

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103172.D
 Acq On : 22 Feb 2018 19:42
 Operator : SJ/JU
 Sample : J1396-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Manual Integrations
 APPROVED

Sohil
 2/23/2018 10:20:47 AM

Quant Time: Feb 23 04:11:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	416402	40.00	ng	0.00
21) Naphthalene-d8	8.16	136	1710049	40.00	ng	0.00
38) Acenaphthene-d10	9.92	164	691943	40.00	ng	0.00
63) Phenanthrene-d10	11.40	188	977717	40.00	ng	0.00
75) Chrysene-d12	14.06	240	668953	40.00	ng	0.00
86) Perylene-d12	15.55	264	660600	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1152700	83.74	ng	0.03
7) Phenol-d6	6.52	99	1292869	76.75	ng	0.01
23) Nitrobenzene-d5	7.44	82	990411	66.15	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	249802	85.30	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1474294	61.50	ng	0.00
78) Terphenyl-d14	12.99	244	966529	69.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	200624	27.594	ng	89
3) Pyridine	3.56	79	464479	23.929	ng	94
4) n-Nitrosodimethylamine	3.50	42	271495	34.681	ng	99
6) Aniline	6.54	93	148468	6.107	ng	# 81
8) 2-Chlorophenol	6.66	128	471801	32.992	ng	93
9) Benzaldehyde	6.43	77	308870	24.533	ng	98
10) Phenol	6.53	94	517597	26.469	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	493478	33.249	ng	93
12) 1,3-Dichlorobenzene	6.82	146	493038	30.169	ng	99
13) 1,4-Dichlorobenzene	6.89	146	492124	30.036	ng	99
14) 1,2-Dichlorobenzene	7.05	146	460479	30.479	ng	99
15) Benzyl Alcohol	7.02	79	400505	31.552	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	820812	32.206	ng	96
17) 2-Methylphenol	7.13	107	406894	31.309	ng	98
18) Hexachloroethane	7.38	117	165562	27.757	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	326838	31.176	ng	98
20) 3+4-Methylphenols	7.28	107	466651	29.457	ng	# 60
22) Acetophenone	7.28	105	639457	32.041	ng	# 90
24) Nitrobenzene	7.46	77	536941	32.573	ng	98
25) Isophorone	7.70	82	1004750	34.074	ng	99
26) 2-Nitrophenol	7.77	139	259846	33.485	ng	97
27) 2,4-Dimethylphenol	7.81	122	440959	37.175	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	624624	36.029	ng	100
29) 2,4-Dichlorophenol	8.02	162	397561	35.008	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	391520	32.375	ng	100
31) Naphthalene	8.18	128	1331206	31.801	ng	99
32) Benzoic acid	7.93	122	178299	31.170	ng	99
33) 4-Chloroaniline	8.23	127	62092	3.437	ng	97
34) Hexachlorobutadiene	8.29	225	195426	31.032	ng	99
35) Caprolactam	8.60	113	105508m	26.435	ng	
36) 4-Chloro-3-methylphenol	8.72	107	434531	33.924	ng	99
37) 2-Methylnaphthalene	8.87	142	886382	32.764	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	338998	35.842	ng	99
40) Hexachlorocyclopentadiene	9.02	237	30458	25.885	ng	99

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Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	240334	37.764	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	254699	34.796	nq	98
45) 1,1'-Biphenyl	9.33	154	1001397	34.542	nq	99
46) 2-Chloronaphthalene	9.36	162	800568	34.905	nq	99
47) 2-Nitroaniline	9.46	65	307917	36.244	nq	89
48) Acenaphthylene	9.78	152	1164607	33.002	nq	100
49) Dimethylphthalate	9.63	163	994350	35.827	nq	100
50) 2,6-Dinitrotoluene	9.70	165	205133	35.220	nq	96
51) Acenaphthene	9.95	154	674216	32.765	nq	100
52) 3-Nitroaniline	9.87	138	87209	11.802	nq	99
53) 2,4-Dinitrophenol	9.99	184	18476	26.968	nq #	19
54) Dibenzofuran	10.12	168	1003621	35.530	nq	98
55) 4-Nitrophenol	10.04	139	241460	52.723	nq	91
56) 2,4-Dinitrotoluene	10.11	165	247077	33.542	nq	95
57) Fluorene	10.46	166	749659	31.154	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	169446	34.460	nq	99
59) Diethylphthalate	10.33	149	927878	34.955	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	349263	34.227	nq	99
61) 4-Nitroaniline	10.49	138	210563	28.529	nq	93
62) Azobenzene	10.62	77	899574	33.293	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	18005	15.320	nq #	82
65) n-Nitrosodiphenylamine	10.57	169	695538	40.863	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	202543	39.773	nq	91
67) Hexachlorobenzene	11.02	284	204103	36.926	nq	90
68) Atrazine	11.10	200	197212	38.547	nq	99
69) Pentachlorophenol	11.21	266	151001	56.500	nq	99
70) Phenanthrene	11.43	178	914546	33.994	nq	99
71) Anthracene	11.48	178	964680	34.968	nq	99
72) Carbazole	11.63	167	883944	32.175	nq	99
73) Di-n-butylphthalate	11.96	149	1238839	36.037	nq	99
74) Fluoranthene	12.62	202	816103	30.187	nq	99
76) Benzidine	12.74	184	298206	23.848	nq	97
77) Pyrene	12.85	202	829756	31.818	nq	99
79) Butylbenzylphthalate	13.46	149	444915	32.292	nq	97
80) Benzo(a)anthracene	14.04	228	753693	34.729	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	174863	22.578	nq	99
82) Chrysene	14.08	228	712590	33.817	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	607041	32.649	nq #	99
84) Di-n-octyl phthalate	14.63	149	1081424	35.999	nq	98
85) Indeno(1,2,3-cd)pyrene	17.06	276	567586	34.023	nq	97
87) Benzo(b)fluoranthene	15.11	252	752222	34.638	nq	99
88) Benzo(k)fluoranthene	15.14	252	692945	33.885	nq	99
89) Benzo(a)pyrene	15.48	252	658573	33.959	nq #	96
90) Dibenzo(a,h)anthracene	17.07	278	487736	32.547	nq	98
91) Benzo(g,h,i)perylene	17.52	276	458974	31.338	nq	99

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

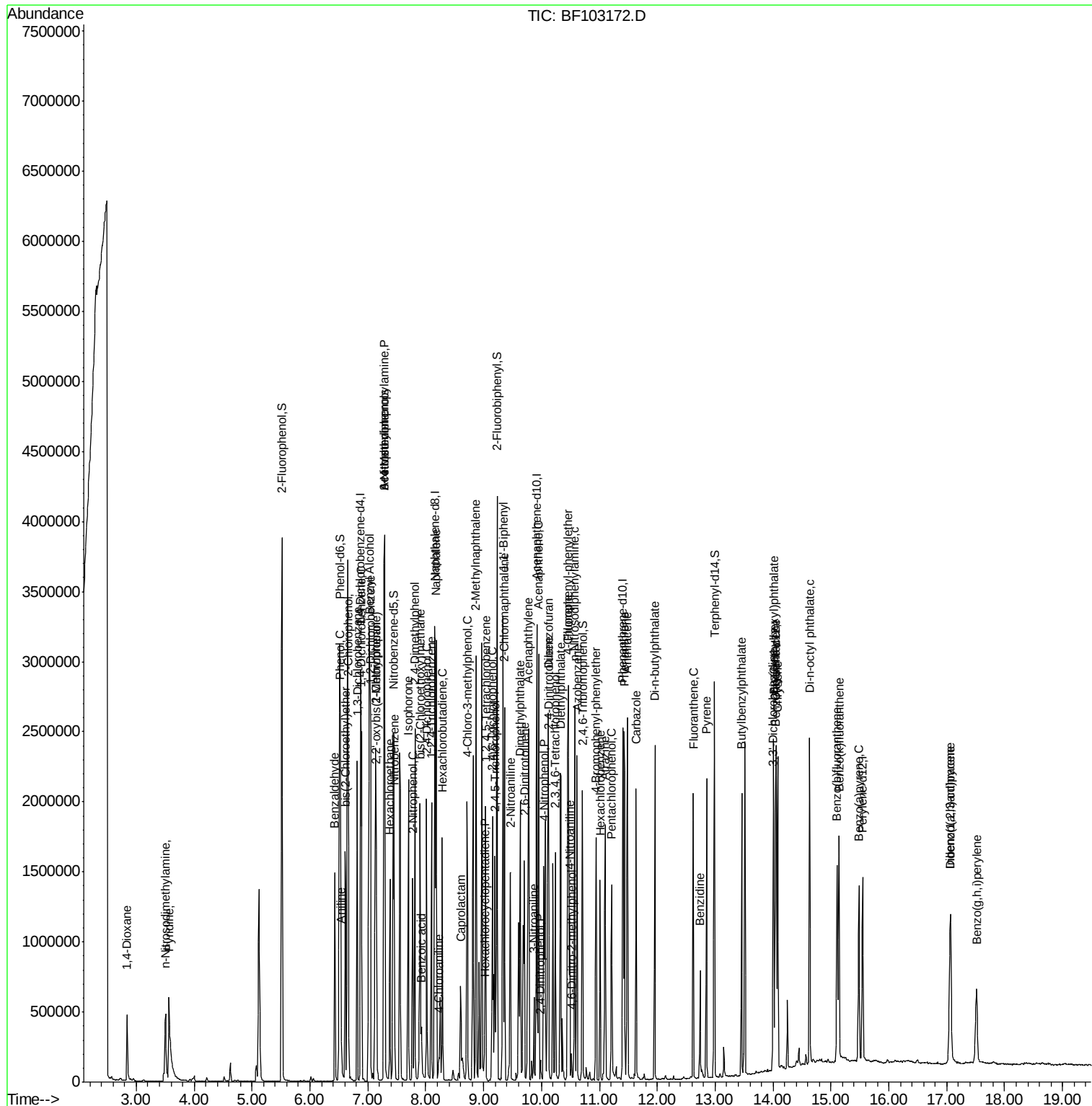
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Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\  
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Operator  : SJ/JU  
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Misc      :  
ALS Vial  : 11      Sample Multiplier: 2
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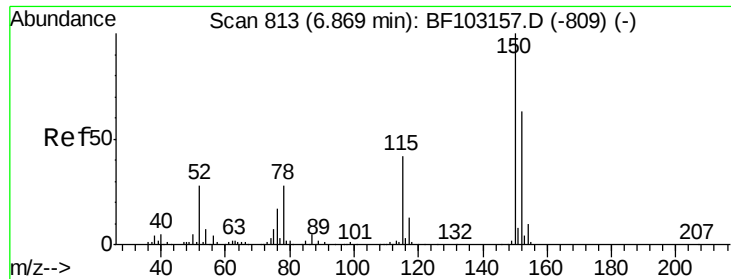
Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

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2/23/2018 10:20:47 AM

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#1

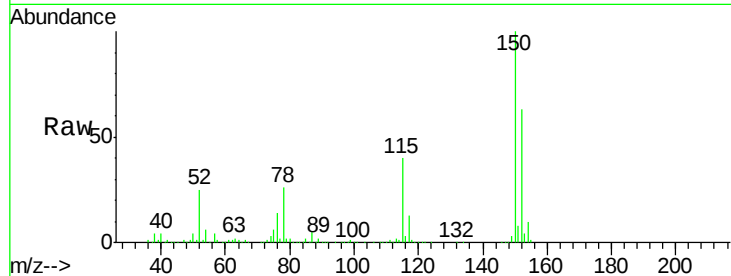
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	63.6	50.1	75.1

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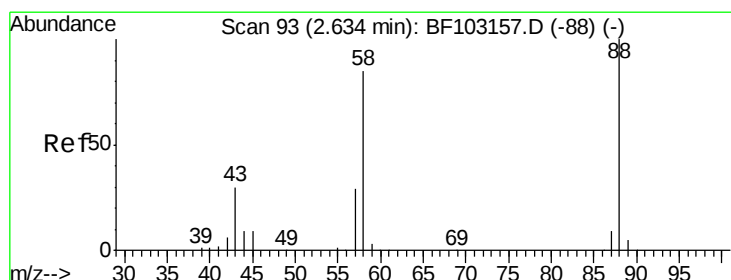
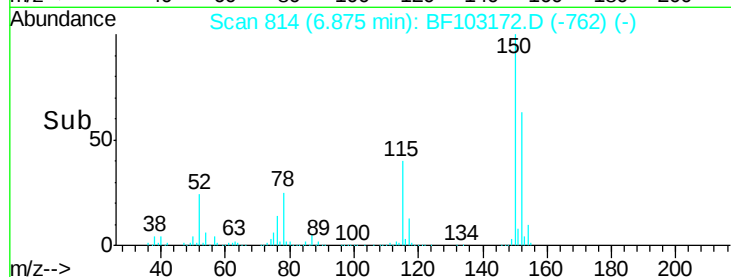
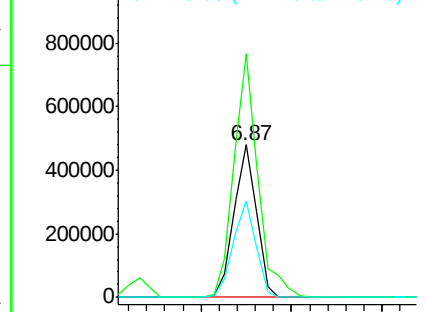


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

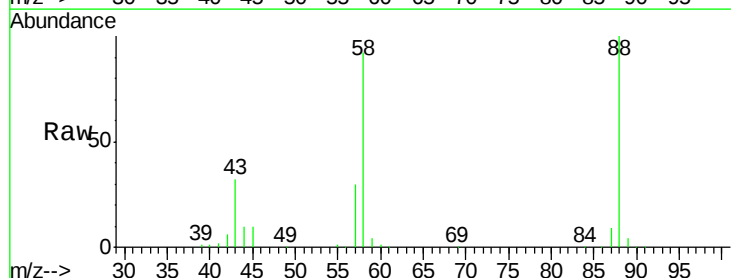
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.594 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.21 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	62.6	93.8
43	29.9	24.6	37.0

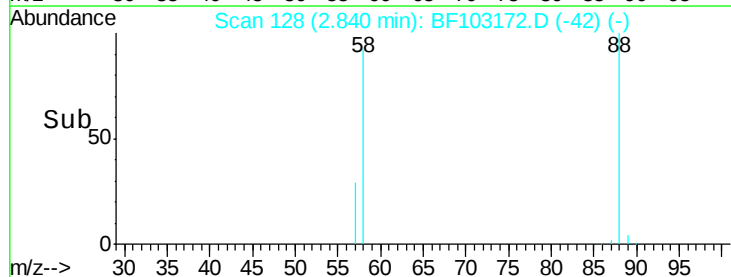
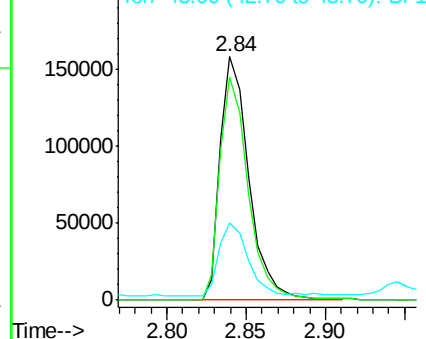


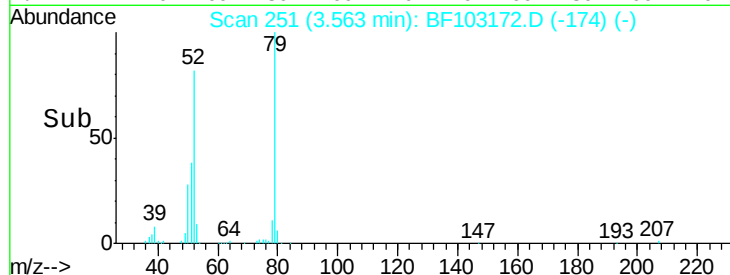
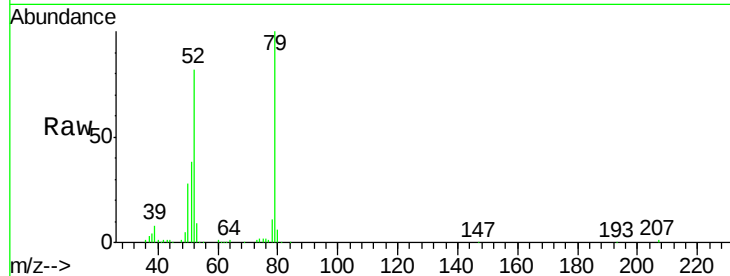
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





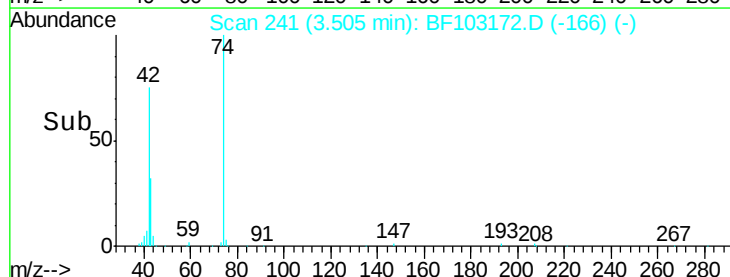
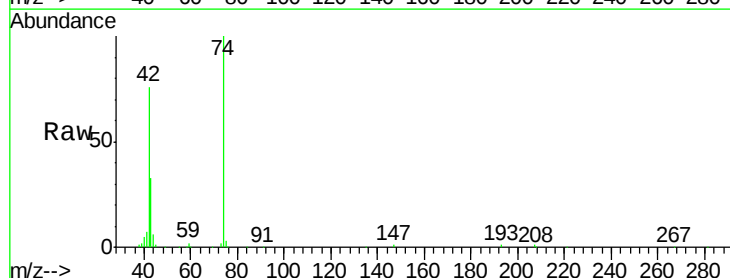
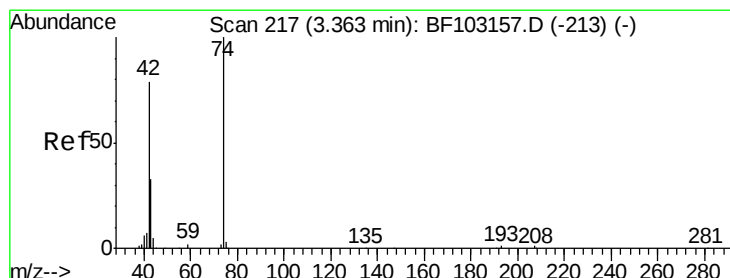
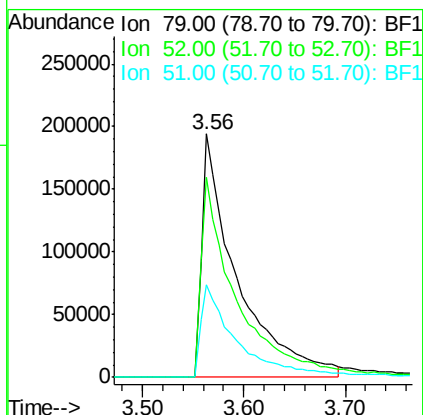
#3
 Pvridine
 Concen: 23.929 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.15 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tot Ion:	79	Resp:	464479
Ion Ratio	Lower	Upper	
79	100		
52	82.3	59.8	89.6
51	38.1	29.8	44.8

Instrument :
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 ClientSampleId :
 HD-01-022118MS

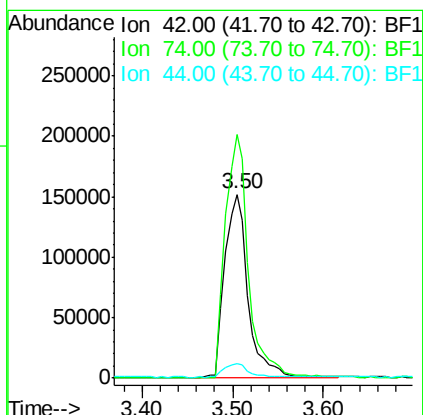
Manual Integrations
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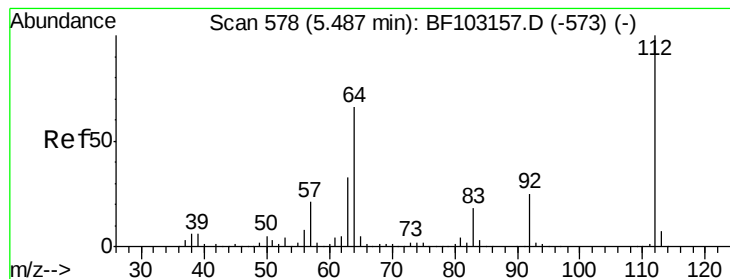
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#4
 n-Nitrosodimethylamine
 Concen: 34.681 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.14 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion:	42	Resp:	271495
Ion Ratio	Lower	Upper	
42	100		
74	132.4	104.9	157.3
44	7.8	6.9	10.3





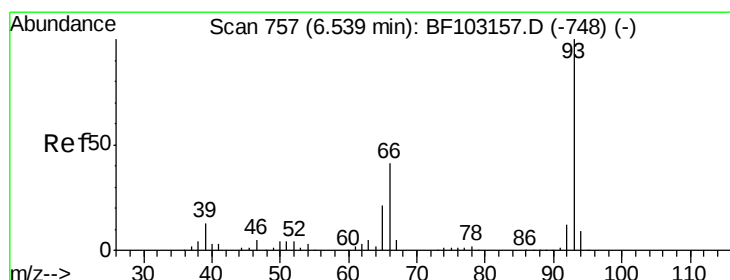
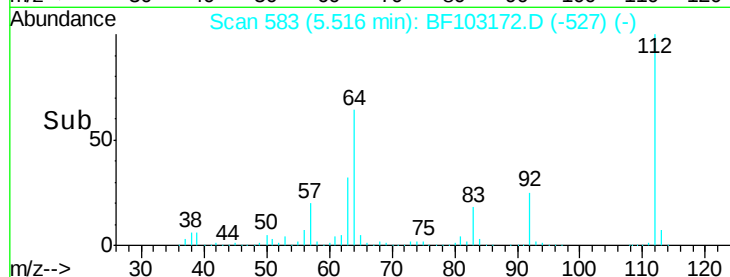
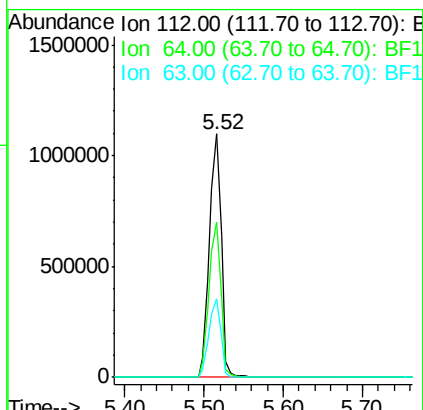
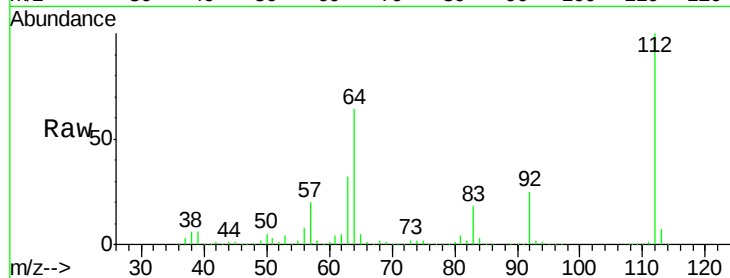
#5
2-Fluorophenol
Concen: 83.735 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.03 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	32.5	23.7	35.5

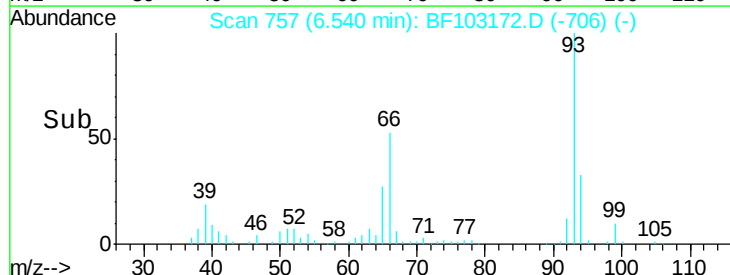
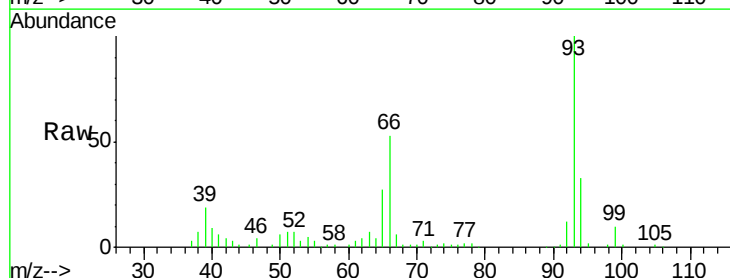
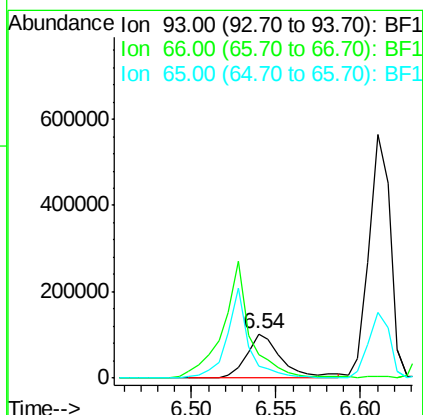
Manual Integrations
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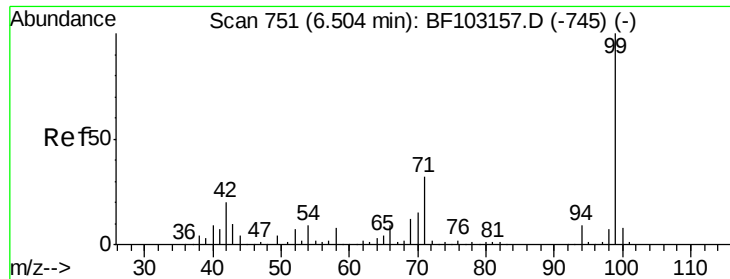
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#6
Aniline
Concen: 6.107 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
93	100		
66	53.0	32.2	48.2#
65	27.3	16.4	24.6#





#7

Phenol-d6

Concen: 76.752 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

HD-01-022118MS

Tot Ion: 99 Resp: 1292869

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

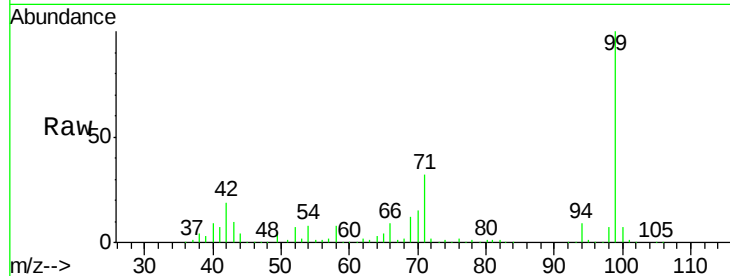
71 32.1 25.4 38.0

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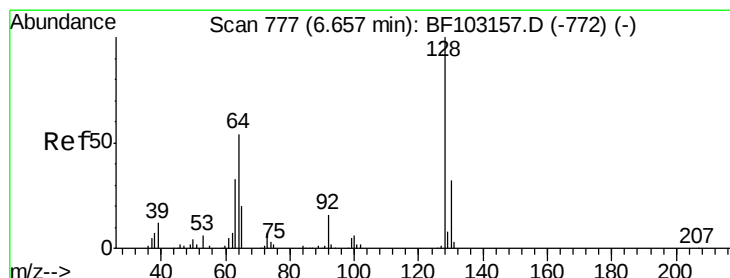
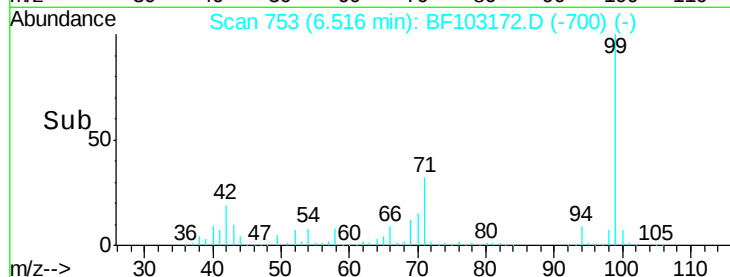
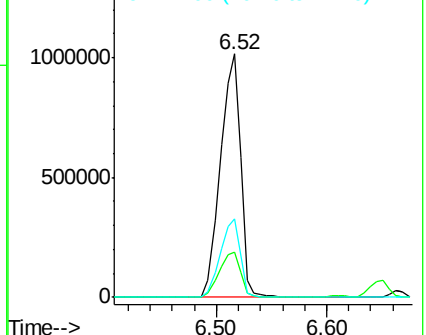
2/23/2018 10:20:47 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.992 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

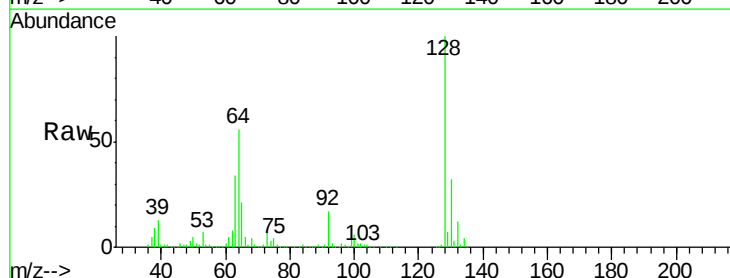
Tgt Ion: 128 Resp: 471801

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

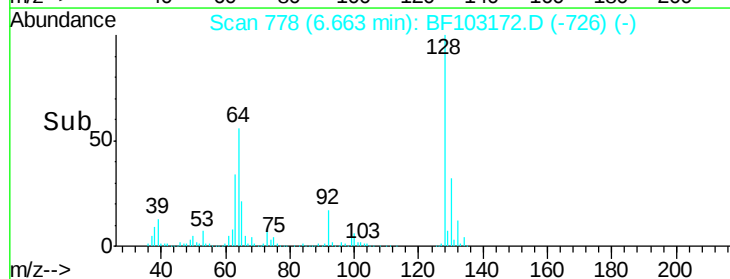
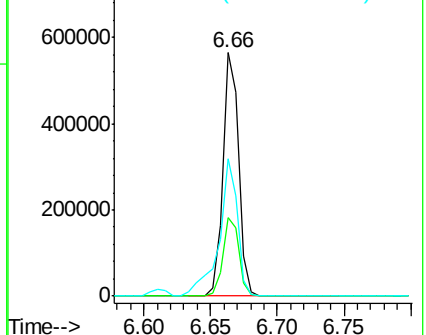
64 56.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.533 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

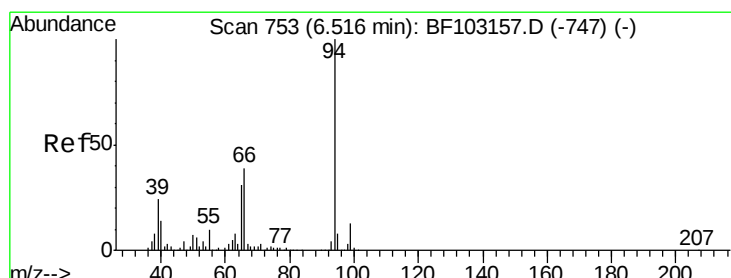
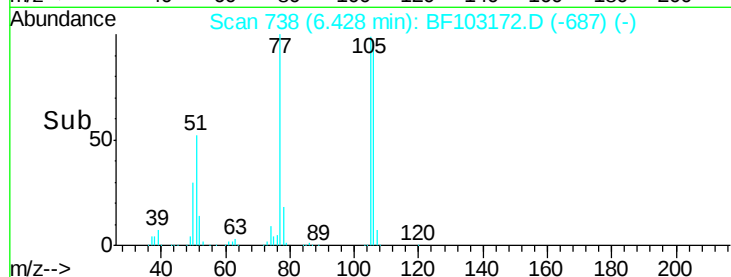
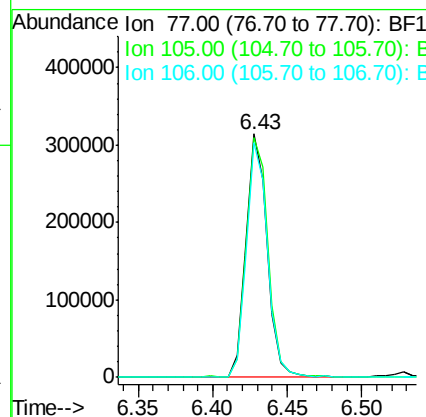
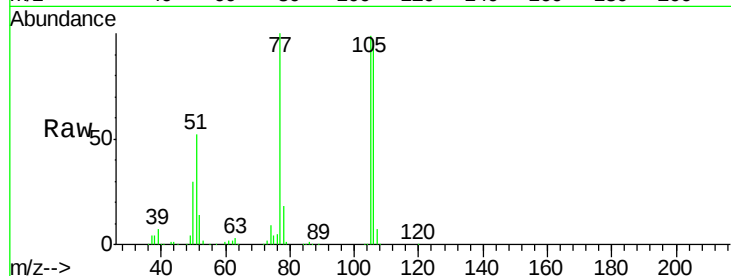
ClientSampleId :

HD-01-022118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.7	81.1	121.1		
106	96.6	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 26.469 ng

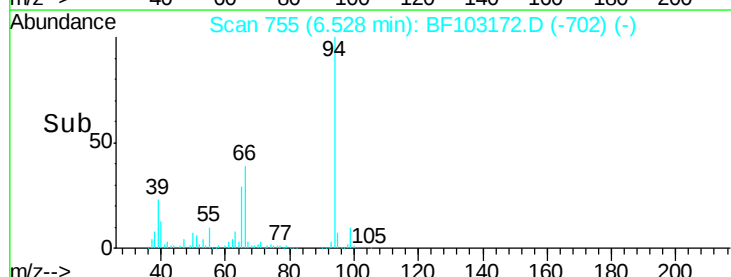
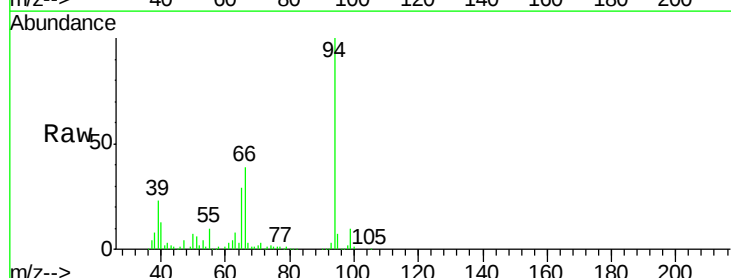
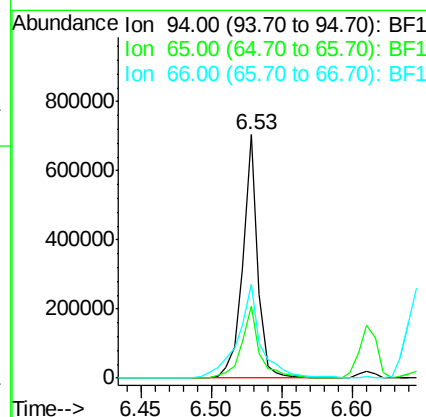
RT: 6.53 min Scan# 755

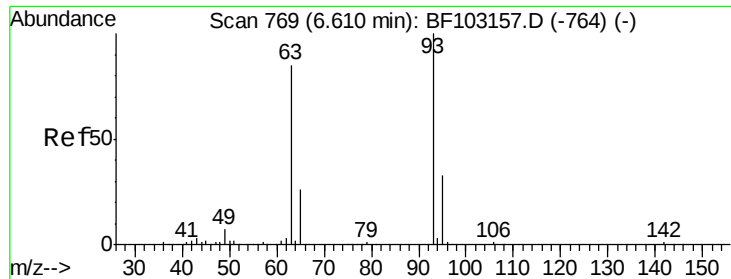
Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.4	7.9	47.9		
66	38.5	16.2	56.2		





#11

bis(2-Chloroethyl)ether

Concen: 33.249 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

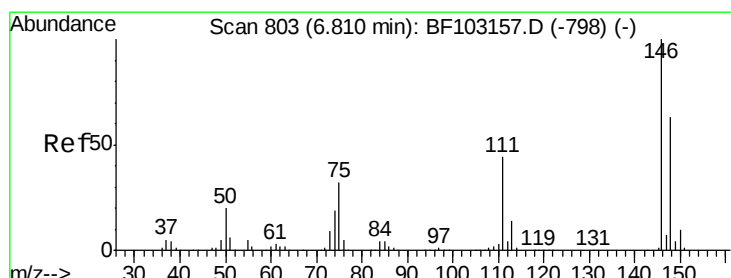
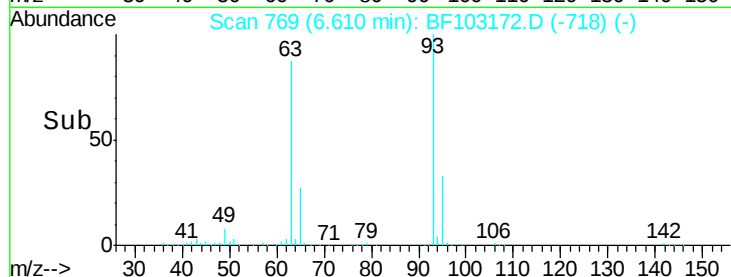
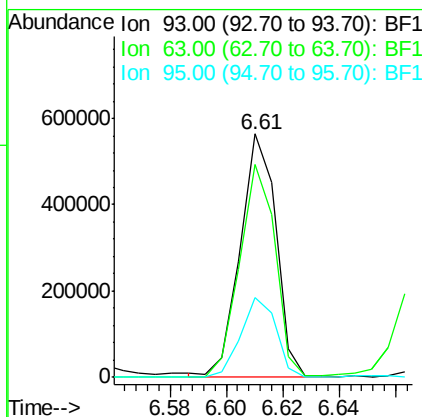
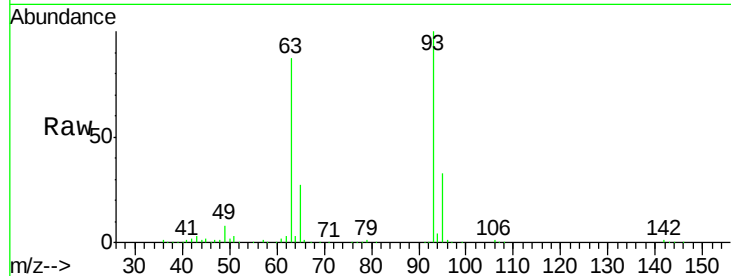
ClientSampleId :

HD-01-022118MS

Tot Ion:	93	Resp:	493478
Ion	Ratio	Lower	Upper
93	100		
63	87.3	58.6	98.6
95	32.5	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 30.169 ng

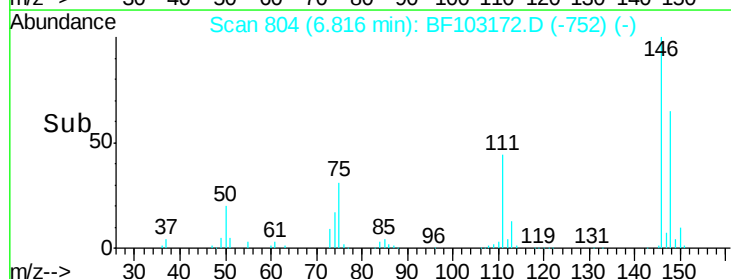
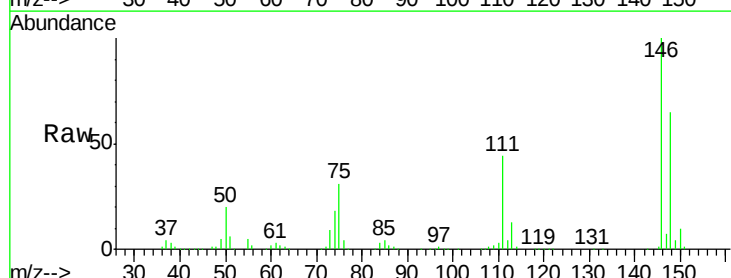
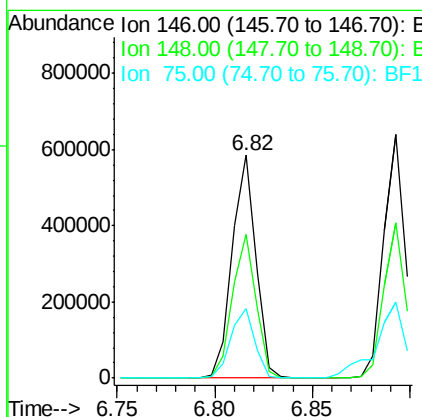
RT: 6.82 min Scan# 804

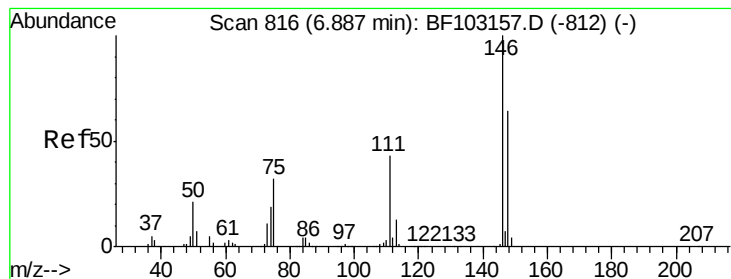
Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:	146	Resp:	493038
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	31.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.036 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

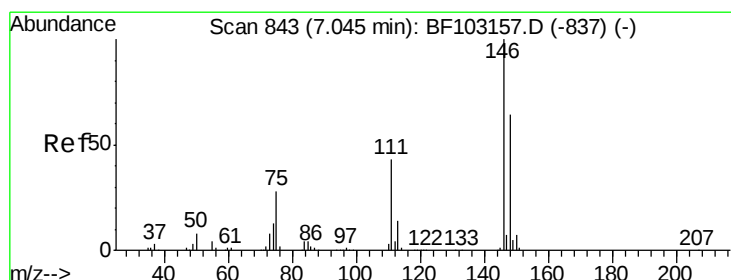
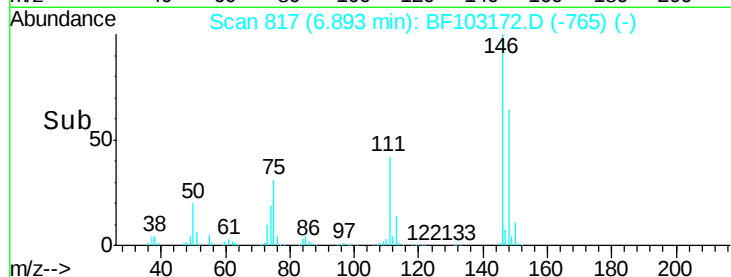
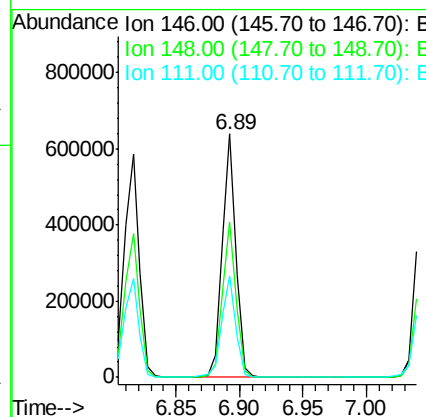
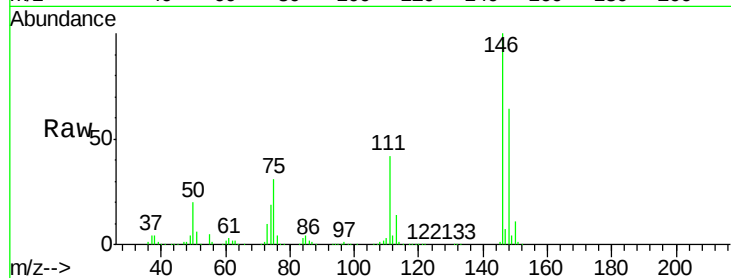
ClientSampleId :

HD-01-022118MS

Tot Ion:	146	Resp:	492124
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	41.9	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 30.479 ng

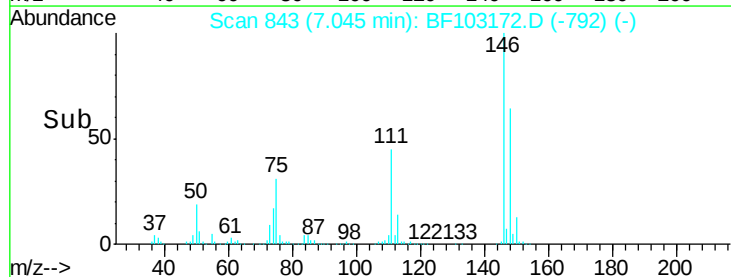
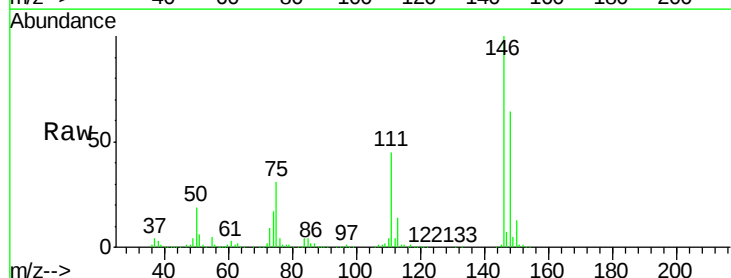
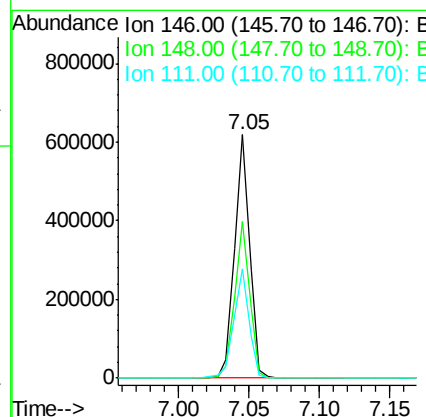
RT: 7.05 min Scan# 843

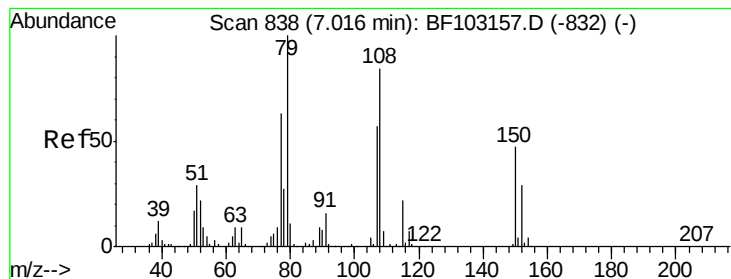
Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:	146	Resp:	460479
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	44.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.552 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

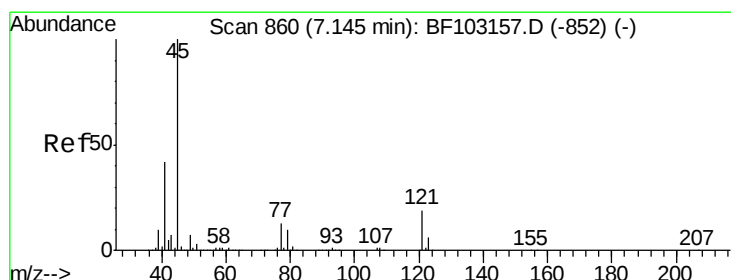
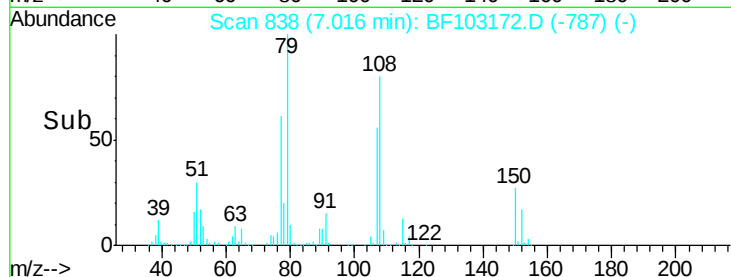
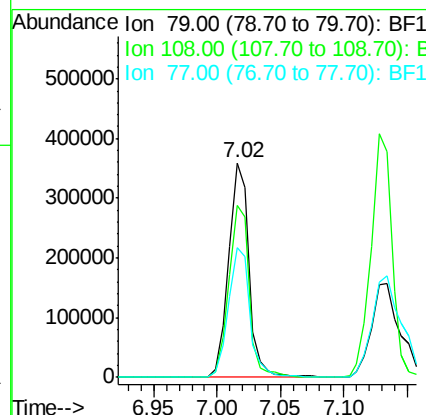
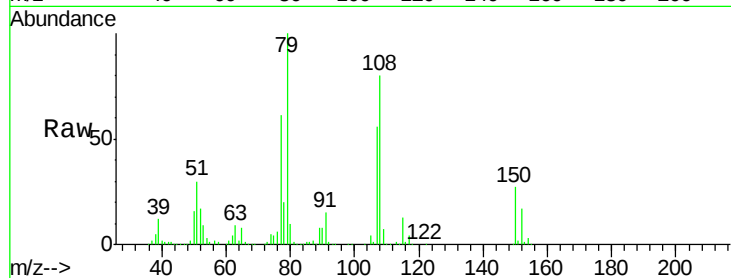
HD-01-022118MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	80.2	65.1	97.7	
77	60.7	50.6	75.8	

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.206 ng

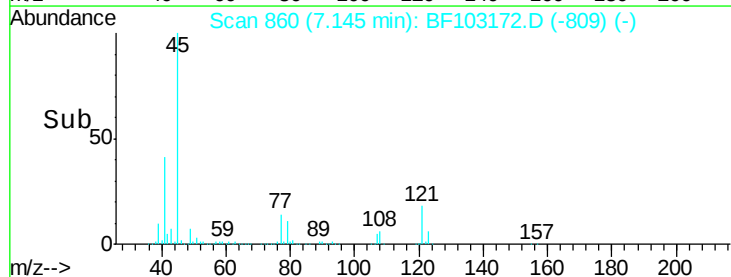
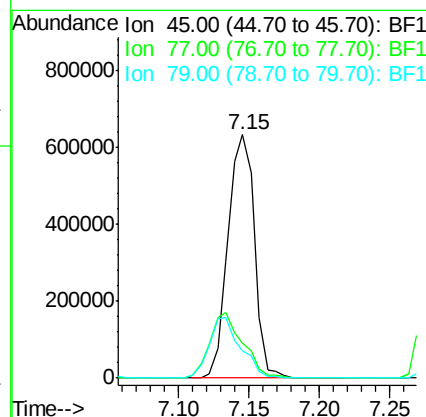
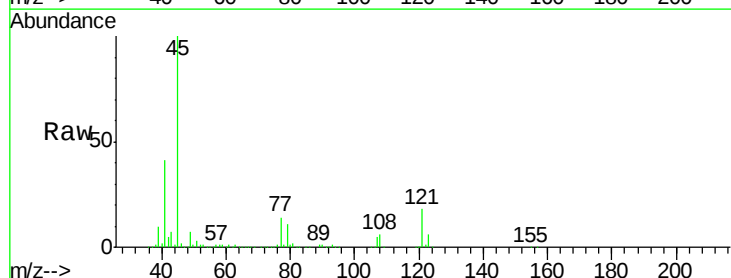
RT: 7.15 min Scan# 860

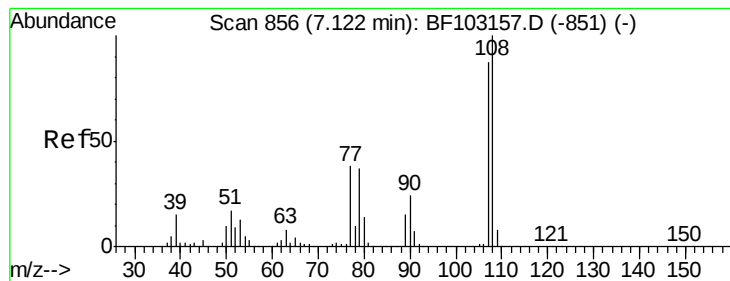
Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	14.2	0.0	32.9	
79	11.1	0.0	29.6	





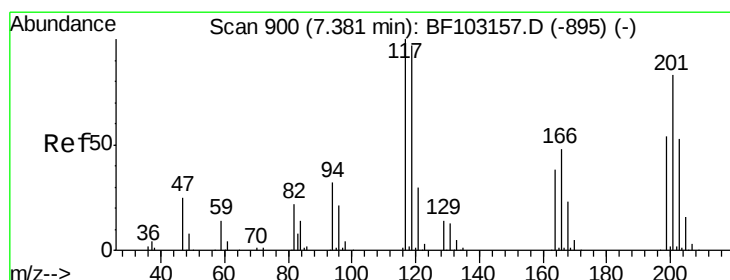
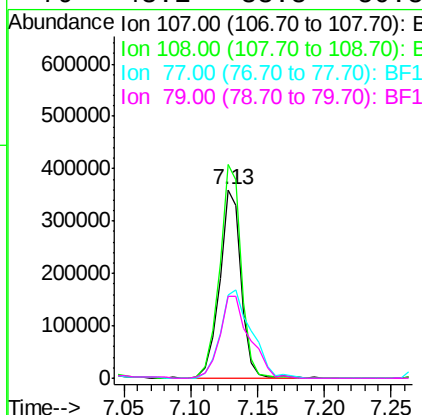
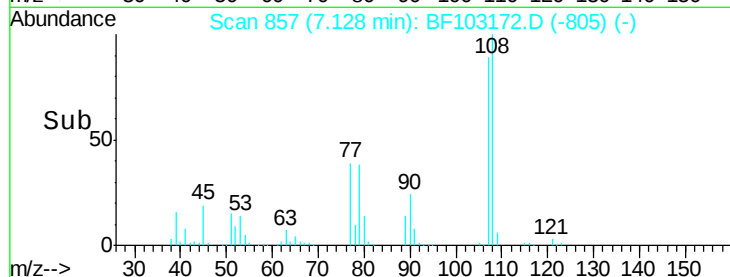
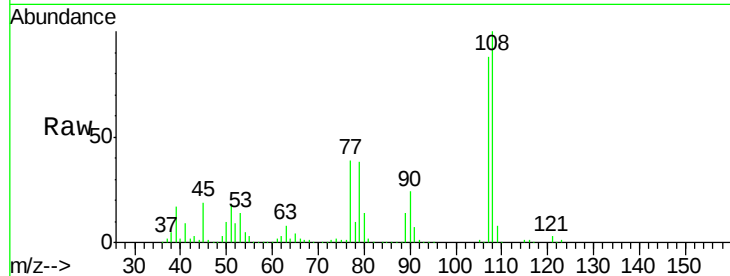
#17
2-Methylphenol
Concen: 31.309 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.2	91.7	406894	137.5	
77	44.1	33.8		50.8	
79	43.1	33.8		50.8	

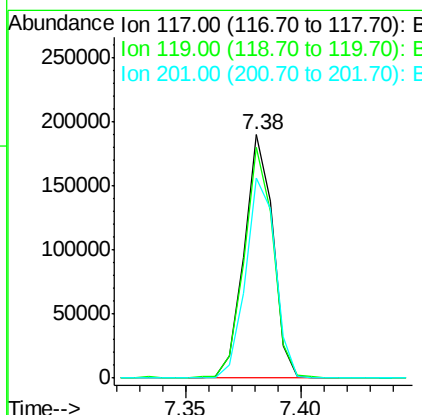
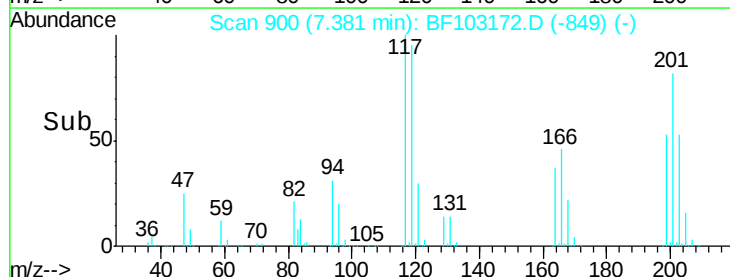
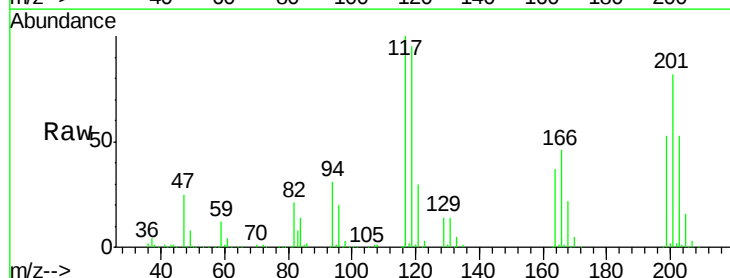
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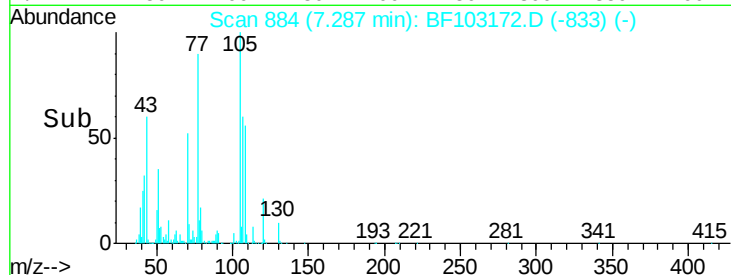
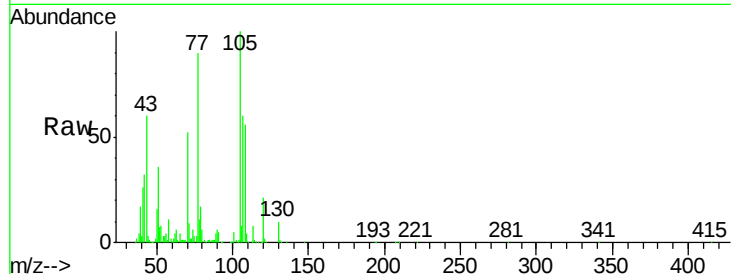
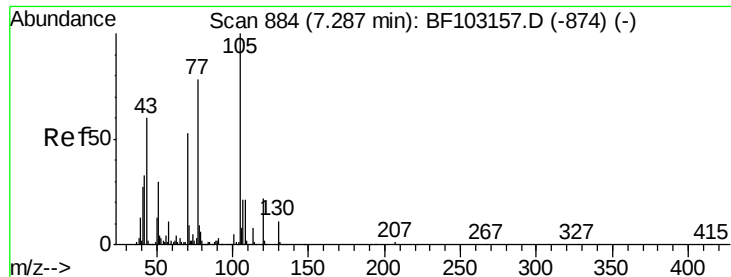
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#18
Hexachloroethane
Concen: 27.757 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		165562		
119	94.9	75.8		113.8	
201	82.3	75.7		113.5	





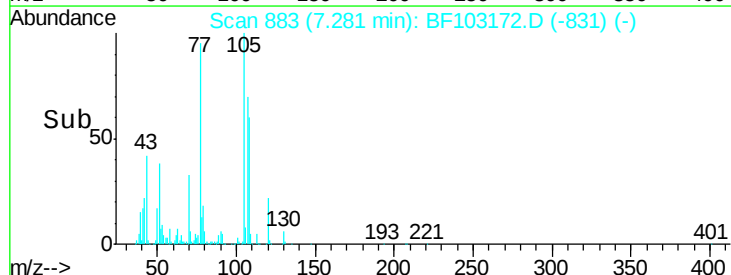
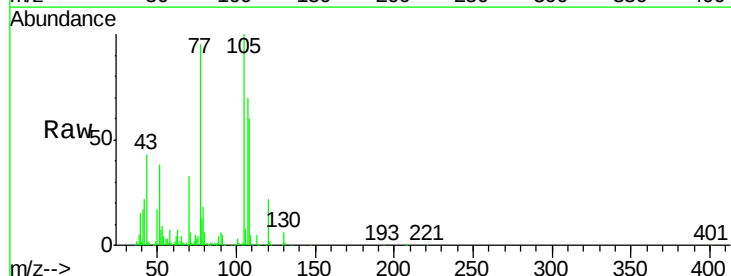
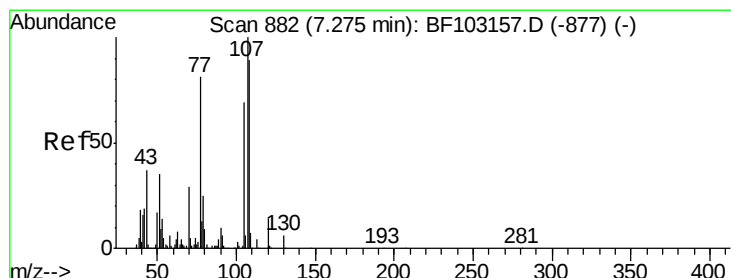
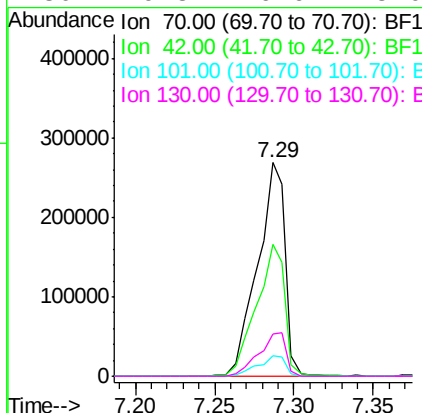
#19
n-Nitroso-di-n-propylamine
Concen: 31.176 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	47.5	71.3	
101	9.5	7.4	11.2	
130	19.8	16.6	25.0	

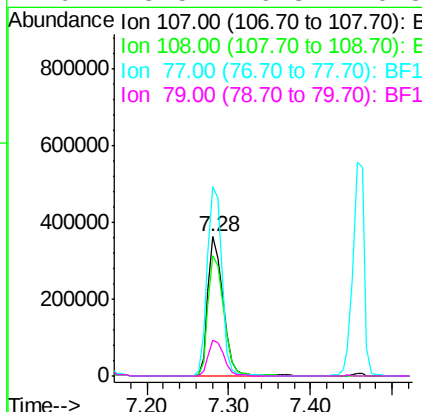
Manual Integrations
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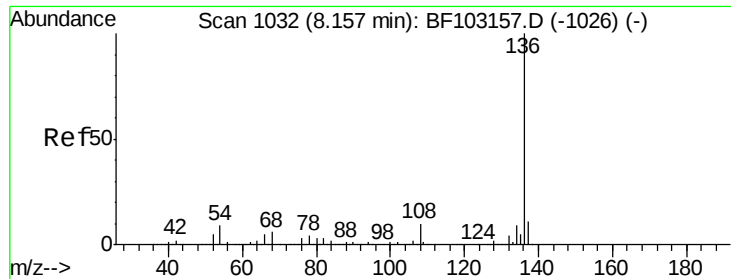
Sohil
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#20
3+4-Methylphenols
Concen: 29.457 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	68.2	108.2	
77	135.5	26.7	66.7#	
79	25.5	6.3	46.3	





#21

Naphthalene-d8

Concen: 40.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

HD-01-022118MS

Tot Ion:136 Resp: 1710049

Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

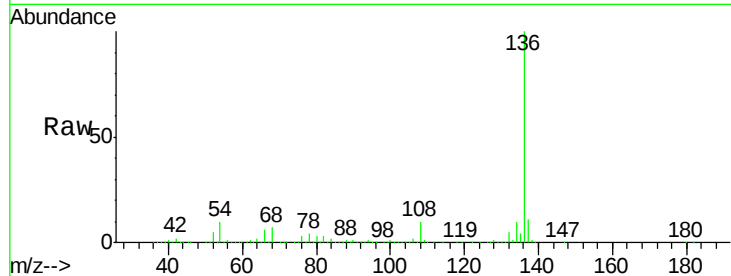
54 9.8 6.6 9.8

68 6.8 5.0 7.4

Manual Integrations
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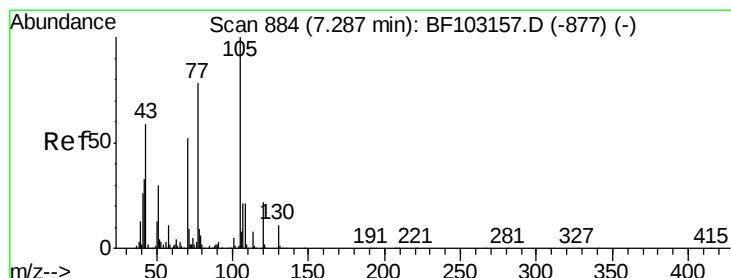
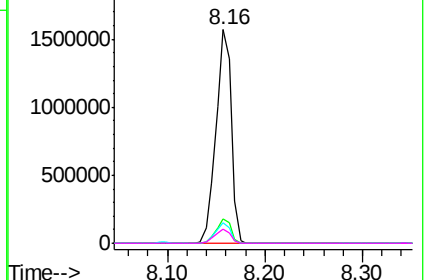
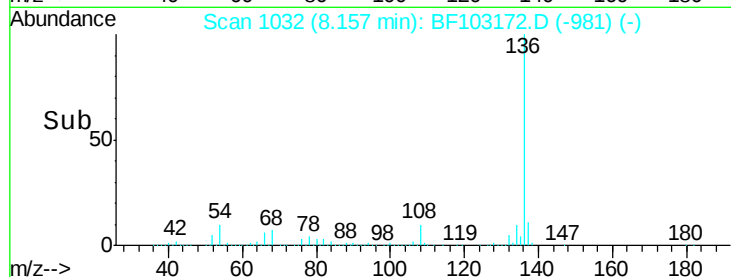
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.041 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:105 Resp: 639457

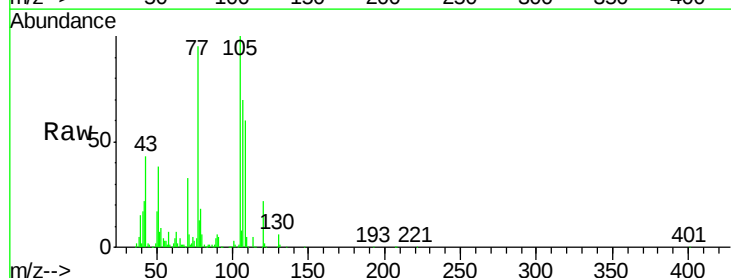
Ion Ratio Lower Upper

105 100

71 5.7 4.4 6.6

51 37.6 22.3 33.5#

120 21.7 16.9 25.3



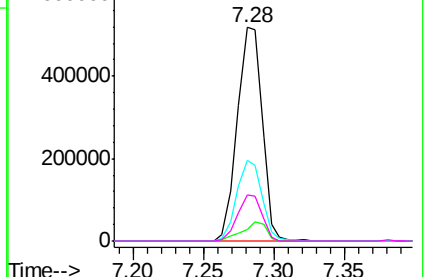
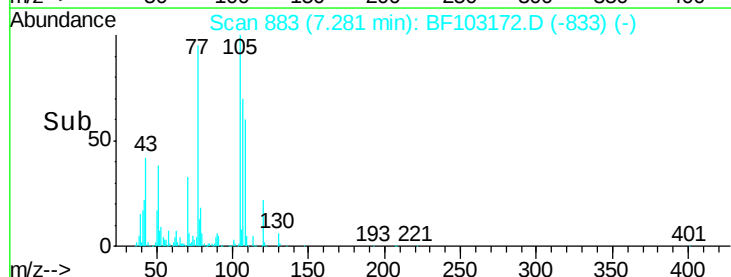
Abundance

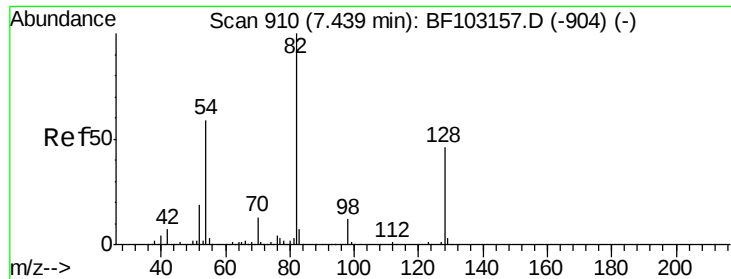
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





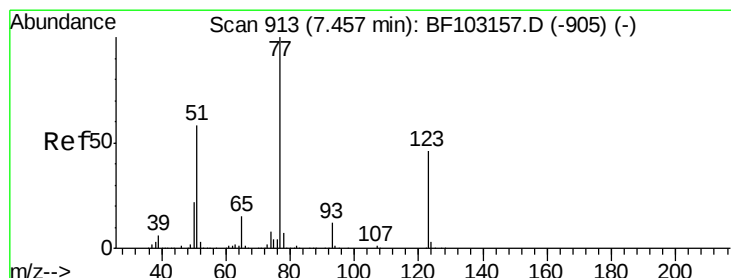
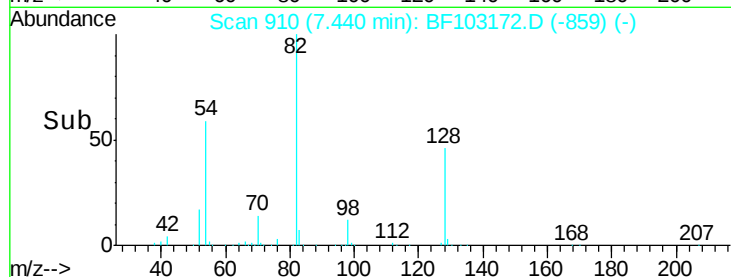
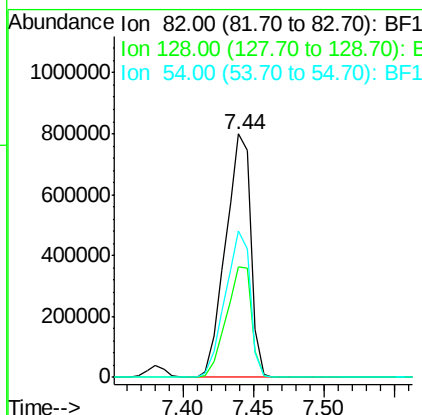
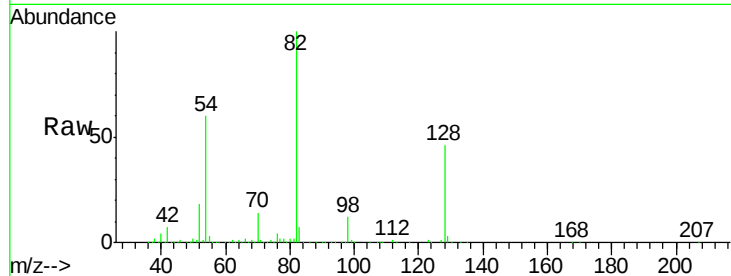
#23
 Nitrobenzene-d5
 Concen: 66.151 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	60.1	41.4	62.2

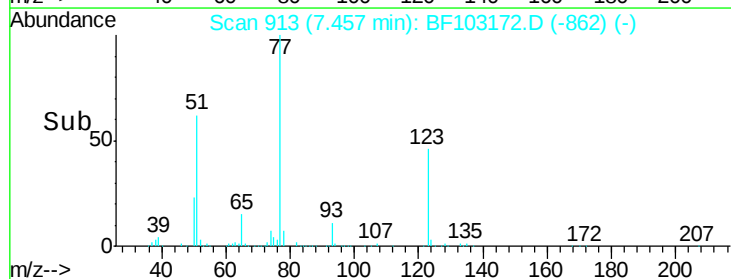
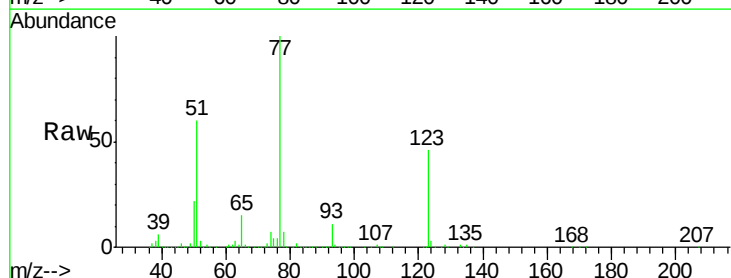
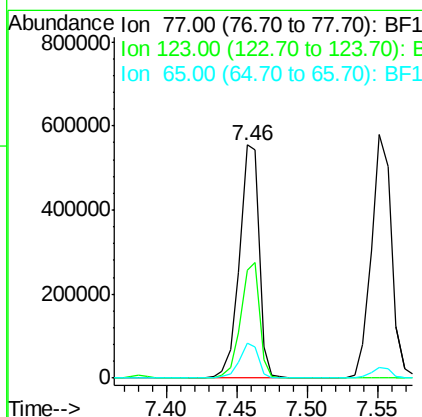
Manual Integrations
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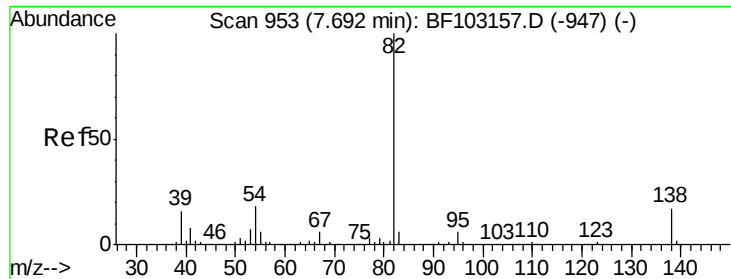
Sohil
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#24
 Nitrobenzene
 Concen: 32.573 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 34.074 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

HD-01-022118MS

Tot Ion: 82 Resp: 1004750

Ion Ratio Lower Upper

82 100

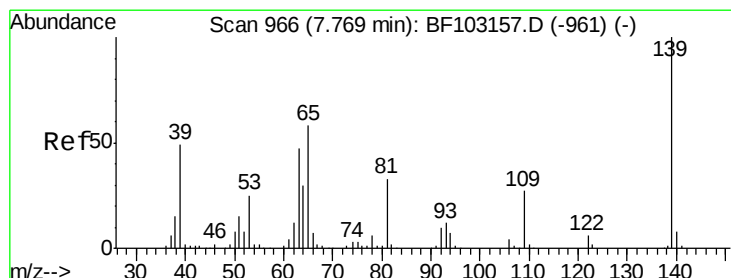
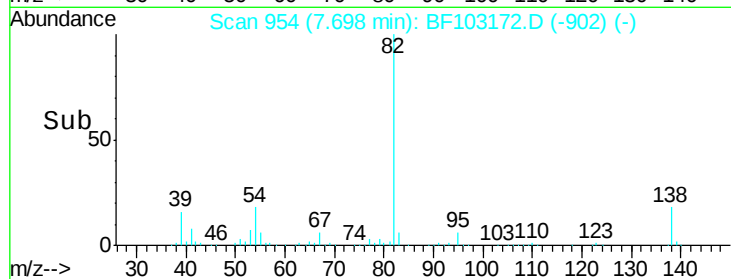
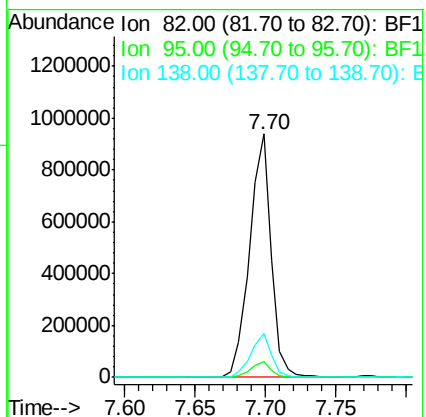
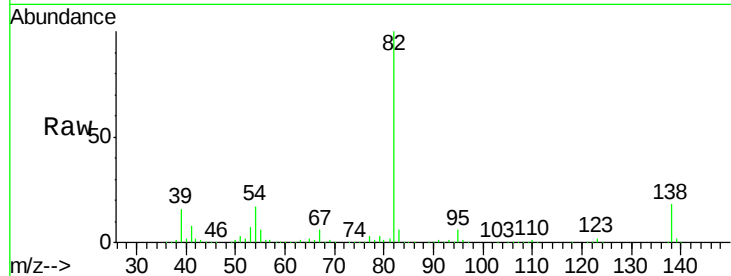
95 6.3 5.2 7.8

138 18.2 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.485 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

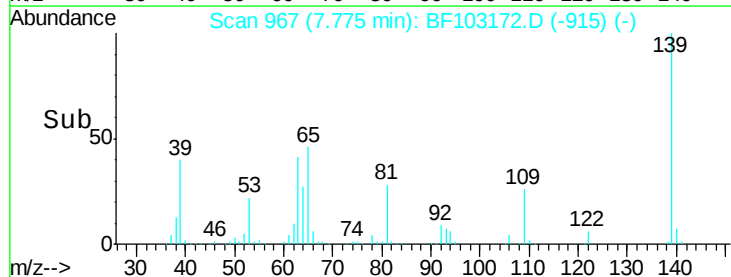
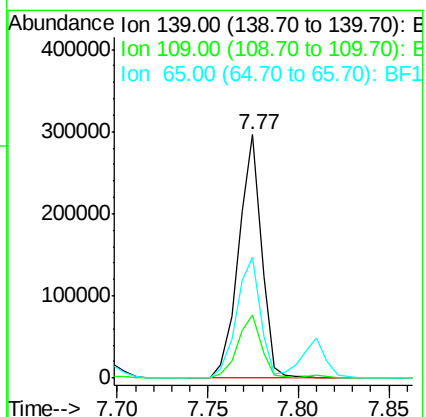
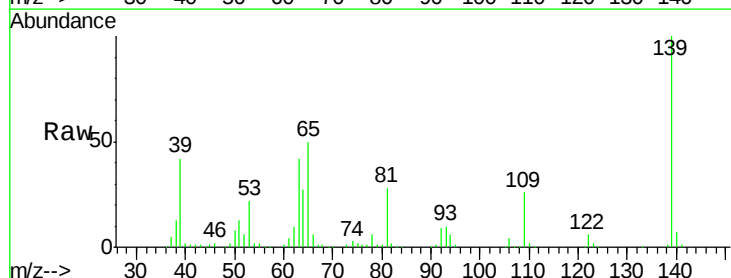
Tgt Ion: 139 Resp: 259846

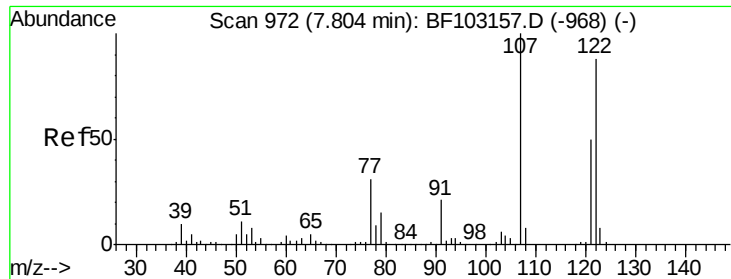
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 49.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.175 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

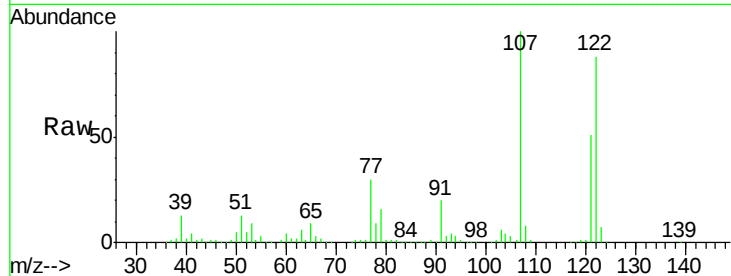
ClientSampleId :

HD-01-022118MS

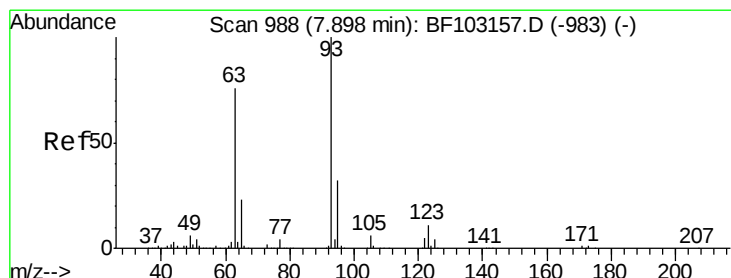
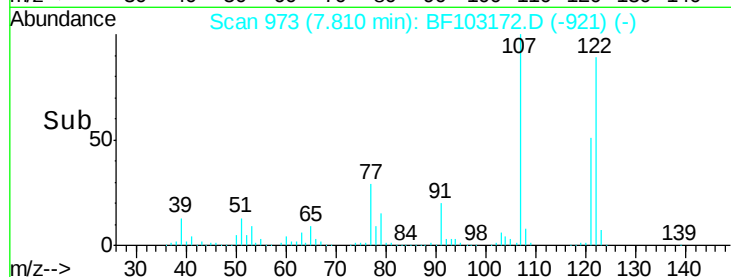
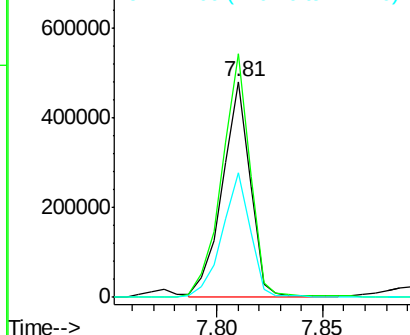
Tot Ion:	122	Resp:	440959
Ion Ratio	Lower	Upper	
122	100		
107	113.0	91.2	136.8
121	57.9	47.2	70.8

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



#28

bis(2-Chloroethoxy)methane

Concen: 36.029 ng

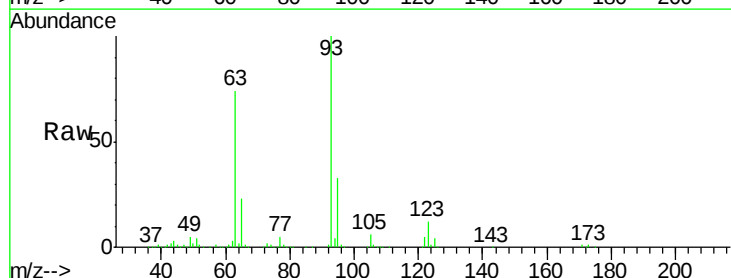
RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

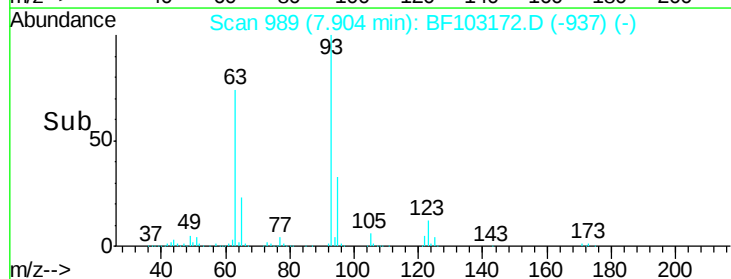
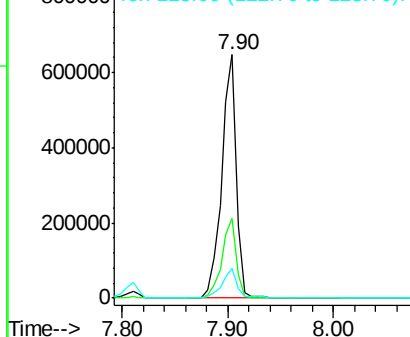
Lab File: BF103172.D

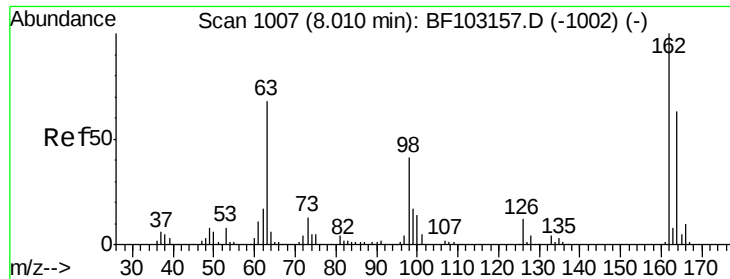
Acq: 22 Feb 2018 19:42

Tgt Ion:	93	Resp:	624624
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	12.2	9.8	14.6



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





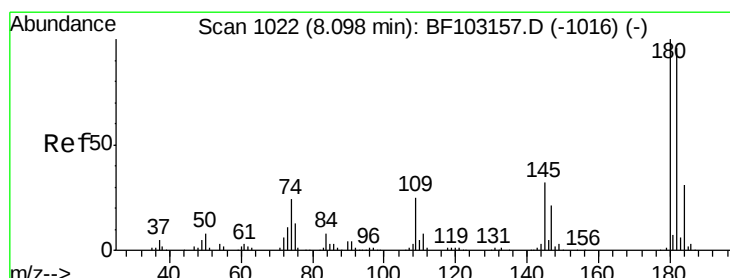
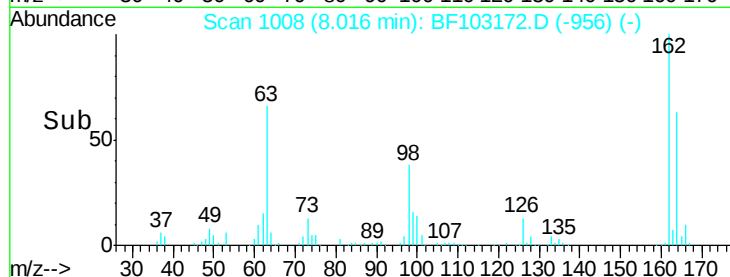
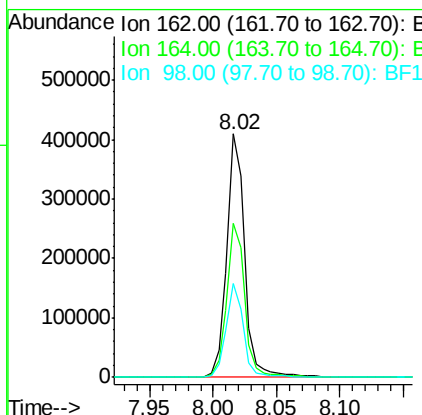
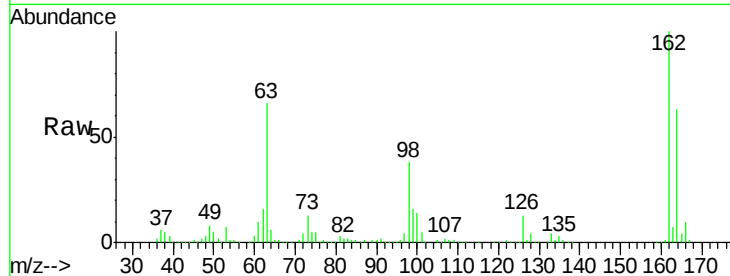
#29
2,4-Dichlorophenol
Concen: 35.008 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	397561		
164	63.4	42.7	82.7	
98	38.4	18.1	58.1	

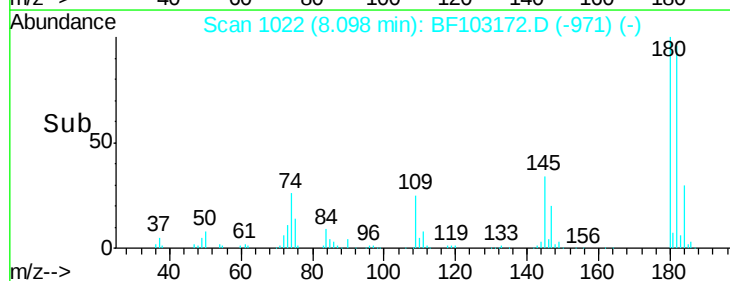
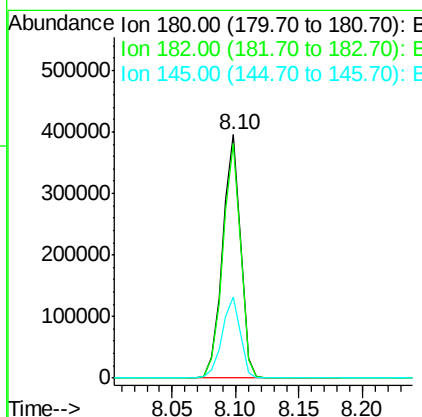
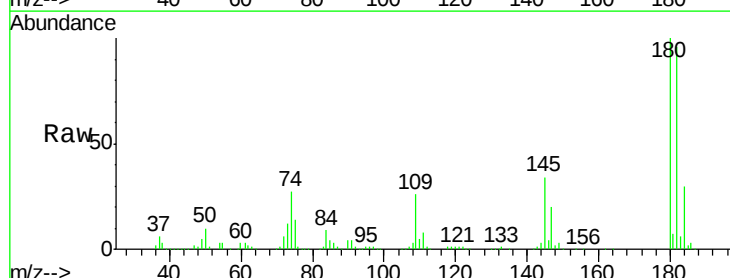
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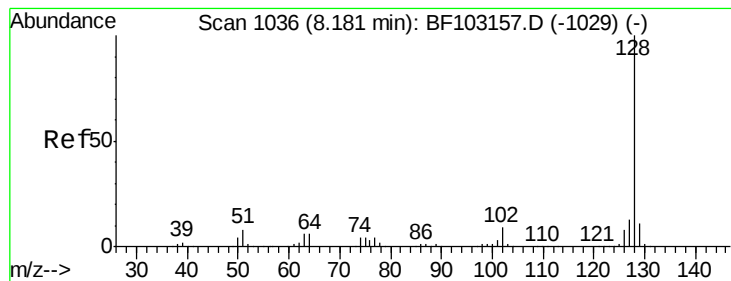
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#30
1,2,4-Trichlorobenzene
Concen: 32.375 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391520		
182	96.2	76.8	115.2	
145	33.5	26.5	39.7	





#31

Naphthalene

Concen: 31.801 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

HD-01-022118MS

Tot Ion:128 Resp: 1331206

Ion Ratio Lower Upper

128 100

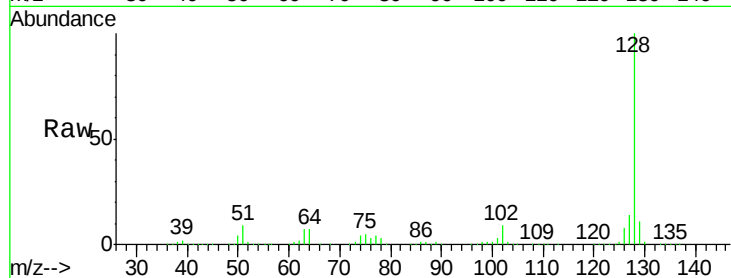
129 11.2 8.8 13.2

127 13.9 10.9 16.3

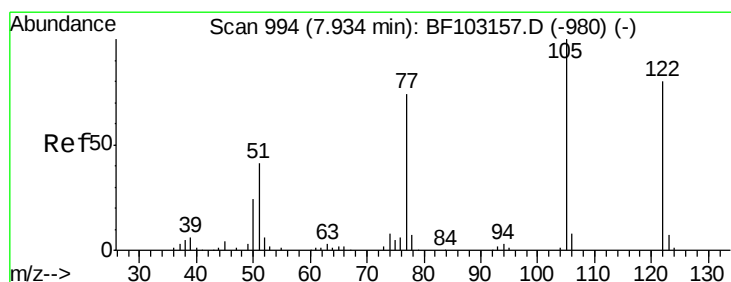
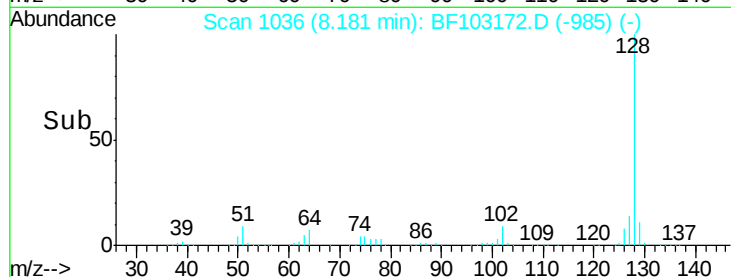
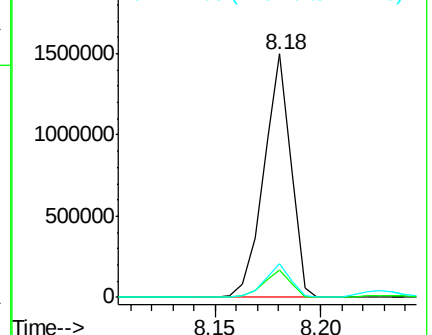
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.170 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

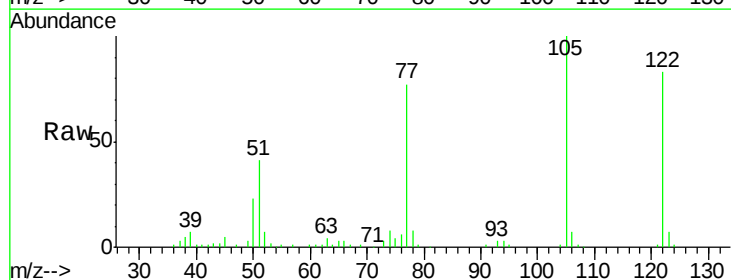
Tgt Ion:122 Resp: 178299

Ion Ratio Lower Upper

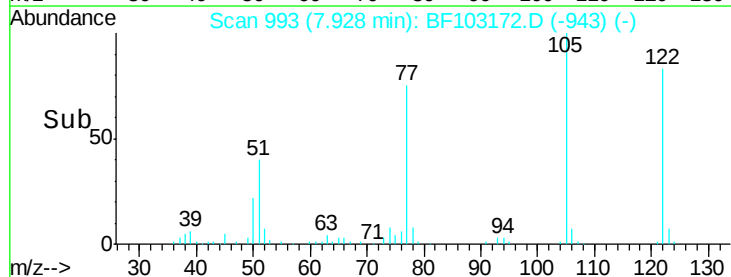
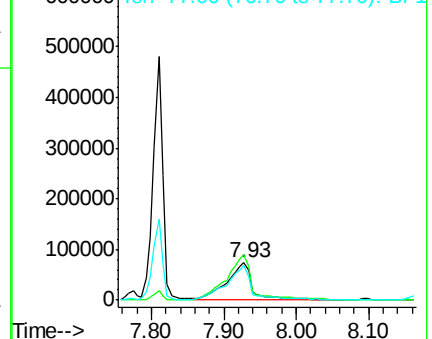
122 100

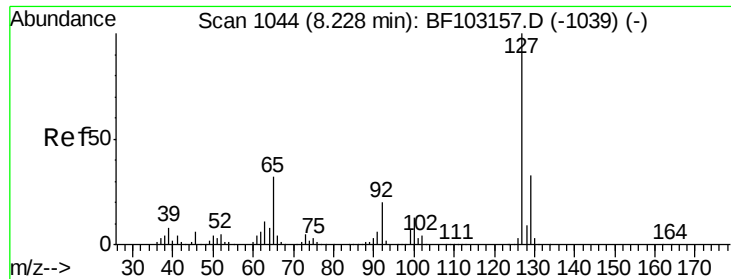
105 120.9 101.1 141.1

77 93.0 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





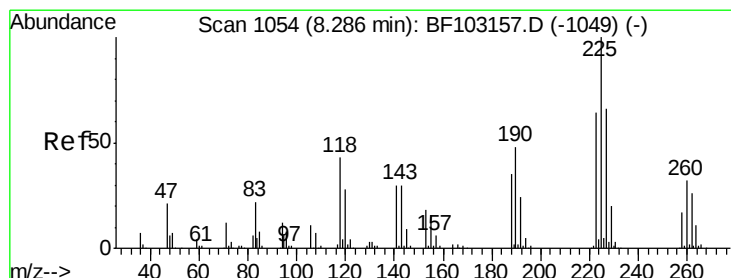
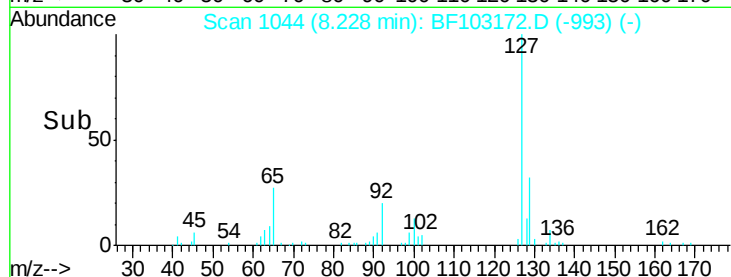
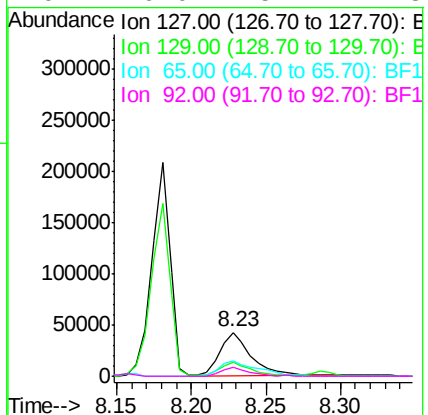
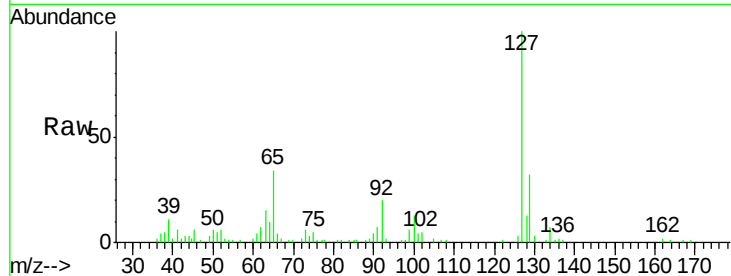
#33
4-Chloroaniline
Concen: 3.437 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion:	127	Resp:	62092
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.9	38.9
65	34.5	25.0	37.4
92	20.0	15.2	22.8

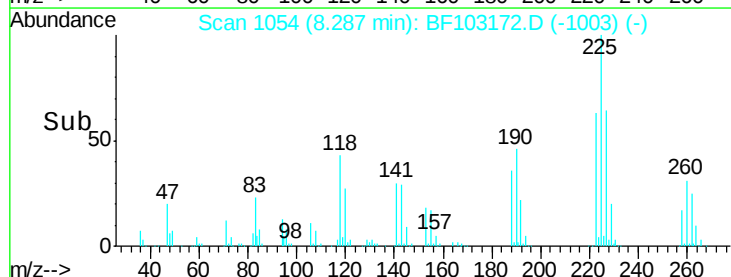
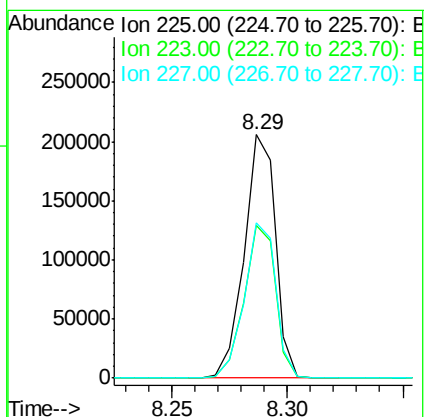
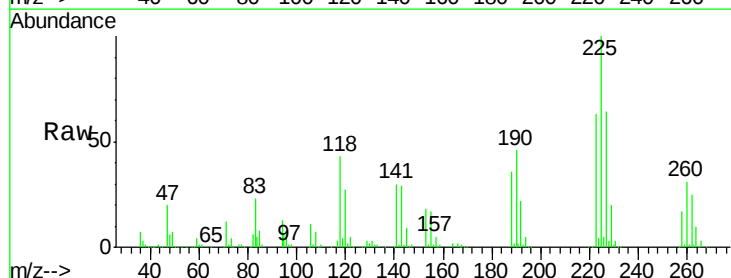
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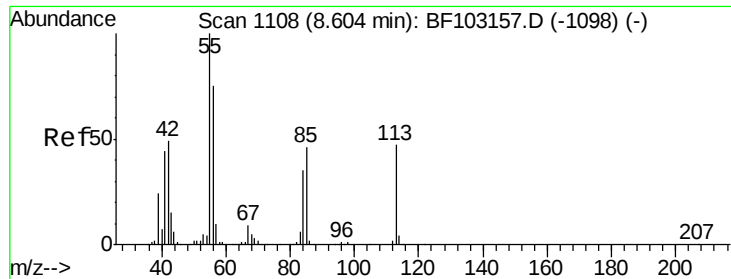
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#34
Hexachlorobutadiene
Concen: 31.032 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion:	225	Resp:	195426
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.6	76.0
227	63.6	51.9	77.9





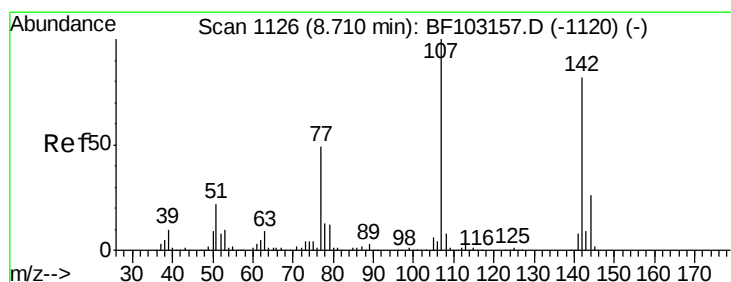
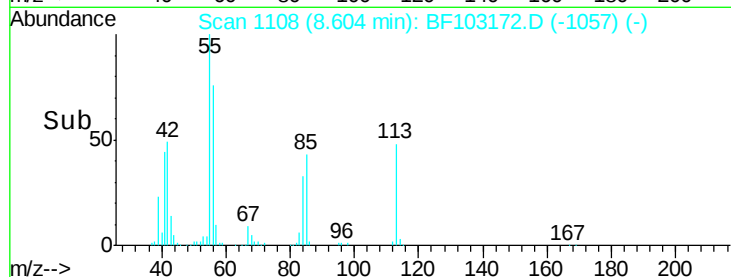
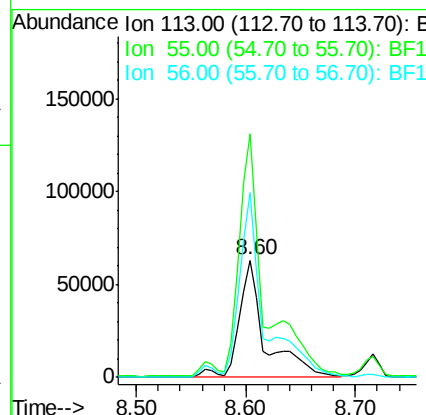
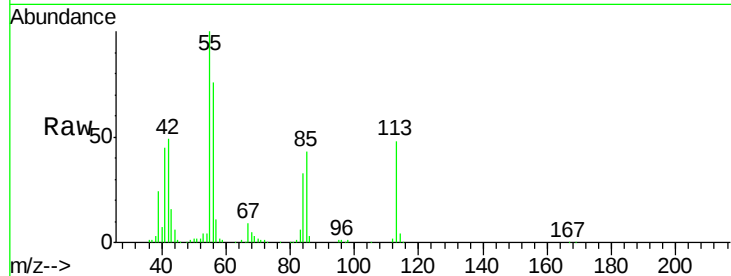
#35
 Caprolactam
 Concen: 26.435 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	207.8	163.3	203.3#	
56	158.2	115.7	155.7#	

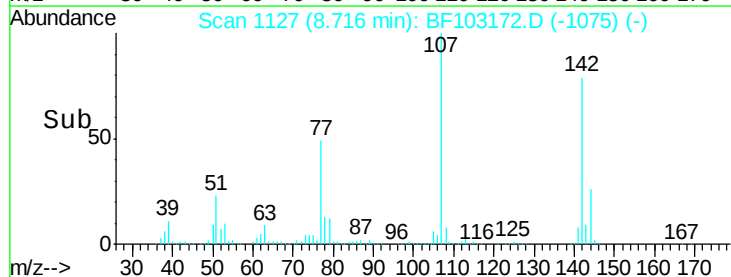
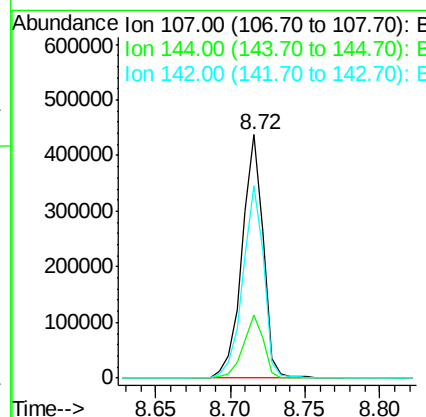
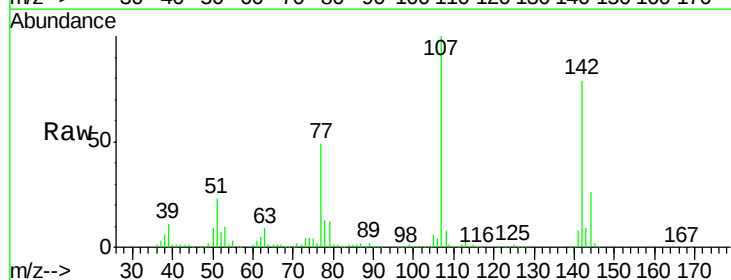
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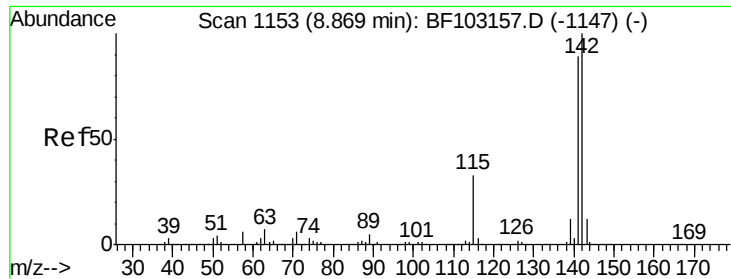
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#36
 4-Chloro-3-methylphenol
 Concen: 33.924 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.7	20.5	30.7	
142	79.1	62.0	93.0	





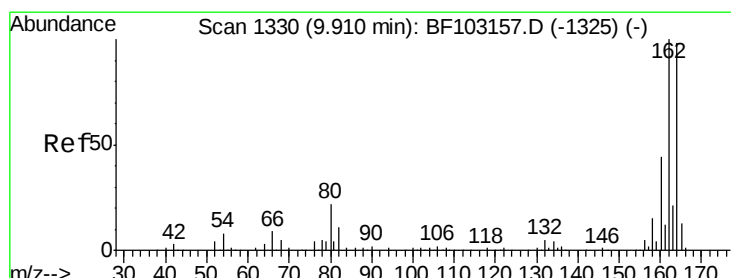
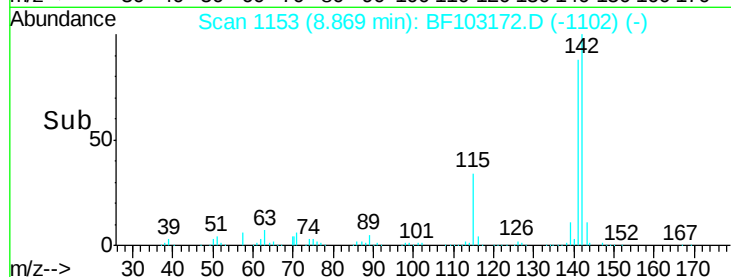
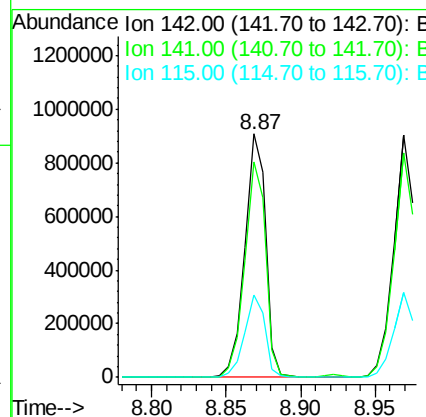
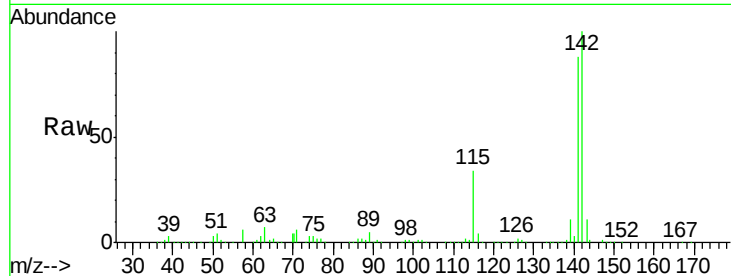
#37
2-Methylnaphthalene
Concen: 32.764 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	33.8	26.1	39.1

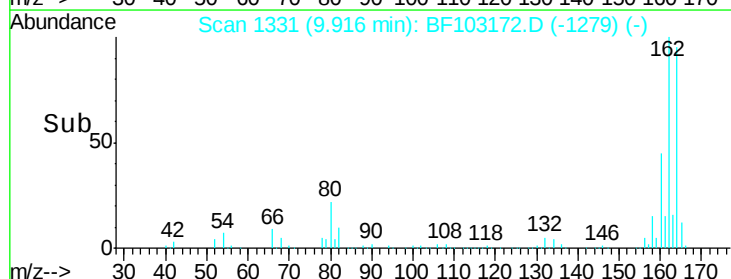
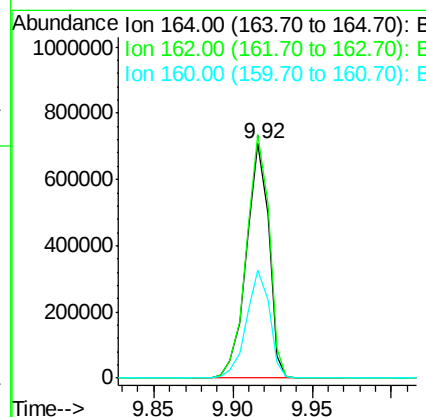
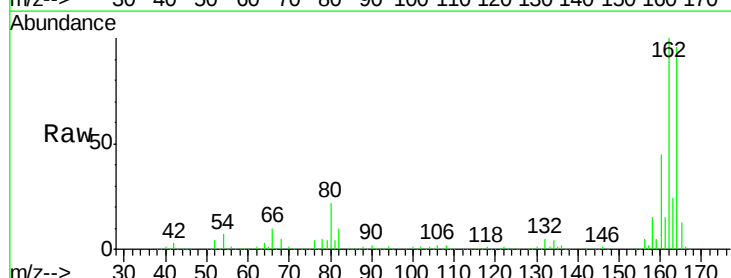
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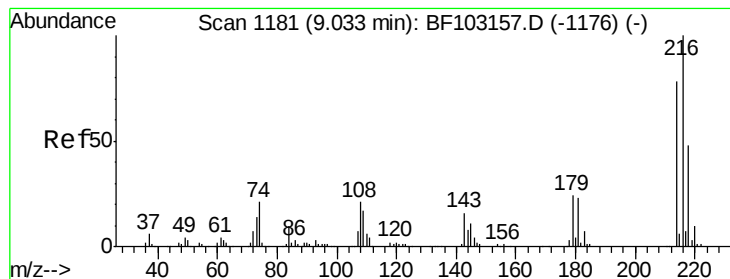
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#38
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.842 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

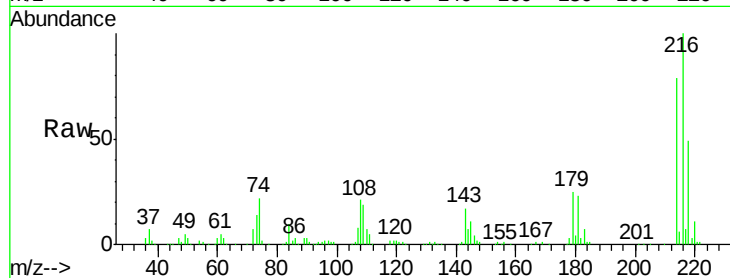
ClientSampleId :

HD-01-022118MS

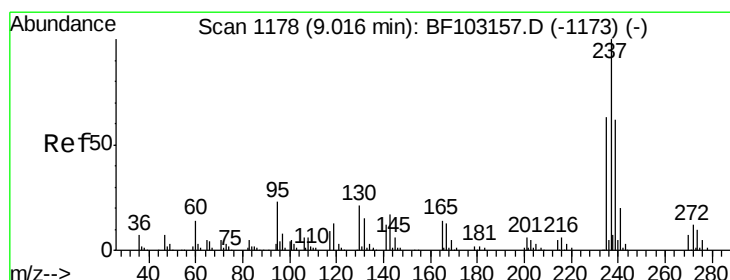
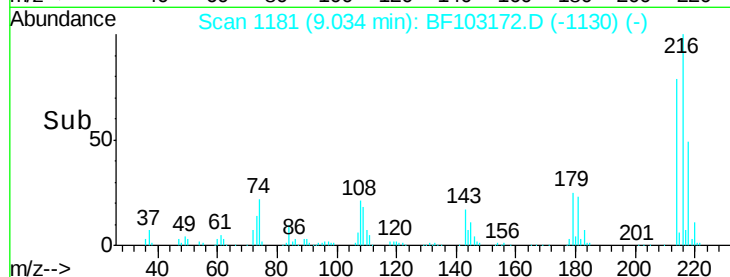
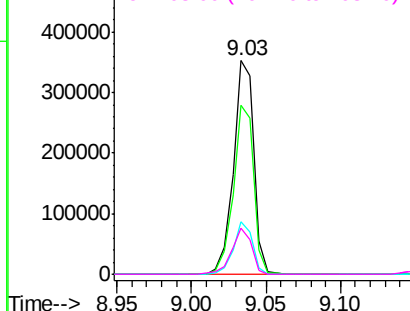
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		338998		
214	79.1		63.0	94.4	
179	23.2		18.1	27.1	
108	21.2		17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 25.885 ng

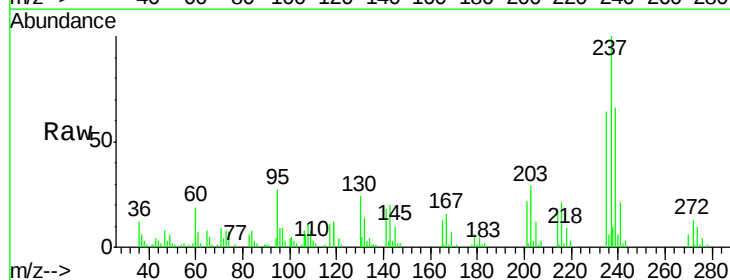
RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

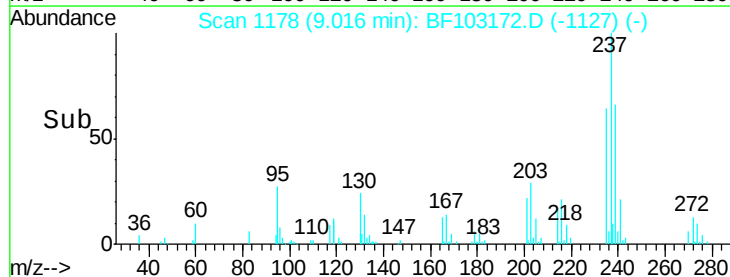
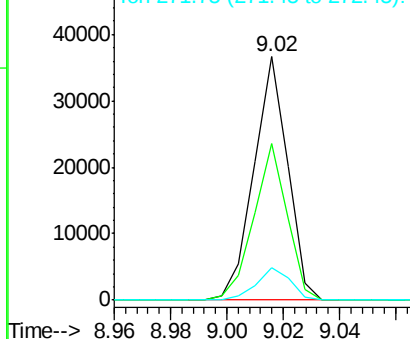
Lab File: BF103172.D

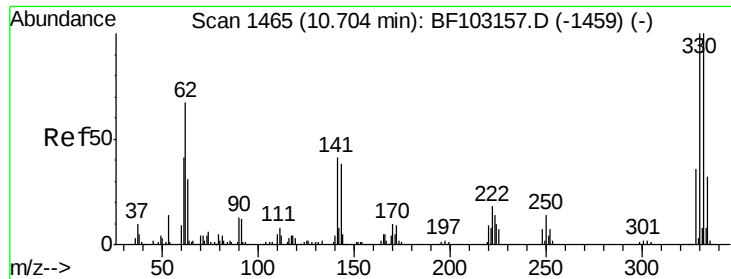
Acq: 22 Feb 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		30458		
235	64.1		44.8	84.8	
272	13.4		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





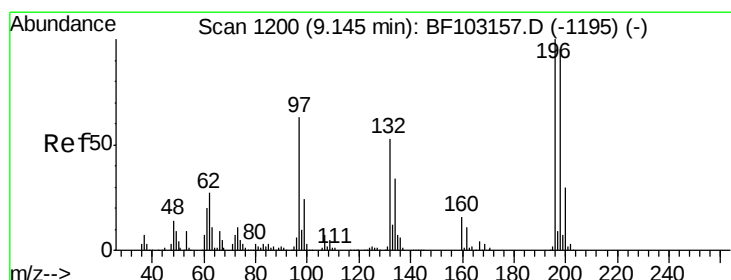
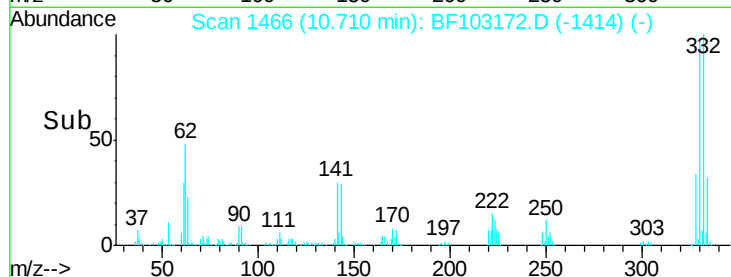
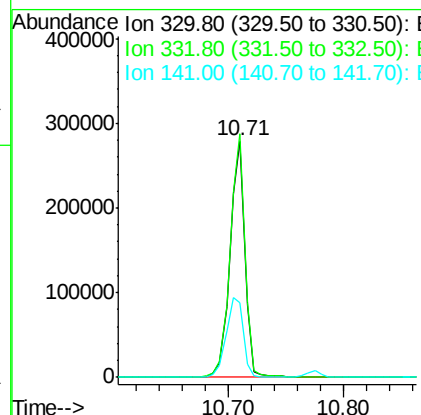
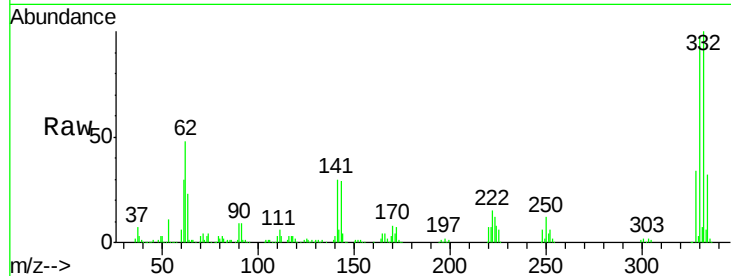
#41
 2,4,6-Tribromophenol
 Concen: 85.302 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	249802		
332	102.2	77.0	115.6	
141	39.0	29.9	44.9	

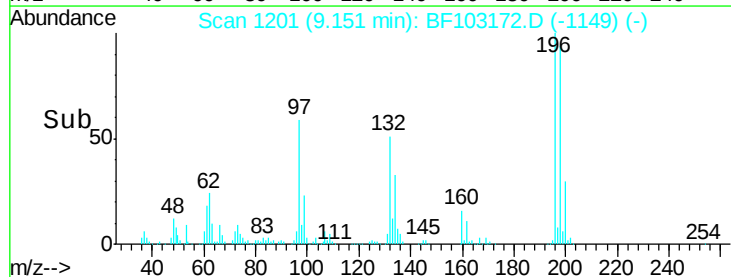
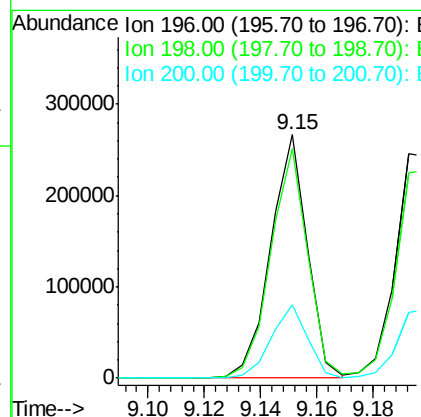
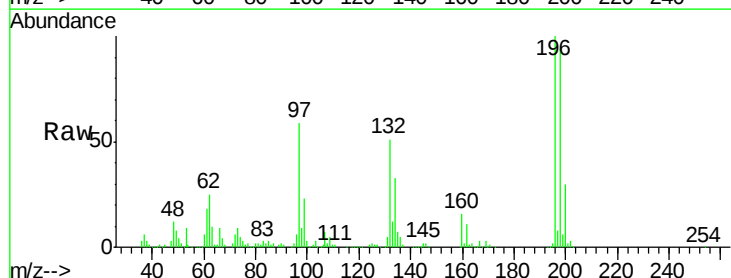
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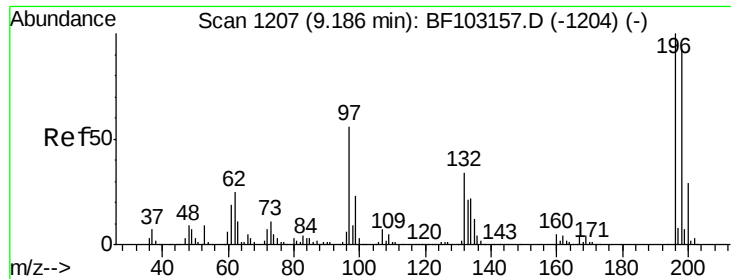
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 37.764 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240334		
198	94.3	75.7	113.5	
200	30.4	24.5	36.7	





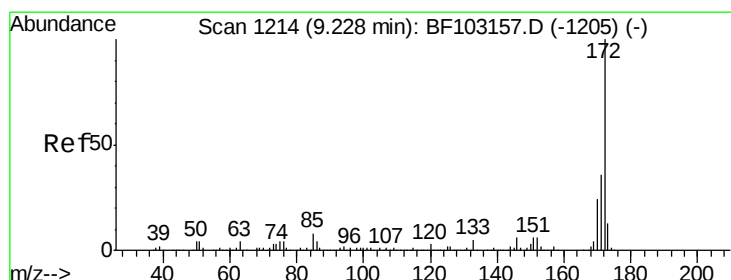
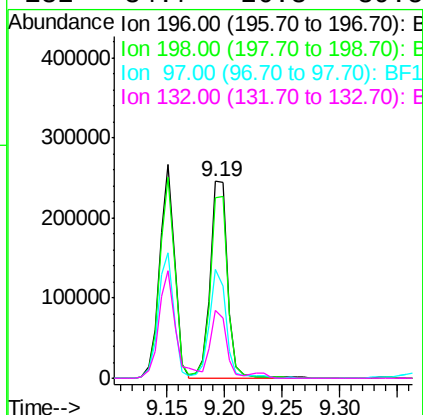
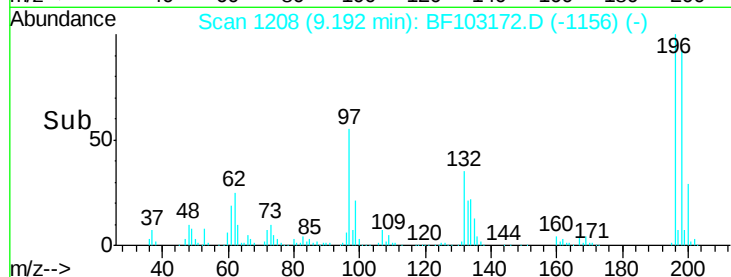
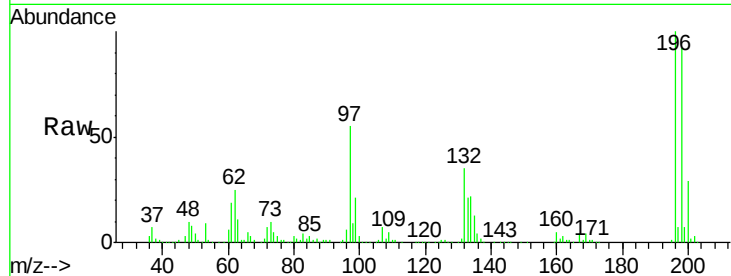
#43
 2,4,5-Trichlorophenol
 Concen: 34.796 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	254699		
198	91.7	74.6	112.0	
97	55.4	42.9	64.3	
132	34.7	26.3	39.5	

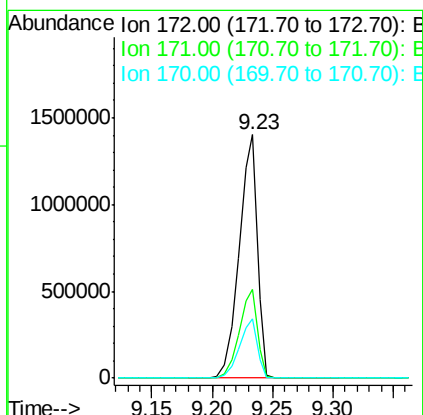
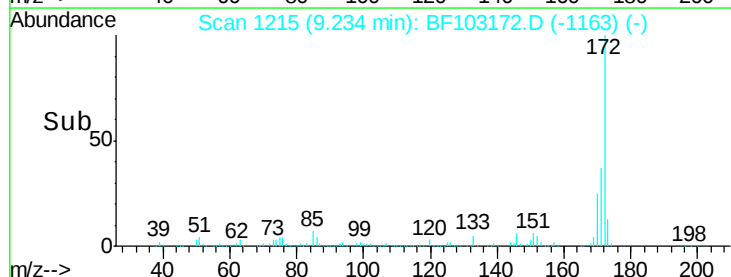
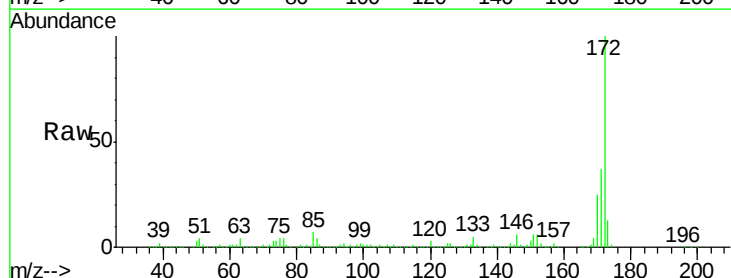
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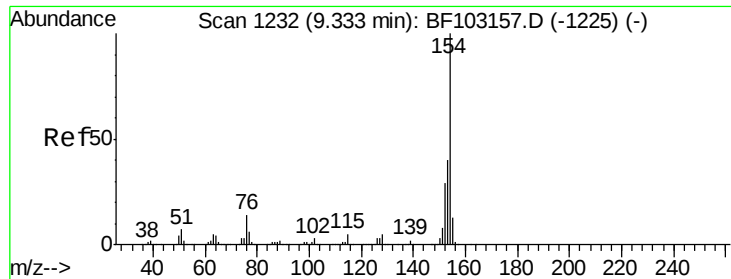
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 61.497 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1474294		
171	36.6	29.7	44.5	
170	24.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 34.542 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

HD-01-022118MS

Tot Ion:154 Resp: 1001397

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

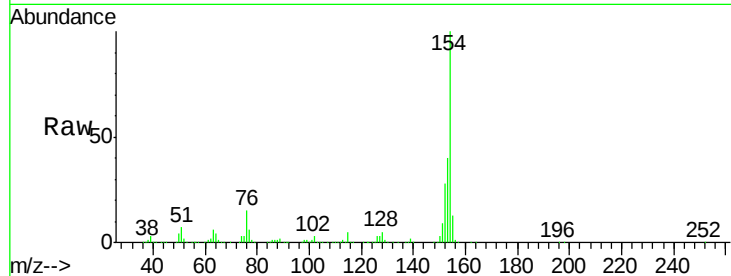
76 14.6 0.0 34.0

Manual Integrations

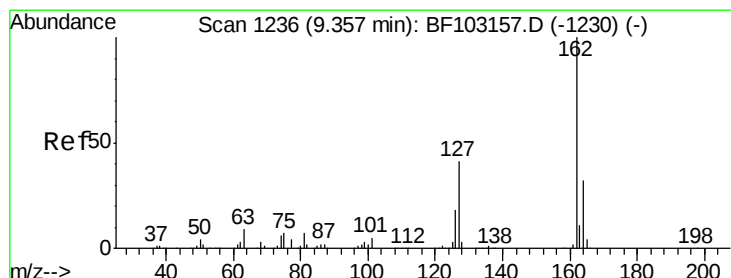
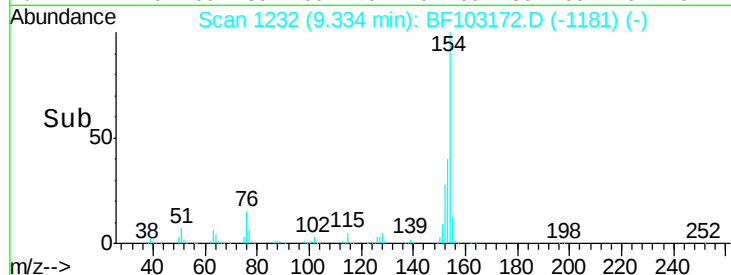
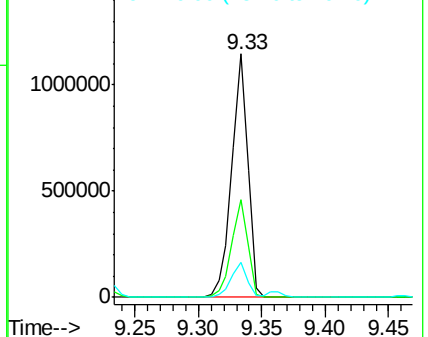
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 34.905 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

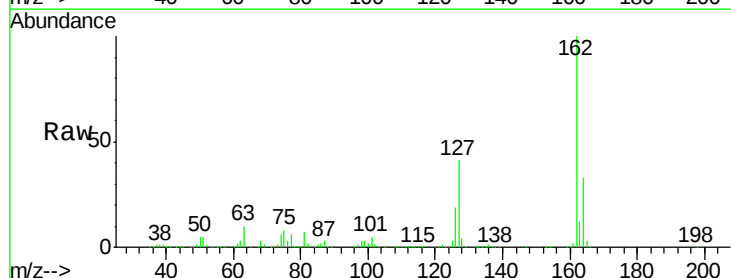
Tgt Ion:162 Resp: 800568

Ion Ratio Lower Upper

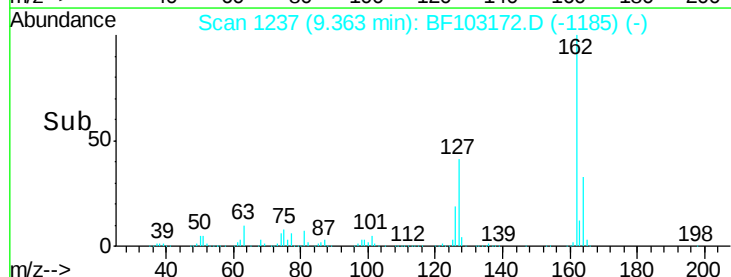
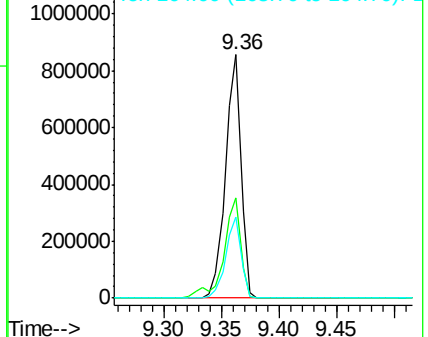
162 100

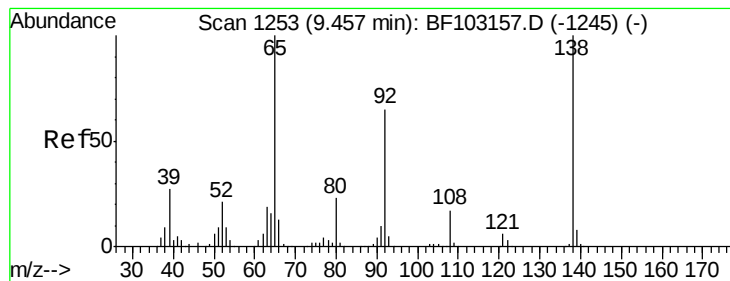
127 40.9 33.9 50.9

164 33.2 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: 36.244 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

HD-01-022118MS

Tot Ion: 65 Resp: 307917
Ion Ratio Lower Upper

65 100

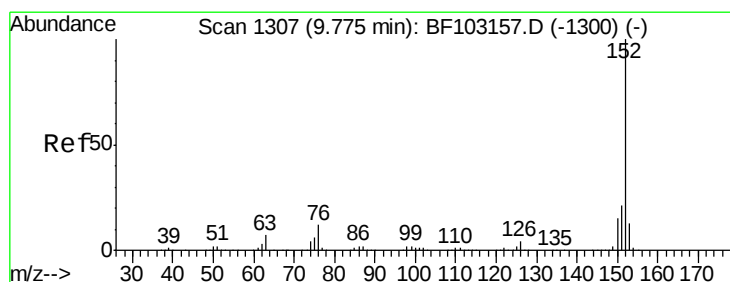
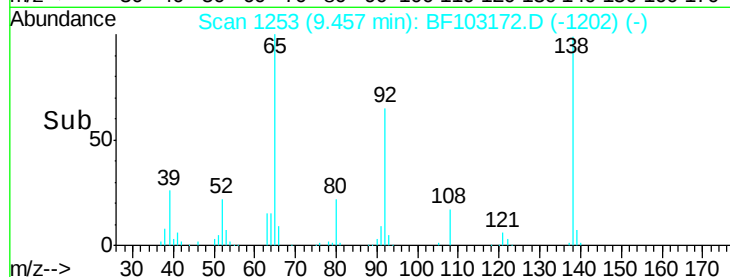
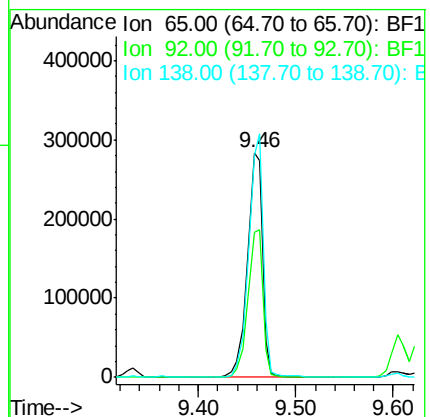
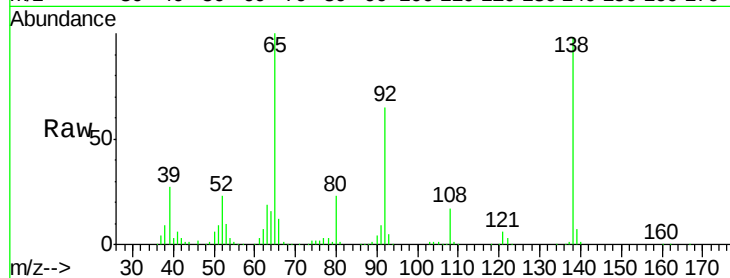
92 64.7 55.8 83.6

138 98.4 91.2 136.8

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#48

Acenaphthylene

Concen: 33.002 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF103172.D

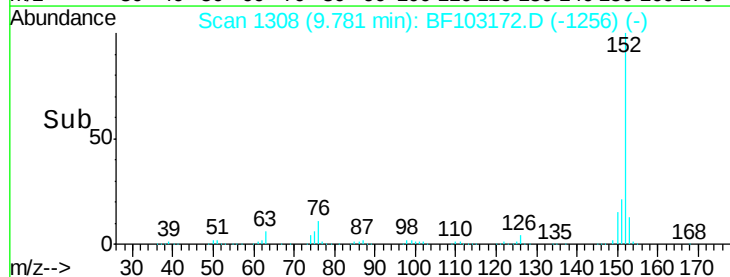
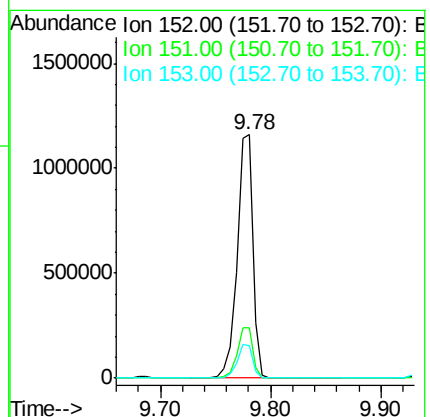
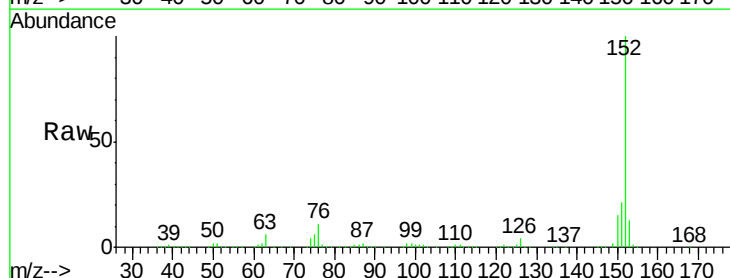
Acq: 22 Feb 2018 19:42

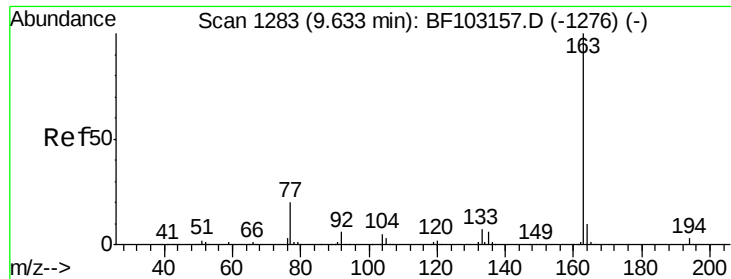
Tgt Ion: 152 Resp: 1164607
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.2 10.7 16.1





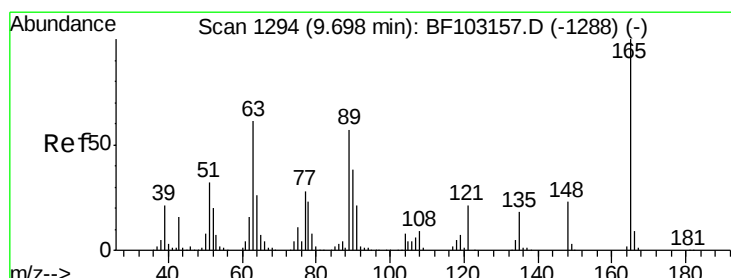
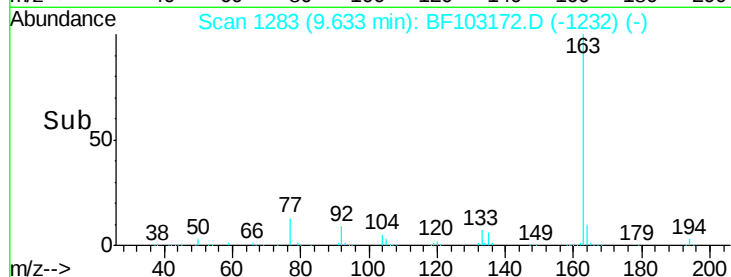
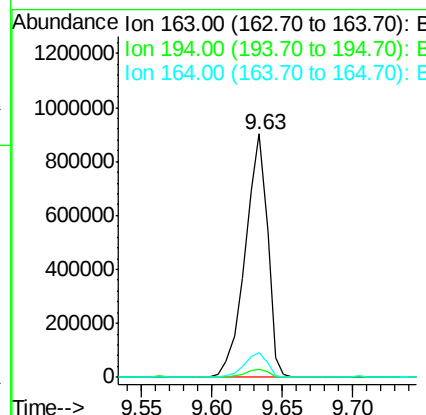
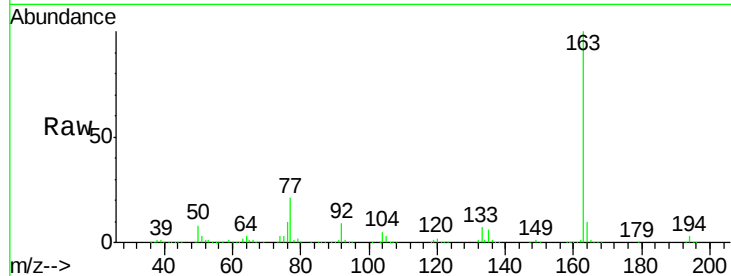
#49
Dimethylphthalate
Concen: 35.827 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.3		2.7	4.1	
164	10.1		8.2	12.2	

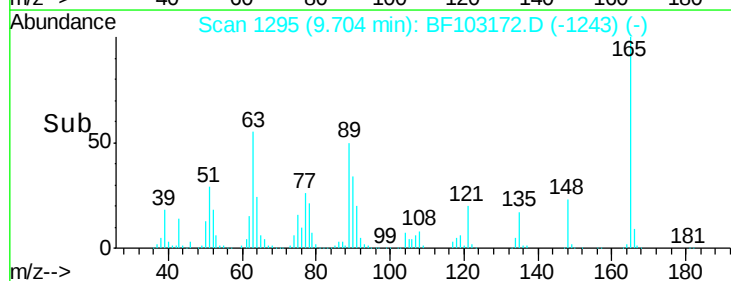
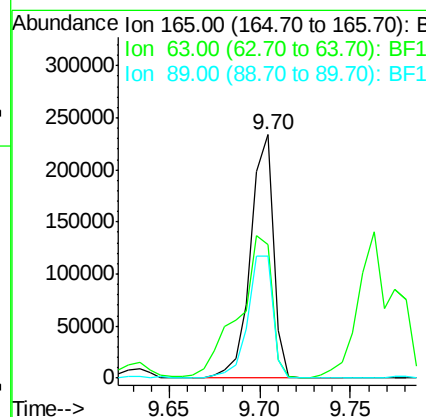
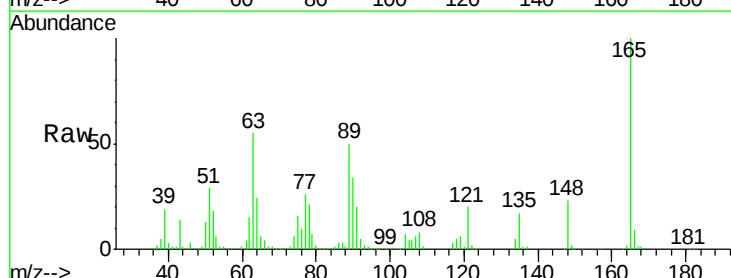
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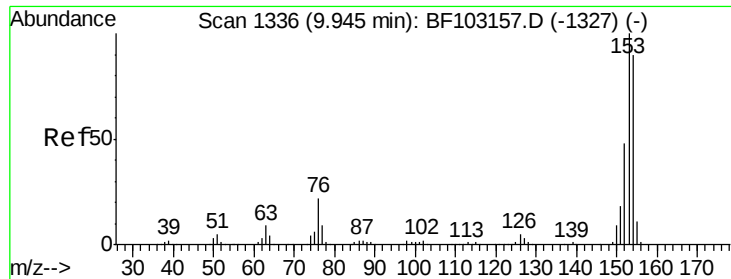
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#50
2,6-Dinitrotoluene
Concen: 35.220 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	54.9		44.7	67.1	
89	50.3		44.0	66.0	





#51

Acenaphthene

Concen: 32.765 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

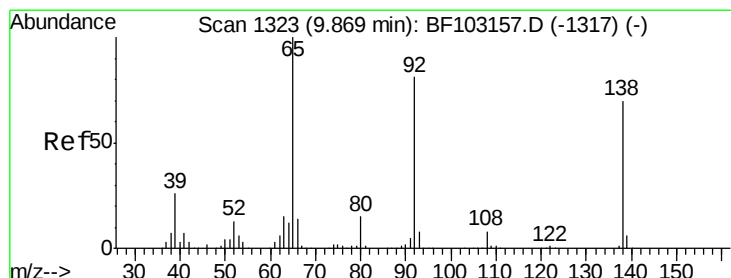
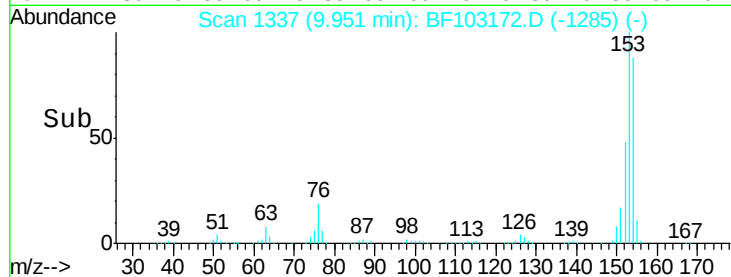
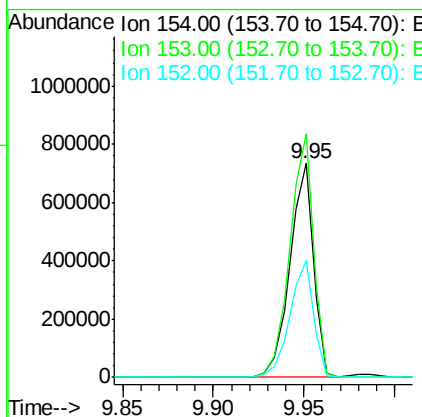
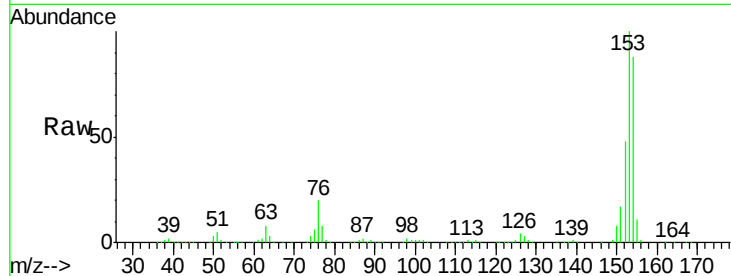
ClientSampleId :

HD-01-022118MS

Tot Ion:	154	Resp:	674216
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 11.802 ng

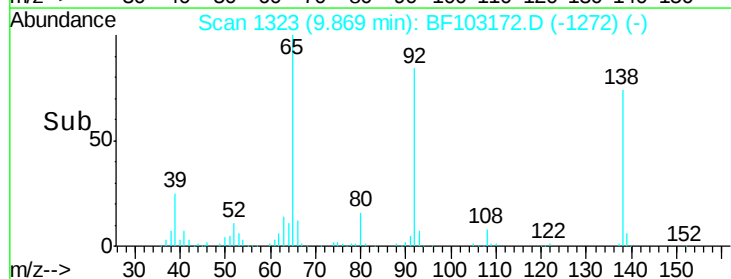
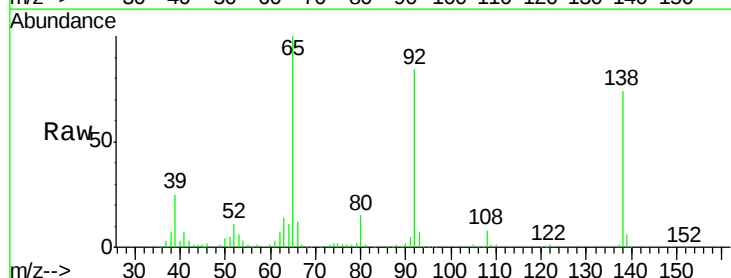
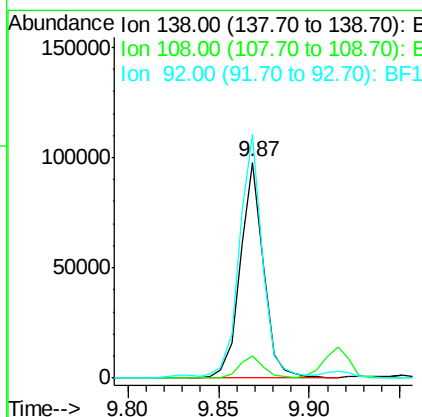
RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:	138	Resp:	87209
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	113.0	89.4	134.2





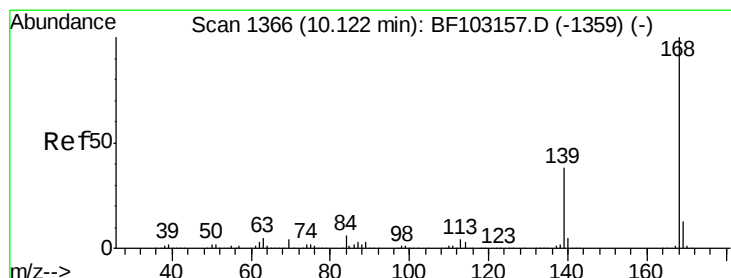
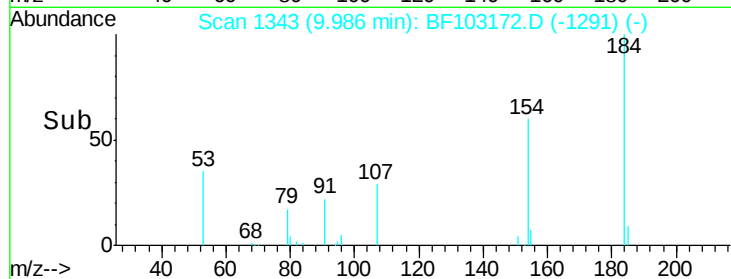
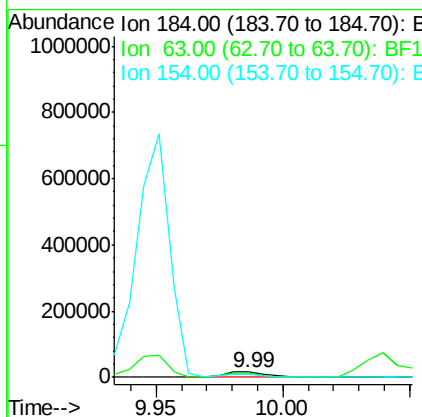
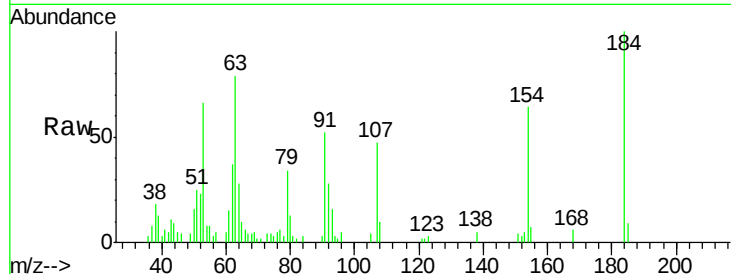
#53
2,4-Dinitrophenol
Concen: 26.968 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.3	54.2	81.2
154	63.7	184.0	276.0#

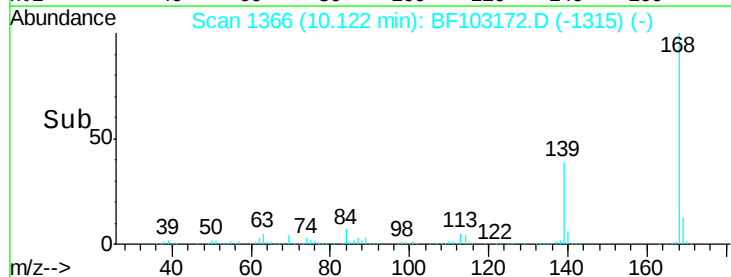
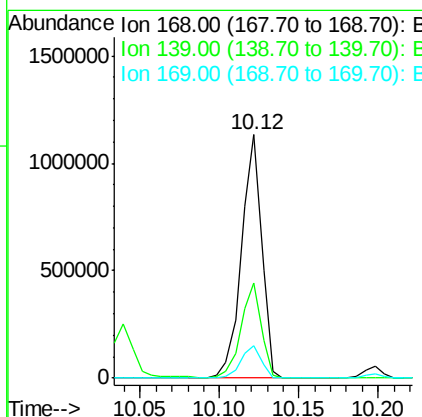
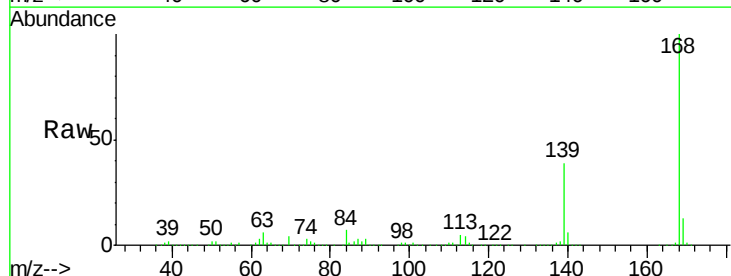
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#54
Dibenzofuran
Concen: 35.530 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	13.5	10.9	16.3





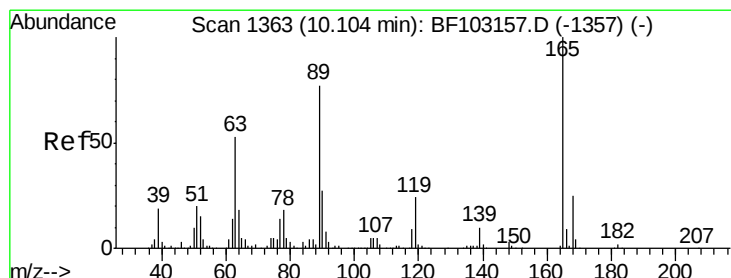
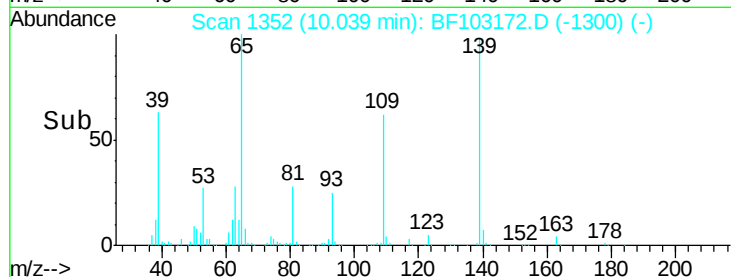
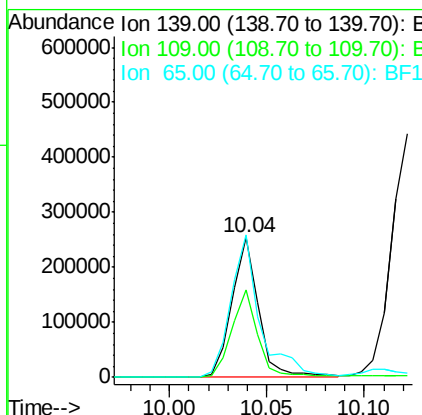
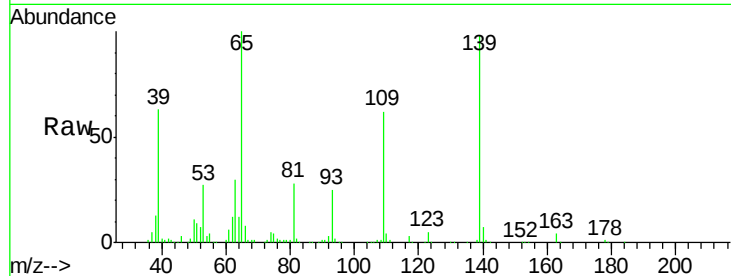
#55
4-Nitrophenol
Concen: 52.723 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.7	48.4	88.4
65	101.8	72.6	112.6

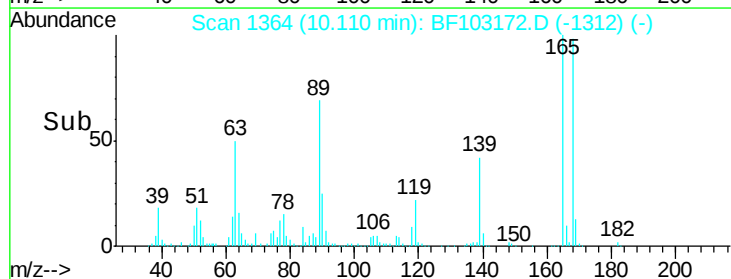
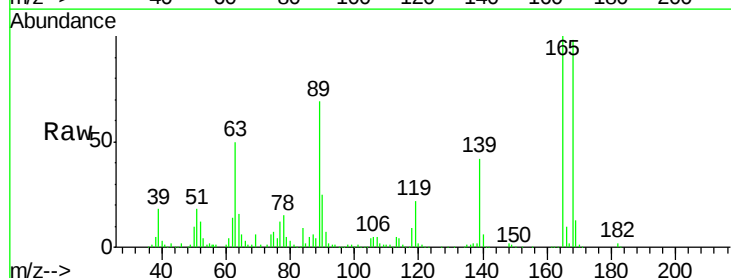
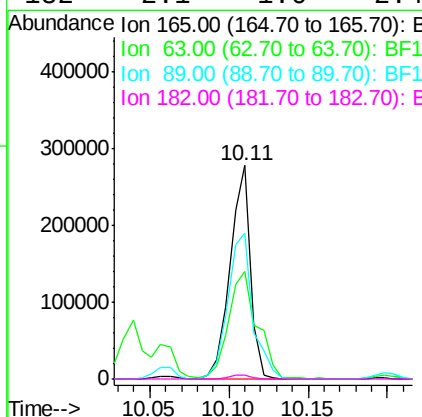
Manual Integrations
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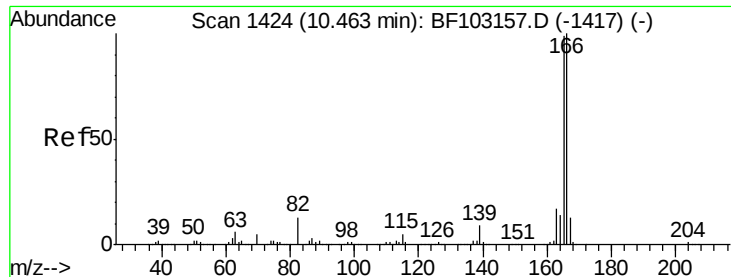
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#56
2,4-Dinitrotoluene
Concen: 33.542 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.1	36.4	54.6
89	68.6	57.8	86.6
182	2.1	1.6	2.4





#57

Fluorene

Concen: 31.154 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

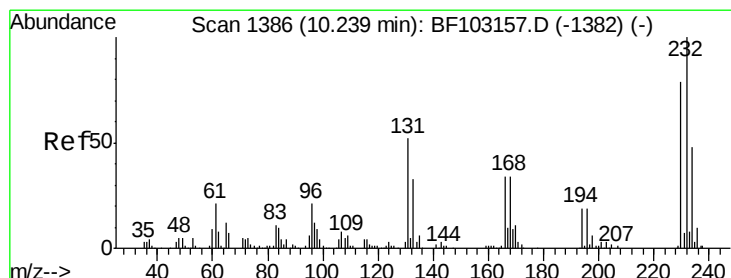
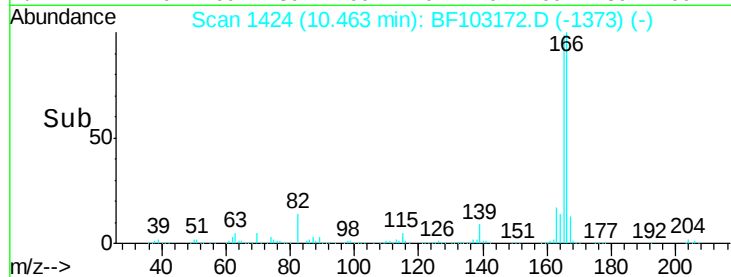
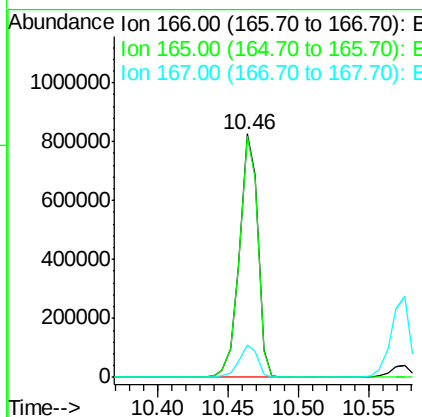
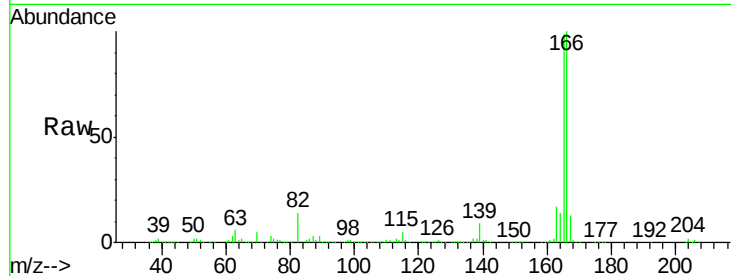
ClientSampleId :

HD-01-022118MS

Tot Ion:	166	Resp:	749659
Ion Ratio		Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.1	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.460 ng

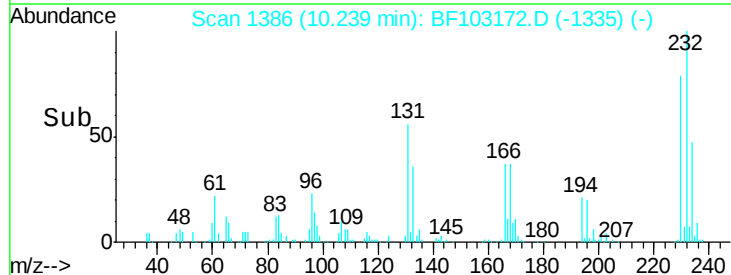
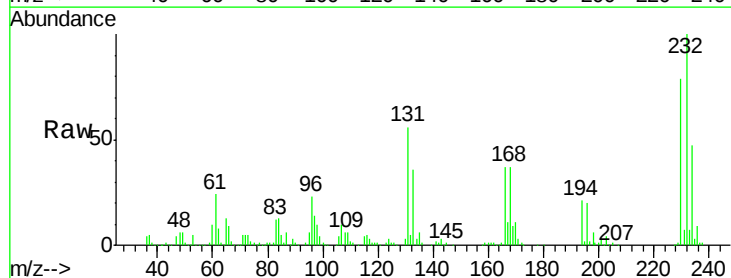
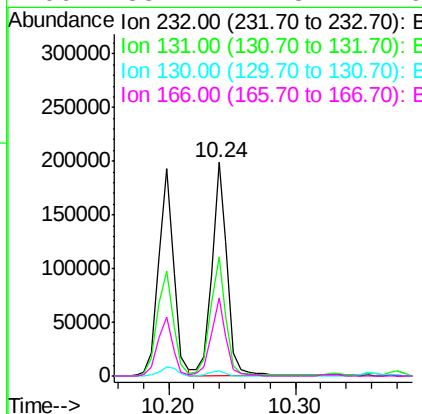
RT: 10.24 min Scan# 1386

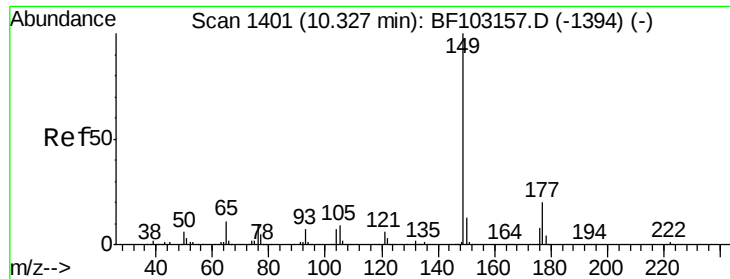
Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:	232	Resp:	169446
Ion Ratio		Lower	Upper
232	100		
131	55.8	43.8	65.8
130	2.6	2.1	3.1
166	35.1	27.8	41.6





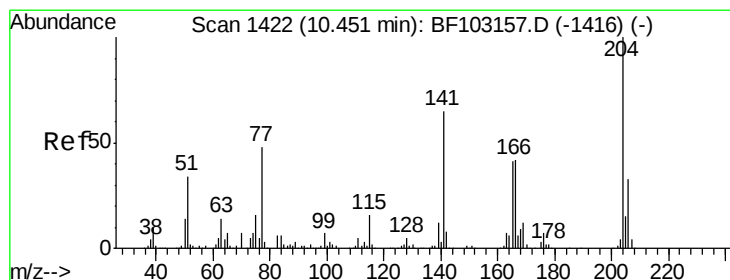
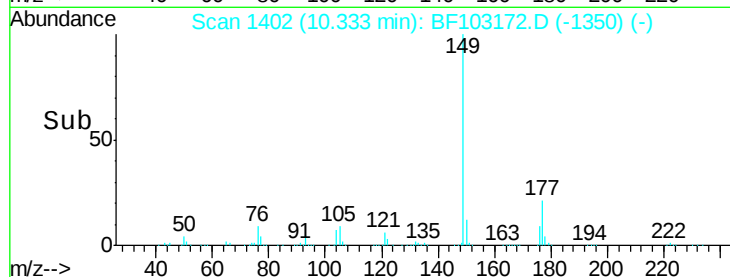
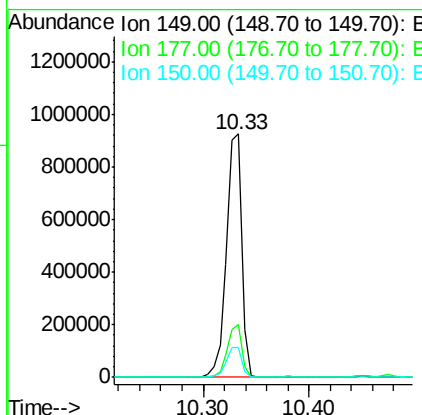
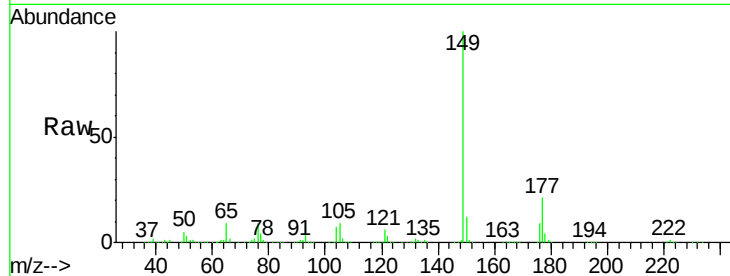
#59
Diethylphthalate
Concen: 34.955 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.2	10.1	15.1

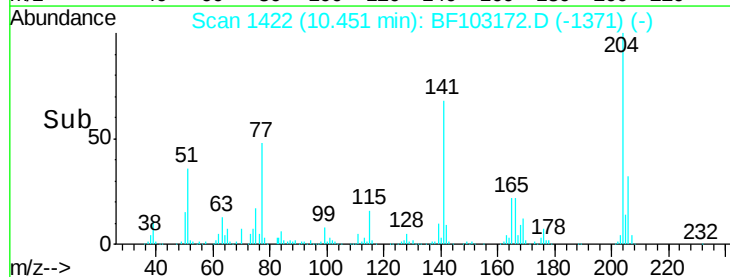
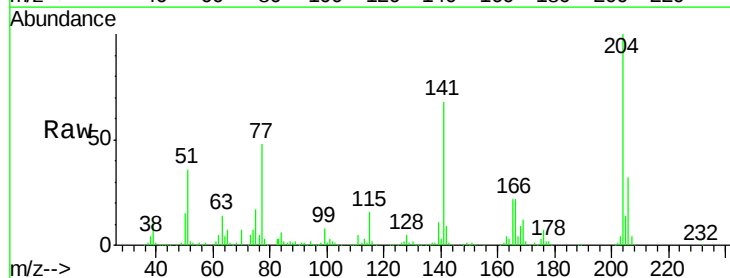
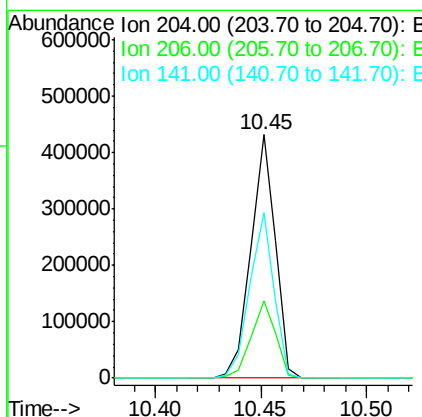
Manual Integrations
APPROVED

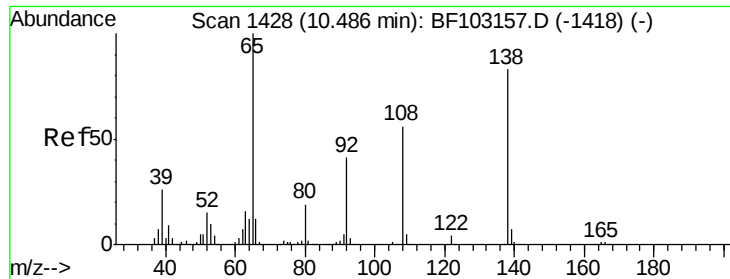
Sohil
2/23/2018 10:20:47 AM



#60
4-Chlorophenyl-phenylether
Concen: 34.227 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	68.1	54.6	81.8





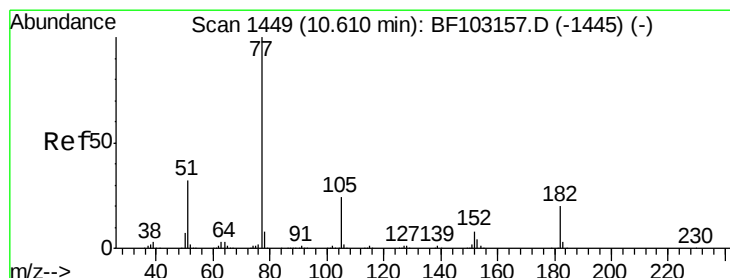
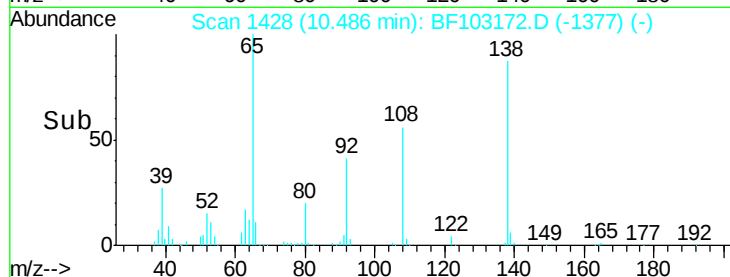
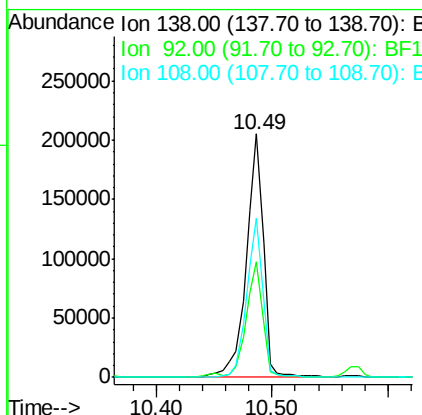
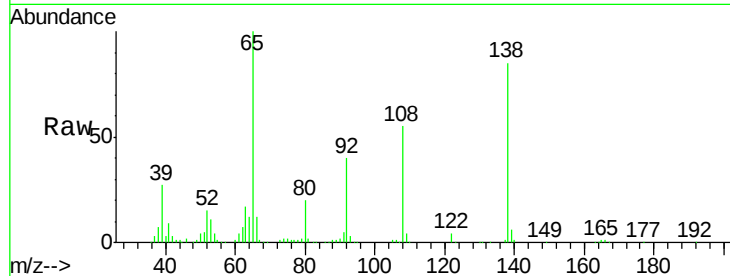
#61
4-Nitroaniline
Concen: 28.529 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	210563		
92	47.4	30.2	70.2	
108	65.2	52.5	92.5	

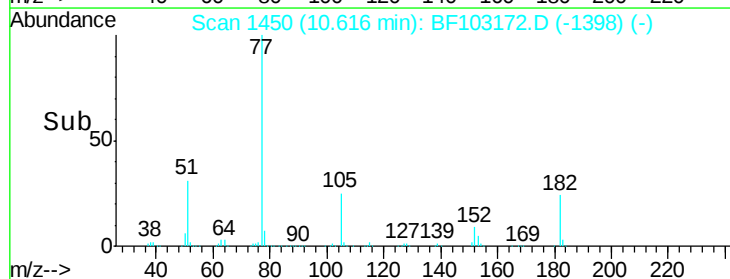
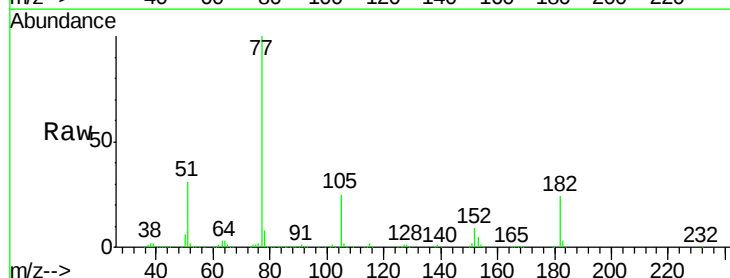
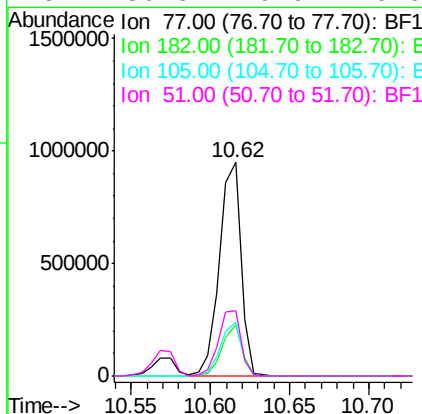
Manual Integrations
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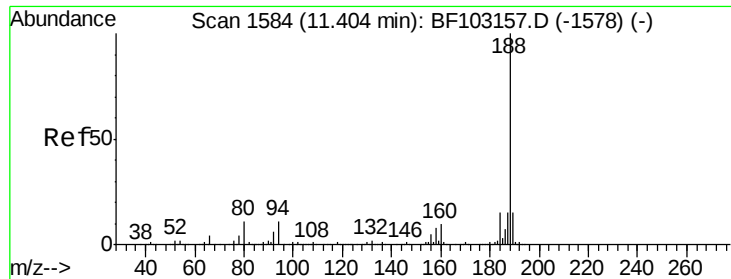
Sohil
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#62
Azobenzene
Concen: 33.293 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	899574		
182	24.0	1.7	41.7	
105	25.1	3.0	43.0	
51	30.6	9.9	49.9	





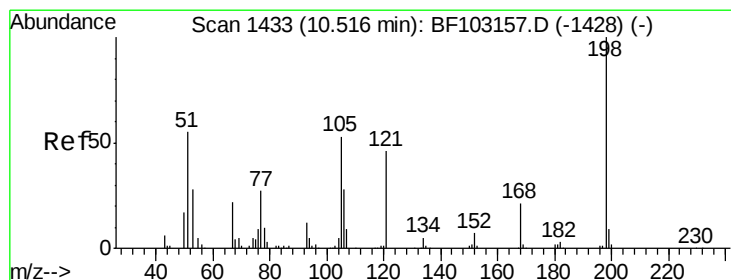
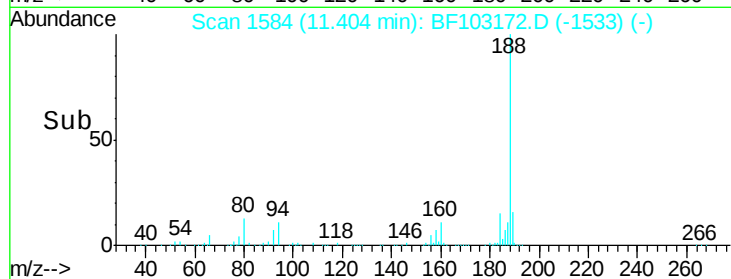
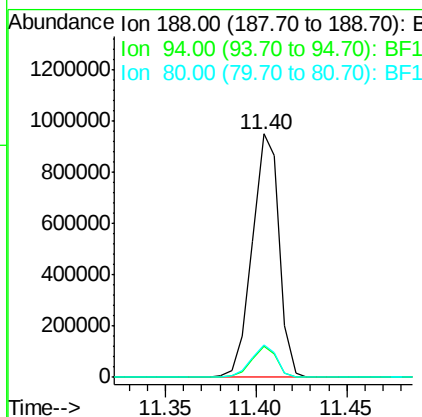
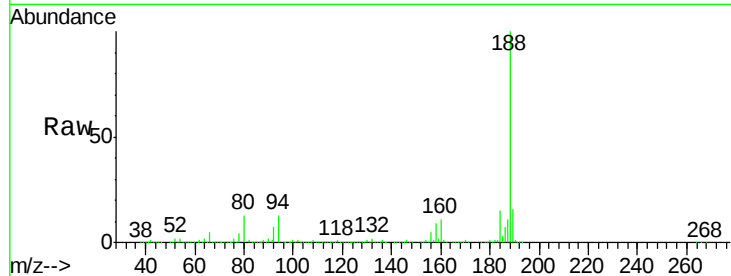
#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	977717		
94	12.6		8.5	12.7
80	13.4		9.2	13.8

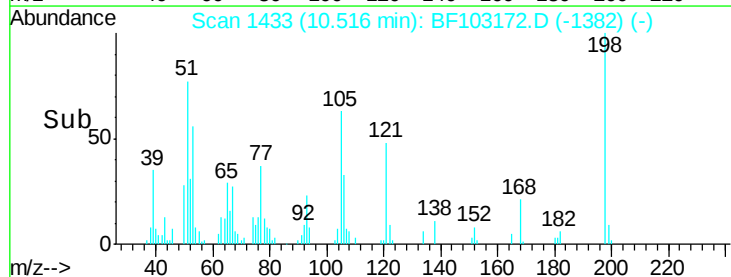
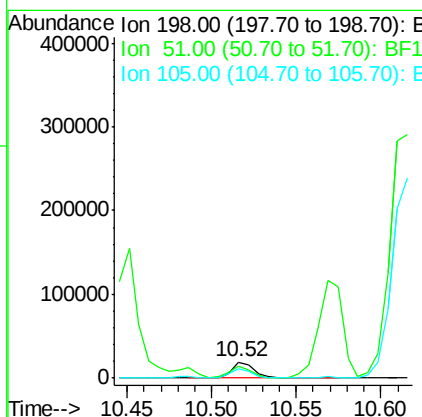
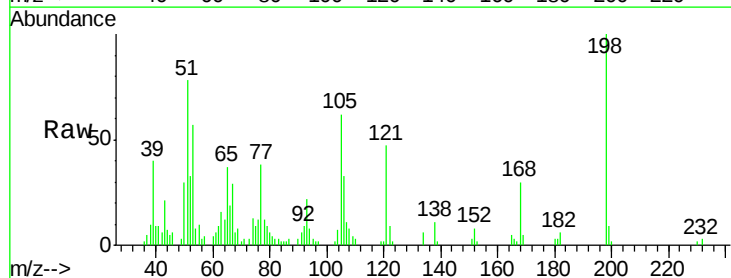
Manual Integrations
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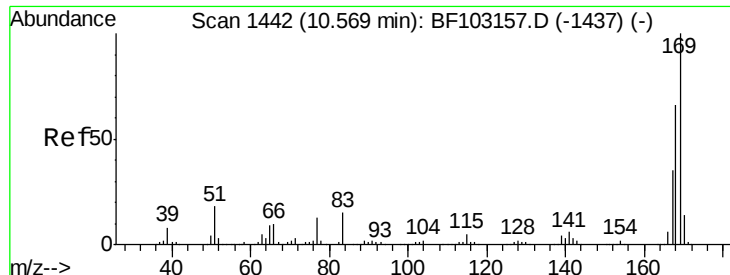
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 15.320 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18005		
51	78.0		37.7	77.7#
105	61.7		36.3	76.3





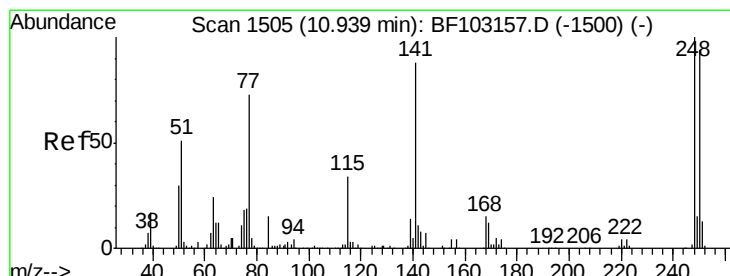
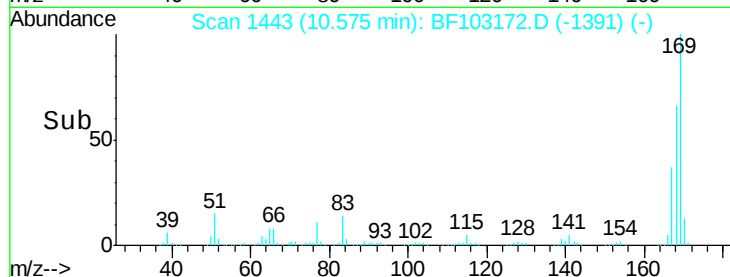
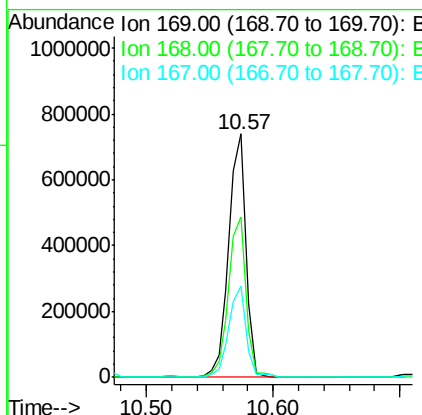
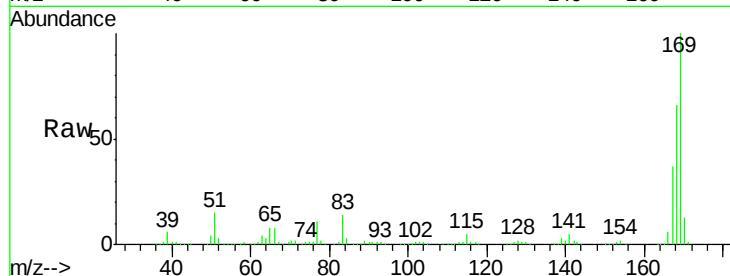
#65
n-Nitrosodiphenylamine
Concen: 40.863 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	695538		
168	66.1	54.4	81.6	
167	37.3	29.8	44.6	

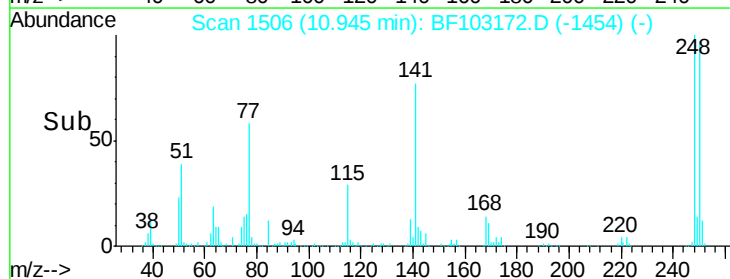
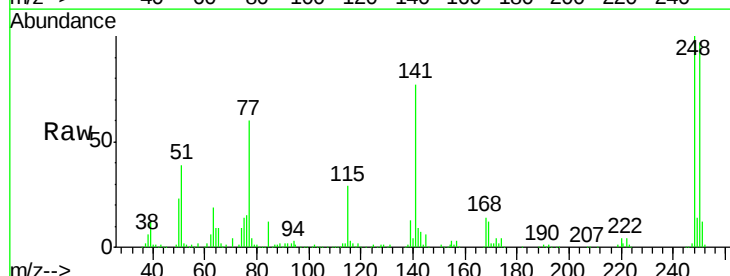
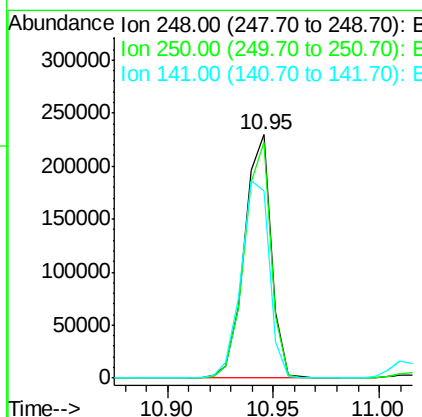
Manual Integrations
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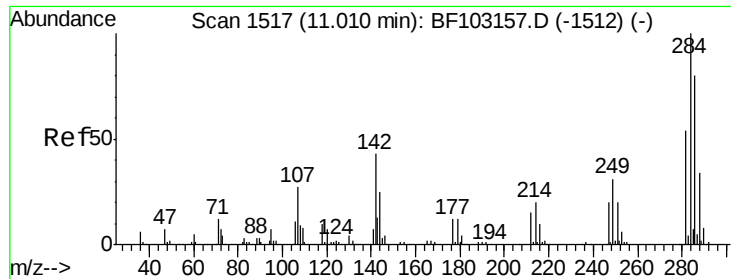
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 39.773 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	202543		
250	97.2	76.9	115.3	
141	77.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 36.926 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

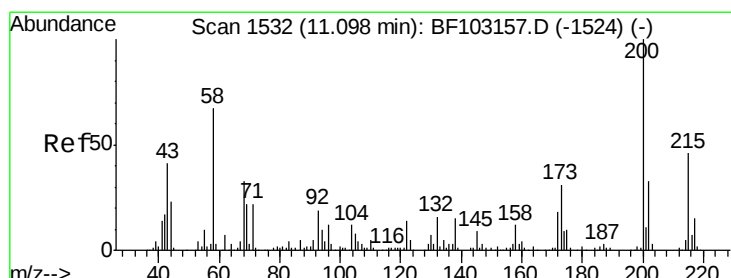
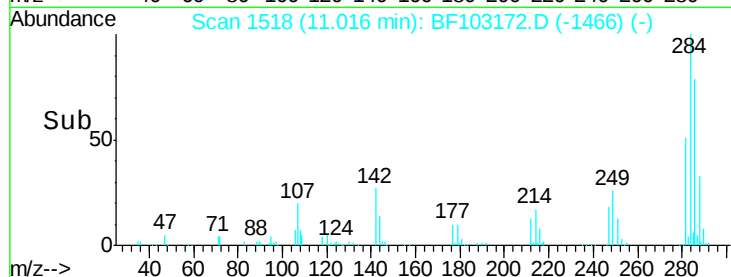
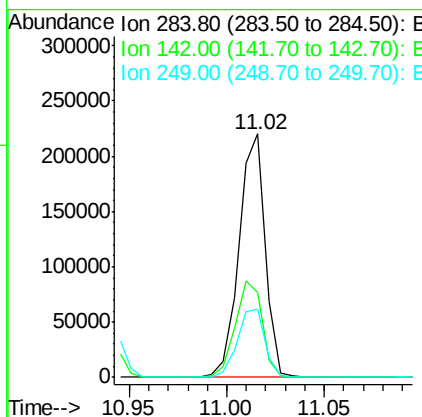
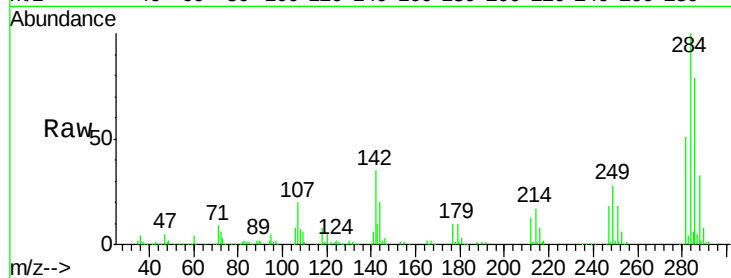
ClientSampleId :

HD-01-022118MS

Tot Ion:	284	Resp:	204103
Ion Ratio		Lower	Upper
284	100		
142	34.9	34.6	52.0
249	28.0	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 38.547 ng

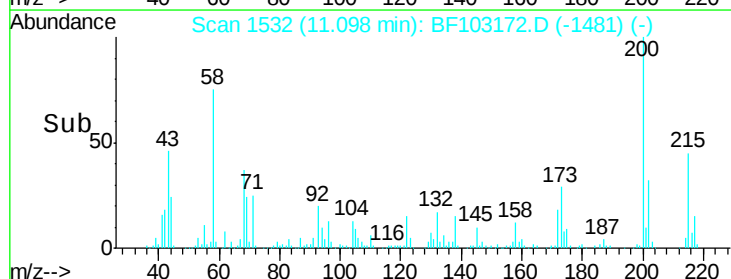
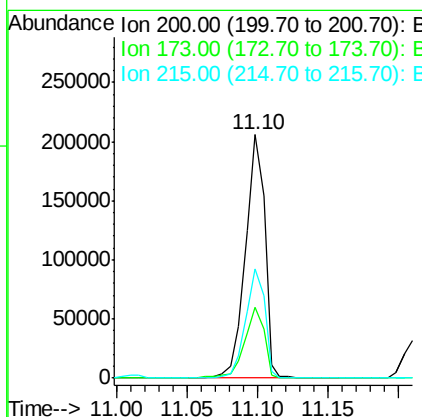
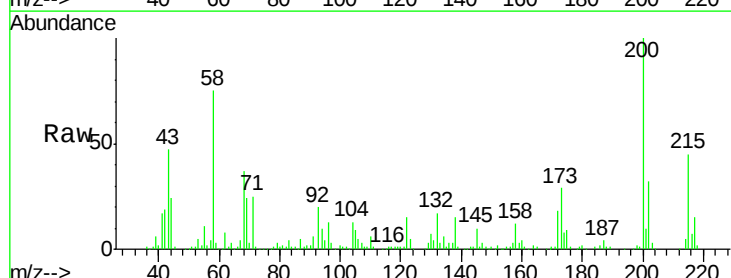
RT: 11.10 min Scan# 1532

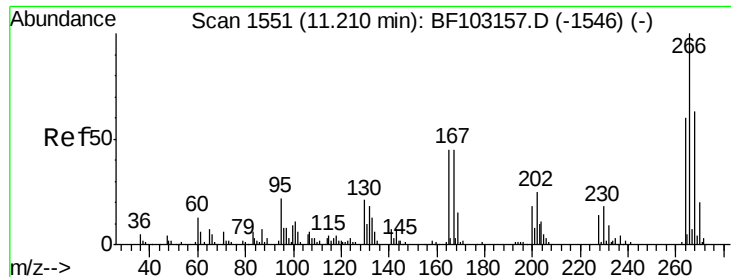
Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:	200	Resp:	197212
Ion Ratio		Lower	Upper
200	100		
173	29.2	8.6	48.6
215	45.1	25.1	65.1





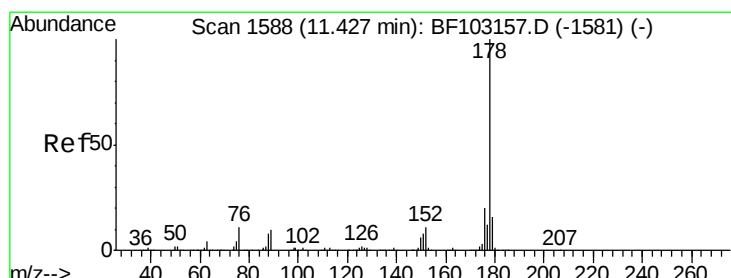
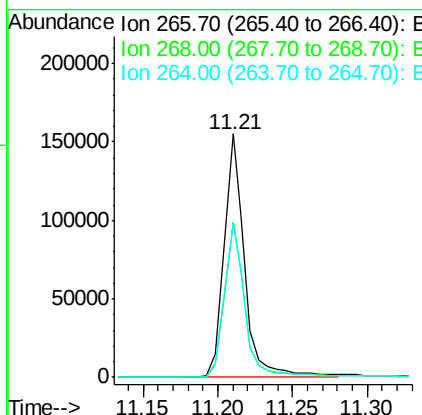
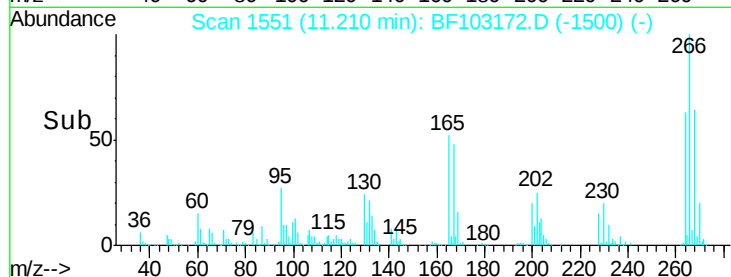
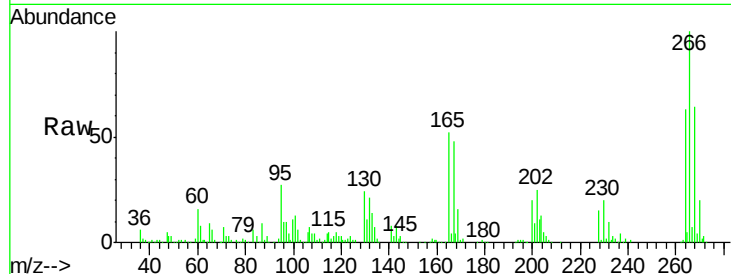
#69
 Pentachlorophenol
 Concen: 56.500 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.3	49.5	74.3

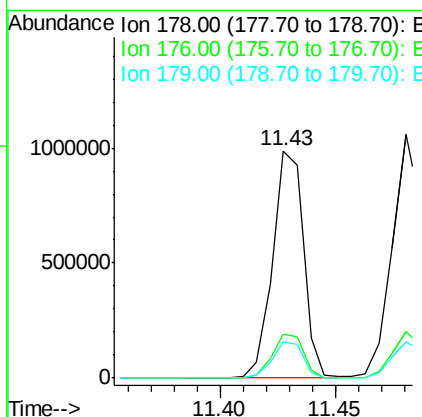
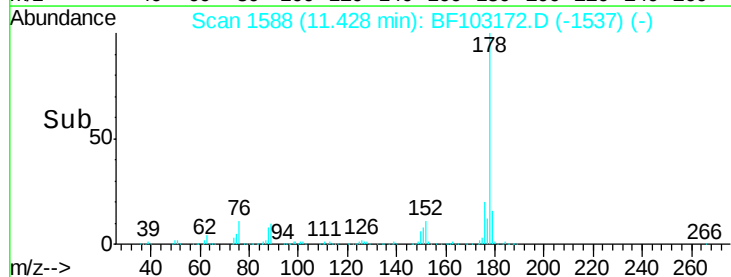
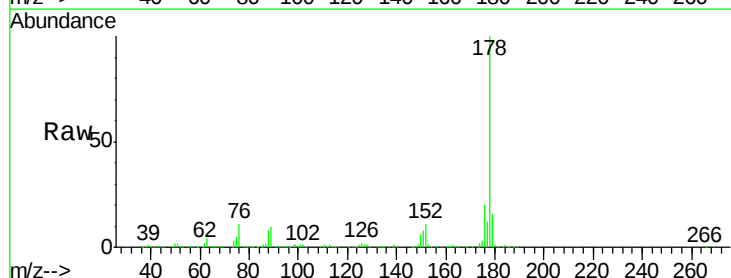
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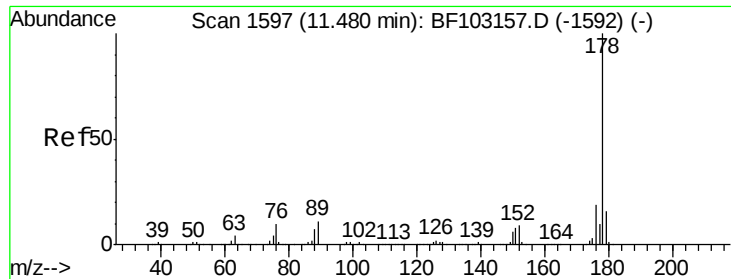
Sohil
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#70
 Phenanthrene
 Concen: 33.994 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.1	13.0	19.6





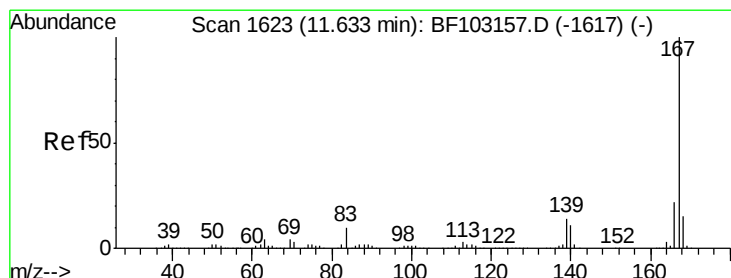
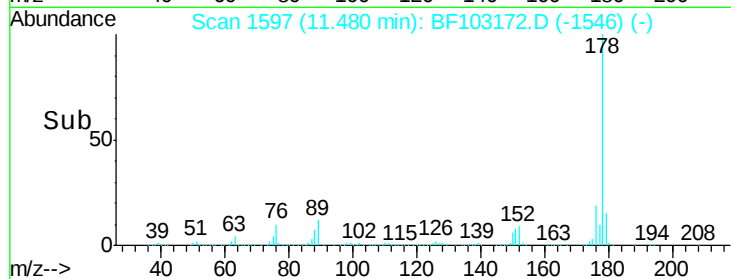
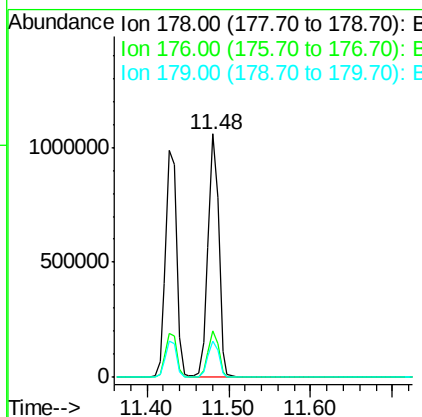
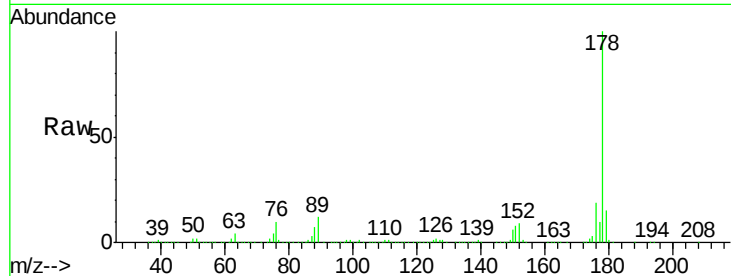
#71
 Anthracene
 Concen: 34.968 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.6	19.0

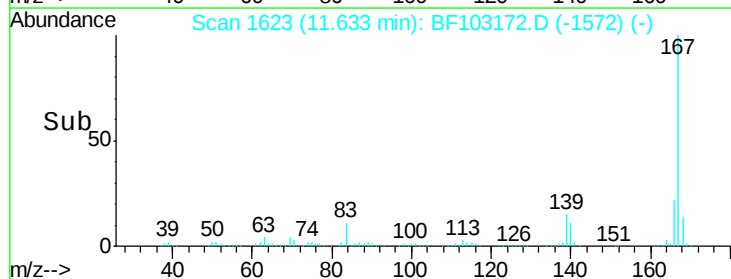
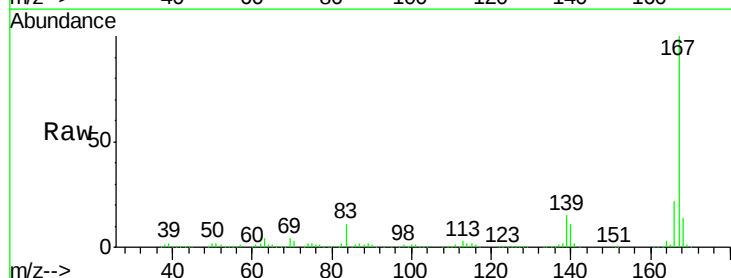
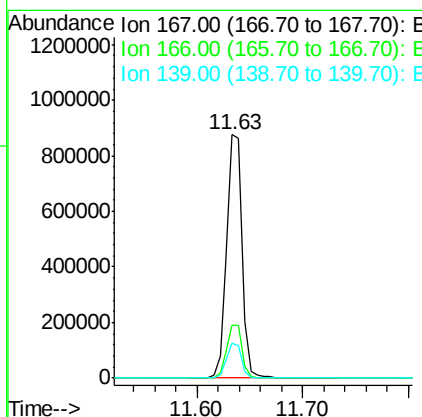
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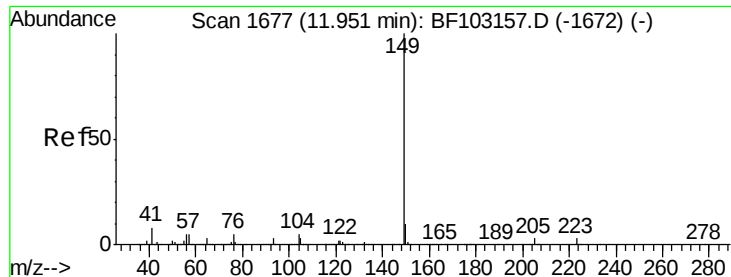
Sohil
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#72
 Carbazole
 Concen: 32.175 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.037 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

ClientSampleId :

HD-01-022118MS

Tot Ion:149 Resp: 1238839

Ion Ratio Lower Upper

149 100

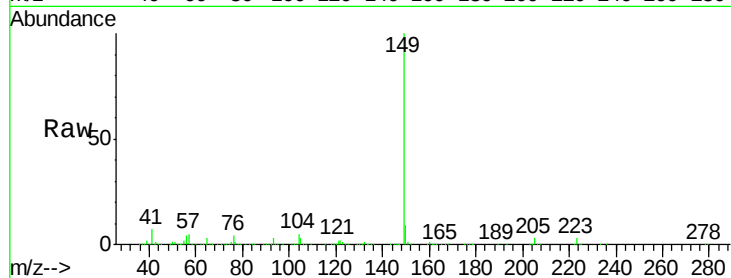
150 9.4 7.8 11.6

104 4.5 3.8 5.8

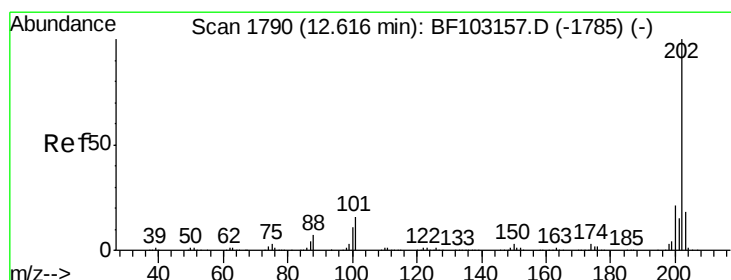
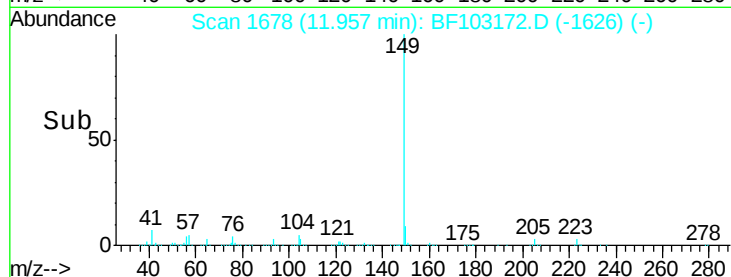
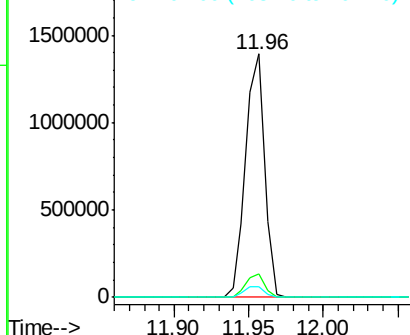
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.187 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

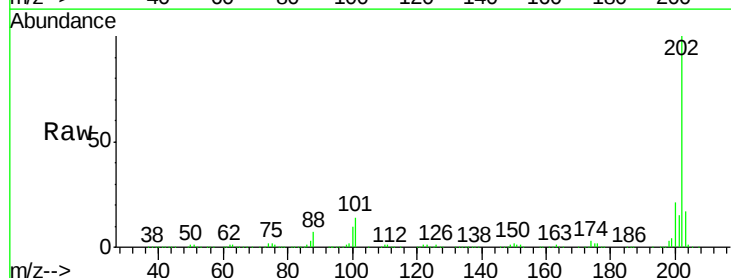
Tgt Ion:202 Resp: 816103

Ion Ratio Lower Upper

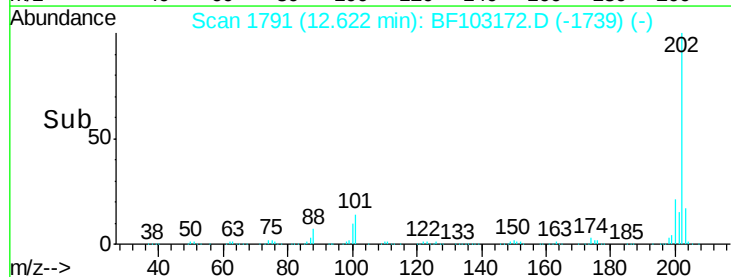
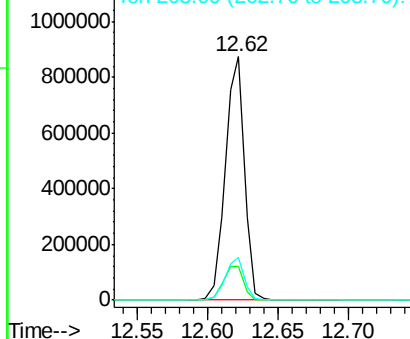
202 100

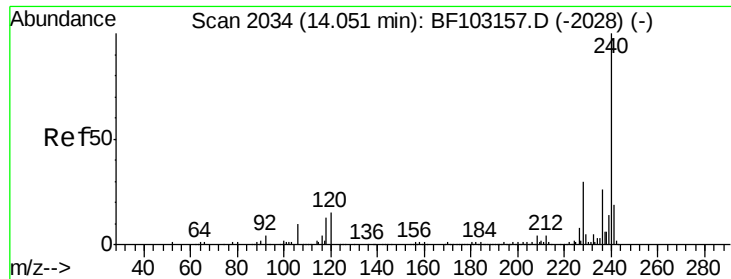
101 14.0 0.0 34.1

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: 40.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

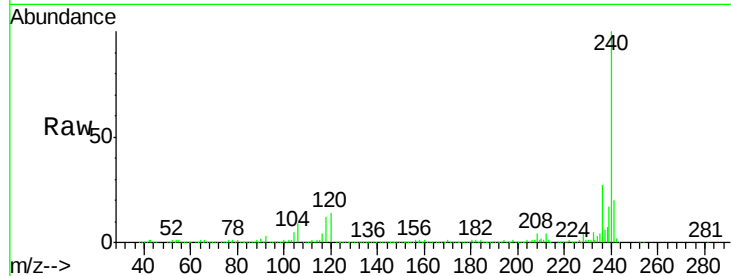
ClientSampleId :

HD-01-022118MS

Tot Ion:	240	Resp:	668953
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	26.8	20.7	31.1

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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

14.06

800000

600000

400000

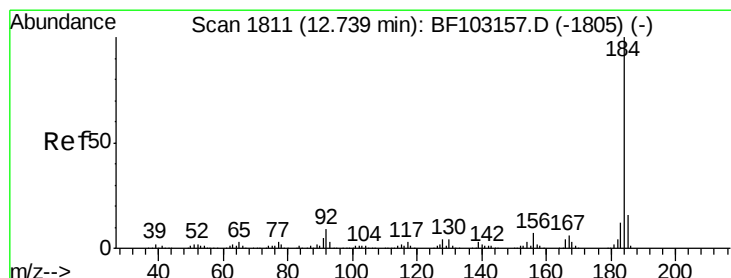
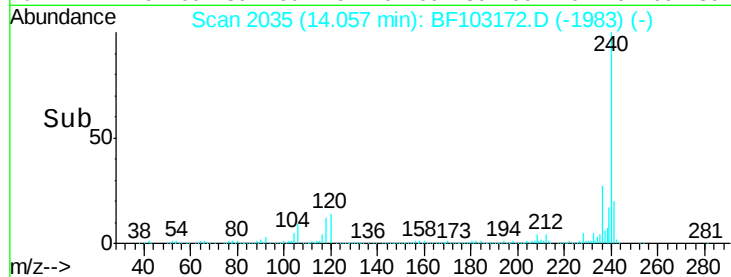
200000

0

14.00

14.10

Time-->



#76

Benzidine

Concen: 23.848 ng

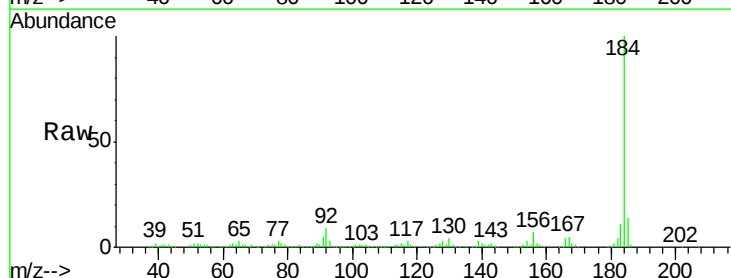
RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:	184	Resp:	298206
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	18.8
183	11.3	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

12.74

400000

300000

200000

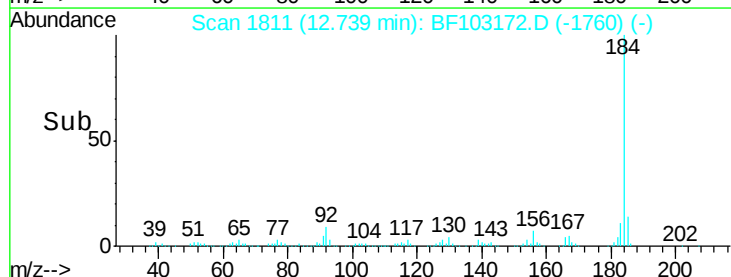
100000

0

12.70

12.80

Time-->





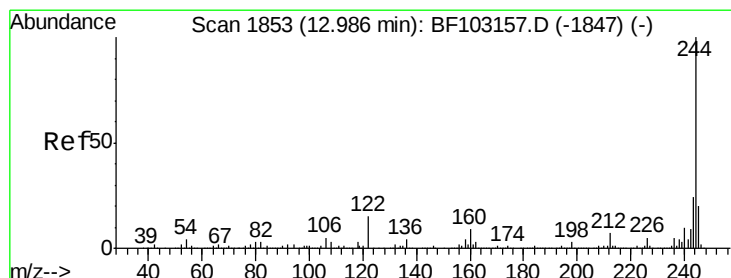
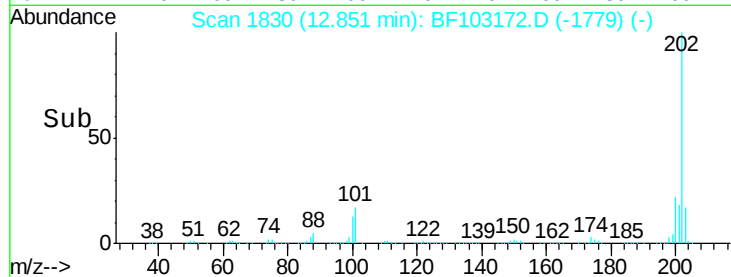
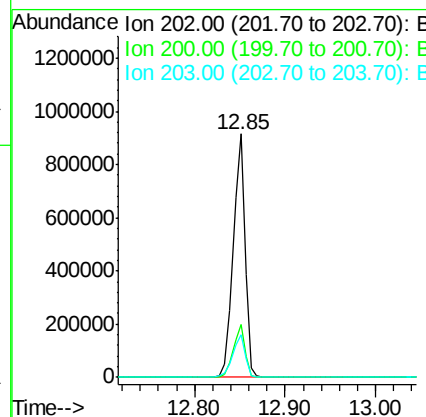
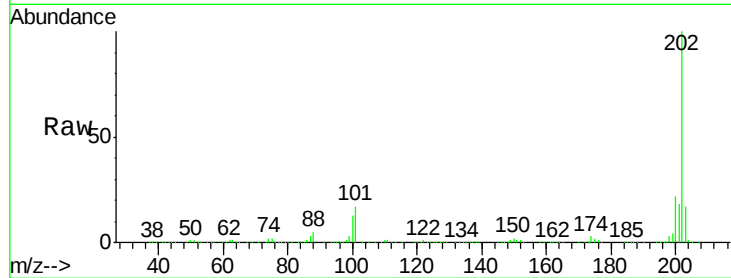
#77
Pvrene
Concen: 31.818 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5

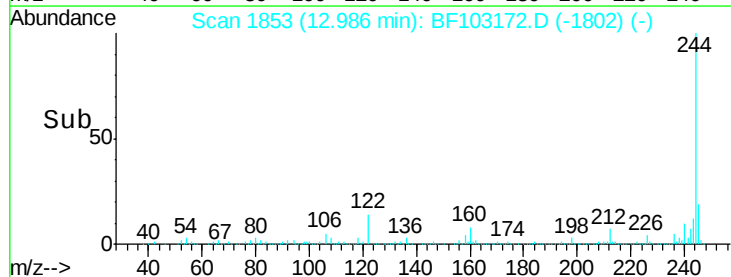
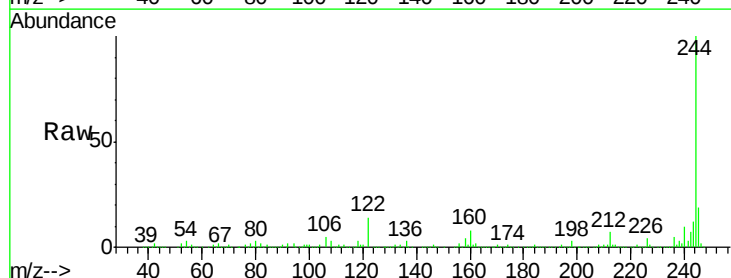
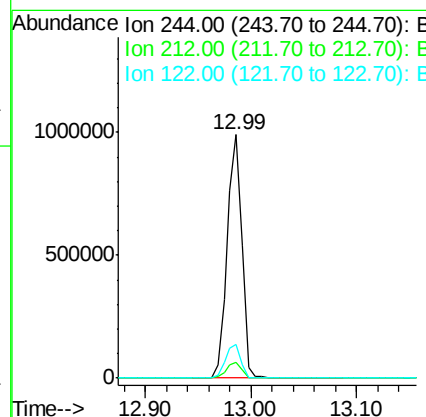
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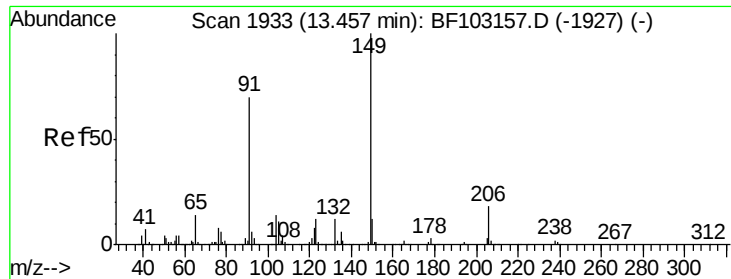
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#78
Terphenyl-d14
Concen: 69.464 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4





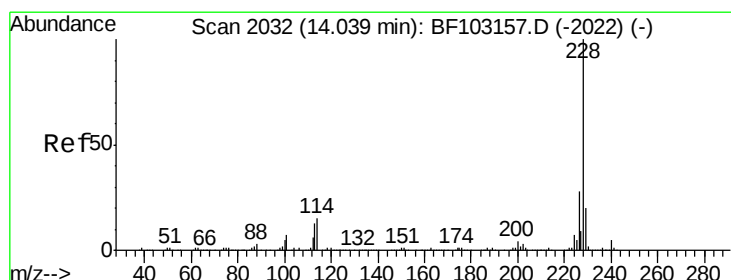
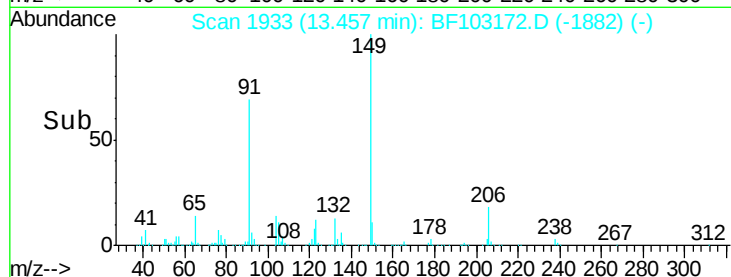
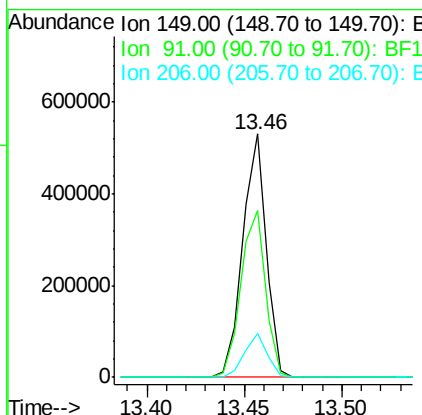
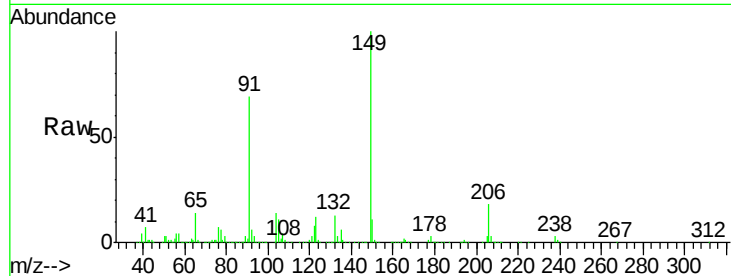
#79
Butylbenzylphthalate
Concen: 32.292 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.6	56.8	85.2
206	18.1	14.1	21.1

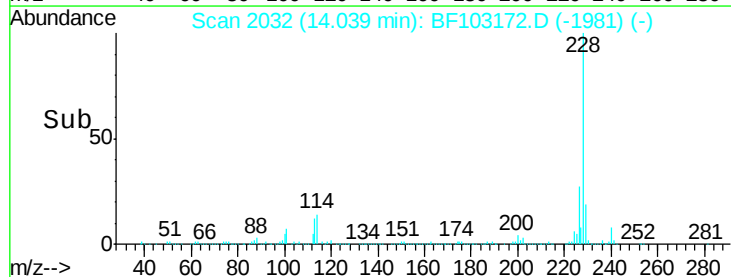
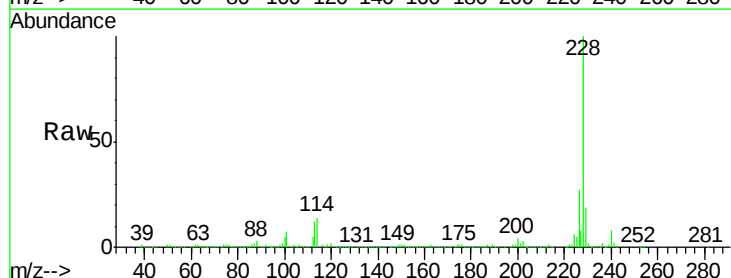
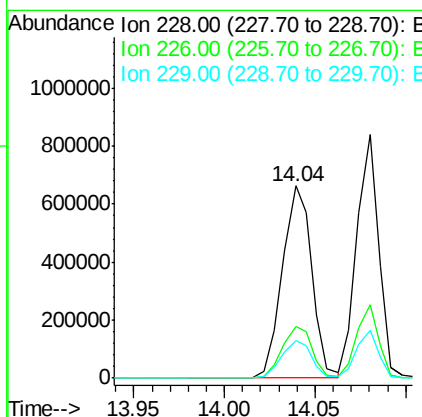
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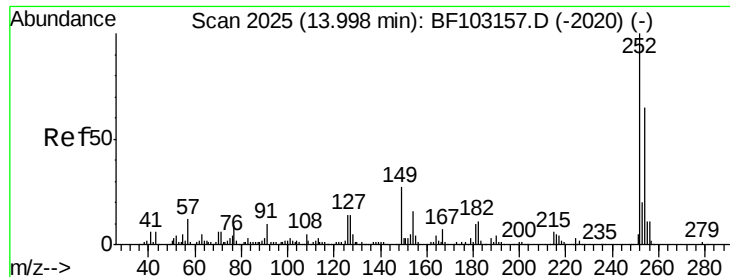
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#80
Benzo(a)anthracene
Concen: 34.729 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.4	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 22.578 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Instrument :

BNA_F

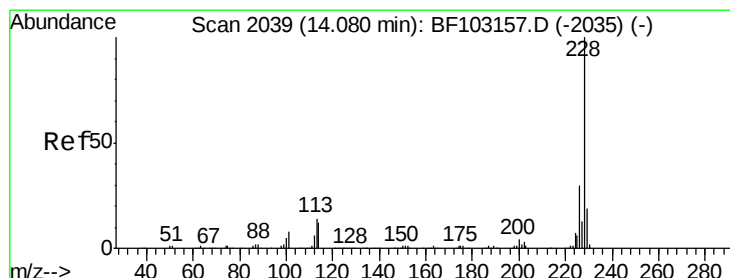
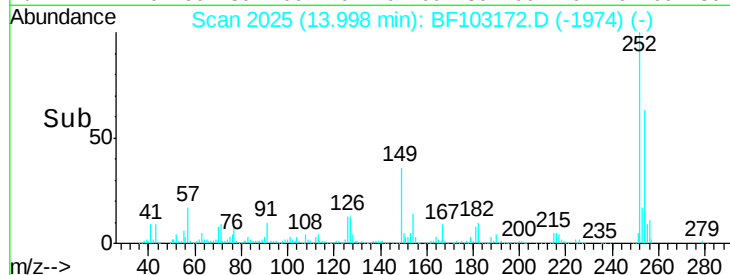
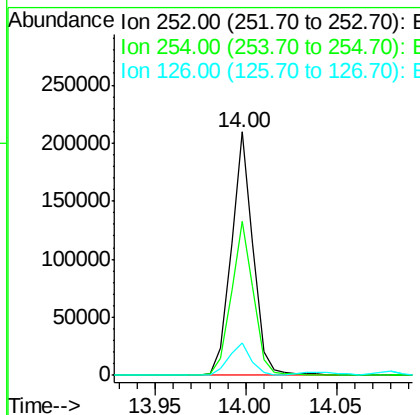
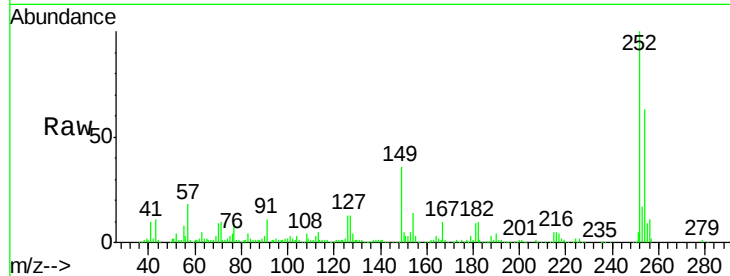
ClientSampleId :

HD-01-022118MS

Tot Ion:	252	Resp:	174863
Ion Ratio		Lower	Upper
252	100		
254	63.3	50.4	75.6
126	13.2	11.3	16.9

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#82

Chrysene

Concen: 33.817 ng

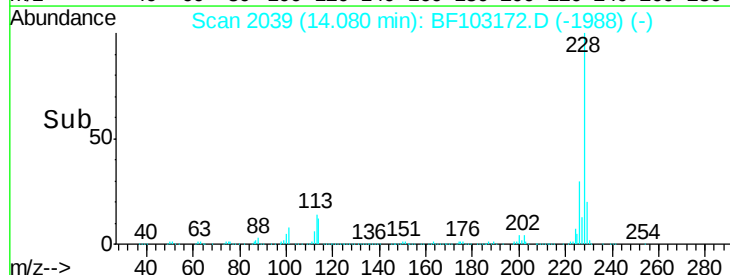
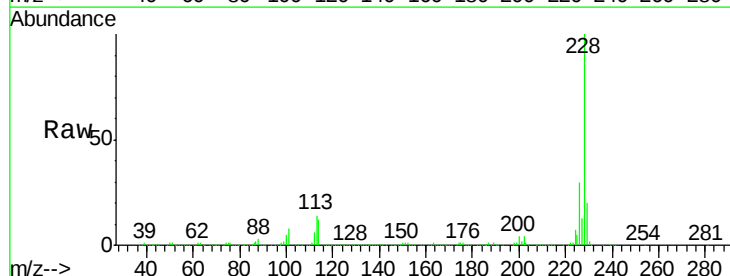
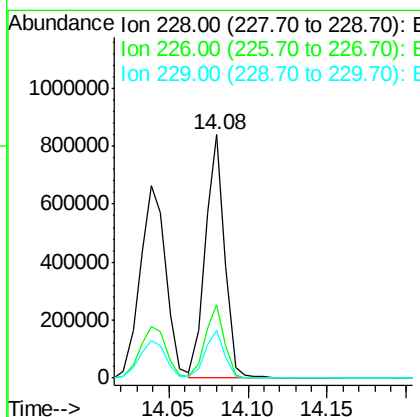
RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF103172.D

Acq: 22 Feb 2018 19:42

Tgt Ion:	228	Resp:	712590
Ion Ratio		Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.6	16.2	24.4





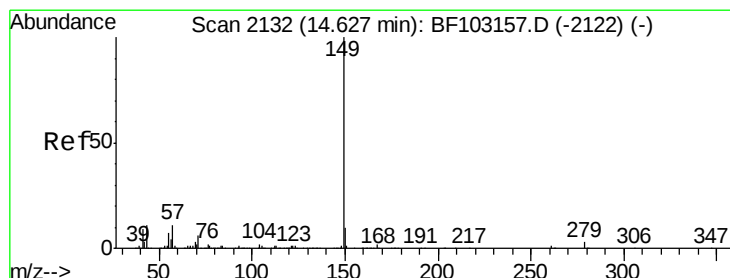
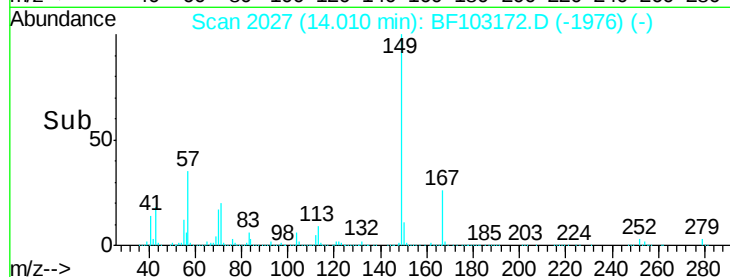
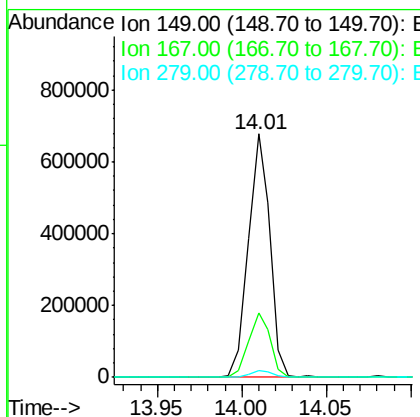
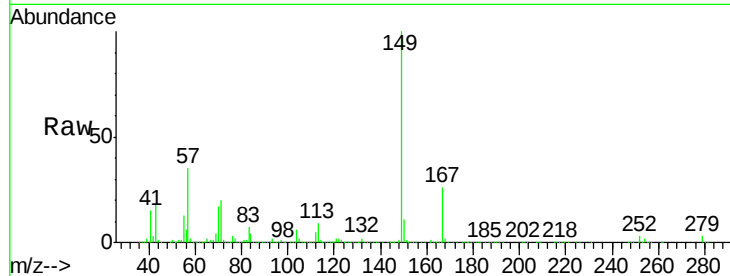
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.649 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.9	3.0	4.4

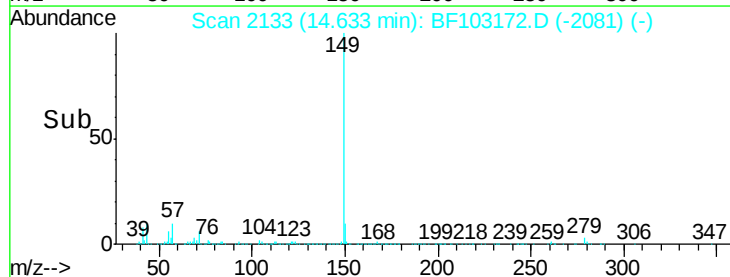
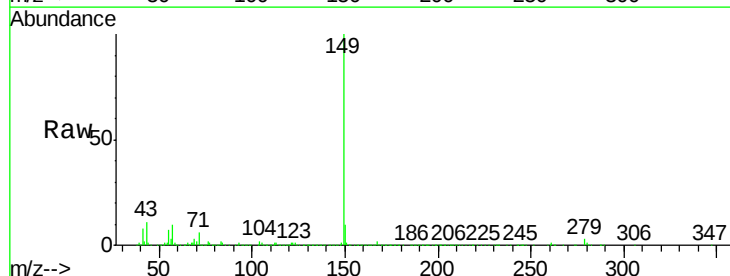
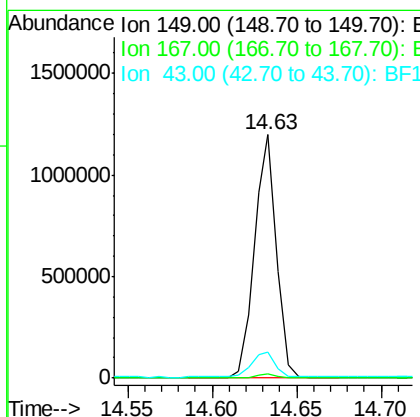
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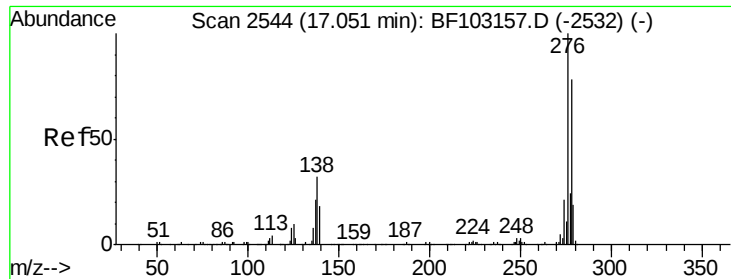
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#84
 Di-n-octyl phthalate
 Concen: 35.999 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6





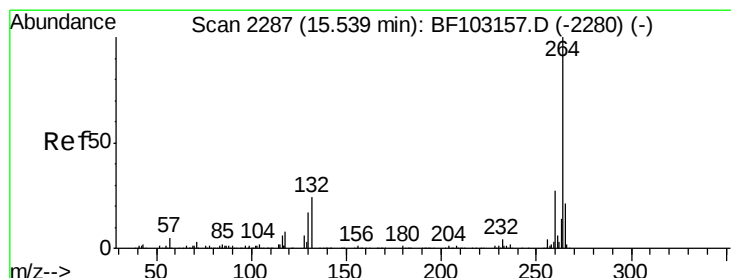
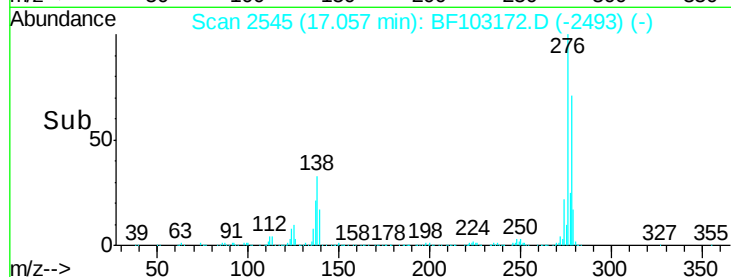
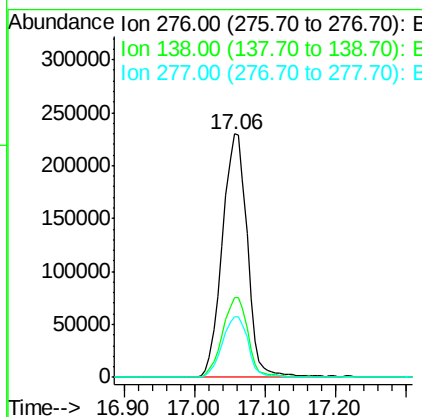
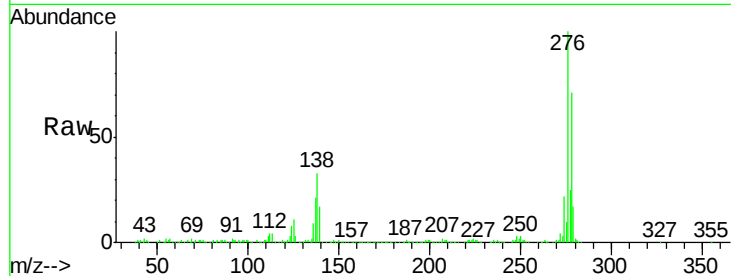
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.023 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.0	37.6
277	25.8	20.1	30.1

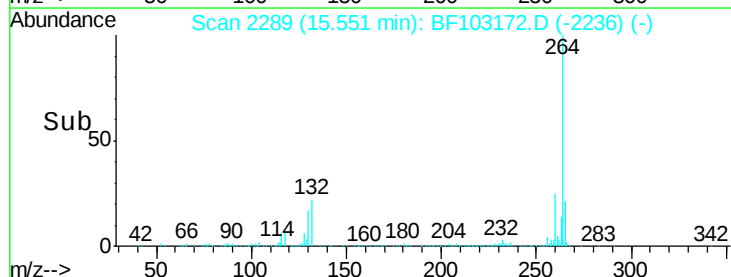
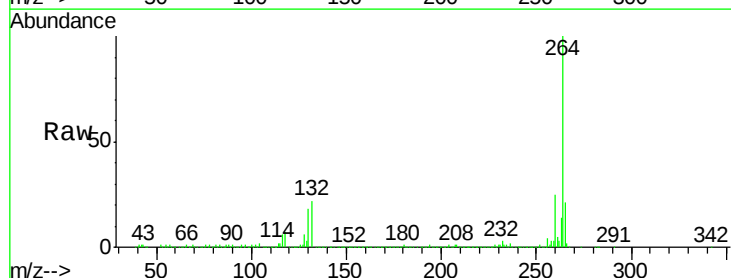
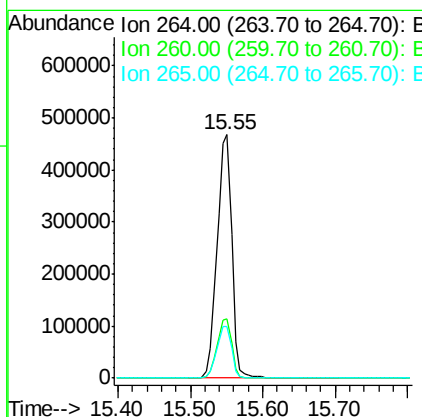
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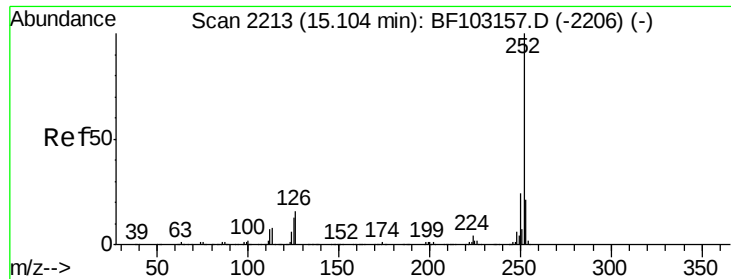
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#86
Perylene-d12
Concen: 40.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3





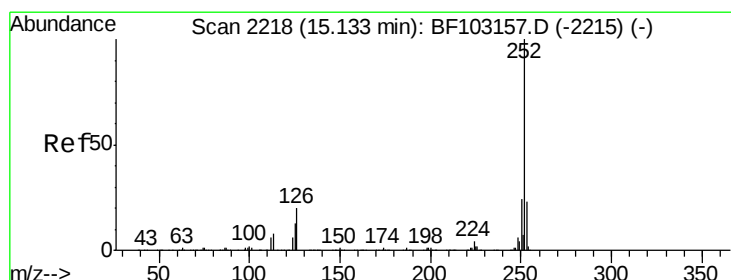
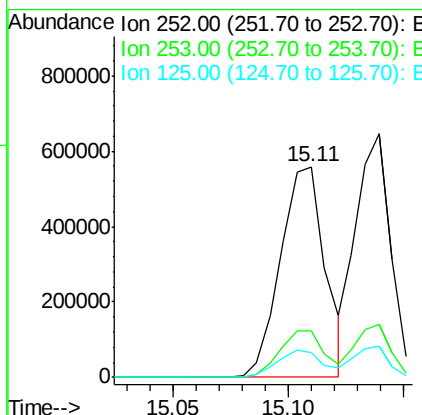
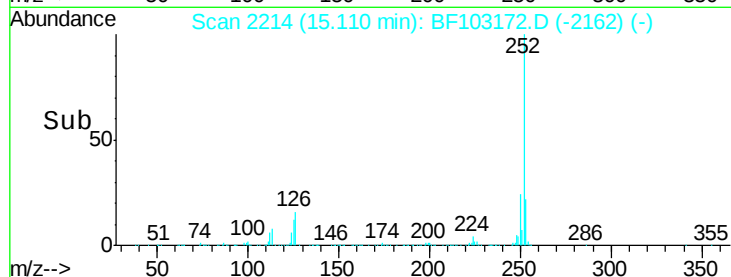
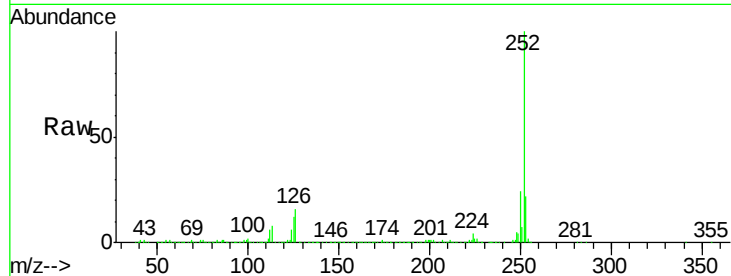
#87
Benzo(b)fluoranthene
Concen: 34.638 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.7	9.0	13.6

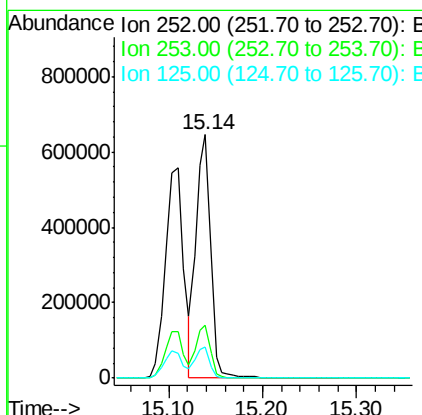
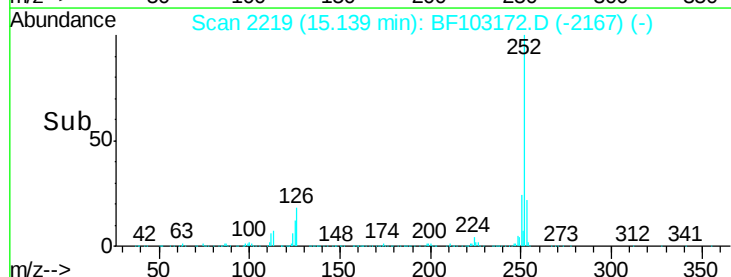
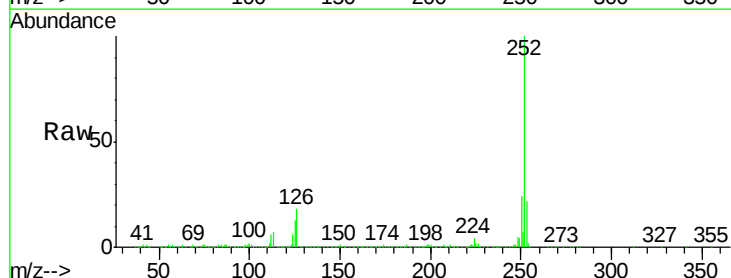
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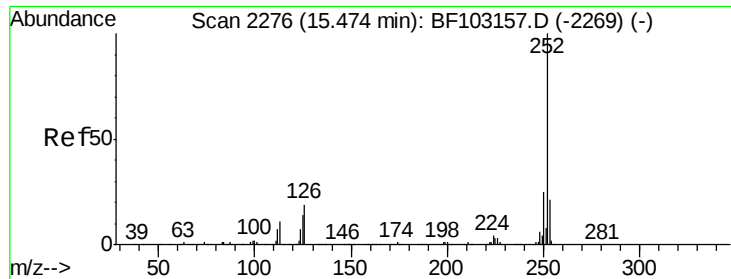
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#88
Benzo(k)fluoranthene
Concen: 33.885 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.5	10.2	15.2





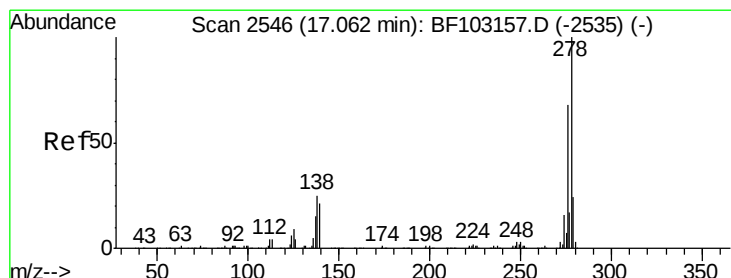
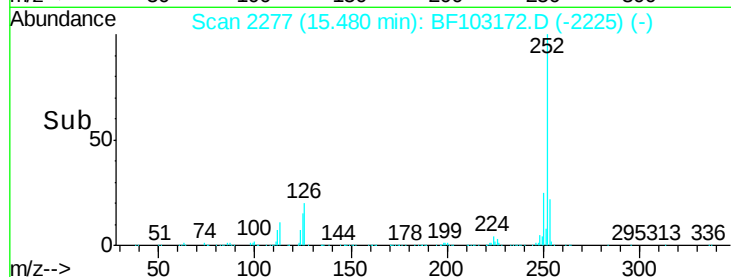
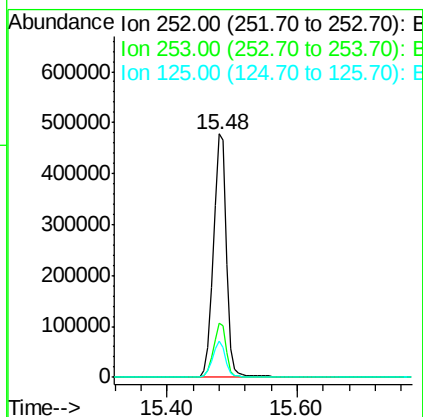
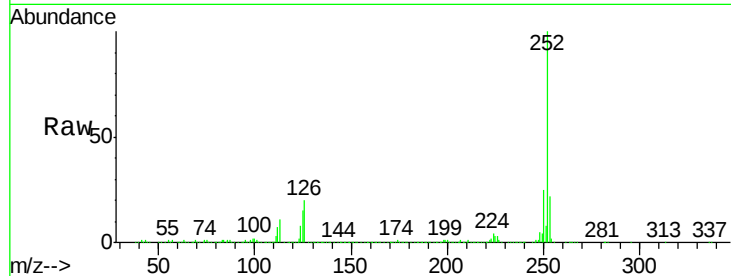
#89
Benzo(a)pyrene
Concen: 33.959 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.9	9.8	14.6

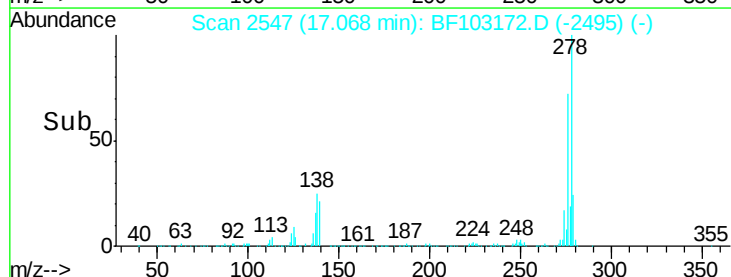
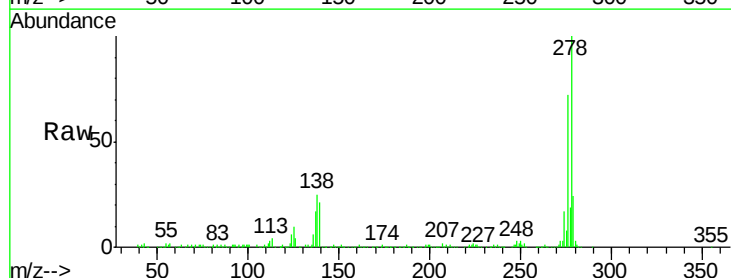
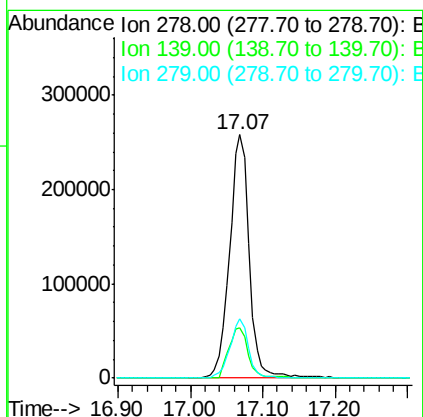
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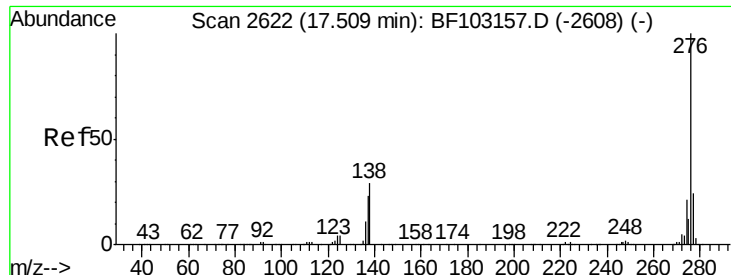
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 32.547 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF103172.D
Acq: 22 Feb 2018 19:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	24.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.338 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF103172.D
 Acq: 22 Feb 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.6	17.9	26.9	
138	27.6	21.8	32.8	

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