

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103371.D
 Acq On : 2 Mar 2018 17:59
 Operator : SJ/JU
 Sample : J1719-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:13:20 PM

Quant Time: Mar 02 22:43:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135028	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	586342	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	274264	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	469554	20.00	ng	0.00
75) Chrysene-d12	14.06	240	279339	20.00	ng	0.00
86) Perylene-d12	15.57	264	240911	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1048696	117.46	ng	0.01
7) Phenol-d6	6.52	99	1240234	113.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	846655	82.46	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	231834	99.86	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1160730	69.84	ng	0.00
78) Terphenyl-d14	12.99	244	1009599	86.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	181729	38.540	ng	92
3) Pyridine	3.50	79	465995	37.017	ng	99
4) n-Nitrosodimethylamine	3.44	42	255471	50.319	ng	92
6) Aniline	6.54	93	361239	22.912	ng	# 85
8) 2-Chlorophenol	6.66	128	393446	42.422	ng	90
9) Benzaldehyde	6.43	77	185367	25.074	ng	97
10) Phenol	6.53	94	537002	42.343	ng	91
11) bis(2-Chloroethyl)ether	6.61	93	404565	42.030	ng	91
12) 1,3-Dichlorobenzene	6.82	146	402023	37.931	ng	98
13) 1,4-Dichlorobenzene	6.89	146	407146	38.316	ng	99
14) 1,2-Dichlorobenzene	7.05	146	373892	38.159	ng	99
15) Benzyl Alcohol	7.02	79	342797	41.641	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	643541	38.934	ng	87
17) 2-Methylphenol	7.13	107	339098	40.232	ng	# 94
18) Hexachloroethane	7.38	117	155229	40.128	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	283005	41.624	ng	93
20) 3+4-Methylphenols	7.29	107	414300	40.324	ng	# 58
22) Acetophenone	7.29	105	539178	39.396	ng	# 88
24) Nitrobenzene	7.46	77	467884	41.391	ng	97
25) Isophorone	7.70	82	846470	41.860	ng	97
26) 2-Nitrophenol	7.77	139	225445	42.364	ng	92
27) 2,4-Dimethylphenol	7.81	122	367028	45.121	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	515056	43.322	ng	99
29) 2,4-Dichlorophenol	8.02	162	333488	42.822	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	308477	37.197	ng	97
31) Naphthalene	8.18	128	1162153	40.484	ng	100
32) Benzoic acid	7.90	122	17190m	9.352	ng	
33) 4-Chloroaniline	8.23	127	167949	13.558	ng	97
34) Hexachlorobutadiene	8.29	225	150632	34.880	ng	99
35) Caprolactam	8.60	113	113686m	41.536	ng	
36) 4-Chloro-3-methylphenol	8.72	107	377976	43.030	ng	98
37) 2-Methylnaphthalene	8.87	142	718478	38.727	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	266967	35.606	ng	98
40) Hexachlorocyclopentadiene	9.02	237	98589	42.044	ng	96

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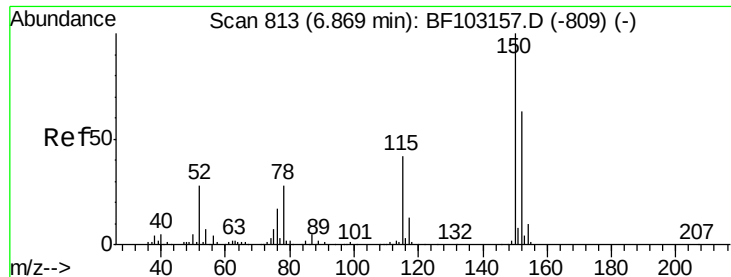
Manual Integrations
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 3/5/2018 3:13:20 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	198114	39.269	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	209910	36.175	nq	98
45) 1,1'-Biphenyl	9.33	154	802399	34.914	nq	99
46) 2-Chloronaphthalene	9.36	162	645541	35.505	nq	99
47) 2-Nitroaniline	9.47	65	281461	41.791	nq	89
48) Acenaphthylene	9.78	152	1025556	36.660	nq	99
49) Dimethylphthalate	9.63	163	864417	39.288	nq	100
50) 2,6-Dinitrotoluene	9.71	165	177223	38.383	nq	98
51) Acenaphthene	9.95	154	594186	36.426	nq	99
52) 3-Nitroaniline	9.88	138	142716	24.363	nq	99
53) 2,4-Dinitrophenol	10.00	184	83237	53.528	nq	# 17
54) Dibenzofuran	10.13	168	847773	37.860	nq	96
55) 4-Nitrophenol	10.05	139	239769	66.042	nq	# 86
56) 2,4-Dinitrotoluene	10.12	165	224080	38.373	nq	# 79
57) Fluorene	10.47	166	685087	35.914	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	160341	41.134	nq	95
59) Diethylphthalate	10.33	149	788571	37.474	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	297939	36.831	nq	98
61) 4-Nitroaniline	10.50	138	209005	35.721	nq	99
62) Azobenzene	10.62	77	854980	39.916	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	98273	35.798	nq	94
65) n-Nitrosodiphenylamine	10.57	169	614081	37.560	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	176237	36.030	nq	100
67) Hexachlorobenzene	11.02	284	183126	34.493	nq	97
68) Atrazine	11.10	200	194967	39.675	nq	98
69) Pentachlorophenol	11.22	266	168586	65.674	nq	99
70) Phenanthrene	11.44	178	1005882	38.926	nq	99
71) Anthracene	11.49	178	1004456	37.906	nq	100
72) Carbazole	11.64	167	986842	37.398	nq	98
73) Di-n-butylphthalate	11.96	149	1225856	37.126	nq	99
74) Fluoranthene	12.63	202	1025375	39.487	nq	98
76) Benzidine	12.75	184	275544	26.385	nq	97
77) Pyrene	12.86	202	1008694	46.315	nq	99
79) Butylbenzylphthalate	13.46	149	503975	43.798	nq	97
80) Benzo(a)anthracene	14.05	228	725462	40.026	nq	98
81) 3,3'-Dichlorobenzidine	14.01	252	162647	25.145	nq	99
82) Chrysene	14.09	228	685672	38.962	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	649389	41.821	nq	# 100
84) Di-n-octyl phthalate	14.64	149	1035483	41.273	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	646459	46.400	nq	99
87) Benzo(b)fluoranthene	15.13	252	636128	40.160	nq	99
88) Benzo(k)fluoranthene	15.16	252	527158	35.343	nq	99
89) Benzo(a)pyrene	15.51	252	565852	40.004	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	509887	46.651	nq	98
91) Benzo(g,h,i)perylene	17.58	276	584845	54.749	nq	98

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



#1

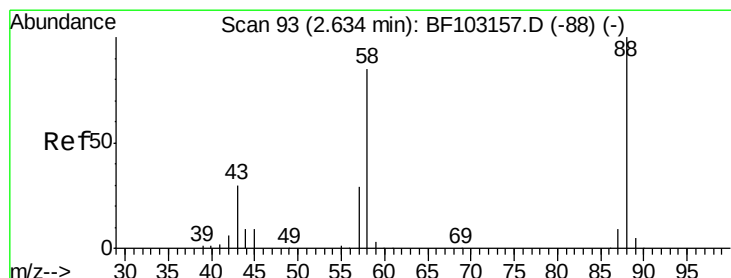
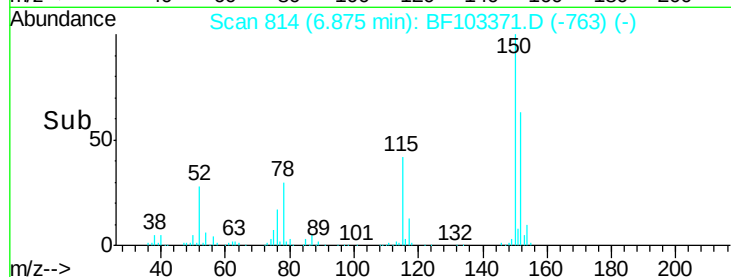
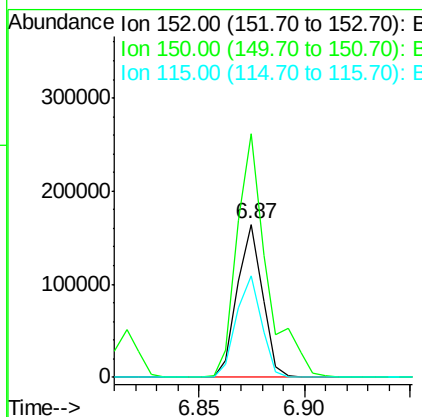
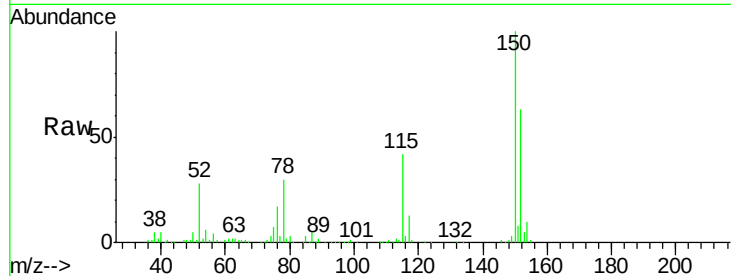
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	66.1	50.1	75.1

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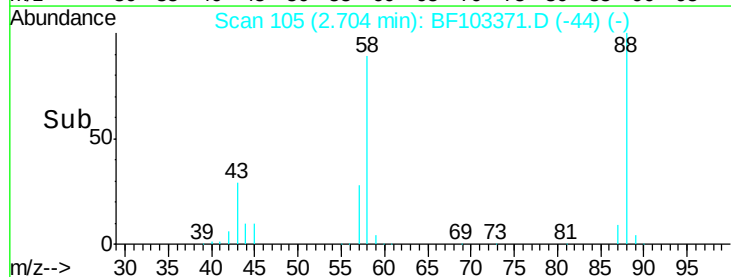
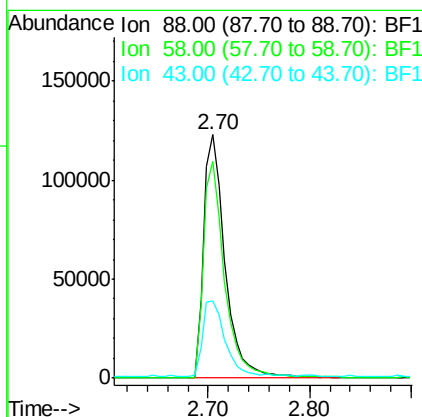
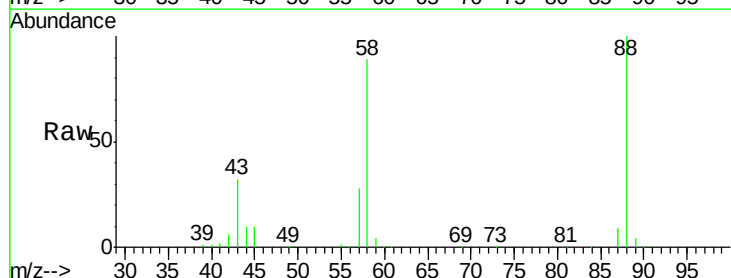
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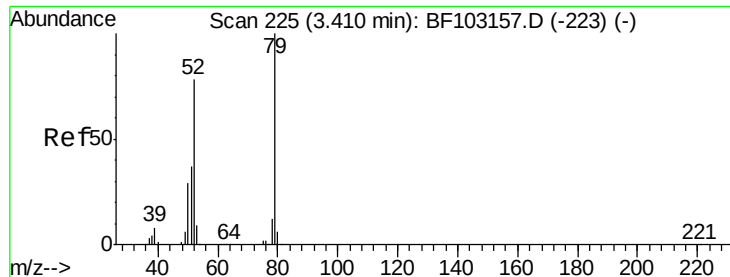


#2

1,4-Dioxane
Concen: 38.540 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.06 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	62.6	93.8
43	32.5	24.6	37.0





#3

Pvridine

Concen: 37.017 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.07 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

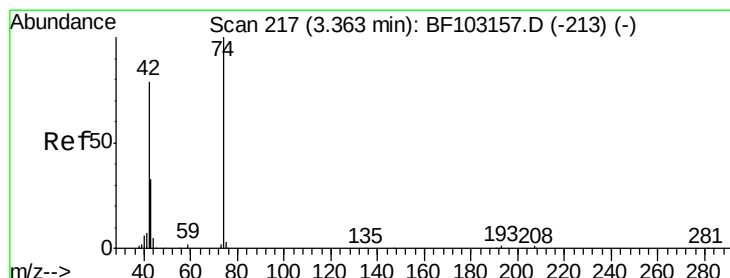
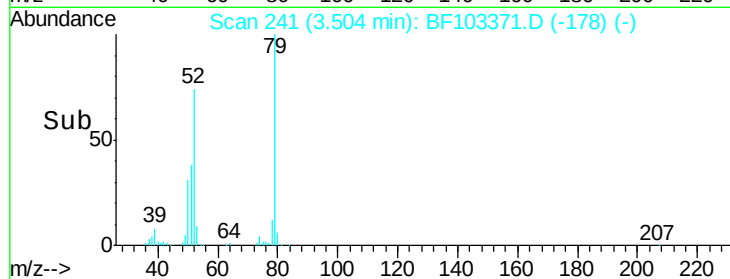
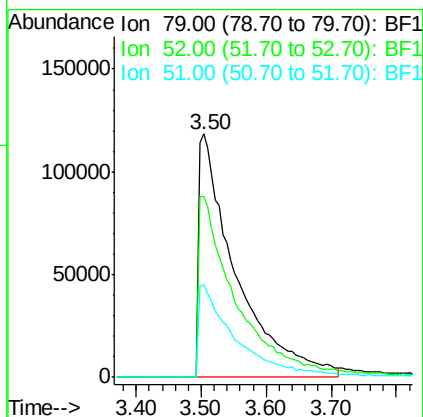
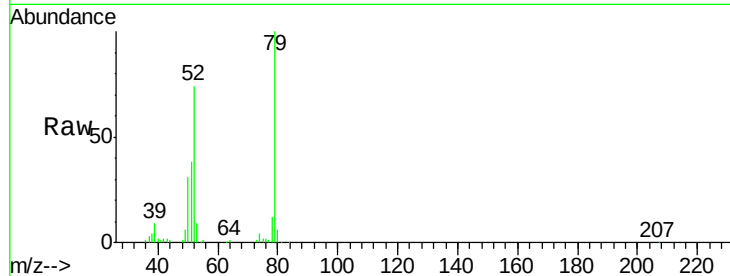
ClientSampleId :

TP-2MSD

Tot Ion:	79	Resp:	465995
Ion	Ratio	Lower	Upper
79	100		
52	74.2	59.8	89.6
51	38.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.319 ng

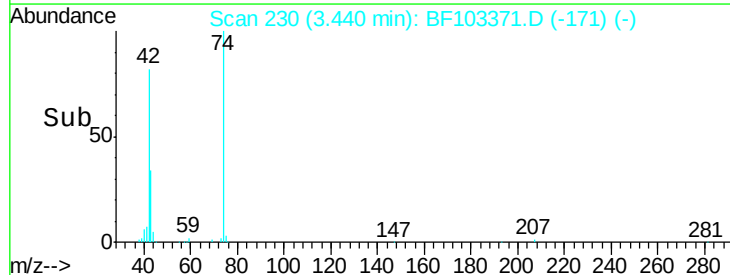
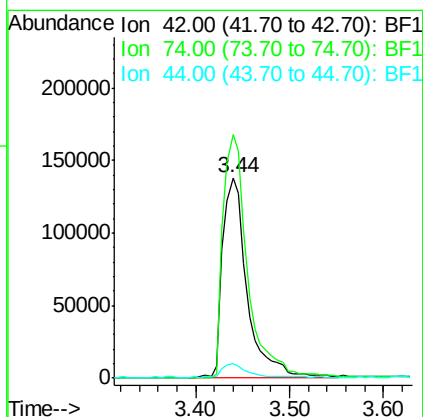
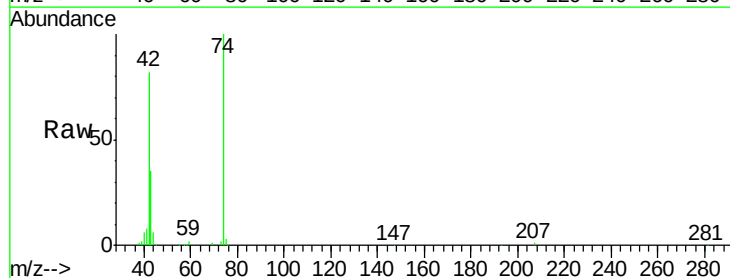
RT: 3.44 min Scan# 230

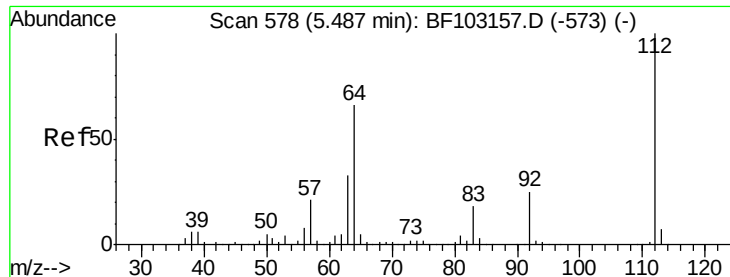
Delta R.T. 0.05 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Tgt Ion:	42	Resp:	255471
Ion	Ratio	Lower	Upper
42	100		
74	121.6	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 117.463 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion: 112 Resp: 1048696

Ion Ratio Lower Upper

112 100

64 62.7 47.9 71.9

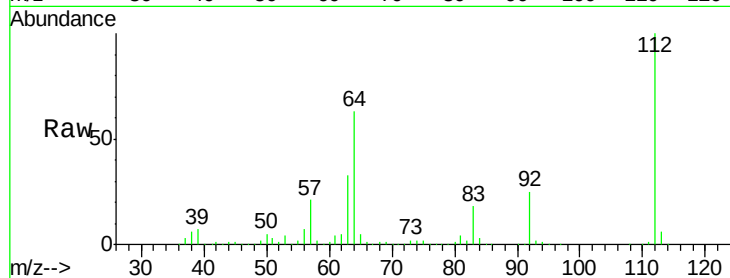
63 32.6 23.7 35.5

Manual Integrations

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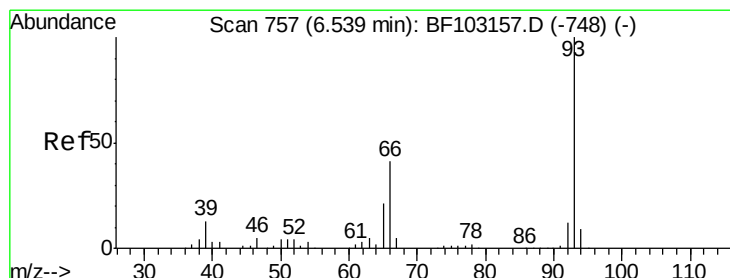
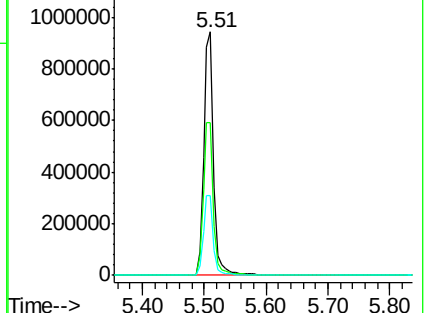
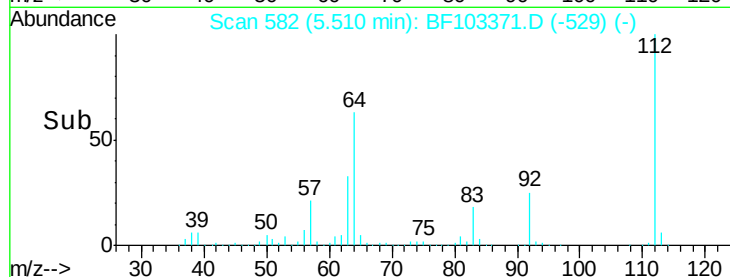
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.912 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

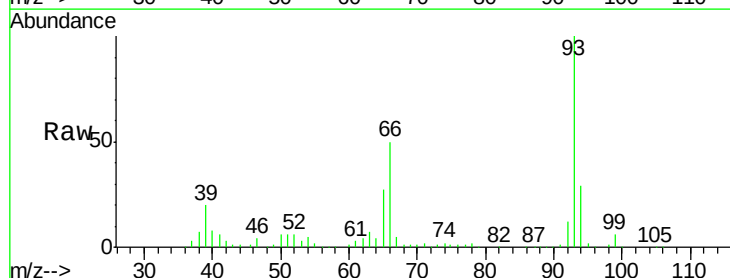
Tgt Ion: 93 Resp: 361239

Ion Ratio Lower Upper

93 100

66 49.9 32.2 48.2#

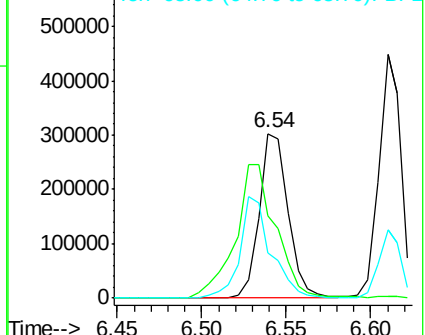
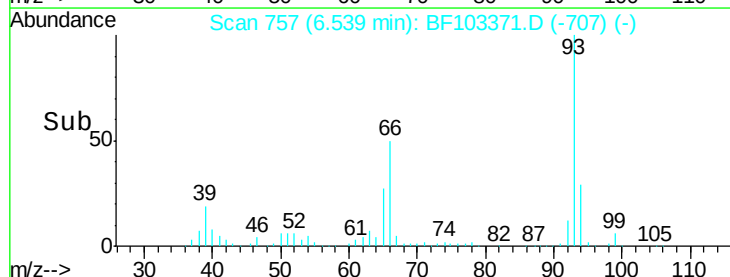
65 27.4 16.4 24.6#

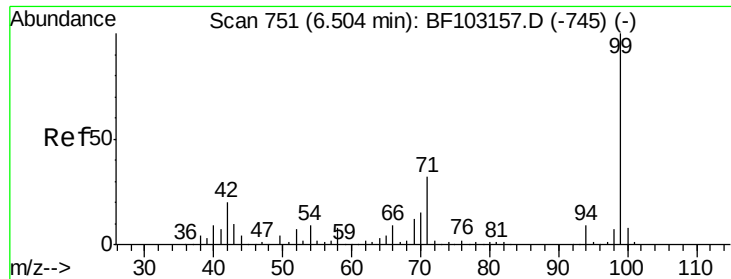


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.527 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion: 99 Resp: 1240234

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

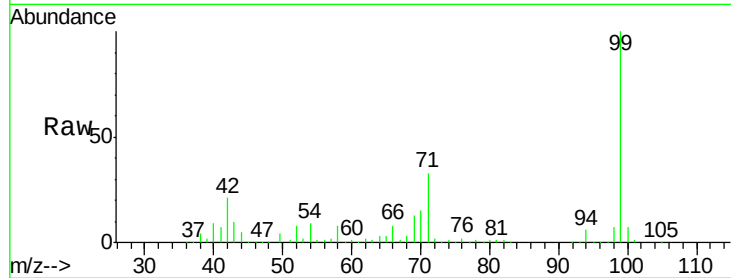
71 33.2 25.4 38.0

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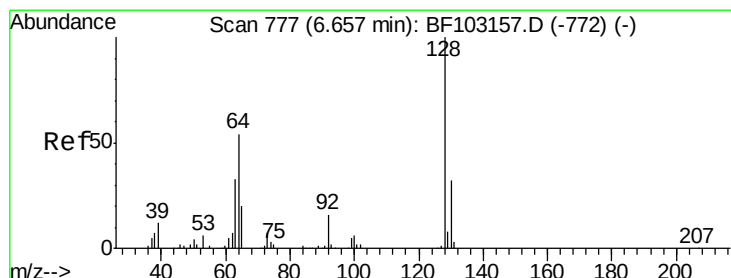
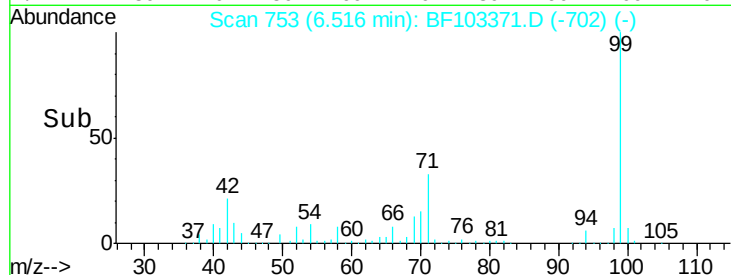
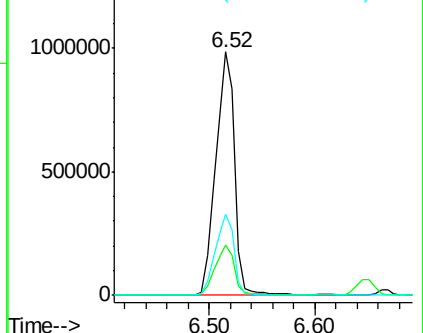
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.422 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

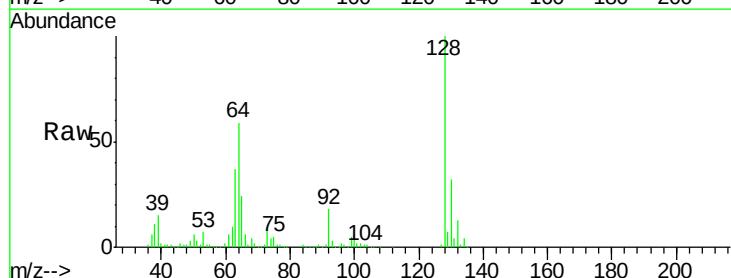
Tgt Ion:128 Resp: 393446

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

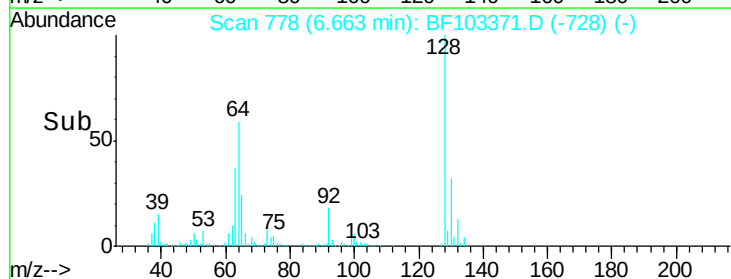
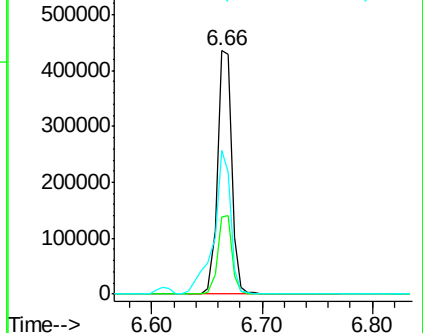
64 59.3 29.4 69.4

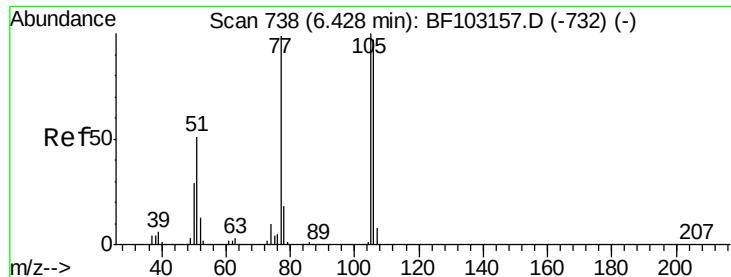


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.074 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

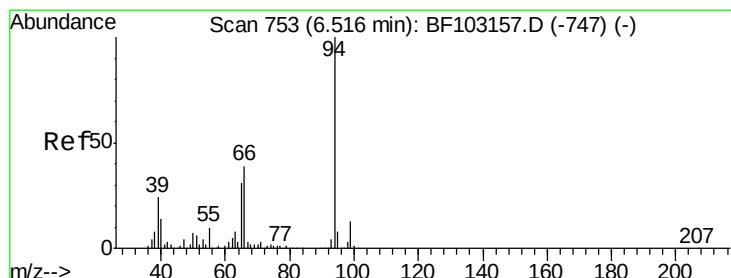
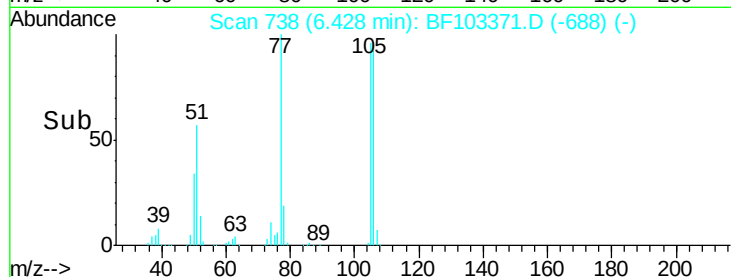
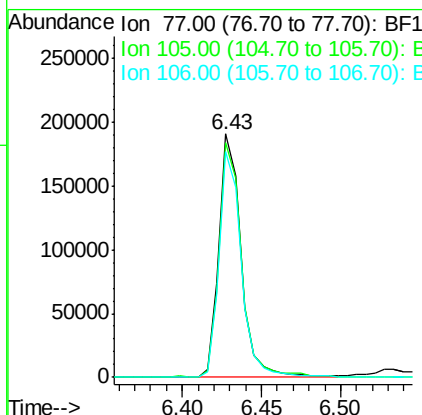
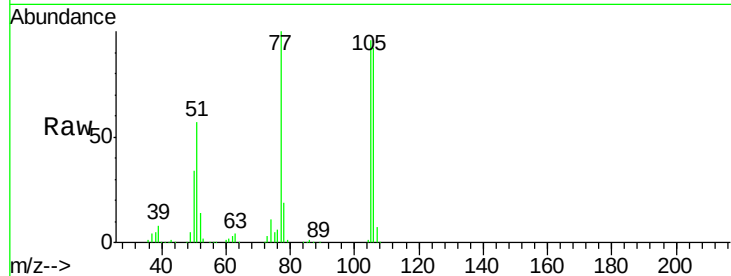
ClientSampled :

TP-2MSD

Tot Ion:	77	Resp:	185367
Ion Ratio	Lower	Upper	
77	100		
105	96.3	81.1	121.1
106	92.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.343 ng

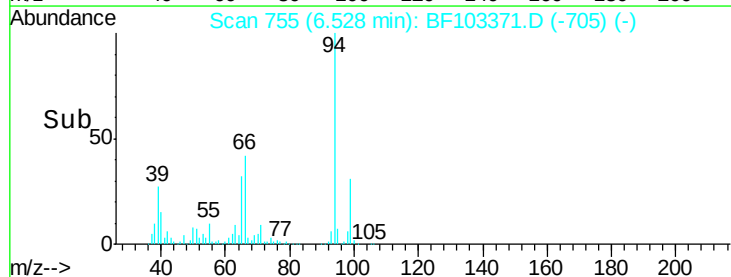
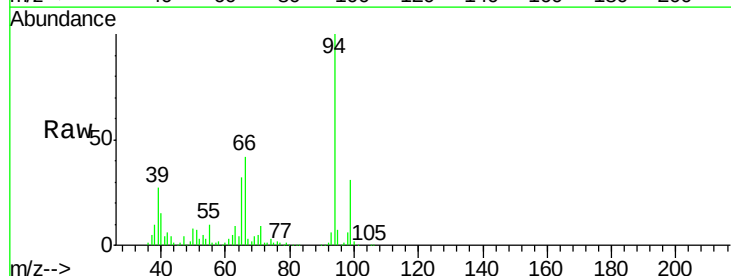
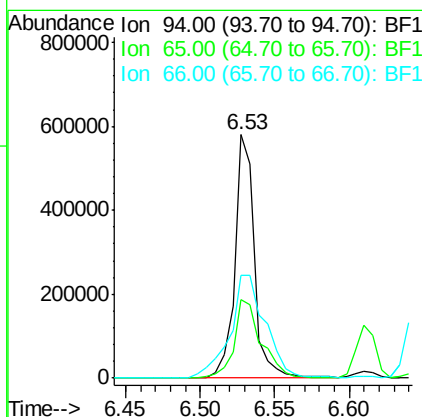
RT: 6.53 min Scan# 755

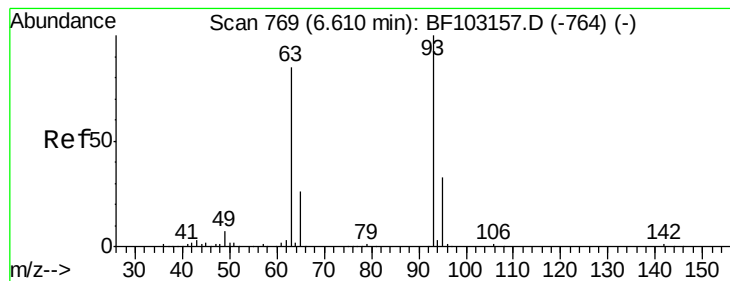
Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Tgt Ion:	94	Resp:	537002
Ion Ratio	Lower	Upper	
94	100		
65	32.3	7.9	47.9
66	42.2	16.2	56.2





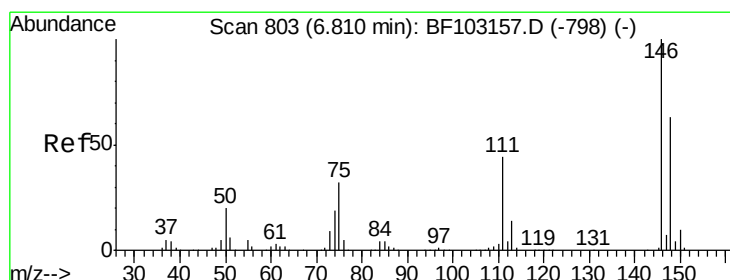
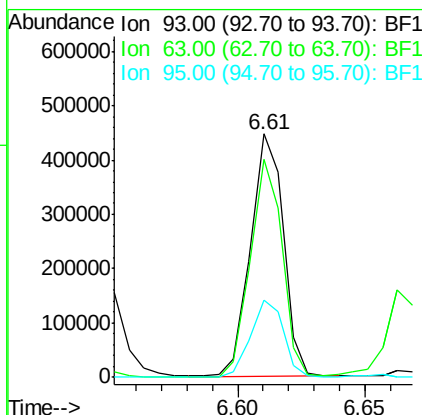
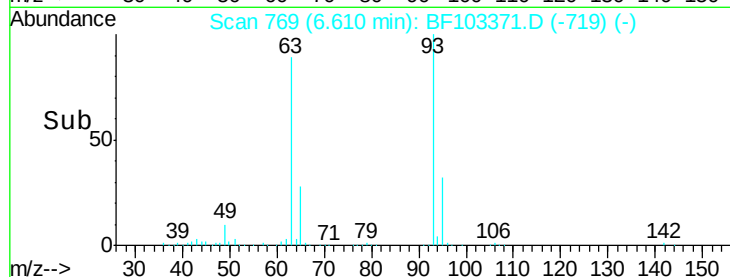
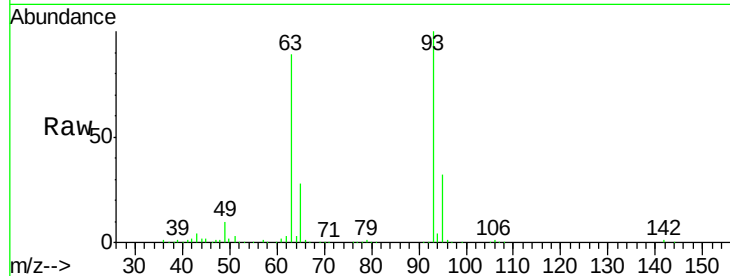
#11
bis(2-Chloroethyl)ether
Concen: 42.030 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	58.6	98.6
95	31.9	11.8	51.8

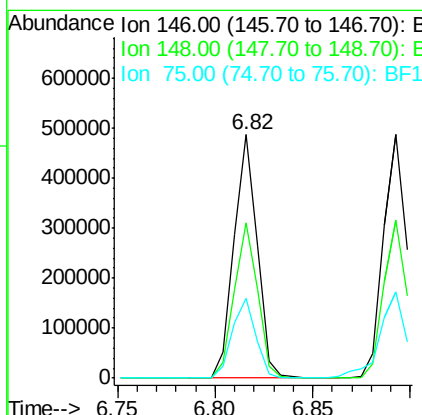
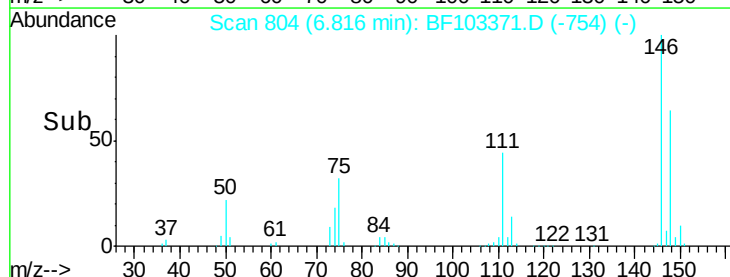
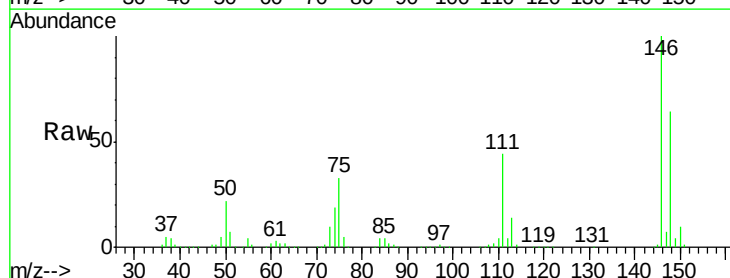
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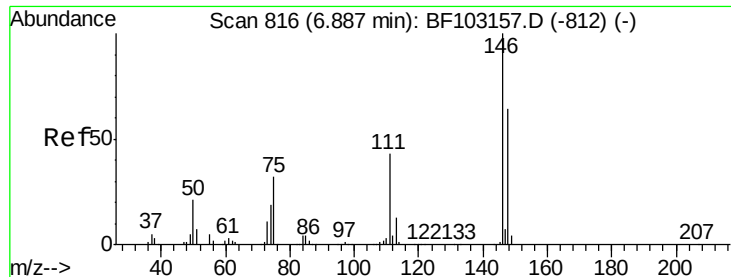
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#12
1,3-Dichlorobenzene
Concen: 37.931 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	32.7	24.2	36.4





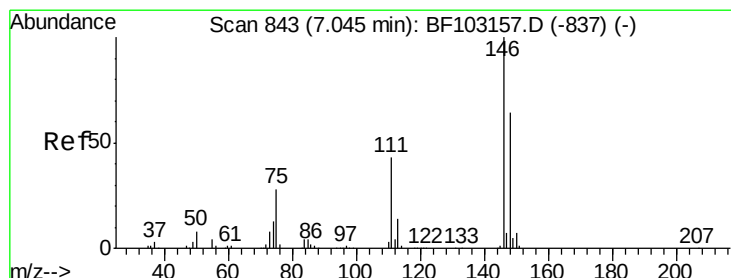
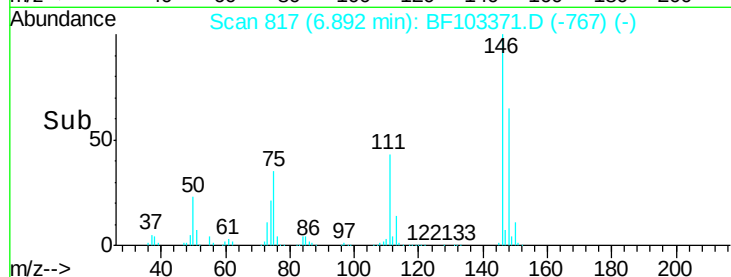
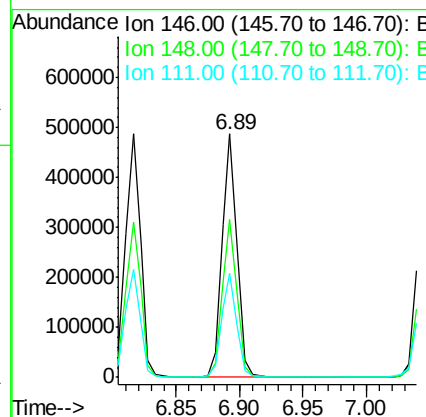
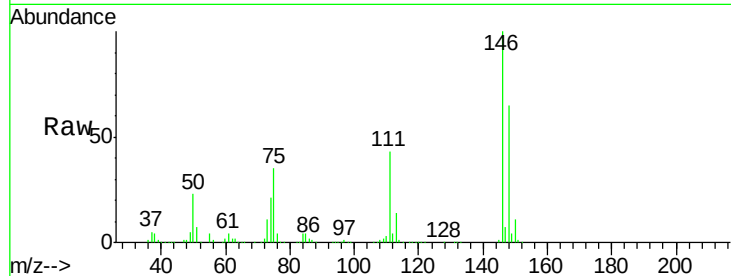
#13
 1,4-Dichlorobenzene
 Concen: 38.316 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampled :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	42.8	34.2	51.2

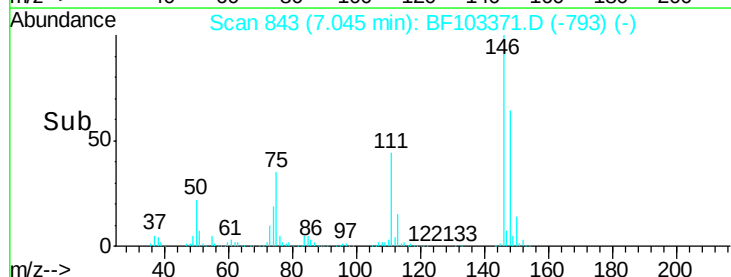
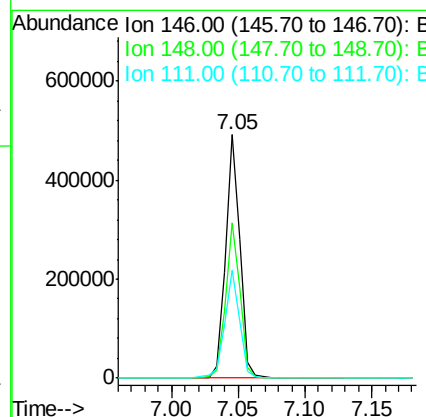
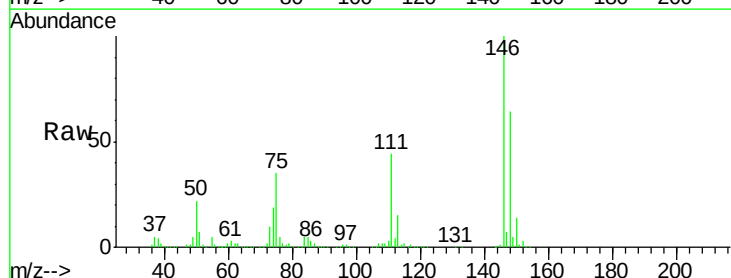
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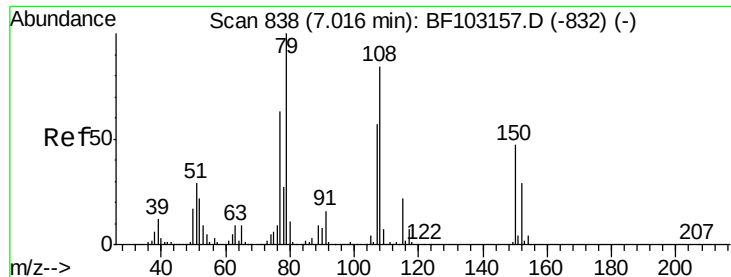
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.159 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.641 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

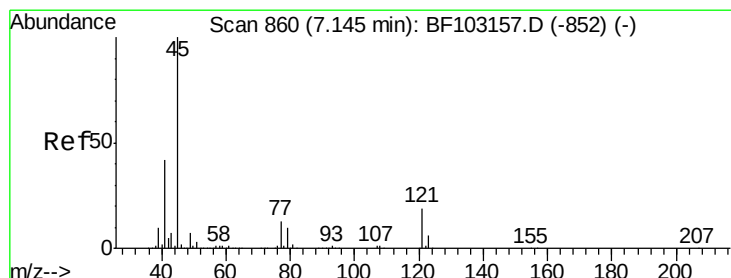
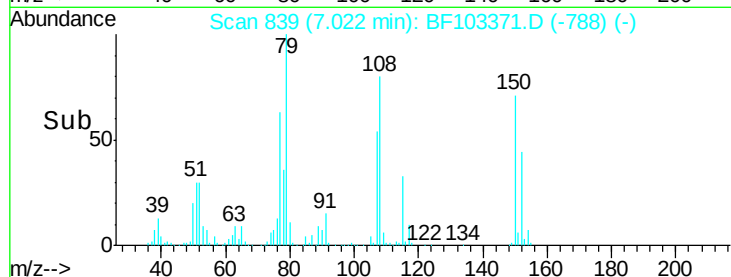
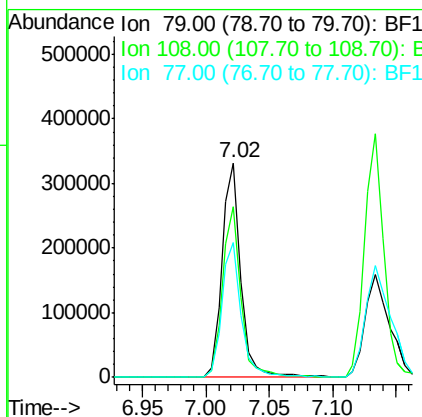
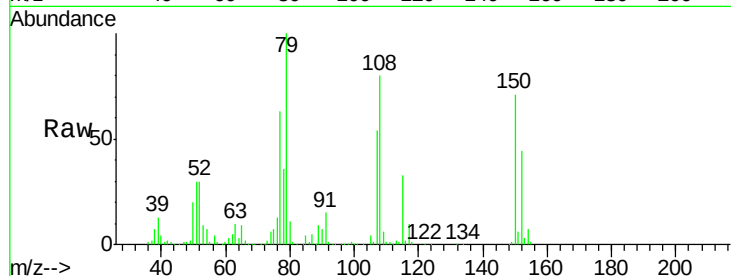
ClientSampled :

TP-2MSD

Tot Ion:	79	Resp:	342797
Ion Ratio	Lower	Upper	
79	100		
108	79.6	65.1	97.7
77	62.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.934 ng

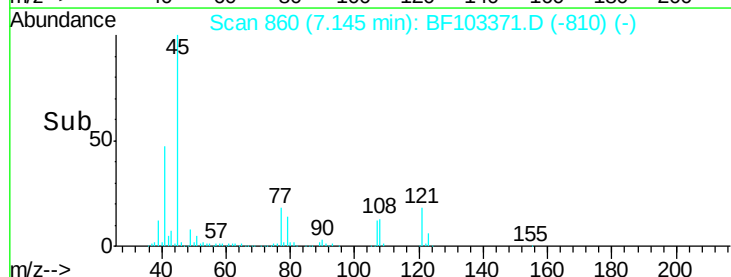
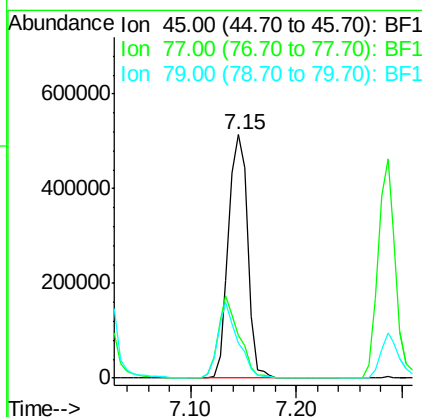
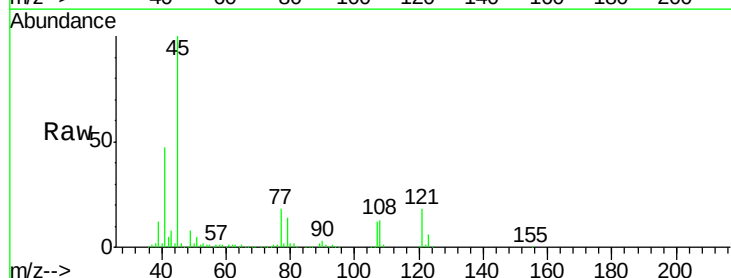
RT: 7.15 min Scan# 860

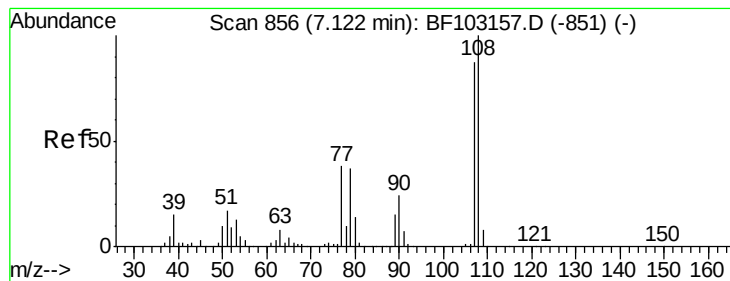
Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Tgt Ion:	45	Resp:	643541
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	32.9
79	14.4	0.0	29.6





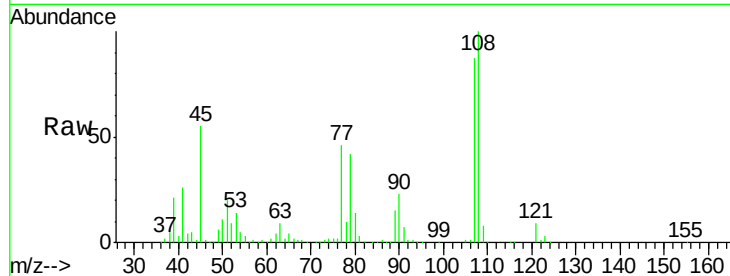
#17
2-Methylphenol
Concen: 40.232 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

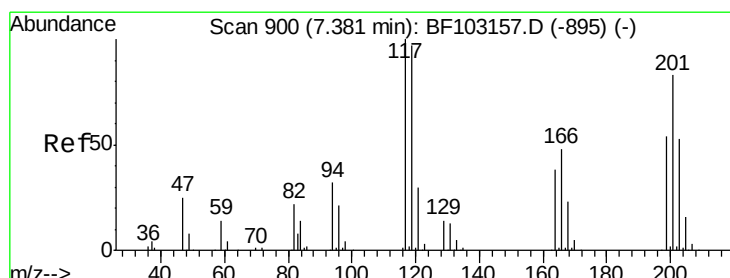
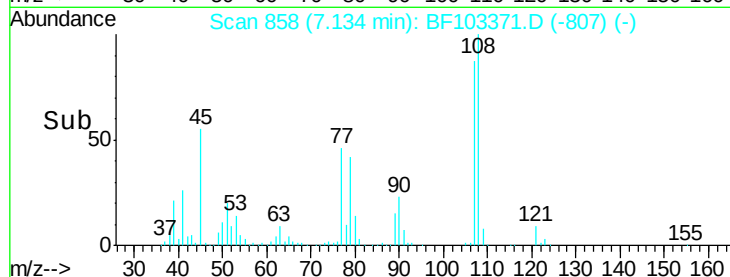
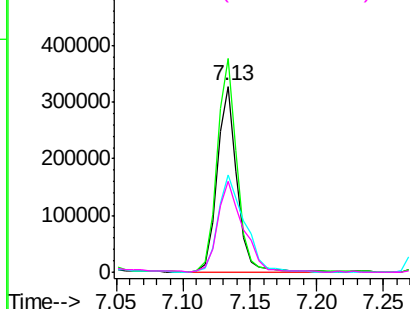
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	91.7	137.5	
77	52.6	33.8	50.8	
79	48.7	33.8	50.8	

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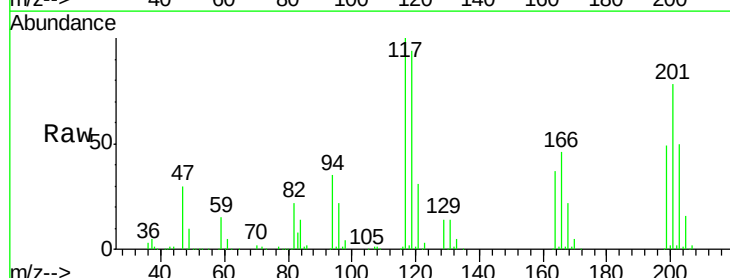


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

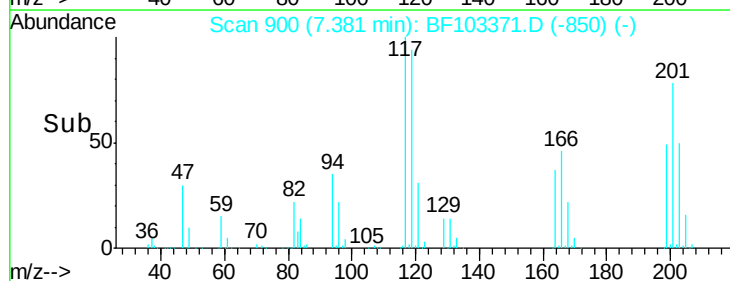
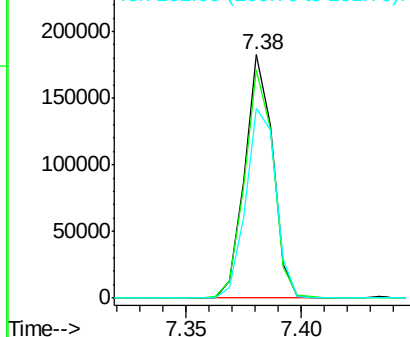


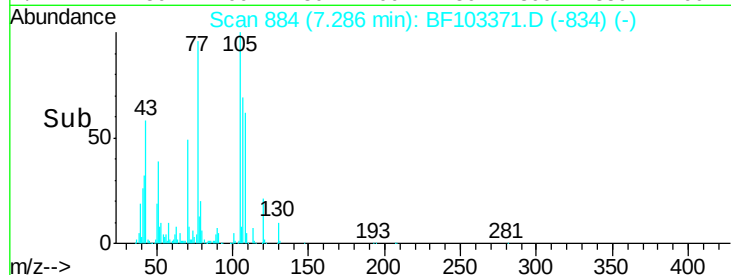
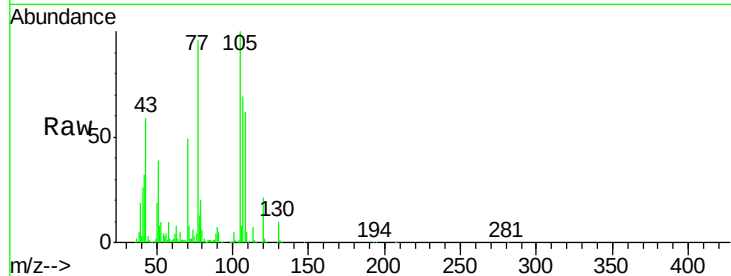
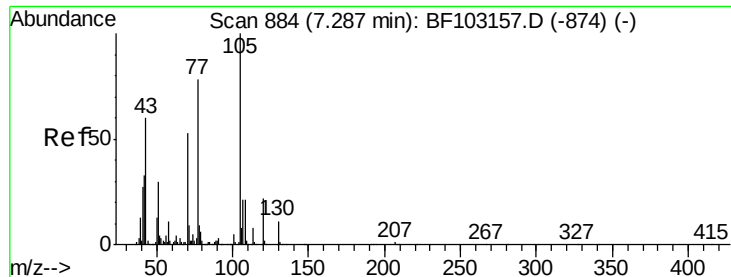
#18
Hexachloroethane
Concen: 40.128 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	75.8	113.8	
201	77.8	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





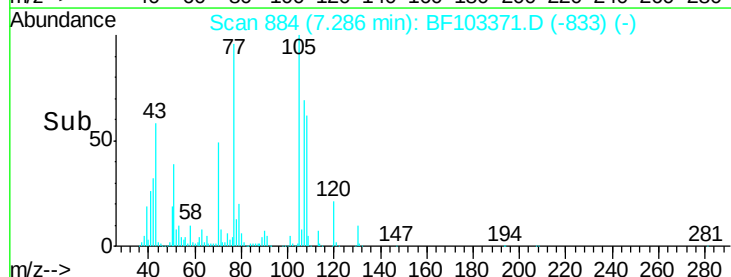
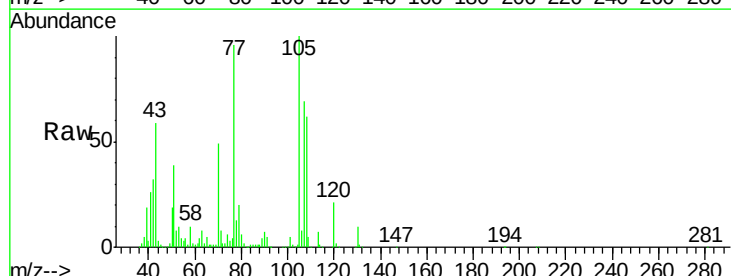
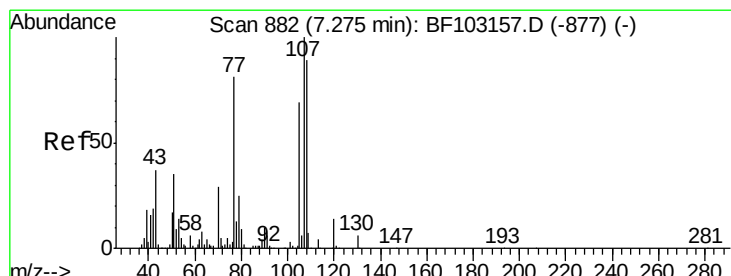
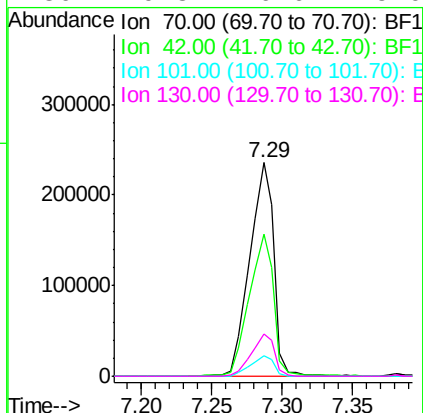
#19
n-Nitroso-di-n-propylamine
Concen: 41.624 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.5	71.3
101	9.3	7.4	11.2
130	19.8	16.6	25.0

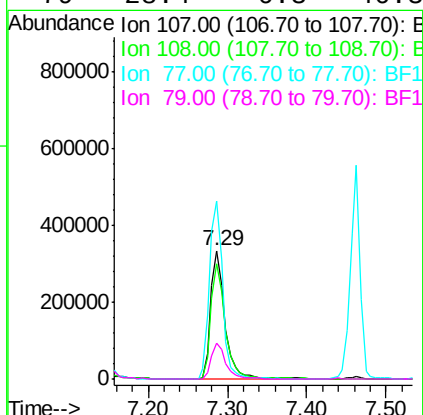
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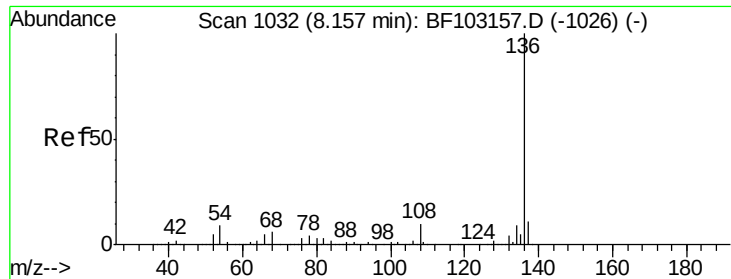
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#20
3+4-Methylphenols
Concen: 40.324 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	138.4	26.7	66.7#
79	28.4	6.3	46.3





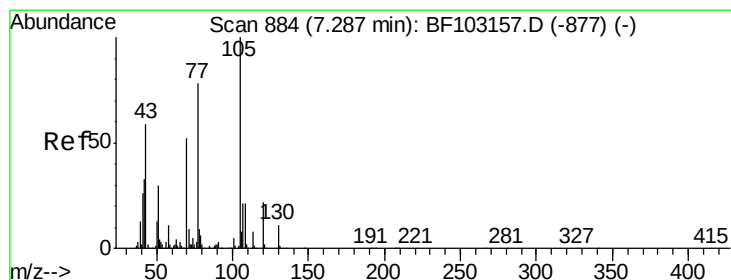
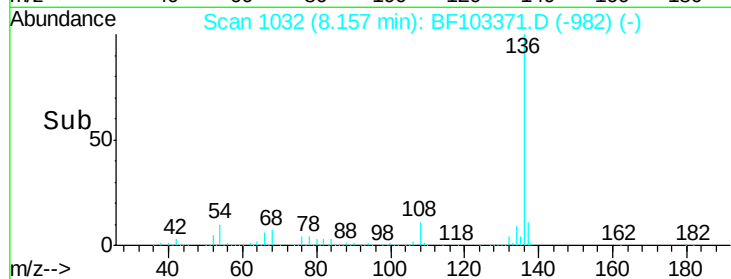
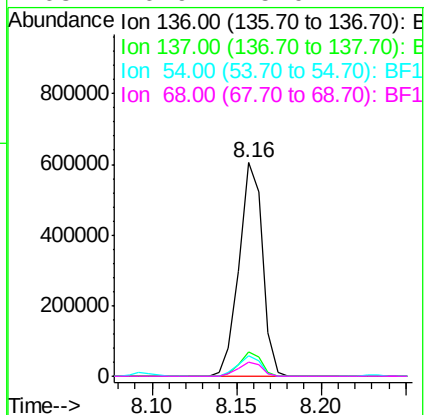
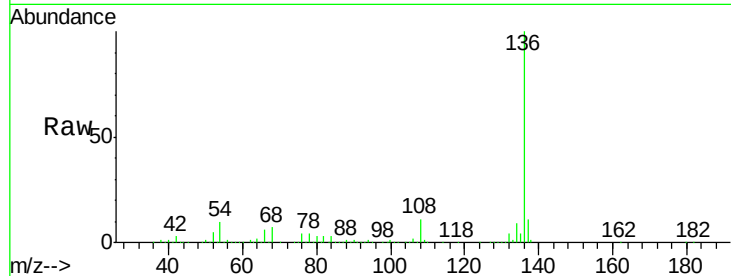
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		586342		
137	11.2		8.9	13.3	
54	9.5		6.6	9.8	
68	6.9		5.0	7.4	

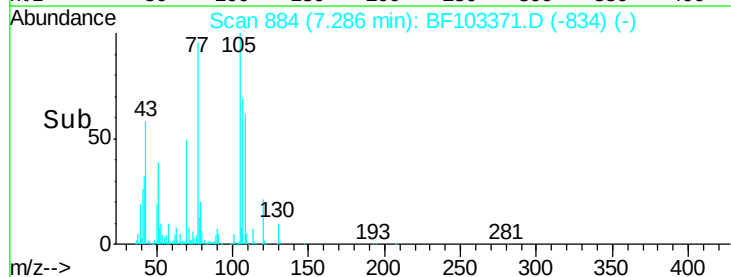
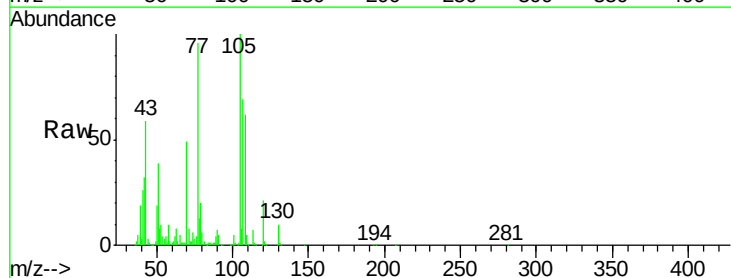
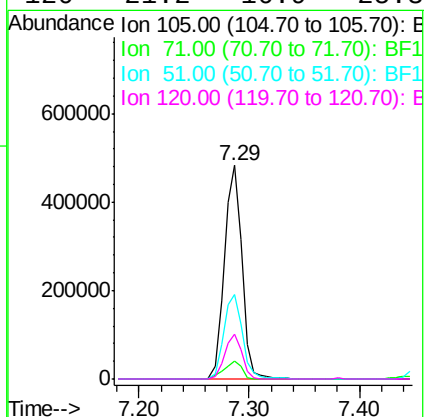
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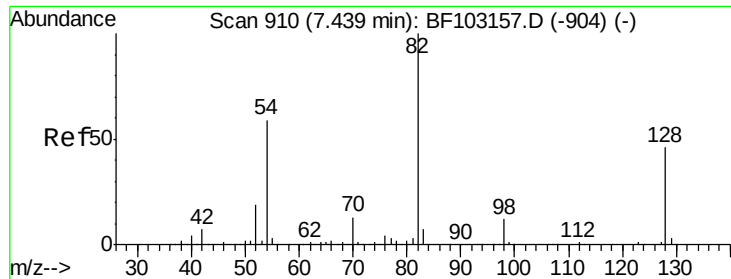
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#22
Acetophenone
Concen: 39.396 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		539178		
71	8.2		4.4	6.6#	
51	39.3		22.3	33.5#	
120	21.2		16.9	25.3	





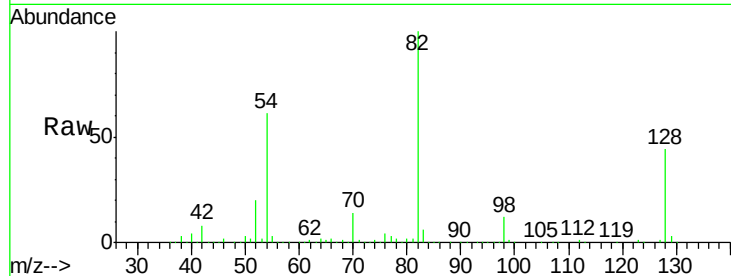
#23
Nitrobenzene-d5
Concen: 82.462 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

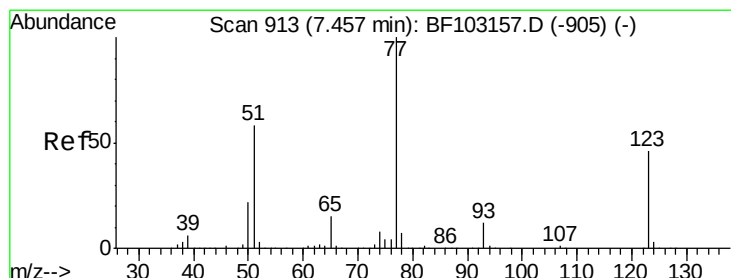
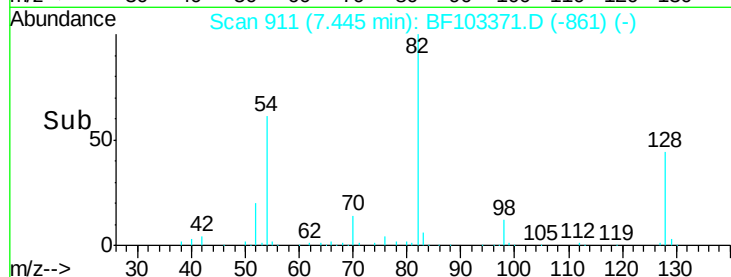
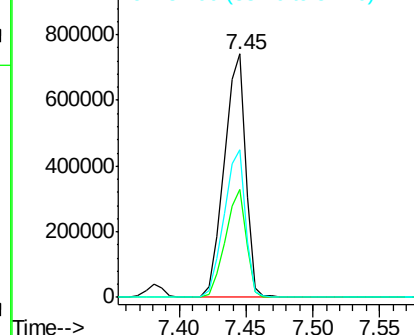
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	36.1	54.1	
54	60.9	41.4	62.2	

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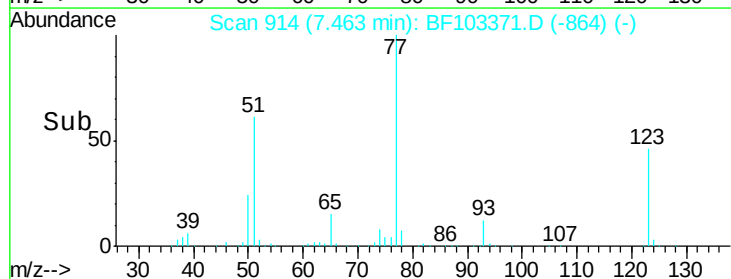
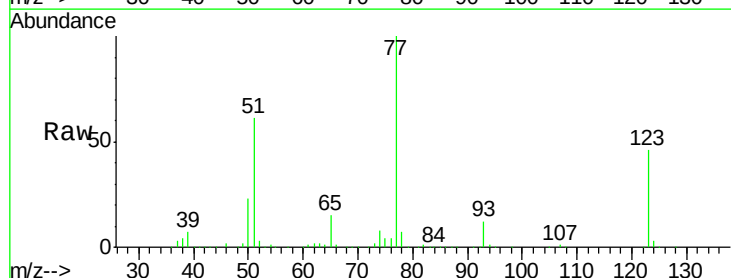
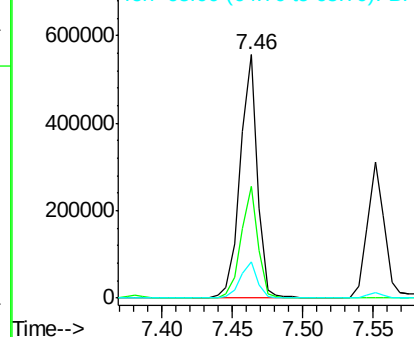
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

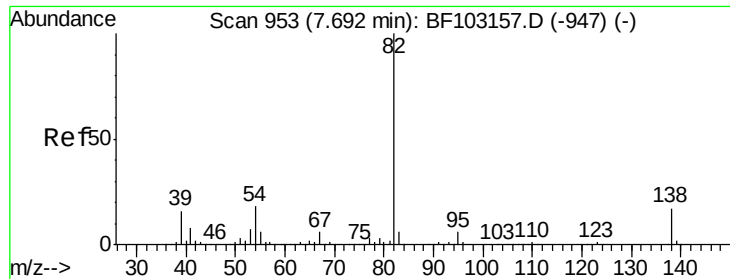


#24
Nitrobenzene
Concen: 41.391 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.7	37.9	56.9	
65	15.0	11.0	16.4	

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





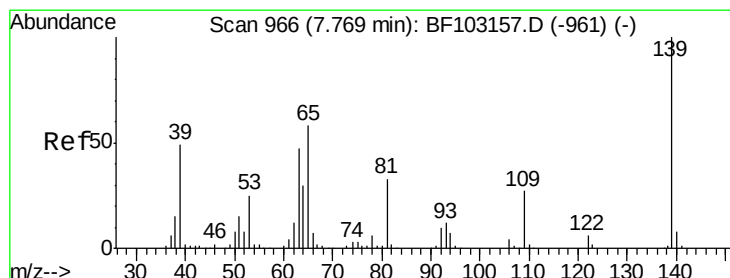
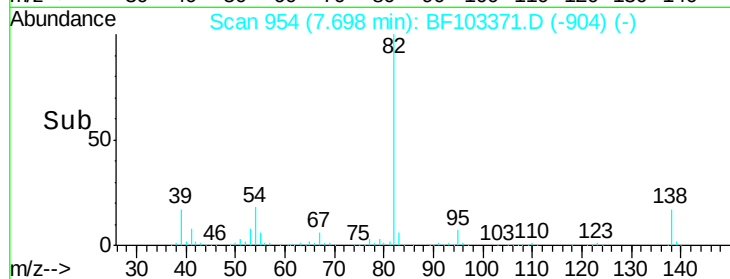
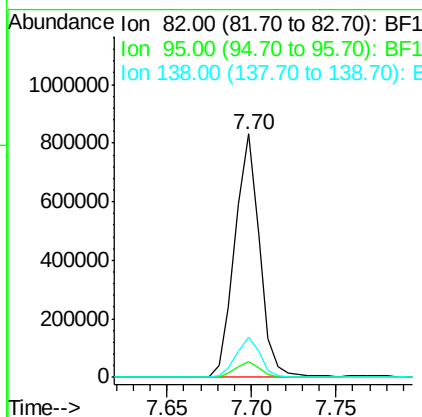
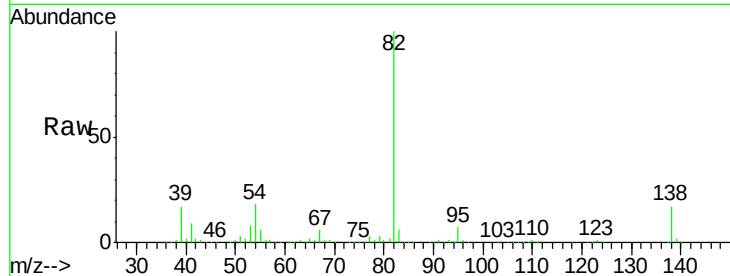
#25
Isophorone
Concen: 41.860 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.2	7.8	
138	16.7	14.9	22.3	

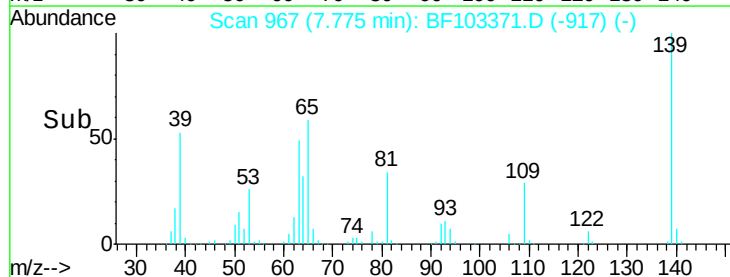
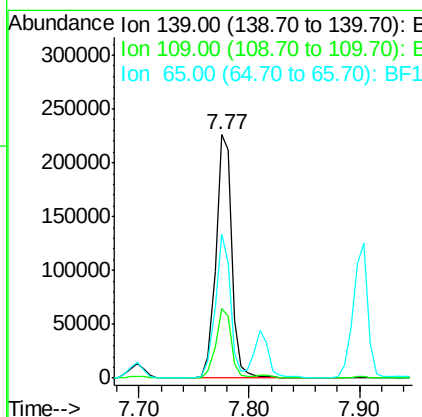
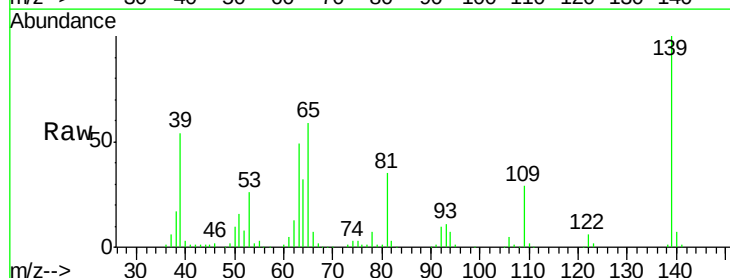
Manual Integrations
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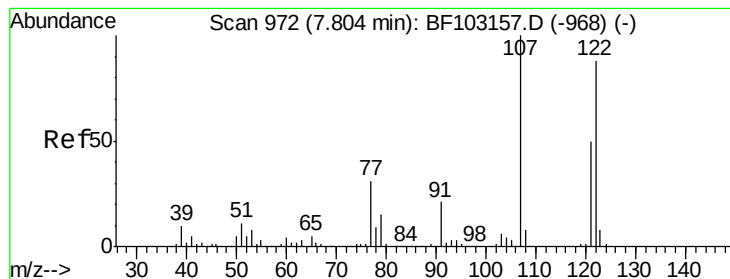
Sohil
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#26
2-Nitrophenol
Concen: 42.364 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.6	22.7	34.1	
65	59.1	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 45.121 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

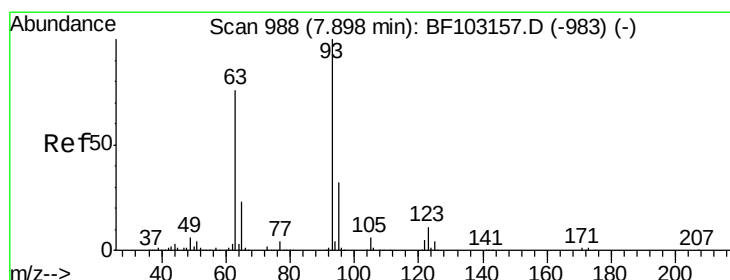
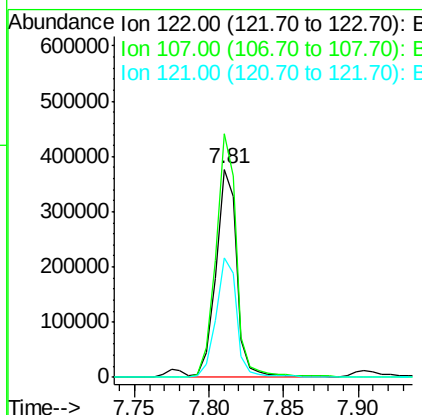
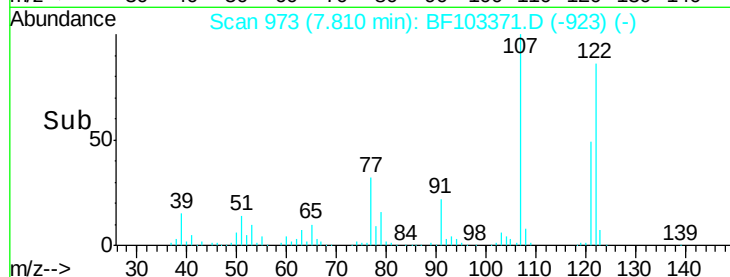
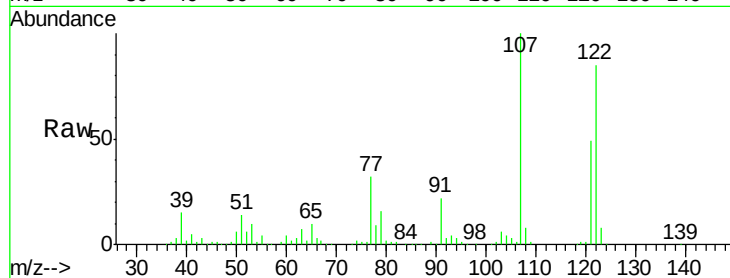
ClientSampleId :

TP-2MSD

Tot Ion:	122	Resp:	367028
Ion Ratio	Lower	Upper	
122	100		
107	117.0	91.2	136.8
121	57.7	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 43.322 ng

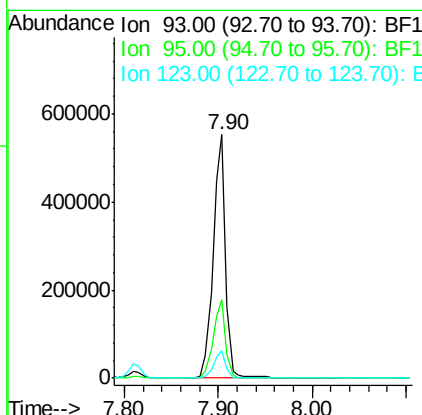
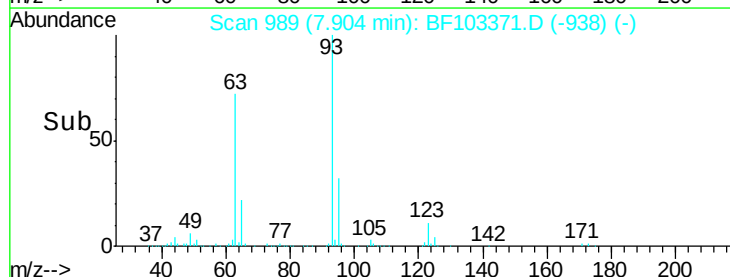
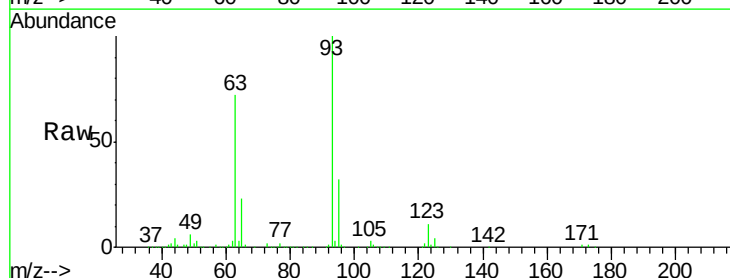
RT: 7.90 min Scan# 989

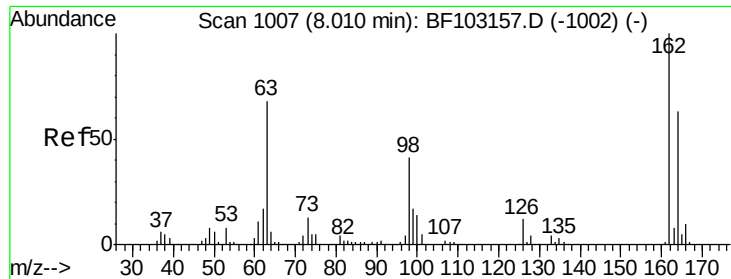
Delta R.T. -0.00 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Tgt Ion:	93	Resp:	515056
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	11.2	9.8	14.6





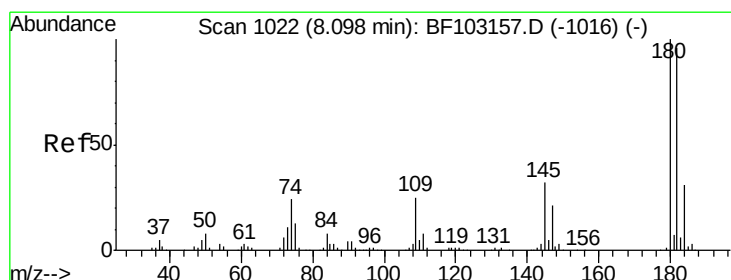
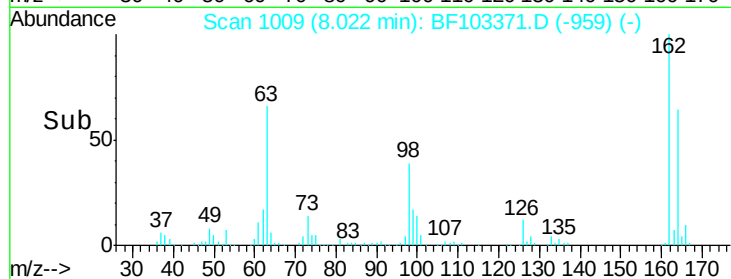
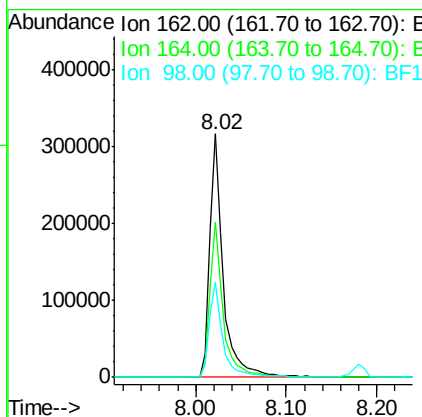
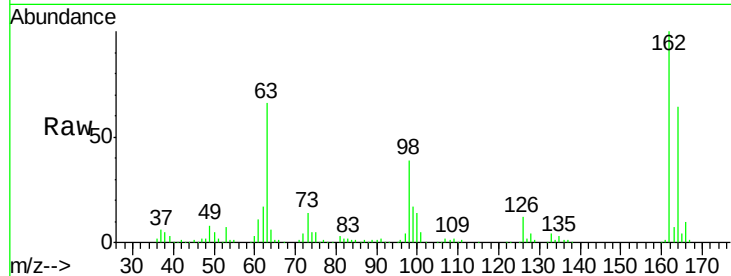
#29
 2,4-Dichlorophenol
 Concen: 42.822 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion:	162	Resp:	333488
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	39.0	18.1	58.1

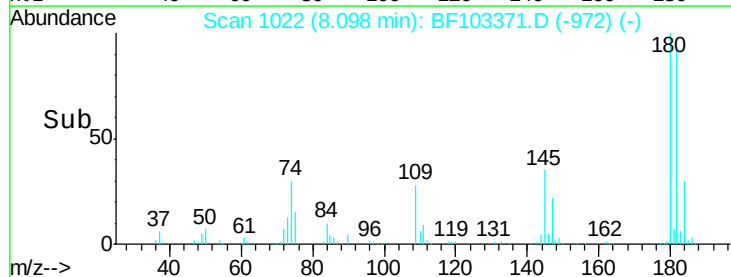
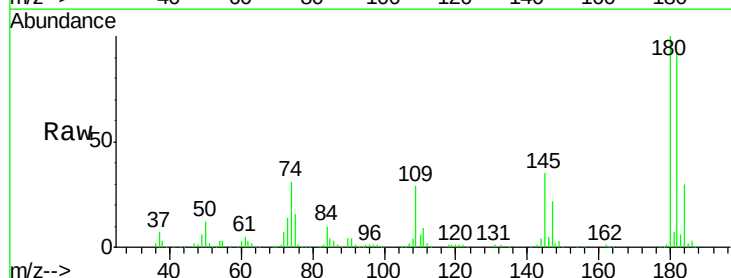
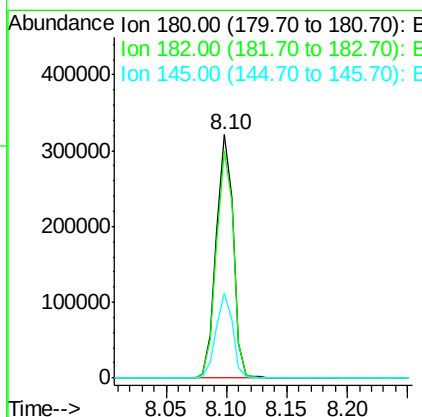
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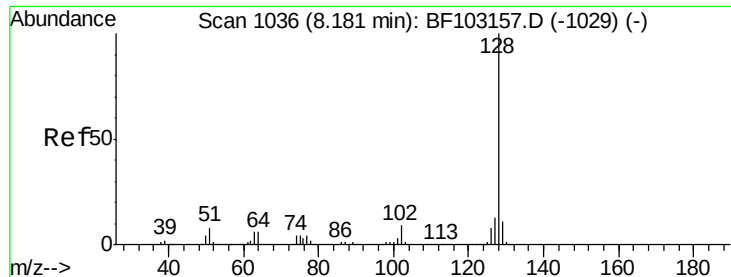
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.197 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion:	180	Resp:	308477
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.8	115.2
145	35.1	26.5	39.7





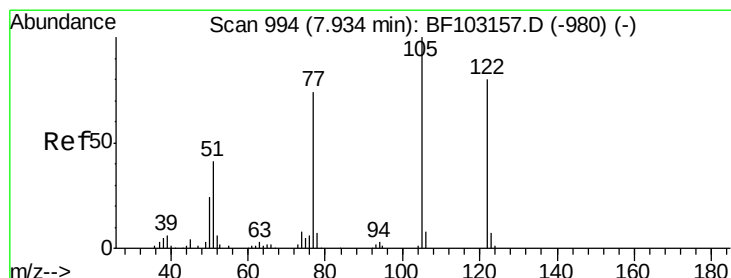
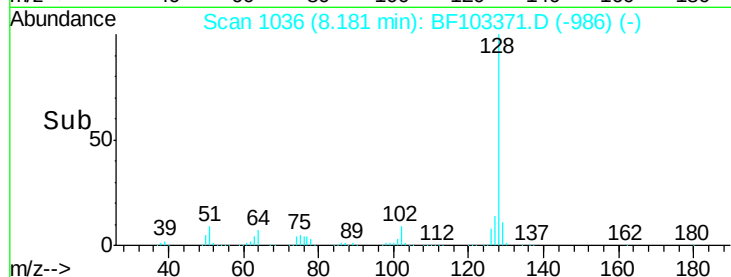
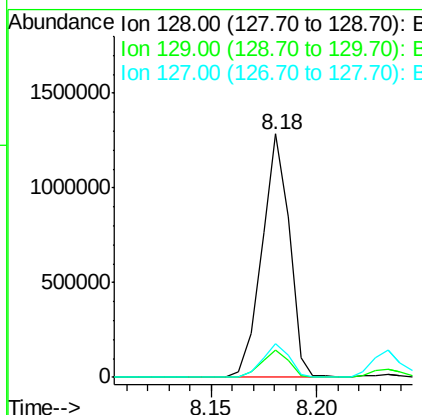
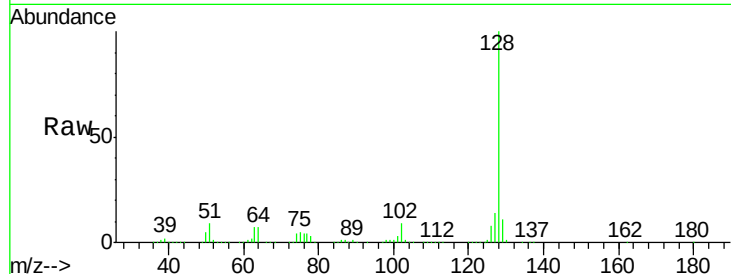
#31
Naphthalene
Concen: 40.484 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3

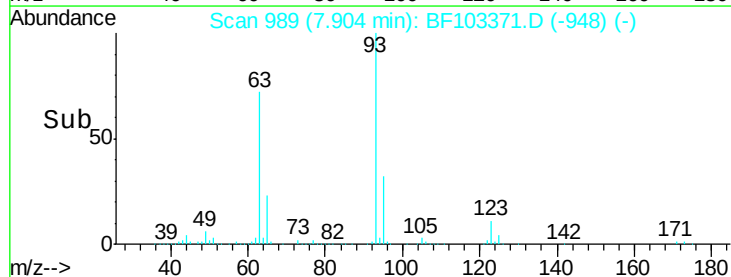
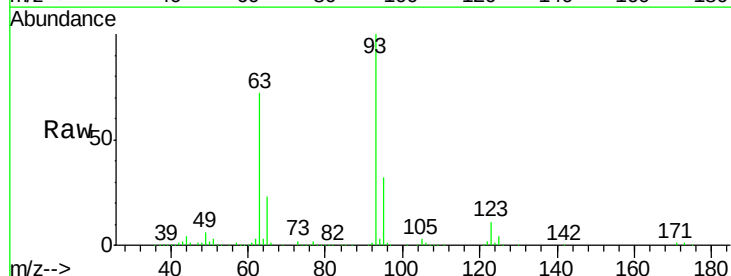
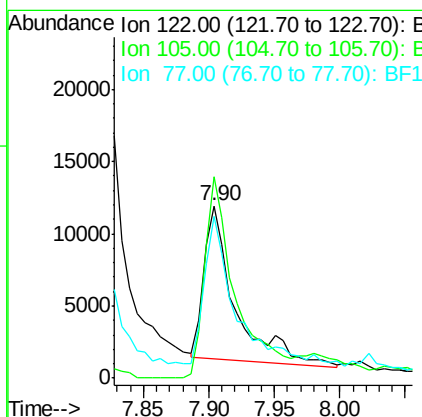
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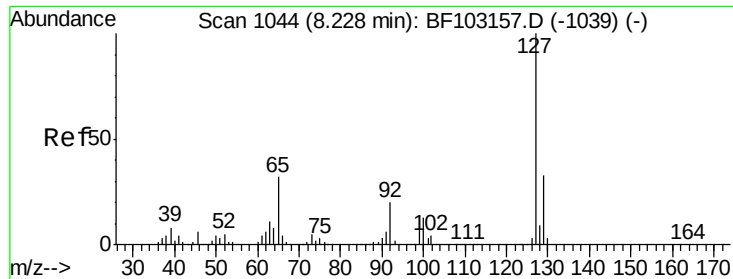
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#32
Benzoic acid
Concen: 9.352 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.06 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	101.1	141.1
77	94.3	70.7	110.7





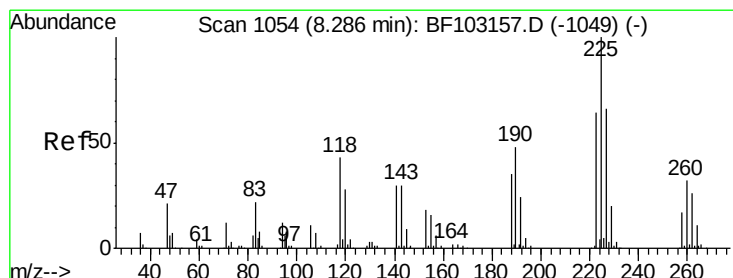
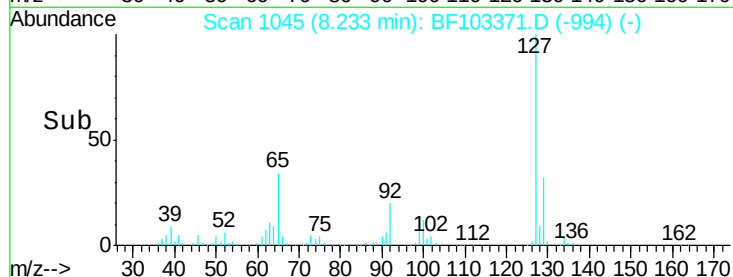
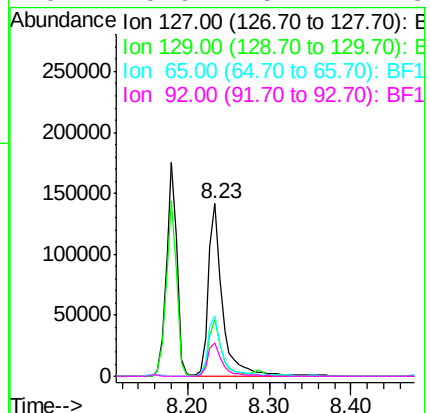
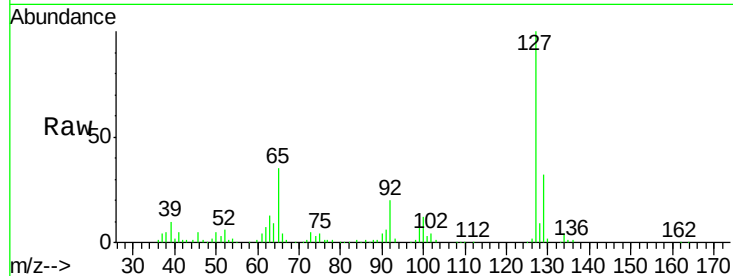
#33
4-Chloroaniline
Concen: 13.558 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3		25.9	38.9	
65	34.5		25.0	37.4	
92	19.6		15.2	22.8	

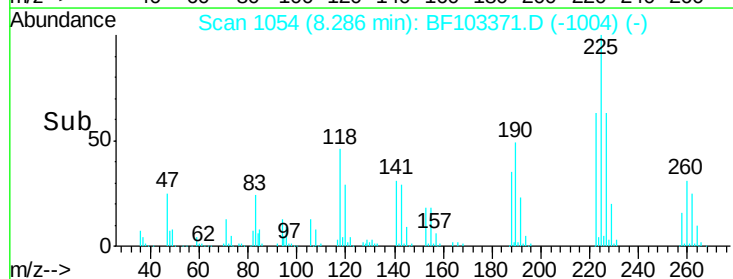
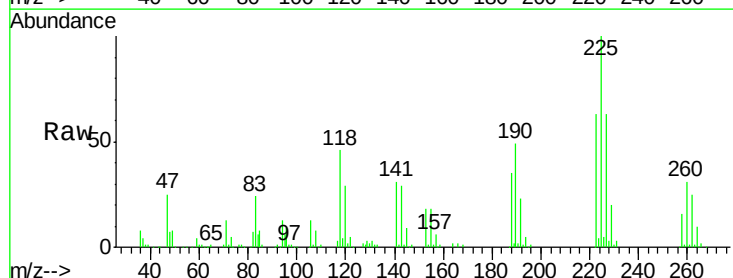
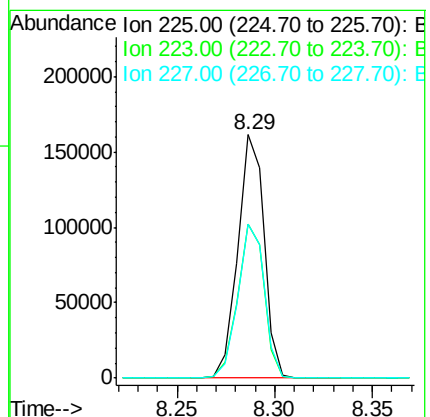
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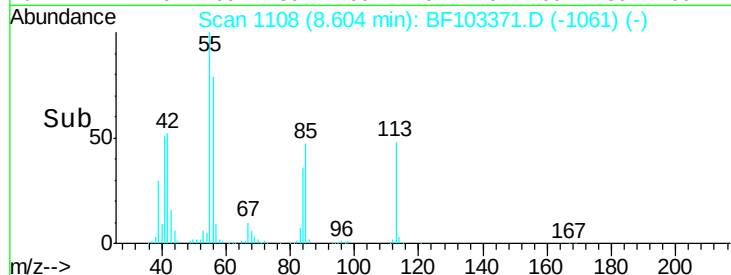
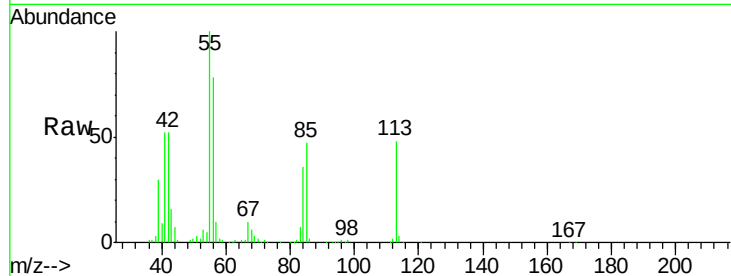
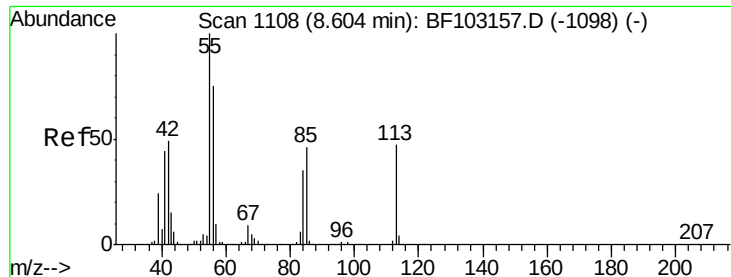
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#34
Hexachlorobutadiene
Concen: 34.880 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2		50.6	76.0	
227	63.2		51.9	77.9	





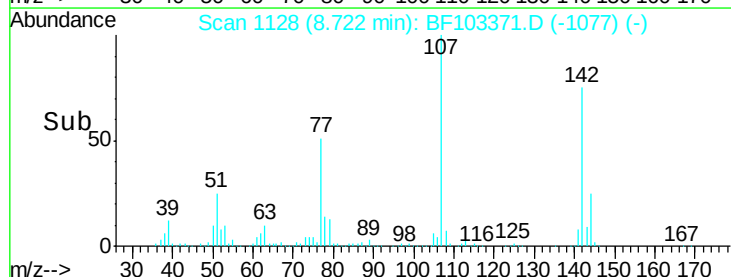
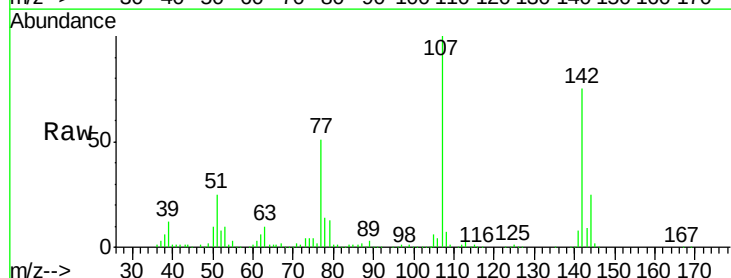
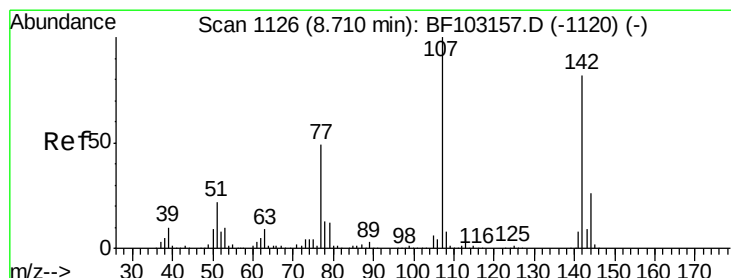
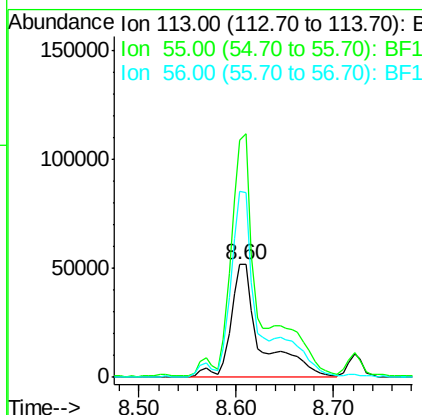
#35
Caprolactam
Concen: 41.536 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.1	163.3	203.3#
56	165.0	115.7	155.7#

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

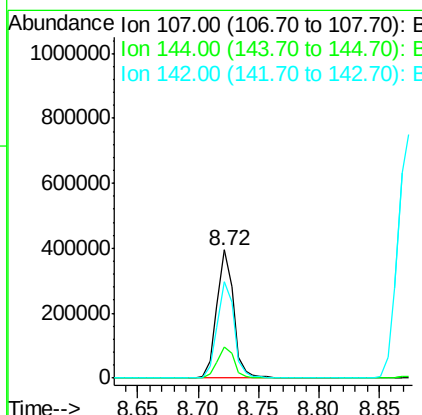
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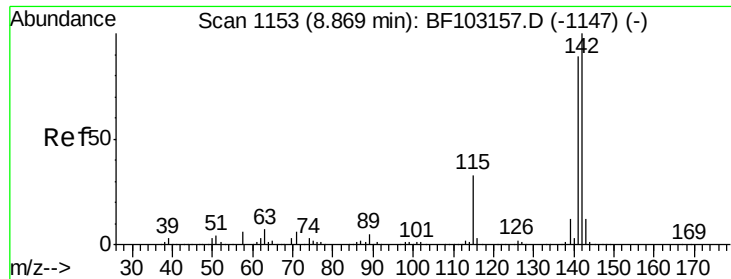
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#36
4-Chloro-3-methylphenol
Concen: 43.030 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.5	30.7
142	75.4	62.0	93.0





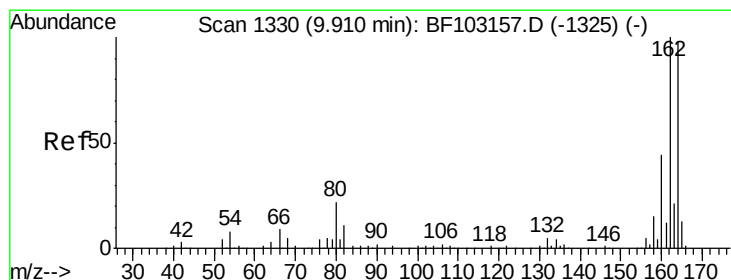
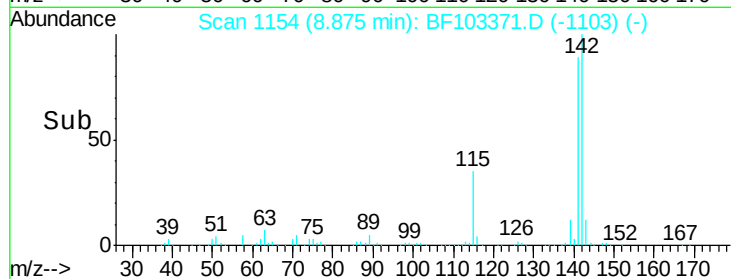
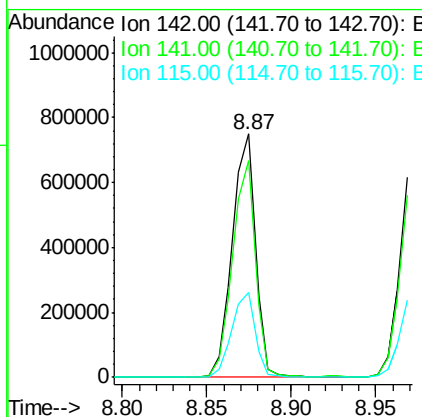
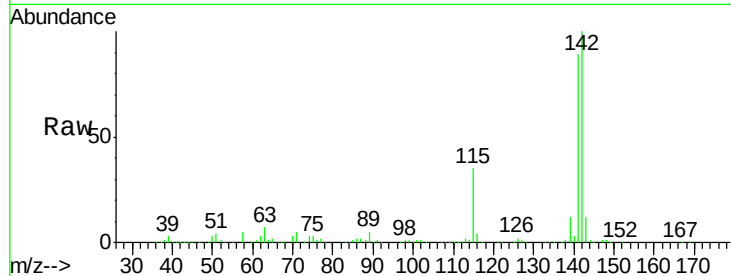
#37
2-Methylnaphthalene
Concen: 38.727 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	34.7	26.1	39.1

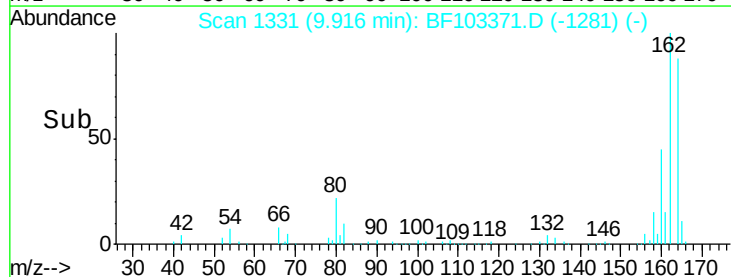
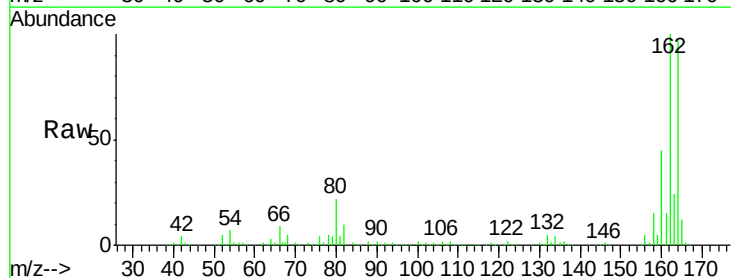
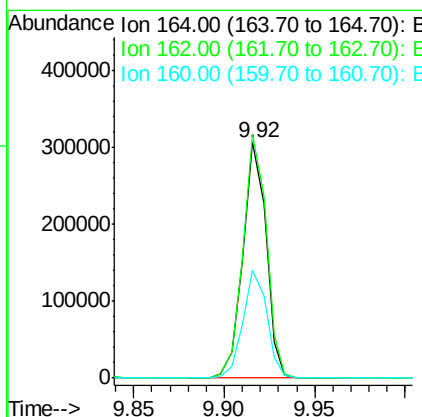
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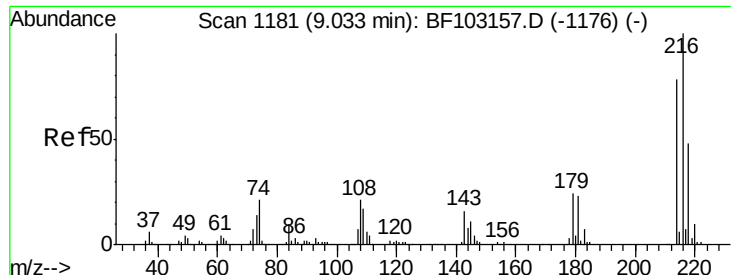
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.0	38.3	57.5





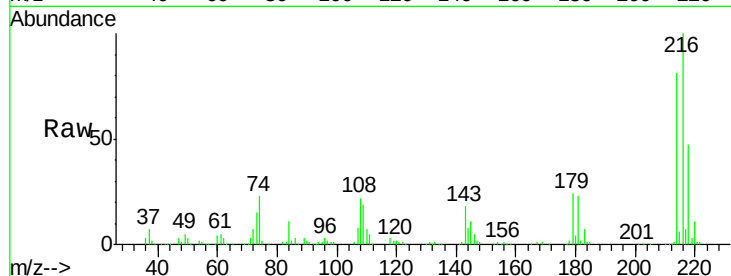
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.606 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampled :
 TP-2MSD

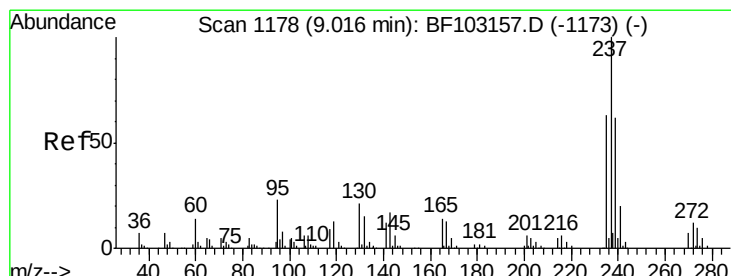
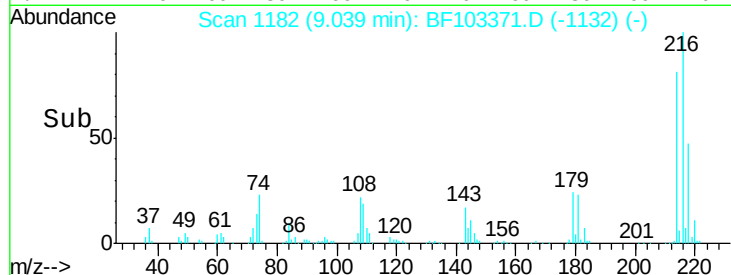
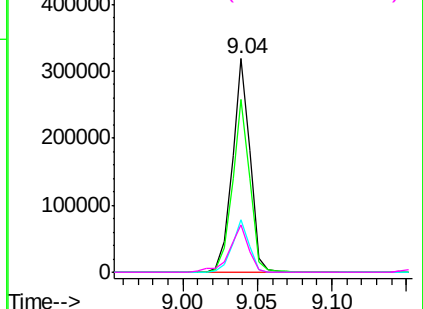
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		266967		
214	79.4		63.0	94.4	
179	23.6		18.1	27.1	
108	24.2		17.2	25.8	

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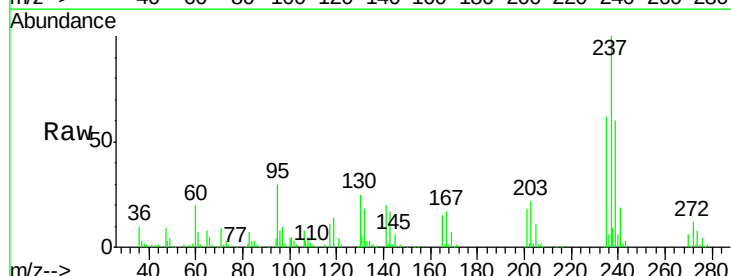


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

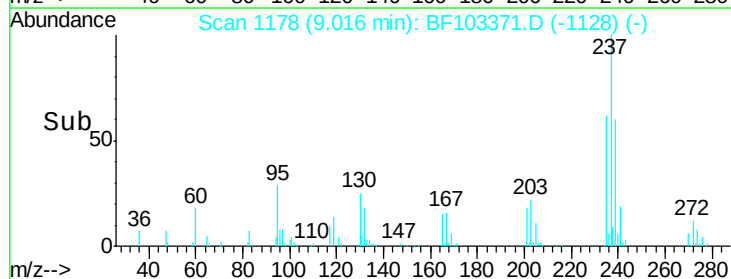
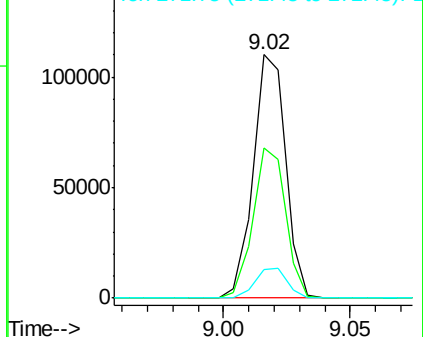


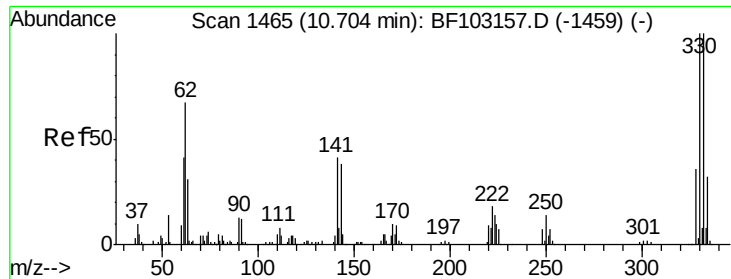
#40
 Hexachlorocyclopentadiene
 Concen: 42.044 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		98589		
235	61.6		44.8	84.8	
272	11.6		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





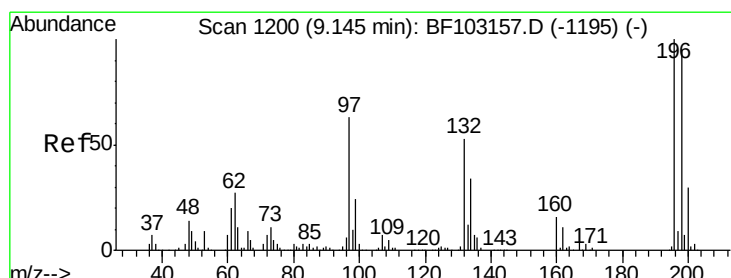
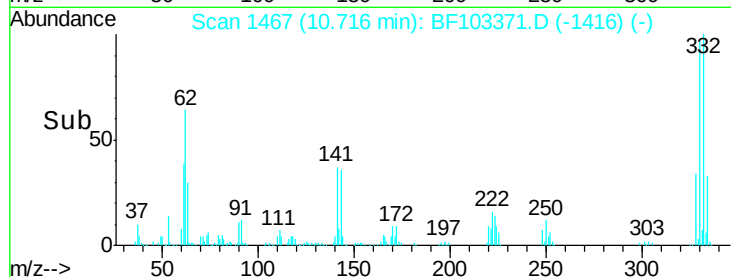
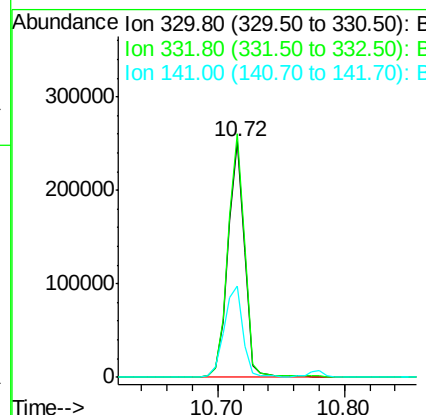
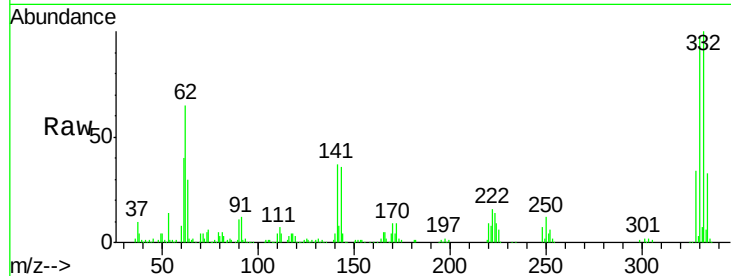
#41
 2,4,6-Tribromophenol
 Concen: 99.864 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231834		
332	104.7	77.0	115.6	
141	43.8	29.9	44.9	

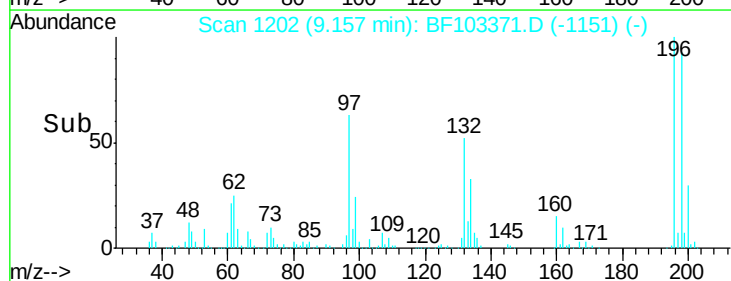
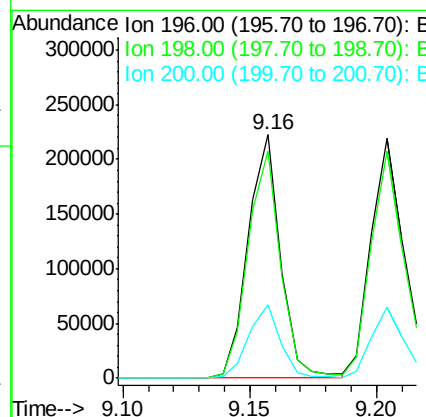
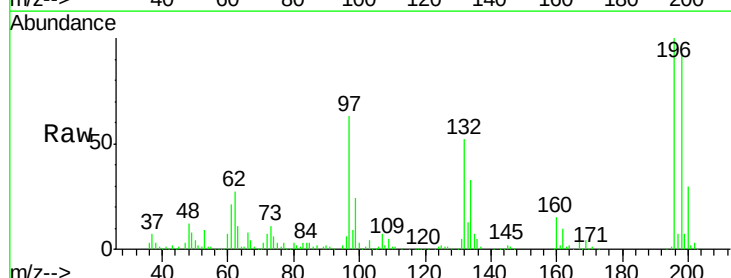
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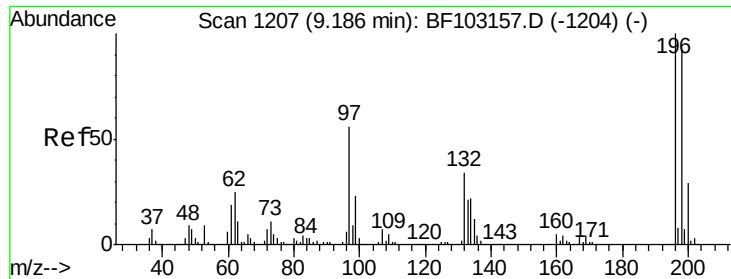
Sohil
 3/5/2018 3:13:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.269 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198114		
198	93.3	75.7	113.5	
200	30.3	24.5	36.7	





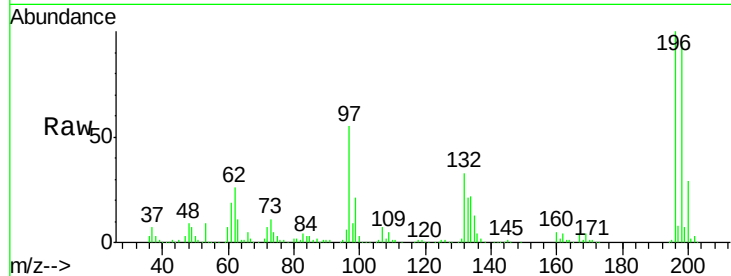
#43
2,4,5-Trichlorophenol
Concen: 36.175 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

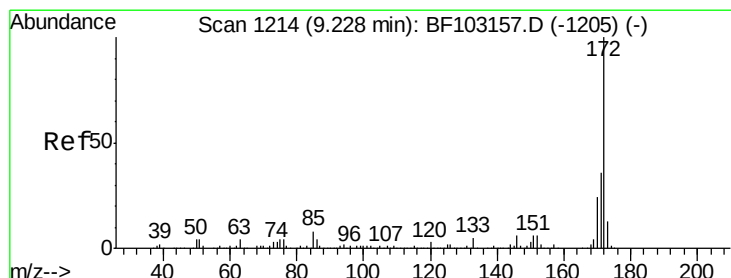
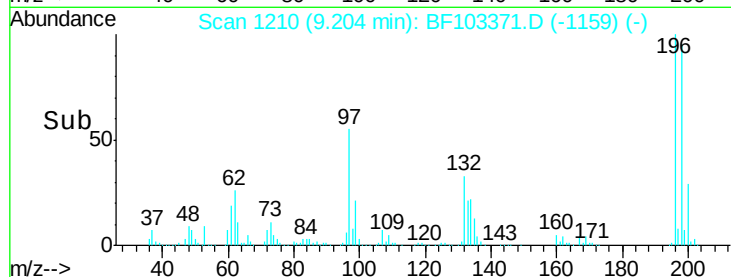
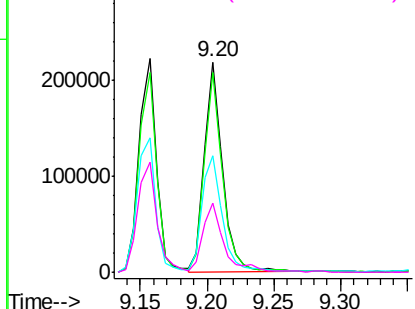
Tot Ion	Ratio	Resp	Lower	Upper
196	100	209910		
198	94.8	74.6	112.0	
97	55.4	42.9	64.3	
132	32.8	26.3	39.5	

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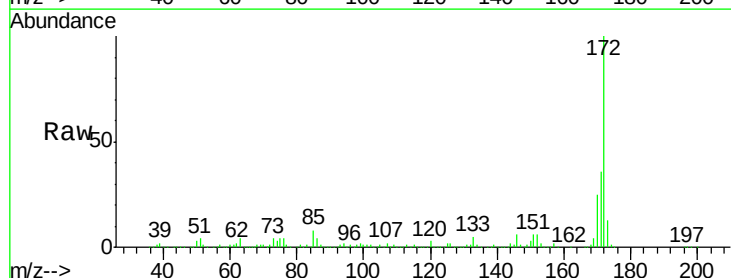


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

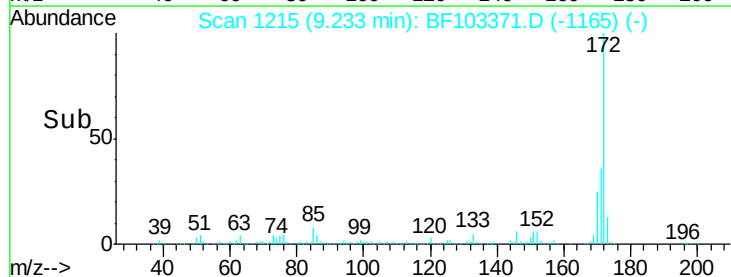
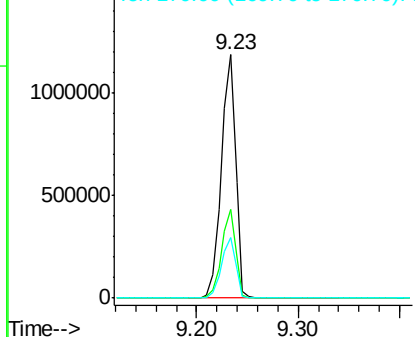


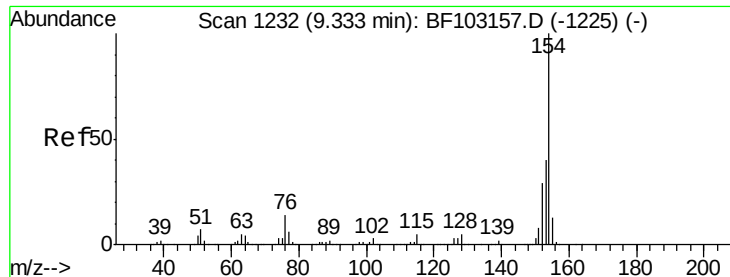
#44
2-Fluorobiphenyl
Concen: 69.840 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1160730		
171	36.2	29.7	44.5	
170	24.8	19.6	29.4	



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





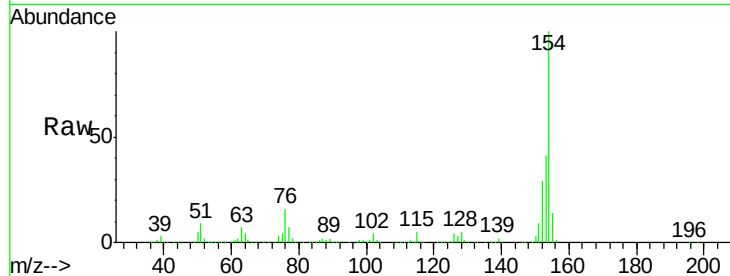
#45
1,1'-Biphenyl
Concen: 34.914 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

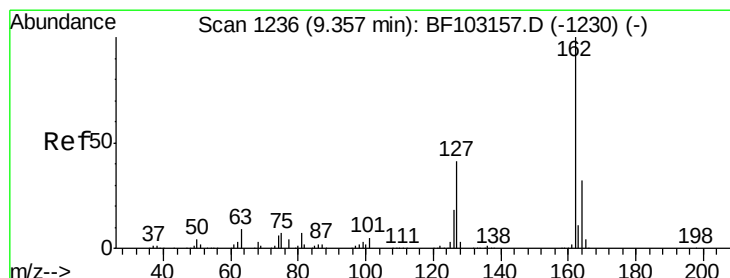
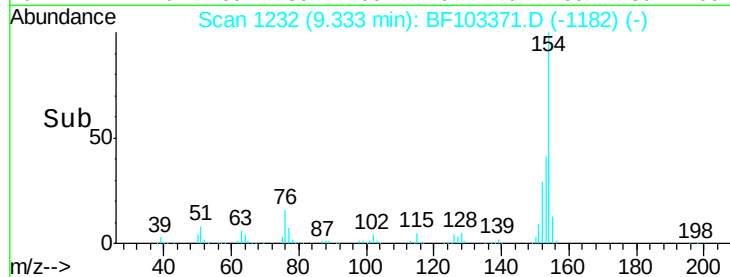
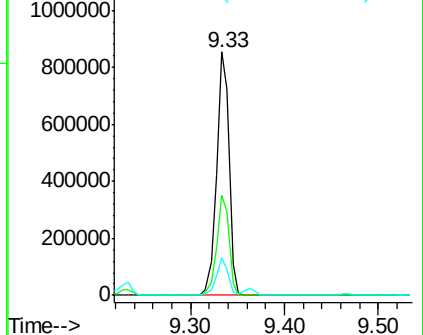
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	15.5	0.0	34.0	

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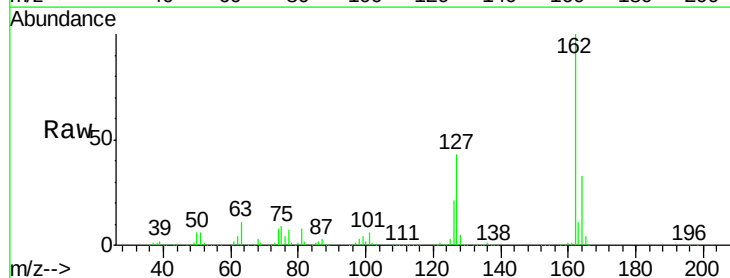


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

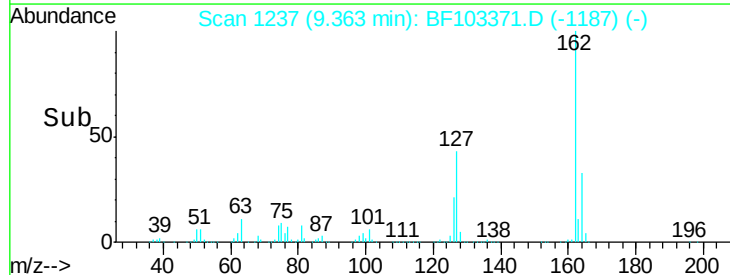
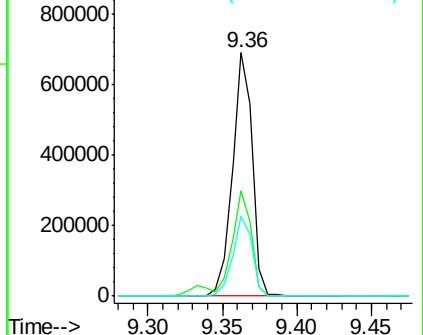


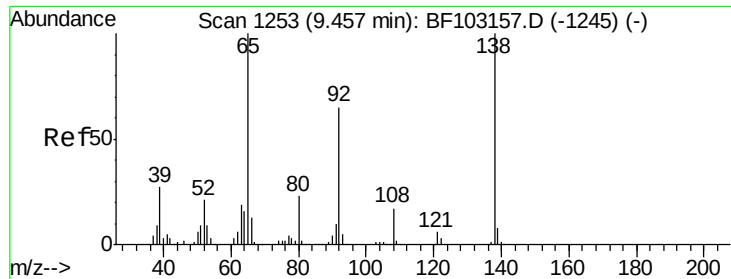
#46
2-Chloronaphthalene
Concen: 35.505 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.2	33.9	50.9	
164	32.6	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





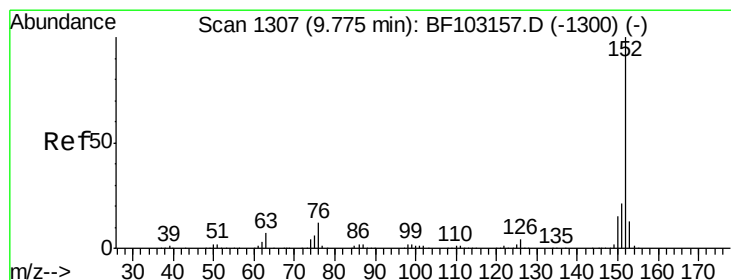
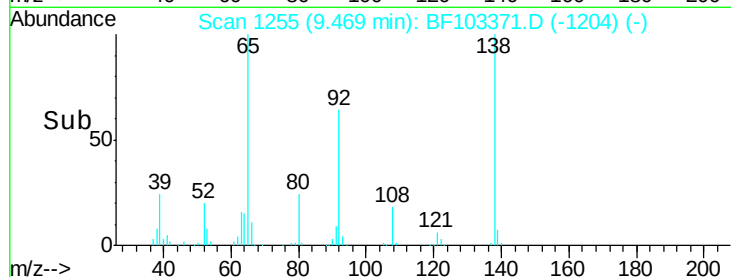
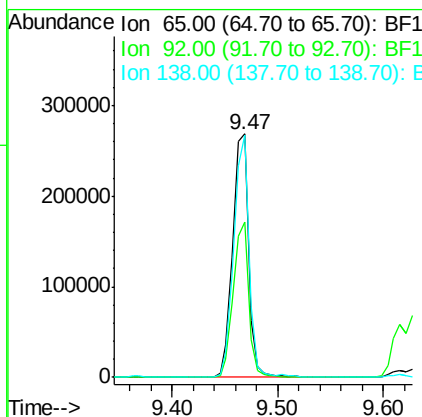
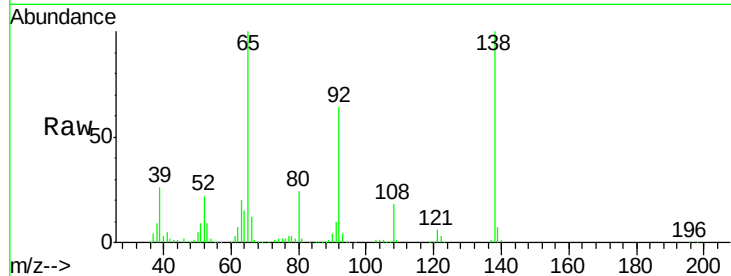
#47
2-Nitroaniline
Concen: 41.791 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	55.8	83.6
138	99.5	91.2	136.8

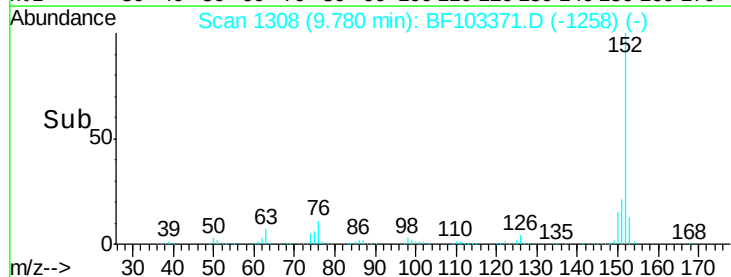
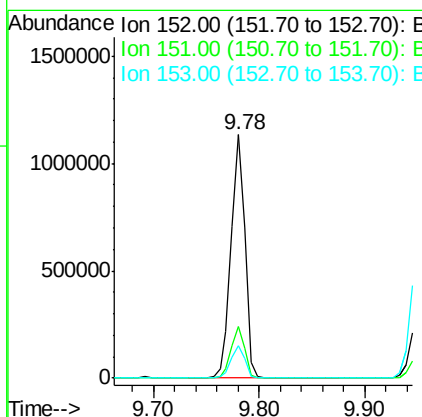
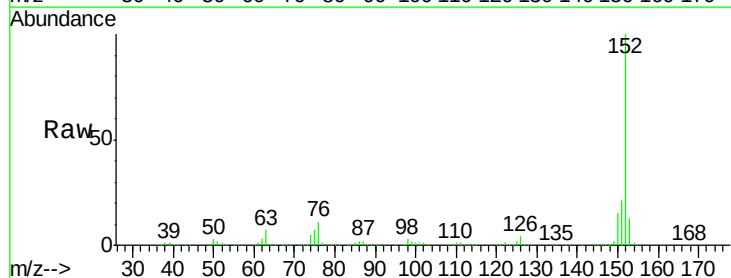
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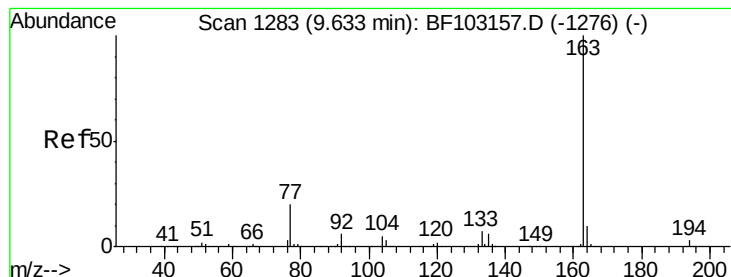
Sohil
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#48
Acenaphthylene
Concen: 36.660 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.1	10.7	16.1





#49

Dimethylphthalate

Concen: 39.288 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

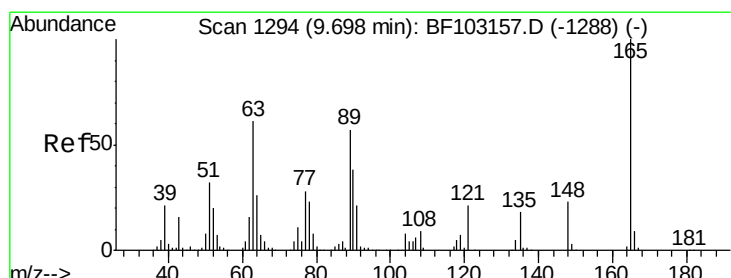
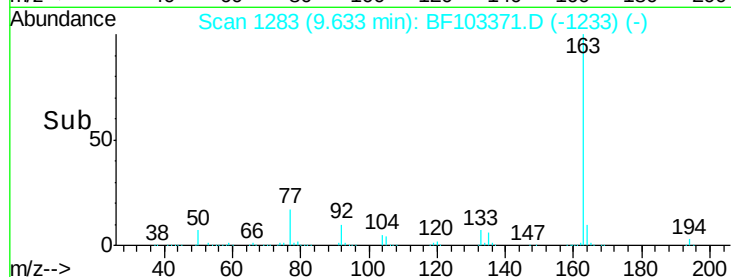
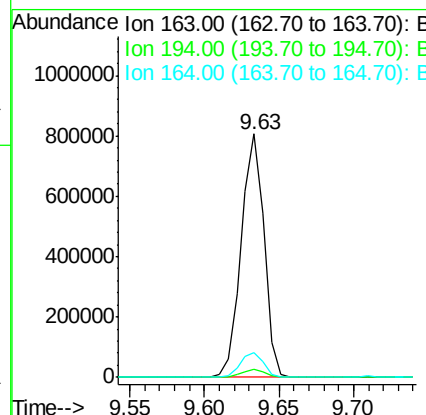
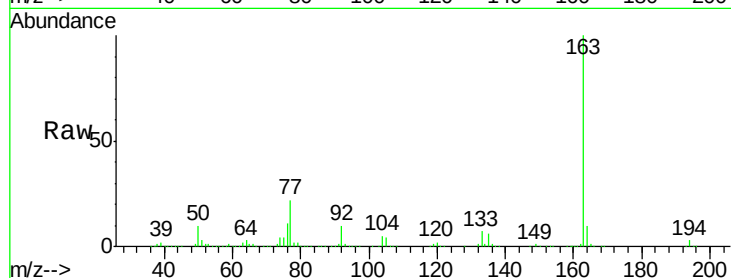
ClientSampleId :

TP-2MSD

Tot Ion:	163	Resp:	864417
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 38.383 ng

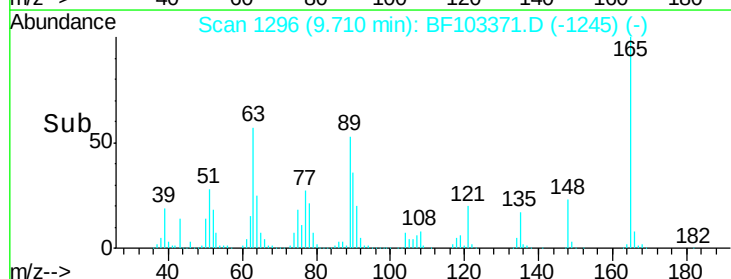
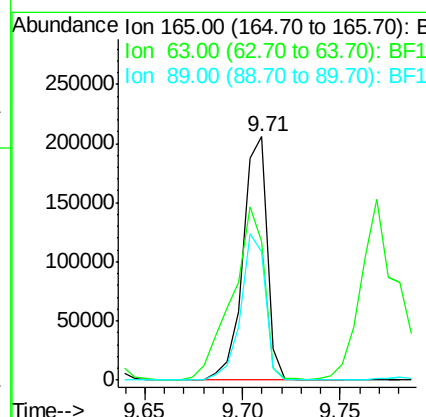
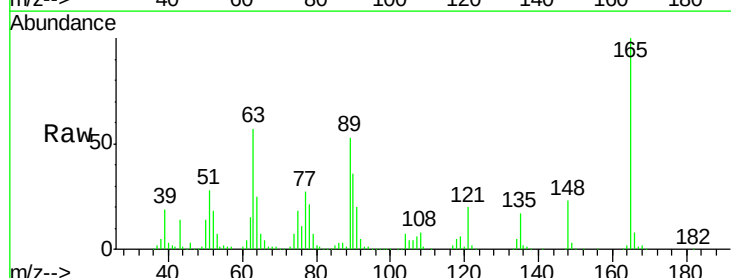
RT: 9.71 min Scan# 1296

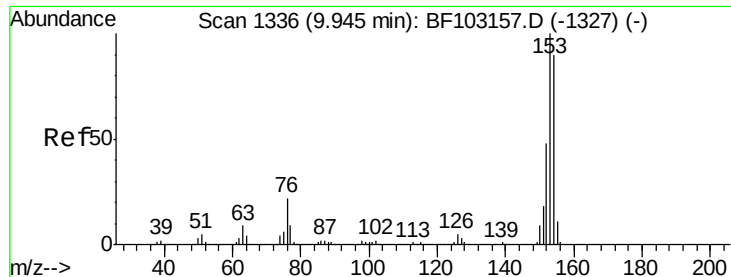
Delta R.T. -0.00 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Tgt Ion:	165	Resp:	177223
Ion Ratio	Lower	Upper	
165	100		
63	57.1	44.7	67.1
89	53.0	44.0	66.0





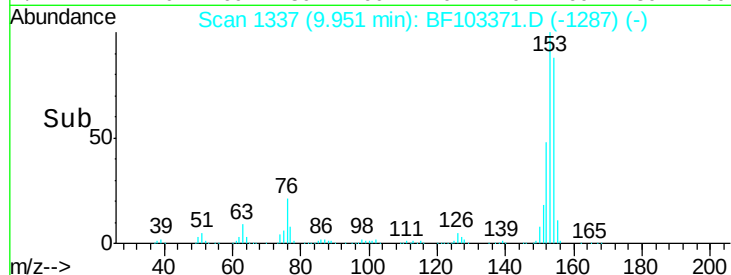
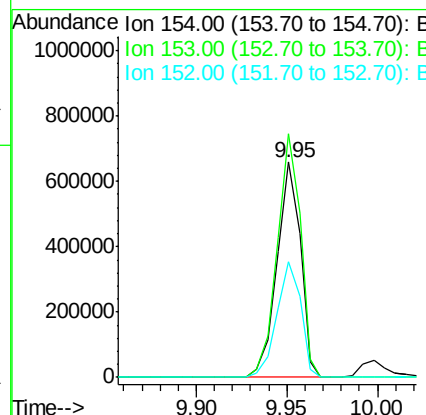
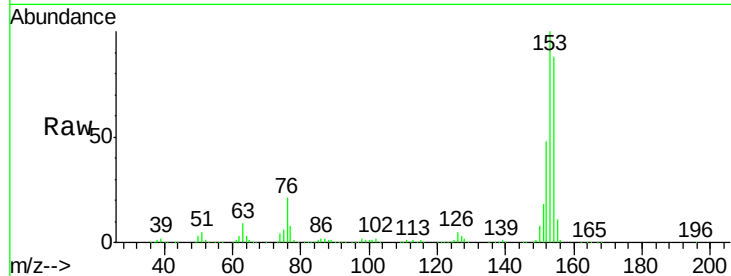
#51
Acenaphthene
Concen: 36.426 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	53.9	43.8	65.8

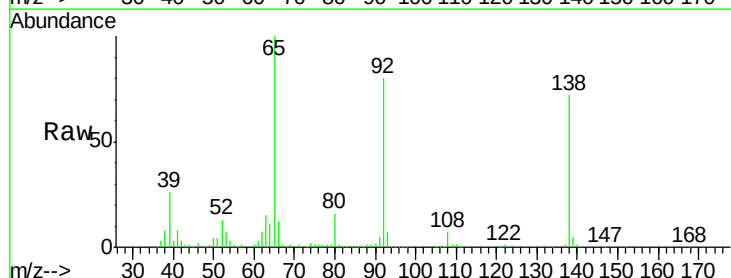
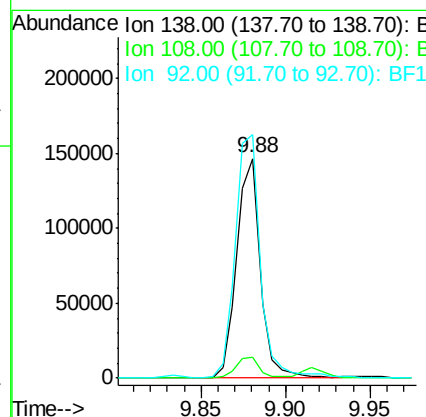
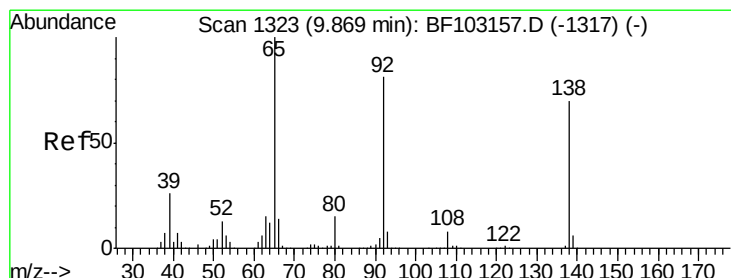
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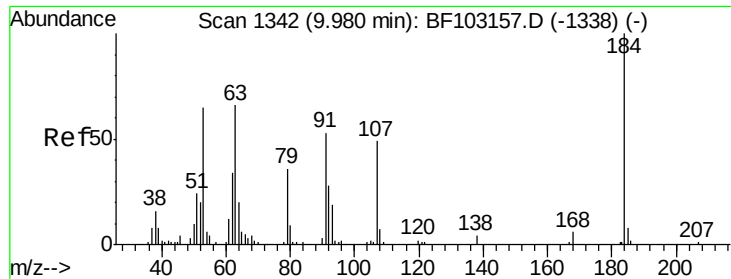
Sohil
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#52
3-Nitroaniline
Concen: 24.363 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.4	14.0
92	110.7	89.4	134.2





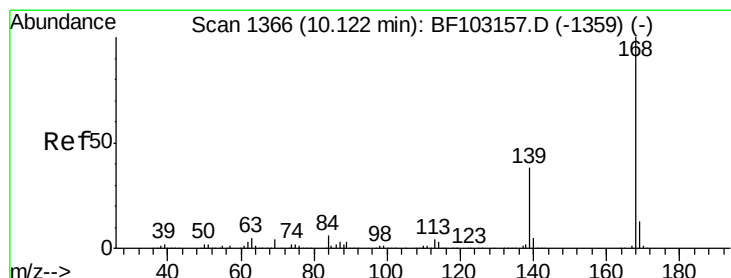
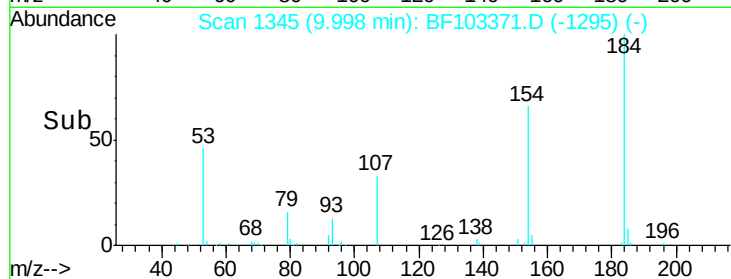
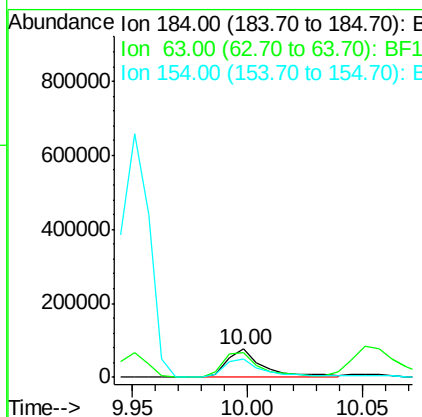
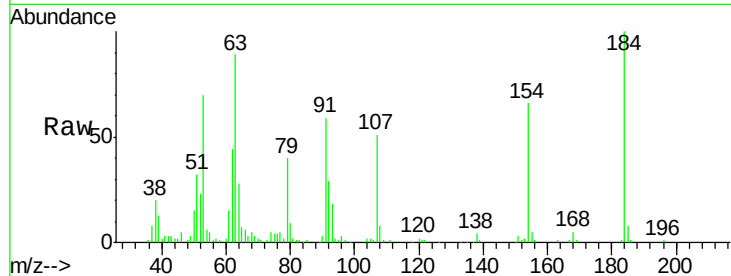
#53
2,4-Dinitrophenol
Concen: 53.528 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.7	54.2	81.2#
154	65.8	184.0	276.0#

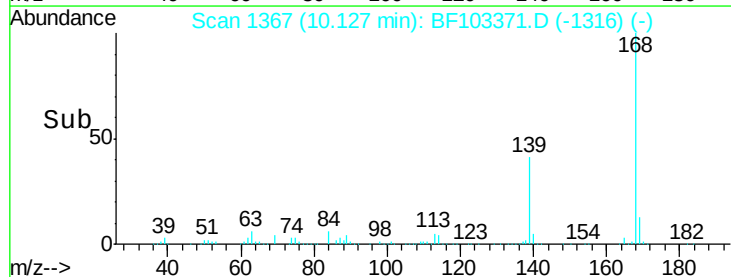
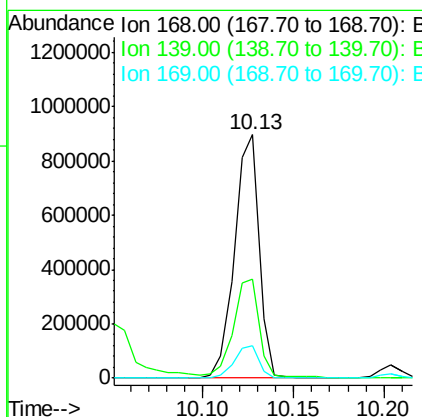
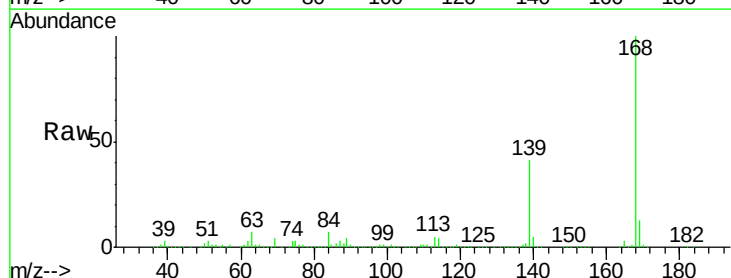
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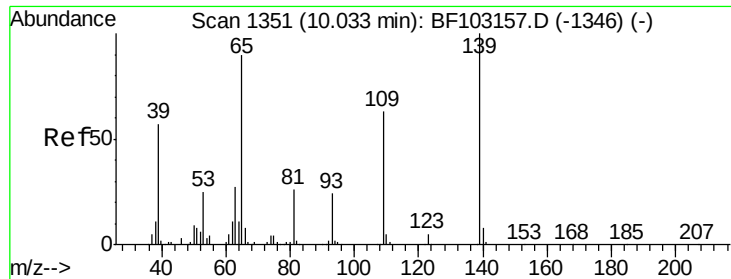
Sohil
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#54
Dibenzofuran
Concen: 37.860 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.1	45.1
169	13.2	10.9	16.3





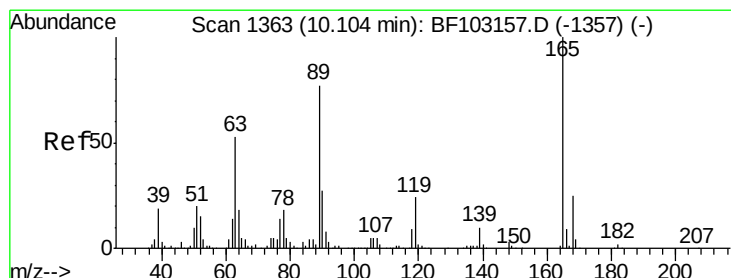
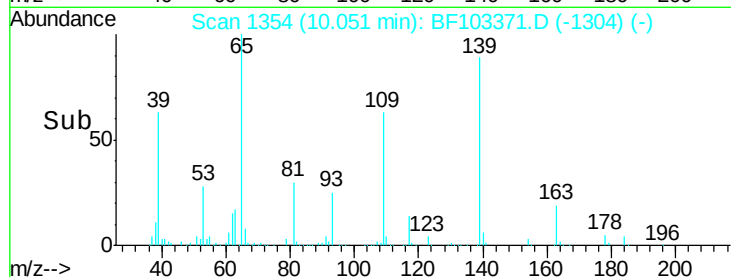
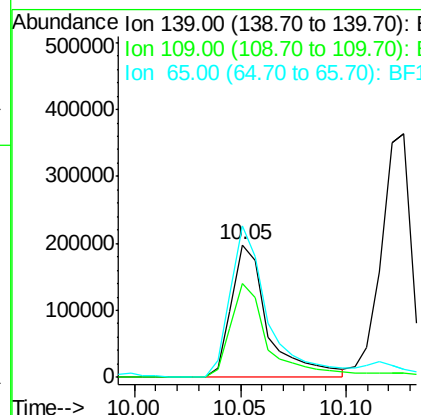
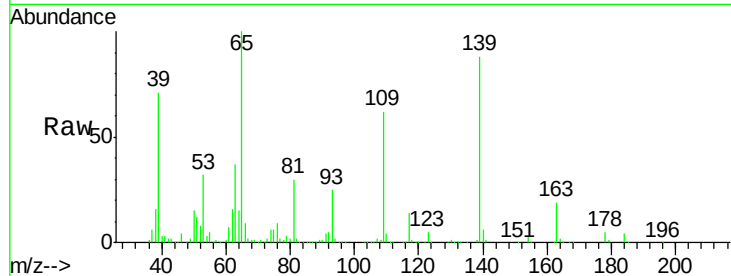
#55
4-Nitrophenol
Concen: 66.042 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	239769		
109	71.0	48.4	88.4	
65	114.3	72.6	112.6	

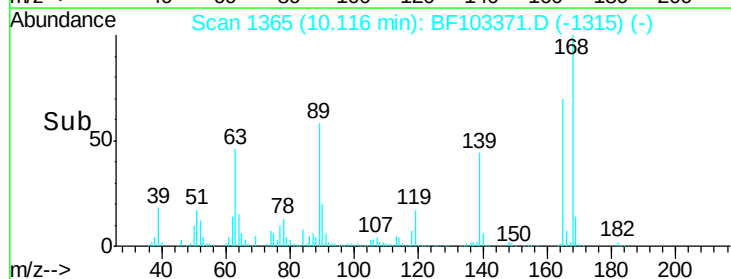
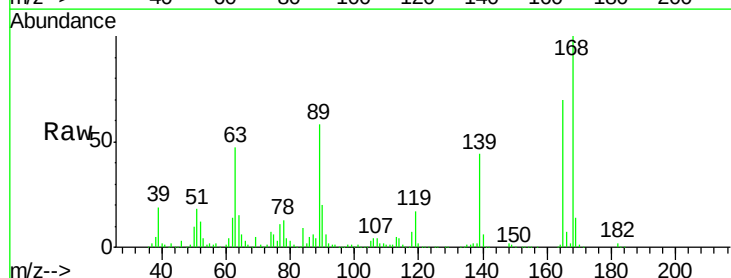
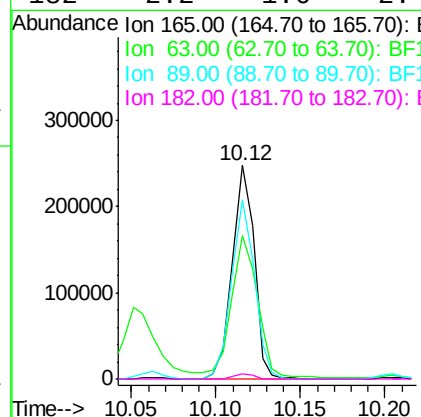
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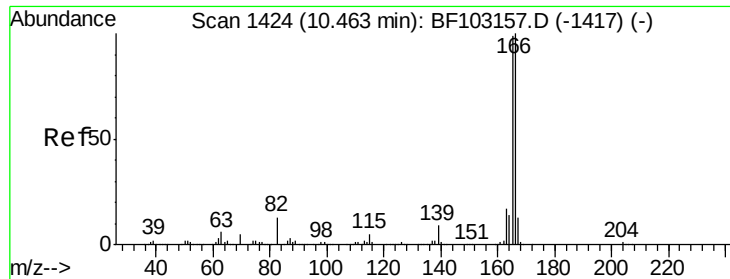
Sohil
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#56
2,4-Dinitrotoluene
Concen: 38.373 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	224080		
63	66.9	36.4	54.6	
89	83.7	57.8	86.6	
182	2.2	1.6	2.4	





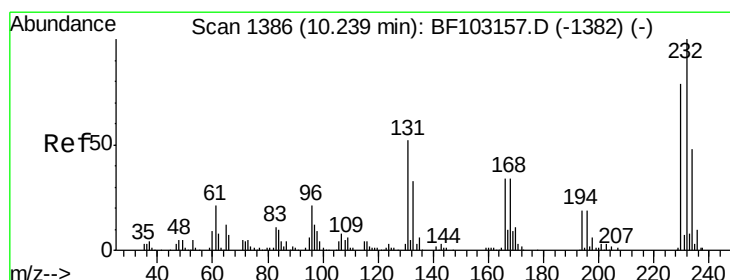
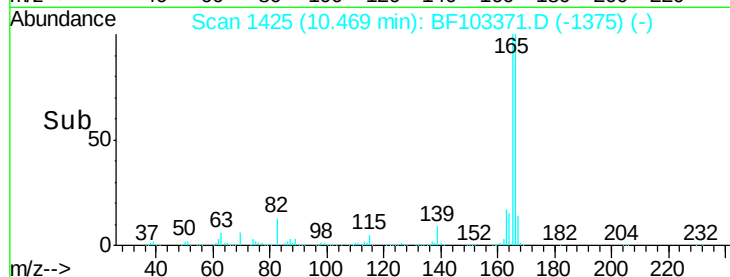
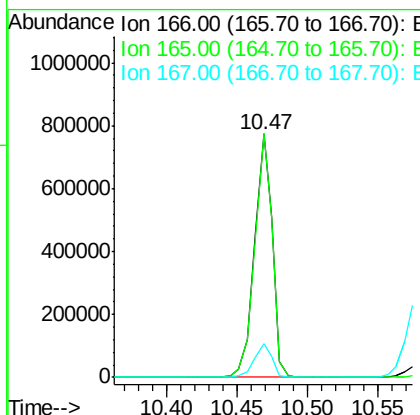
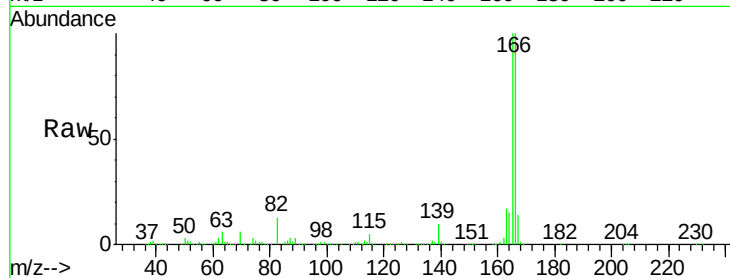
#57
 Fluorene
 Concen: 35.914 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampled :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	14.0	10.6	16.0

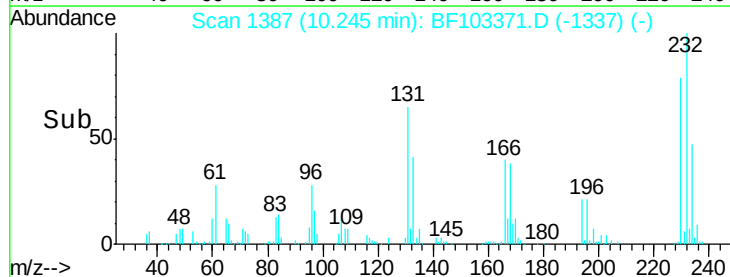
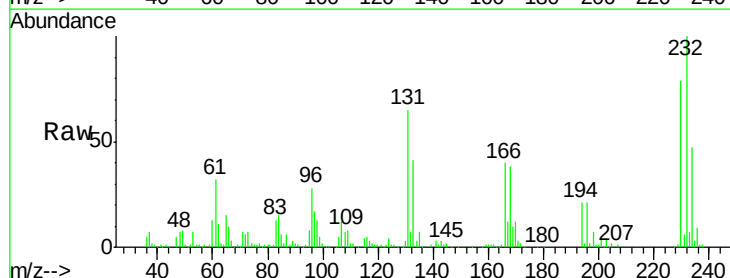
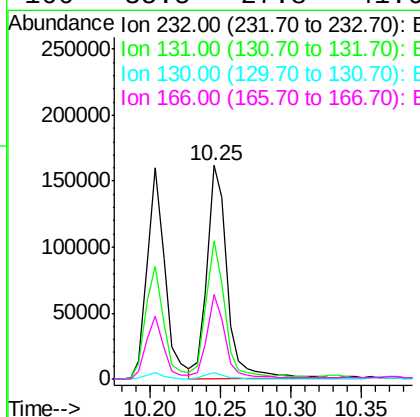
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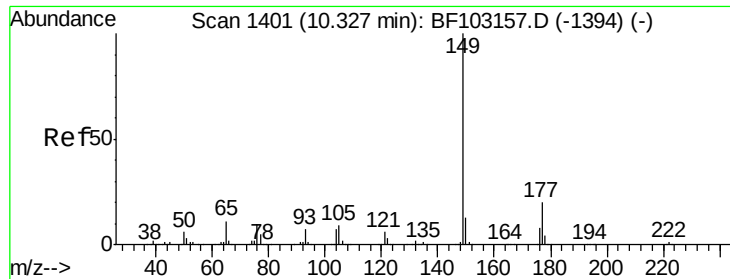
Sohil
 3/5/2018 3:13:20 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.134 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	60.6	43.8	65.8
130	2.9	2.1	3.1
166	35.5	27.8	41.6





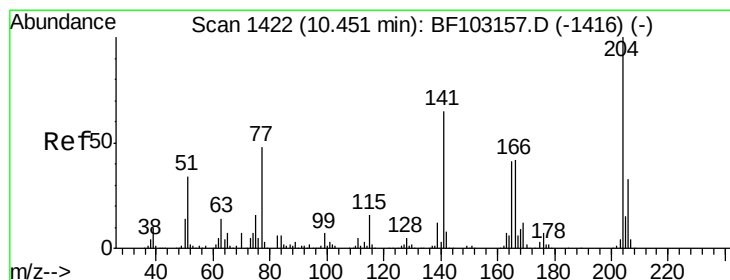
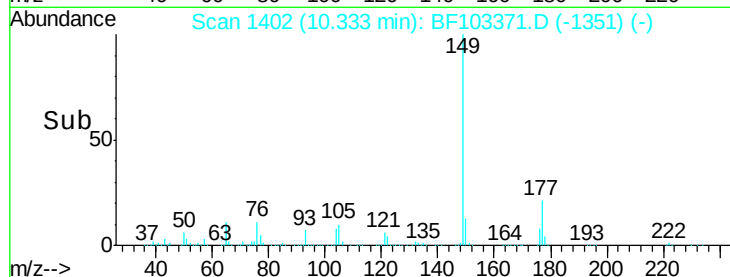
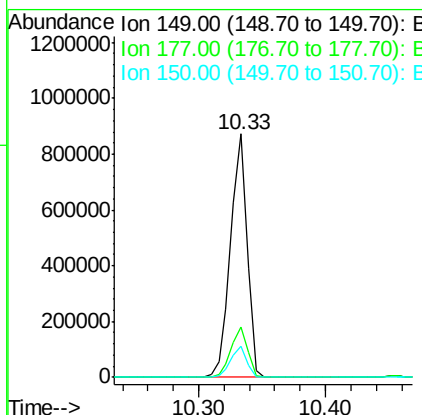
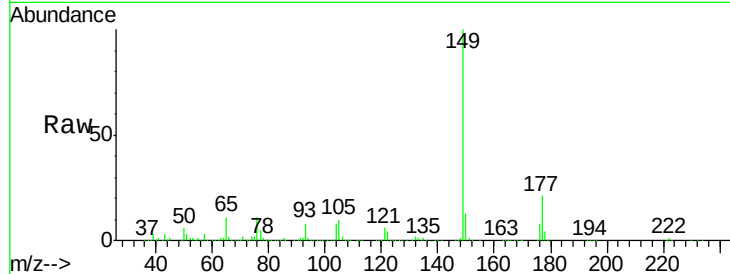
#59
Diethylphthalate
Concen: 37.474 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.6	10.1	15.1

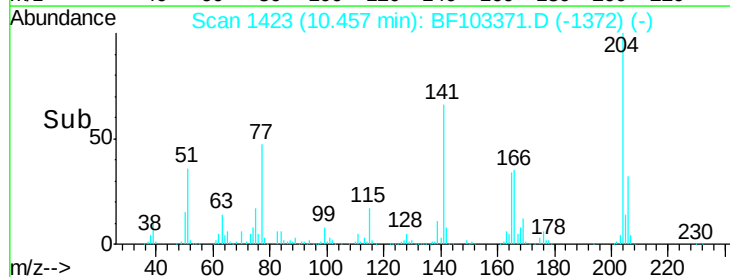
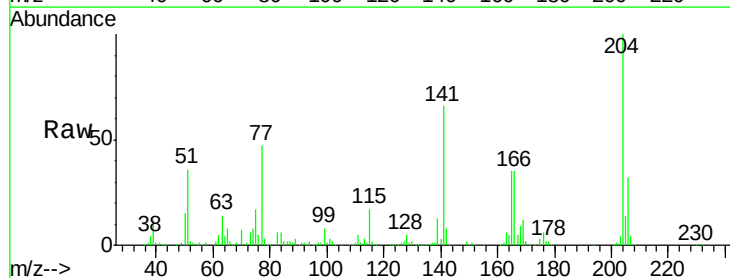
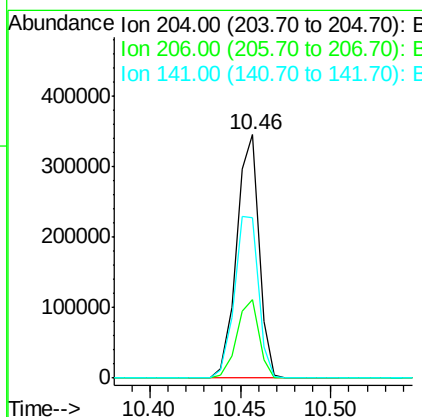
Manual Integrations
APPROVED

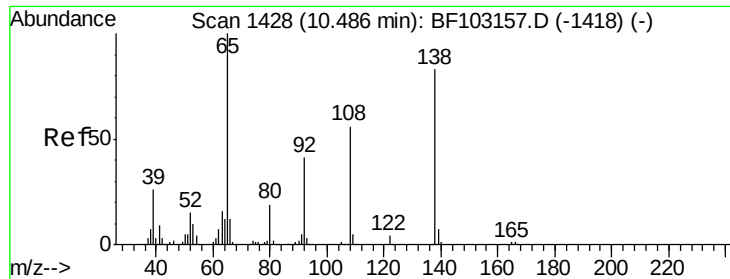
Sohil
3/5/2018 3:13:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.831 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	66.0	54.6	81.8





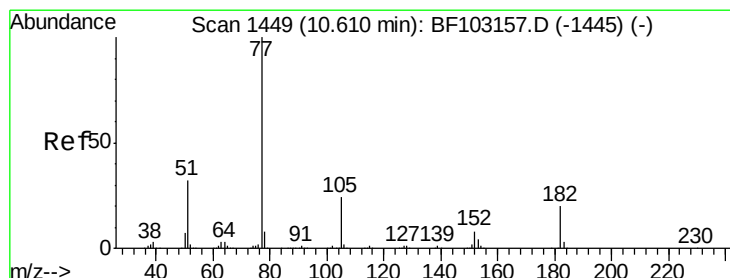
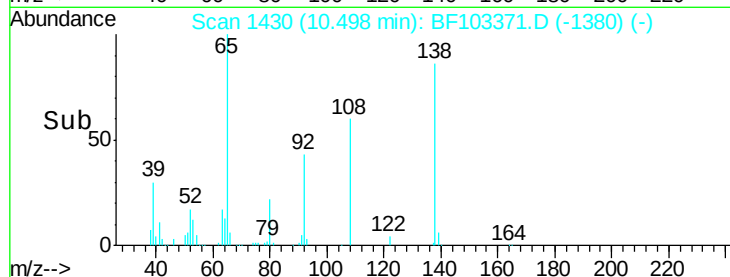
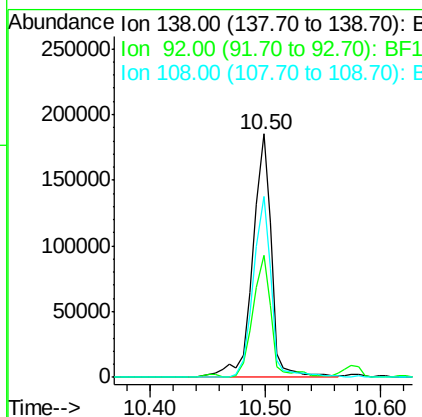
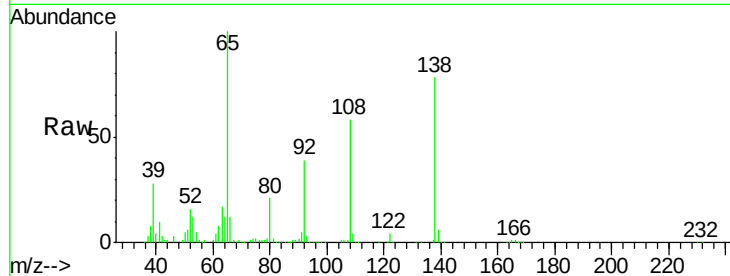
#61
4-Nitroaniline
Concen: 35.721 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	30.2	70.2
108	74.3	52.5	92.5

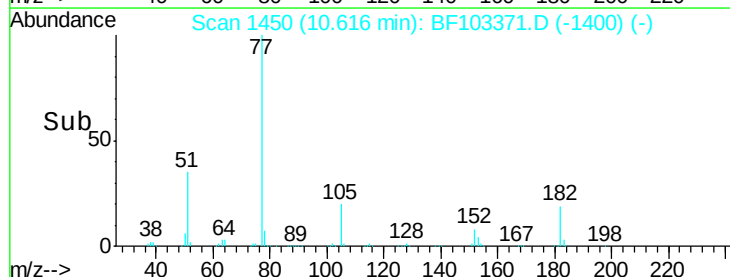
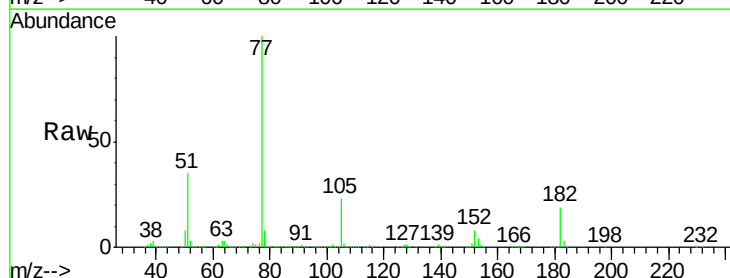
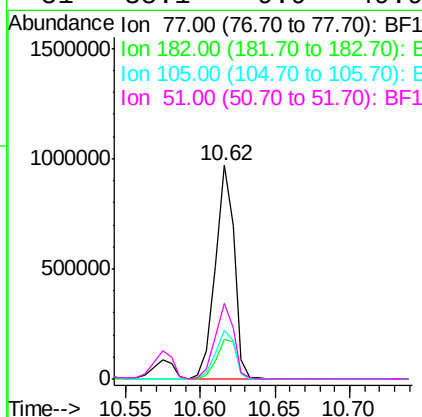
Manual Integrations
APPROVED

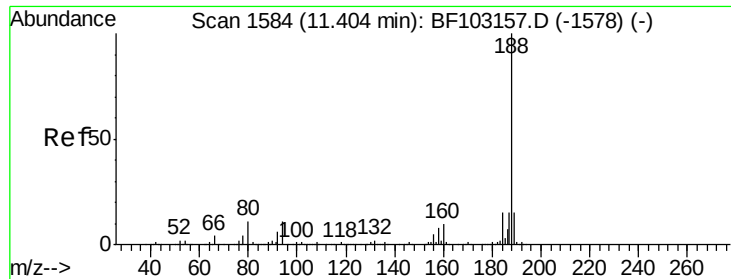
Sohil
3/5/2018 3:13:20 PM



#62
Azobenzene
Concen: 39.916 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	1.7	41.7
105	22.9	3.0	43.0
51	35.1	9.9	49.9





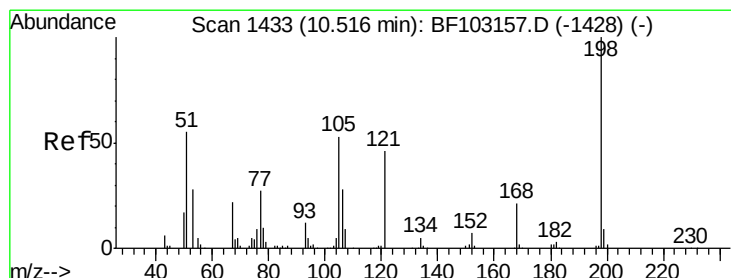
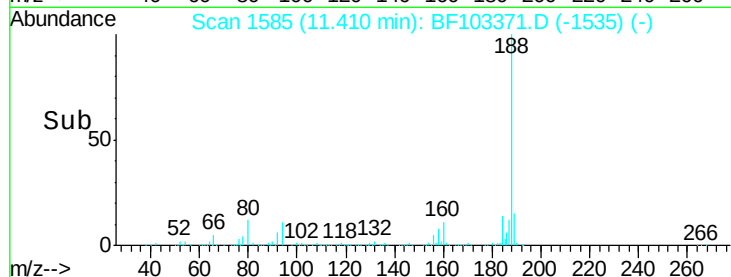
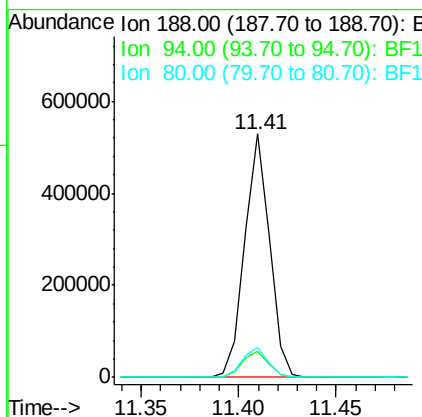
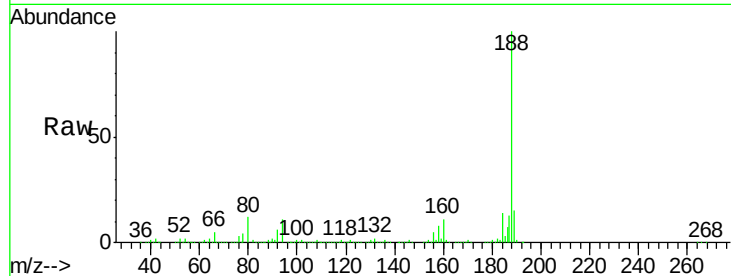
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	469554		
94	10.9		8.5	12.7
80	12.1		9.2	13.8

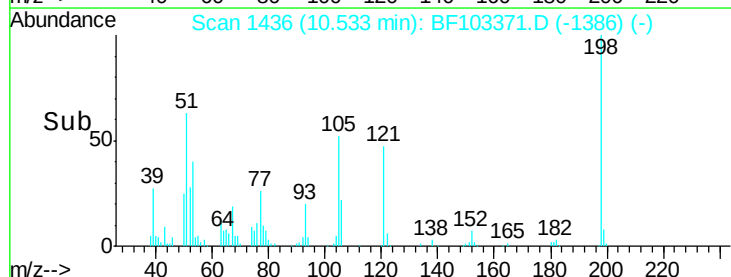
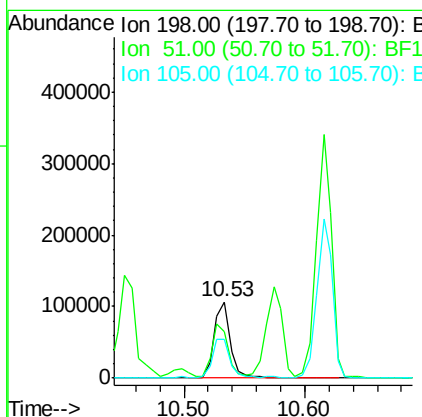
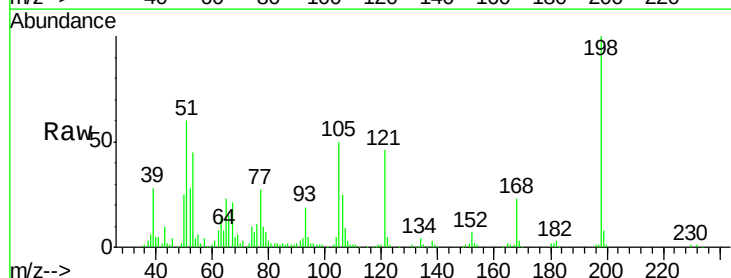
Manual Integrations
APPROVED

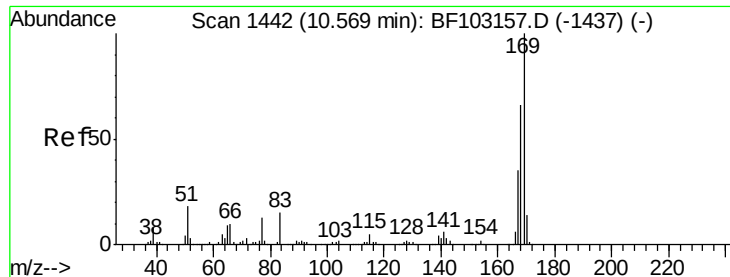
Sohil
3/5/2018 3:13:20 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.798 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	98273		
51	60.5		37.7	77.7
105	50.0		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.560 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion:169 Resp: 614081

Ion Ratio Lower Upper

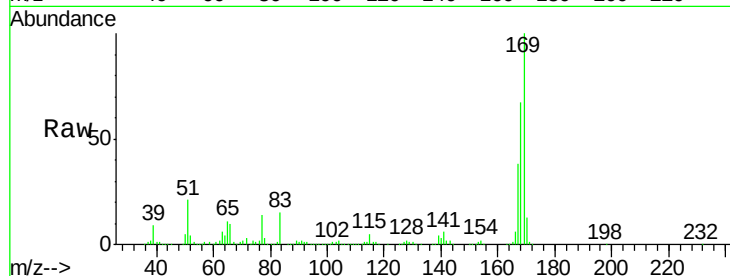
169 100

168 67.3 54.4 81.6

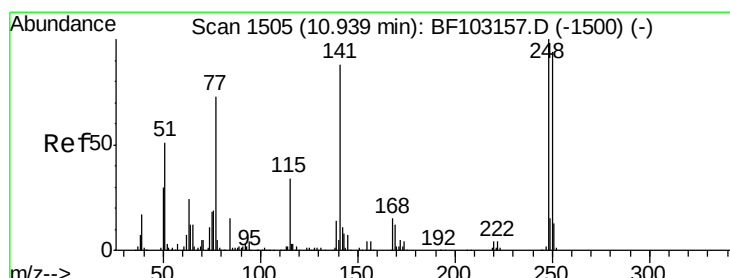
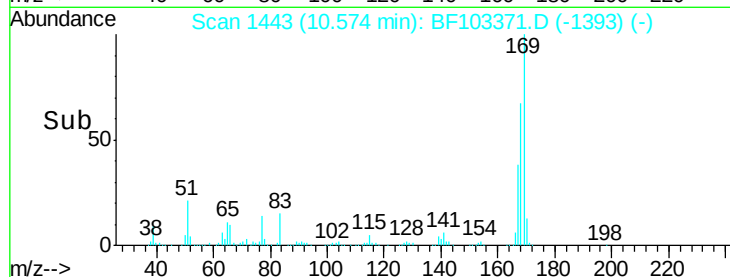
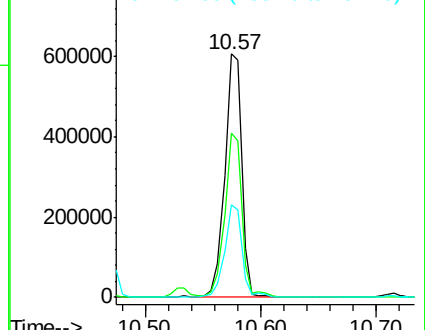
167 37.8 29.8 44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.030 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

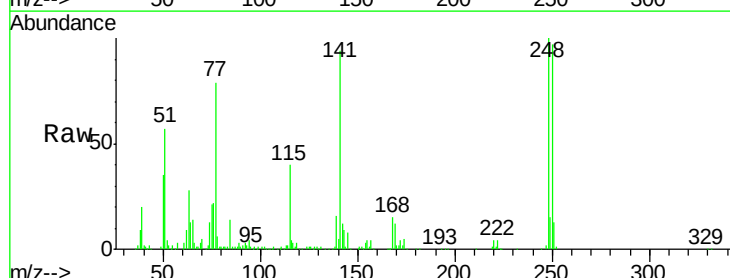
Tgt Ion:248 Resp: 176237

Ion Ratio Lower Upper

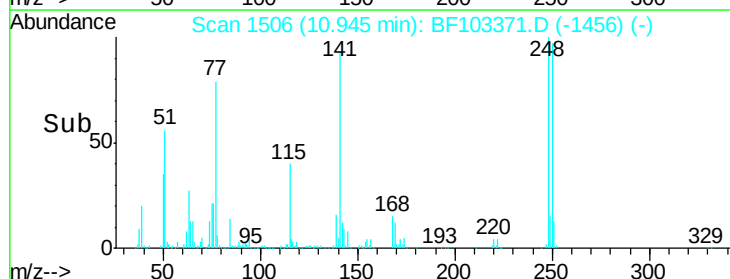
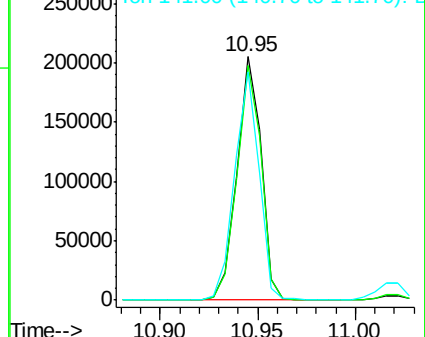
248 100

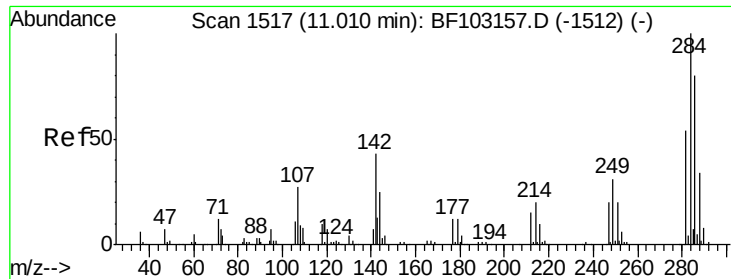
250 96.5 76.9 115.3

141 93.5 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





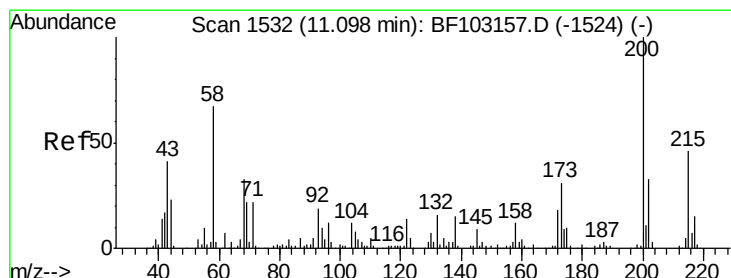
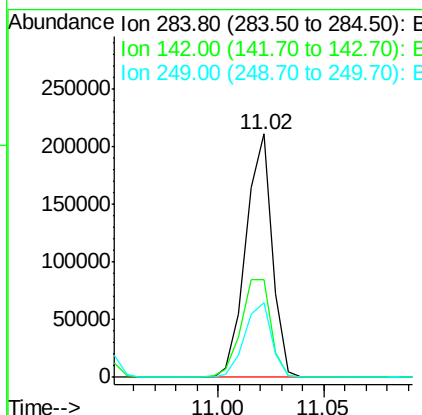
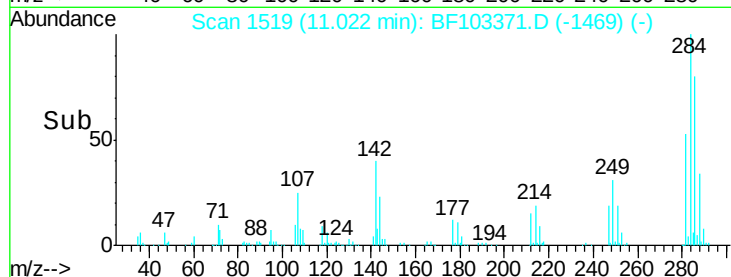
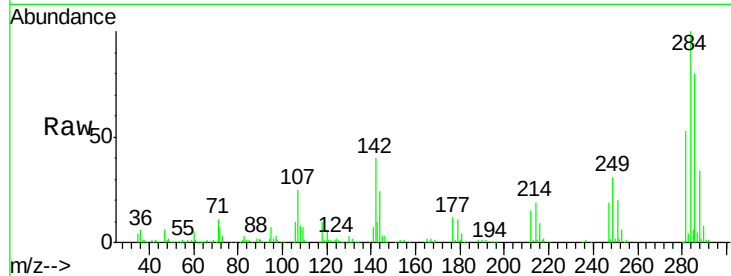
#67
Hexachlorobenzene
Concen: 34.493 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	183126		
142	40.3	34.6	52.0	
249	30.9	24.8	37.2	

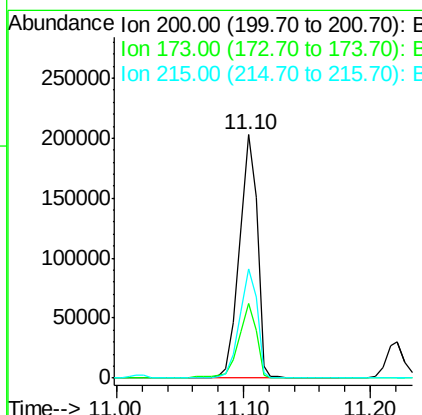
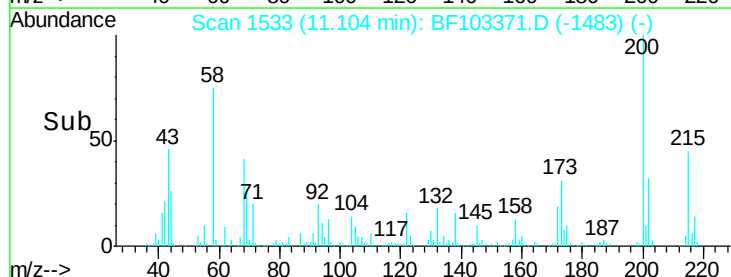
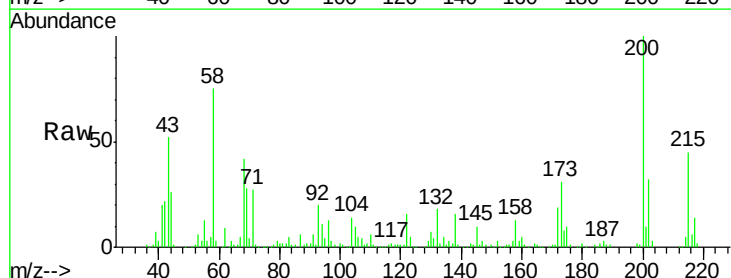
Manual Integrations
APPROVED

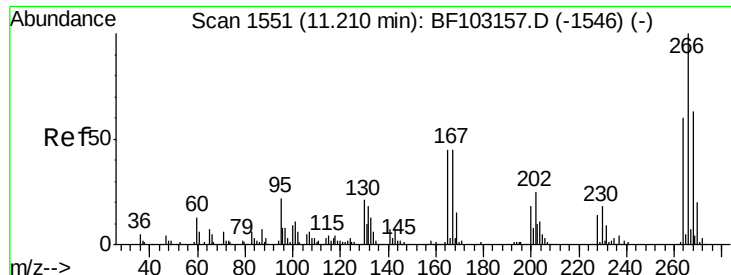
Sohil
3/5/2018 3:13:20 PM



#68
Atrazine
Concen: 39.675 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	194967		
173	30.6	8.6	48.6	
215	44.9	25.1	65.1	





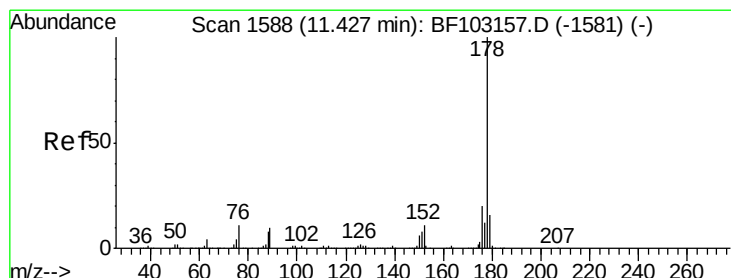
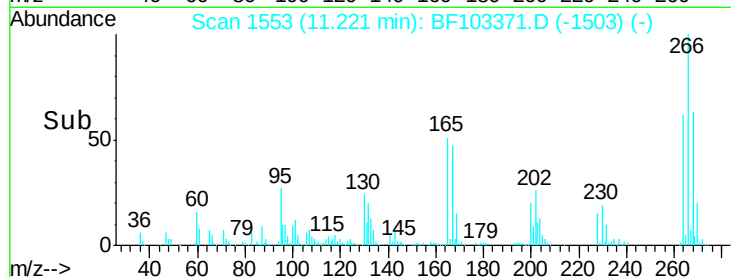
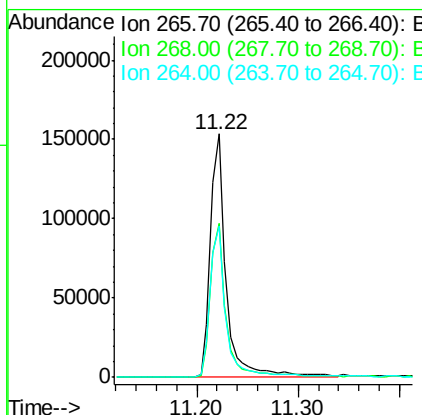
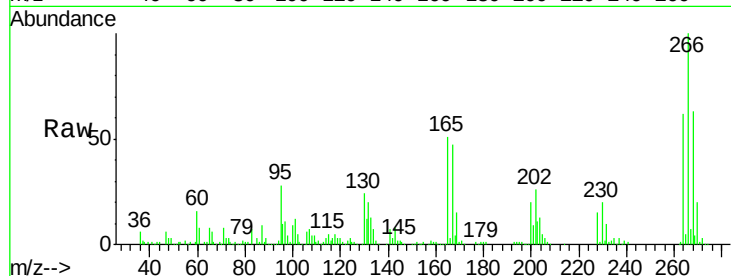
#69
 Pentachlorophenol
 Concen: 65.674 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	62.1	49.5	74.3

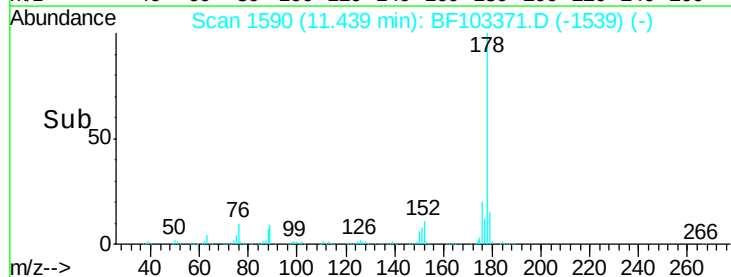
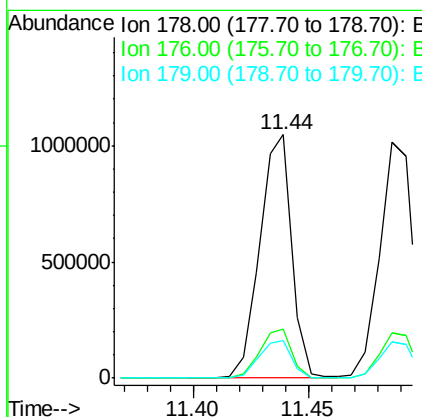
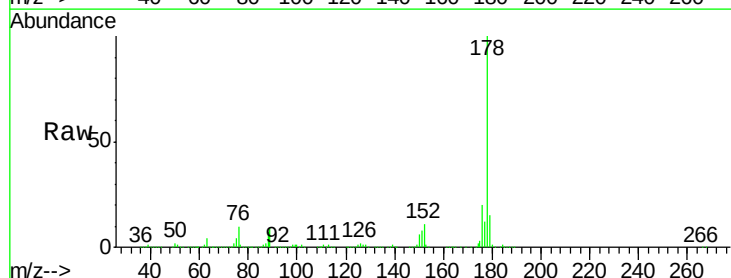
Manual Integrations
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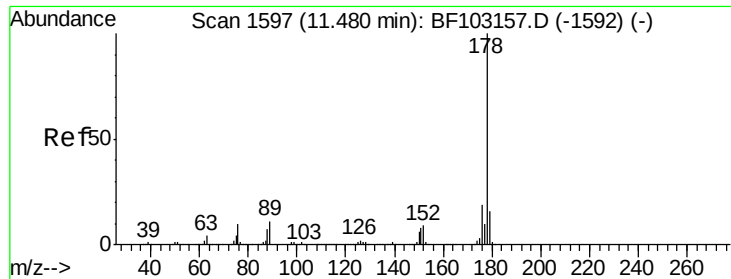
Sohil
 3/5/2018 3:13:20 PM



#70
 Phenanthrene
 Concen: 38.926 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.3	13.0	19.6





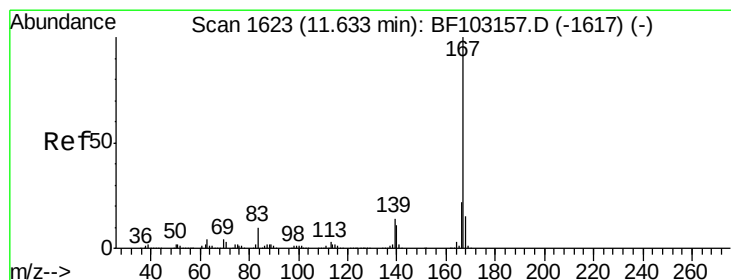
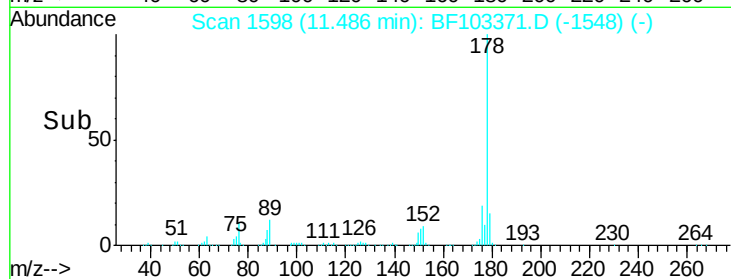
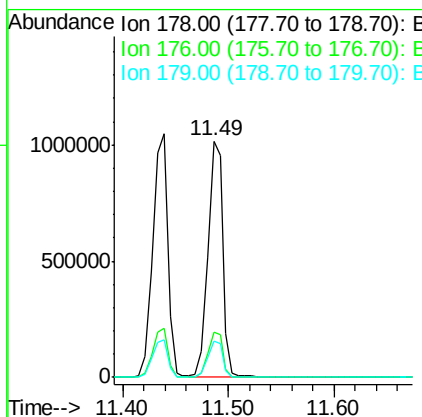
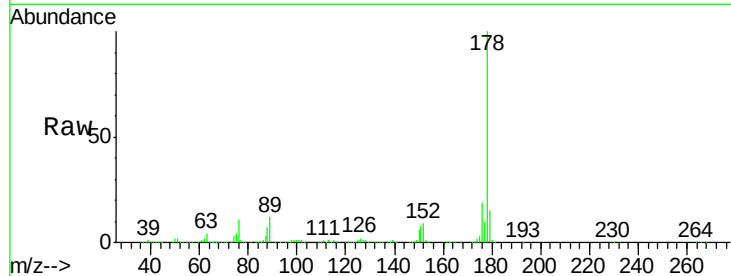
#71
 Anthracene
 Concen: 37.906 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion:178 Resp: 1004456
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0

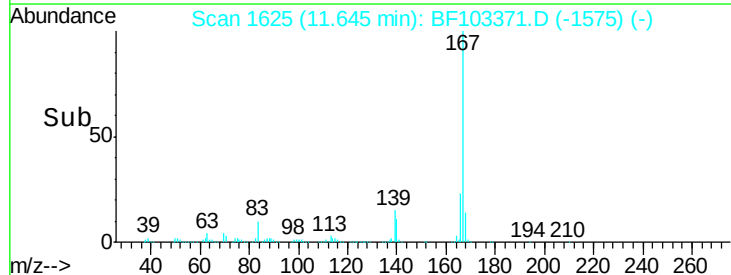
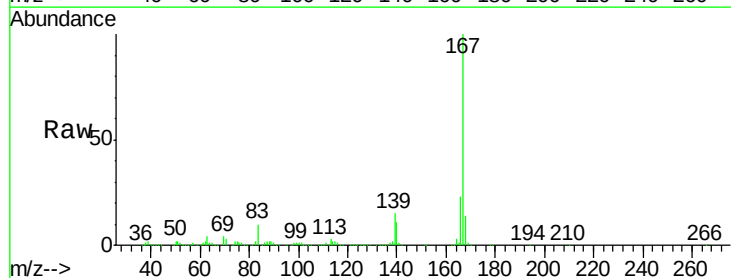
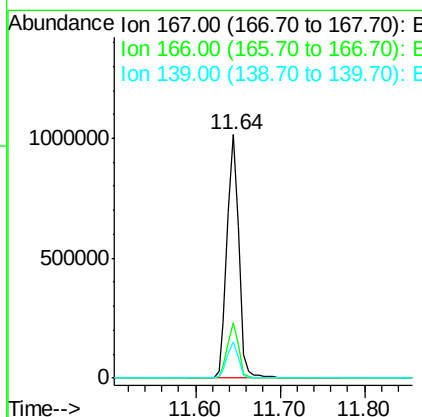
Manual Integrations
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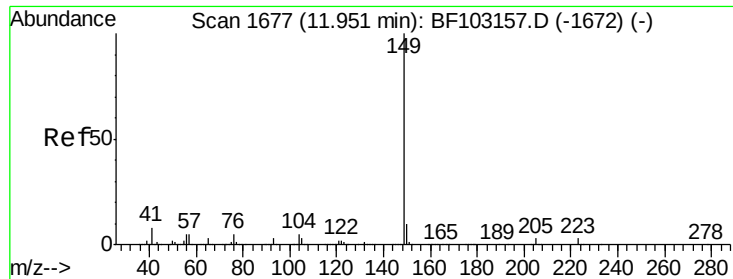
Sohil
 3/5/2018 3:13:20 PM



#72
 Carbazole
 Concen: 37.398 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion:167 Resp: 986842
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.9 10.9 16.3





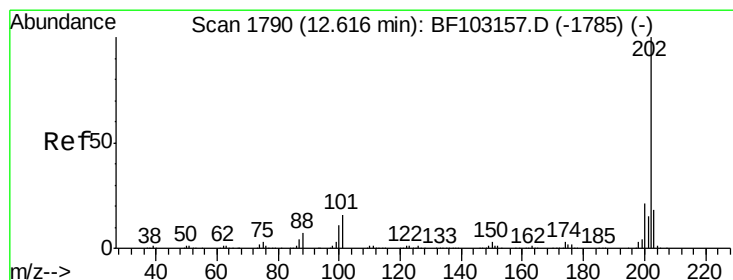
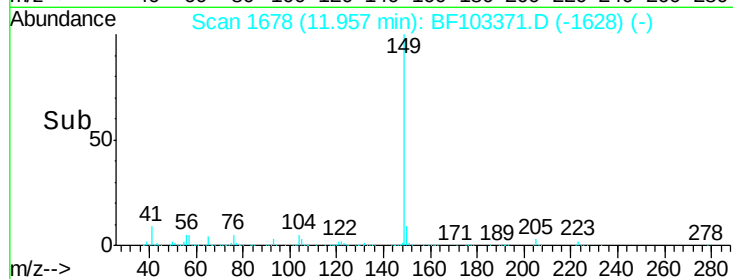
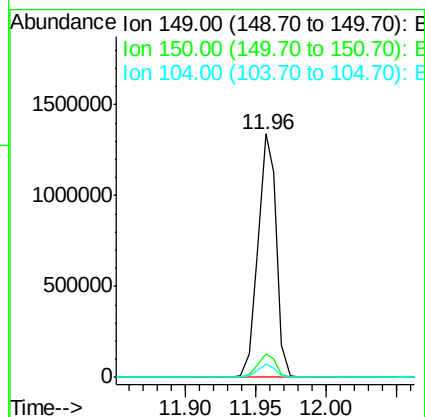
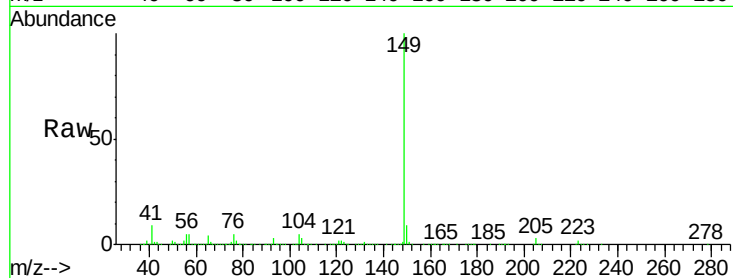
#73
Di-n-butylphthalate
Concen: 37.126 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.4	3.8	5.8

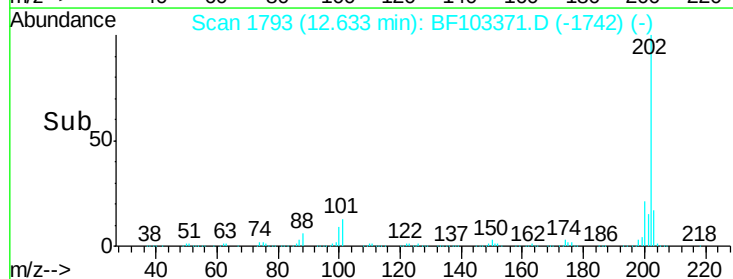
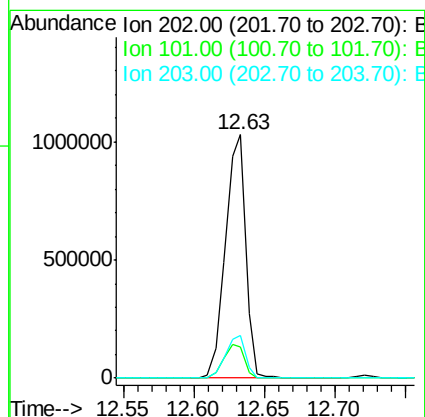
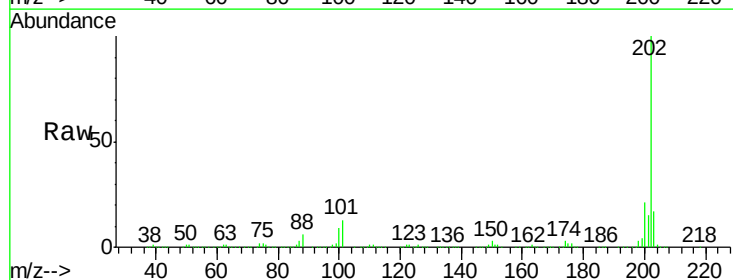
Manual Integrations
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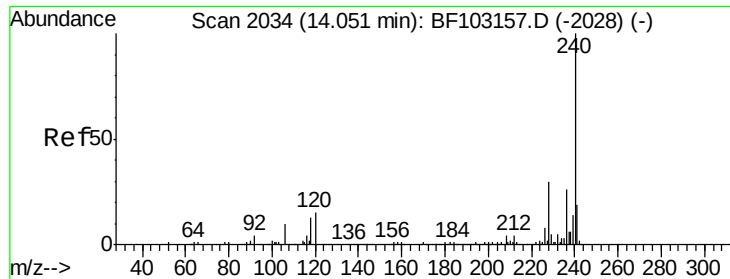
Sohil
3/5/2018 3:13:20 PM



#74
Fluoranthene
Concen: 39.487 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.5	0.0	38.1





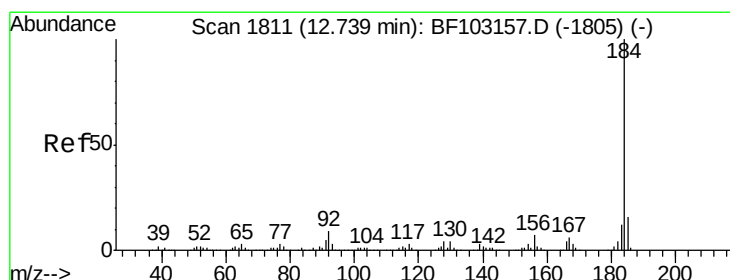
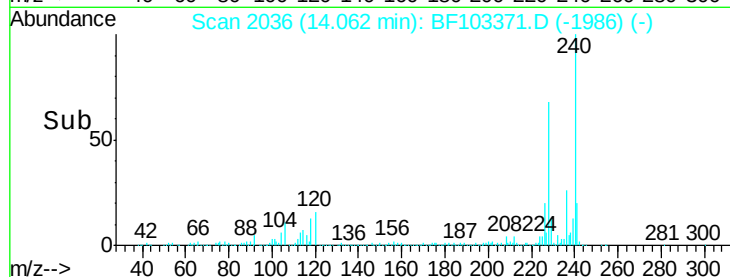
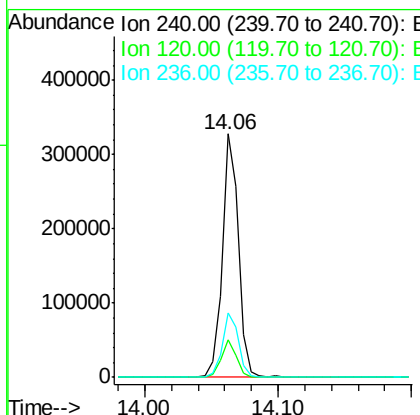
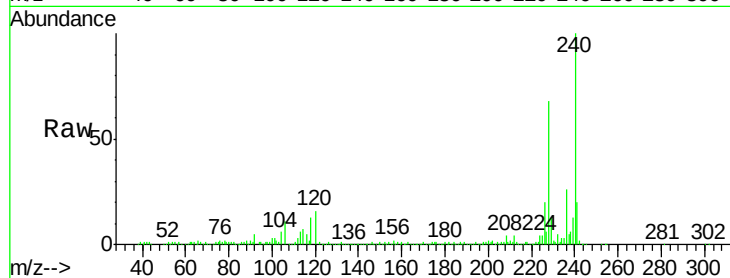
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3
236	26.5	20.7	31.1

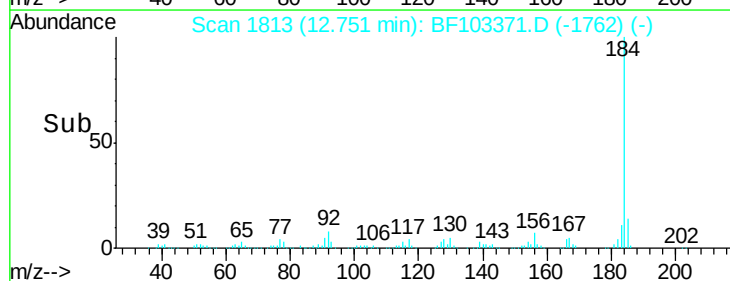
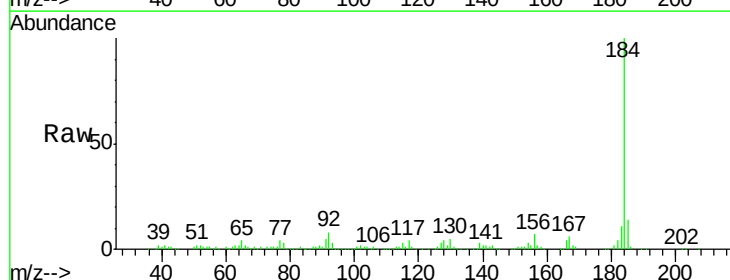
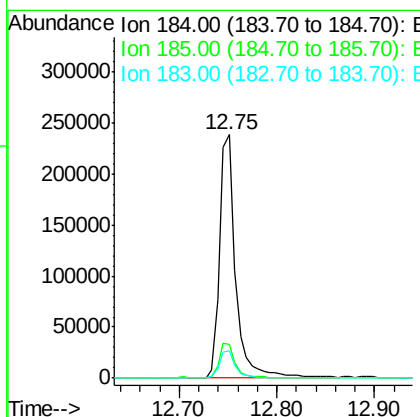
Manual Integrations
APPROVED

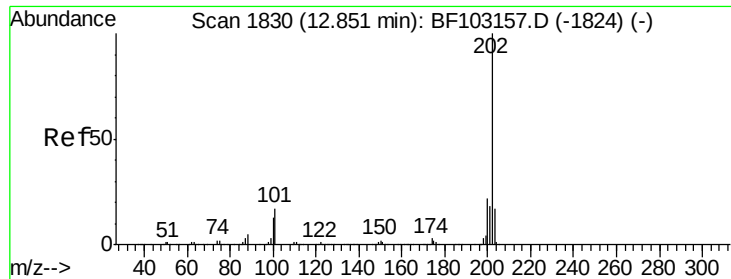
Sohil
3/5/2018 3:13:20 PM



#76
Benzidine
Concen: 26.385 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.2	9.3	13.9





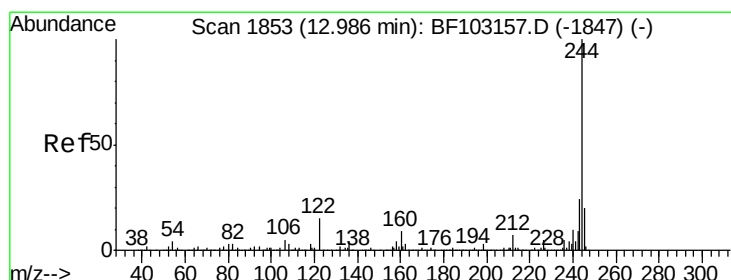
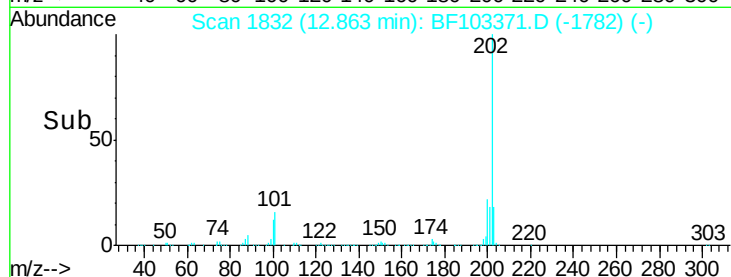
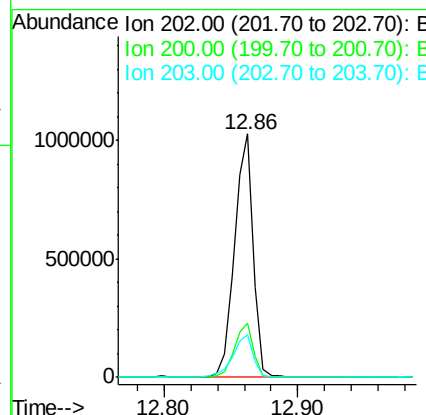
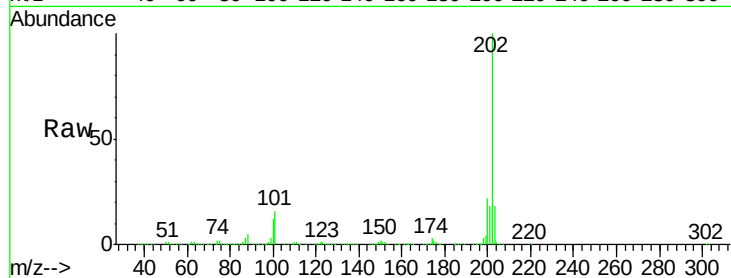
#77
Pvrene
Concen: 46.315 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.6	14.3	21.5

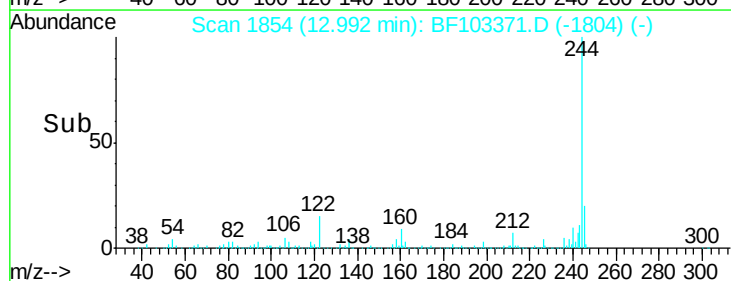
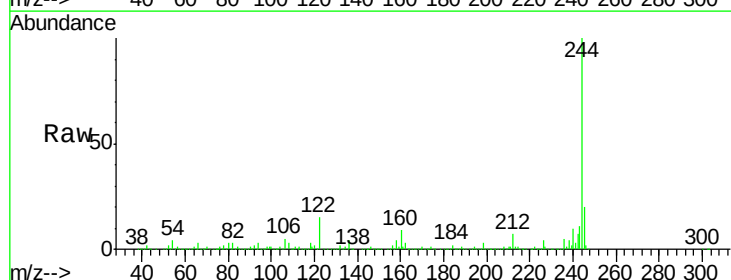
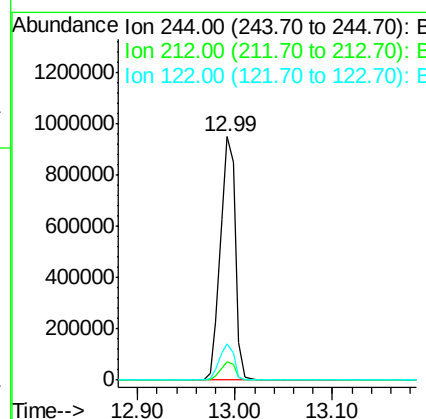
Manual Integrations
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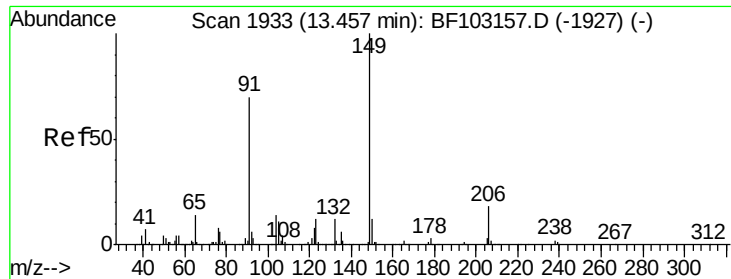
Sohil
3/5/2018 3:13:20 PM



#78
Terphenyl-d14
Concen: 86.882 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	15.1	11.0	16.4





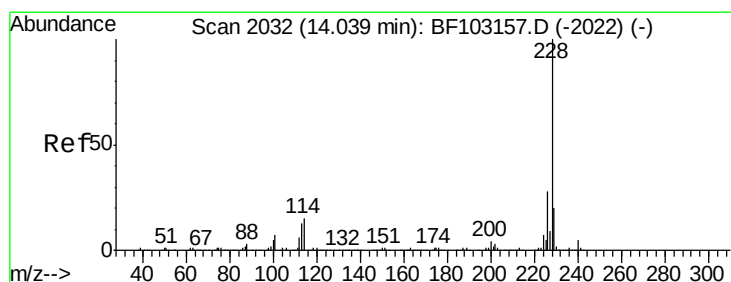
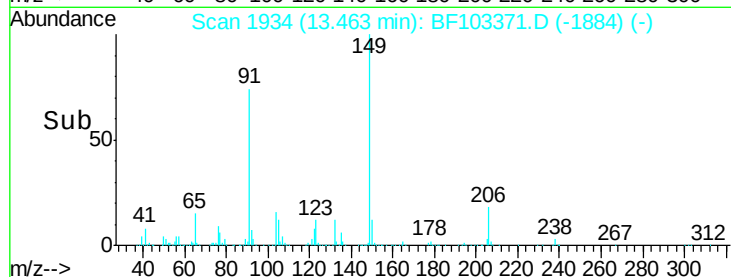
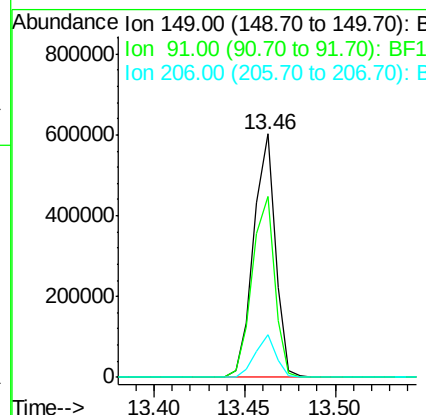
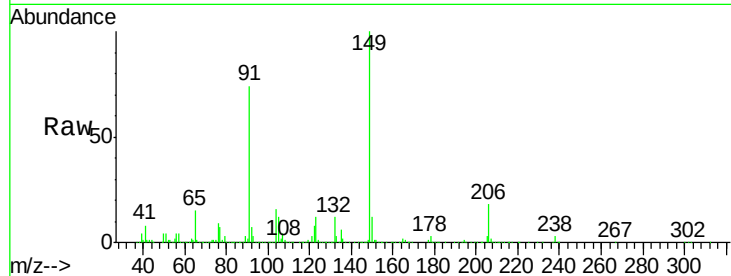
#79
Butylbenzylphthalate
Concen: 43.798 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	56.8	85.2
206	17.7	14.1	21.1

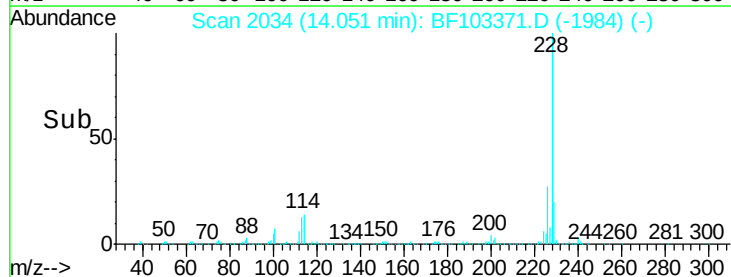
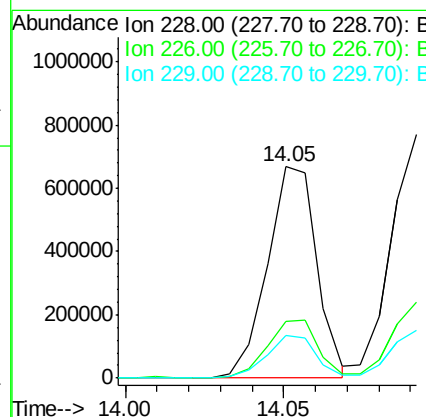
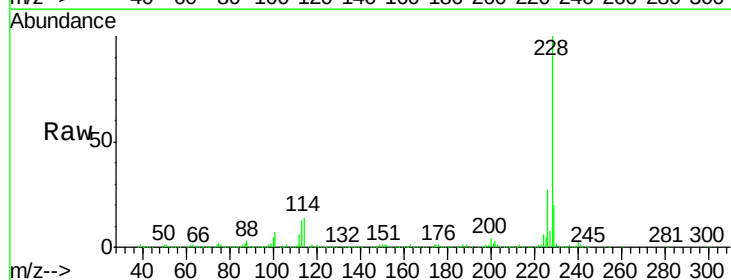
Manual Integrations
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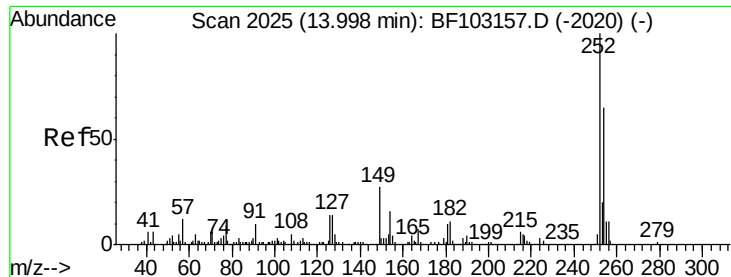
Sohil
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#80
Benzo(a)anthracene
Concen: 40.026 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

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





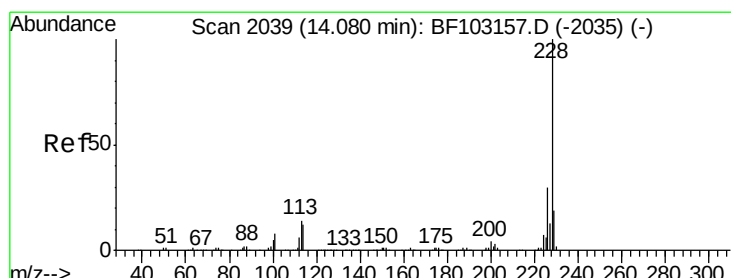
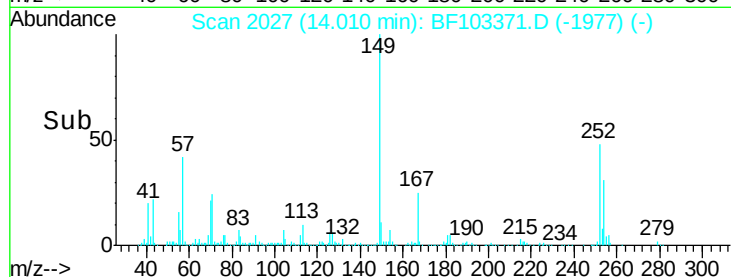
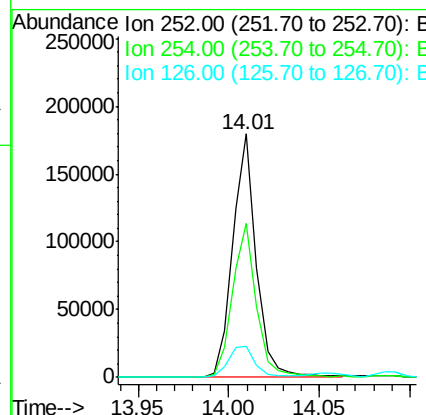
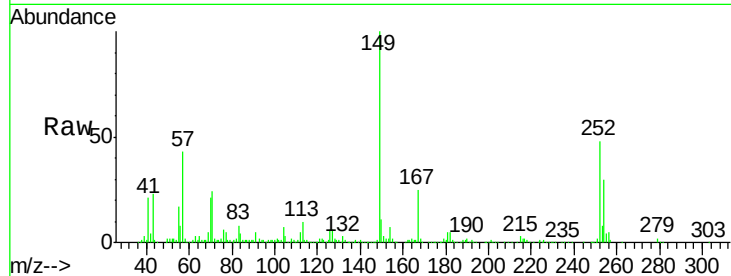
#81
 3,3'-Dichlorobenzidine
 Concen: 25.145 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	13.0	11.3	16.9

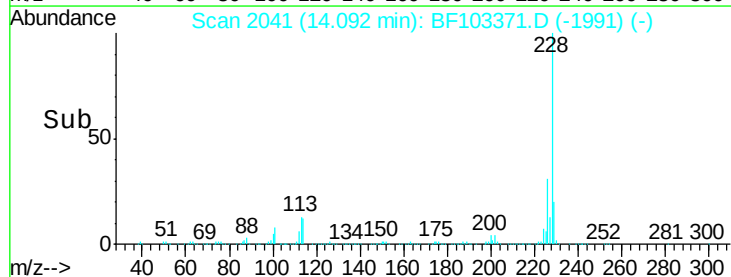
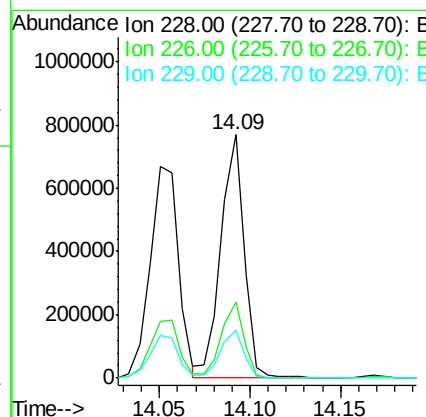
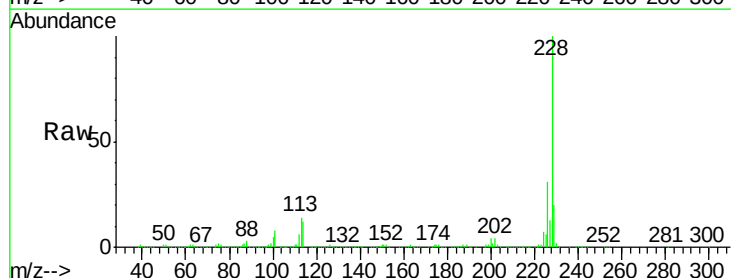
Manual Integrations
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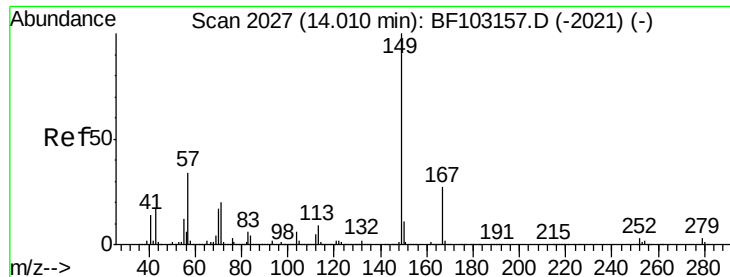
Sohil
 3/5/2018 3:13:20 PM



#82
 Chrysene
 Concen: 38.962 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.6	16.2	24.4





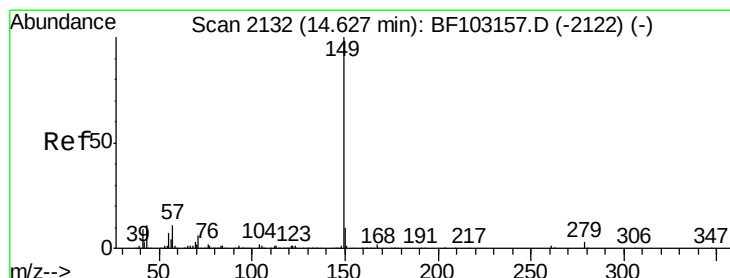
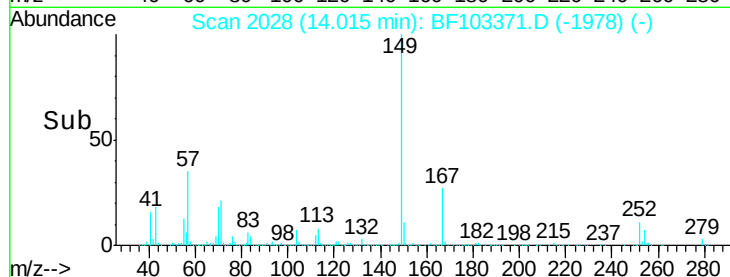
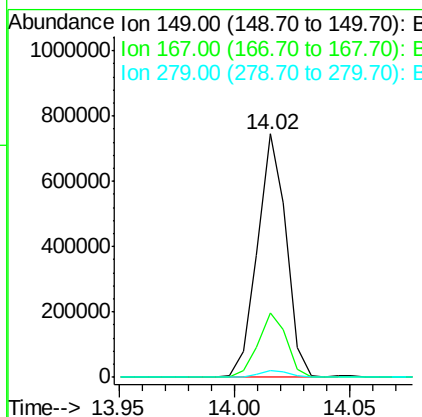
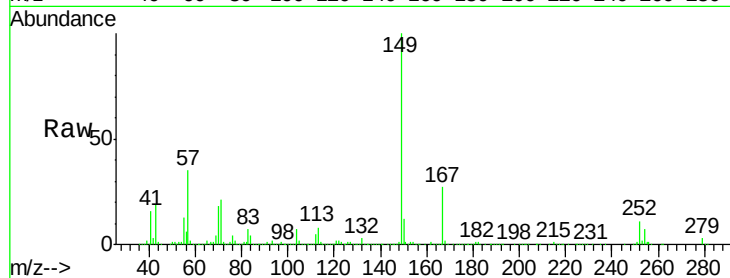
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.821 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	2.9	3.0	4.4#

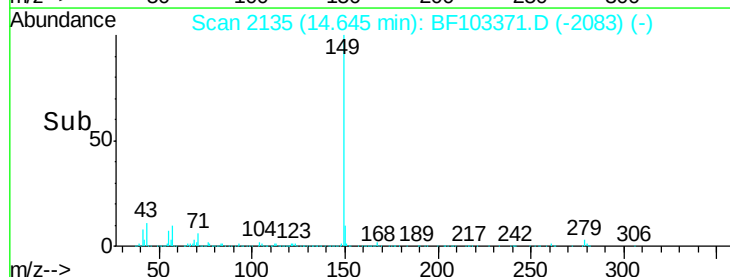
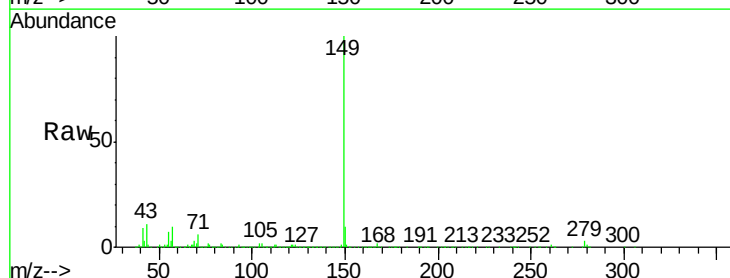
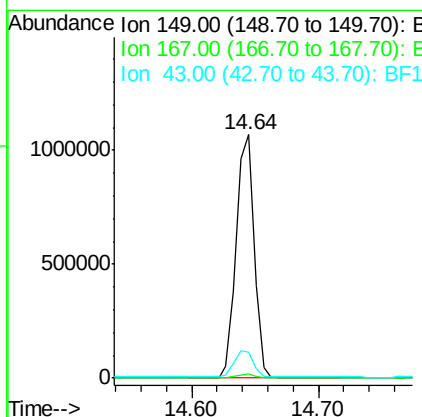
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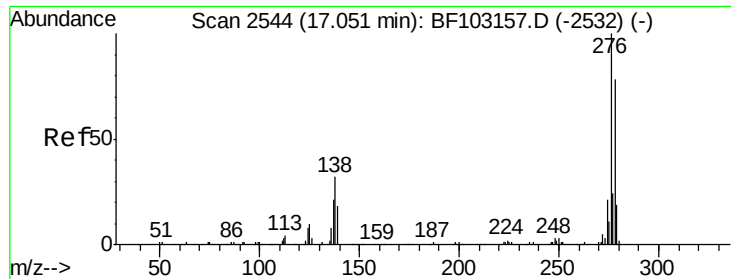
Sohil
 3/5/2018 3:13:20 PM



#84
 Di-n-octyl phthalate
 Concen: 41.273 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BF103371.D
 Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	8.4	12.6





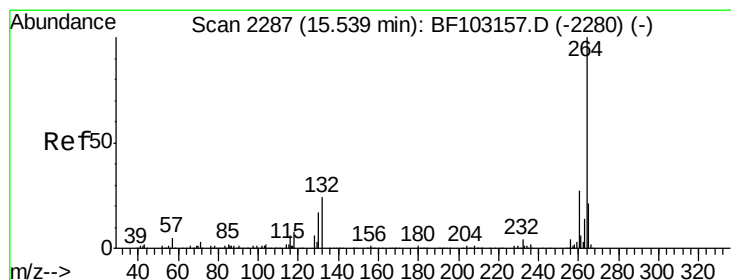
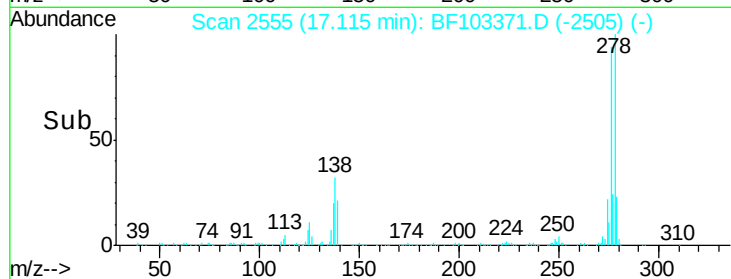
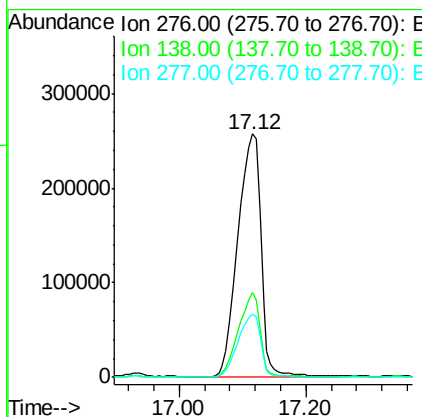
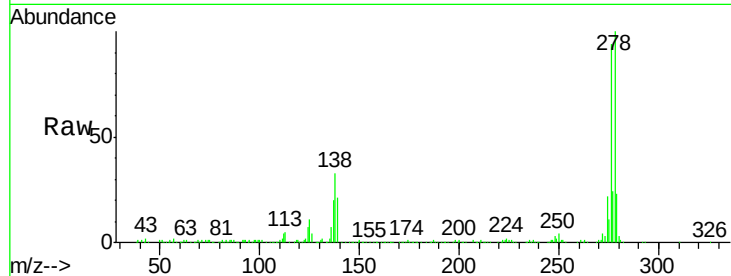
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.400 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.0	37.6
277	24.9	20.1	30.1

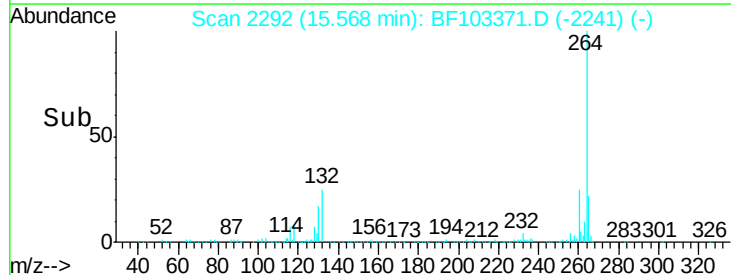
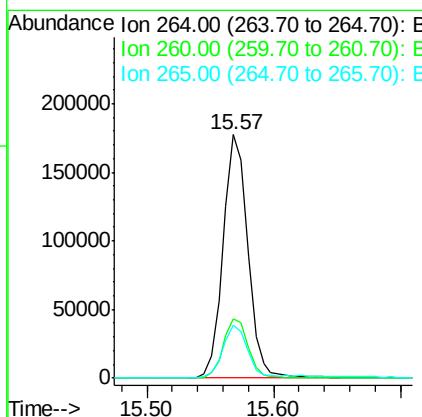
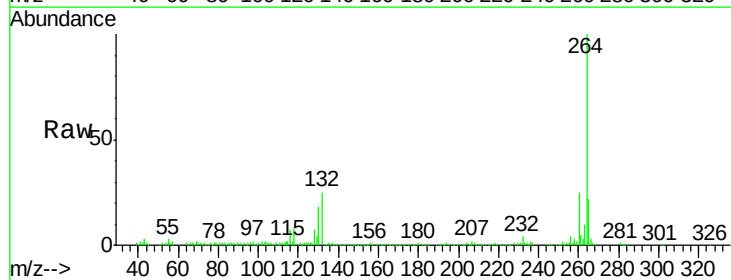
Manual Integrations
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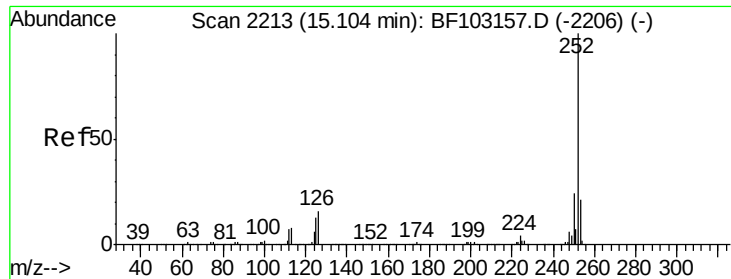
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3





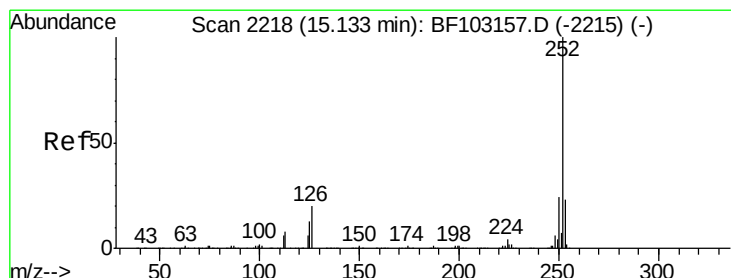
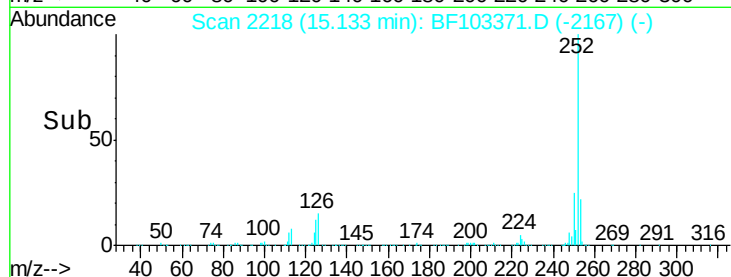
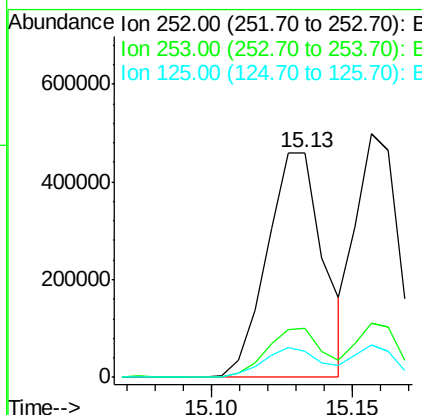
#87
Benzo(b)fluoranthene
Concen: 40.160 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.7	9.0	13.6

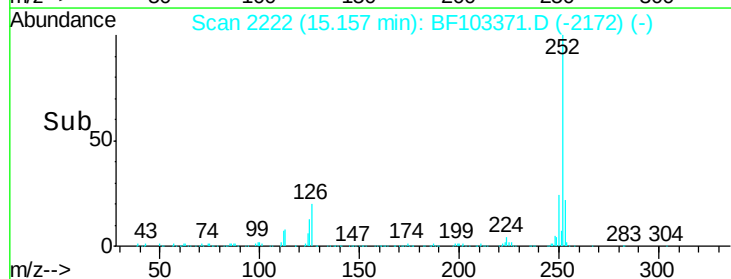
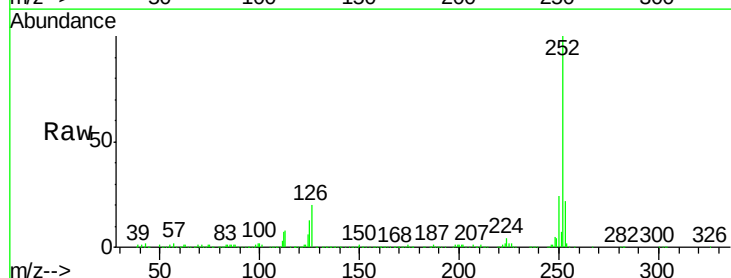
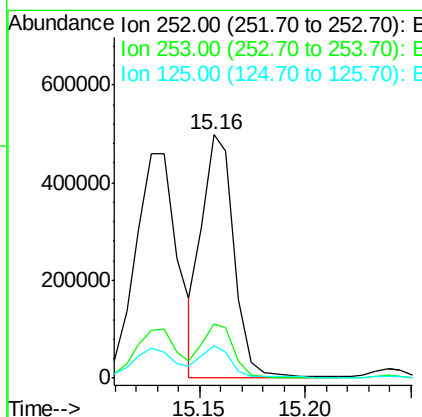
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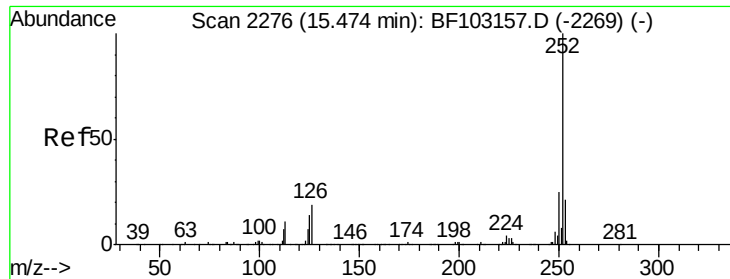
Sohil
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#88
Benzo(k)fluoranthene
Concen: 35.343 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.3	10.2	15.2





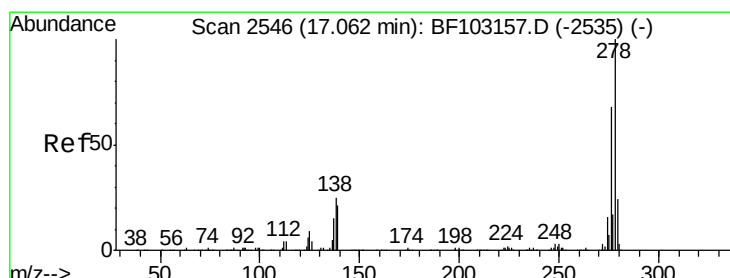
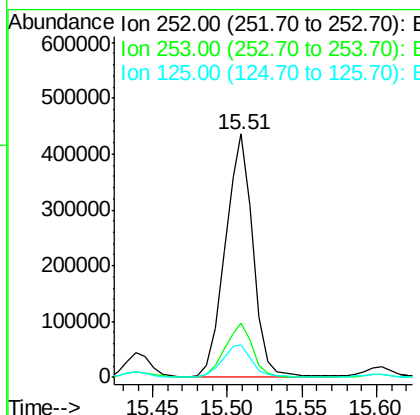
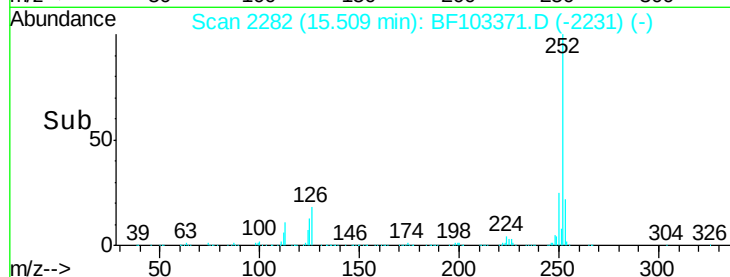
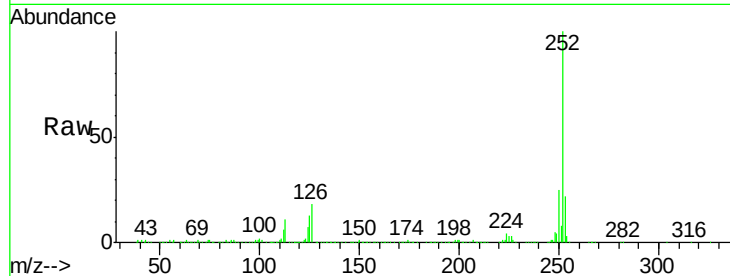
#89
Benzo(a)pyrene
Concen: 40.004 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.2	9.8	14.6

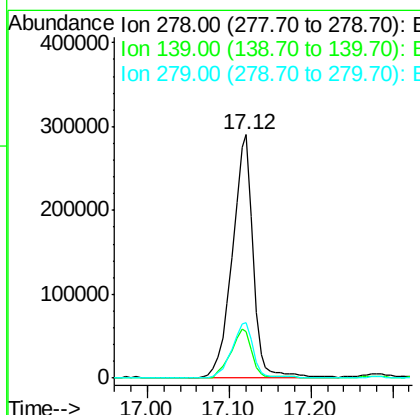
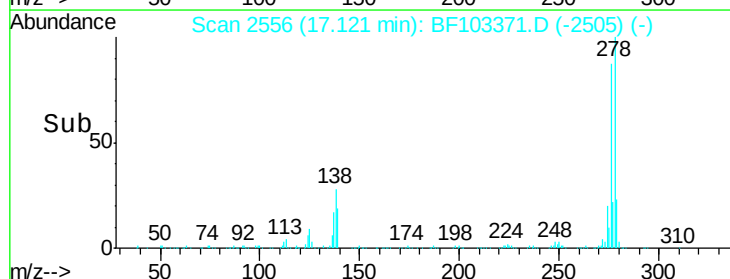
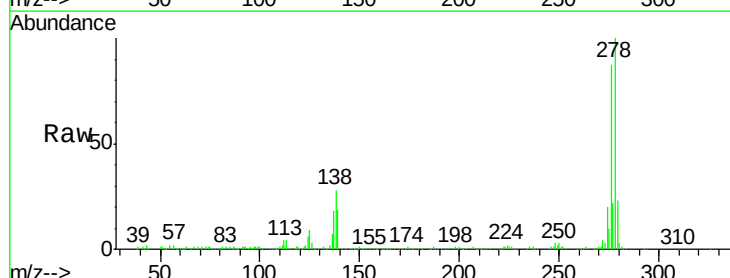
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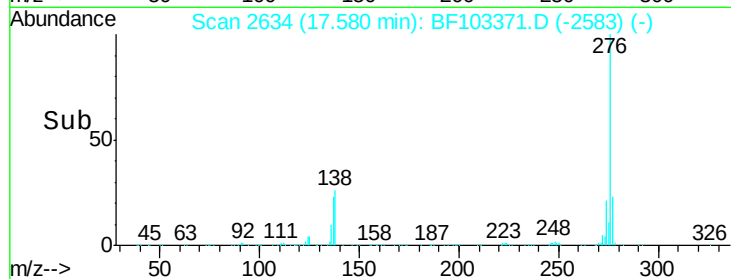
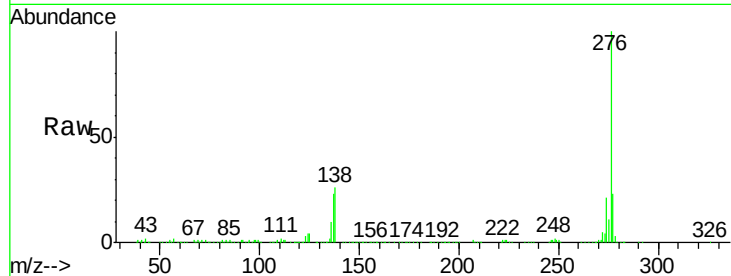
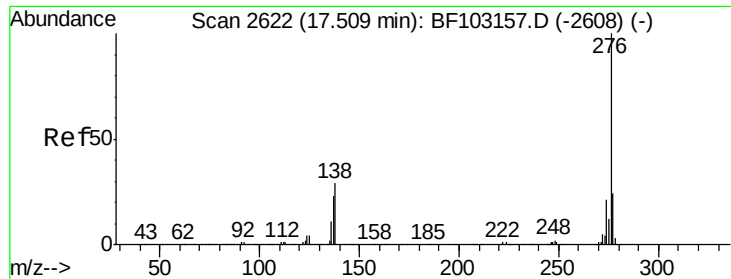
Sohil
3/5/2018 3:13:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.651 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF103371.D
Acq: 2 Mar 2018 17:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 54.749 ng

RT: 17.58 min Scan# 2634

Delta R.T. -0.00 min

Lab File: BF103371.D

Acq: 2 Mar 2018 17:59

Tot Ion:	276	Resp:	584845
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.9	26.9
138	26.5	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Manual Integrations
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3/5/2018 3:13:20 PM

