714169	29.115	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	51126	23.413	nq	92
65) n-Nitrosodiphenylamine	10.42	169	624035	35.627	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	185408	37.534	nq	94
67) Hexachlorobenzene	10.84	284	182216	33.789	nq	98
68) Atrazine	10.94	200	191469	37.825	nq	99
69) Pentachlorophenol	11.04	266	180452	54.875	nq	99
70) Phenanthrene	11.26	178	886583	32.448	nq	99
71) Anthracene	11.32	178	901423	32.529	nq	99
72) Carbazole	11.47	167	804115	29.522	nq	99
73) Di-n-butylphthalate	11.80	149	1124933	33.664	nq	99
74) Fluoranthene	12.44	202	768040	28.570	nq	98
76) Benzidine	12.57	184	167643	12.259	nq	97
77) Pyrene	12.67	202	747895	29.877	nq	99
79) Butylbenzylphthalate	13.30	149	365782	31.840	nq	94
80) Benzo(a)anthracene	13.86	228	579468	32.071	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	180105	26.921	nq	99
82) Chrysene	13.89	228	587445	31.180	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	450641	34.195	nq	99
84) Di-n-octyl phthalate	14.47	149	797963	36.489	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	533990	38.941	nq	99
87) Benzo(b)fluoranthene	14.88	252	595635	31.657	nq	99
88) Benzo(k)fluoranthene	14.91	252	577690	31.828	nq	98
89) Benzo(a)pyrene	15.23	252	564068	33.315	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	450229	33.322	nq	99
91) Benzo(g,h,i)perylene	17.07	276	425386	31.254	nq	96

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



#1

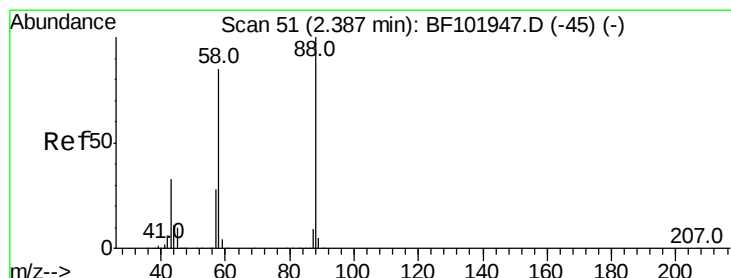
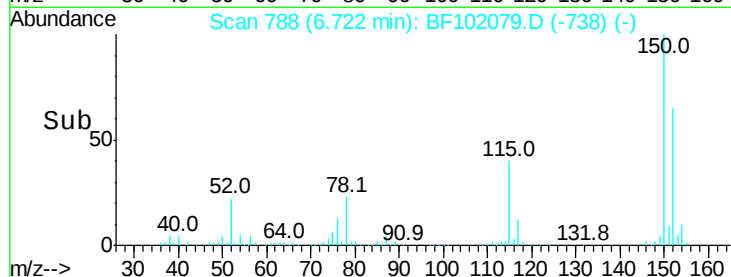
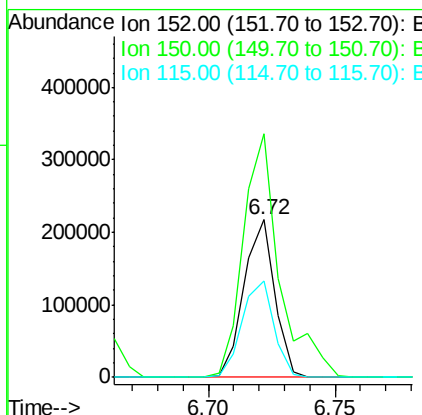
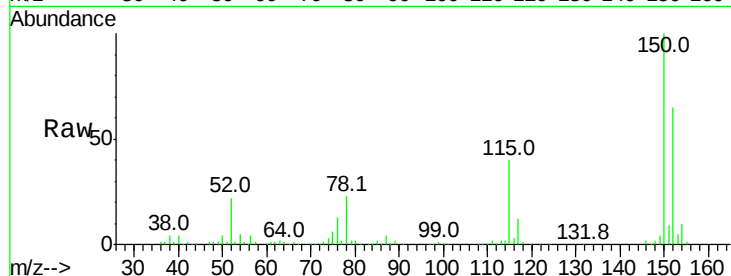
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	61.3	50.1	75.1

Manual Integrations
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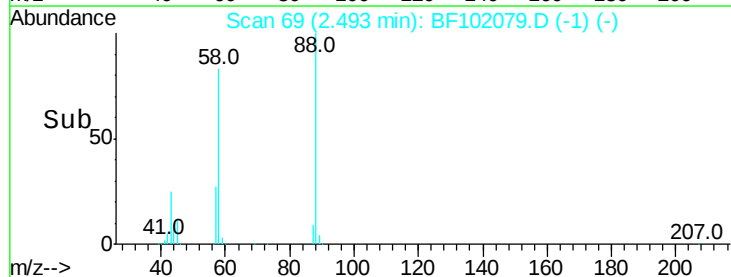
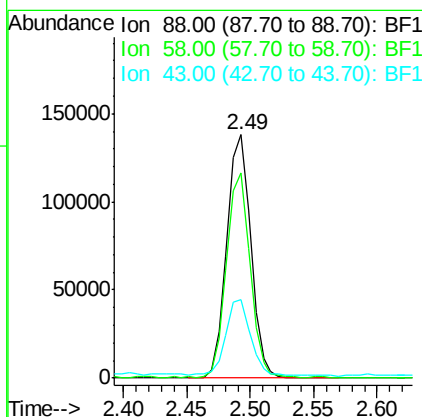
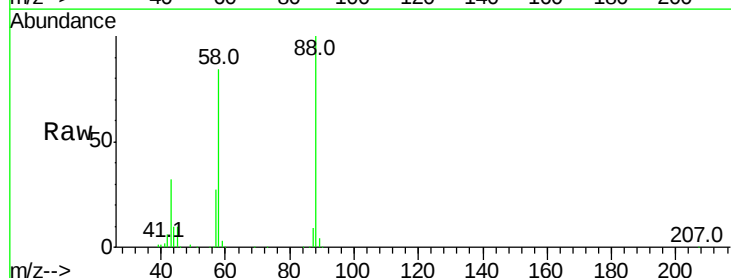
Sohil
1/16/2018 5:01:27 PM

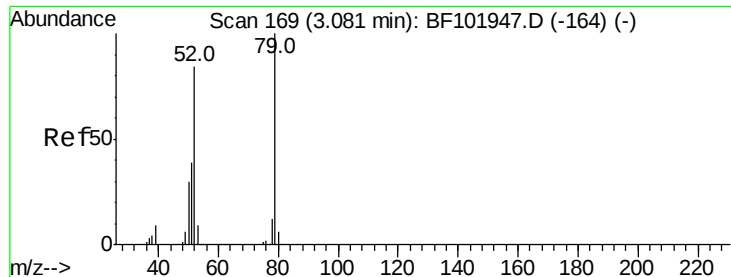


#2

1,4-Dioxane
Concen: 27.848 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.10 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	62.6	93.8
43	31.5	24.6	37.0





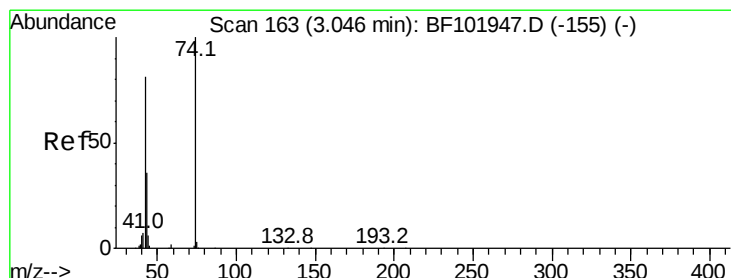
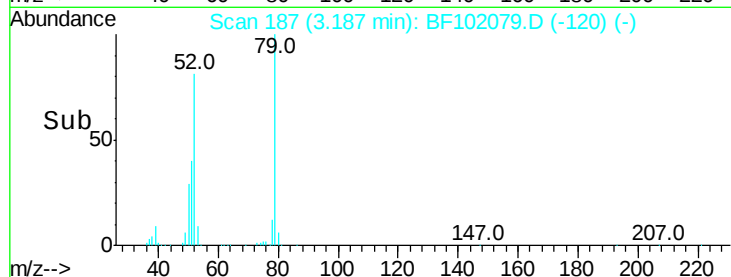
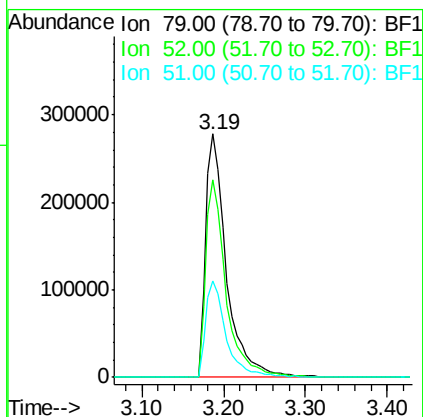
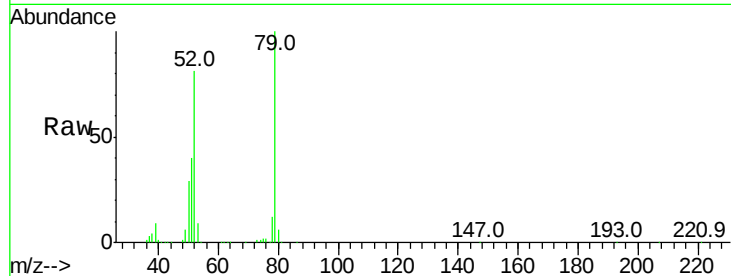
#3
 Pvridine
 Concen: 27.652 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.09 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.2	59.8	89.6
51	39.8	29.8	44.8

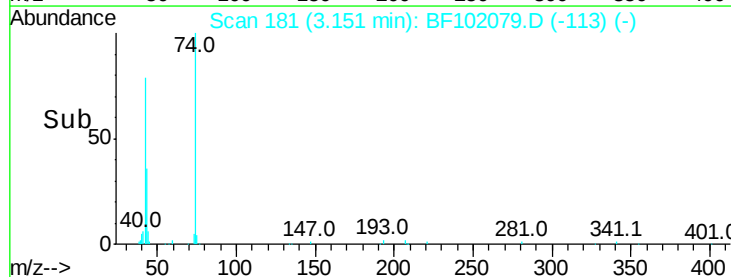
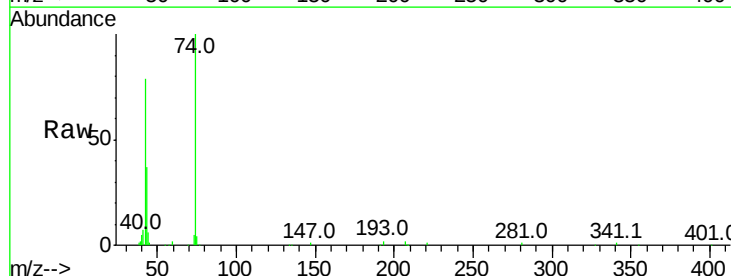
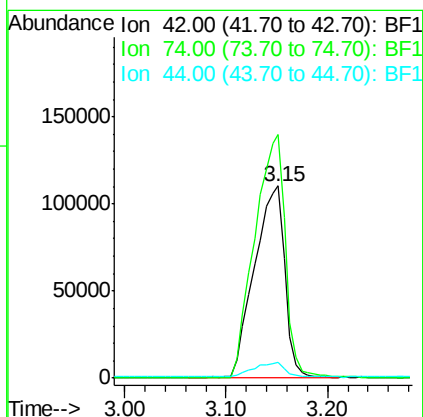
Manual Integrations
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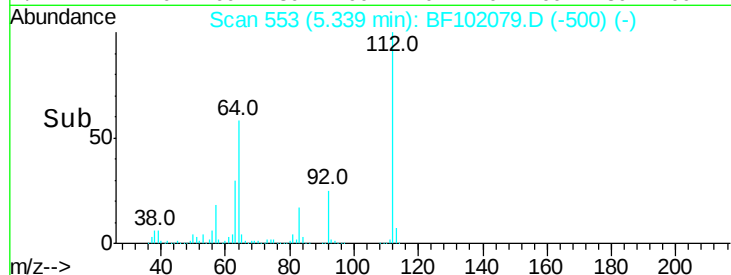
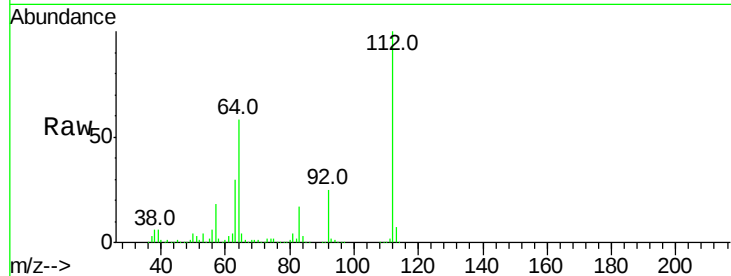
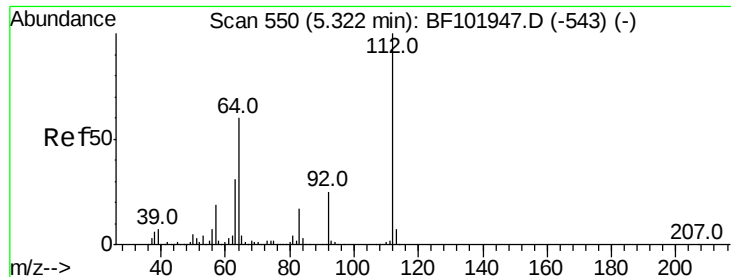
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 1/16/2018 5:01:27 PM



#4
 n-Nitrosodimethylamine
 Concen: 31.262 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.10 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	104.9	157.3
44	8.0	6.9	10.3





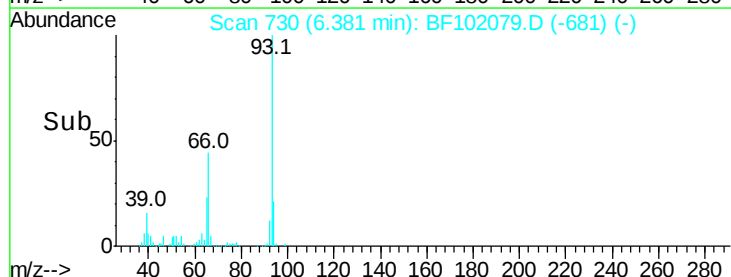
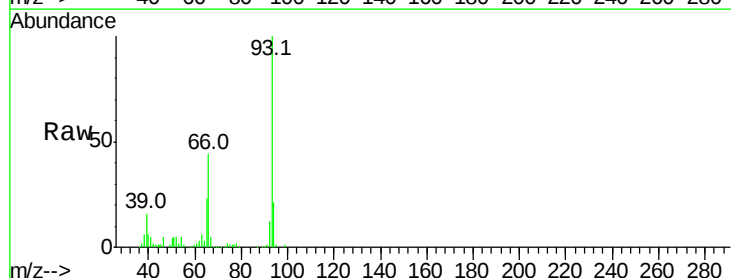
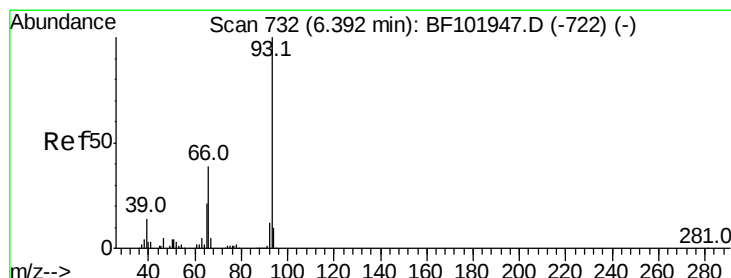
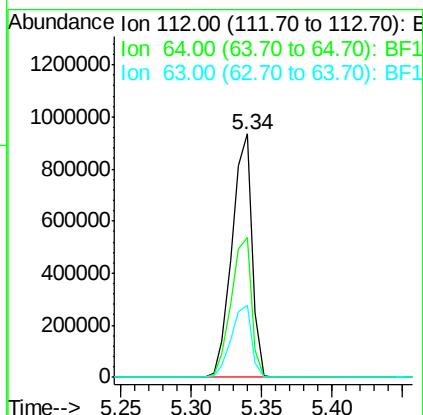
#5
2-Fluorophenol
Concen: 70.449 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.6	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

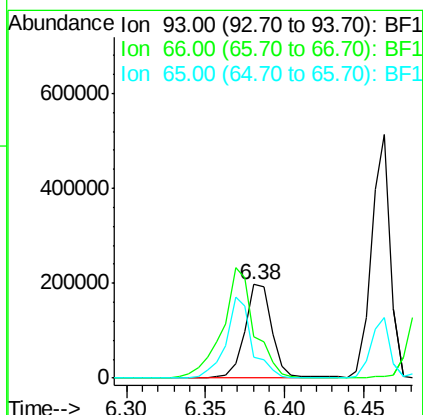
Manual Integrations
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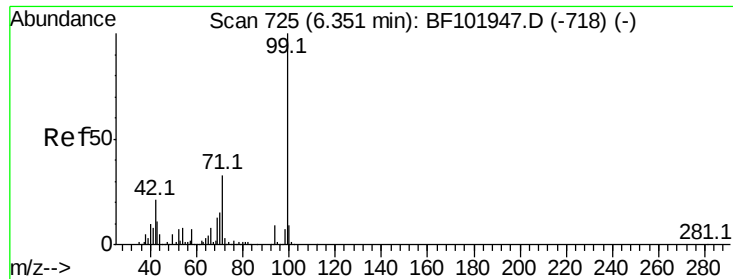
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1/16/2018 5:01:27 PM



#6
Aniline
Concen: 10.712 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.9	32.2	48.2
65	22.9	16.4	24.6





#7

Phenol-d6

Concen: 70.155 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

PB105648BSD

Tot Ion: 99 Resp: 1094306

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

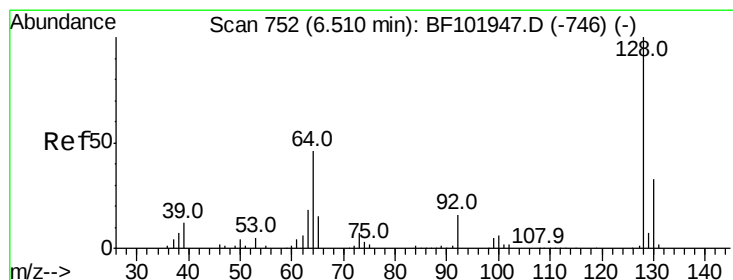
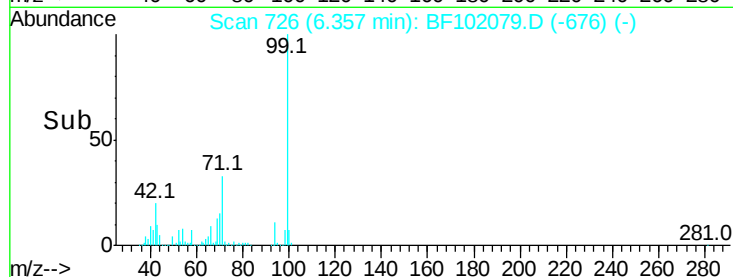
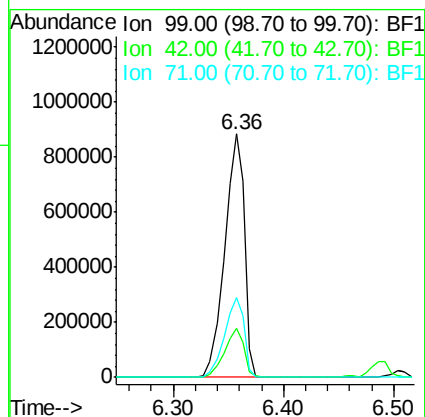
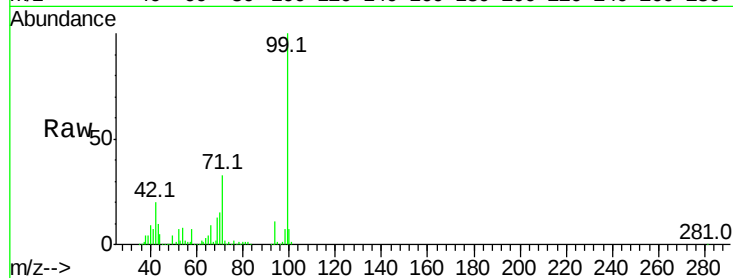
71 33.0 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.855 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

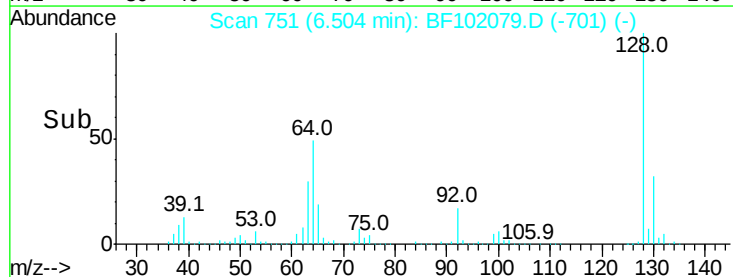
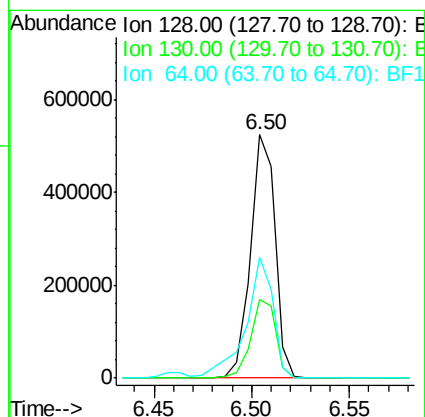
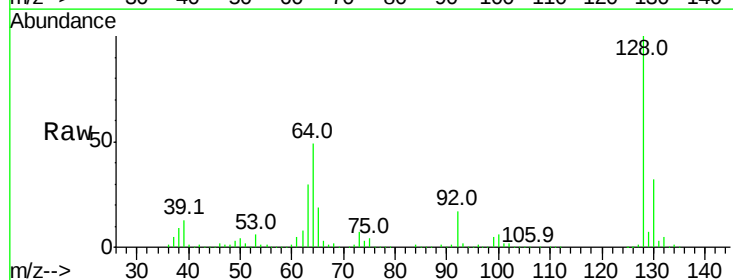
Tgt Ion: 128 Resp: 457023

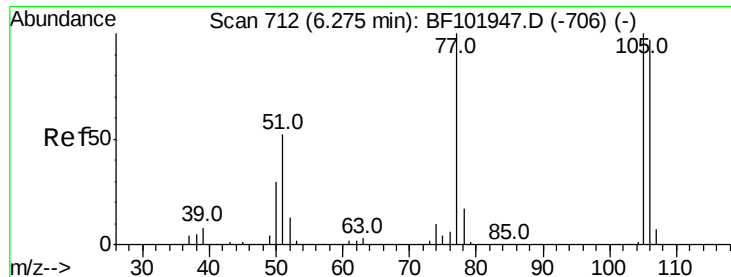
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 49.5 29.4 69.4





#9

Benzaldehyde

Concen: 6.725 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

PB105648BSD

Tot Ion: 77 Resp: 72836

Ion Ratio Lower Upper

77 100

105 106.6 81.1 121.1

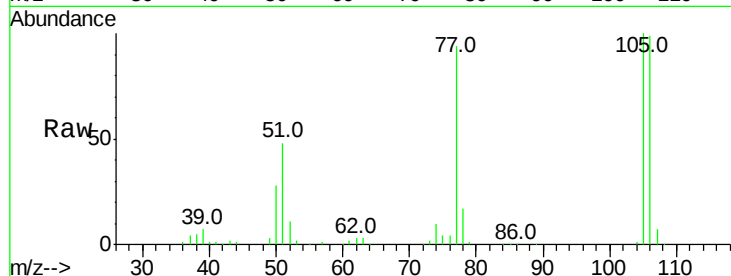
106 105.2 74.5 114.5

Manual Integrations

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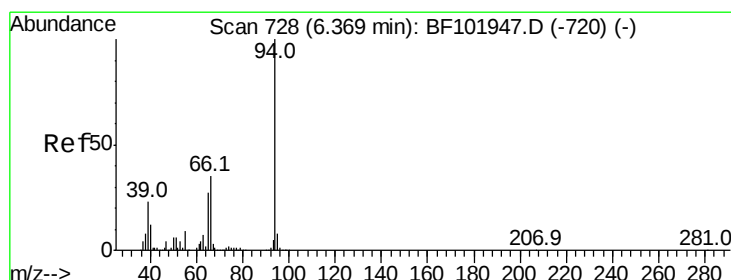
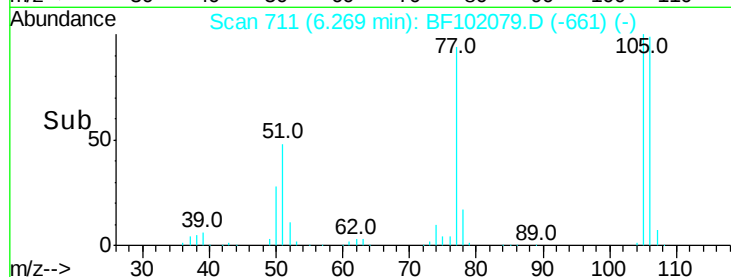
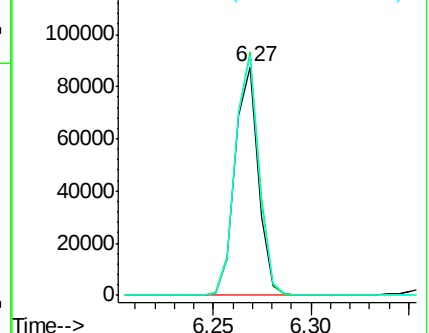
1/16/2018 5:01:27 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.808 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

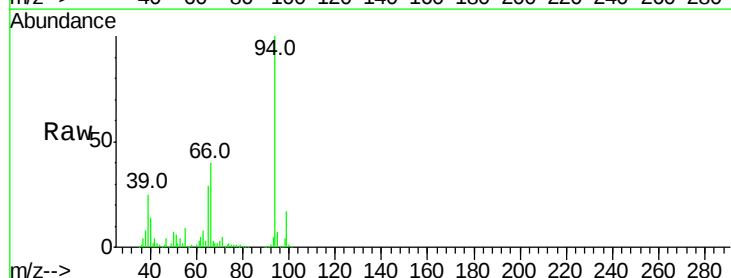
Tgt Ion: 94 Resp: 543078

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

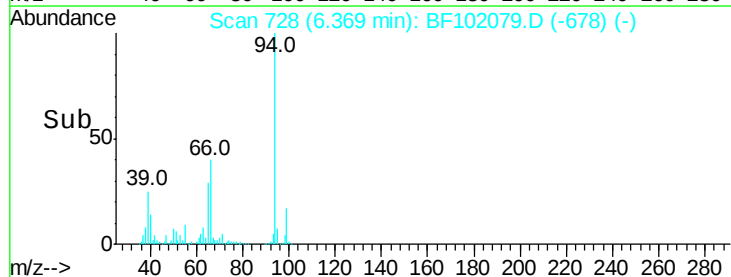
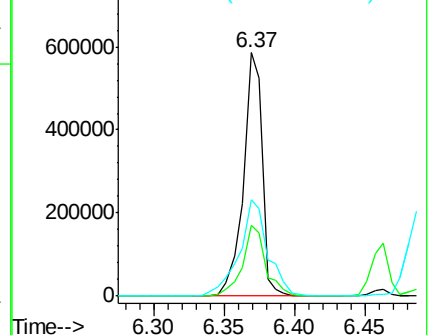
66 39.8 16.2 56.2

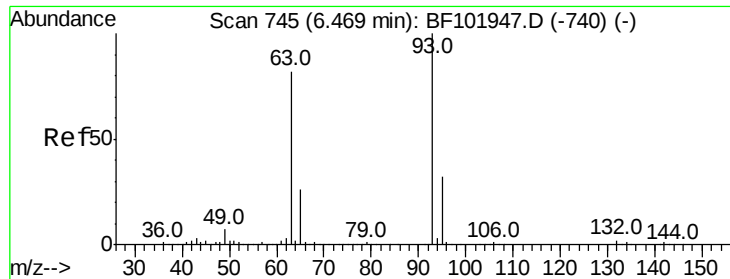


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





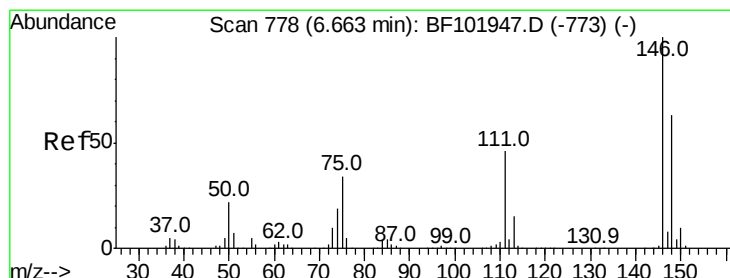
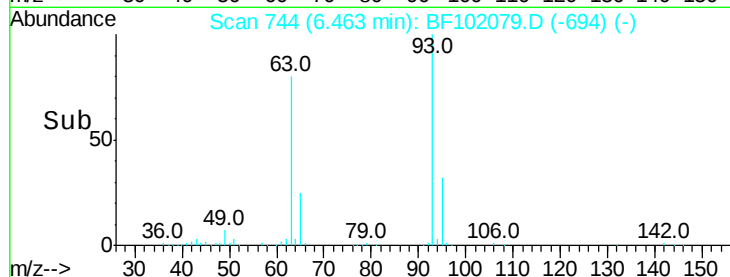
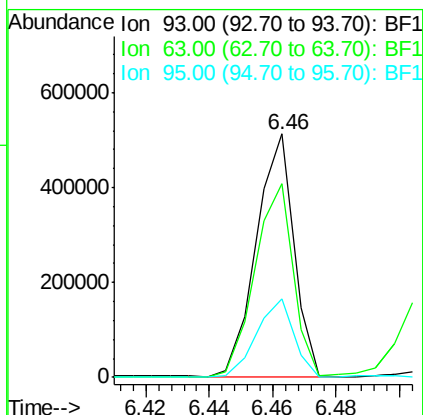
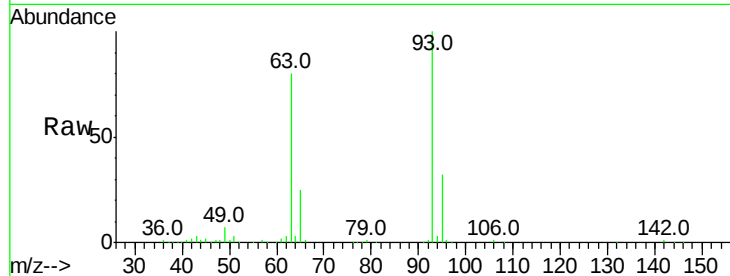
#11
bis(2-Chloroethyl)ether
Concen: 31.540 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	58.6	98.6
95	32.1	11.8	51.8

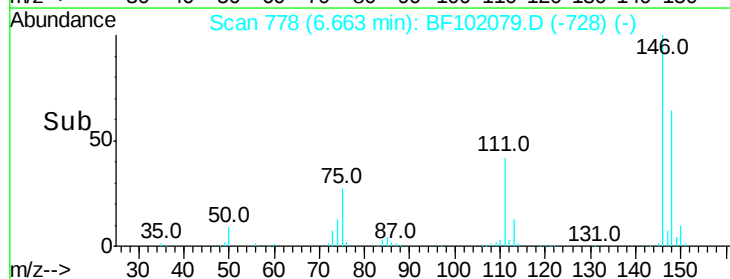
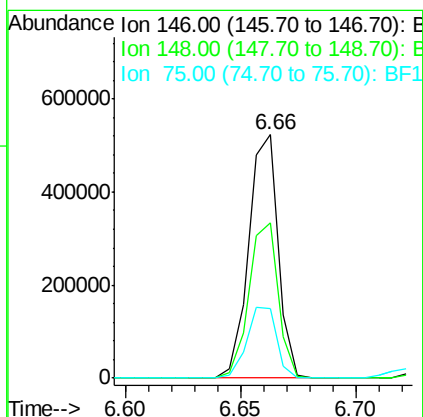
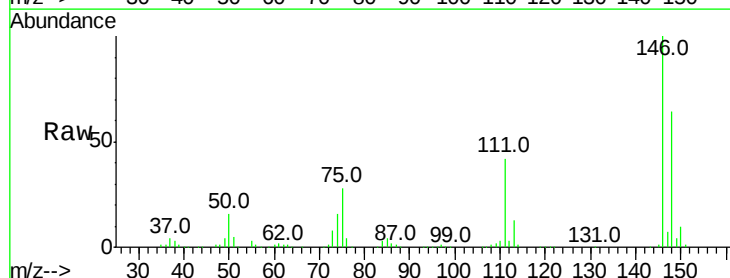
Manual Integrations
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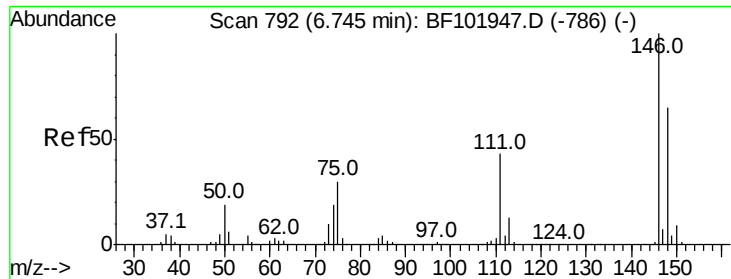
Sohil
1/16/2018 5:01:27 PM



#12
1,3-Dichlorobenzene
Concen: 30.887 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.252 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

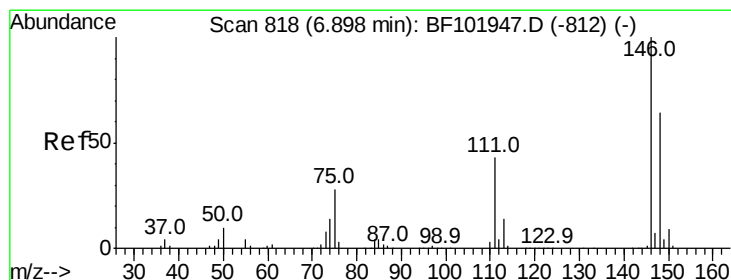
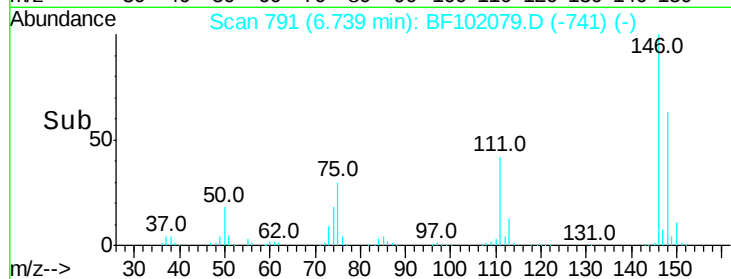
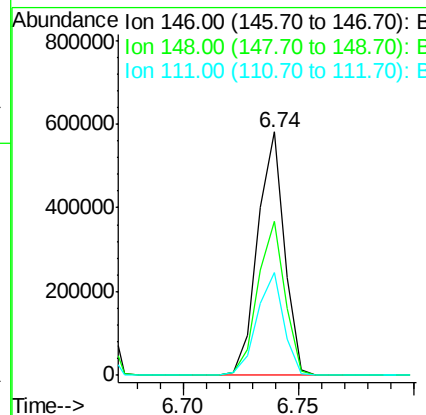
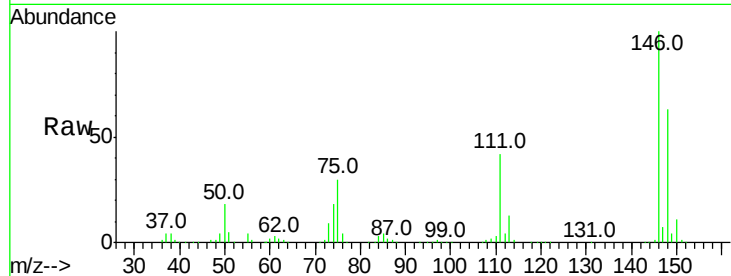
ClientSampleId :

PB105648BSD

Tot Ion:	146	Resp:	471371
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
111	42.0	34.2	51.2

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1/16/2018 5:01:27 PM



#14

1,2-Dichlorobenzene

Concen: 31.161 ng

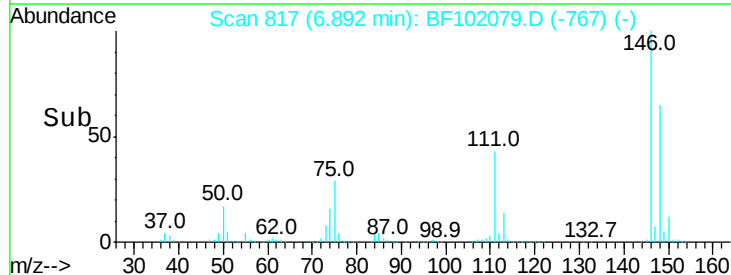
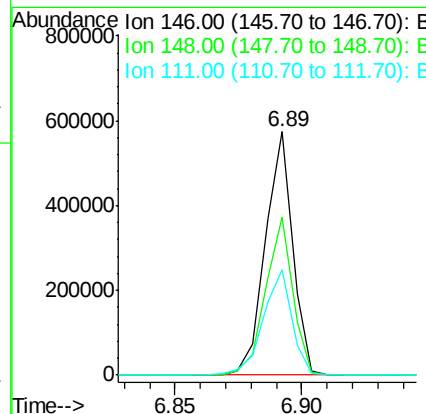
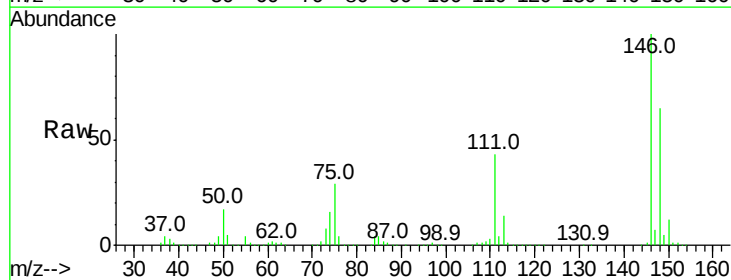
RT: 6.89 min Scan# 817

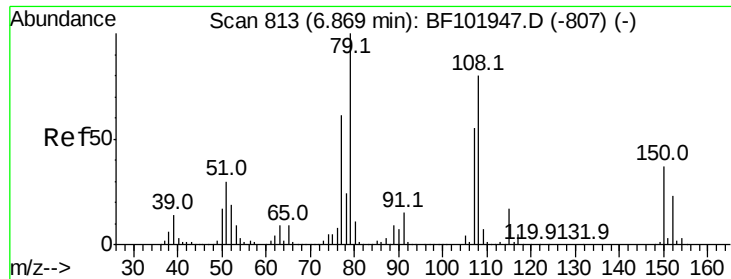
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion:	146	Resp:	435019
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	75.8
111	43.4	36.0	54.0





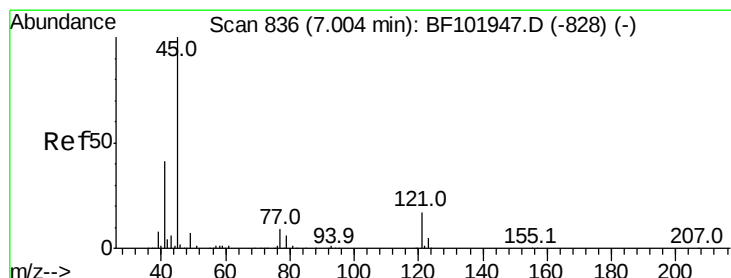
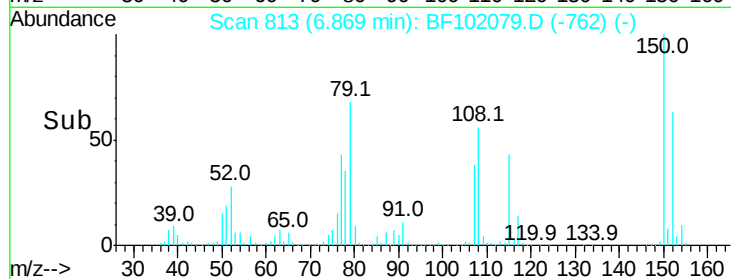
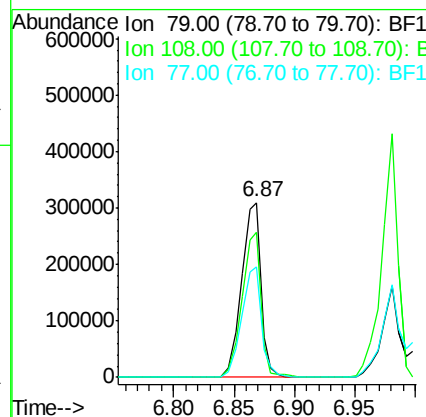
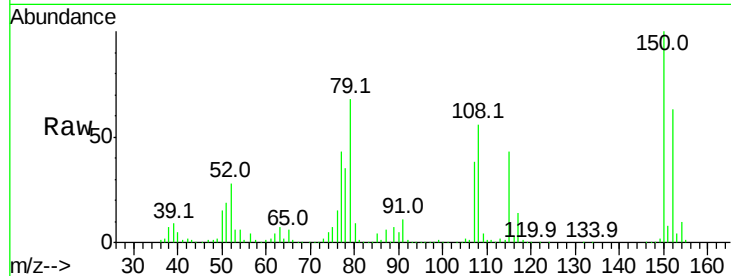
#15
Benzyl Alcohol
Concen: 30.669 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion:	79	Resp:	349929
Ion Ratio	Lower	Upper	
79	100		
108	82.7	65.1	97.7
77	63.0	50.6	75.8

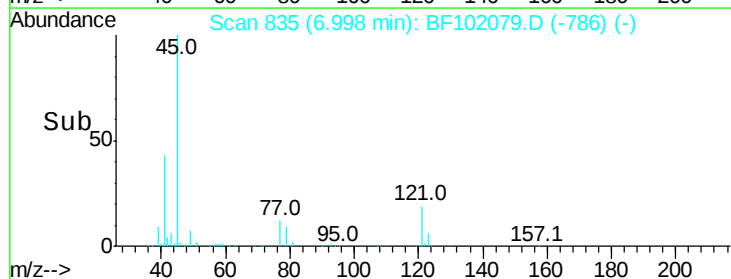
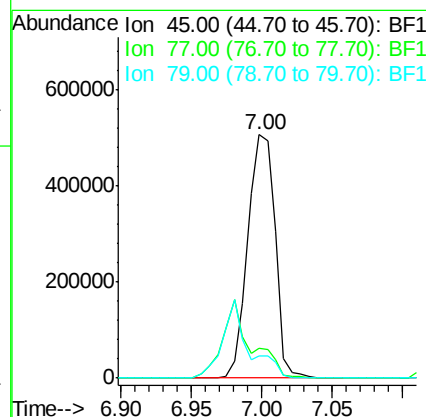
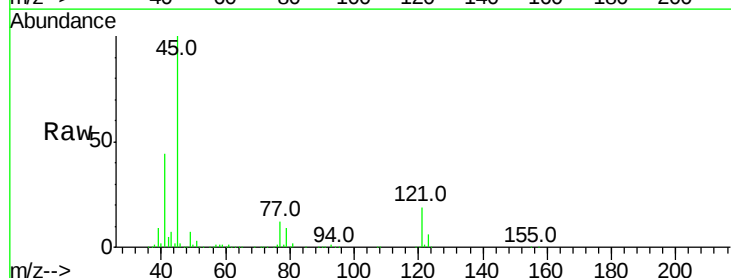
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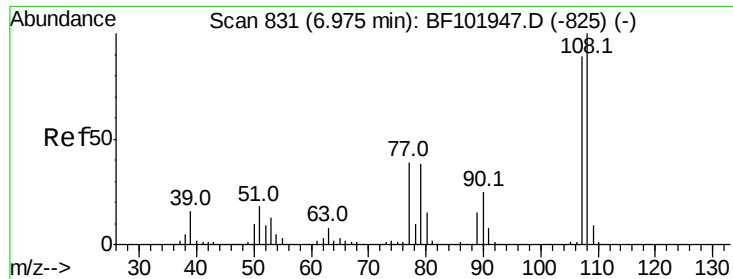
Sohil
1/16/2018 5:01:27 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.818 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion:	45	Resp:	688036
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	9.2	0.0	29.6





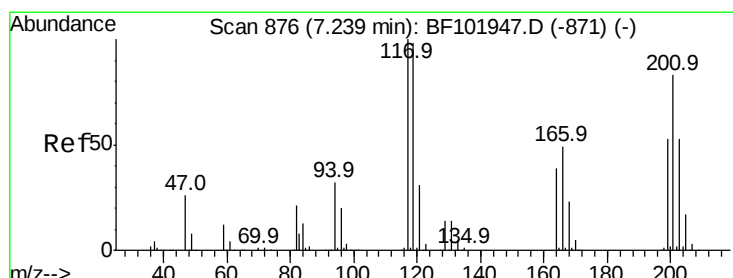
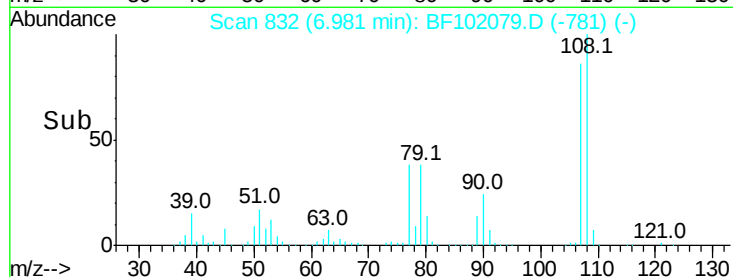
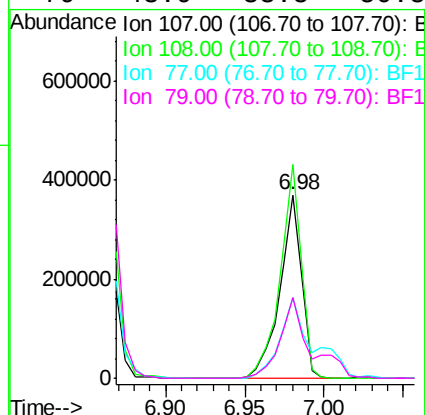
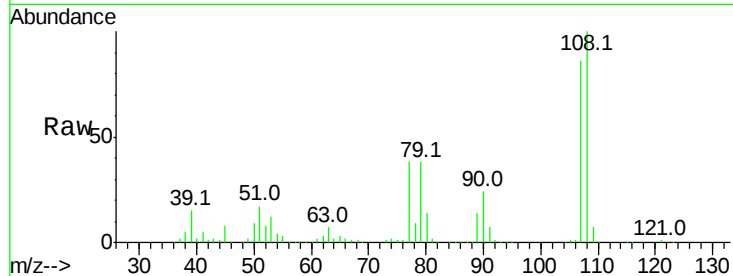
#17
2-Methylphenol
Concen: 29.683 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	107	Resp	351108
Ion Ratio	Lower	Upper	
107	100		
108	116.3	91.7	137.5
77	44.0	33.8	50.8
79	43.9	33.8	50.8

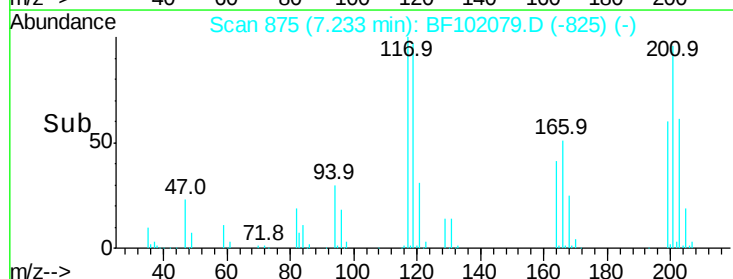
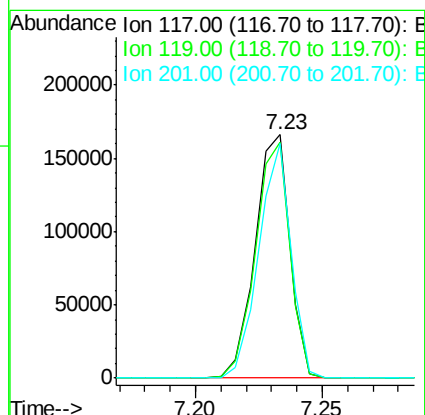
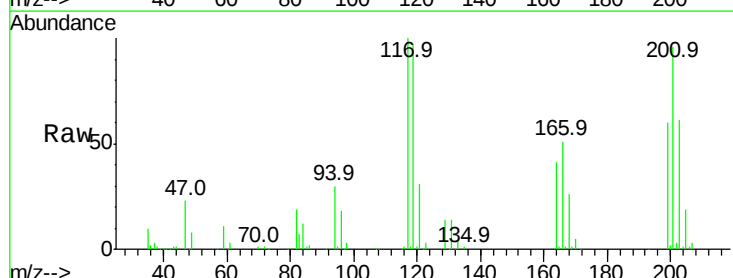
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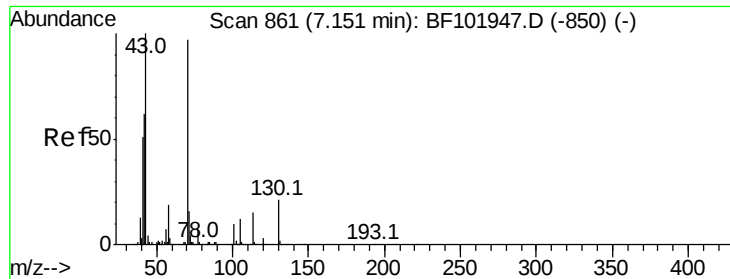
Sohil
1/16/2018 5:01:27 PM



#18
Hexachloroethane
Concen: 29.852 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	117	Resp	158555
Ion Ratio	Lower	Upper	
117	100		
119	97.1	75.8	113.8
201	96.4	75.7	113.5





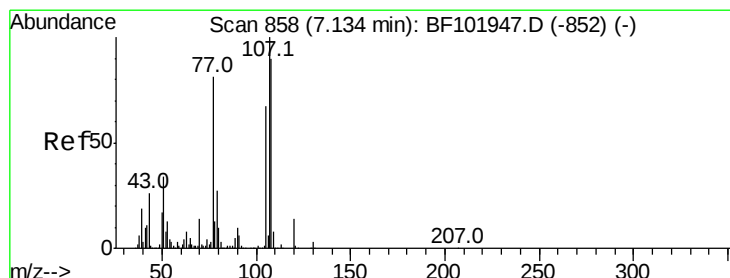
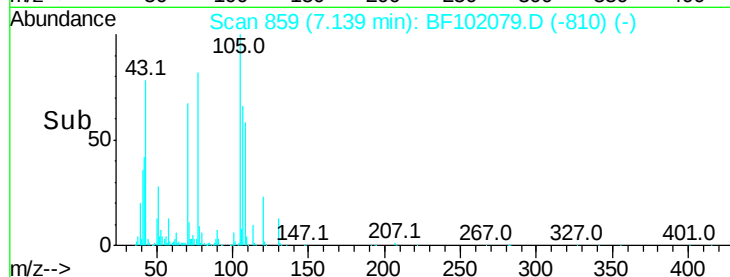
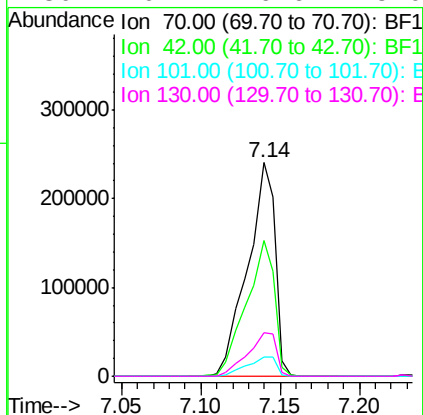
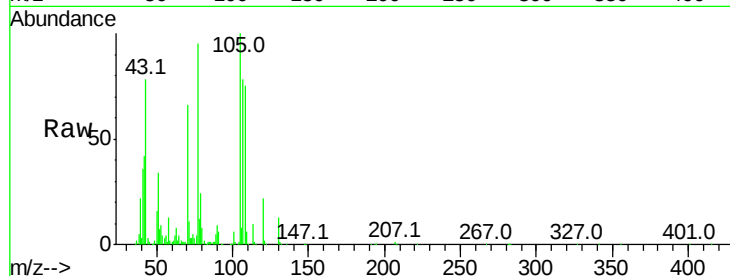
#19
n-Nitroso-di-n-propylamine
Concen: 28.348 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	47.5	71.3
101	9.2	7.4	11.2
130	20.2	16.6	25.0

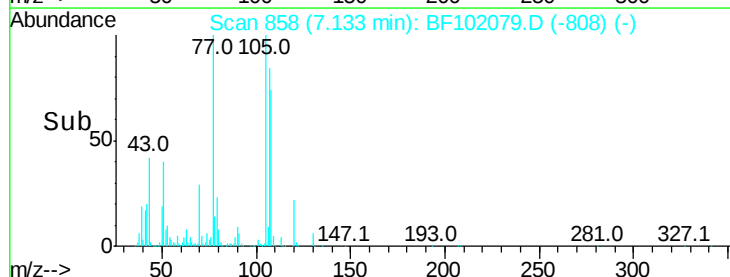
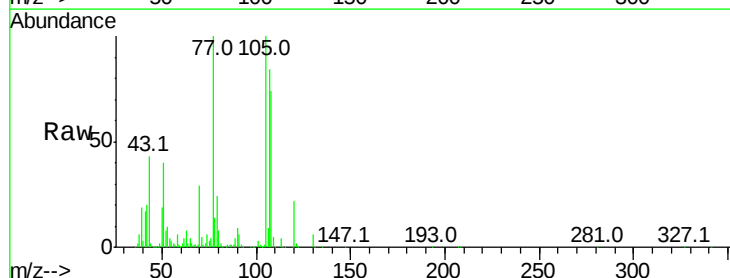
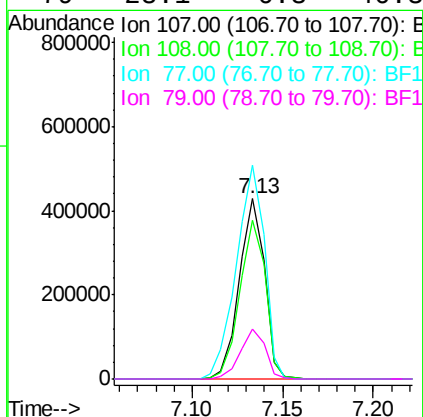
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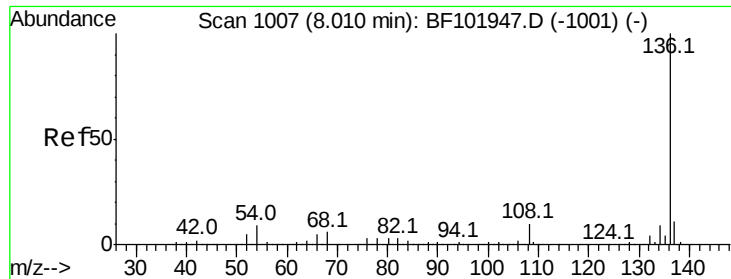
Sohil
1/16/2018 5:01:27 PM



#20
3+4-Methylphenols
Concen: 29.386 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	118.7	26.7	66.7#
79	28.1	6.3	46.3





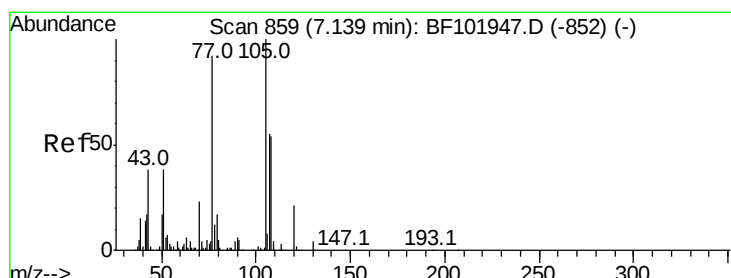
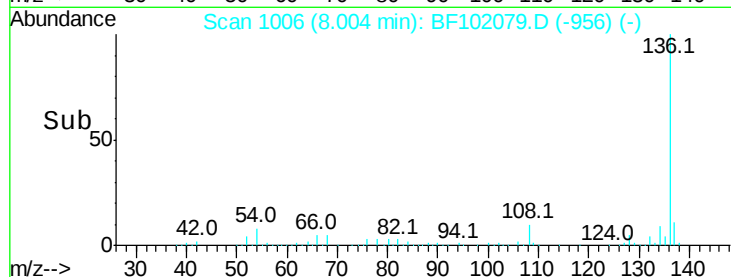
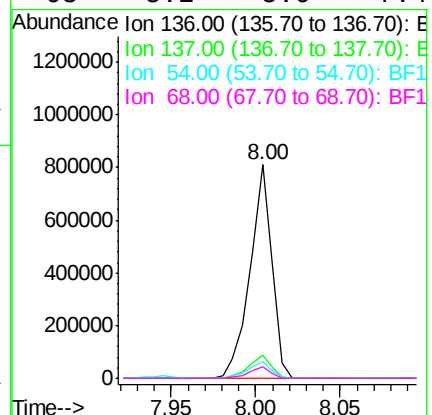
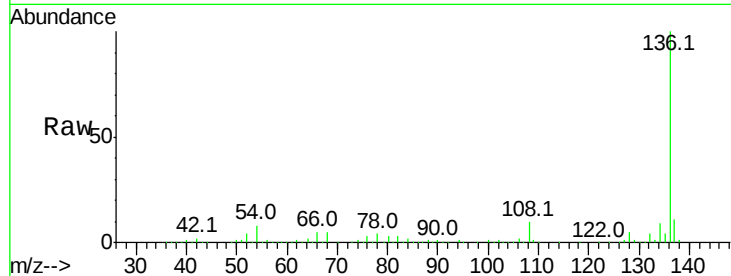
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.1	6.6	9.8	
68	5.2	5.0	7.4	

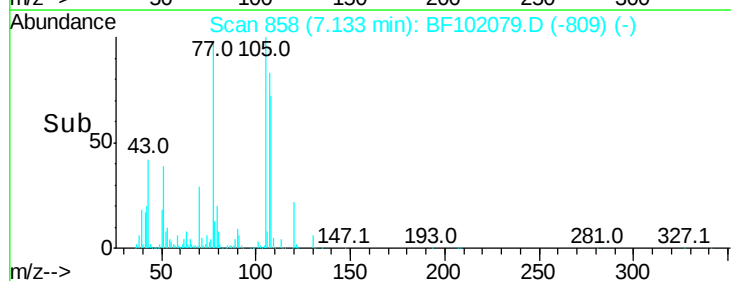
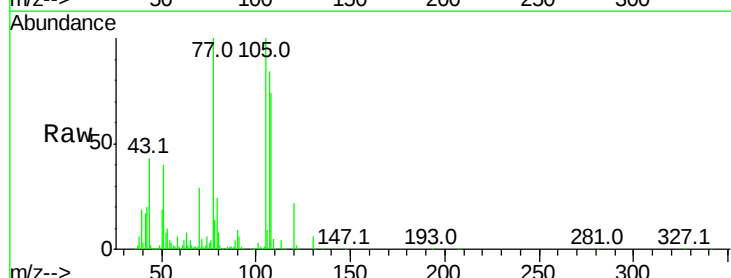
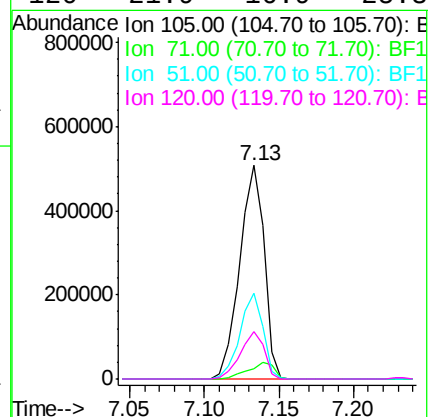
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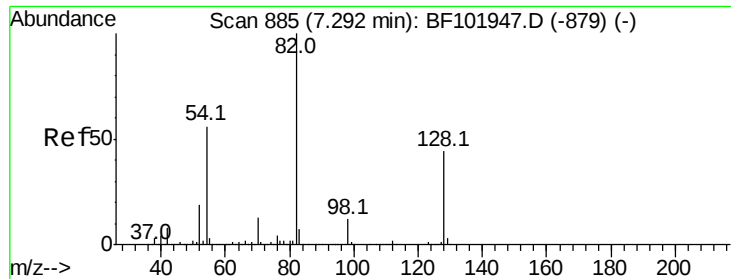
Sohil
1/16/2018 5:01:27 PM



#22
Acetophenone
Concen: 32.808 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	4.4	6.6	
51	40.2	22.3	33.5	
120	21.9	16.9	25.3	





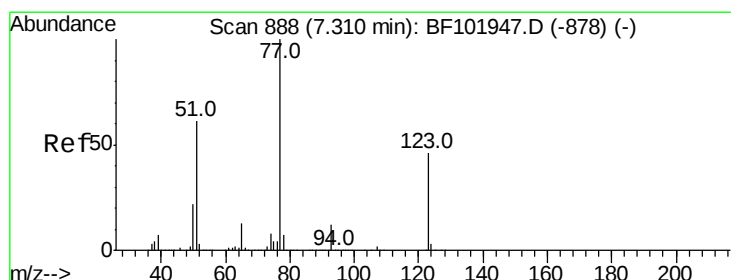
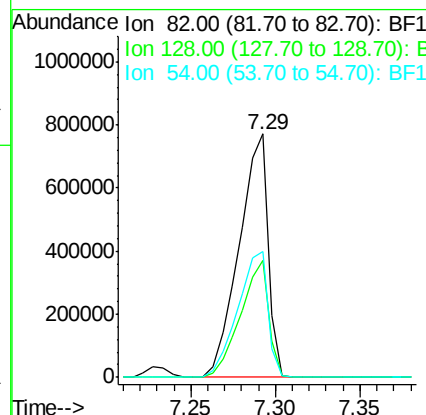
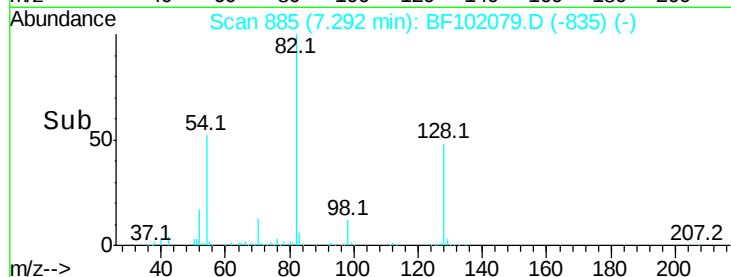
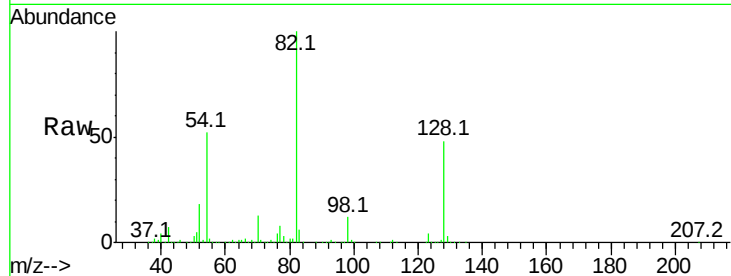
#23
Nitrobenzene-d5
Concen: 73.612 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	36.1	54.1	
54	51.9	41.4	62.2	

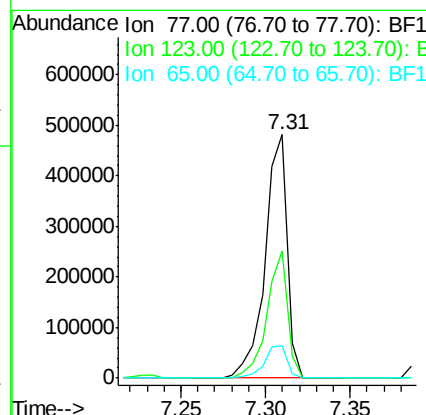
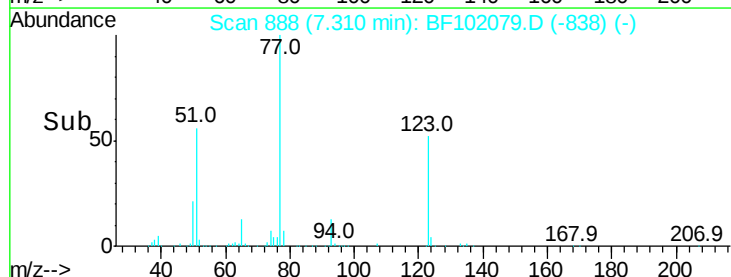
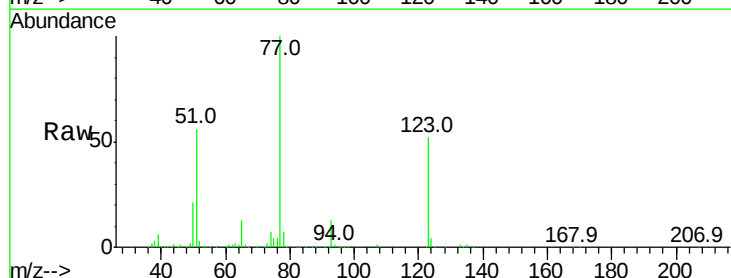
Manual Integrations
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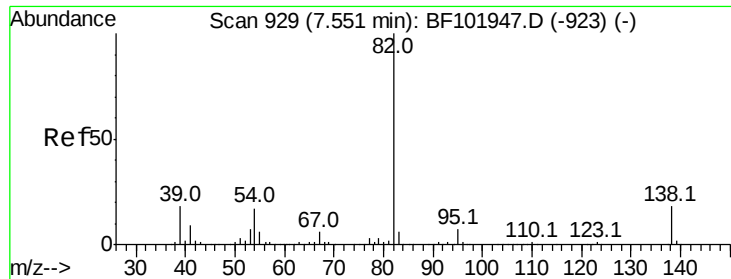
Sohil
1/16/2018 5:01:27 PM



#24
Nitrobenzene
Concen: 32.388 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.0	37.9	56.9	
65	13.2	11.0	16.4	





#25

Isophorone

Concen: 32.056 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

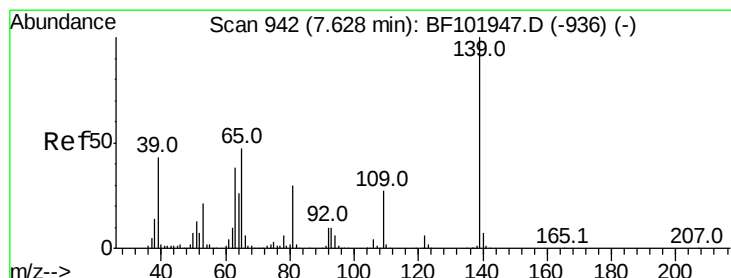
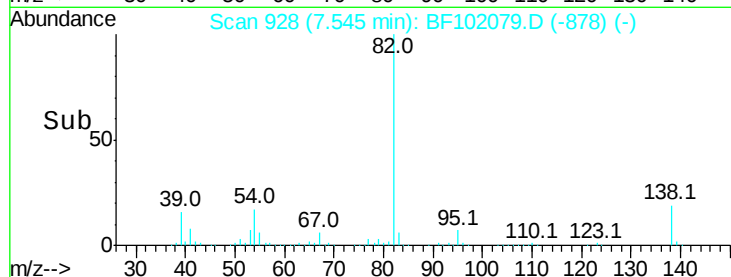
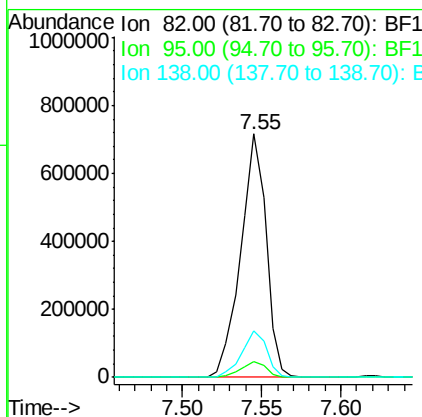
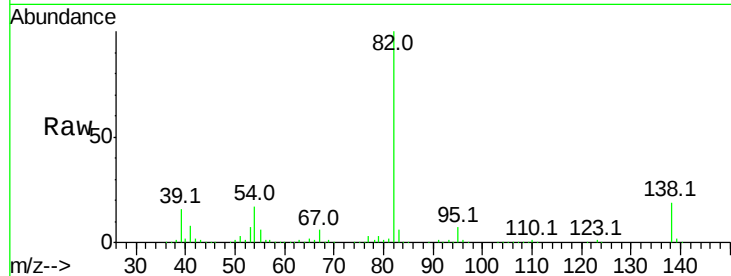
ClientSampleId :

PB105648BSD

Tot Ion:	82	Resp:	794851
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	19.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 40.967 ng

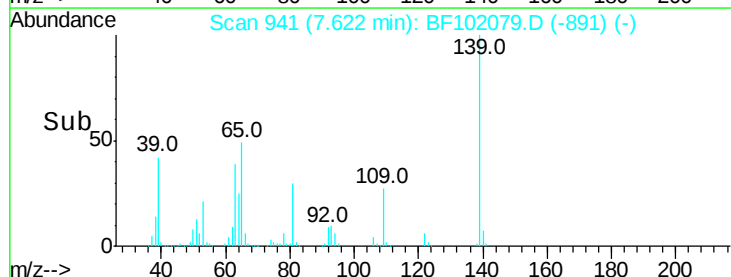
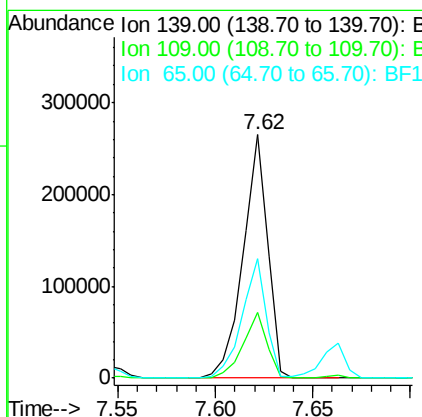
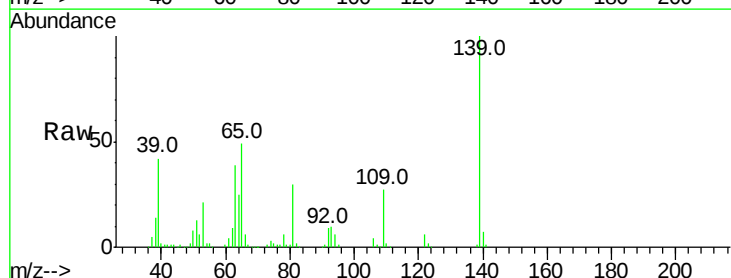
RT: 7.62 min Scan# 941

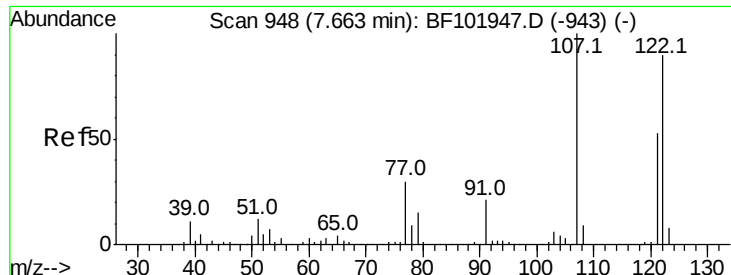
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion:	139	Resp:	231214
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	48.9	40.5	60.7





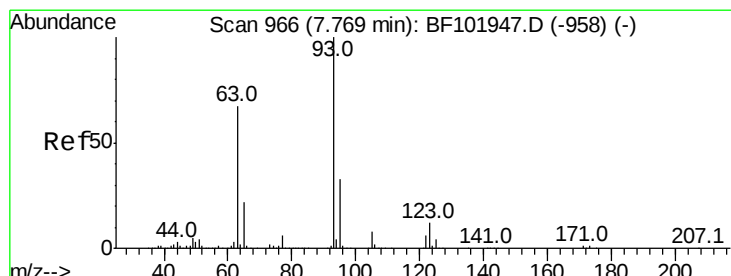
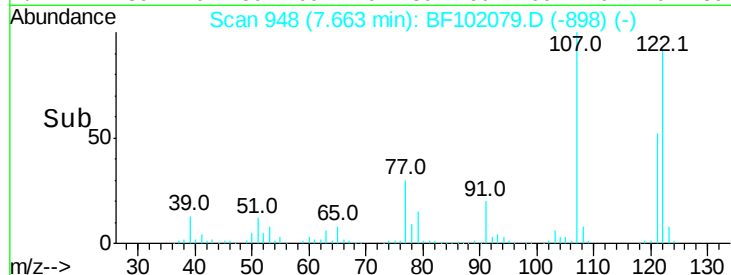
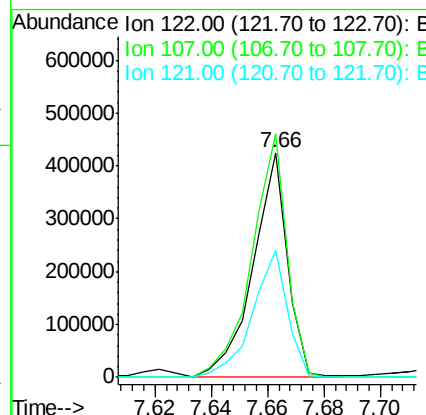
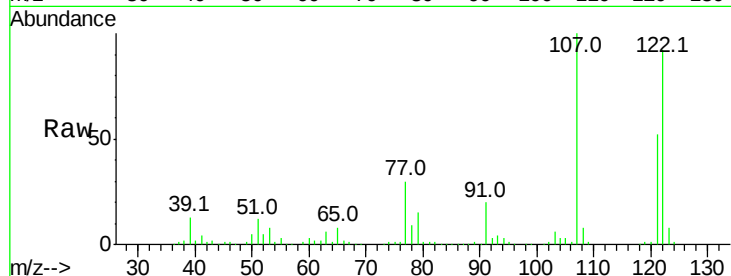
#27
 2,4-Dimethylphenol
 Concen: 34.297 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
361511	122	100			
	107	108.3	91.2	136.8	
	121	56.6	47.2	70.8	

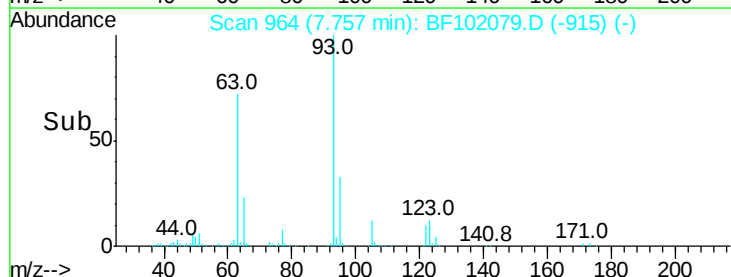
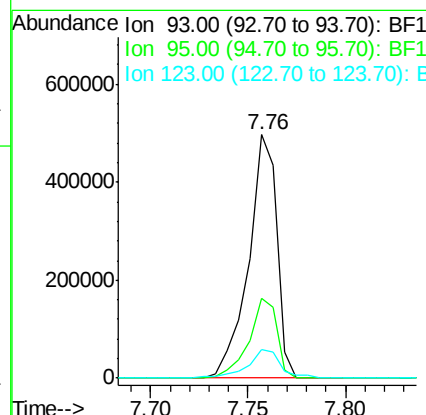
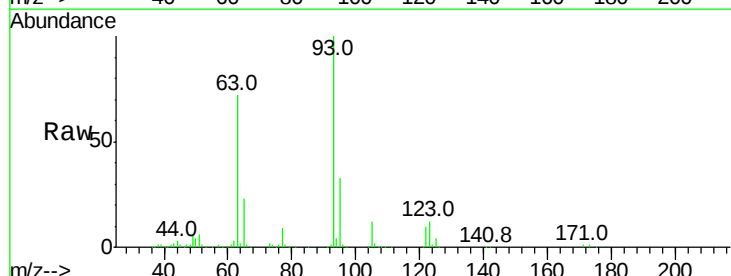
Manual Integrations
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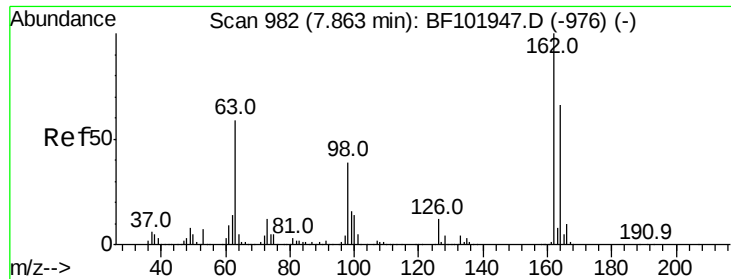
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.347 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
499261	93	100			
	95	32.8	26.3	39.5	
	123	11.8	9.8	14.6	





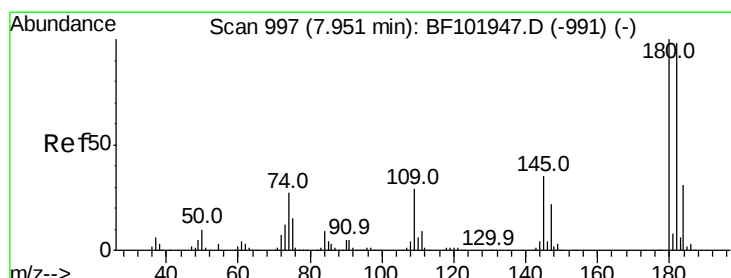
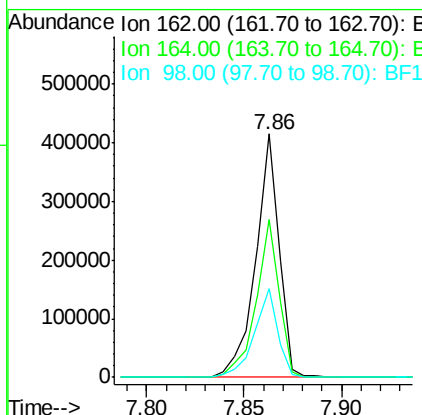
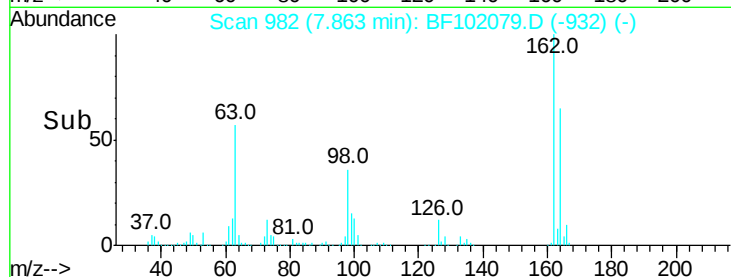
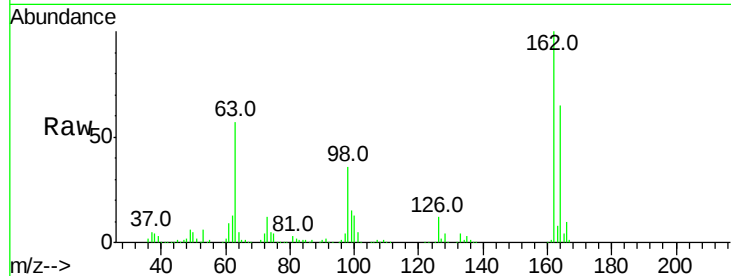
#29
 2,4-Dichlorophenol
 Concen: 34.593 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleID :
 PB105648BSD

Tot Ion:	162	Resp:	346222
Ion Ratio	Lower	Upper	
162	100		
164	64.9	42.7	82.7
98	36.4	18.1	58.1

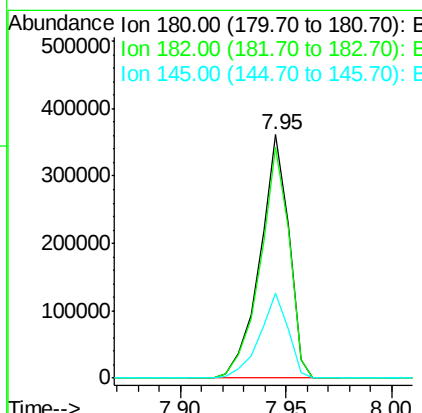
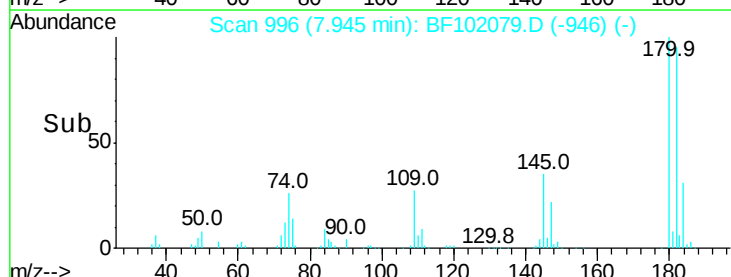
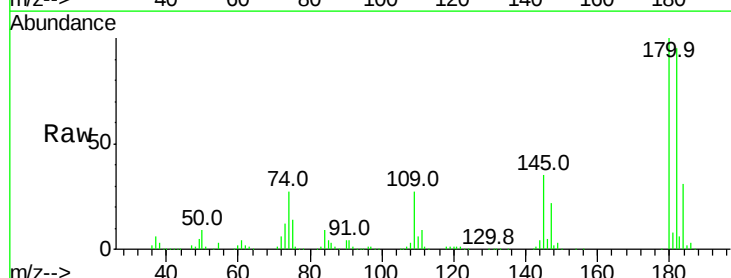
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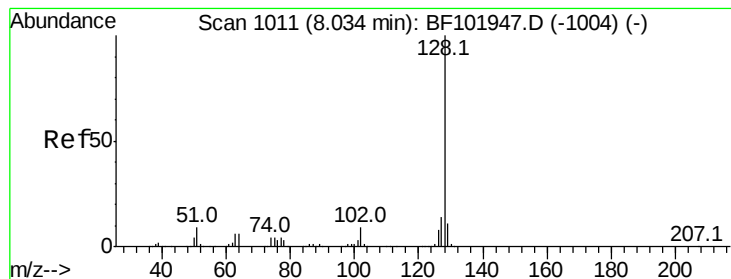
Sohil
 1/16/2018 5:01:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 32.889 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:	180	Resp:	344310
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.8	115.2
145	34.8	26.5	39.7





#31

Naphthalene

Concen: 32.218 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

PB105648BSD

Tot Ion:128 Resp: 1187163

Ion Ratio Lower Upper

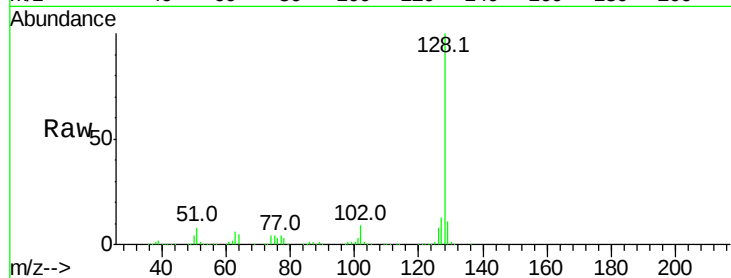
128 100

129 10.8 8.8 13.2

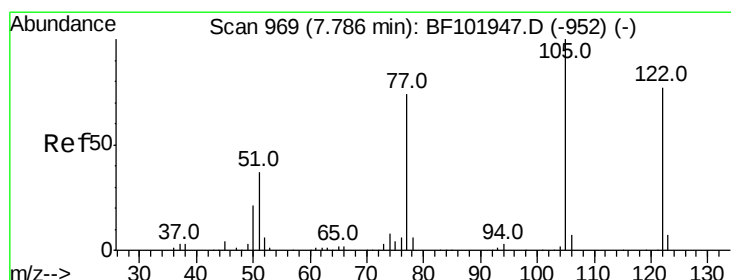
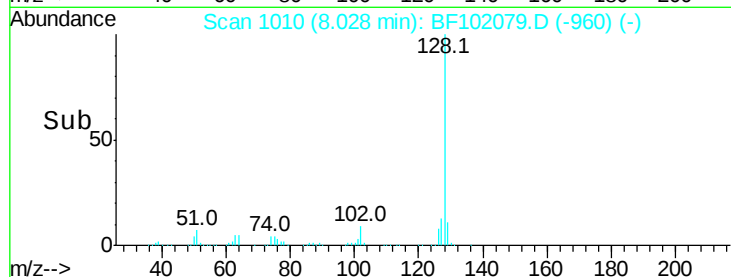
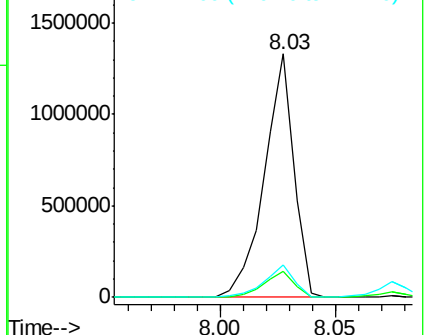
127 13.5 10.9 16.3

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



#32

Benzoic acid

Concen: 26.326 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

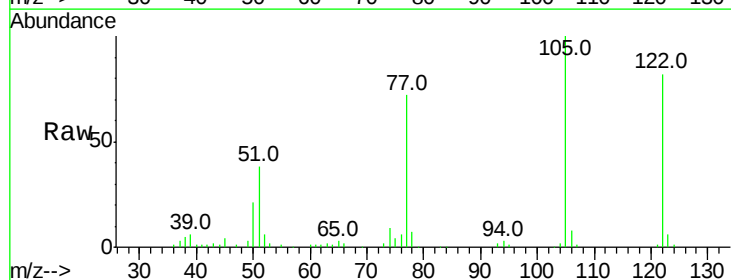
Tgt Ion:122 Resp: 210413

Ion Ratio Lower Upper

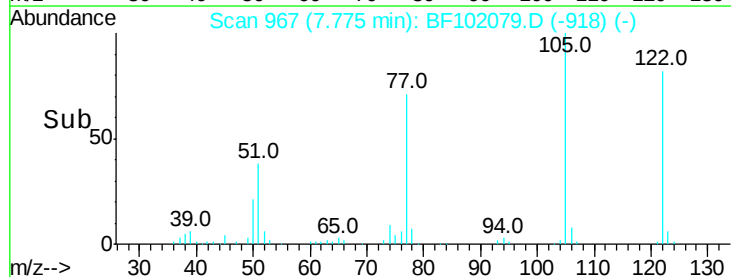
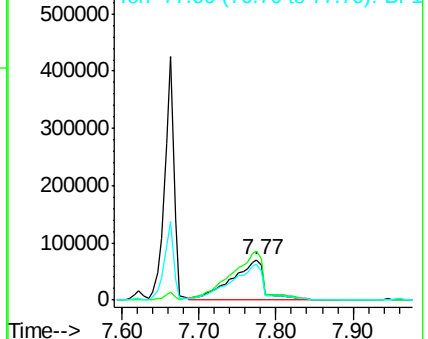
122 100

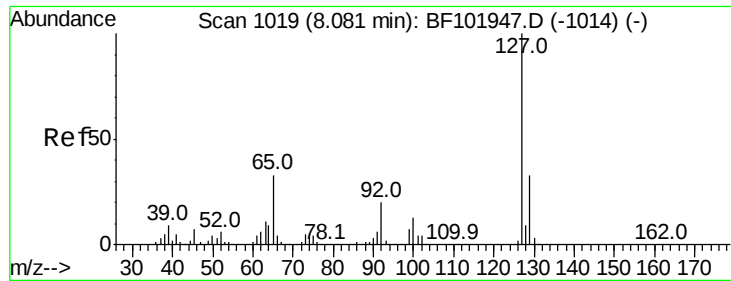
105 122.6 101.1 141.1

77 88.7 70.7 110.7



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





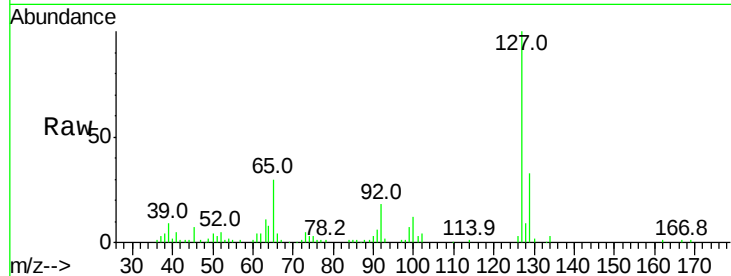
#33
4-Chloroaniline
Concen: 5.545 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampled :
PB105648BSD

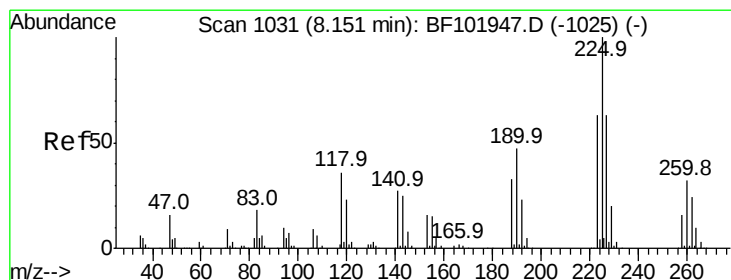
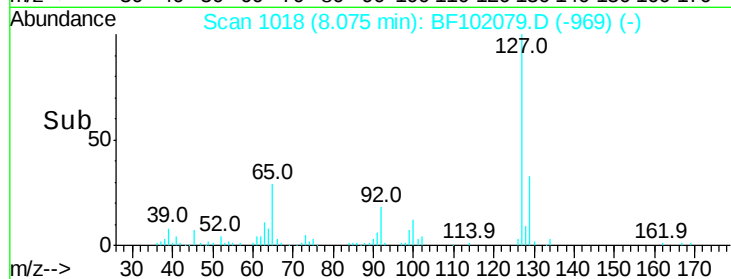
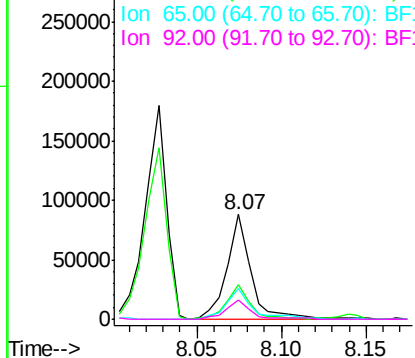
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.6	25.0	37.4
92	18.4	15.2	22.8

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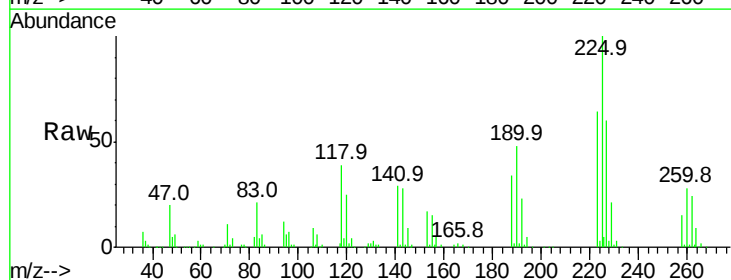


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

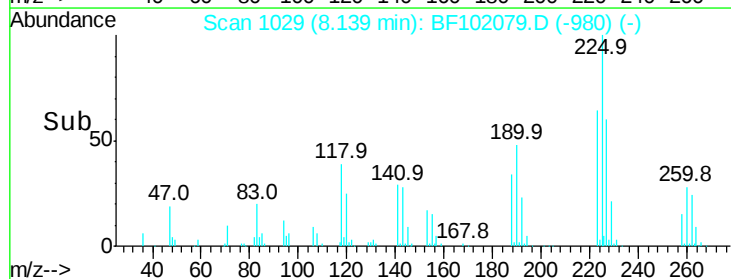
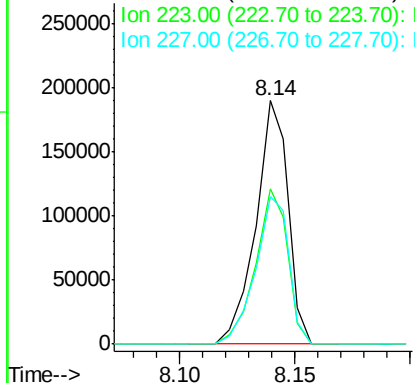


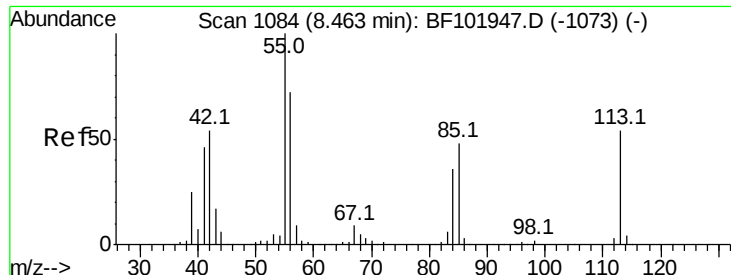
#34
Hexachlorobutadiene
Concen: 33.440 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	60.4	51.9	77.9



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





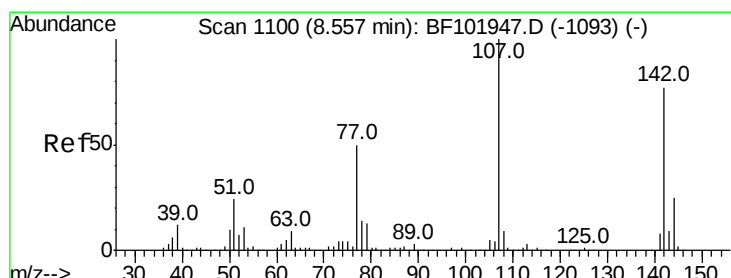
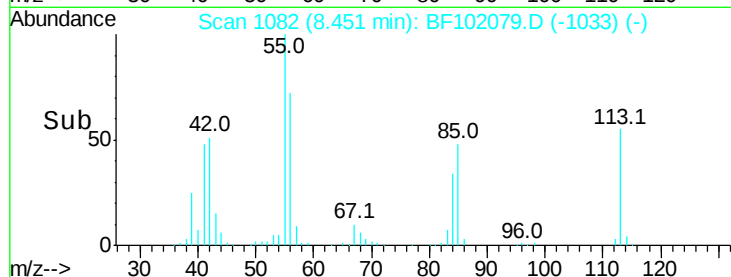
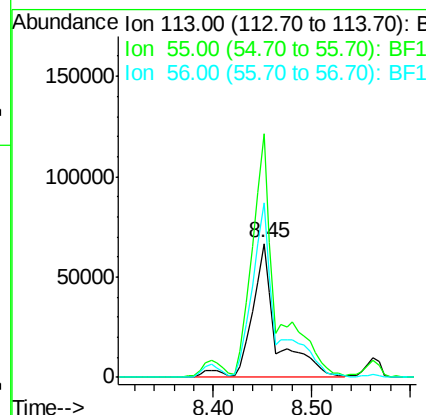
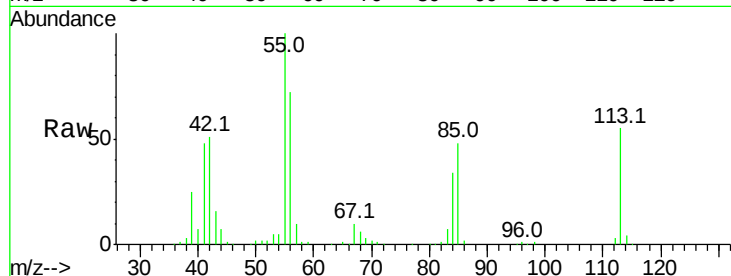
#35
 Caprolactam
 Concen: 33.774 ng/ml
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.7	163.3	203.3
56	130.0	115.7	155.7

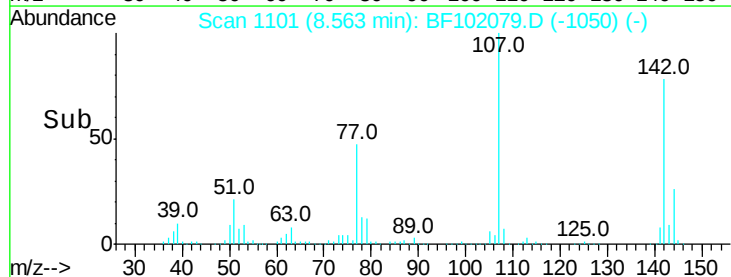
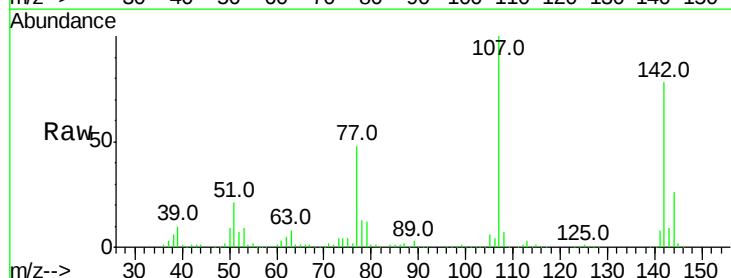
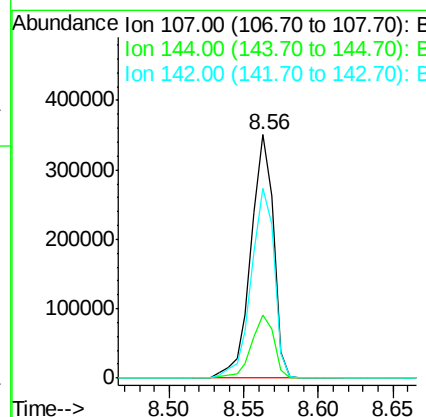
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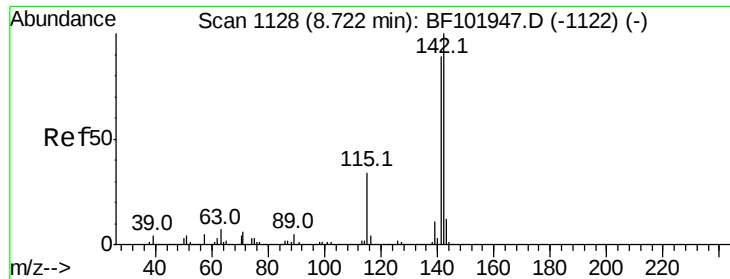
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#36
 4-Chloro-3-methylphenol
 Concen: 33.482 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	77.8	62.0	93.0





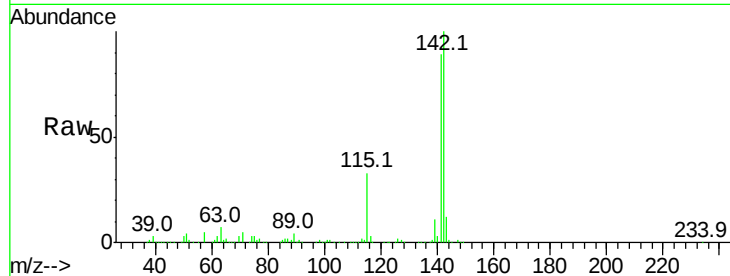
#37
2-Methylnaphthalene
Concen: 33.348 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.2	26.1	39.1

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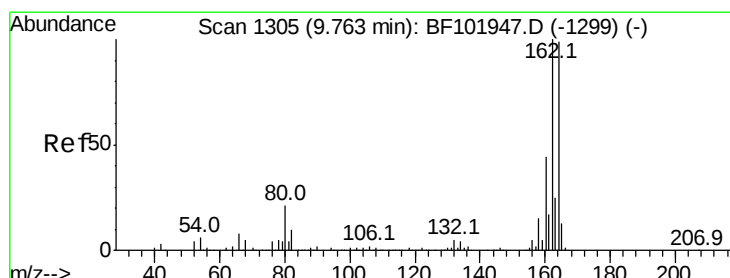
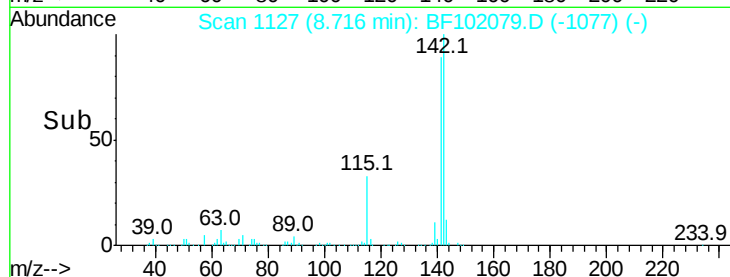
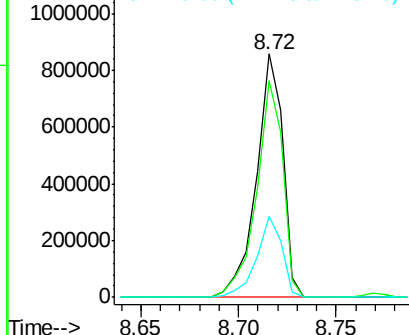


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

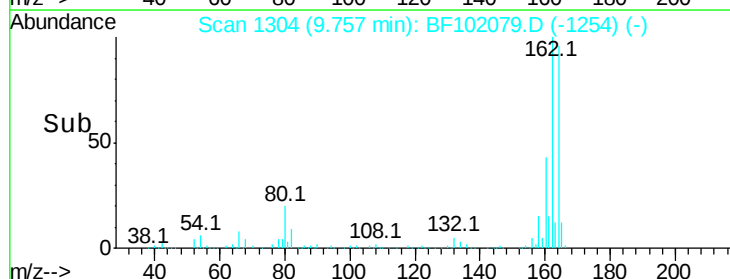
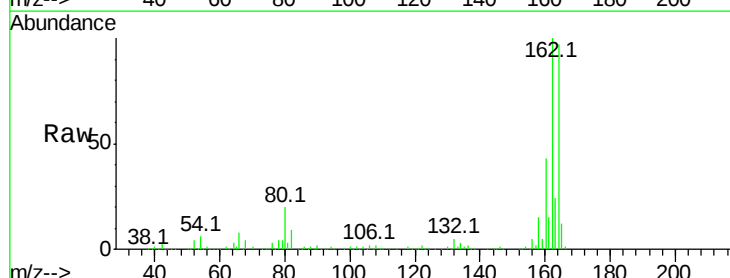
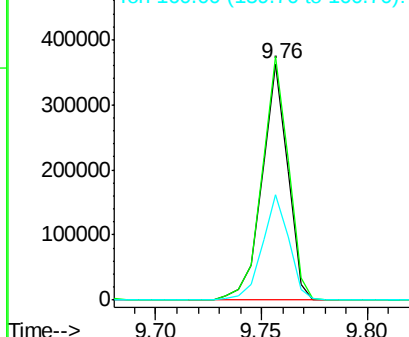
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.5	38.3	57.5

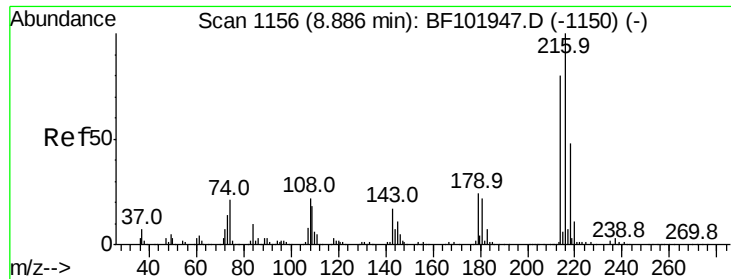
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





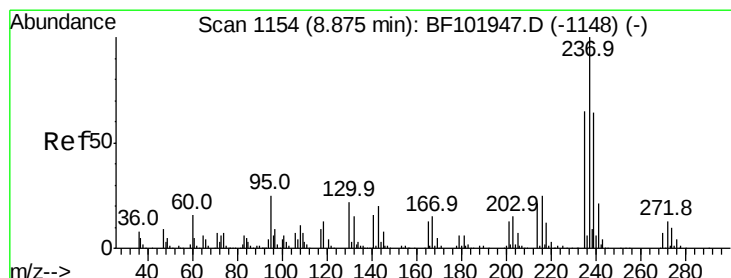
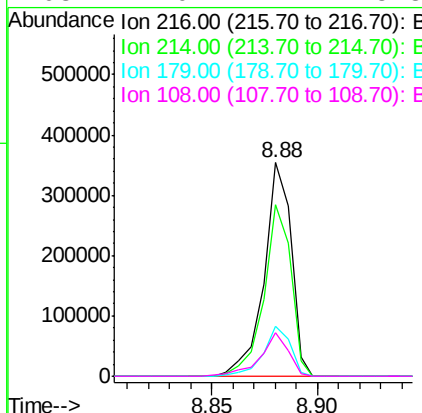
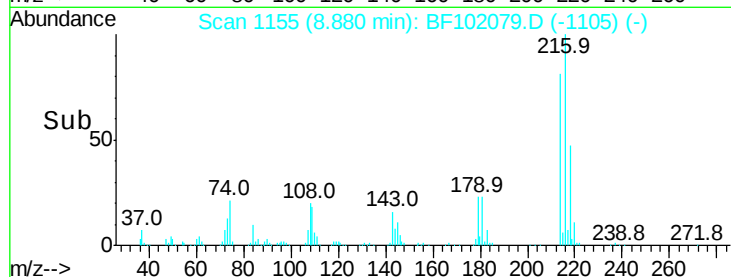
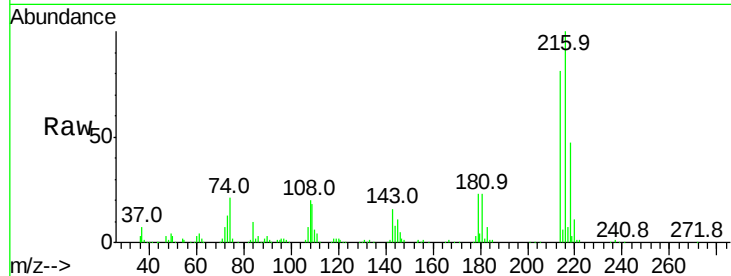
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.532 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	319318		
214	79.8	63.0	94.4	
179	23.4	18.1	27.1	
108	21.0	17.2	25.8	

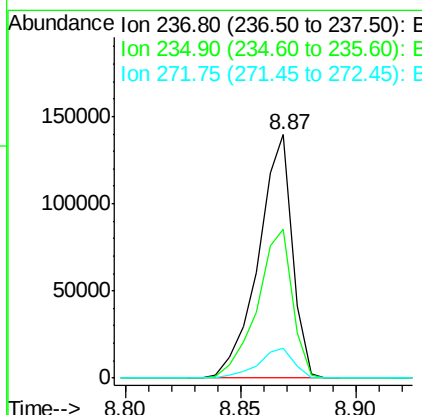
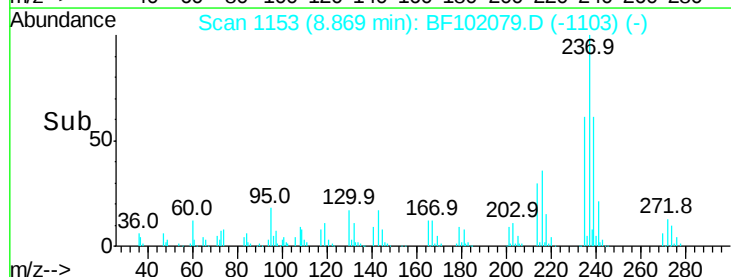
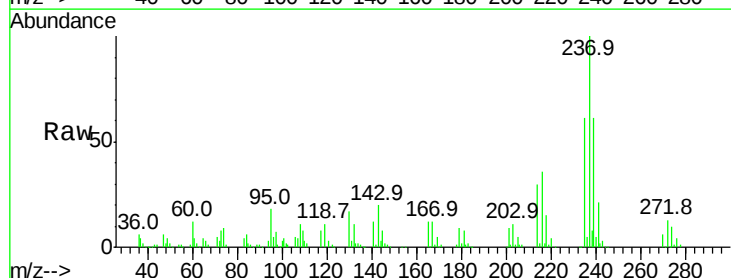
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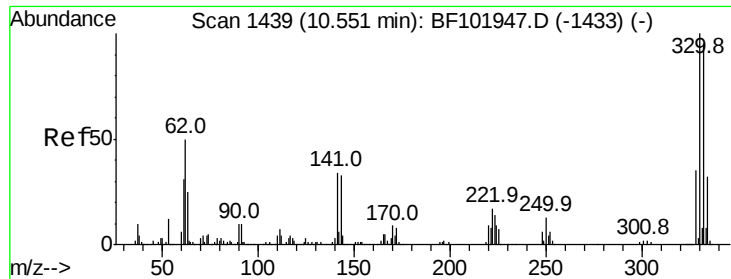
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 1/16/2018 5:01:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 29.761 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	142264		
235	60.9	44.8	84.8	
272	12.5	0.0	33.3	





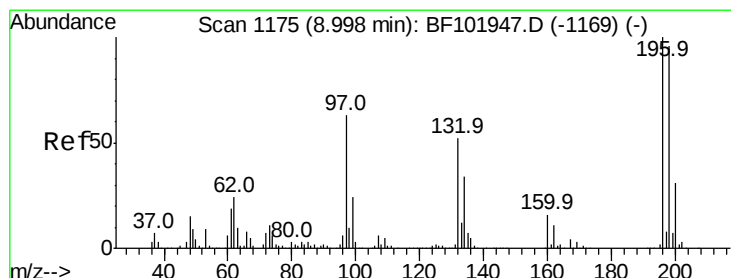
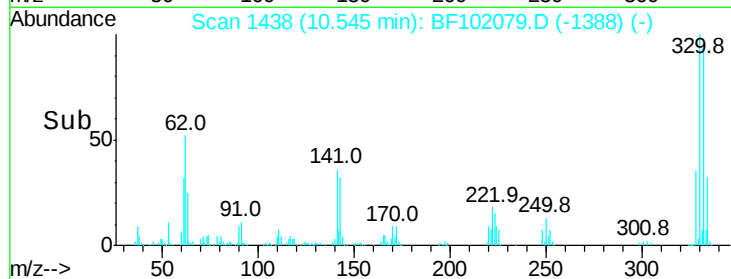
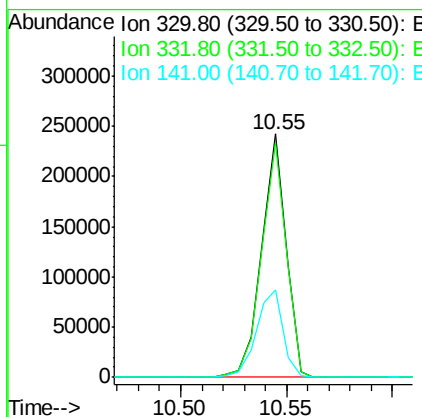
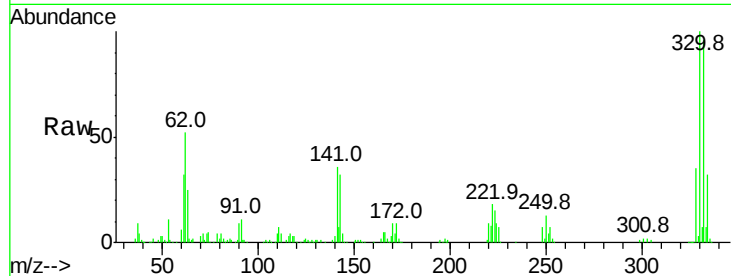
#41
 2,4,6-Tribromophenol
 Concen: 73.159 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	197255		
332	97.2	77.0	115.6	
141	38.7	29.9	44.9	

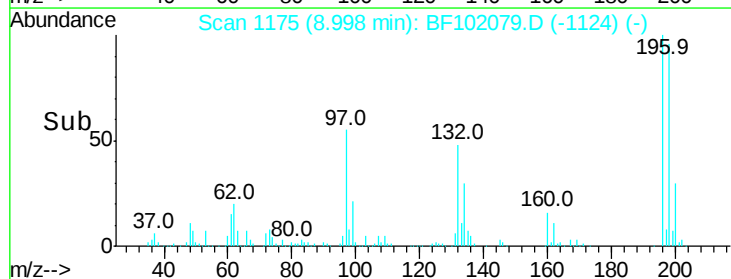
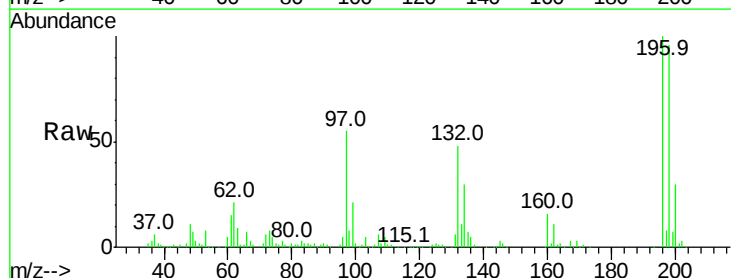
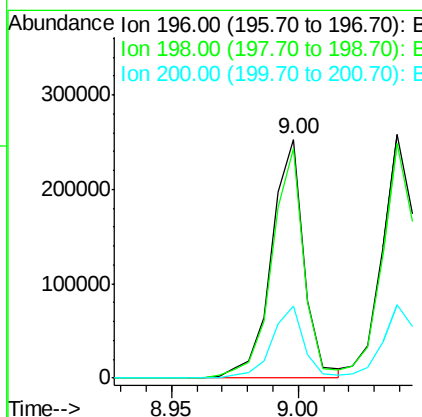
Manual Integrations
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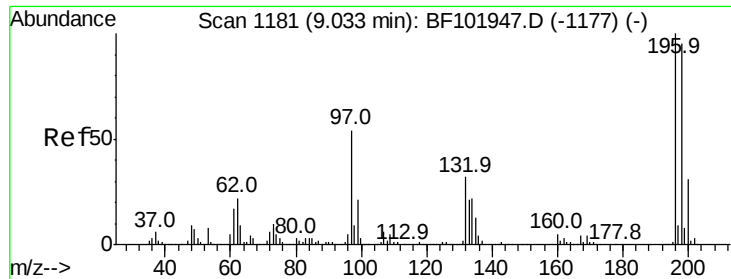
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#42
 2,4,6-Trichlorophenol
 Concen: 37.866 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228080		
198	96.2	75.7	113.5	
200	30.2	24.5	36.7	





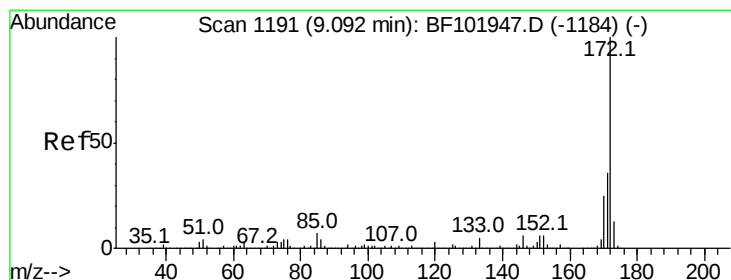
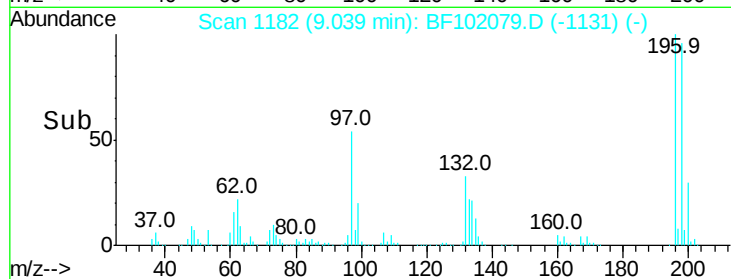
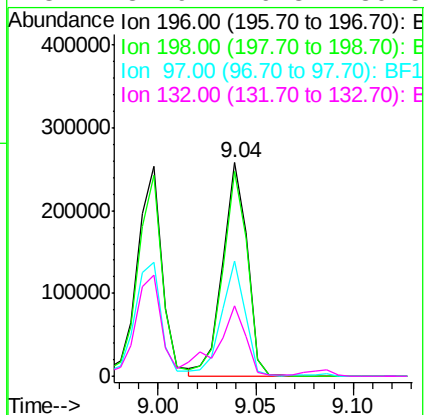
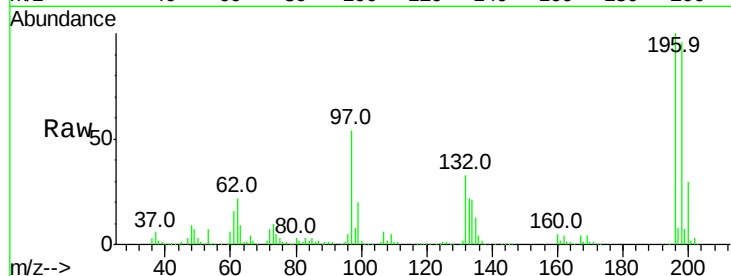
#43
 2,4,5-Trichlorophenol
 Concen: 33.243 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226311		
198	96.1	74.6	112.0	
97	53.8	42.9	64.3	
132	32.9	26.3	39.5	

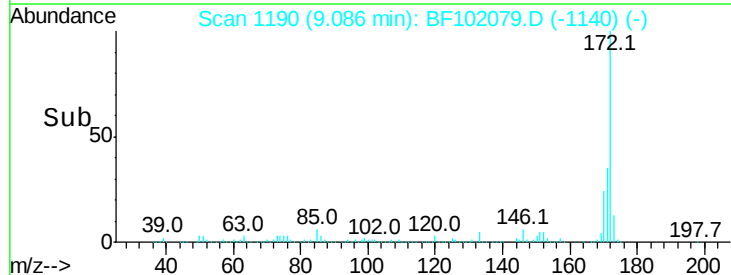
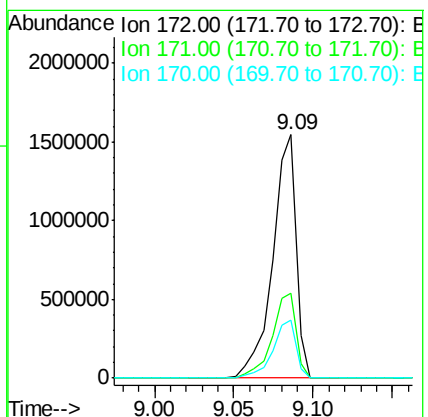
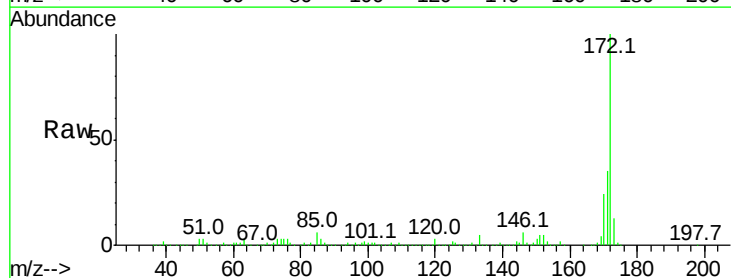
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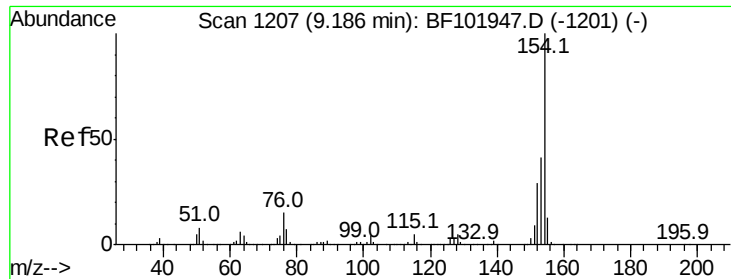
Sohil
 1/16/2018 5:01:27 PM



#44
 2-Fluorobiphenyl
 Concen: 80.494 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1591887		
171	34.8	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 33.679 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

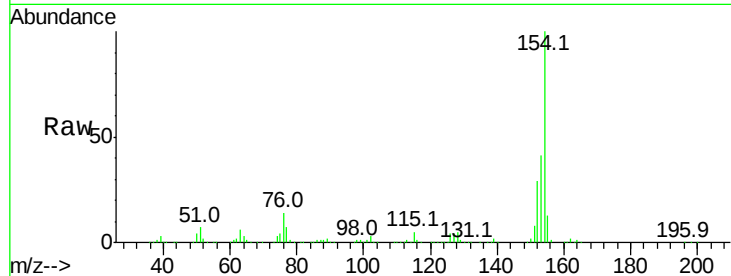
ClientSampled :

PB105648BSD

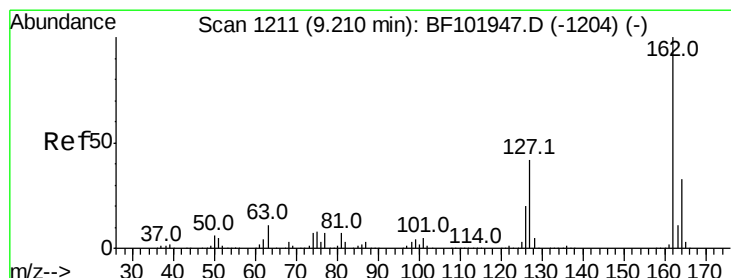
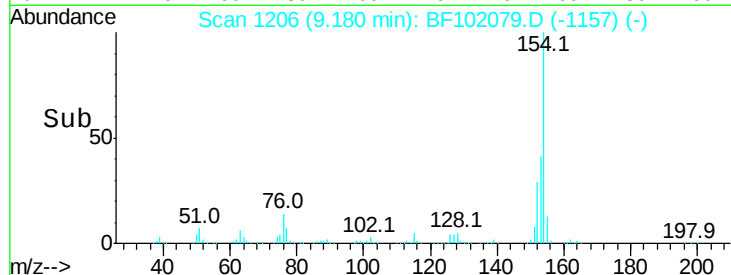
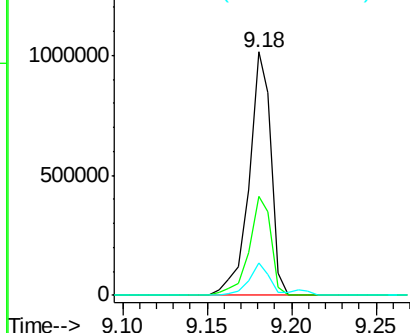
Tot Ion:	154	Resp:	919725
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	13.5	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 33.064 ng

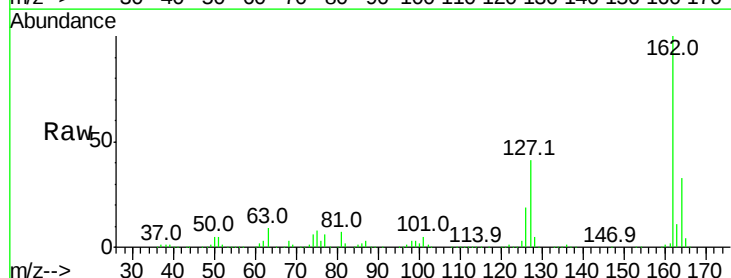
RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

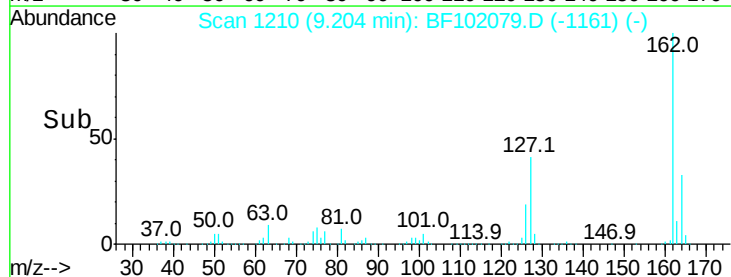
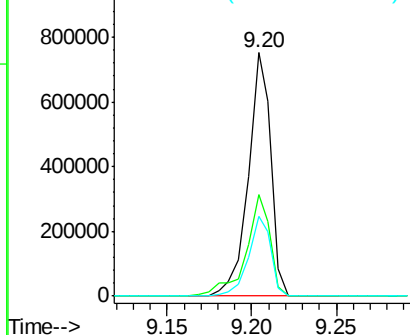
Lab File: BF102079.D

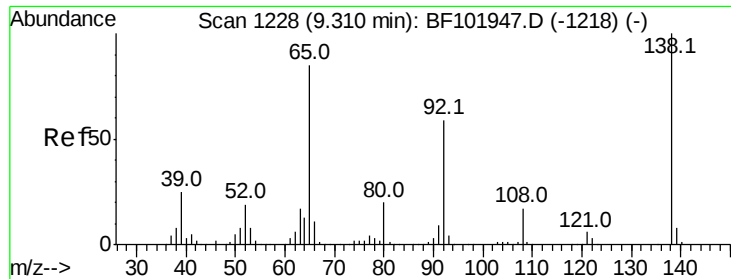
Acq: 15 Jan 2018 22:40

Tgt Ion:	162	Resp:	700181
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.9	50.9
164	32.8	26.5	39.7



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





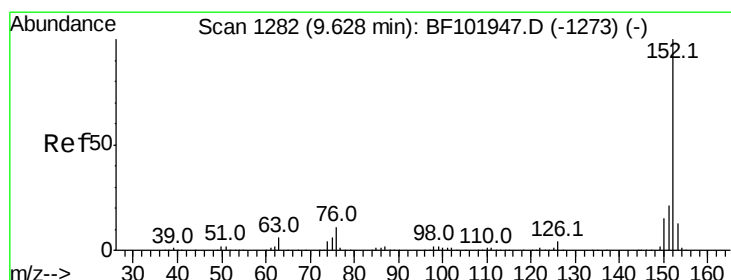
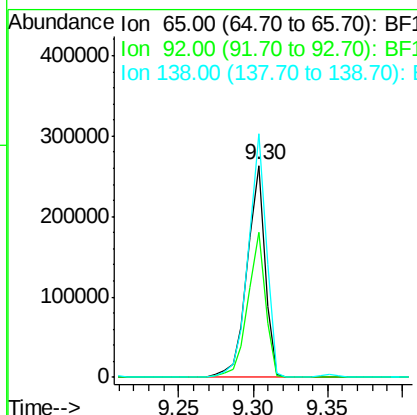
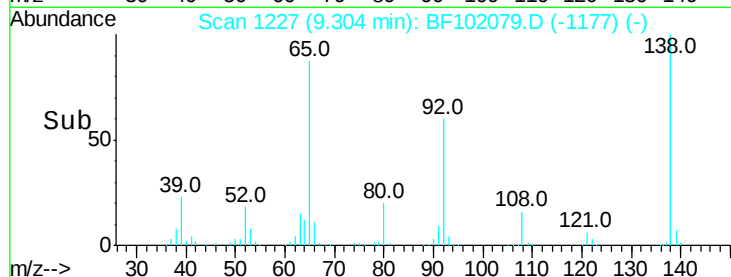
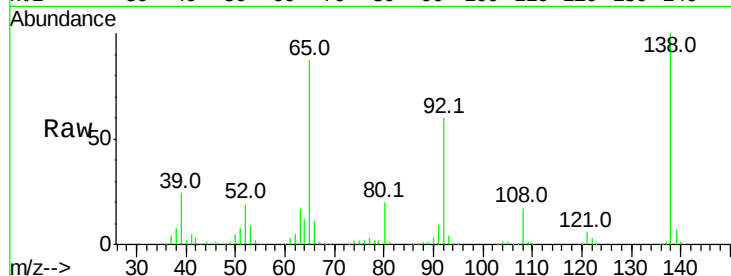
#47
 2-Nitroaniline
 Concen: 34.596 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion:	65	Resp:	219461
Ion Ratio	Lower	Upper	
65	100		
92	68.5	55.8	83.6
138	114.7	91.2	136.8

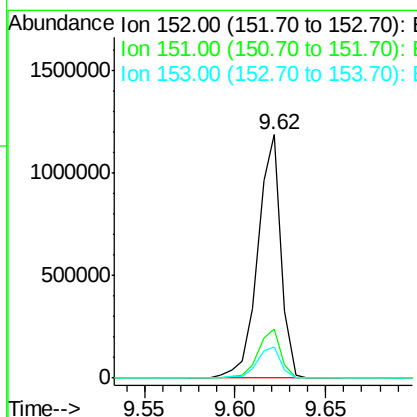
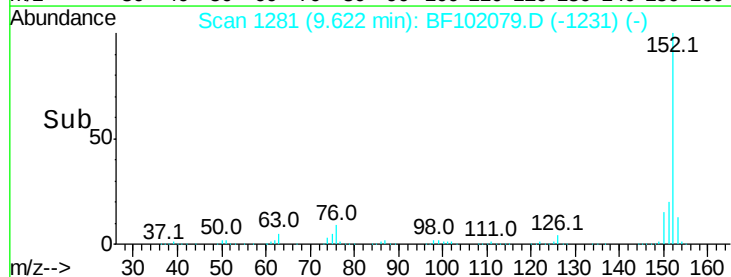
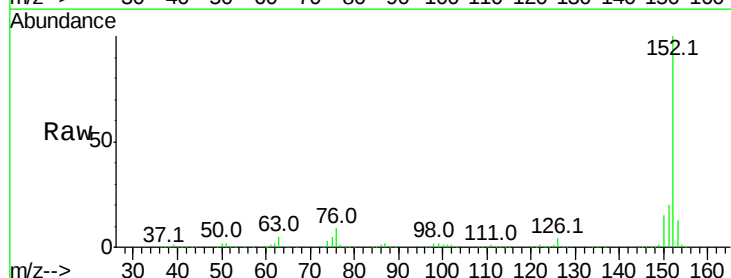
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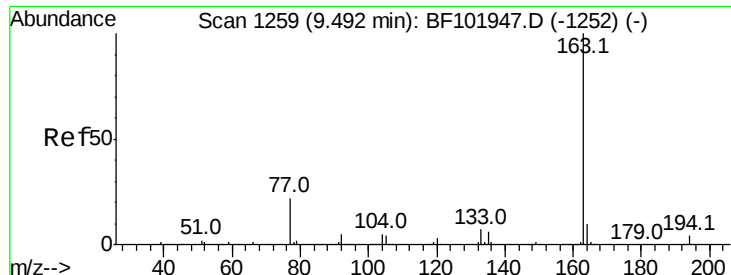
Sohil
 1/16/2018 5:01:27 PM



#48
 Acenaphthylene
 Concen: 31.133 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:	152	Resp:	1046308
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	13.0	10.7	16.1





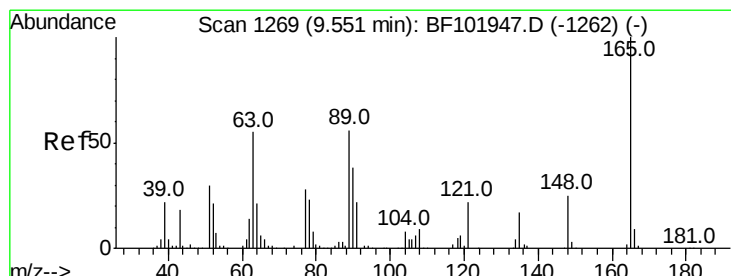
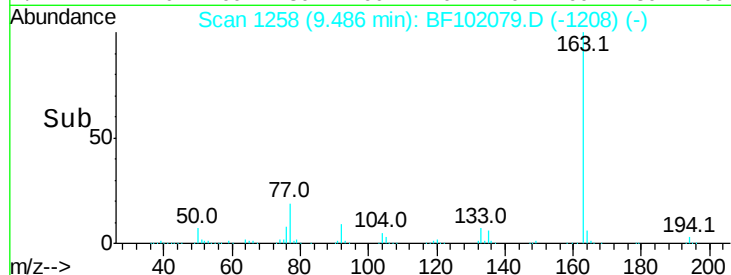
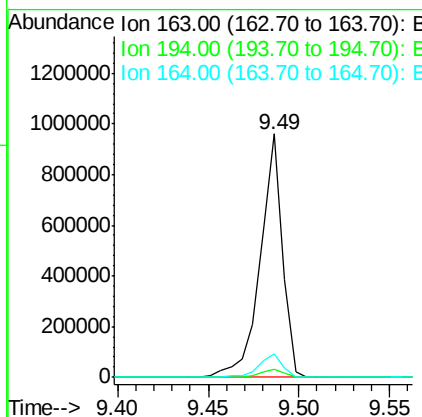
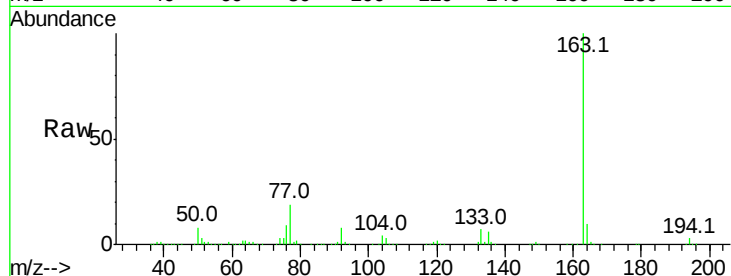
#49
Dimethylphthalate
Concen: 33.050 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	819143		
194	3.2	2.7	4.1	
164	9.8	8.2	12.2	

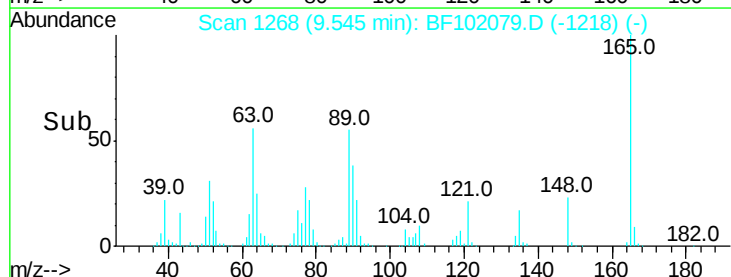
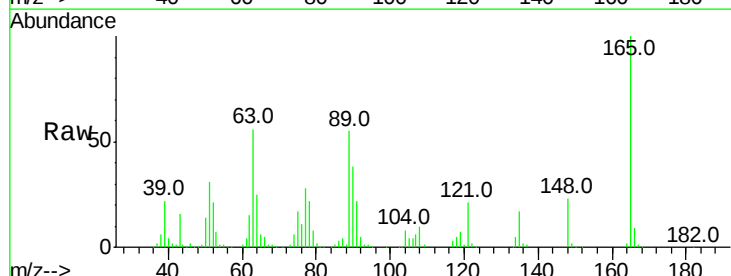
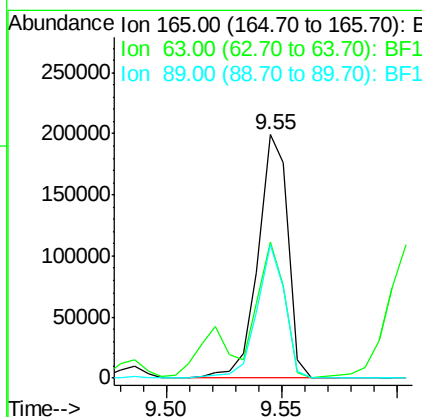
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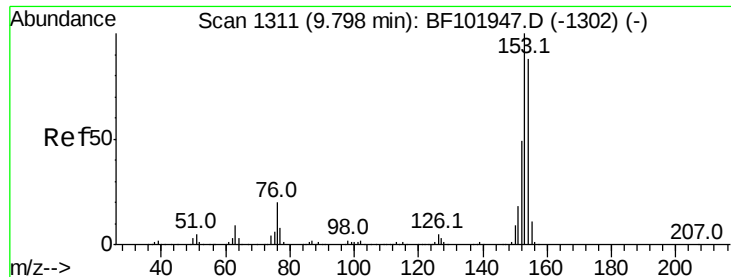
Sohil
1/16/2018 5:01:27 PM



#50
2,6-Dinitrotoluene
Concen: 36.271 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179572		
63	56.1	44.7	67.1	
89	54.7	44.0	66.0	





#51

Acenaphthene

Concen: 30.199 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

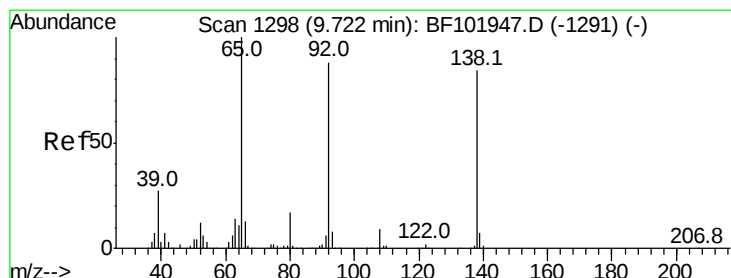
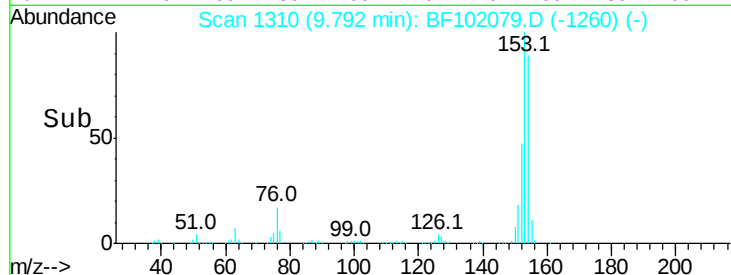
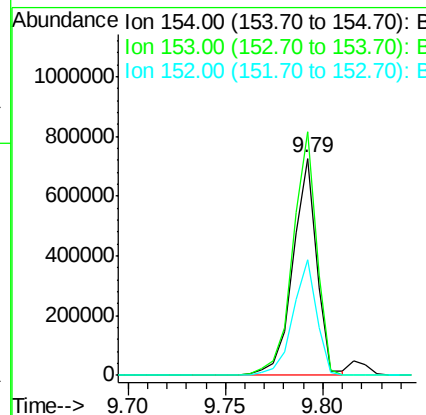
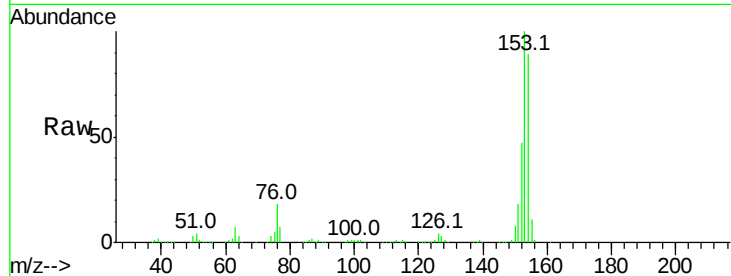
ClientSampled :

PB105648BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	53.1	43.8	65.8

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1/16/2018 5:01:27 PM



#52

3-Nitroaniline

Concen: 16.273 ng

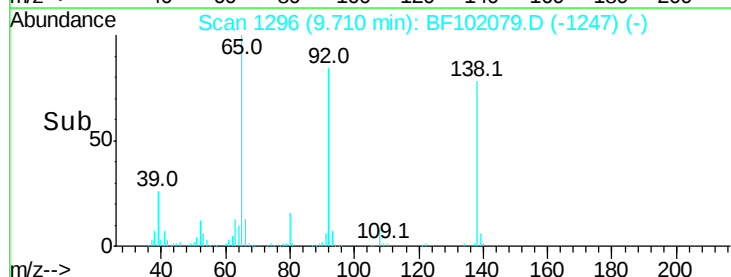
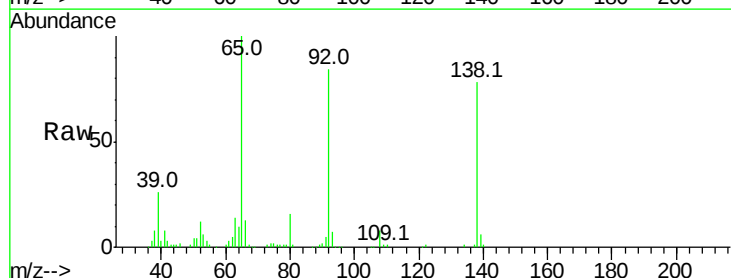
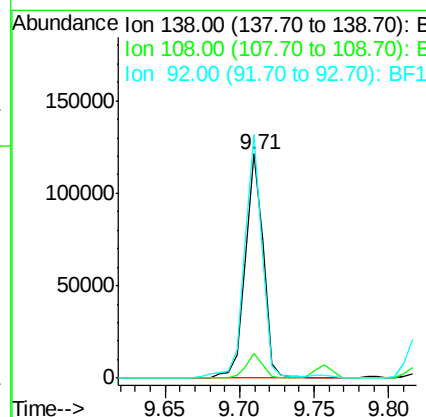
RT: 9.71 min Scan# 1296

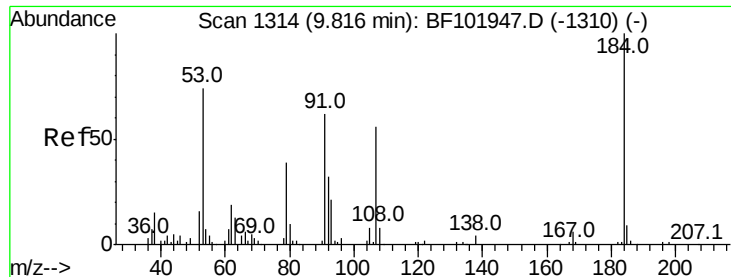
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	108.7	89.4	134.2





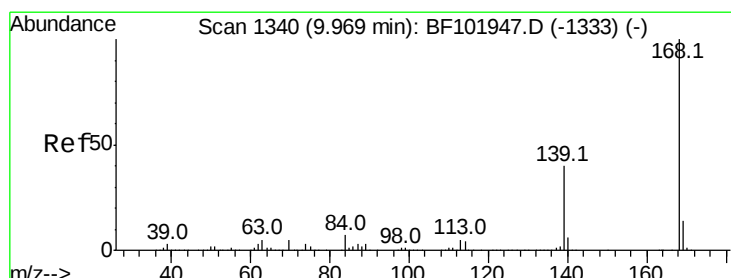
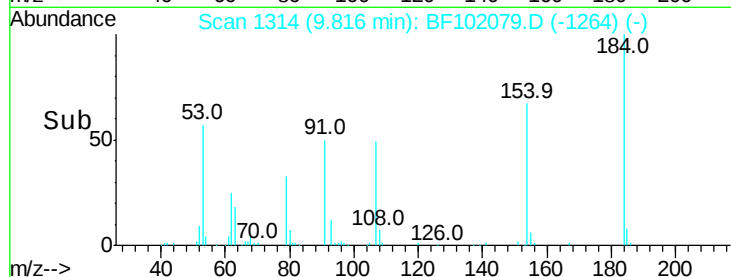
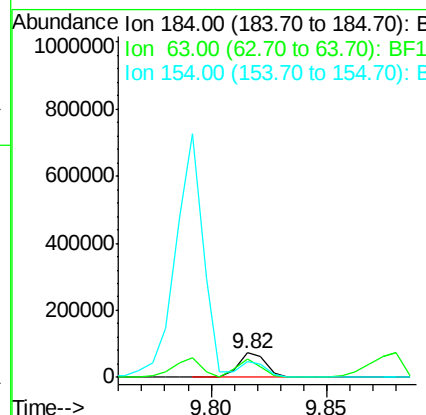
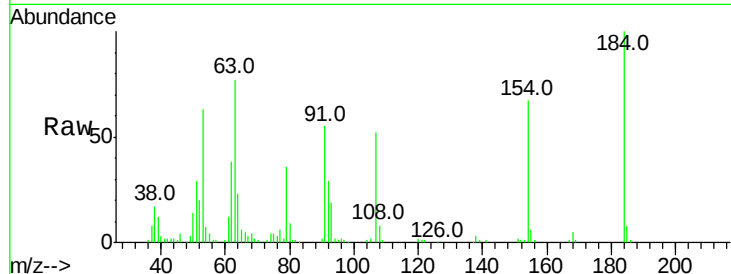
#53
2,4-Dinitrophenol
Concen: 37.748 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.8	54.2	81.2
154	67.3	184.0	276.0#

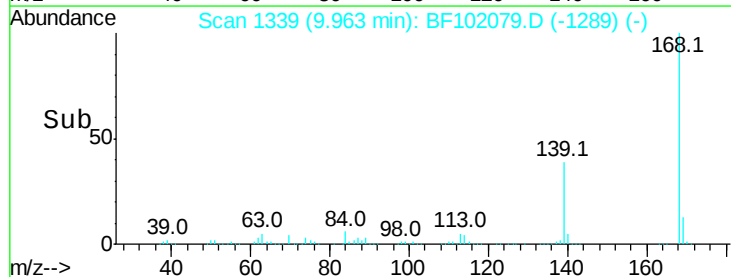
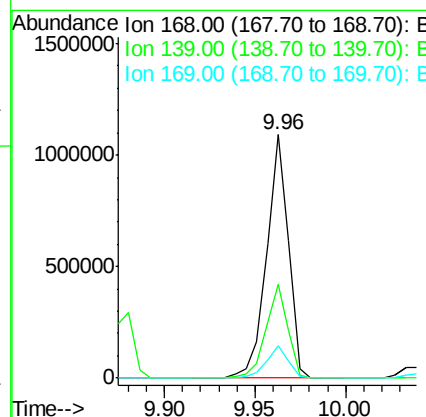
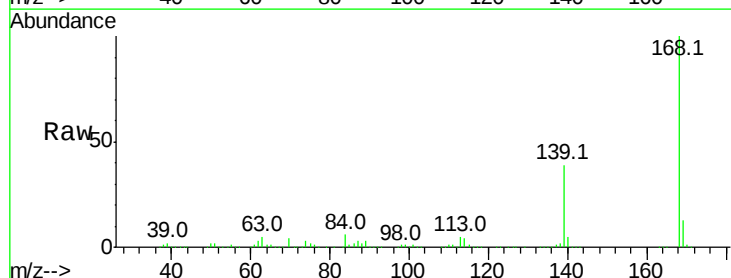
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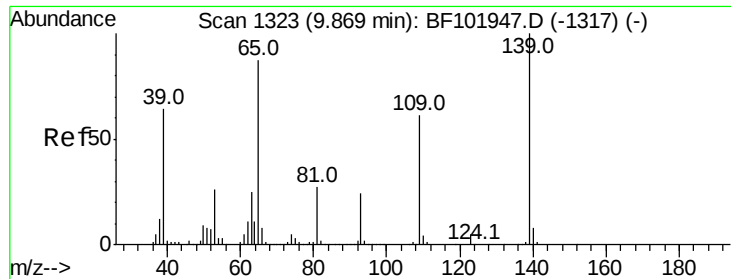
Sohil
1/16/2018 5:01:27 PM



#54
Dibenzofuran
Concen: 32.628 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.4	10.9	16.3





#55

4-Nitrophenol

Concen: 59.906 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

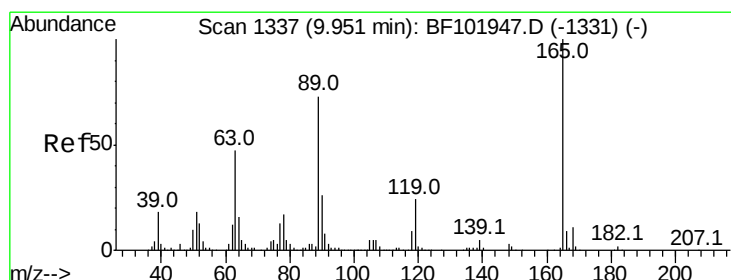
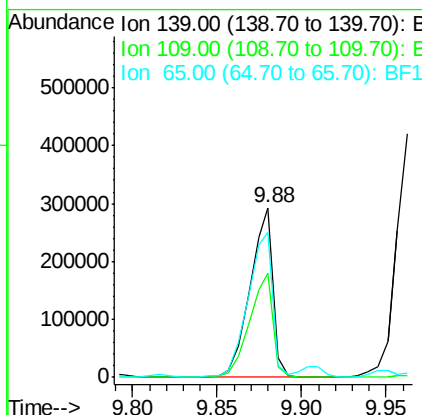
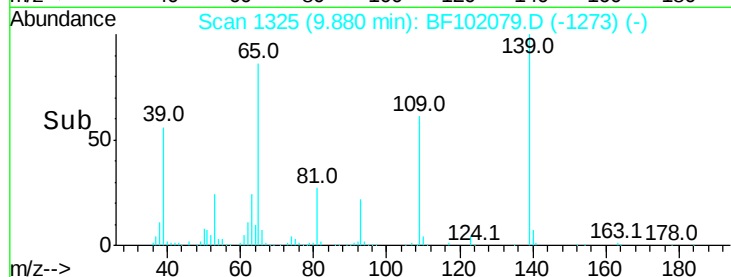
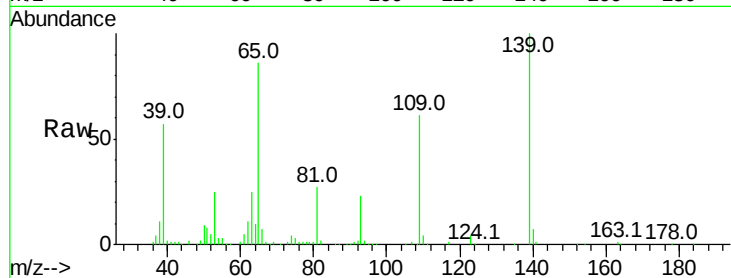
ClientSampleId :

PB105648BSD

Tot Ion:	139	Resp:	278948
Ion Ratio	Lower	Upper	
139	100		
109	61.3	48.4	88.4
65	85.7	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 36.118 ng

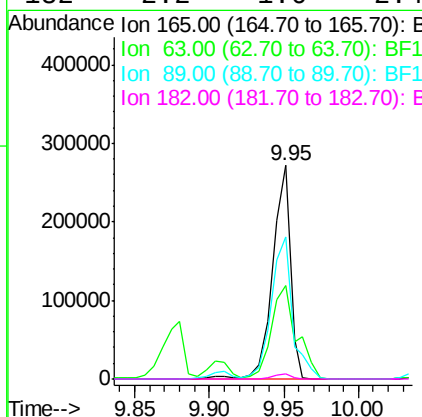
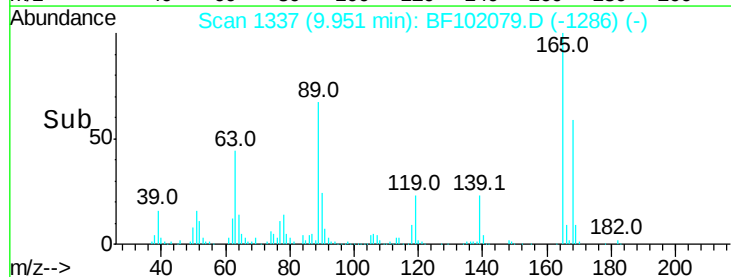
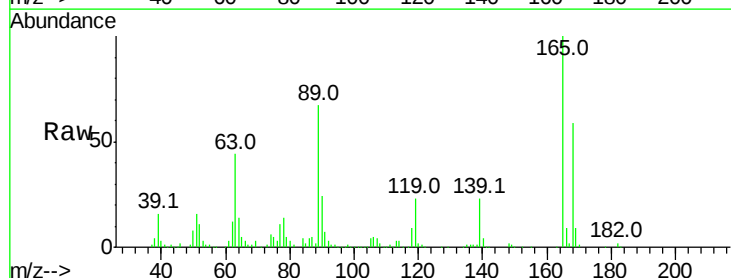
RT: 9.95 min Scan# 1337

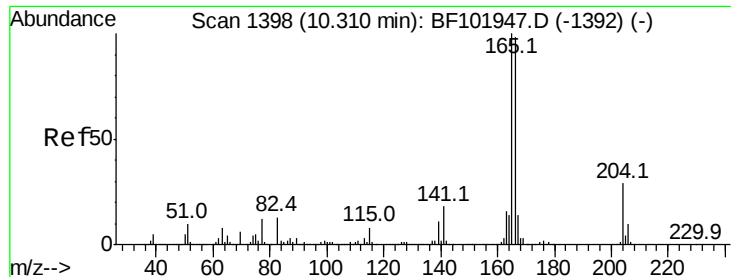
Delta R.T. -0.00 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion:	165	Resp:	224121
Ion Ratio	Lower	Upper	
165	100		
63	43.7	36.4	54.6
89	66.5	57.8	86.6
182	2.2	1.6	2.4





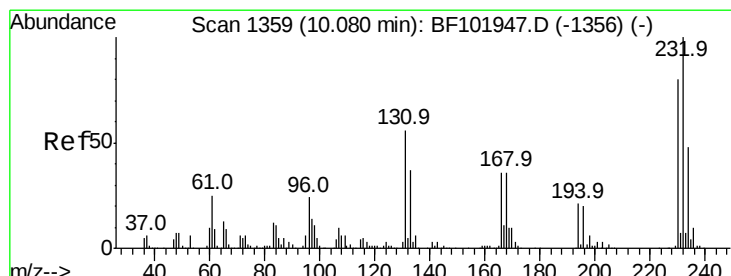
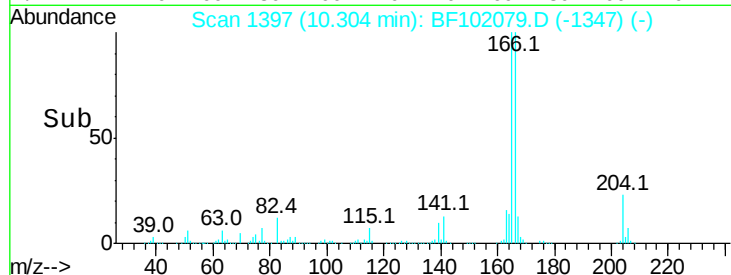
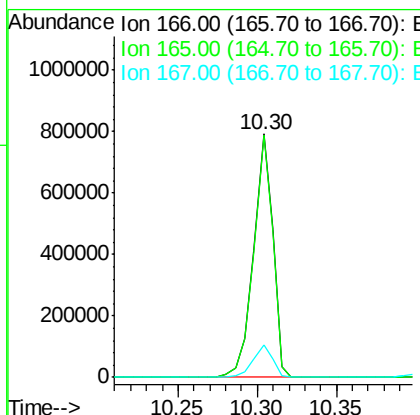
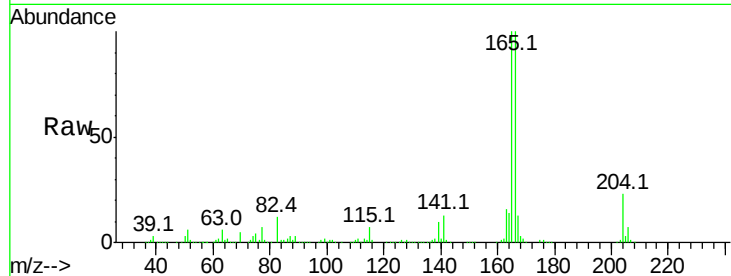
#57
Fluorene
 Concen: 34.625 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleID :
 PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	670103		
165	99.6	79.8	119.8	
167	13.4	10.6	16.0	

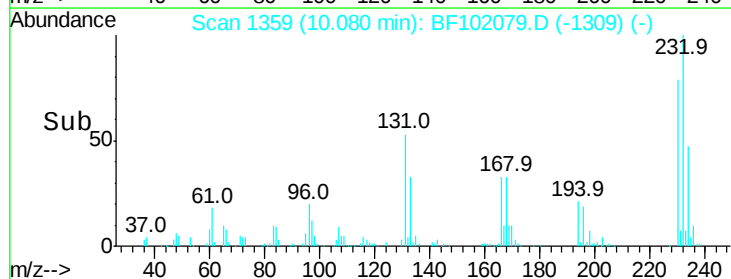
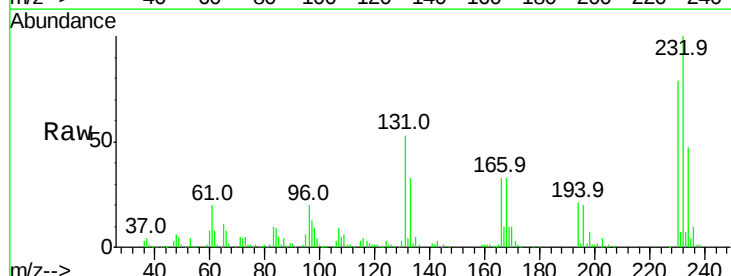
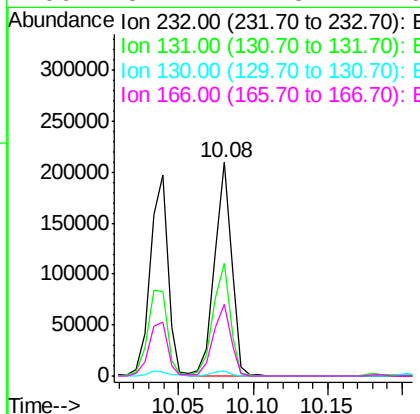
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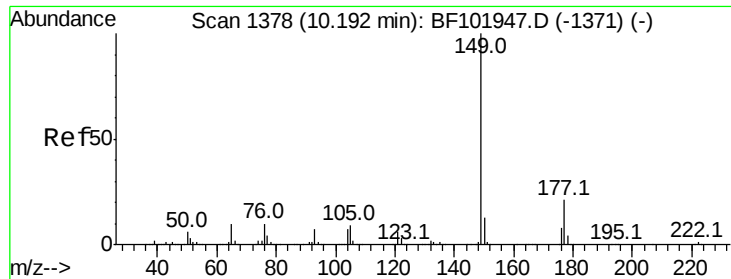
Sohil
 1/16/2018 5:01:27 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.520 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	167306		
131	53.3	43.8	65.8	
130	2.5	2.1	3.1	
166	34.1	27.8	41.6	





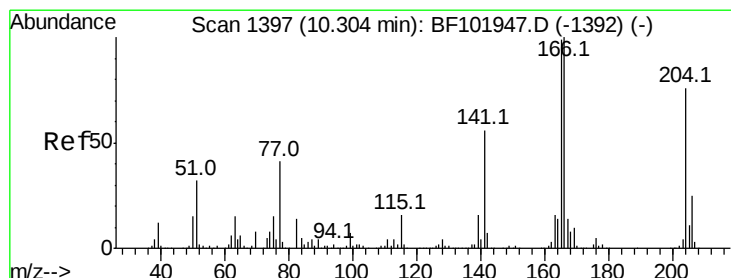
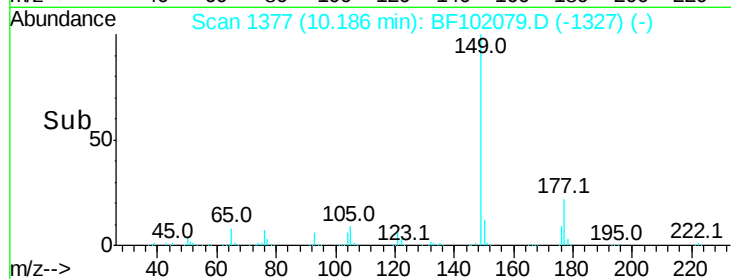
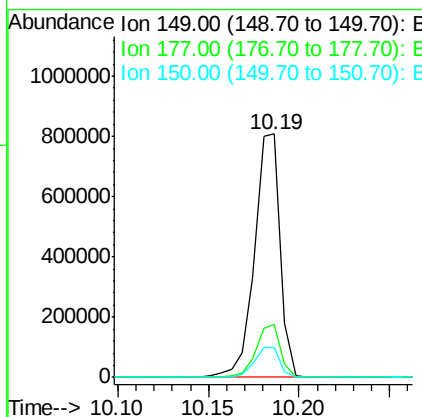
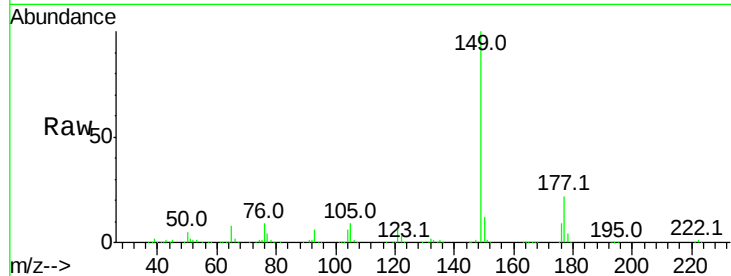
#59
 Diethylphthalate
 Concen: 32.210 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleID :
 PB105648BSD

Tot Ion:	149	Resp:	794132
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.1	24.1
150	12.1	10.1	15.1

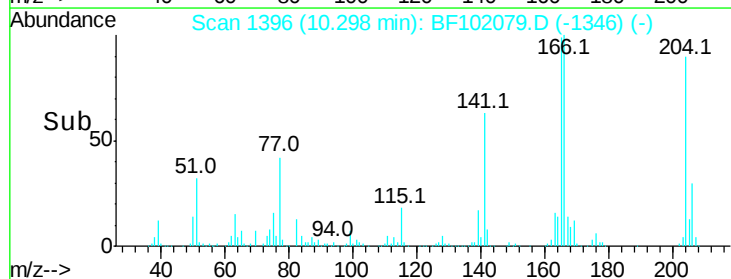
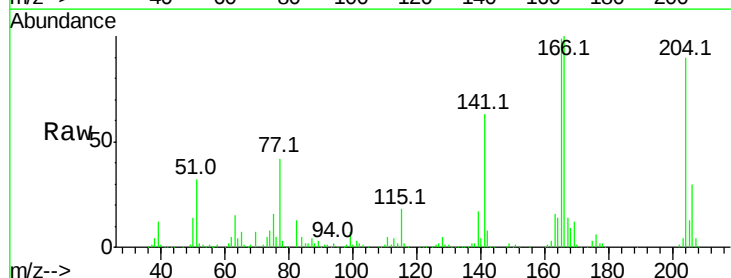
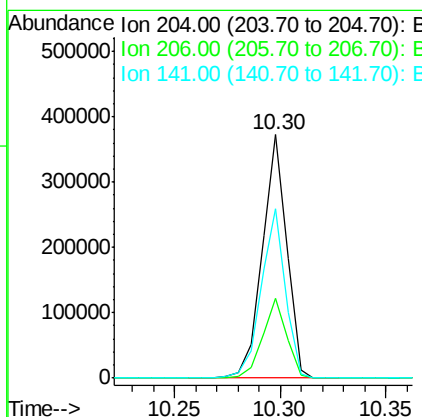
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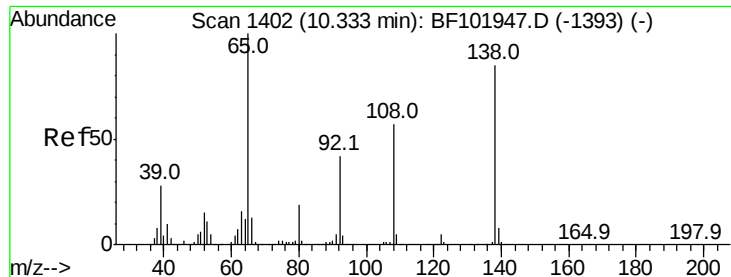
Sohil
 1/16/2018 5:01:27 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 36.468 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion:	204	Resp:	300523
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	69.7	54.6	81.8





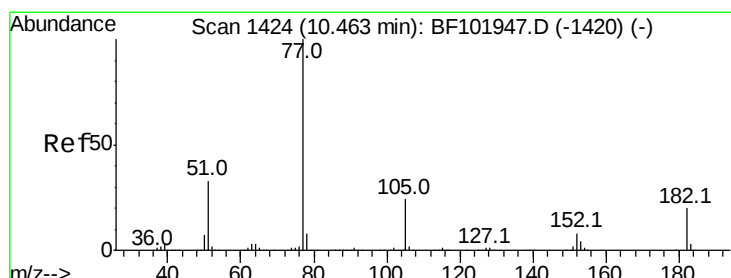
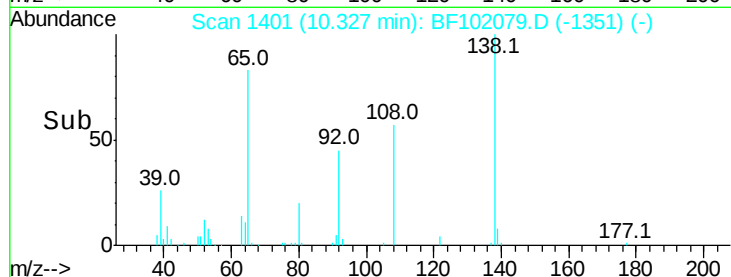
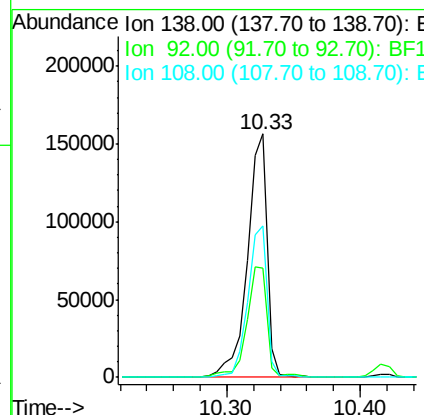
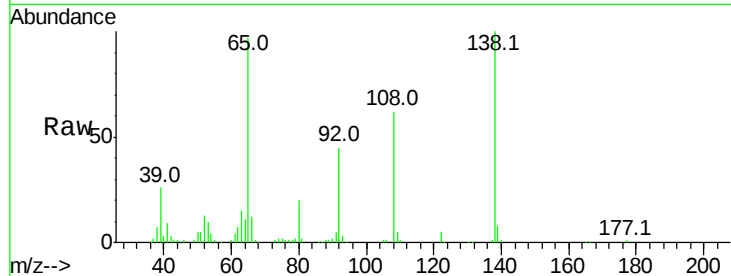
#61
4-Nitroaniline
Concen: 26.867 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	159314		
92	44.8	30.2	70.2	
108	62.2	52.5	92.5	

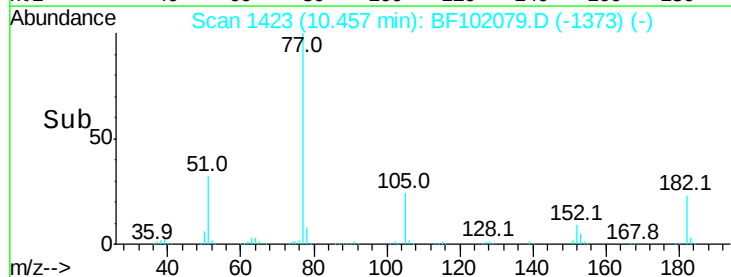
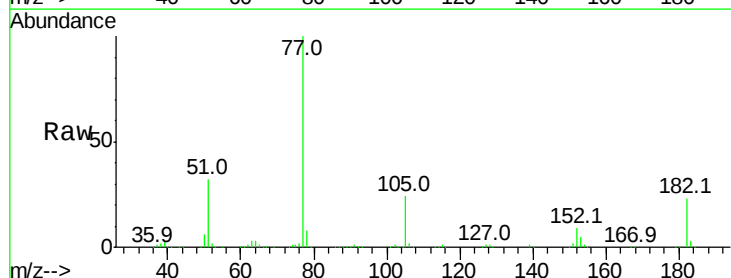
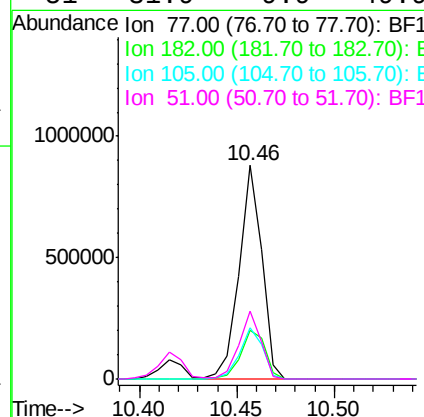
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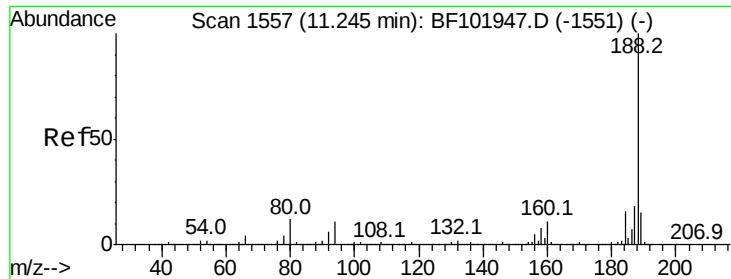
Sohil
1/16/2018 5:01:27 PM



#62
Azobenzene
Concen: 29.115 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	714169		
182	22.6	1.7	41.7	
105	24.0	3.0	43.0	
51	31.9	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

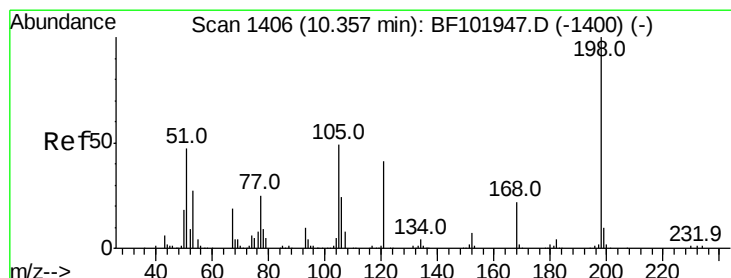
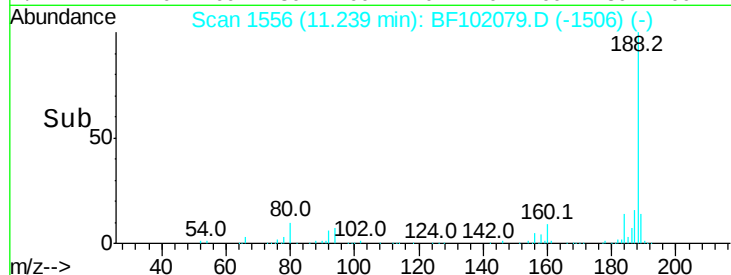
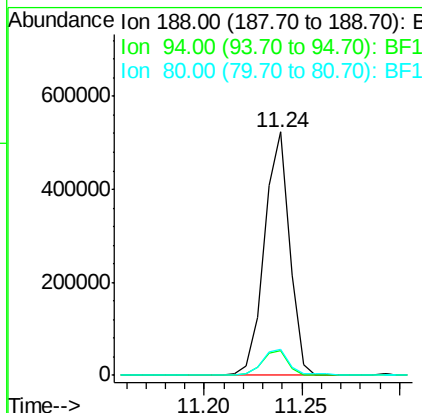
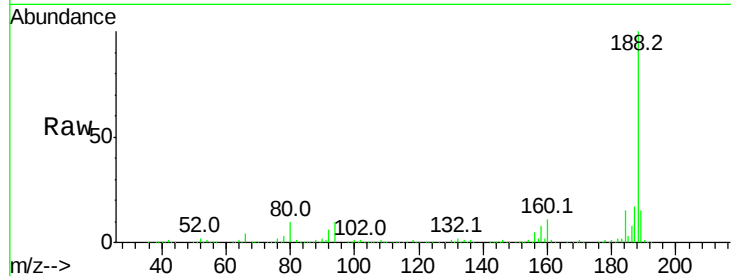
ClientSampleId :

PB105648BSD

Tot Ion:	188	Resp:	467763
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	10.4	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 23.413 ng

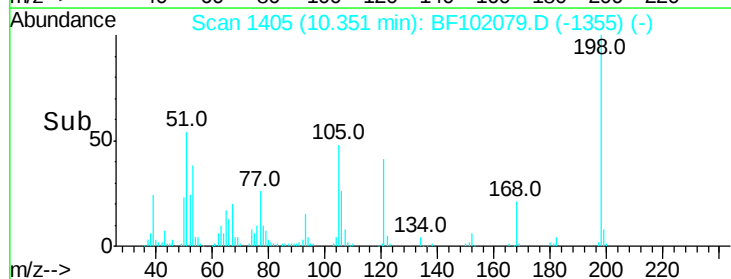
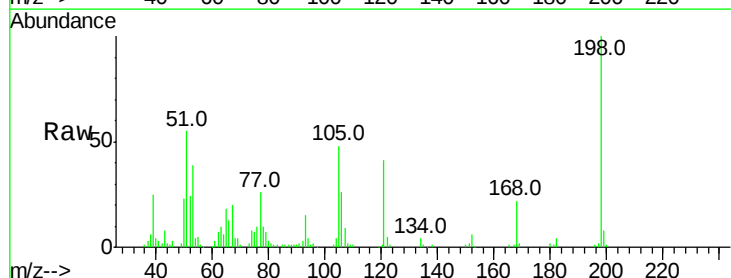
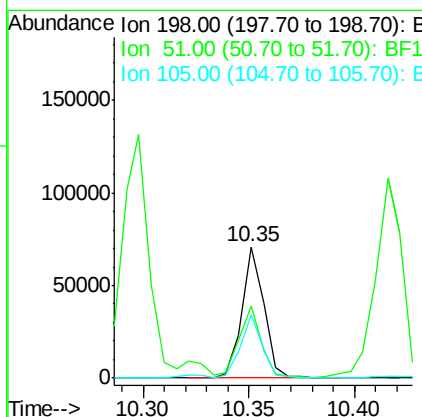
RT: 10.35 min Scan# 1405

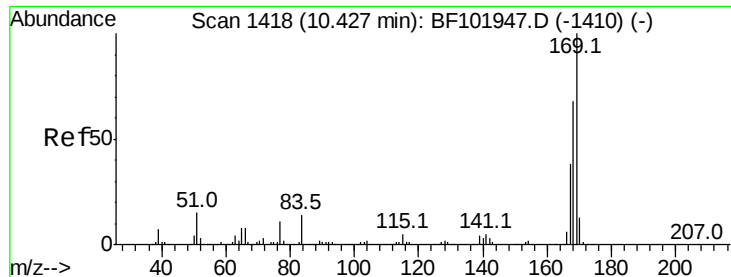
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion:	198	Resp:	51126
Ion Ratio	Lower	Upper	
198	100		
51	54.6	37.7	77.7
105	48.3	36.3	76.3





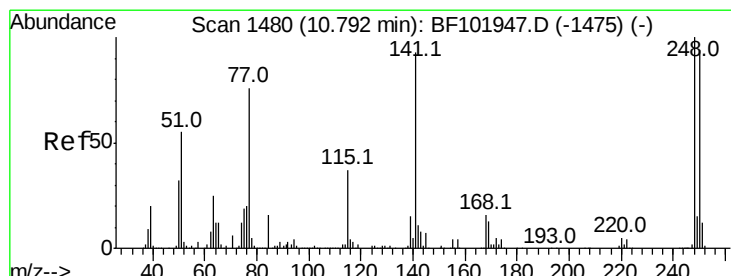
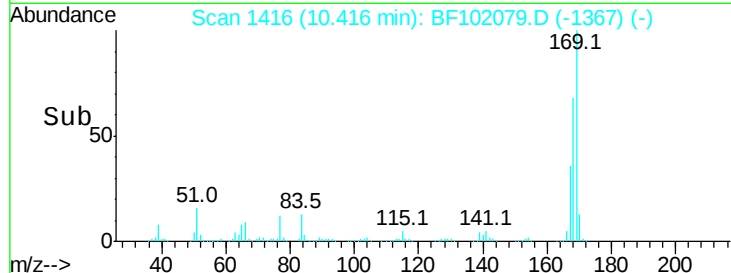
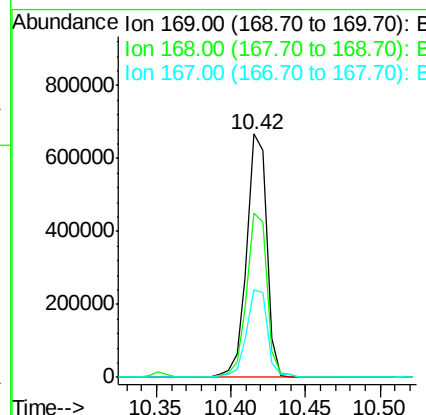
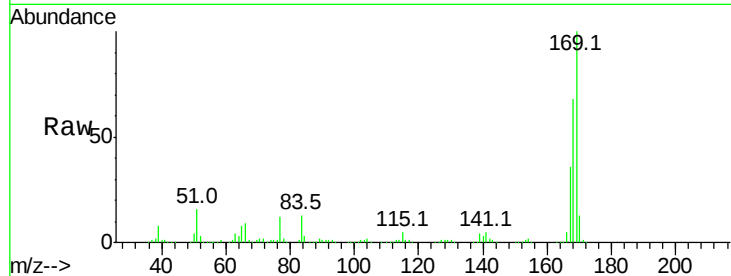
#65
 n-Nitrosodiphenylamine
 Concen: 35.627 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	624035		
168	67.6	54.4	81.6	
167	36.0	29.8	44.6	

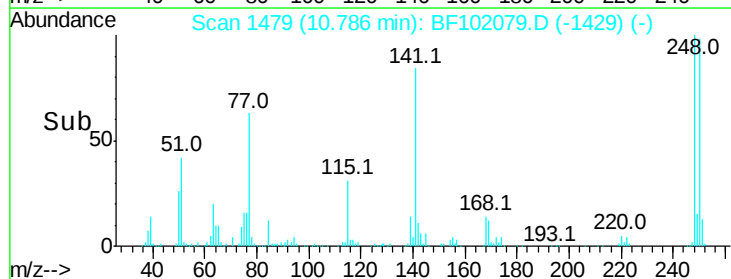
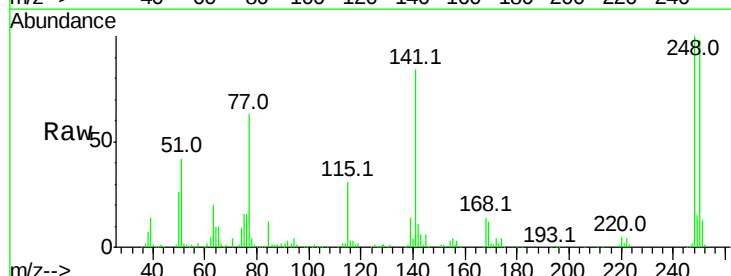
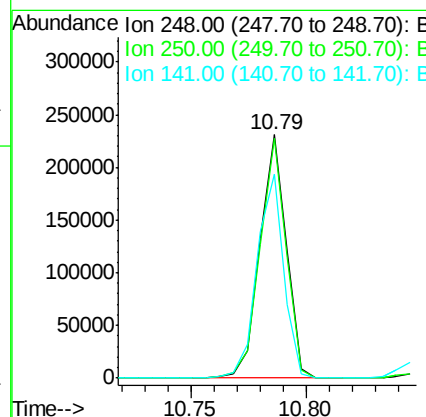
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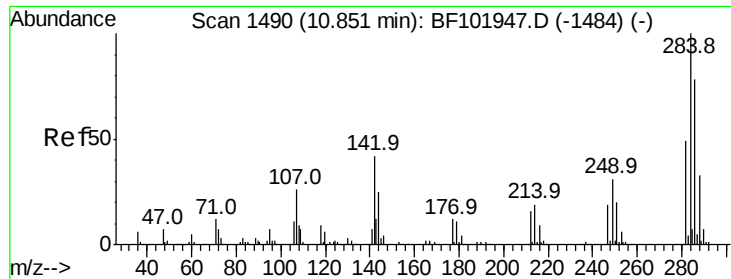
Sohil
 1/16/2018 5:01:27 PM



#66
 4-Bromophenyl-phenylether
 Concen: 37.534 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	185408		
250	98.3	76.9	115.3	
141	83.9	74.4	111.6	





#67

Hexachlorobenzene

Concen: 33.789 ng

RT: 10.84 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

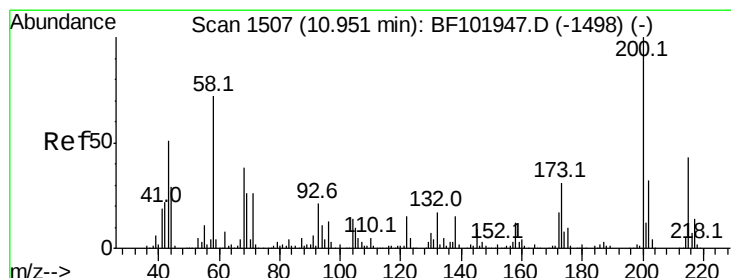
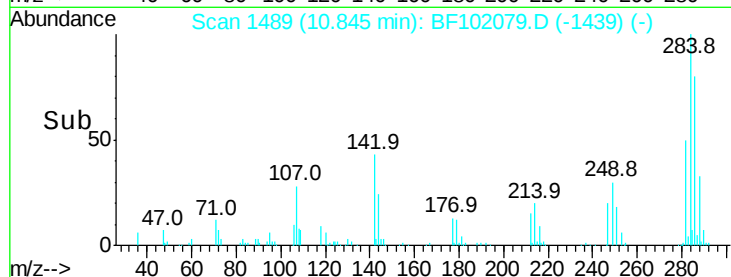
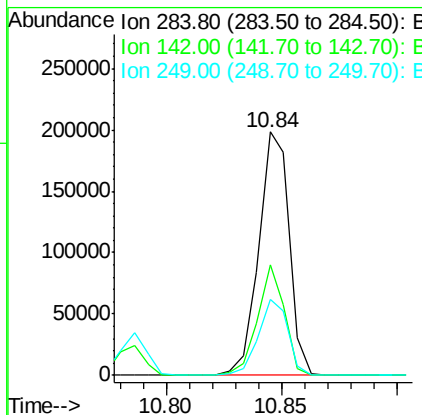
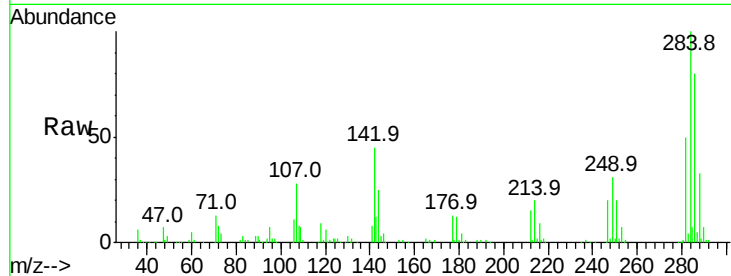
ClientSampleId :

PB105648BSD

Tot Ion:	284	Resp:	182216
Ion Ratio		Lower	Upper
284	100		
142	45.3	34.6	52.0
249	31.1	24.8	37.2

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#68

Atrazine

Concen: 37.825 ng

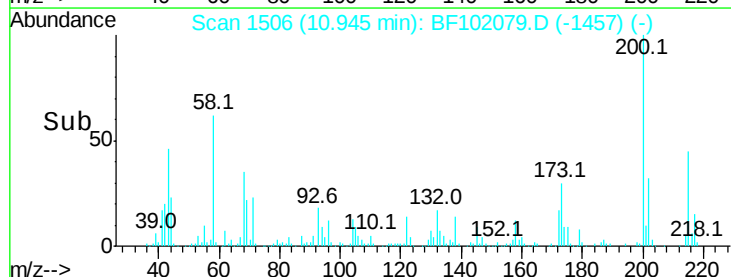
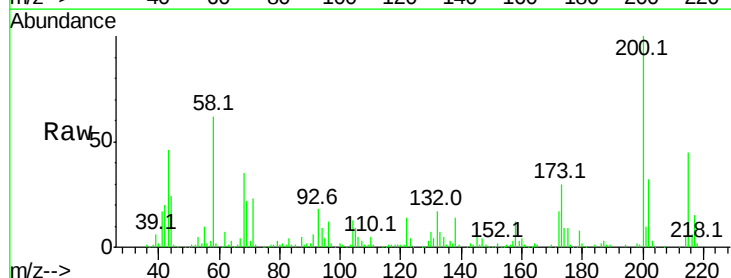
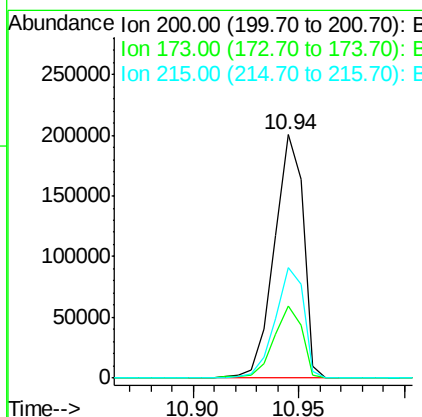
RT: 10.94 min Scan# 1506

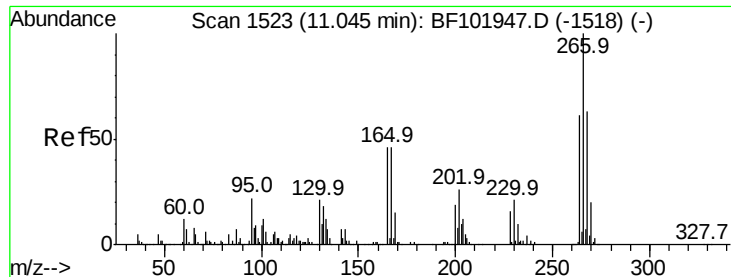
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion:	200	Resp:	191469
Ion Ratio		Lower	Upper
200	100		
173	29.5	8.6	48.6
215	45.4	25.1	65.1





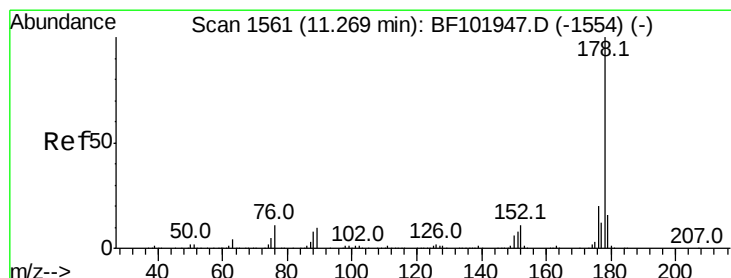
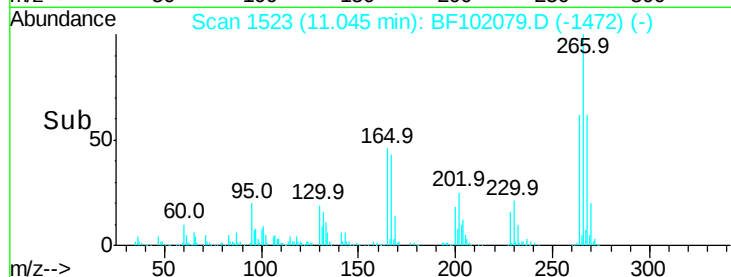
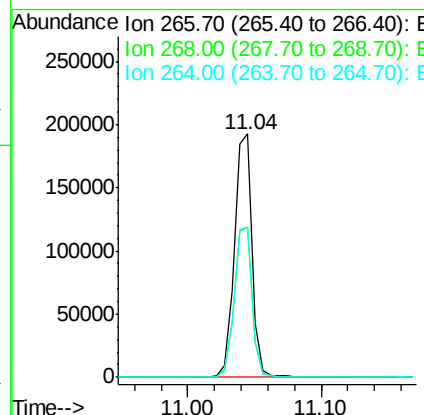
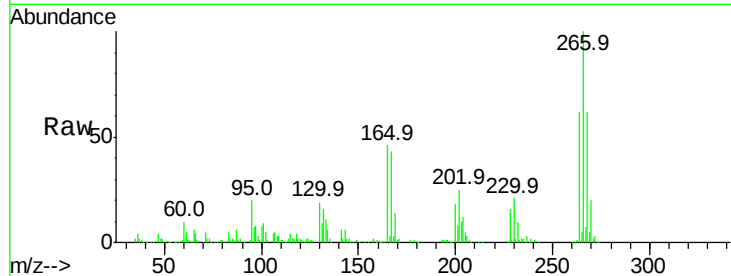
#69
 Pentachlorophenol
 Concen: 54.875 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	180452		
268	61.7	51.1	76.7	
264	61.8	49.5	74.3	

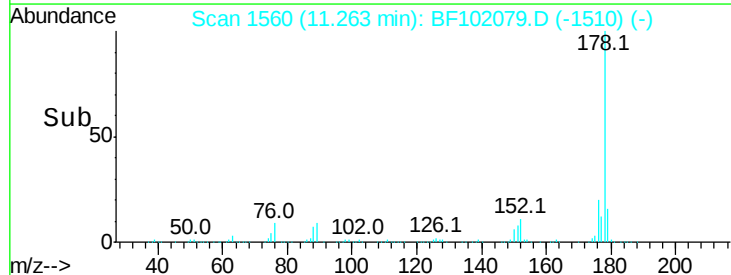
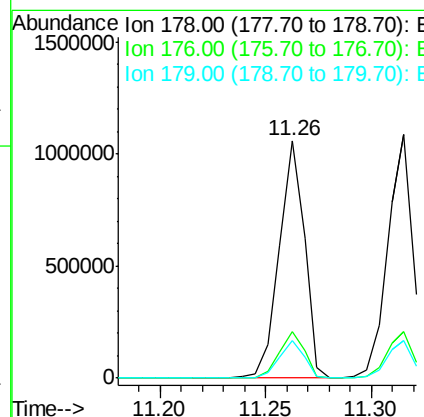
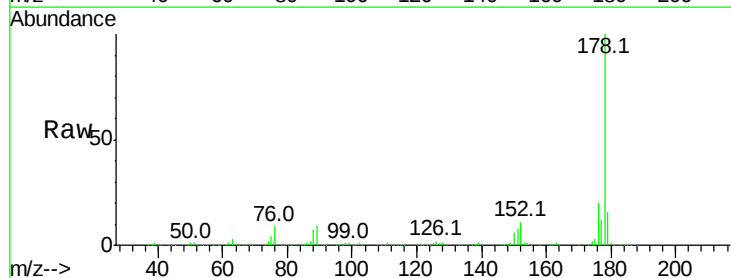
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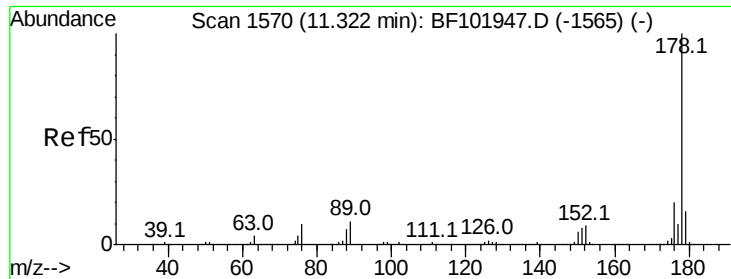
Sohil
 1/16/2018 5:01:27 PM



#70
 Phenanthrene
 Concen: 32.448 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	886583		
176	19.8	15.8	23.8	
179	15.8	13.0	19.6	





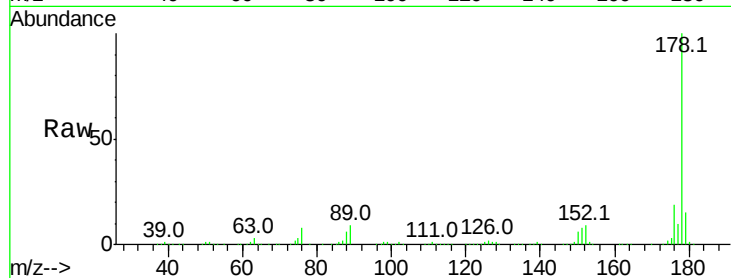
#71
 Anthracene
 Concen: 32.529 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.6	19.0

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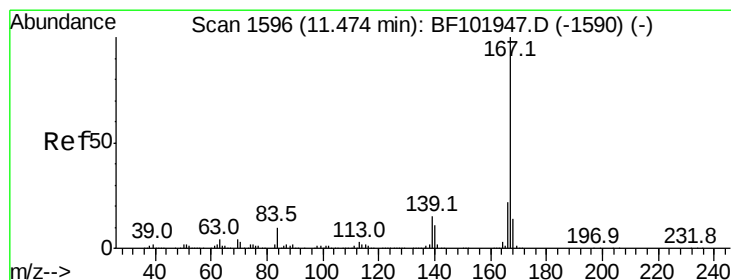
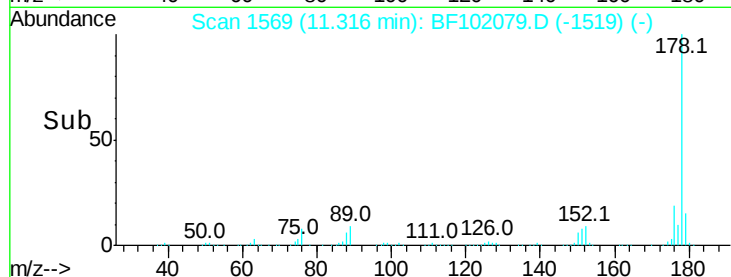
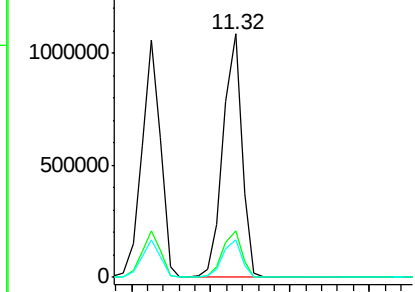


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 29.522 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

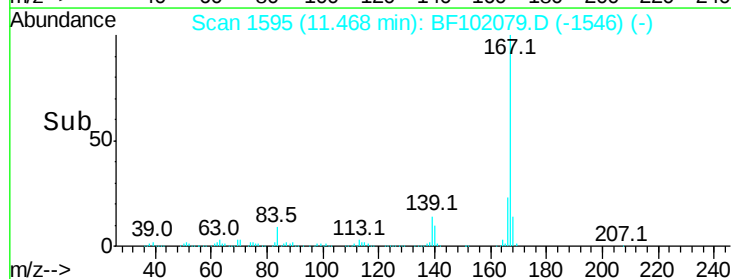
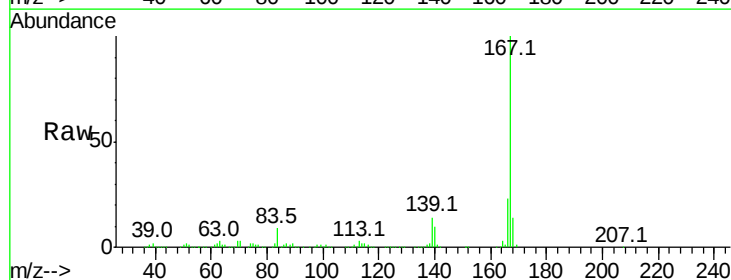
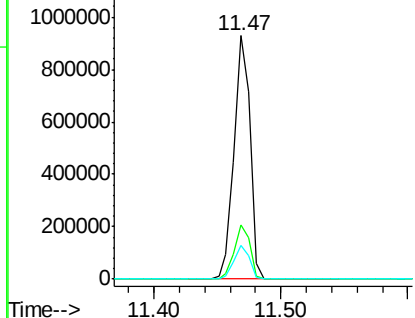
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.1	10.9	16.3

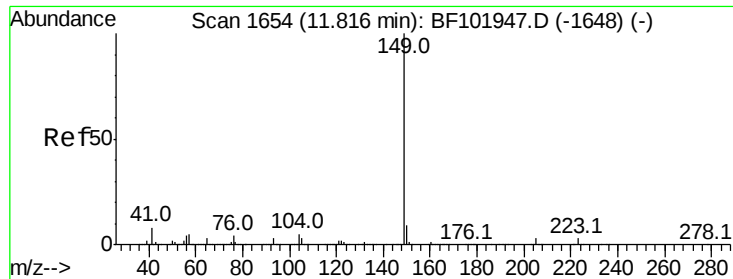
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.664 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

ClientSampleId :

PB105648BSD

Tot Ion:149 Resp: 1124933

Ion Ratio Lower Upper

149 100

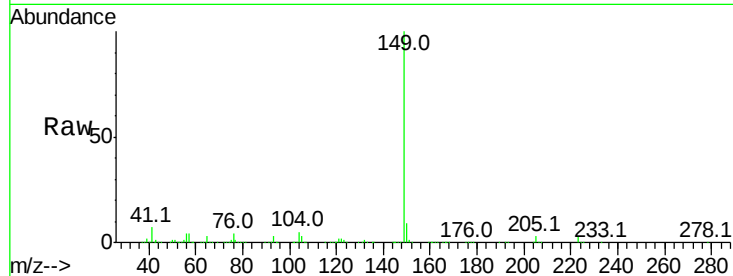
150 9.2 7.8 11.6

104 4.6 3.8 5.8

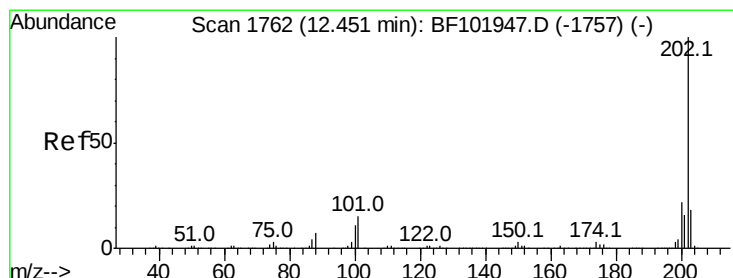
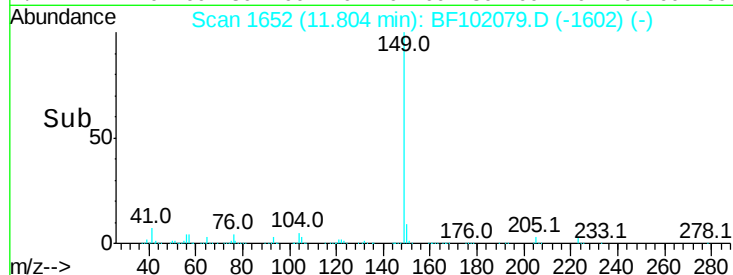
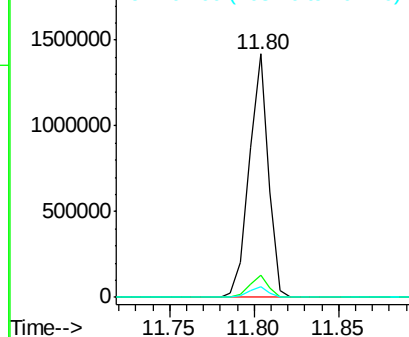
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.570 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

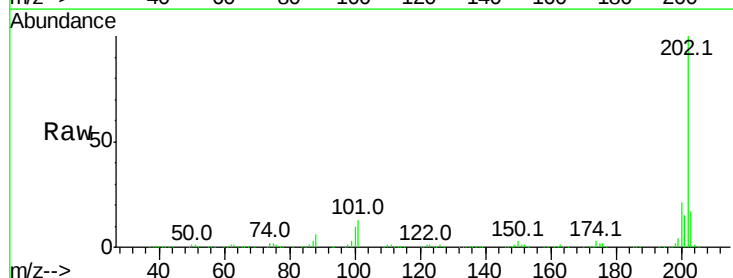
Tgt Ion:202 Resp: 768040

Ion Ratio Lower Upper

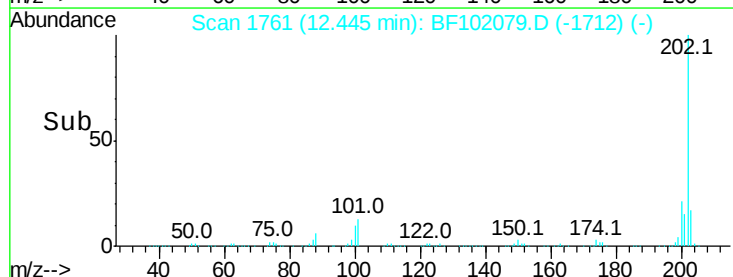
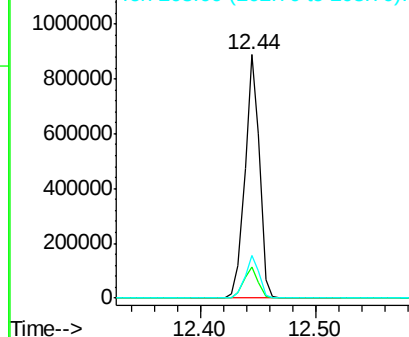
202 100

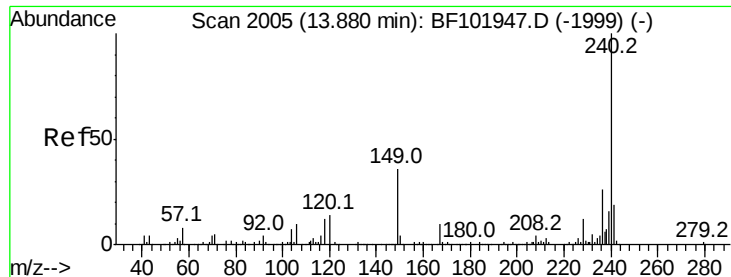
101 13.0 0.0 34.1

203 17.4 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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

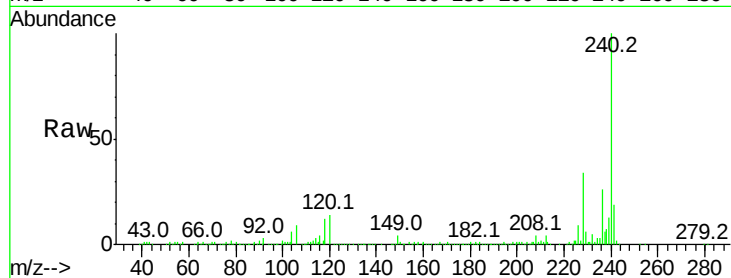
ClientSampleId :

PB105648BSD

Tot Ion:	240	Resp:	283193
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	25.8	20.7	31.1

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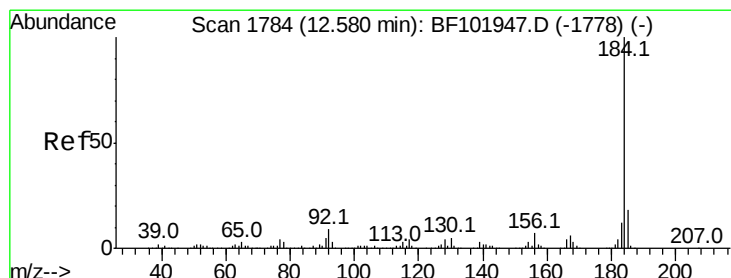
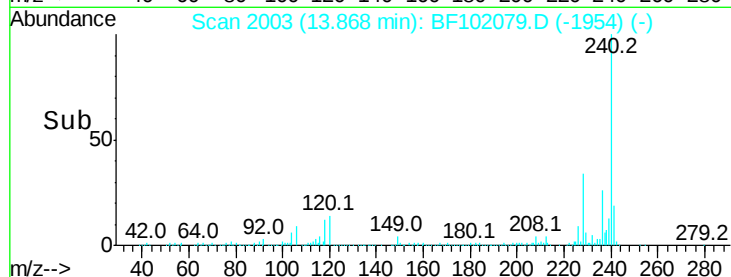
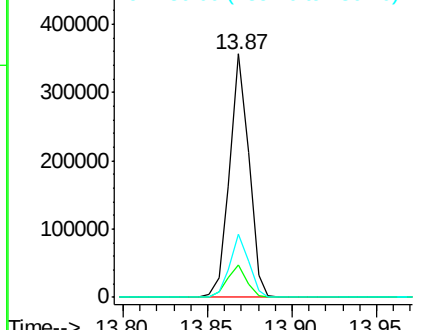
Sohil
1/16/2018 5:01:27 PM



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: 12.259 ng

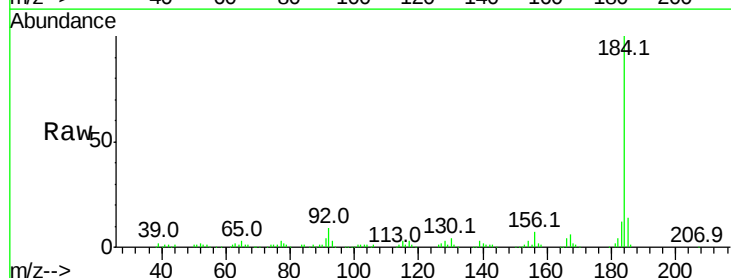
RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

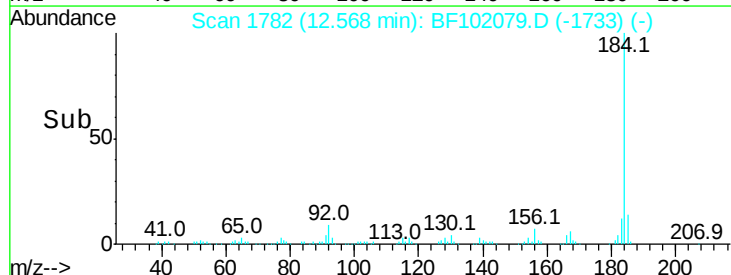
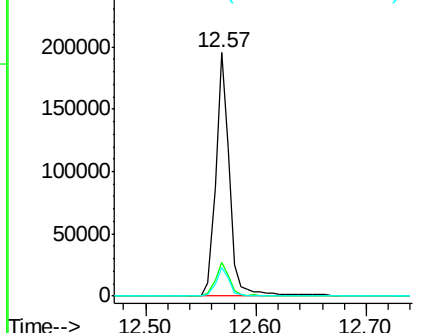
Tgt Ion:	184	Resp:	167643
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	12.0	9.3	13.9

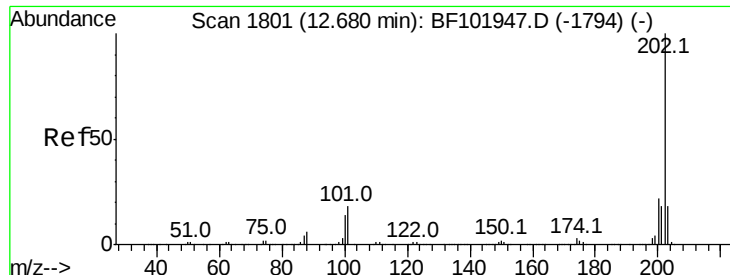


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





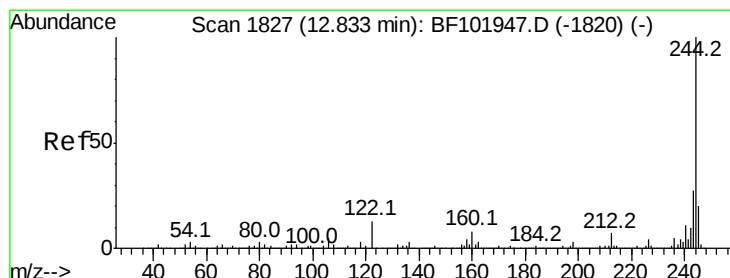
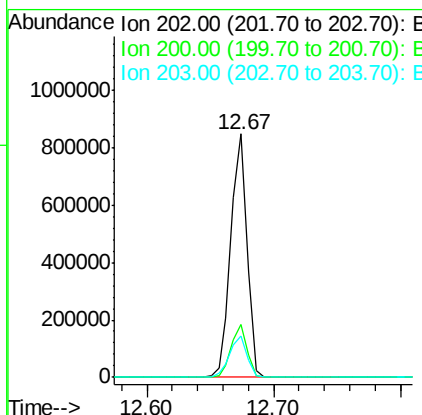
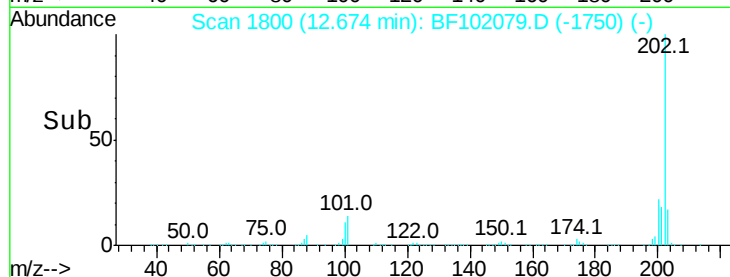
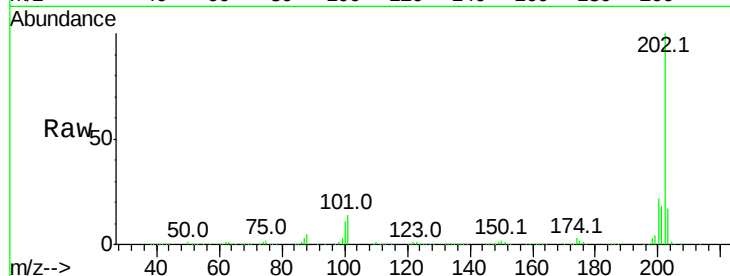
#77
Pvrene
Concen: 29.877 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	747895		
200	21.8		17.4	26.2
203	17.2		14.3	21.5

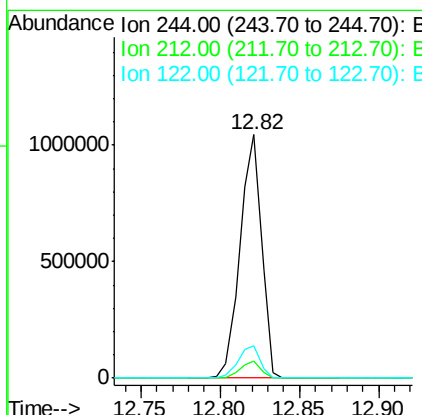
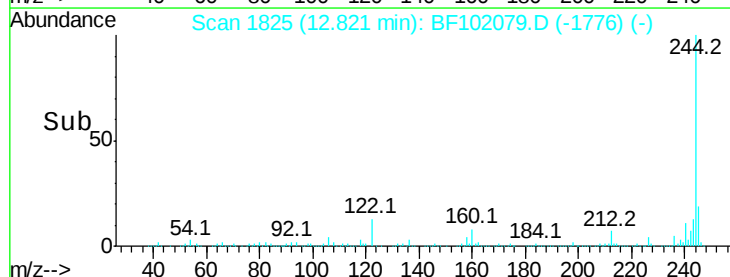
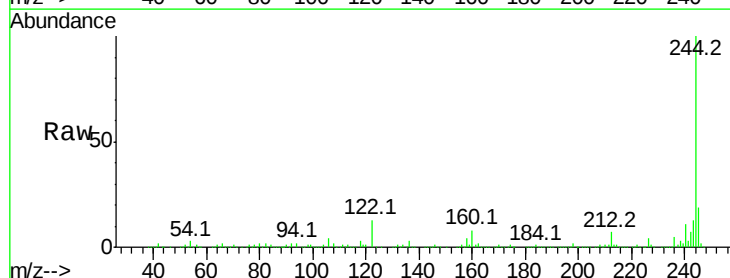
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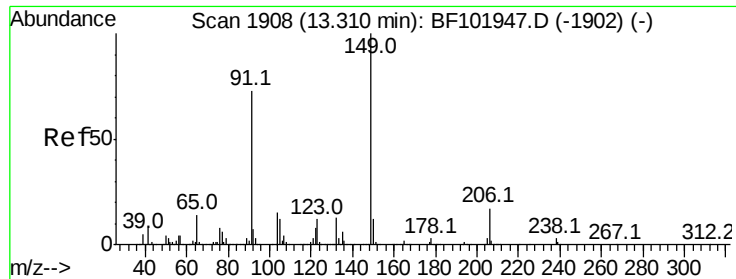
Sohil
1/16/2018 5:01:27 PM



#78
Terphenyl-d14
Concen: 72.044 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	982653		
212	6.8		5.4	8.0
122	13.2		11.0	16.4





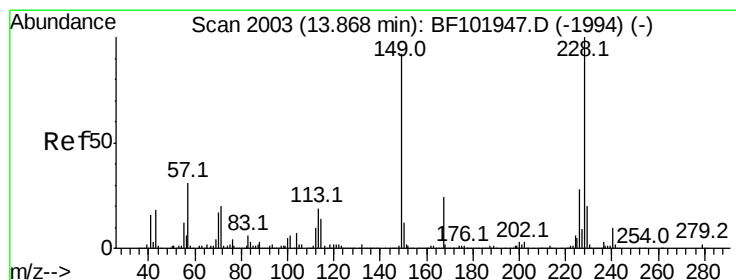
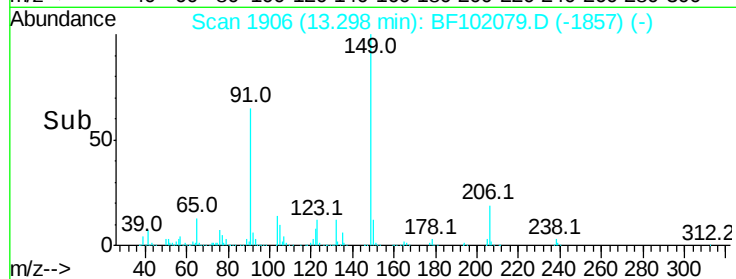
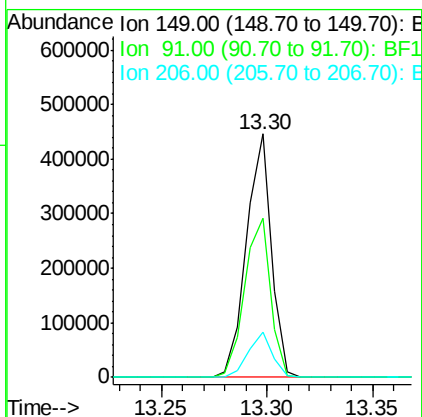
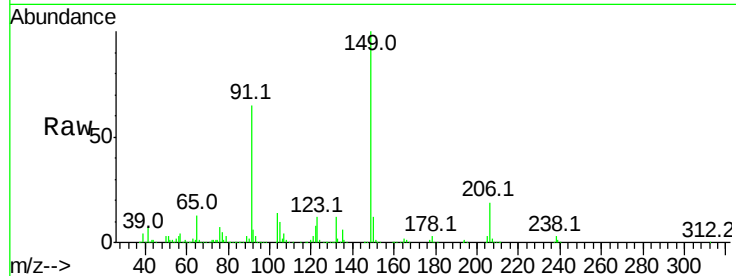
#79
Butylbenzylphthalate
Concen: 31.840 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	65.3	56.8	85.2
206	18.7	14.1	21.1

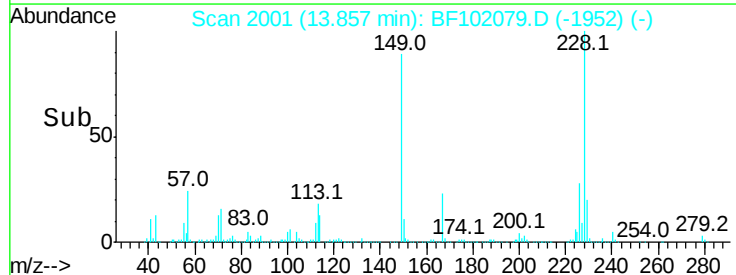
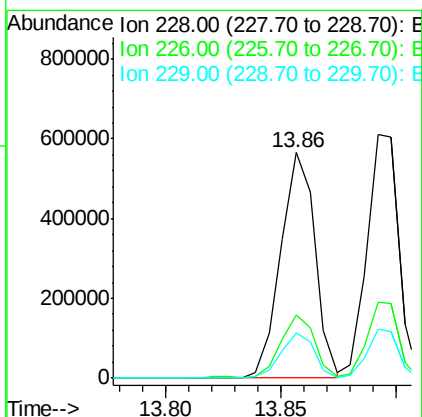
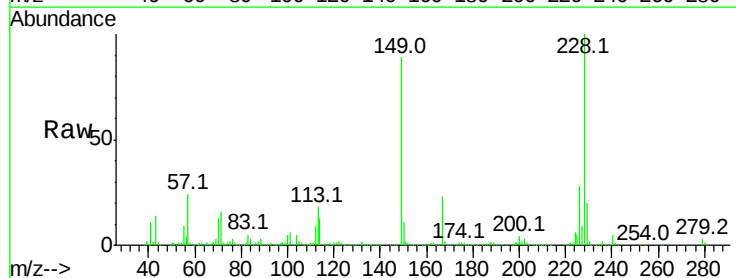
Manual Integrations
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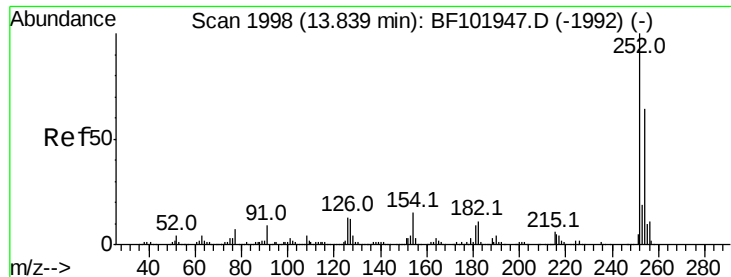
Sohil
1/16/2018 5:01:27 PM



#80
Benzo(a)anthracene
Concen: 32.071 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6





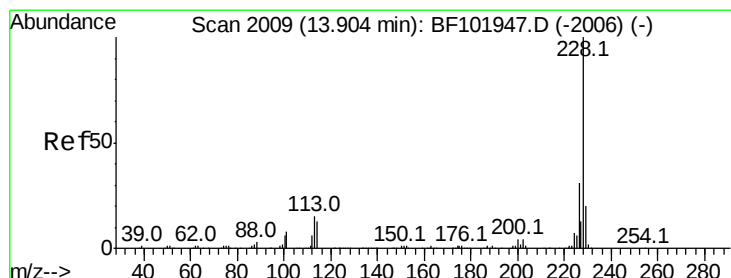
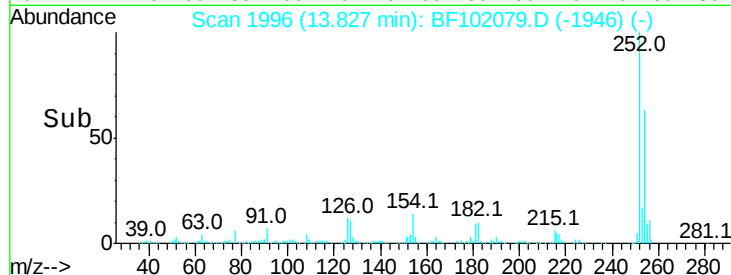
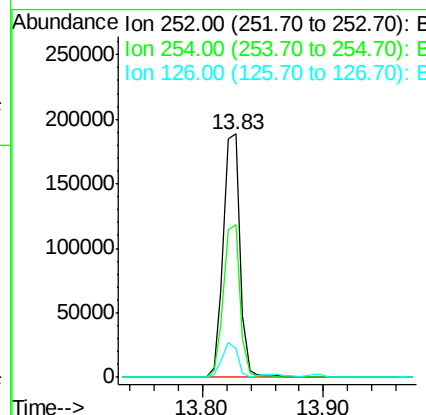
#81
 3,3'-Dichlorobenzidine
 Concen: 26.921 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.9	50.4	75.6
126	11.7	11.3	16.9

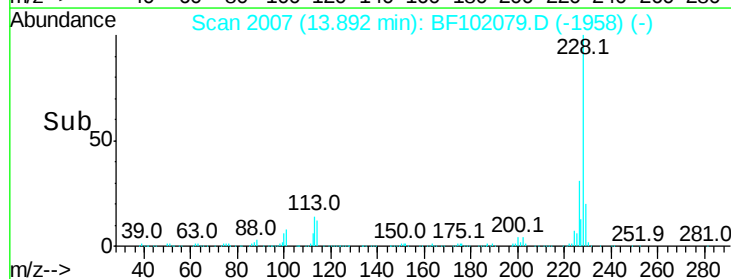
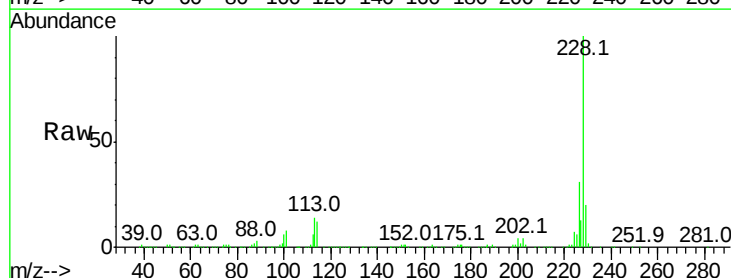
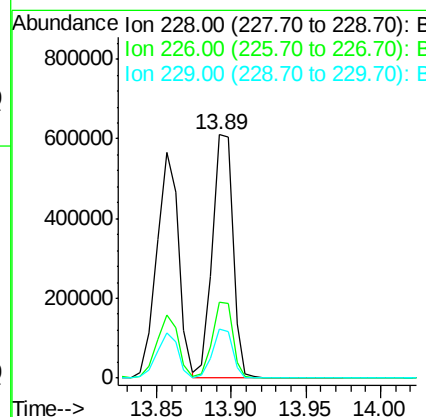
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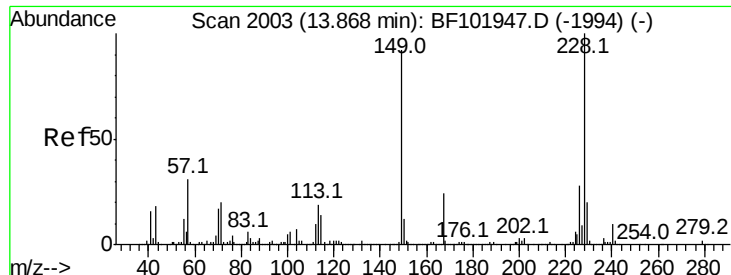
Sohil
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#82
 Chrysene
 Concen: 31.180 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.195 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Instrument :

BNA_F

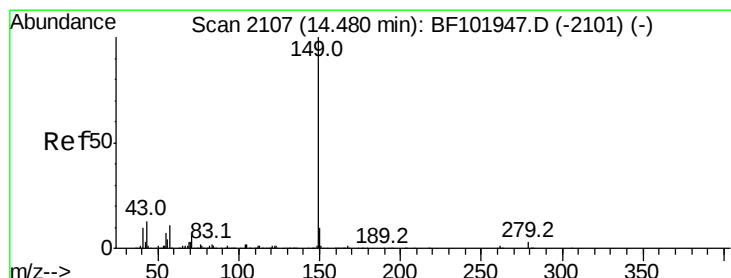
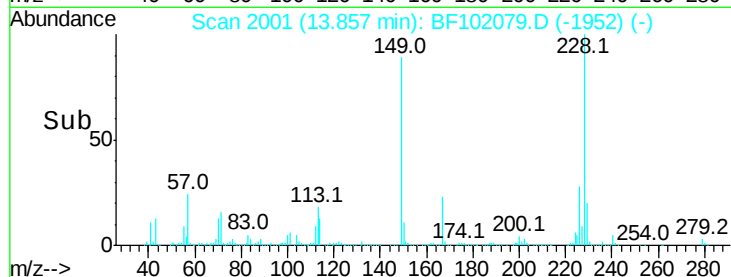
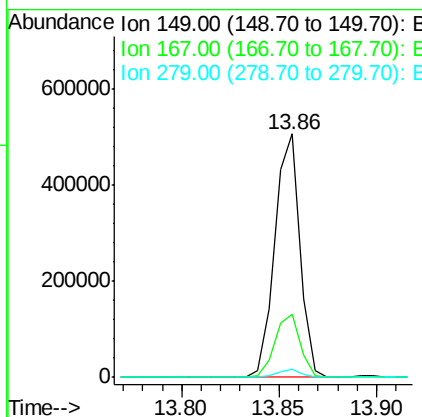
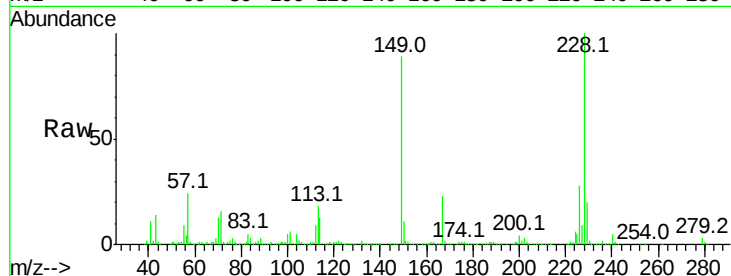
ClientSampleId :

PB105648BSD

Tot Ion:	149	Resp:	450641
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	3.2	3.0	4.4

Manual Integrations
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Sohil
1/16/2018 5:01:27 PM



#84

Di-n-octyl phthalate

Concen: 36.489 ng

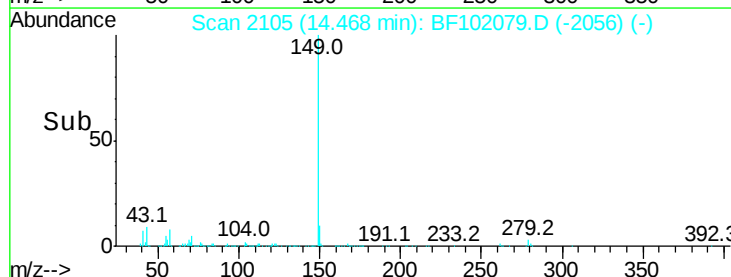
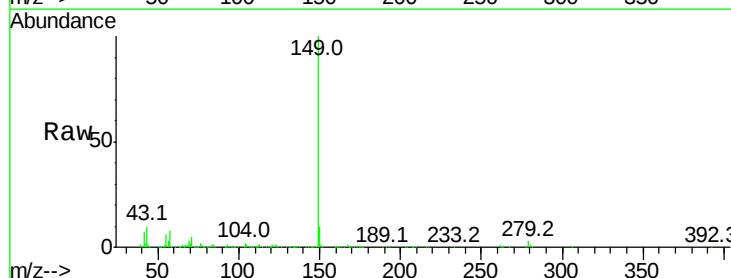
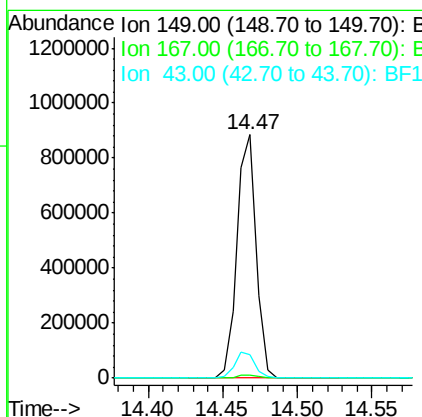
RT: 14.47 min Scan# 2105

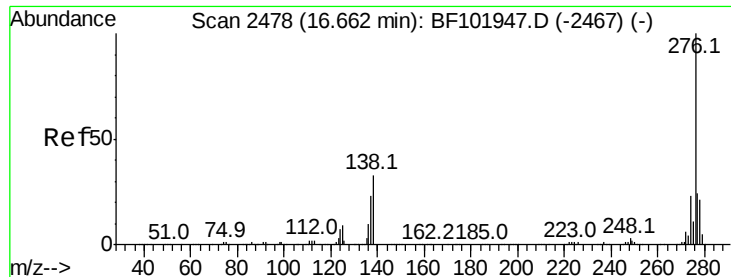
Delta R.T. -0.01 min

Lab File: BF102079.D

Acq: 15 Jan 2018 22:40

Tgt Ion:	149	Resp:	797963
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.8	8.4	12.6





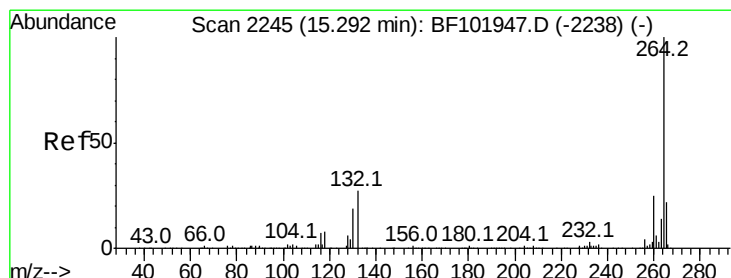
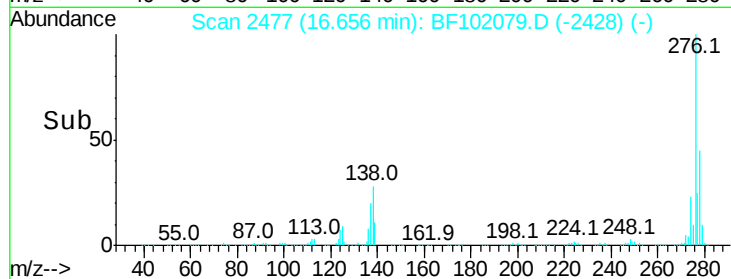
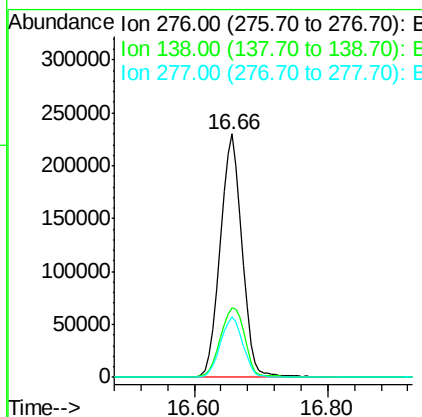
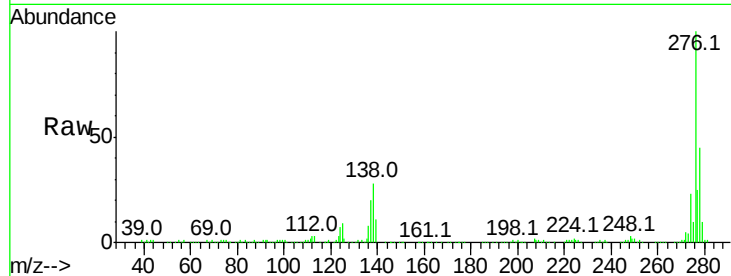
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.941 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	25.6	20.1	30.1

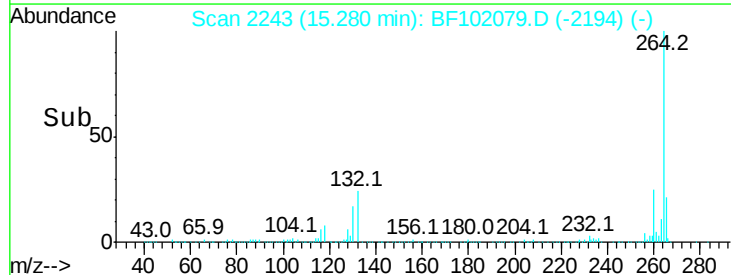
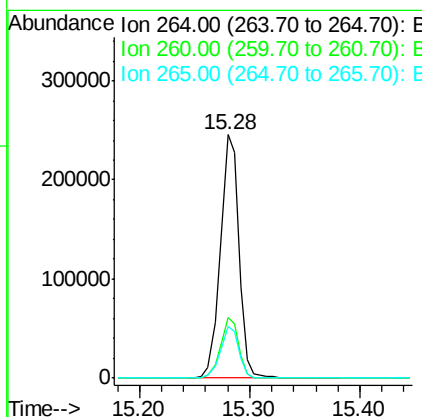
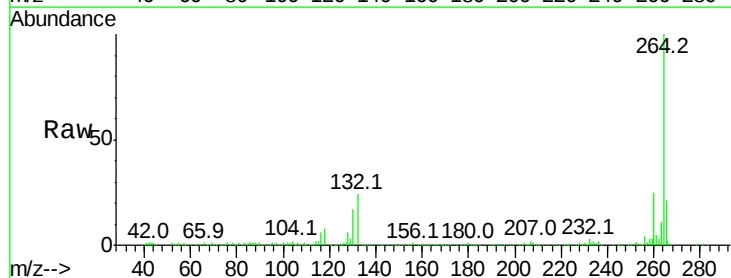
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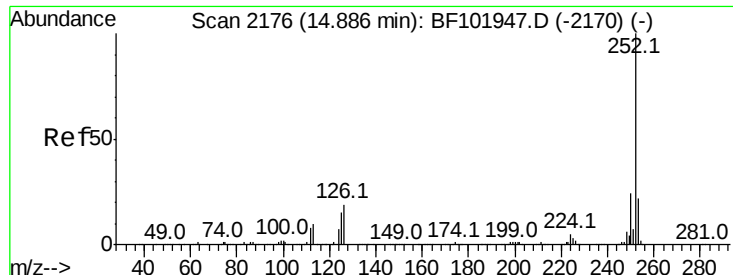
Sohil
1/16/2018 5:01:27 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.2	17.5	26.3





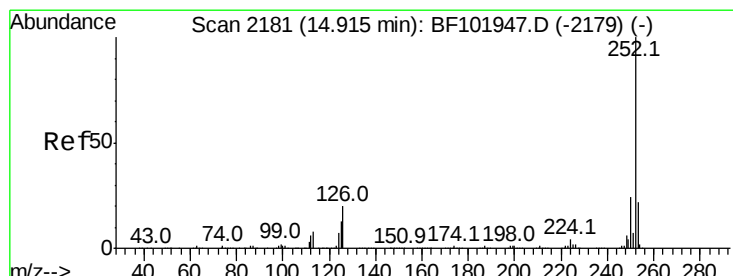
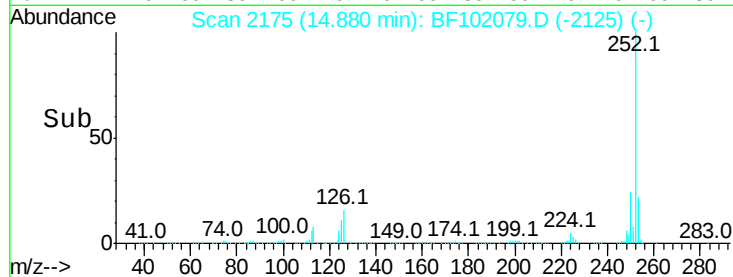
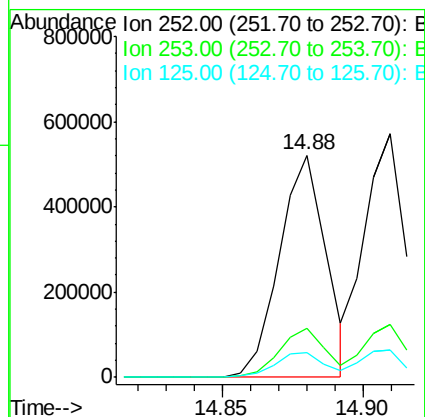
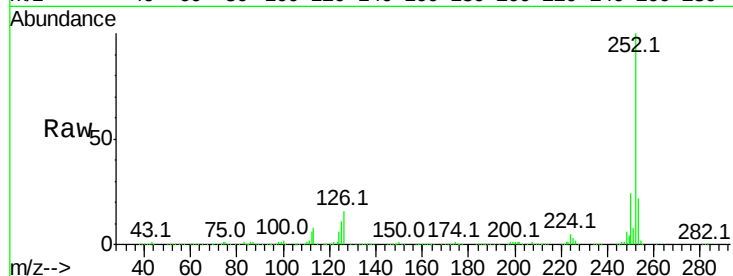
#87
Benzo(b)fluoranthene
Concen: 31.657 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.3	9.0	13.6

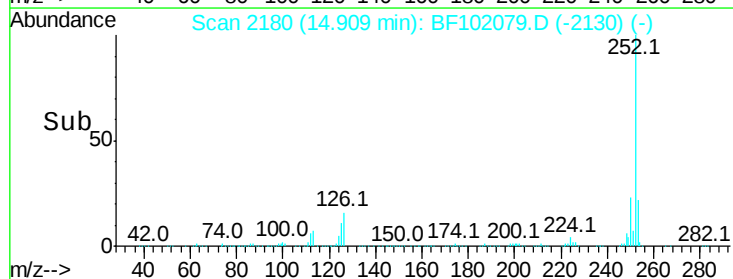
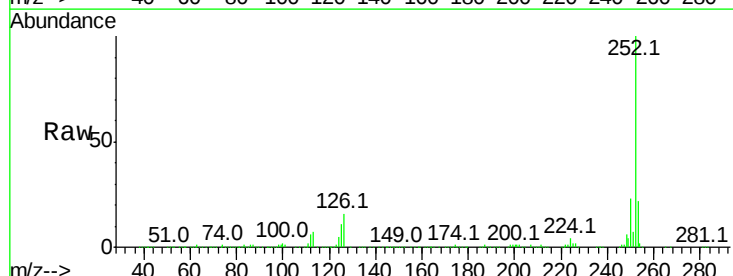
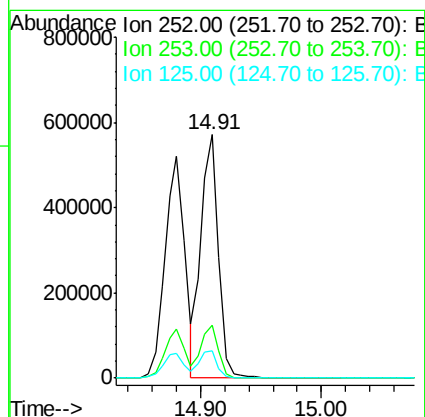
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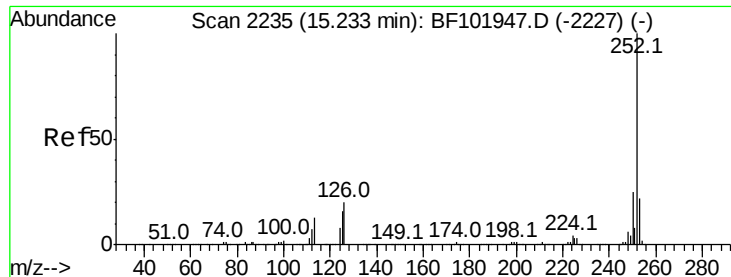
Sohil
1/16/2018 5:01:27 PM



#88
Benzo(k)fluoranthene
Concen: 31.828 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.2	10.2	15.2





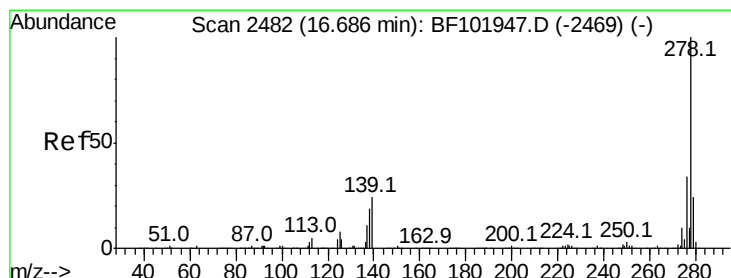
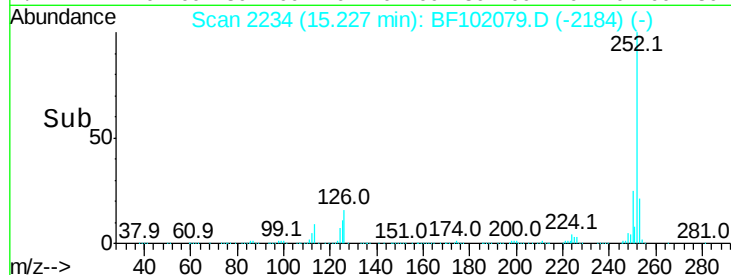
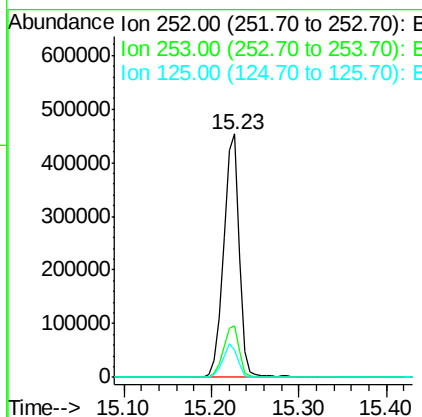
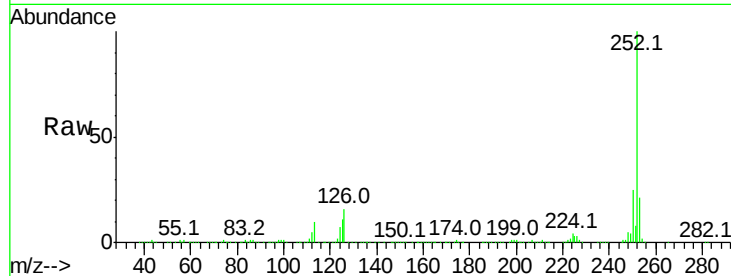
#89
Benzo(a)pyrene
Concen: 33.315 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	11.4	9.8	14.6

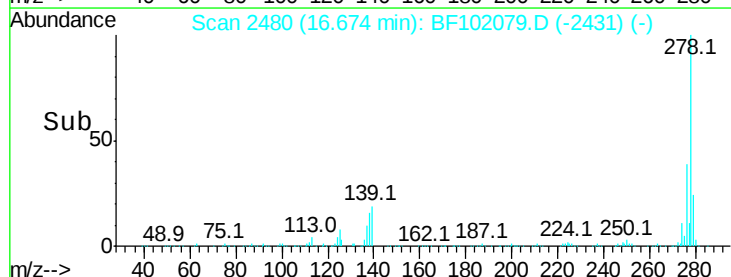
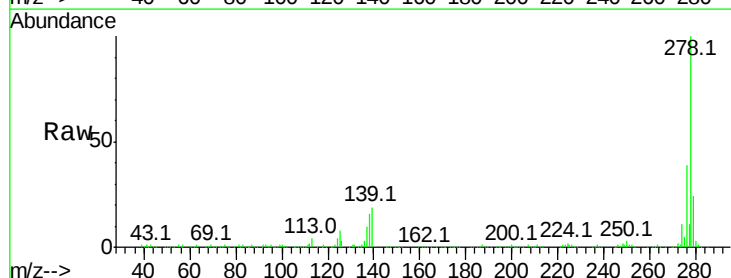
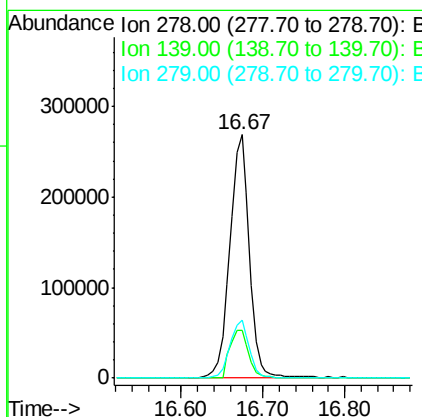
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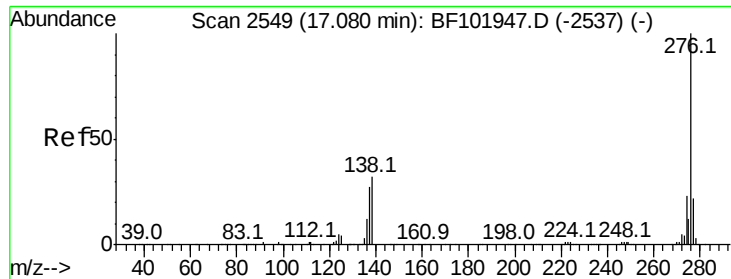
Sohil
1/16/2018 5:01:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.322 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BF102079.D
Acq: 15 Jan 2018 22:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.254 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF102079.D
 Acq: 15 Jan 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BSD

Tot Ion:	276	Resp:	425386
Ion Ratio	Lower	Upper	
276	100		
277	24.8	17.9	26.9
138	28.5	21.8	32.8

Manual Integrations
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Sohil
 1/16/2018 5:01:27 PM

