

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103311.D
 Acq On : 28 Feb 2018 23:24
 Operator : SJ/JU
 Sample : J1708-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:31 AM

Quant Time: Mar 01 01:25:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144988	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	616752	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	265262	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	411214	20.00	ng	0.00
75) Chrysene-d12	14.06	240	240941	20.00	ng	0.00
86) Perylene-d12	15.56	264	241568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1229212	128.22	ng	0.01
7) Phenol-d6	6.52	99	1496932	127.61	ng	0.00
23) Nitrobenzene-d5	7.45	82	912244	84.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	245646	109.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1298607	84.11	ng	0.00
78) Terphenyl-d14	12.99	244	950668	94.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	204192	40.329	ng	93
3) Pyridine	3.49	79	530411	39.240	ng	97
4) n-Nitrosodimethylamine	3.43	42	320939	58.872	ng	# 90
6) Aniline	6.55	93	323506	19.109	ng	94
8) 2-Chlorophenol	6.66	128	438051	43.987	ng	91
9) Benzaldehyde	6.43	77	228149	29.708	ng	95
10) Phenol	6.53	94	597831	43.901	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	469870	45.462	ng	91
12) 1,3-Dichlorobenzene	6.82	146	449074	39.460	ng	98
13) 1,4-Dichlorobenzene	6.89	146	448481	39.306	ng	98
14) 1,2-Dichlorobenzene	7.05	146	401918	38.202	ng	99
15) Benzyl Alcohol	7.02	79	373949	42.304	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	703188	39.620	ng	91
17) 2-Methylphenol	7.13	107	370713	40.962	ng	94
18) Hexachloroethane	7.38	117	149818	36.069	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	295893	40.530	ng	97
20) 3+4-Methylphenols	7.29	107	436003	39.522	ng	# 57
22) Acetophenone	7.29	105	560466	38.932	ng	# 89
24) Nitrobenzene	7.46	77	479606	40.336	ng	99
25) Isophorone	7.70	82	893684	42.016	ng	98
26) 2-Nitrophenol	7.77	139	229465	40.994	ng	96
27) 2,4-Dimethylphenol	7.81	122	379089	44.306	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	559904	44.772	ng	99
29) 2,4-Dichlorophenol	8.02	162	353836	43.195	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	331432	37.994	ng	98
31) Naphthalene	8.18	128	1186765	39.303	ng	100
32) Benzoic acid	7.93	122	92169	19.342	ng	99
33) 4-Chloroaniline	8.23	127	121931	9.358	ng	95
34) Hexachlorobutadiene	8.29	225	164989	36.321	ng	97
35) Caprolactam	8.61	113	124467m	43.233	ng	
36) 4-Chloro-3-methylphenol	8.72	107	391475	42.369	ng	98
37) 2-Methylnaphthalene	8.87	142	773801	39.653	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	285985	39.437	ng	99
40) Hexachlorocyclopentadiene	9.02	237	47689	25.467	ng	99

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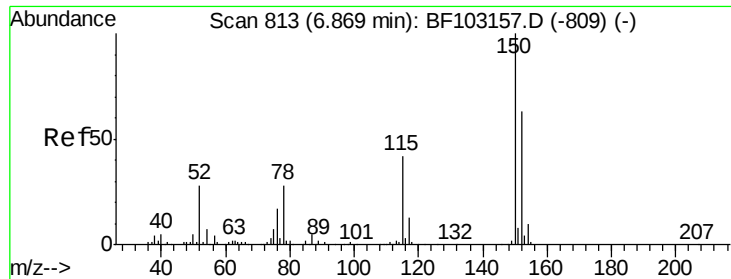
Manual Integrations
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 3/1/2018 11:43:31 AM

Quant Time: Mar 01 01:25:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	208858	42.803	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	221474	39.463	nq	96
45) 1,1'-Biphenyl	9.33	154	864964	38.914	nq	98
46) 2-Chloronaphthalene	9.36	162	692194	39.363	nq	99
47) 2-Nitroaniline	9.46	65	285708	43.862	nq	89
48) Acenaphthylene	9.78	152	1043690	38.575	nq	100
49) Dimethylphthalate	9.63	163	953061	44.787	nq	100
50) 2,6-Dinitrotoluene	9.70	165	181272	40.593	nq #	87
51) Acenaphthene	9.95	154	602727	38.203	nq	99
52) 3-Nitroaniline	9.87	138	133276	23.524	nq	99
53) 2,4-Dinitrophenol	9.99	184	28019	24.902	nq #	19
54) Dibenzofuran	10.12	168	873383	40.327	nq	97
55) 4-Nitrophenol	10.05	139	238736	67.989	nq	89
56) 2,4-Dinitrotoluene	10.12	165	221891	39.288	nq #	92
57) Fluorene	10.47	166	685899	37.177	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	153140	40.620	nq	98
59) Diethylphthalate	10.33	149	808106	39.706	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	313167	40.028	nq	99
61) 4-Nitroaniline	10.49	138	191498	33.840	nq	99
62) Azobenzene	10.62	77	827965	39.967	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	35626	17.717	nq	94
65) n-Nitrosodiphenylamine	10.57	169	627950	43.858	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	183614	42.864	nq	93
67) Hexachlorobenzene	11.02	284	180849	38.897	nq	97
68) Atrazine	11.10	200	188627	43.831	nq	100
69) Pentachlorophenol	11.22	266	138739	61.714	nq	97
70) Phenanthrene	11.43	178	862570	38.116	nq	99
71) Anthracene	11.49	178	913273	39.355	nq	99
72) Carbazole	11.64	167	874753	37.853	nq	99
73) Di-n-butylphthalate	11.96	149	1185126	40.984	nq	99
74) Fluoranthene	12.63	202	782802	34.422	nq	98
76) Benzidine	12.74	184	399035	44.300	nq	98
77) Pyrene	12.86	202	772853	41.142	nq	99
79) Butylbenzylphthalate	13.46	149	442376	44.572	nq	95
80) Benzo(a)anthracene	14.04	228	628632	40.211	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	215397	38.608	nq	99
82) Chrysene	14.09	228	599001	39.461	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	577824	43.142	nq	98
84) Di-n-octyl phthalate	14.64	149	961083	44.413	nq	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	539235	44.872	nq	97
87) Benzo(b)fluoranthene	15.12	252	616849	38.837	nq	98
88) Benzo(k)fluoranthene	15.15	252	582649	38.957	nq	99
89) Benzo(a)pyrene	15.50	252	592335	41.762	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	456142	41.620	nq	99
91) Benzo(g,h,i)perylene	17.55	276	439029	40.987	nq	98

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



#1

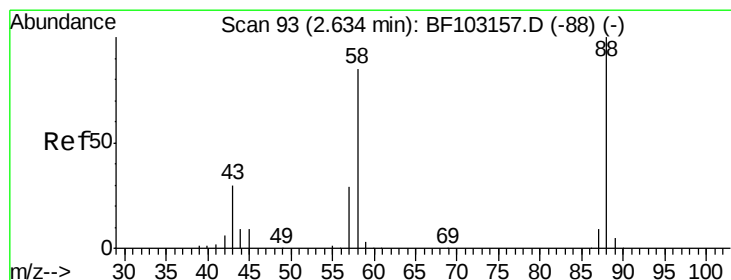
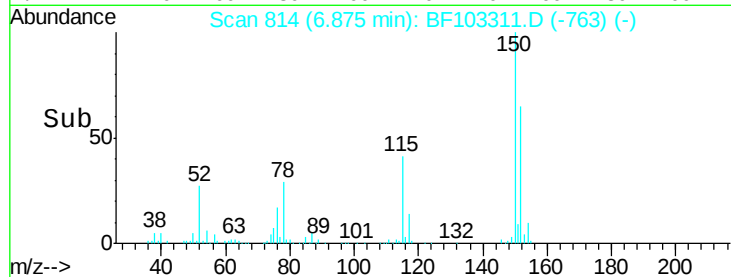
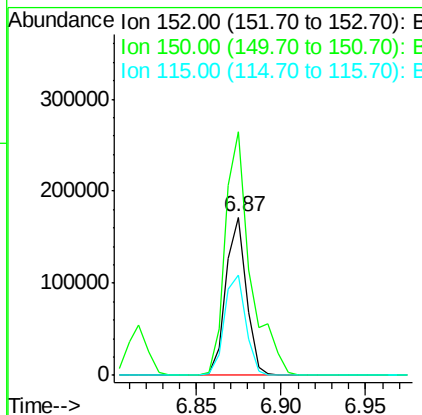
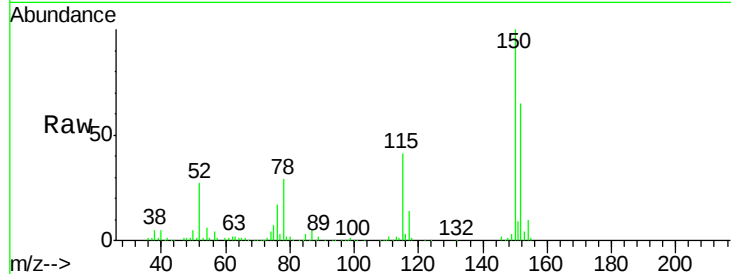
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	63.1	50.1	75.1

Manual Integrations
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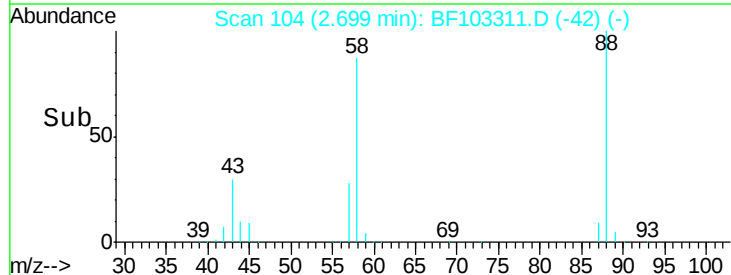
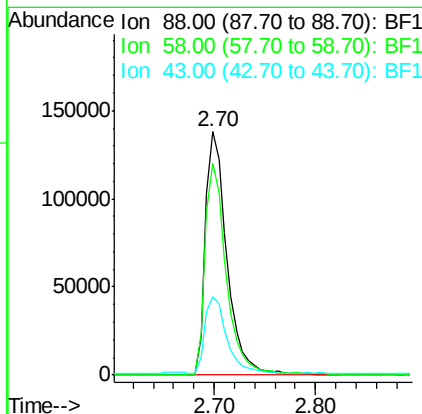
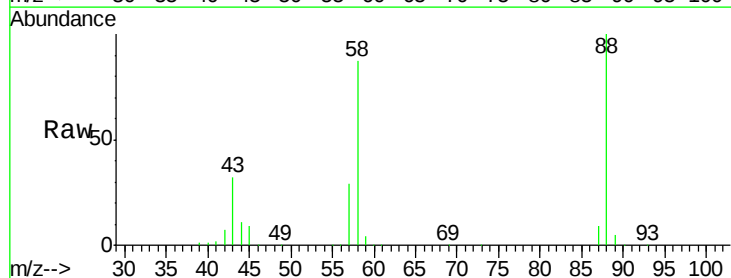
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3/1/2018 11:43:31 AM

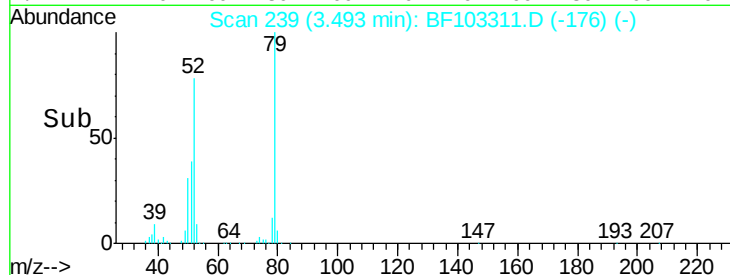
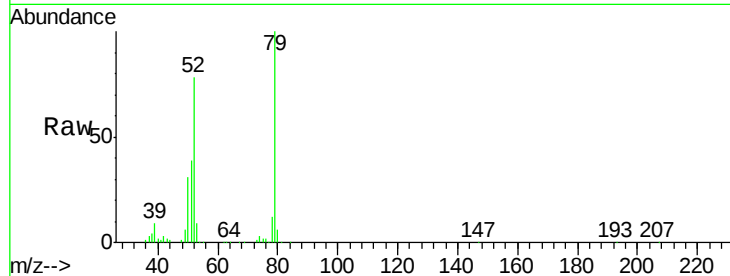
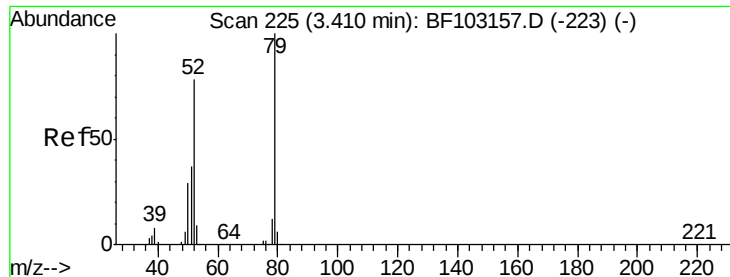


#2

1,4-Dioxane
Concen: 40.329 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.06 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	62.6	93.8
43	31.9	24.6	37.0





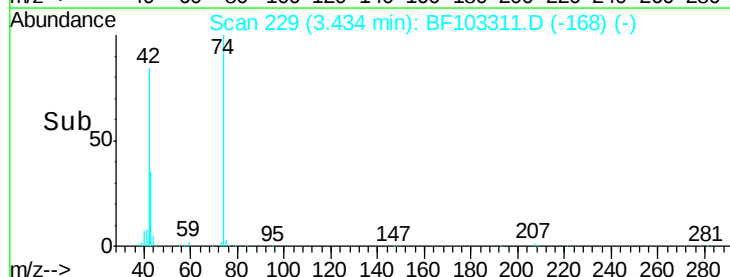
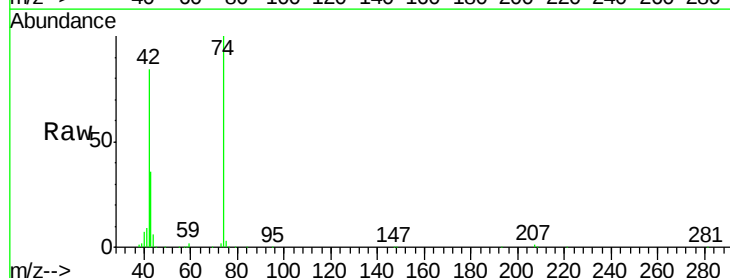
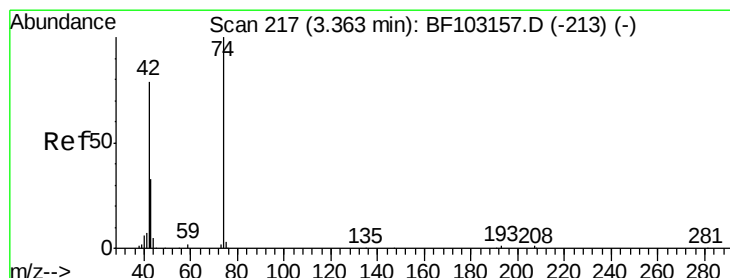
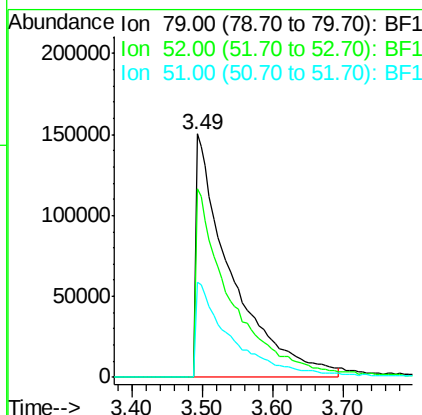
#3
 Pvridine
 Concen: 39.240 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.07 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tot Ion:	79	Resp:	530411
Ion Ratio	Lower	Upper	
79	100		
52	77.7	59.8	89.6
51	39.0	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

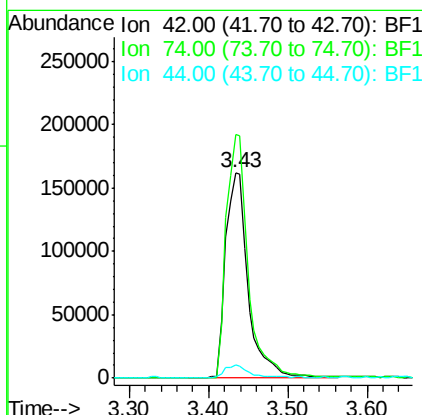
Manual Integrations
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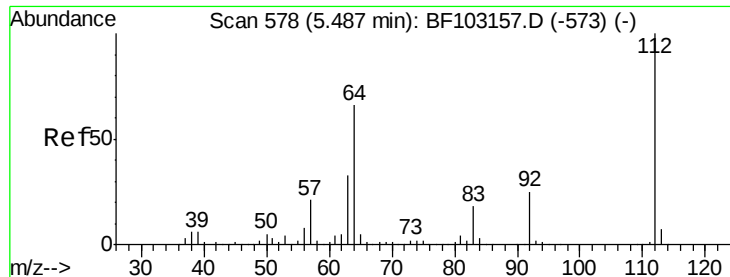
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 58.872 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.06 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:	42	Resp:	320939
Ion Ratio	Lower	Upper	
42	100		
74	118.5	104.9	157.3
44	6.7	6.9	10.3#





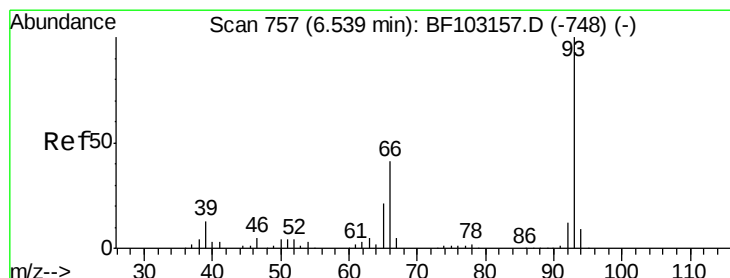
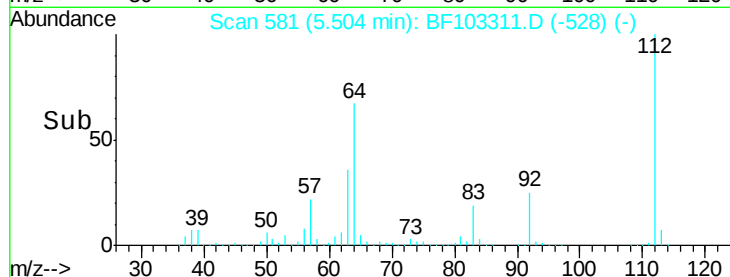
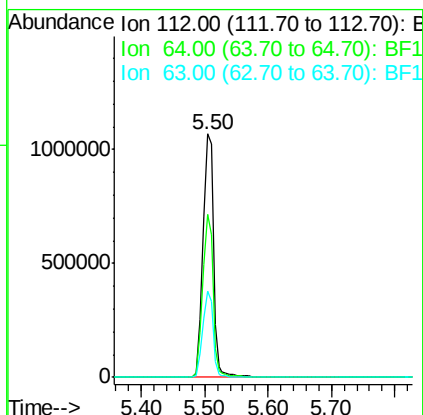
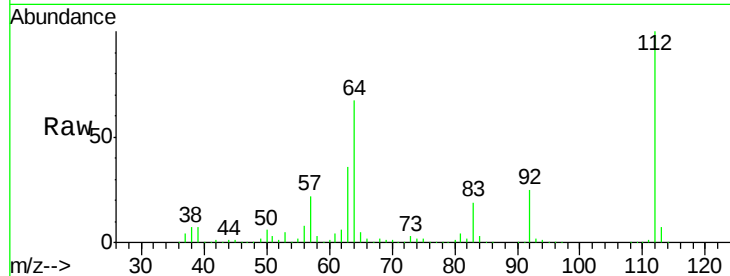
#5
2-Fluorophenol
Concen: 128.224 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	35.5	23.7	35.5

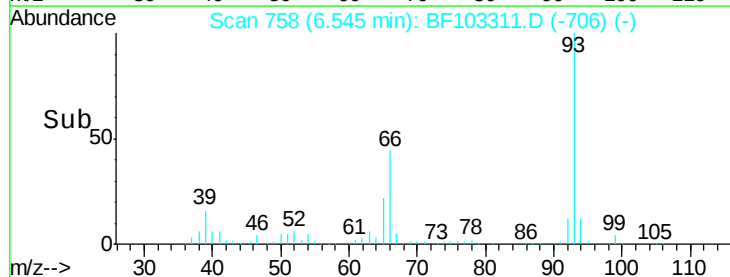
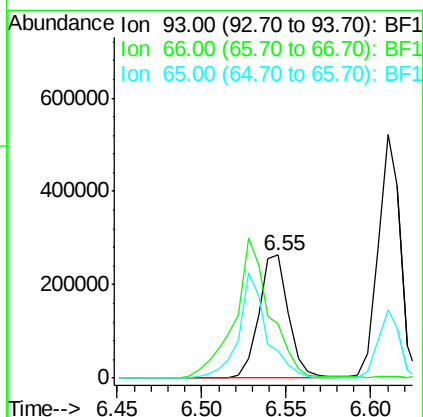
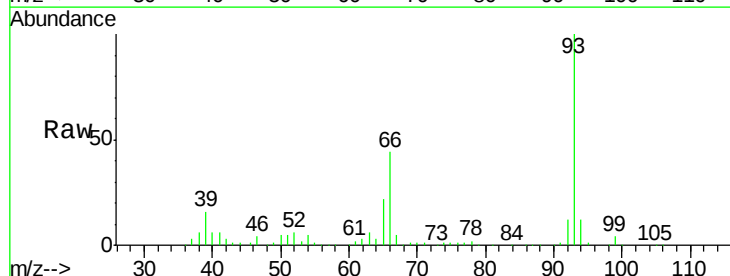
Manual Integrations
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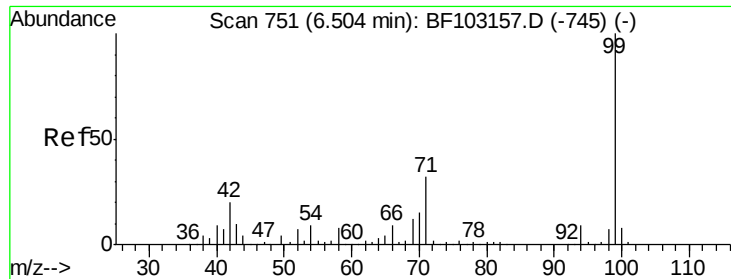
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#6
Aniline
Concen: 19.109 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.0	32.2	48.2
65	22.4	16.4	24.6





#7

Phenol-d6

Concen: 127.611 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampled :

RO-222-226MSD

Tot Ion: 99 Resp: 1496932

Ion Ratio Lower Upper

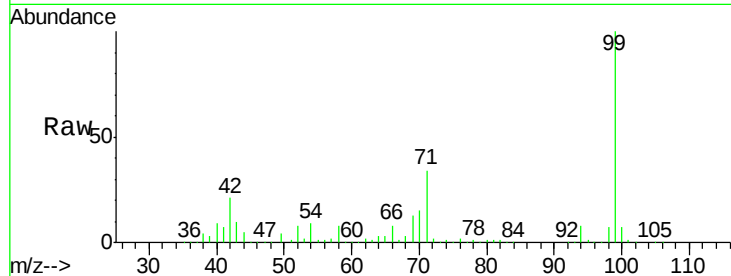
99 100

42 20.9 14.5 21.7

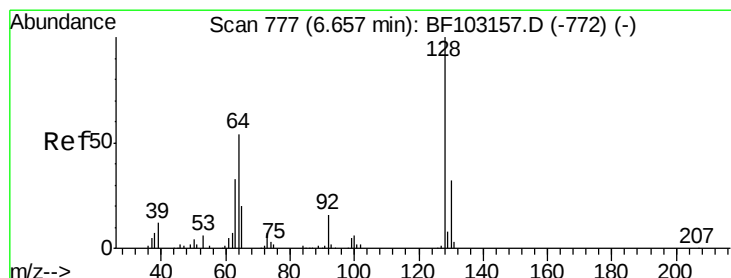
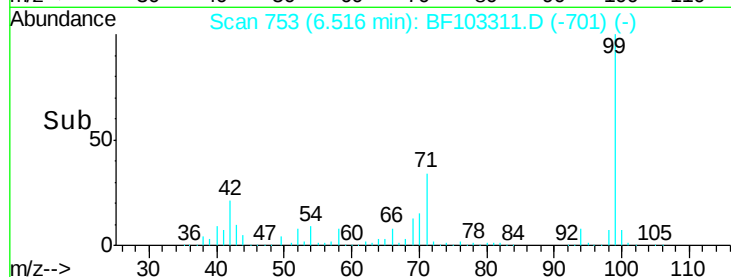
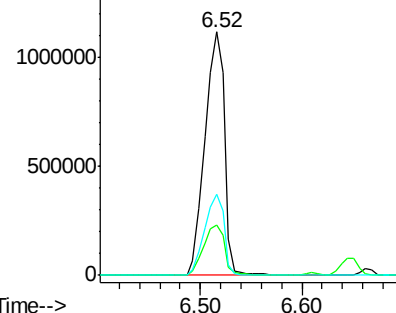
71 33.5 25.4 38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.987 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

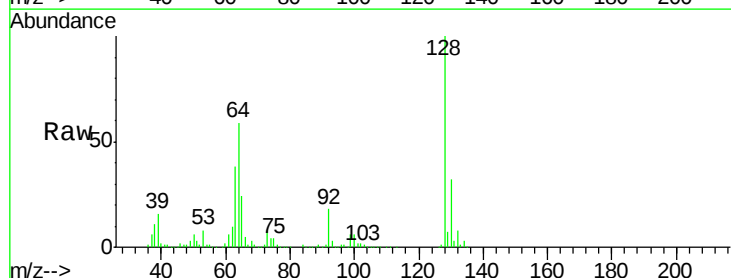
Tgt Ion:128 Resp: 438051

Ion Ratio Lower Upper

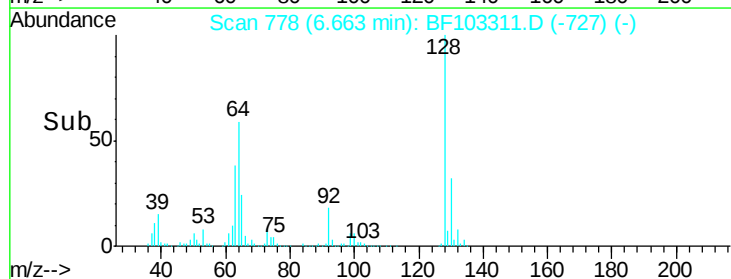
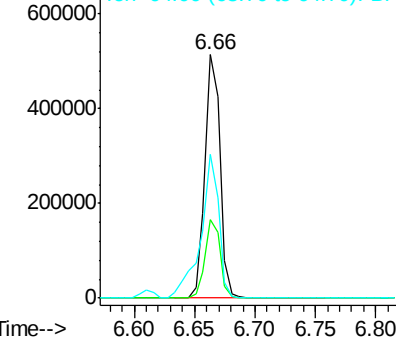
128 100

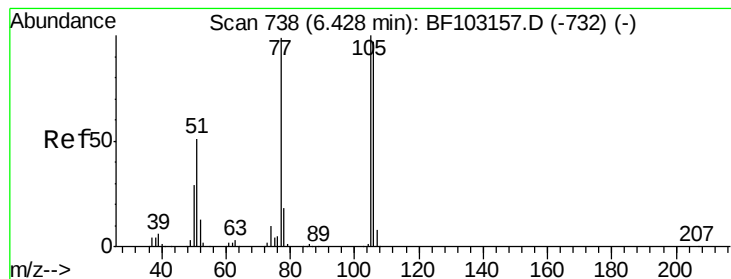
130 32.4 13.0 53.0

64 59.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.708 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

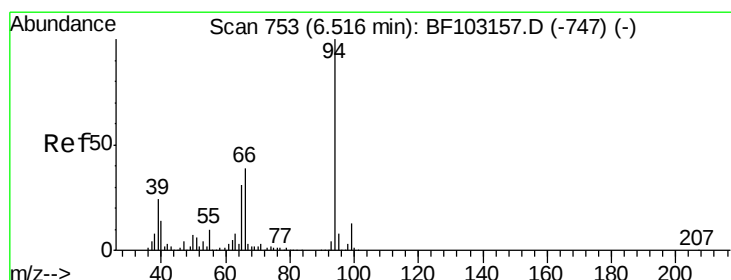
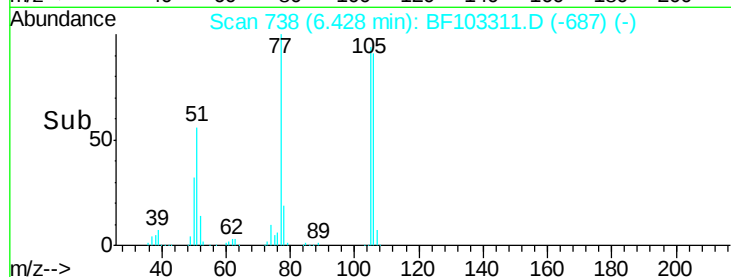
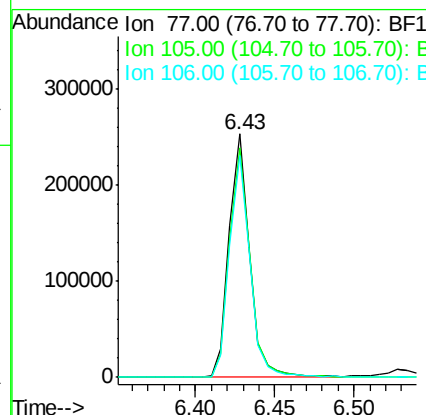
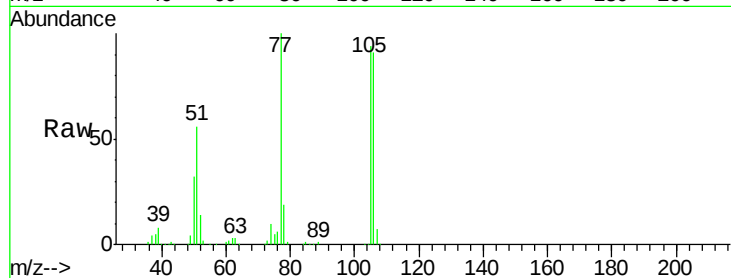
ClientSampleId :

RO-222-226MSD

Tot Ion:	77	Resp:	228149
Ion Ratio	Lower	Upper	
77	100		
105	94.5	81.1	121.1
106	90.9	74.5	114.5

Manual Integrations
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3/1/2018 11:43:31 AM



#10

Phenol

Concen: 43.901 ng

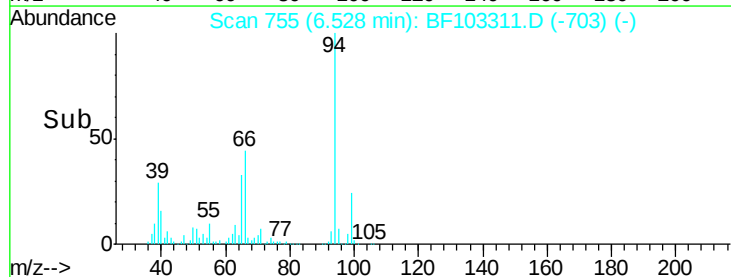
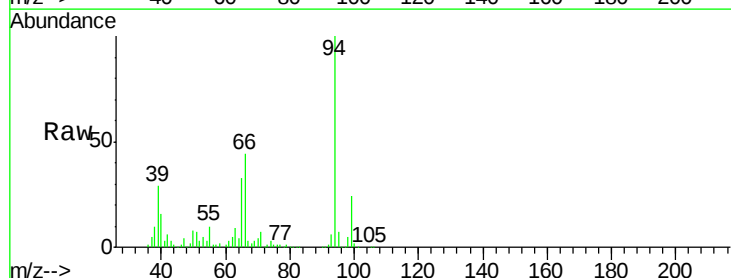
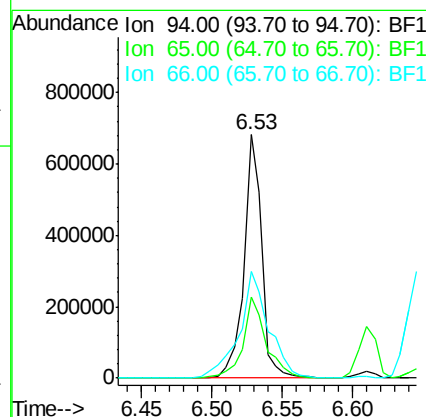
RT: 6.53 min Scan# 755

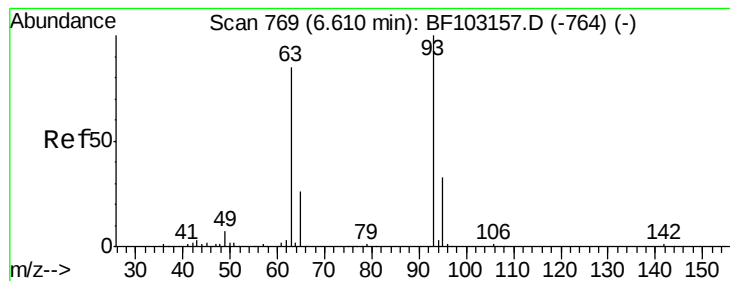
Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:	94	Resp:	597831
Ion Ratio	Lower	Upper	
94	100		
65	33.3	7.9	47.9
66	44.1	16.2	56.2





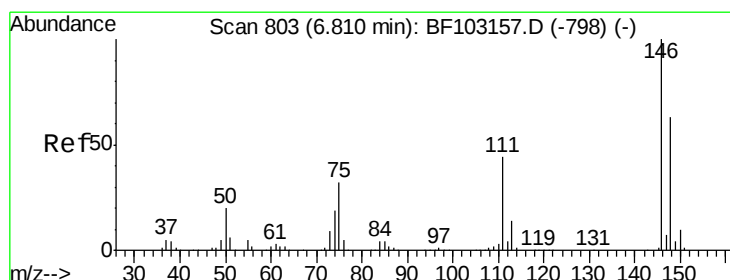
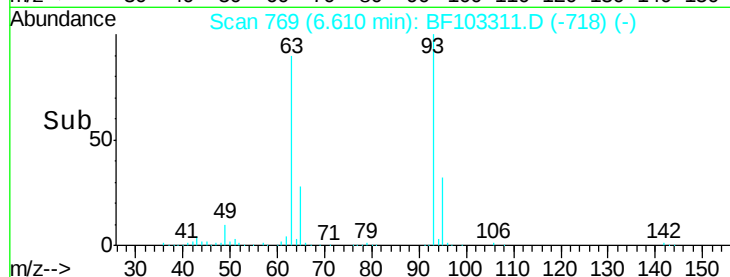
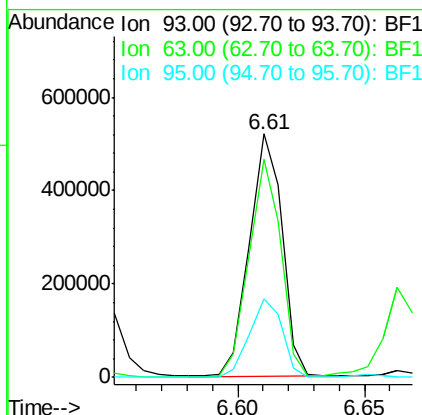
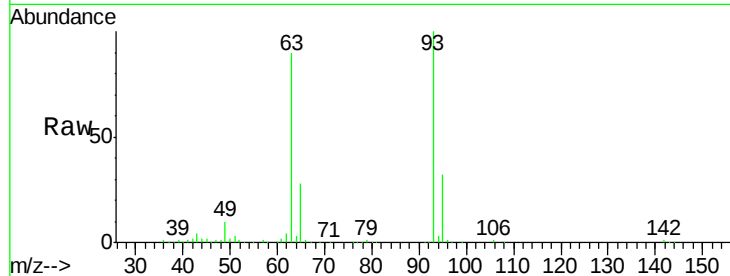
#11
bis(2-Chloroethyl)ether
Concen: 45.462 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.6	58.6	98.6
95	32.1	11.8	51.8

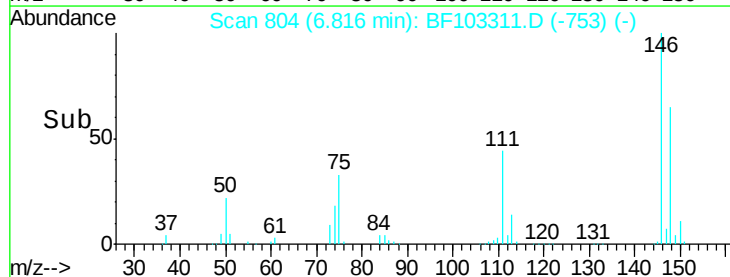
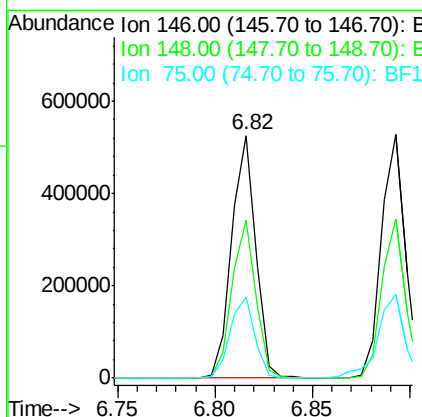
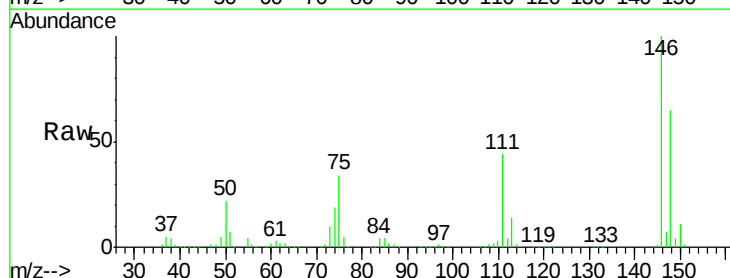
Manual Integrations
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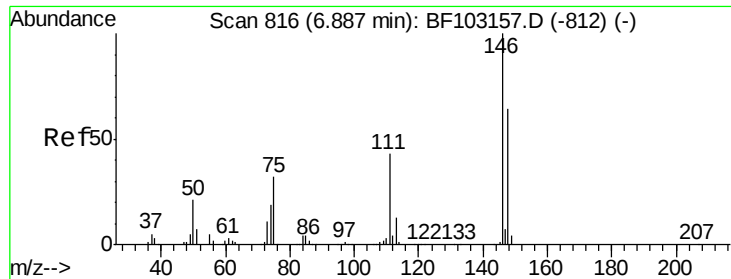
Sohil
3/1/2018 11:43:31 AM



#12
1,3-Dichlorobenzene
Concen: 39.460 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	33.5	24.2	36.4





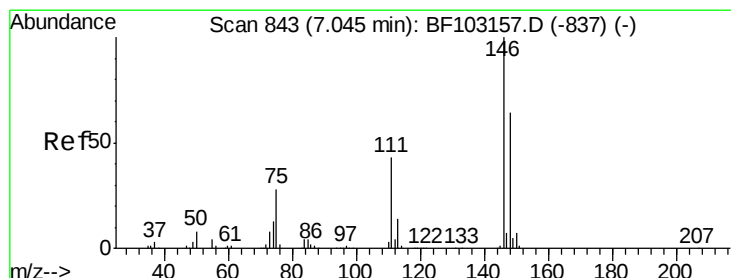
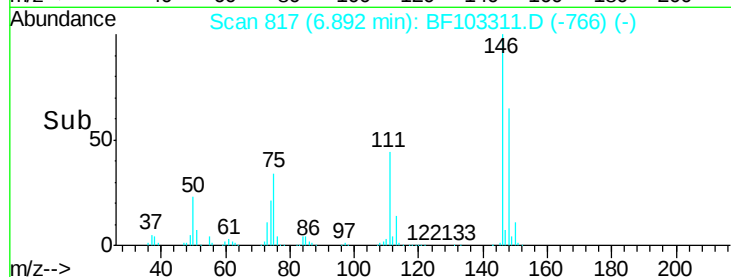
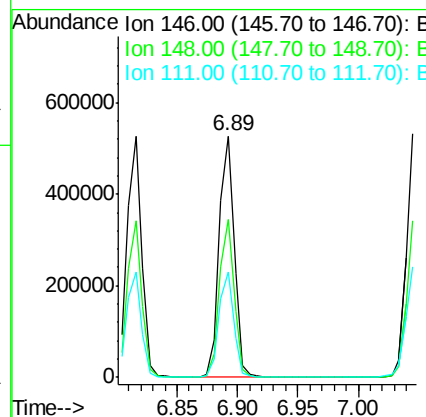
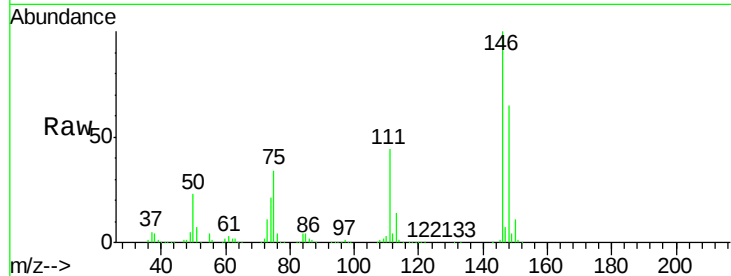
#13
 1,4-Dichlorobenzene
 Concen: 39.306 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.8	76.2
111	43.7	34.2	51.2

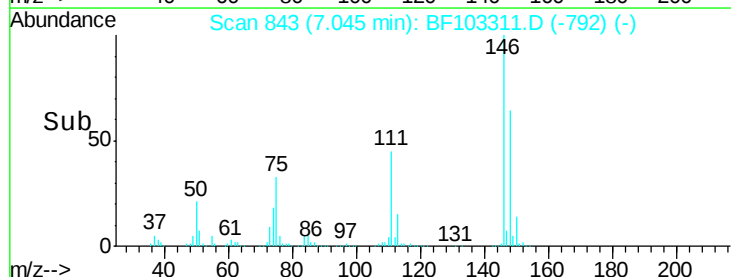
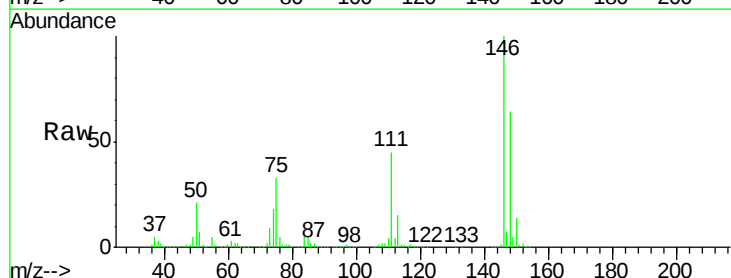
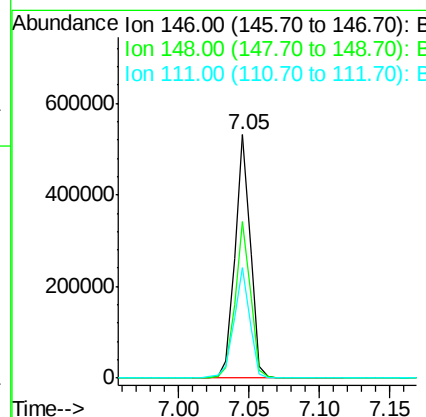
Manual Integrations
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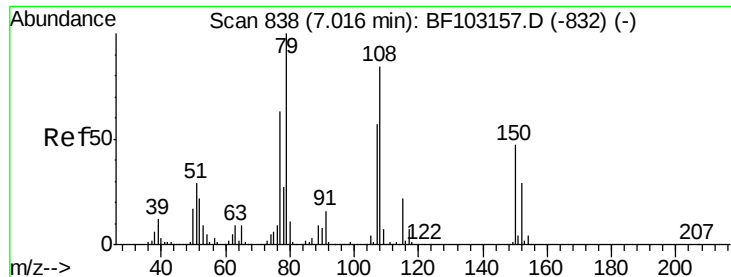
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.202 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	45.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.304 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

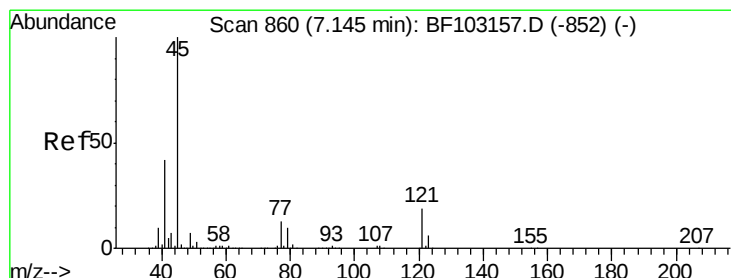
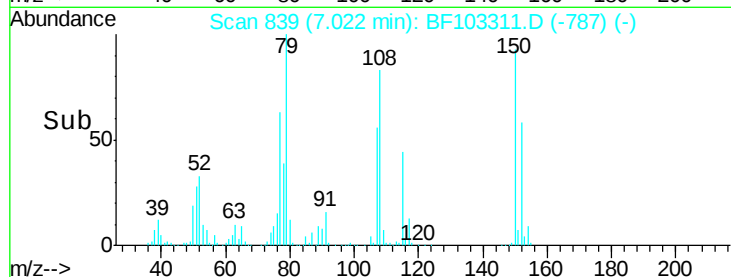
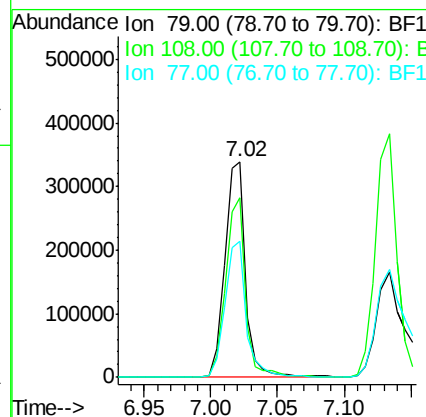
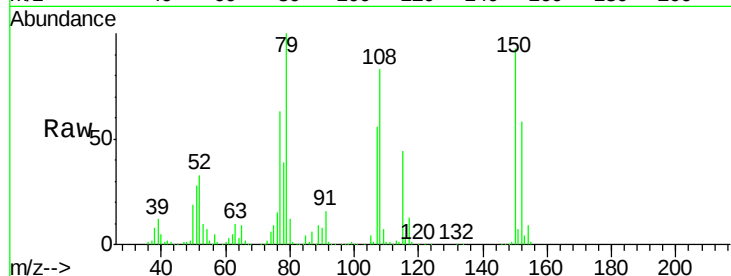
ClientSampleId :

RO-222-226MSD

Tot Ion:	79	Resp:	373949
Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.1	97.7
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.620 ng

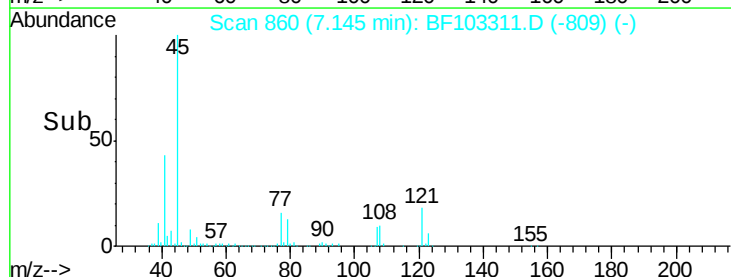
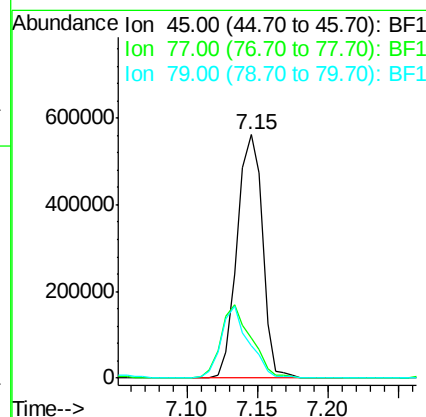
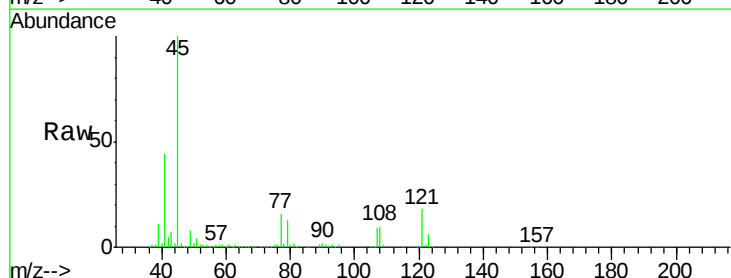
RT: 7.15 min Scan# 860

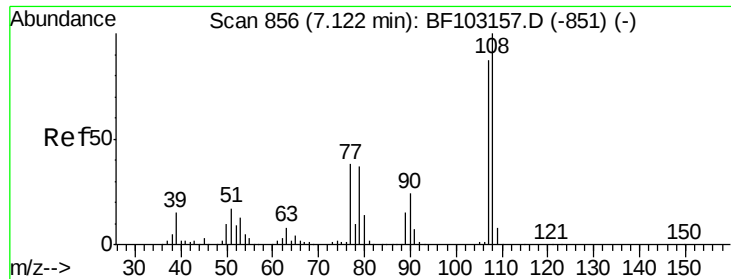
Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:	45	Resp:	703188
Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	32.9
79	13.3	0.0	29.6





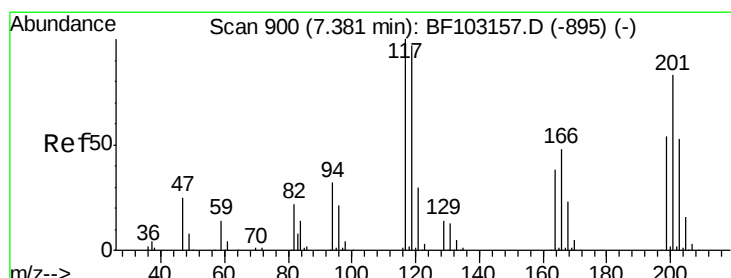
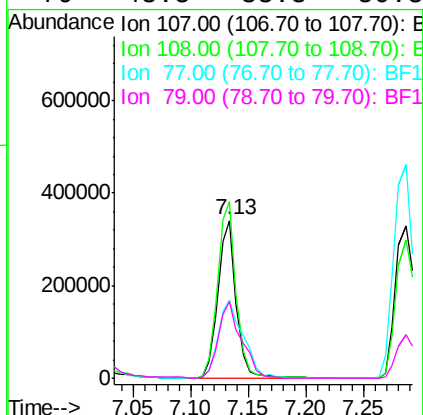
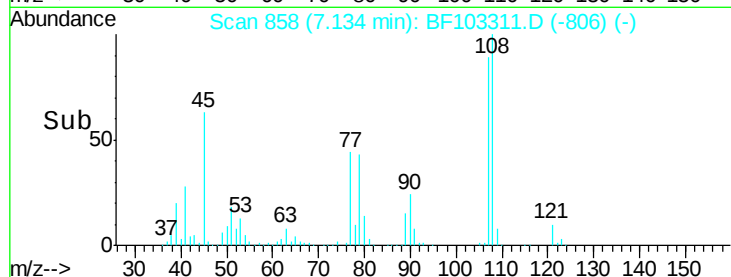
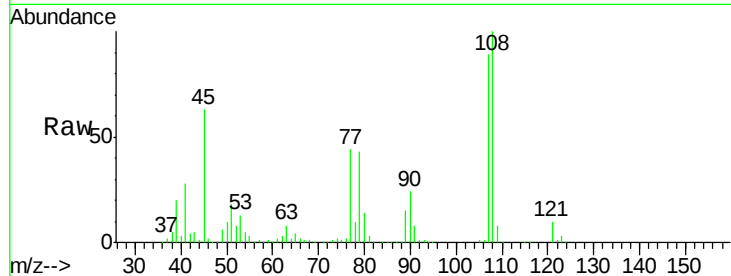
#17
2-Methylphenol
Concen: 40.962 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.7	137.5	
77	49.8	33.8	50.8	
79	48.5	33.8	50.8	

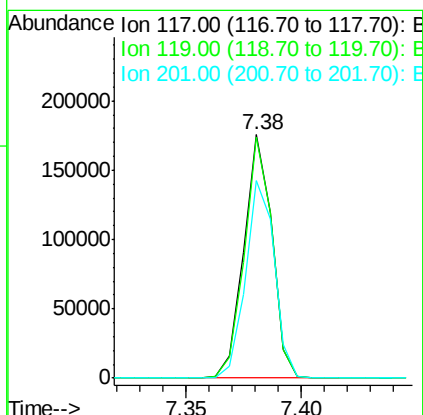
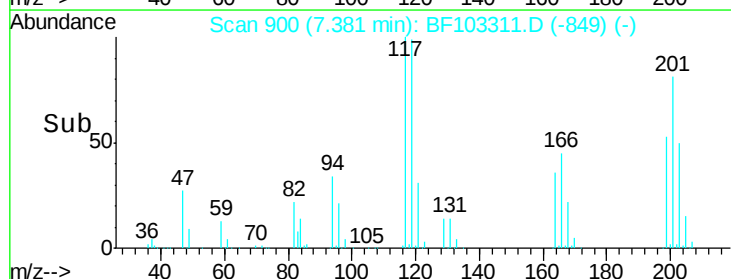
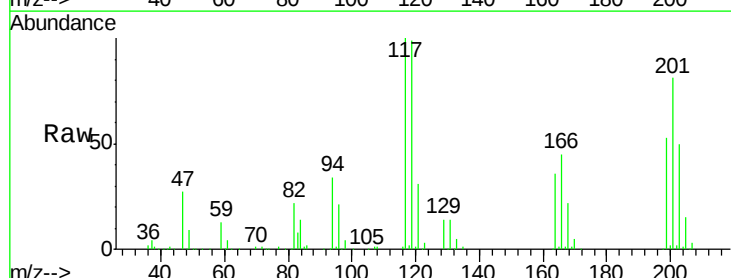
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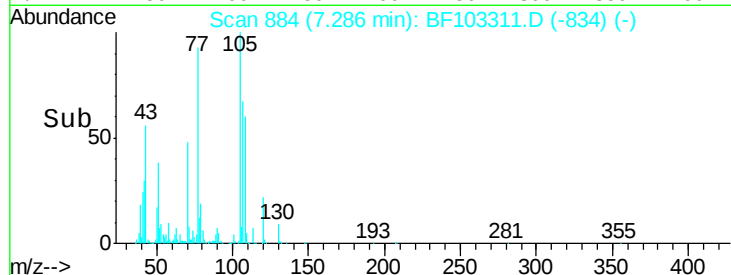
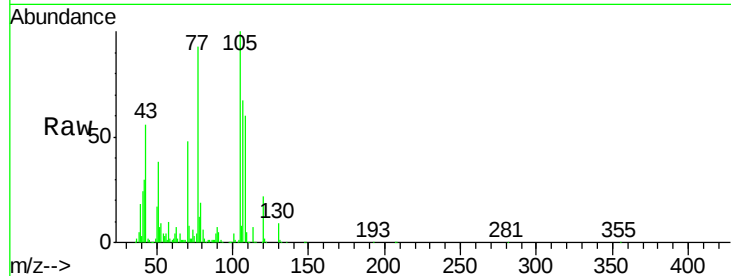
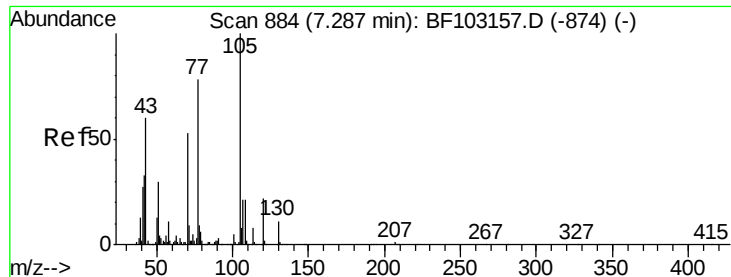
Sohil
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#18
Hexachloroethane
Concen: 36.069 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	75.8	113.8	
201	81.3	75.7	113.5	





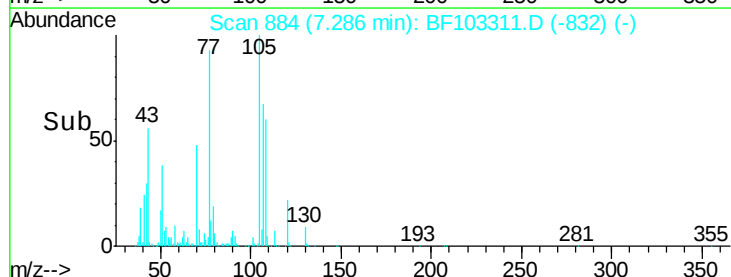
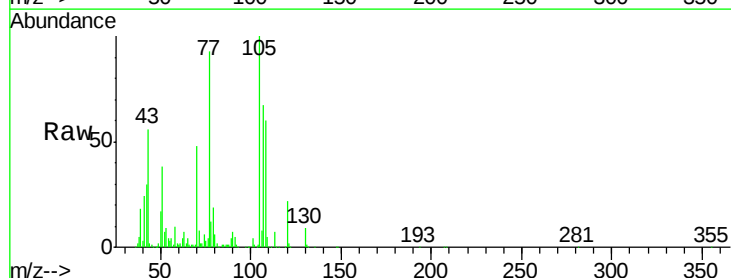
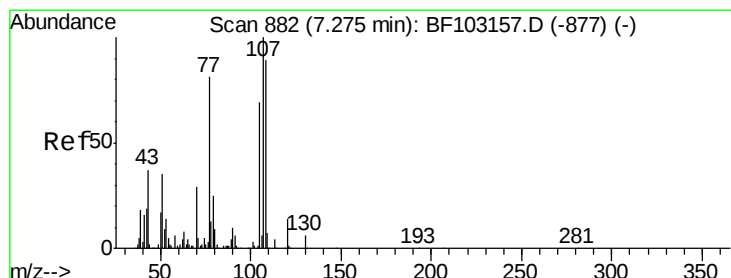
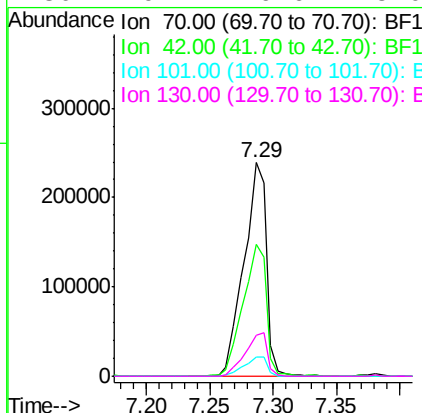
#19
n-Nitroso-di-n-propylamine
Concen: 40.530 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.5	71.3
101	8.9	7.4	11.2
130	19.4	16.6	25.0

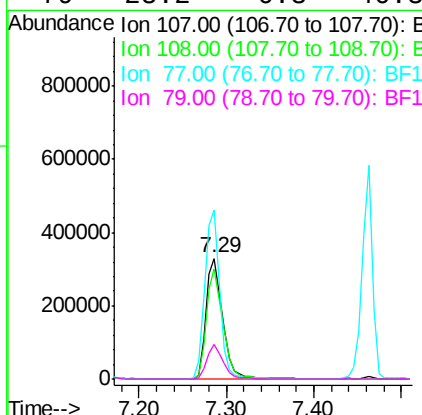
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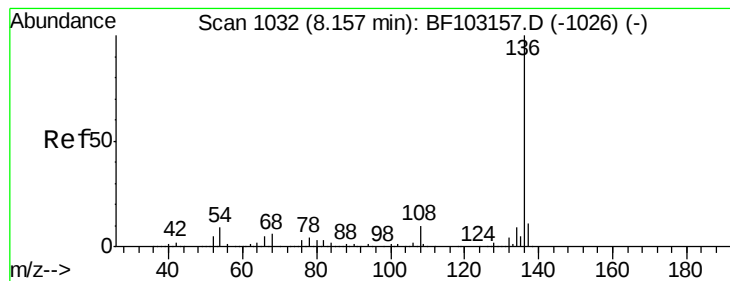
Sohil
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#20
3+4-Methylphenols
Concen: 39.522 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	139.9	26.7	66.7#
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

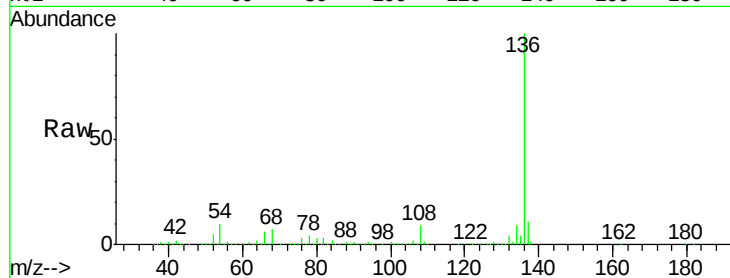
ClientSampleId :

RO-222-226MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	616752		
137	11.2	8.9	13.3	
54	9.8	6.6	9.8	
68	6.5	5.0	7.4	

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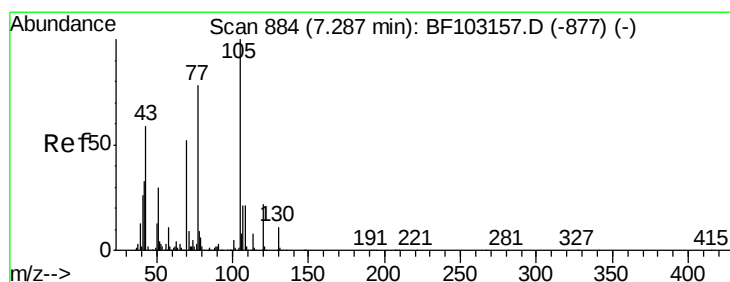
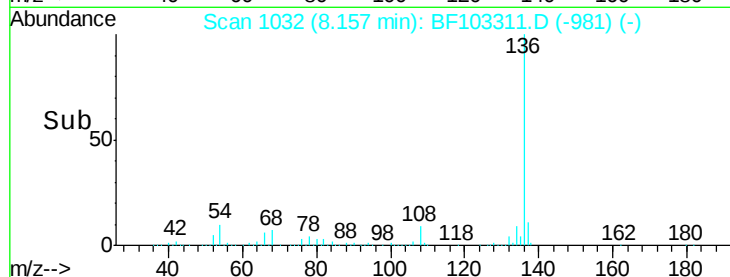
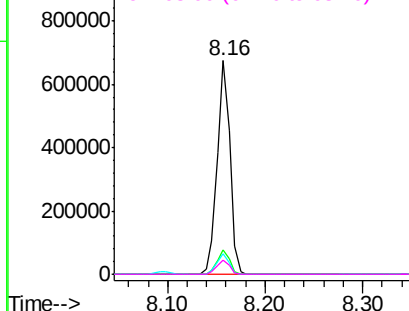
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.932 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	560466		
71	8.1	4.4	6.6#	
51	37.9	22.3	33.5#	
120	21.6	16.9	25.3	

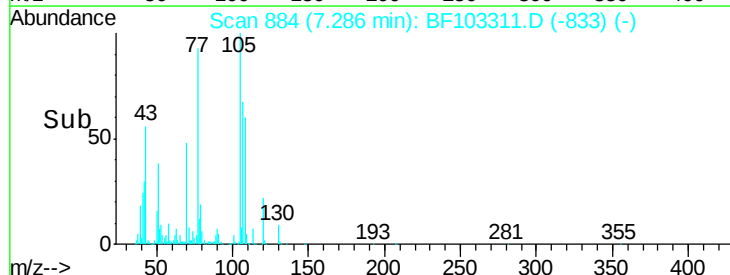
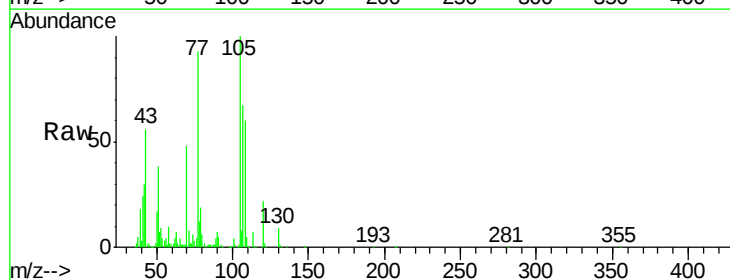
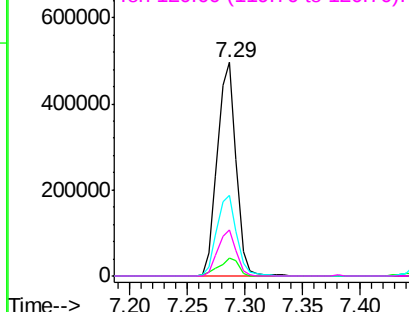
Abundance

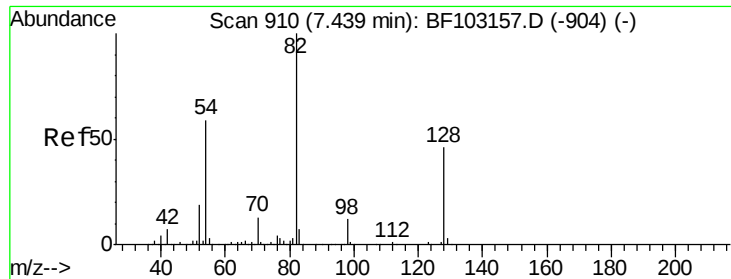
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





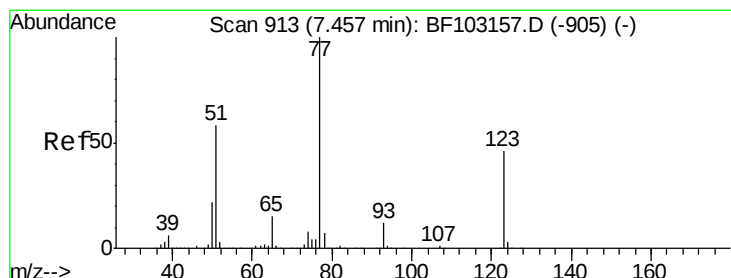
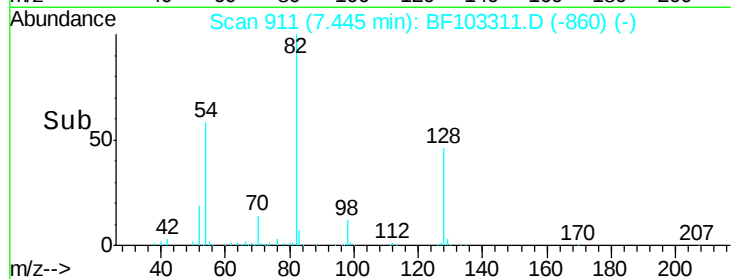
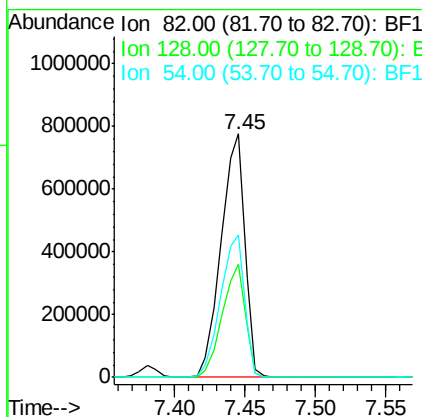
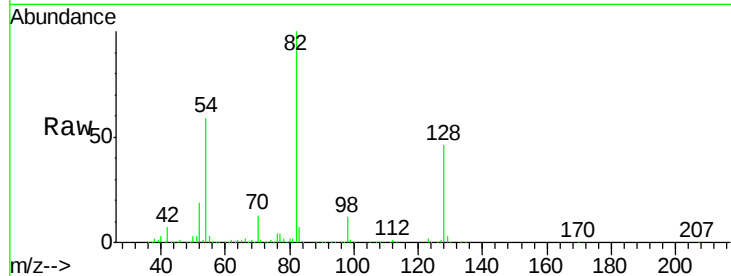
#23
Nitrobenzene-d5
Concen: 84.470 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	58.7	41.4	62.2

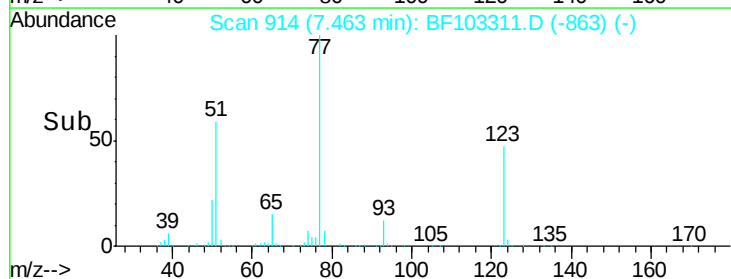
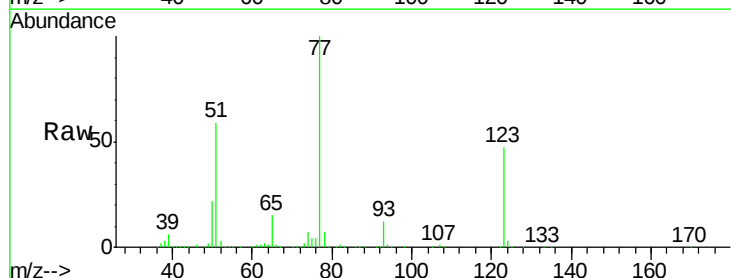
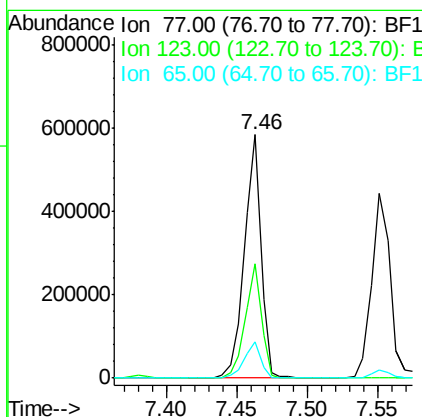
Manual Integrations
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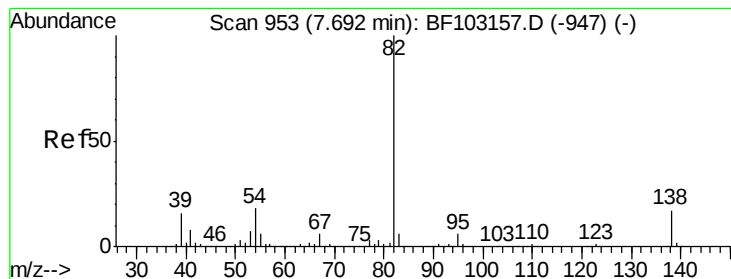
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#24
Nitrobenzene
Concen: 40.336 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.9	56.9
65	14.7	11.0	16.4





#25

Isophorone

Concen: 42.016 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

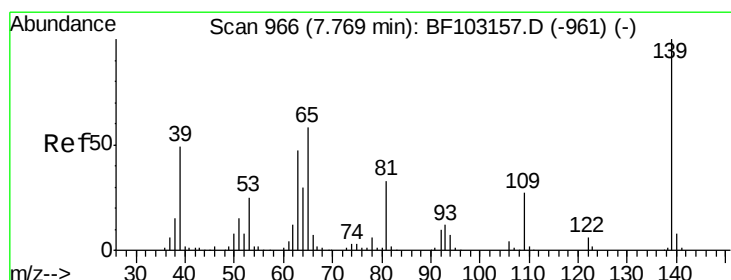
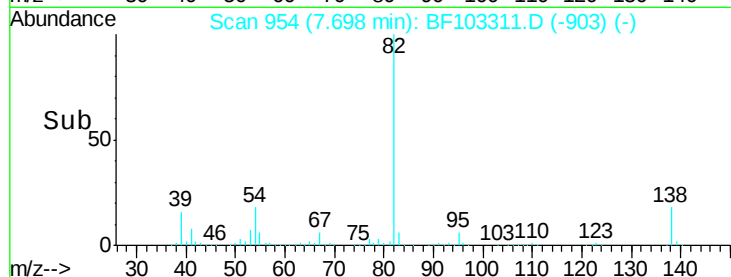
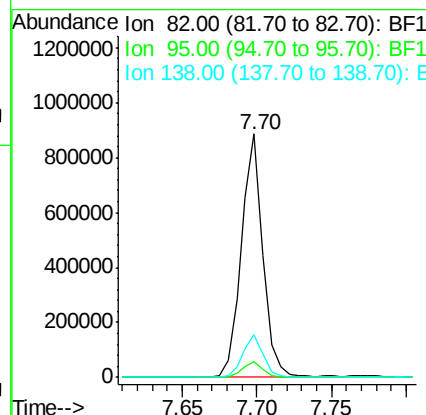
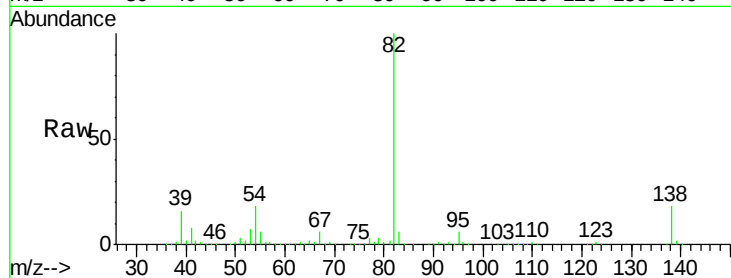
ClientSampleId :

RO-222-226MSD

Tot Ion:	82	Resp:	893684
Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	17.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.994 ng

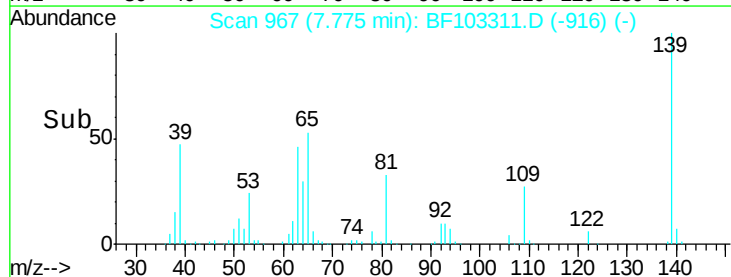
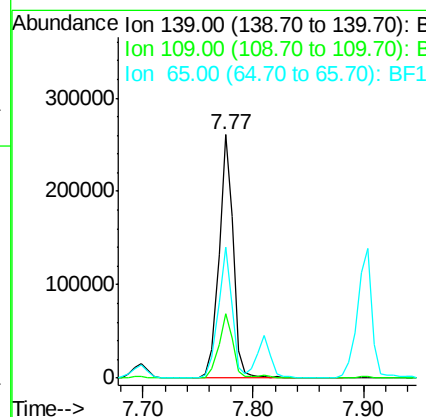
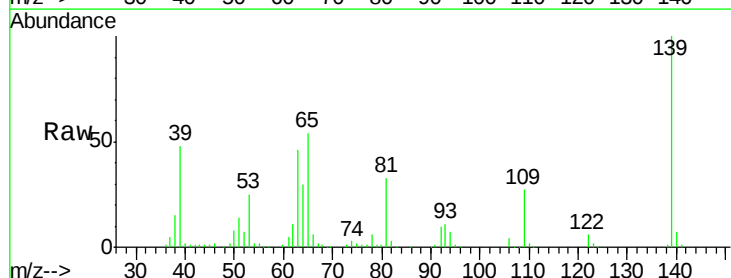
RT: 7.77 min Scan# 967

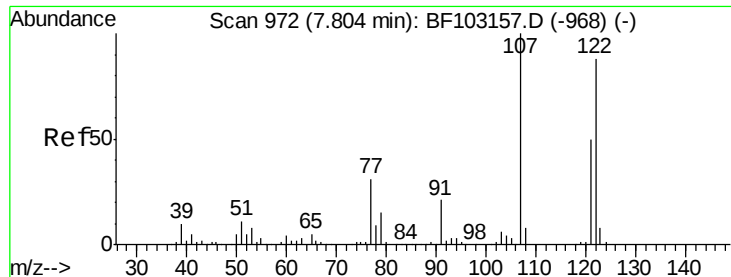
Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:	139	Resp:	229465
Ion	Ratio	Lower	Upper
139	100		
109	26.6	22.7	34.1
65	53.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 44.306 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

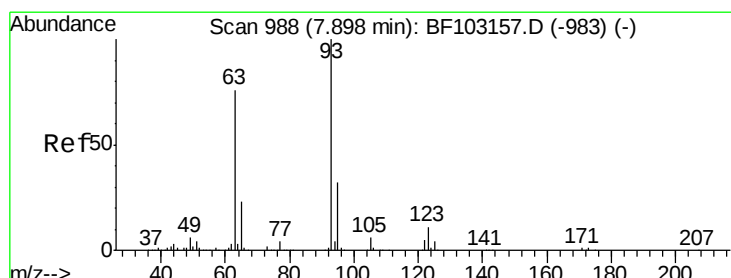
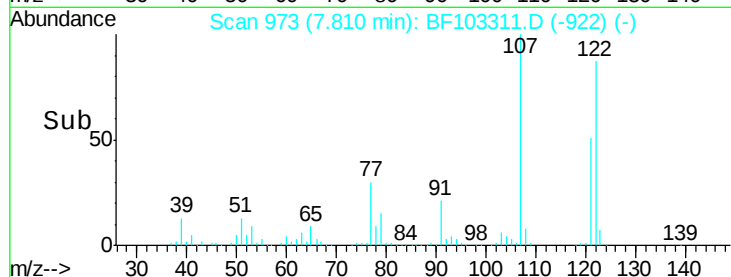
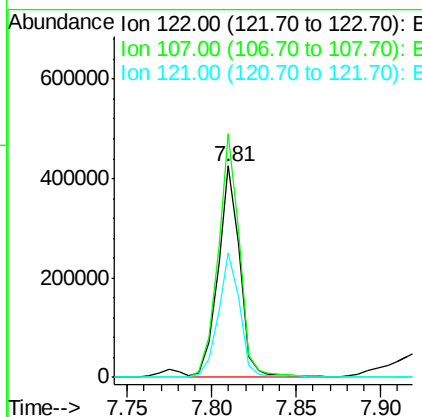
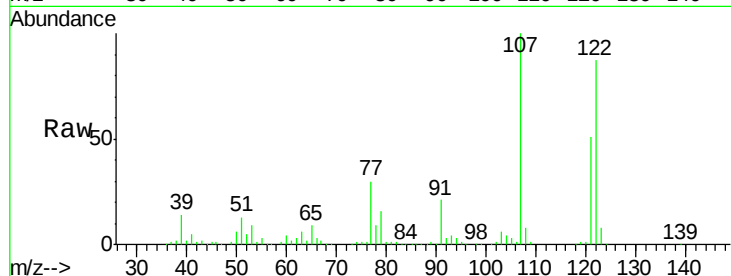
ClientSampleId :

RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	91.2	136.8
121	58.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.772 ng

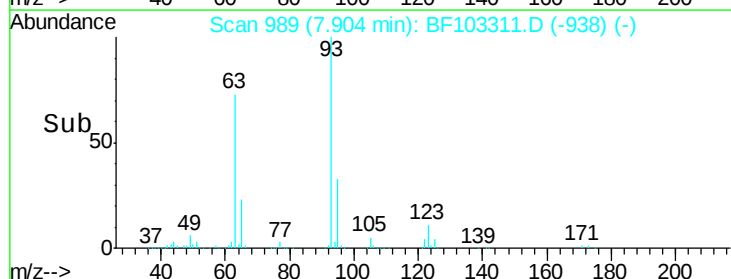
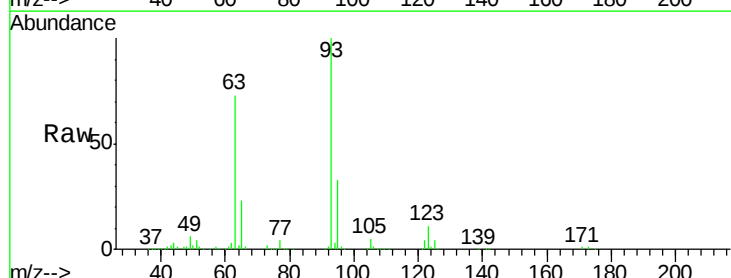
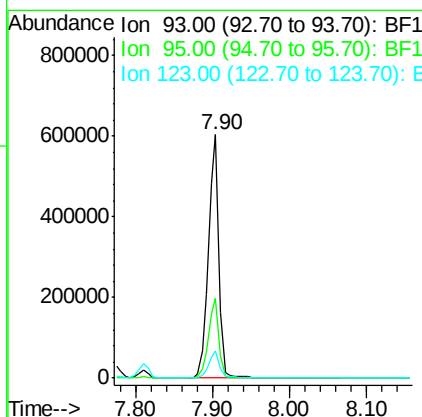
RT: 7.90 min Scan# 989

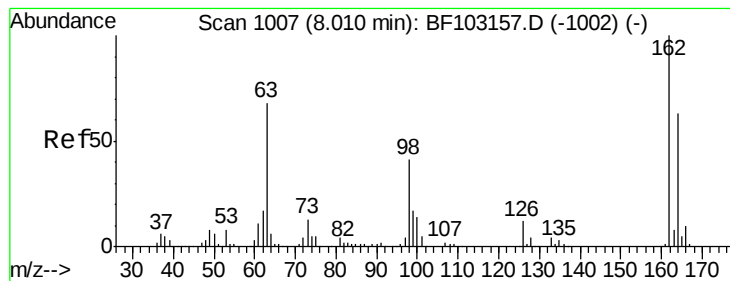
Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 43.195 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

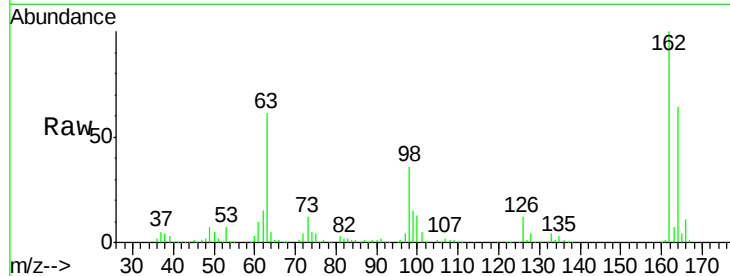
ClientSampleId :

RO-222-226MSD

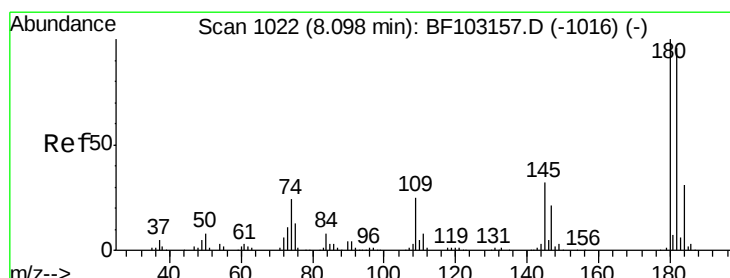
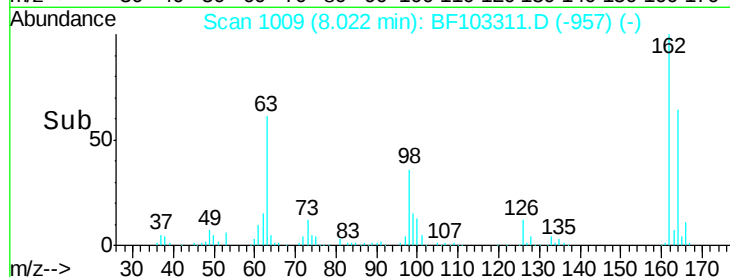
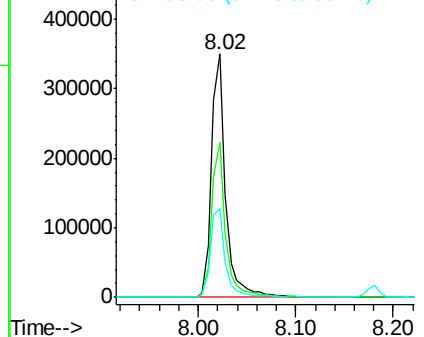
Tot Ion:	162	Resp:	353836
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	36.4	18.1	58.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.994 ng

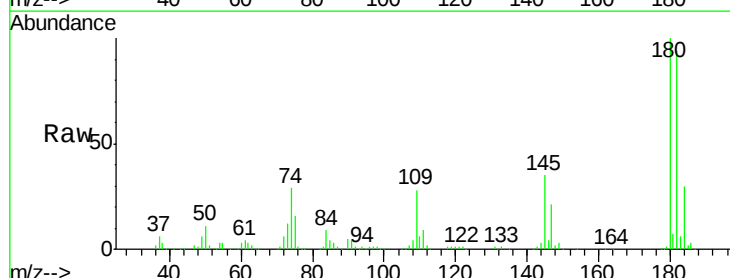
RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

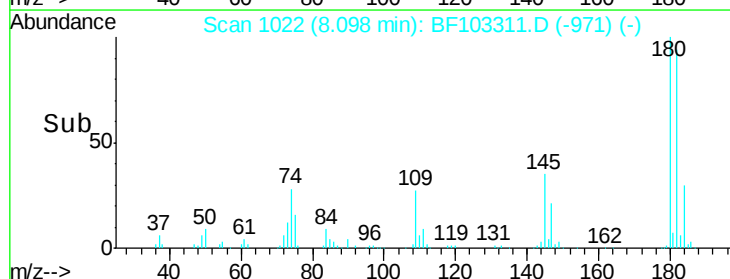
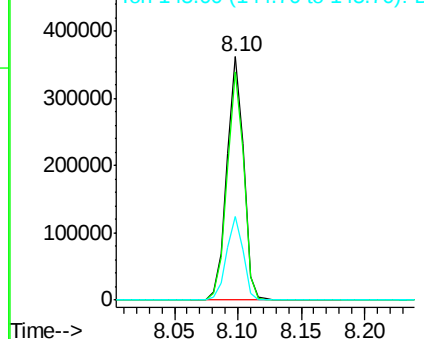
Lab File: BF103311.D

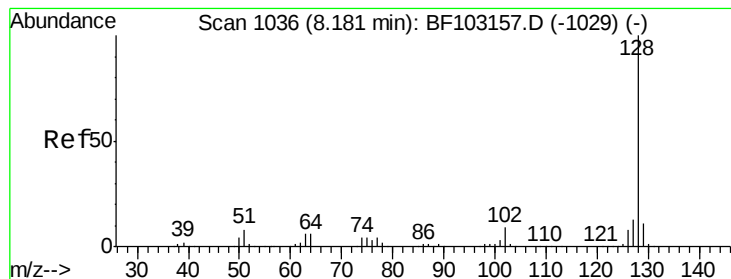
Acq: 28 Feb 2018 23:24

Tgt Ion:	180	Resp:	331432
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.8	115.2
145	34.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.303 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

RO-222-226MSD

Tot Ion:128 Resp: 1186765

Ion Ratio Lower Upper

128 100

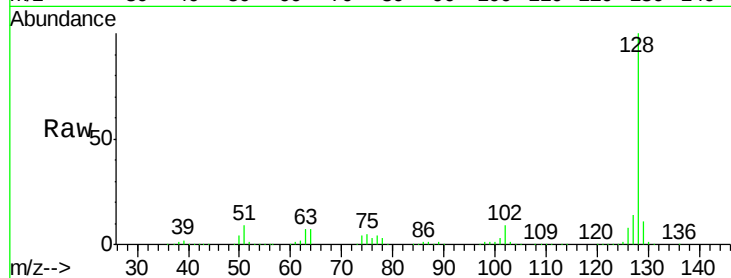
129 11.2 8.8 13.2

127 13.8 10.9 16.3

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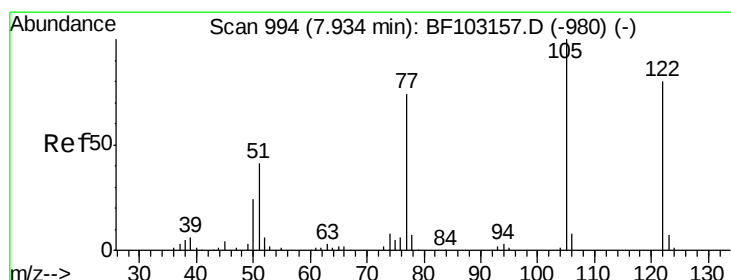
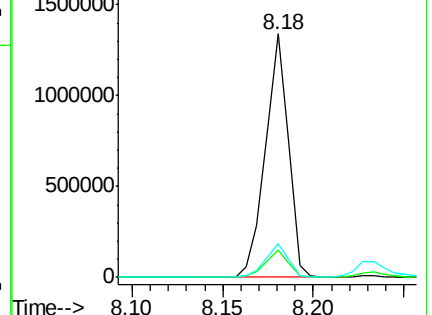
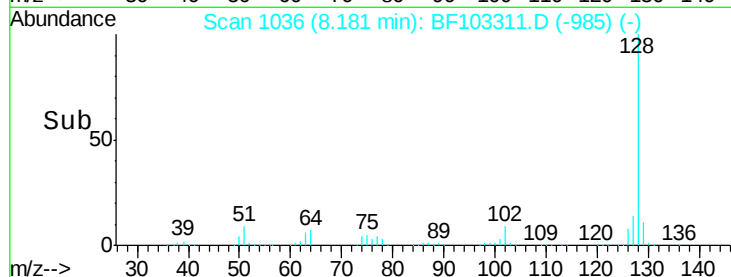
3/1/2018 11:43:31 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.342 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

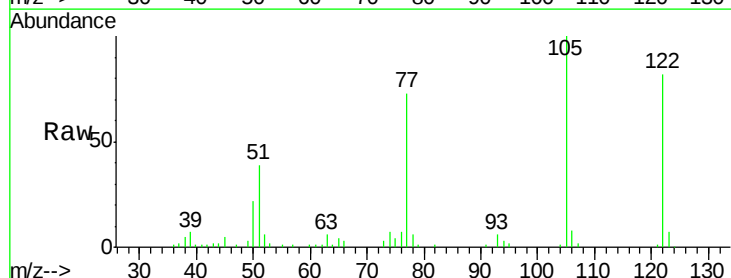
Tgt Ion:122 Resp: 92169

Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

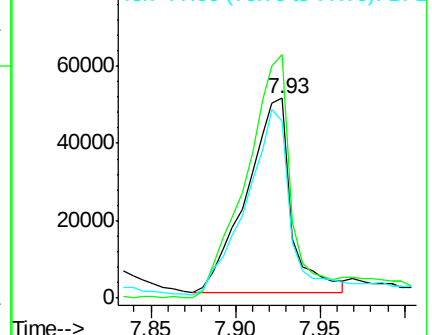
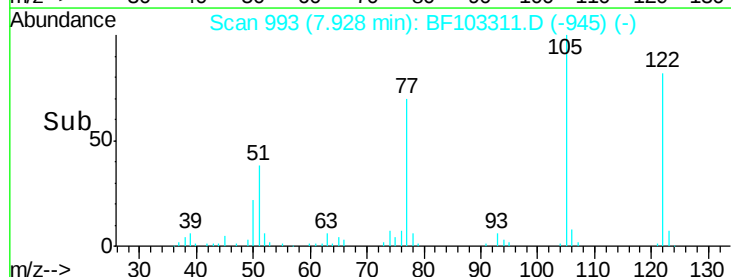
77 88.8 70.7 110.7

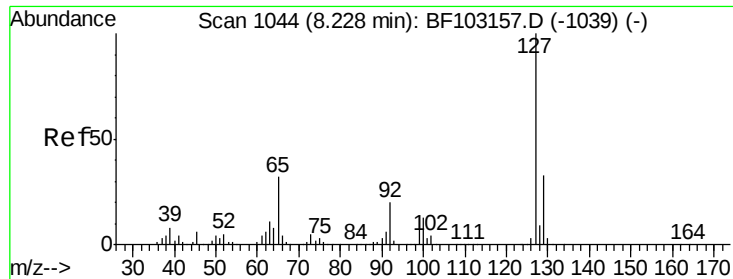


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





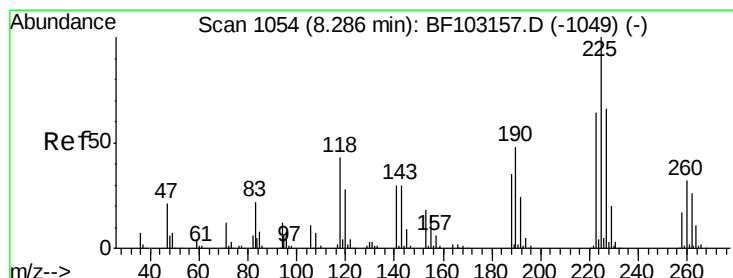
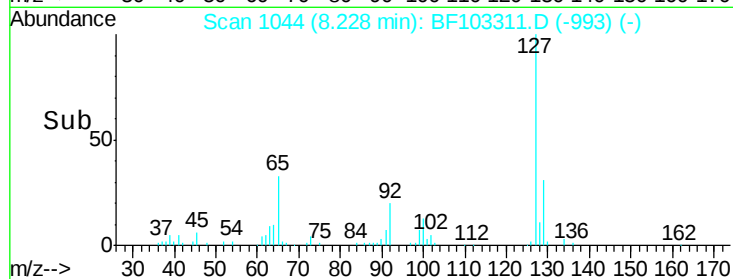
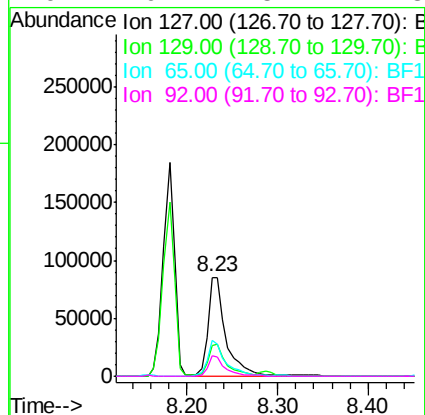
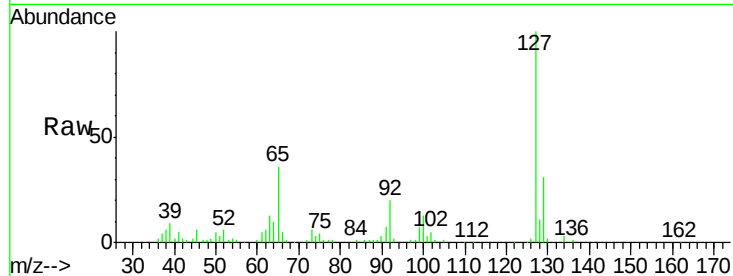
#33
4-Chloroaniline
Concen: 9.358 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6		25.9	38.9	
65	36.0		25.0	37.4	
92	20.1		15.2	22.8	

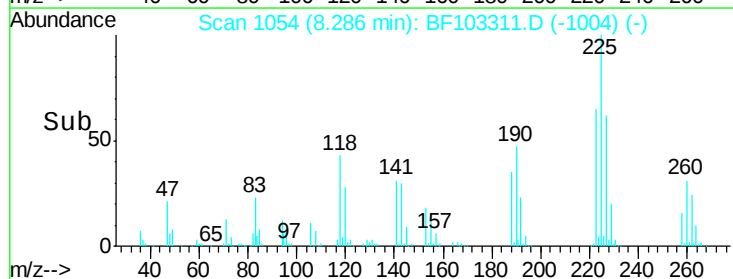
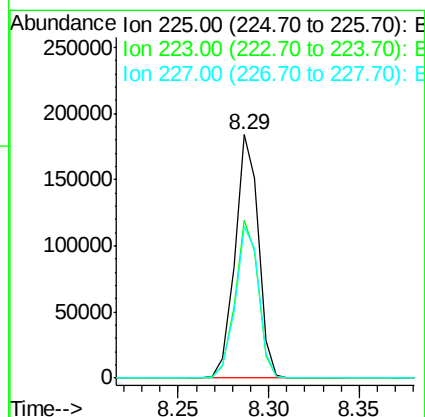
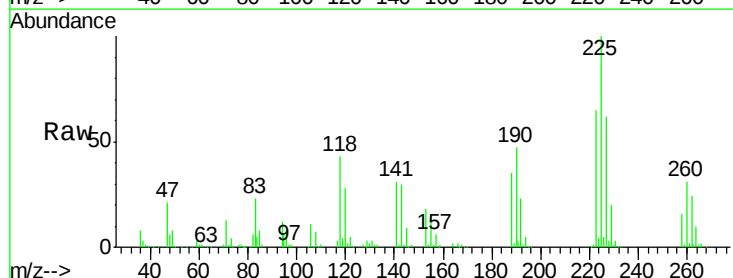
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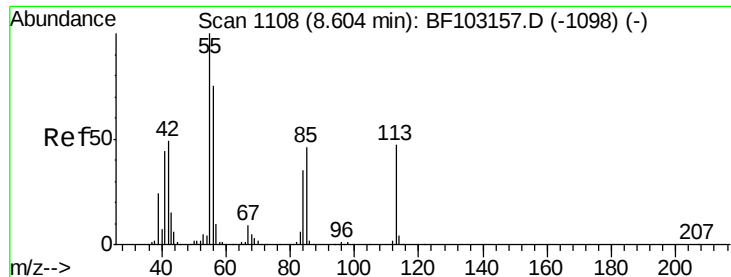
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#34
Hexachlorobutadiene
Concen: 36.321 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0		50.6	76.0	
227	62.3		51.9	77.9	





#35

Caprolactam

Concen: 43.233 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleID :

RO-222-226MSD

Tot Ion:113 Resp: 124467

Ion Ratio Lower Upper

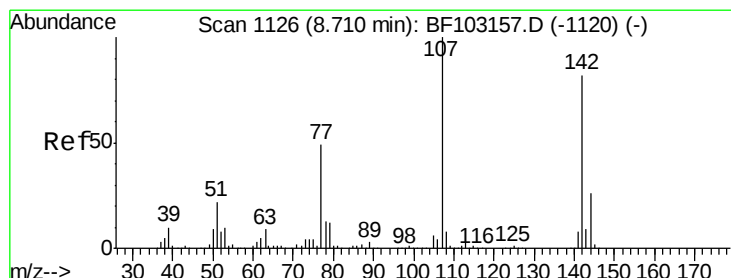
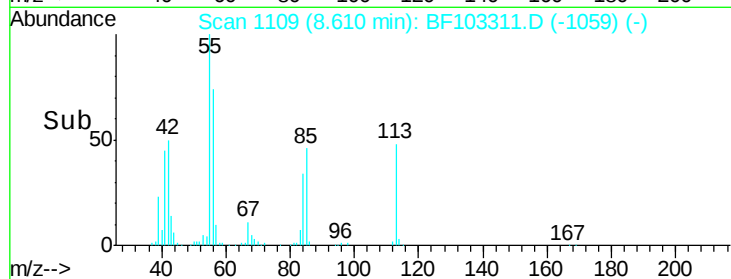
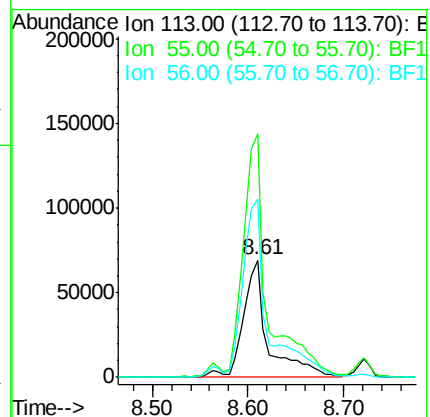
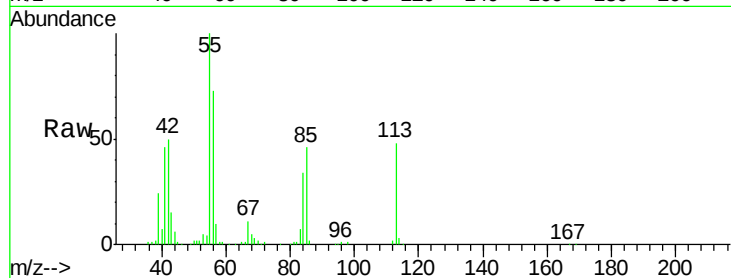
113 100

55 208.2 163.3 203.3#

56 152.7 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 42.369 ng/mL

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

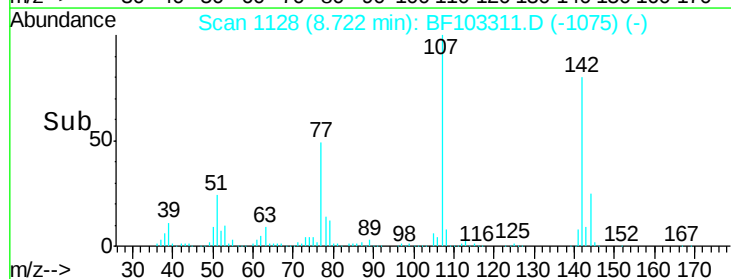
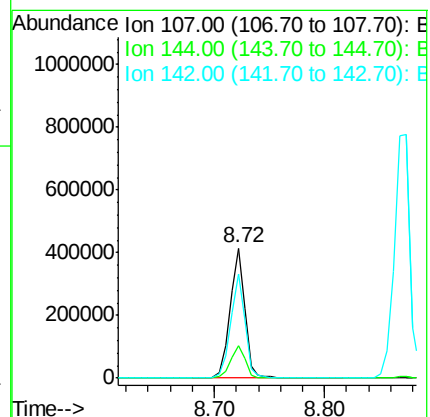
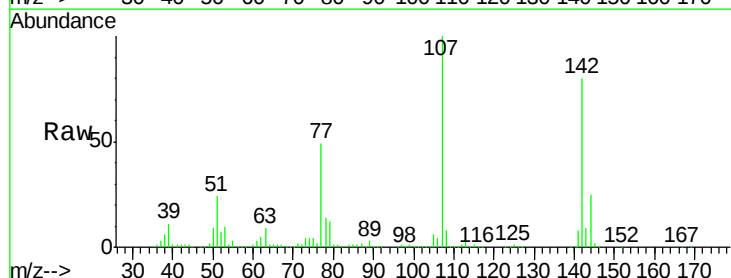
Tgt Ion:107 Resp: 391475

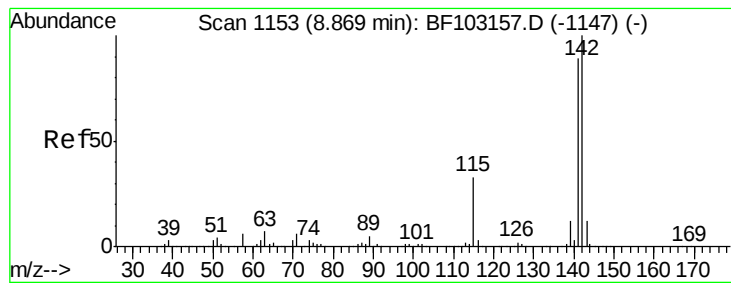
Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

142 79.6 62.0 93.0





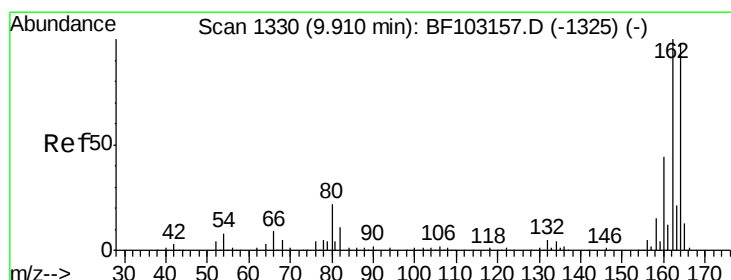
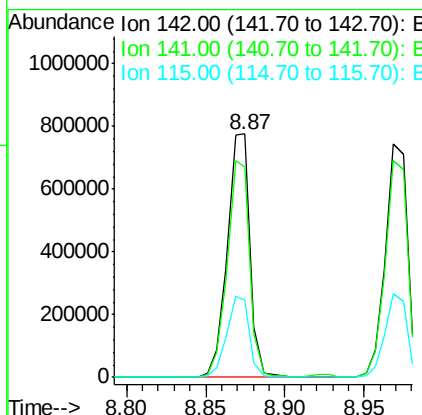
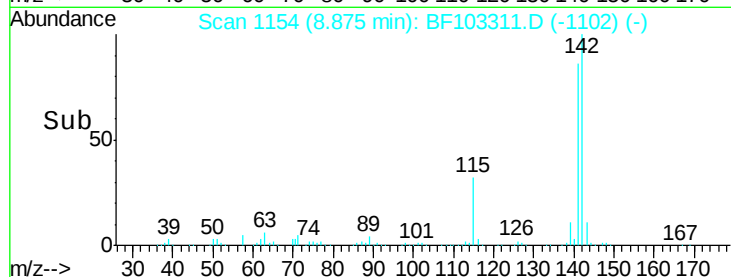
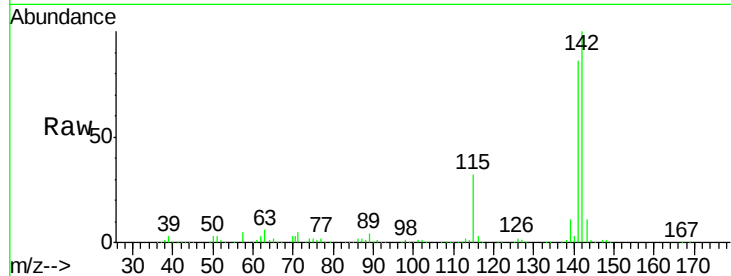
#37
2-Methylnaphthalene
Concen: 39.653 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.8	106.2
115	31.9	26.1	39.1

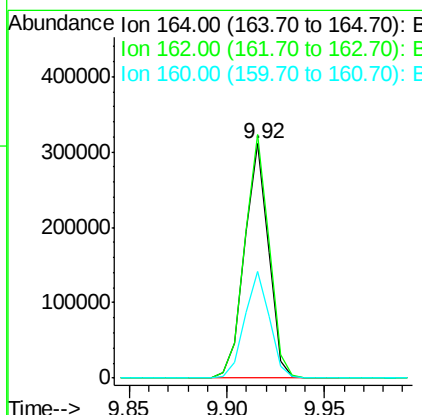
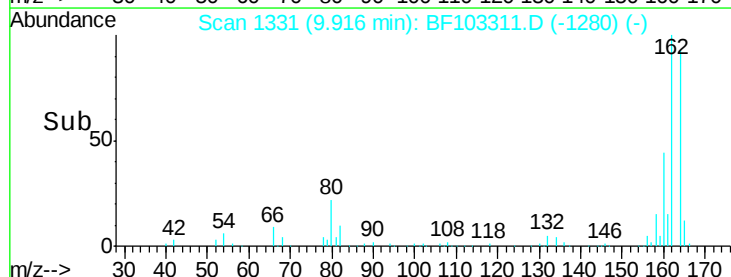
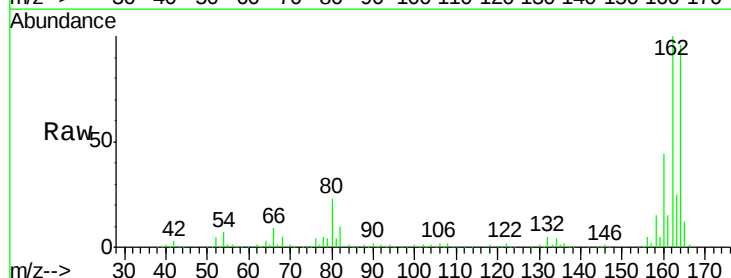
Manual Integrations
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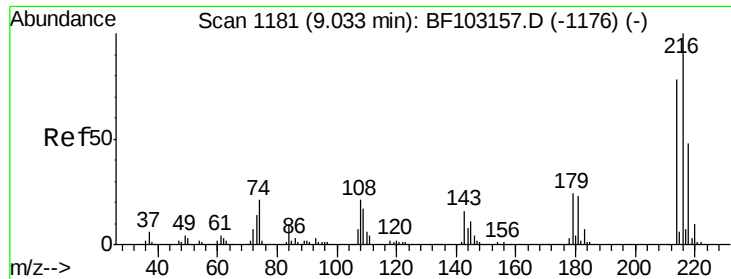
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.4	38.3	57.5





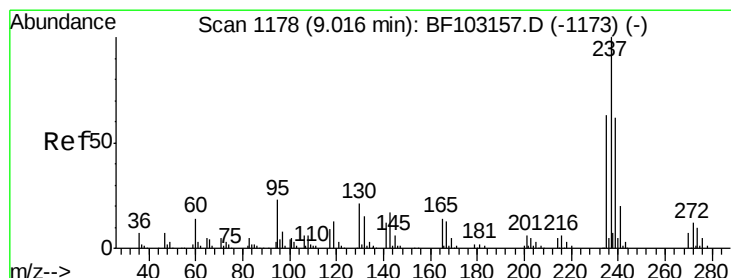
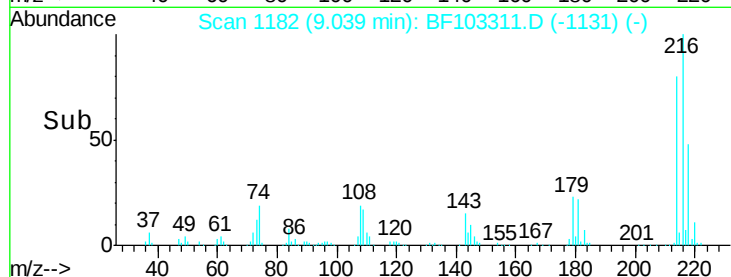
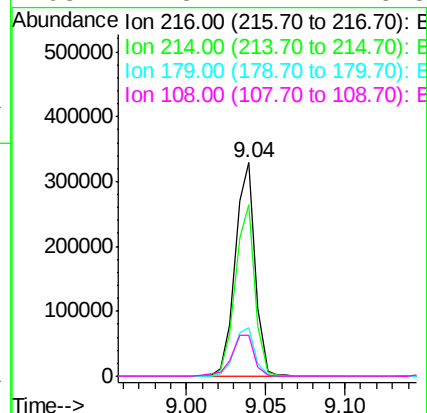
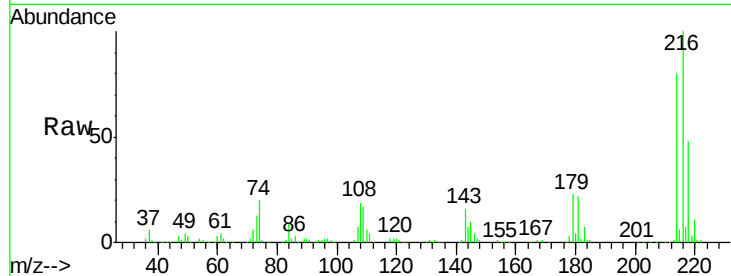
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.437 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		285985		
214	79.3		63.0	94.4	
179	23.2		18.1	27.1	
108	22.3		17.2	25.8	

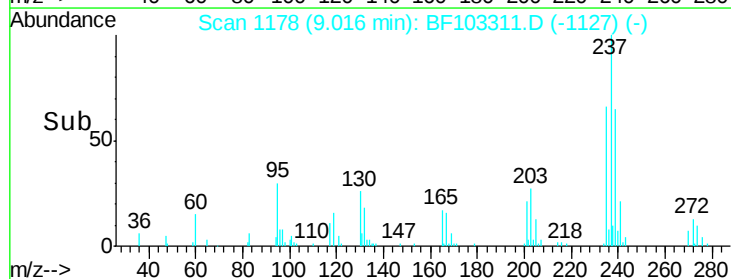
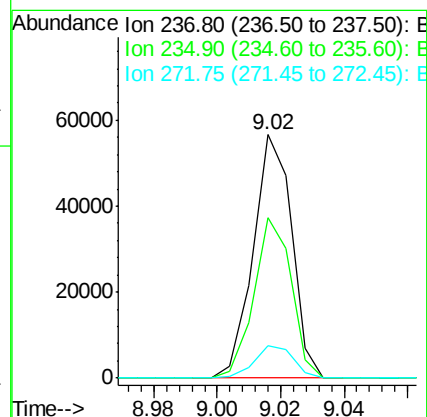
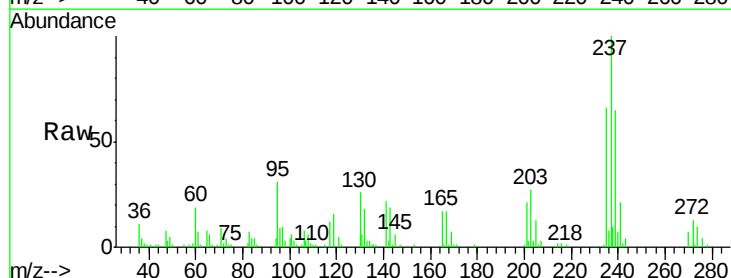
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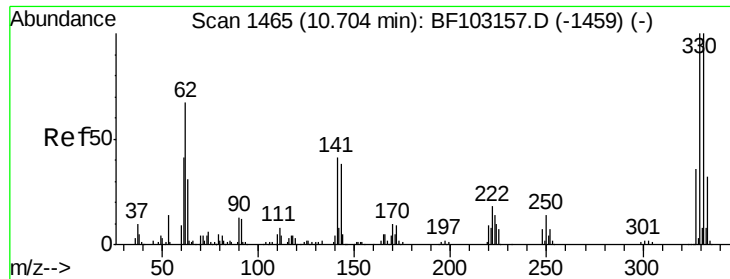
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#40
 Hexachlorocyclopentadiene
 Concen: 25.467 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		47689		
235	65.7		44.8	84.8	
272	13.2		0.0	33.3	





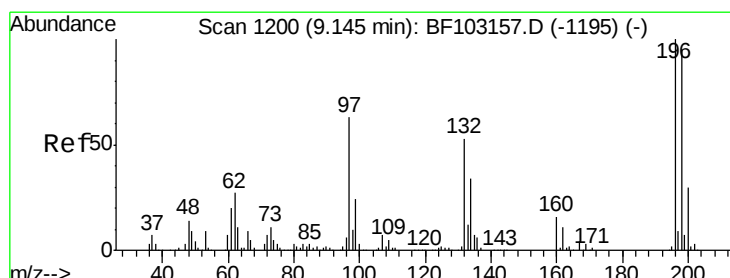
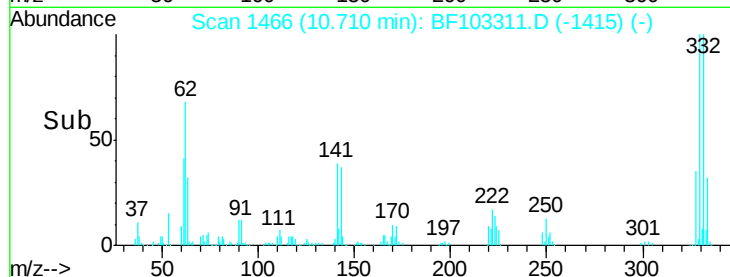
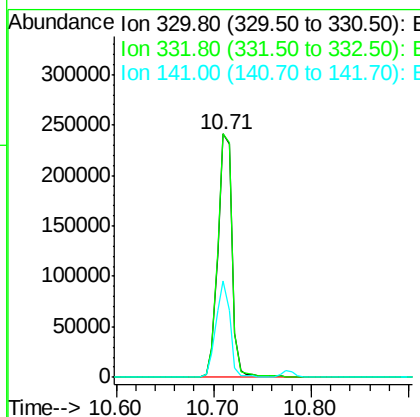
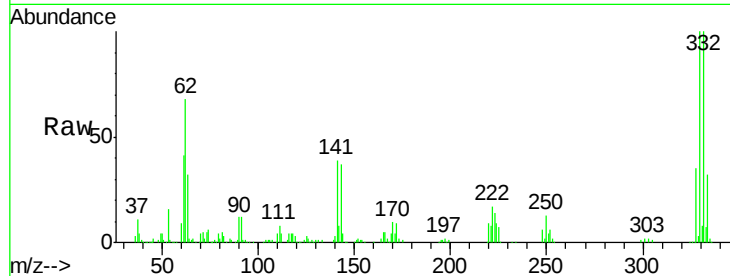
#41
 2,4,6-Tribromophenol
 Concen: 109.405 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.0	115.6
141	39.1	29.9	44.9

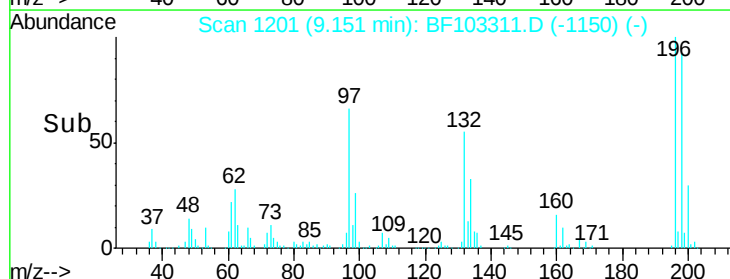
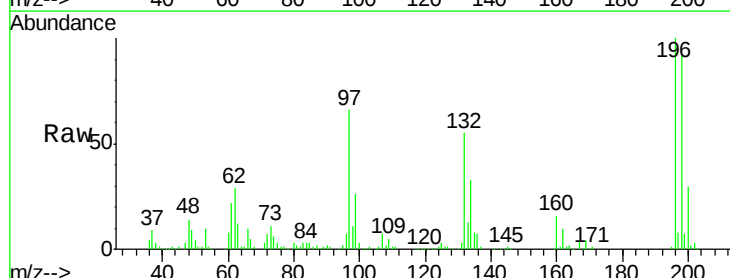
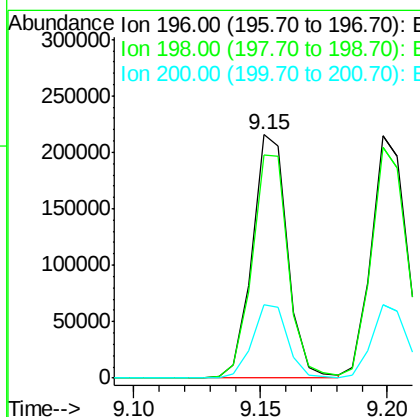
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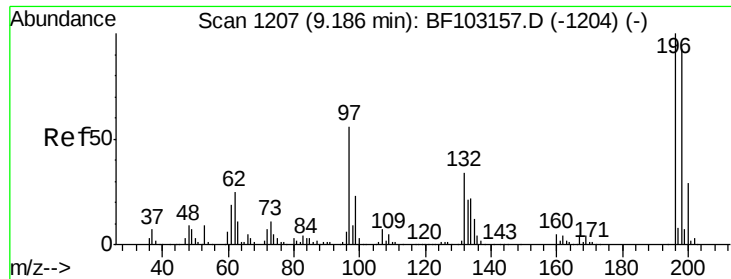
Sohil
 3/1/2018 11:43:31 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.803 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.7	113.5
200	30.3	24.5	36.7





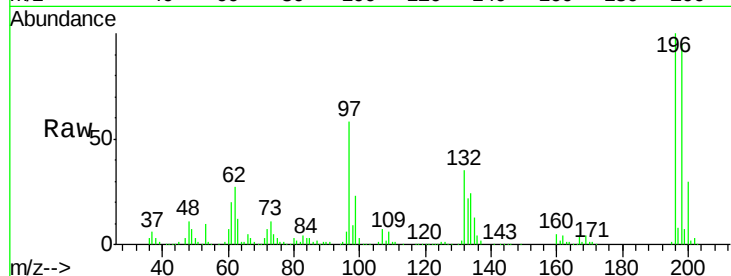
#43
 2,4,5-Trichlorophenol
 Concen: 39.463 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

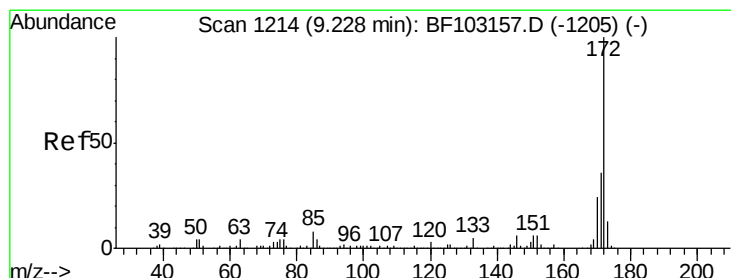
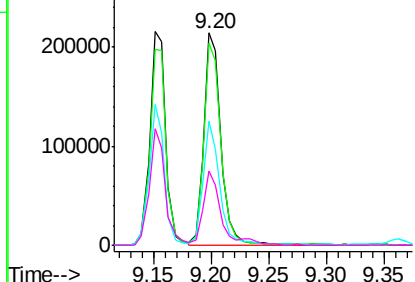
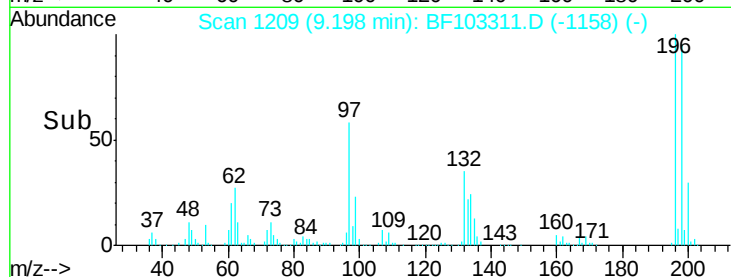
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		221474		
198	95.4	74.6	112.0		
97	58.4	42.9	64.3		
132	34.8	26.3	39.5		

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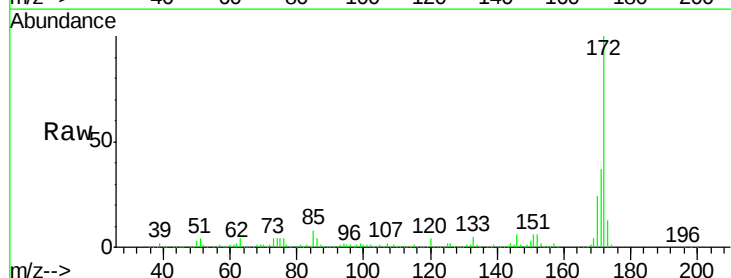


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

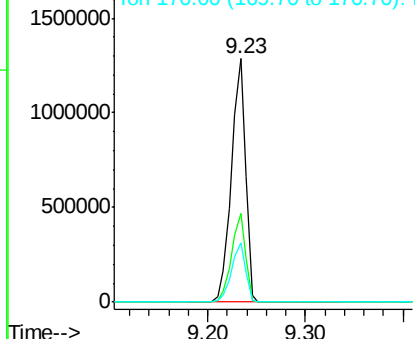
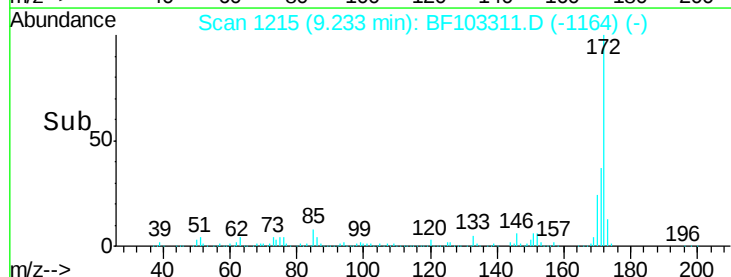


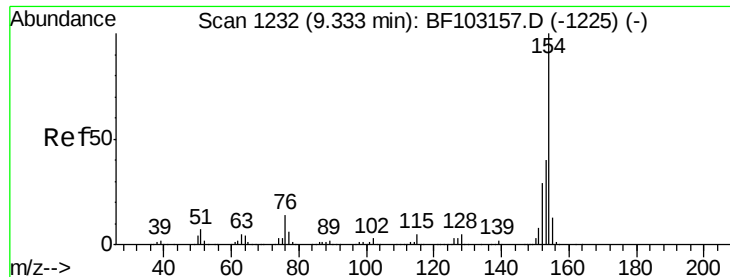
#44
 2-Fluorobiphenyl
 Concen: 84.111 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1298607		
171	36.7	29.7	44.5		
170	24.4	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





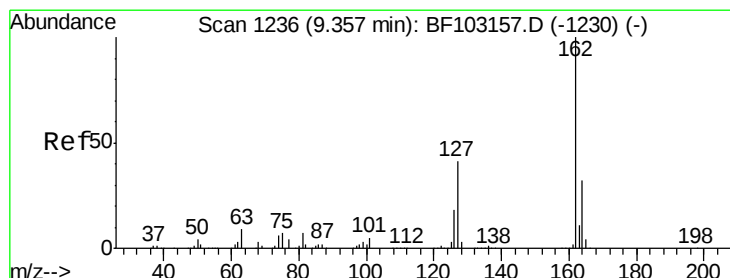
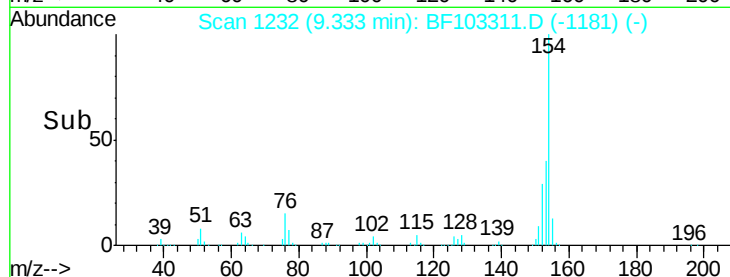
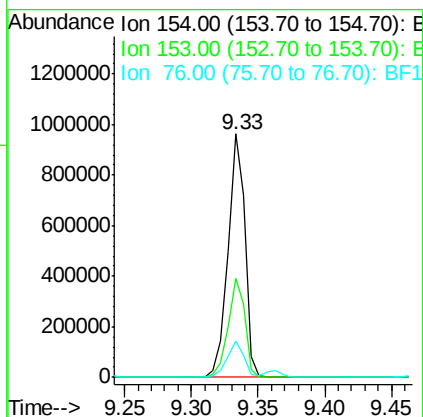
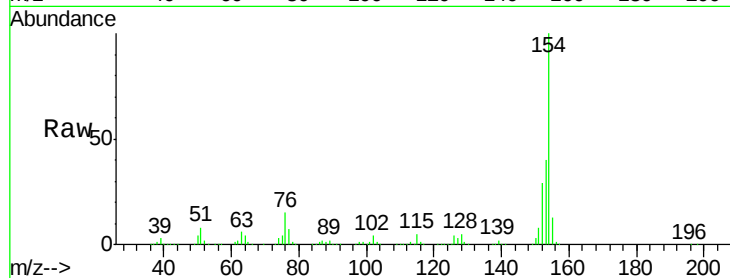
#45
 1,1'-Biphenyl
 Concen: 38.914 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion:	154	Resp:	864964
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.3	61.3
76	14.7	0.0	34.0

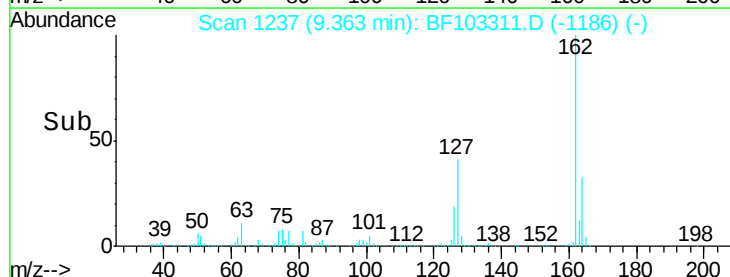
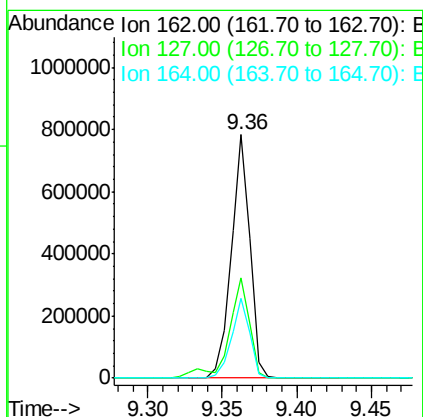
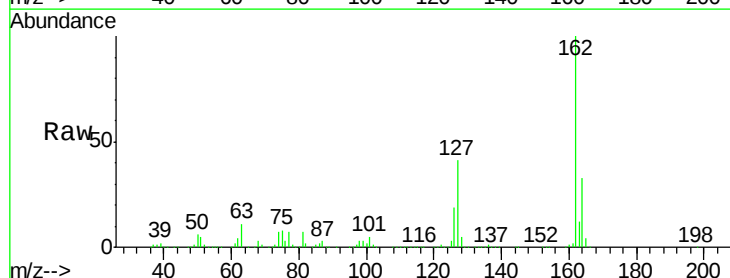
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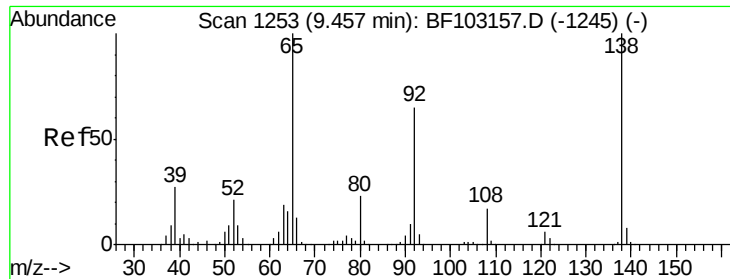
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 3/1/2018 11:43:31 AM



#46
 2-Chloronaphthalene
 Concen: 39.363 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:	162	Resp:	692194
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	32.9	26.5	39.7





#47

2-Nitroaniline

Concen: 43.862 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

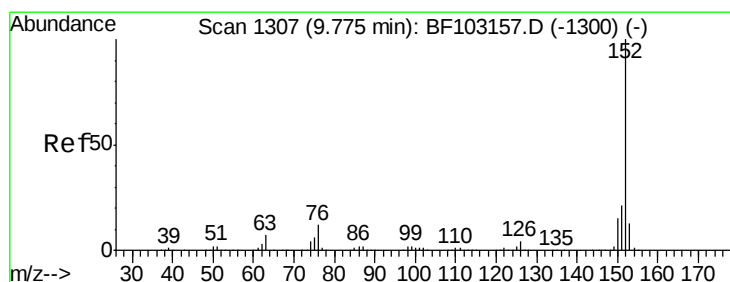
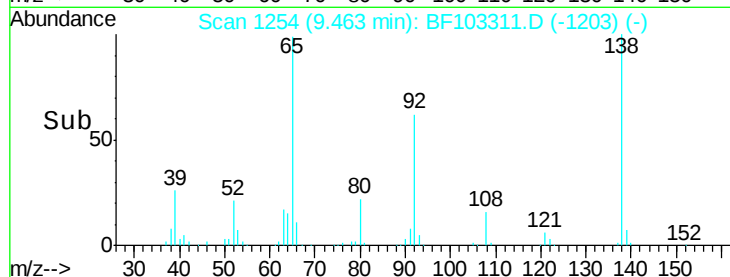
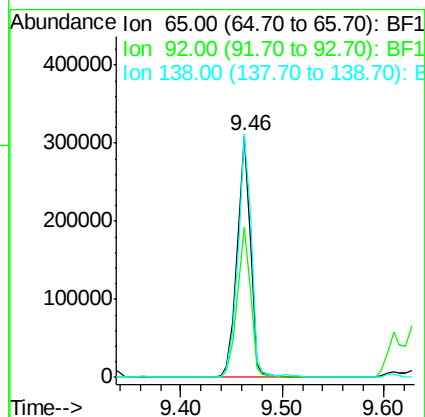
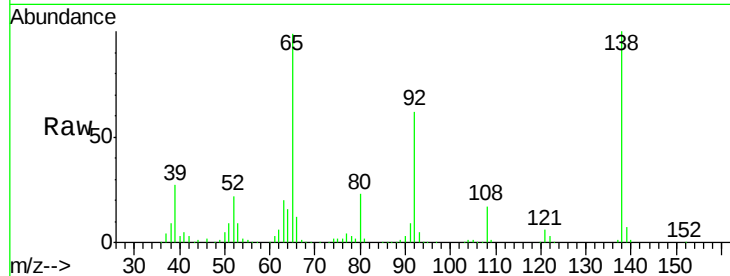
ClientSampleId :

RO-222-226MSD

Tot Ion:	65	Resp:	285708
Ion Ratio	Lower	Upper	
65	100		
92	62.3	55.8	83.6
138	100.7	91.2	136.8

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#48

Acenaphthylene

Concen: 38.575 ng

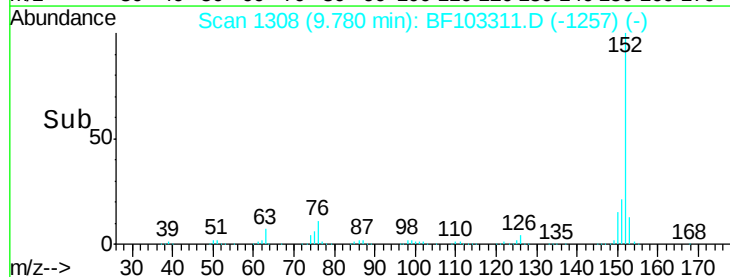
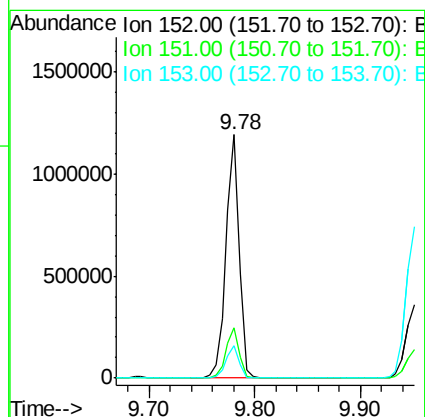
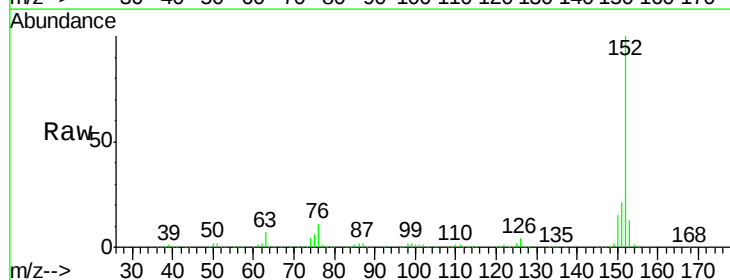
RT: 9.78 min Scan# 1308

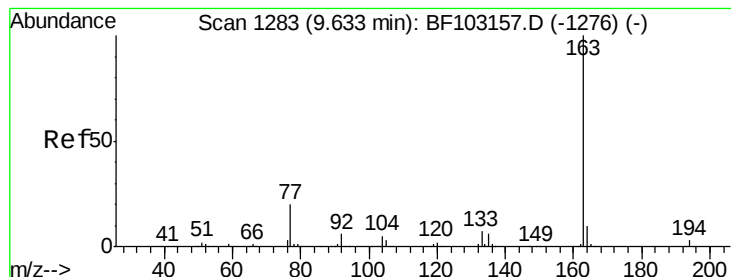
Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:	152	Resp:	1043690
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 44.787 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

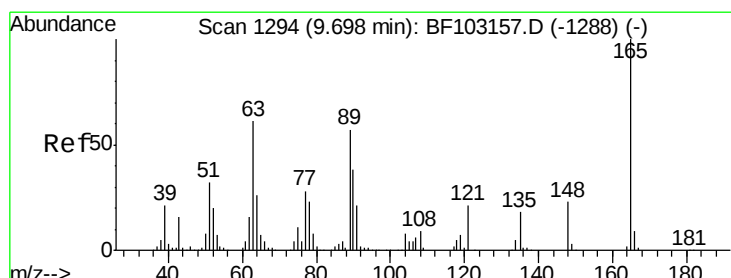
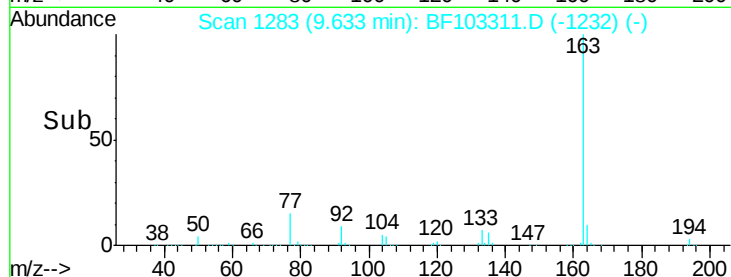
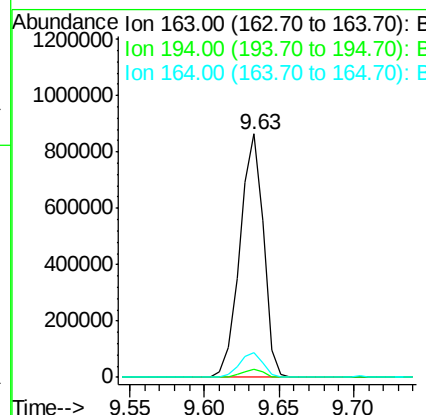
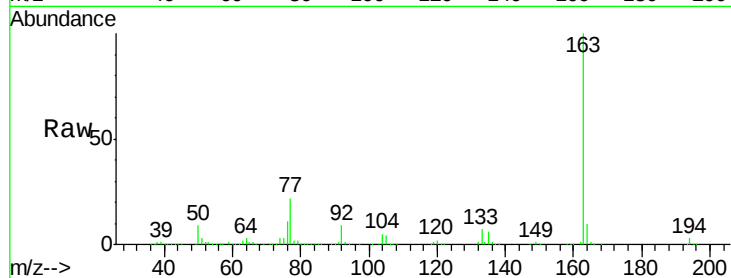
ClientSampleId :

RO-222-226MSD

Tot Ion:	163	Resp:	953061
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 40.593 ng

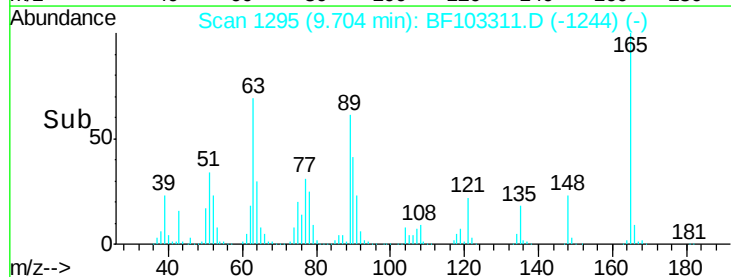
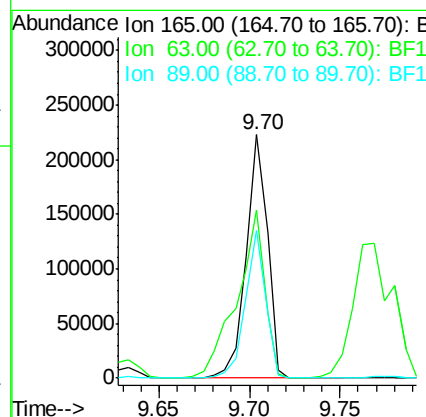
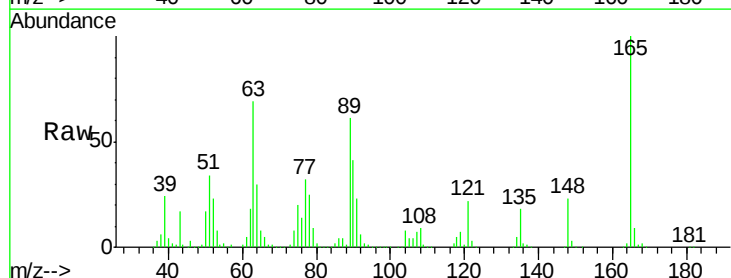
RT: 9.70 min Scan# 1295

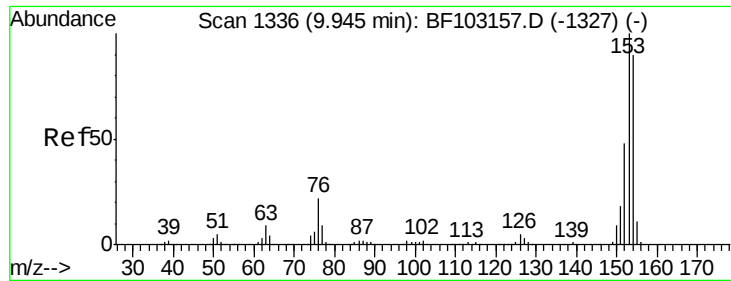
Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:	165	Resp:	181272
Ion Ratio	Lower	Upper	
165	100		
63	69.1	44.7	67.1#
89	60.6	44.0	66.0





#51

Acenaphthene

Concen: 38.203 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

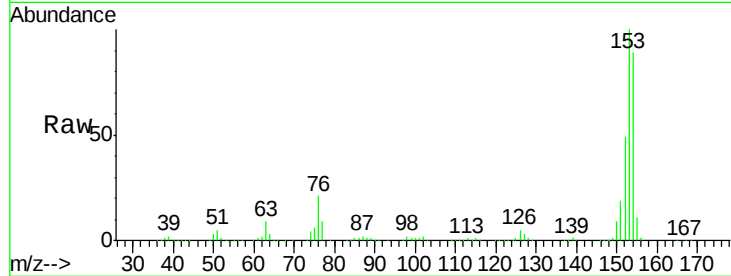
ClientSampleId :

RO-222-226MSD

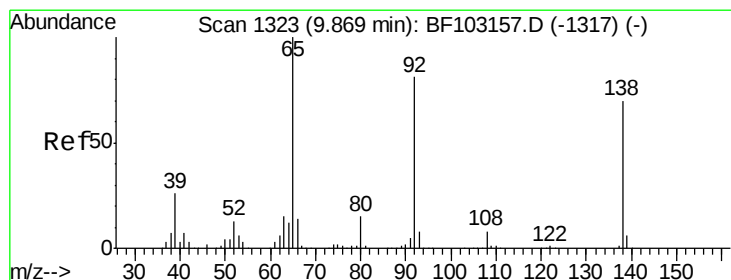
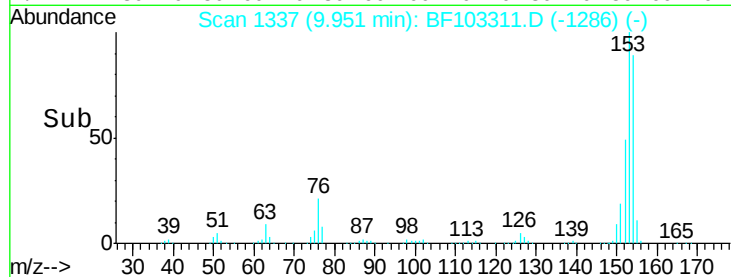
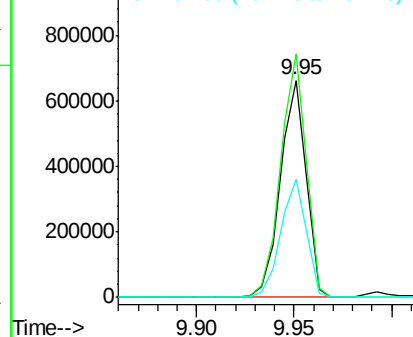
Tot Ion:	154	Resp:	602727
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.2	136.8
152	54.7	43.8	65.8

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



#52

3-Nitroaniline

Concen: 23.524 ng

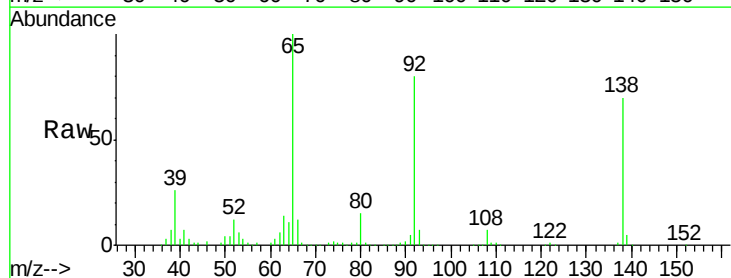
RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

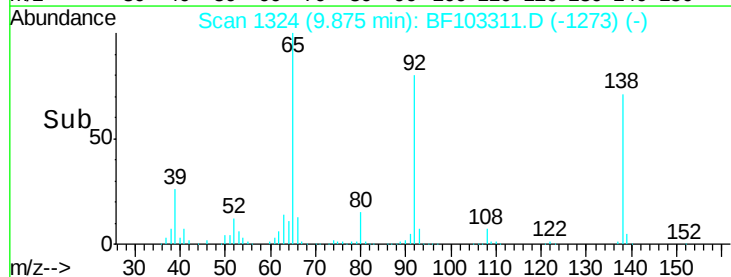
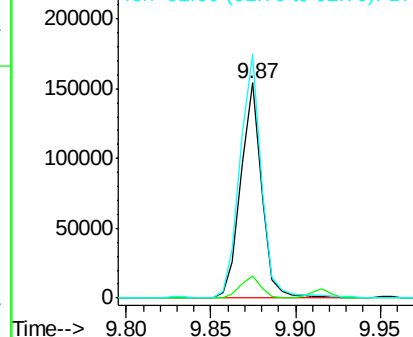
Lab File: BF103311.D

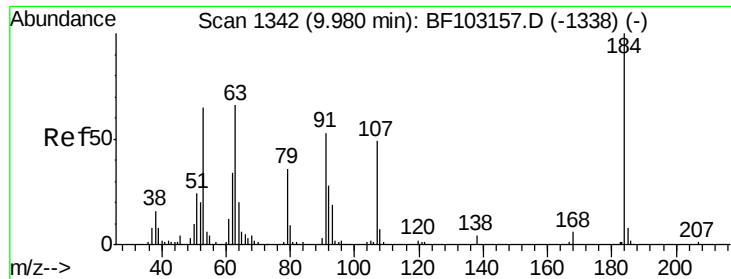
Acq: 28 Feb 2018 23:24

Tgt Ion:	138	Resp:	133276
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	113.1	89.4	134.2



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





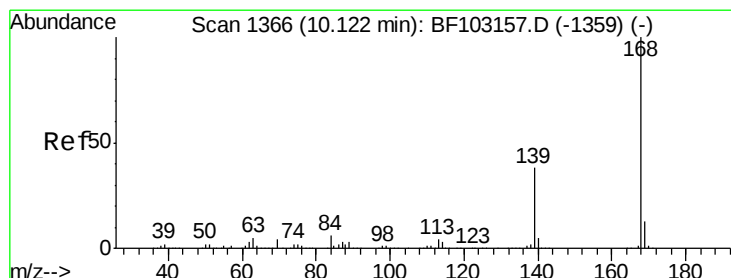
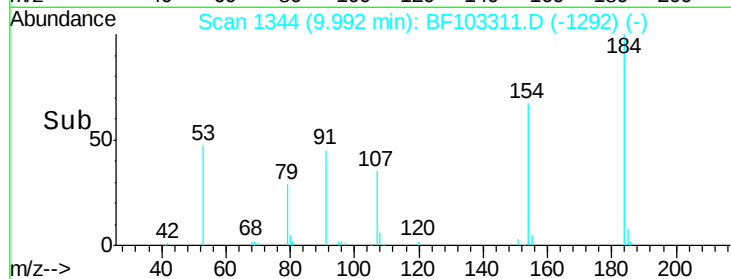
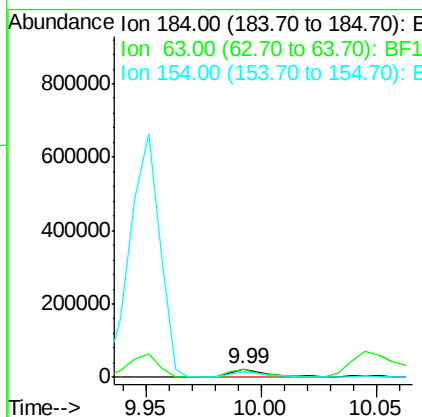
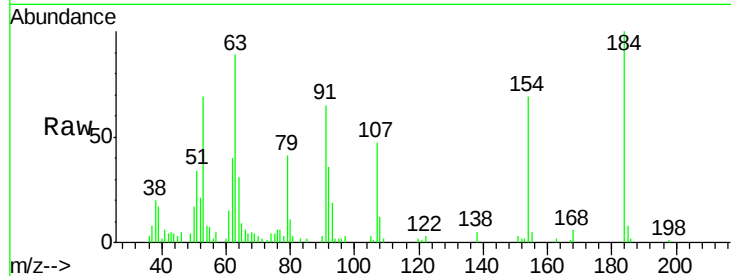
#53
2,4-Dinitrophenol
Concen: 24.902 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.5	54.2	81.2#
154	69.4	184.0	276.0#

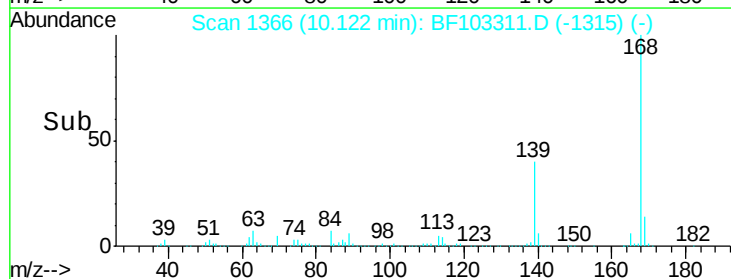
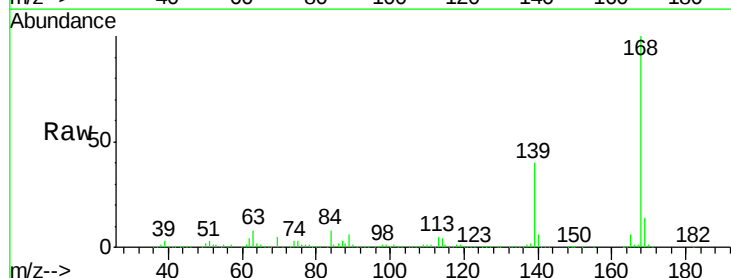
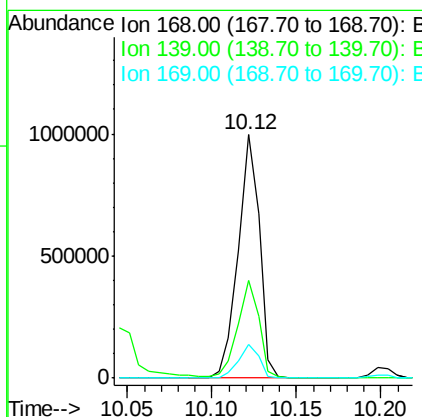
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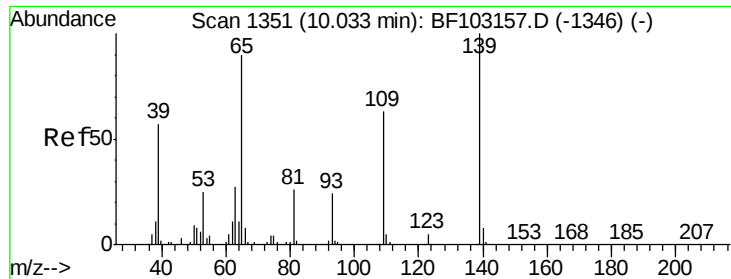
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#54
Dibenzofuran
Concen: 40.327 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.1	45.1
169	13.7	10.9	16.3





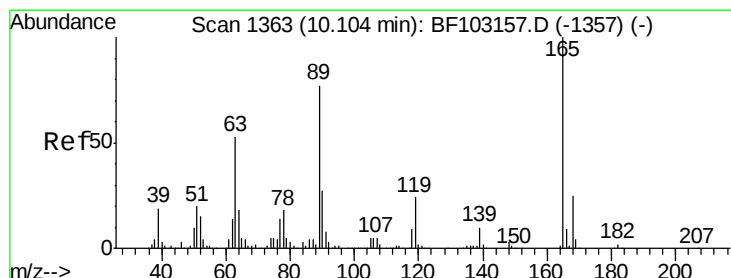
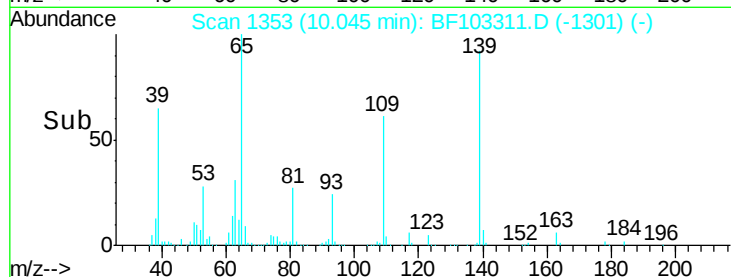
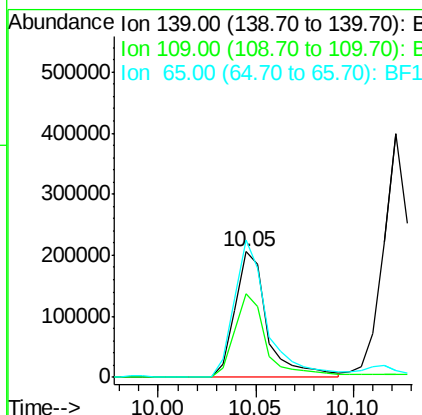
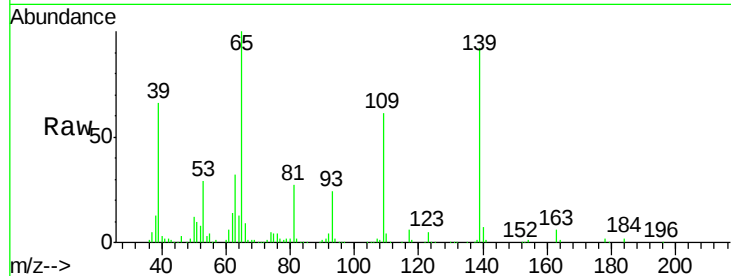
#55
4-Nitrophenol
Concen: 67.989 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	238736		
109	66.1	48.4	88.4	
65	109.1	72.6	112.6	

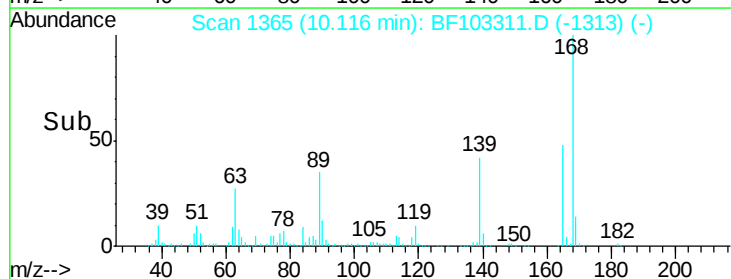
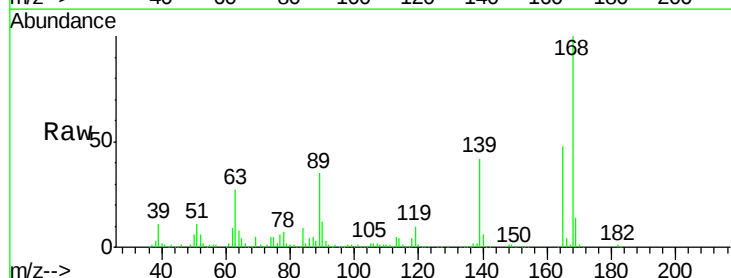
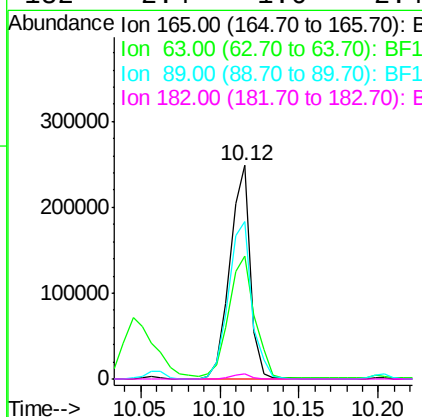
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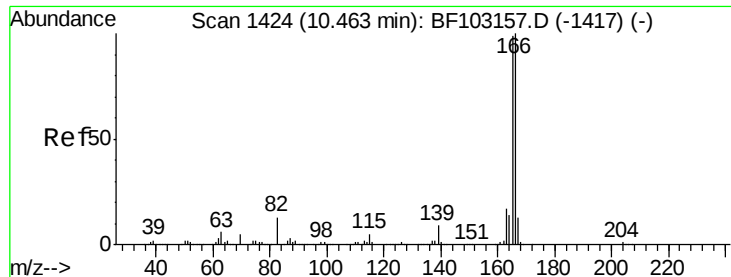
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.288 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221891		
63	57.6	36.4	54.6#	
89	73.6	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 37.177 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

ClientSampleId :

RO-222-226MSD

Tot Ion:166 Resp: 685899

Ion Ratio Lower Upper

166 100

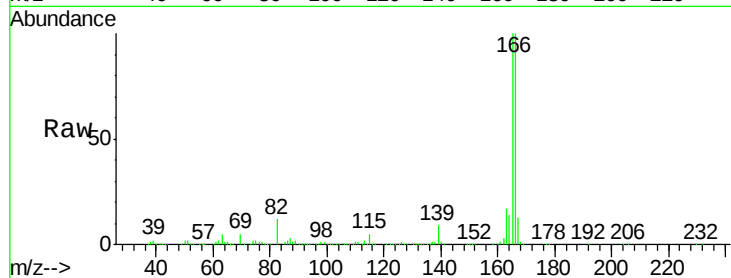
165 99.6 79.8 119.8

167 13.2 10.6 16.0

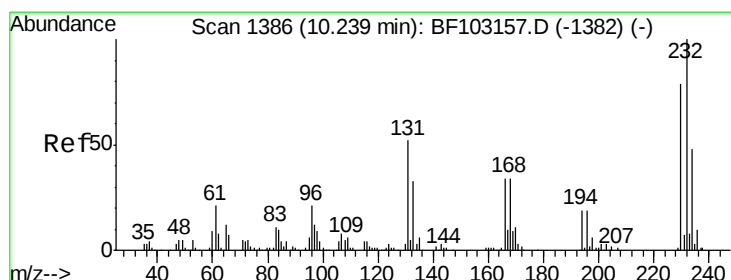
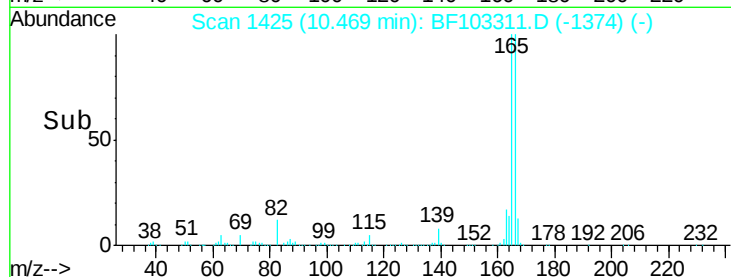
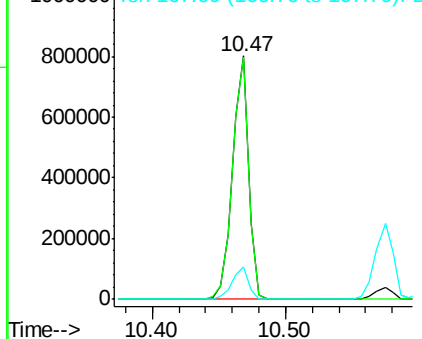
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.620 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:232 Resp: 153140

Ion Ratio Lower Upper

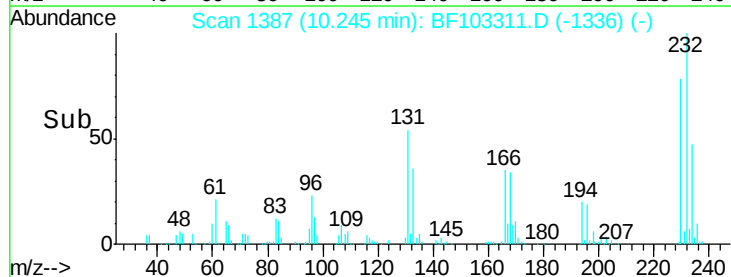
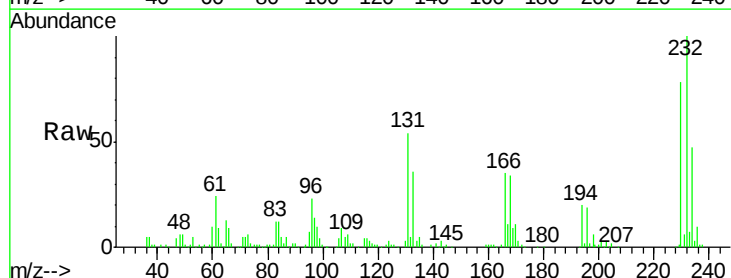
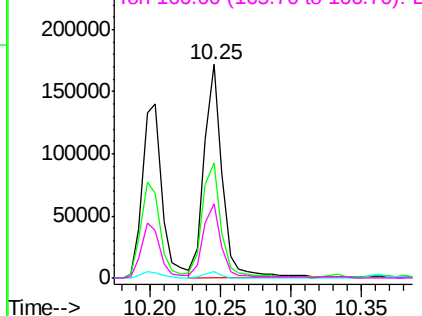
232 100

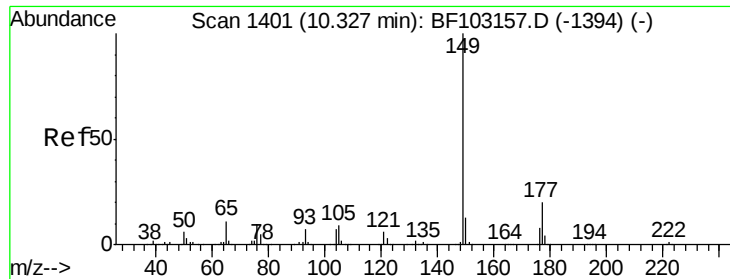
131 56.7 43.8 65.8

130 2.7 2.1 3.1

166 35.2 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





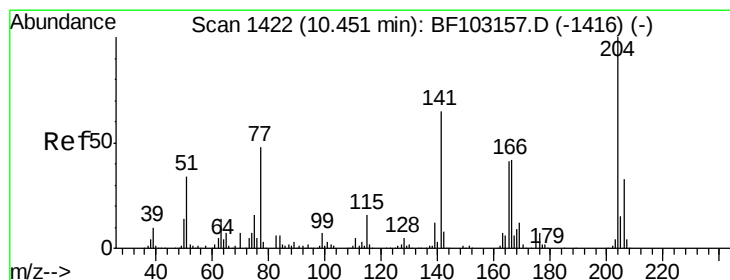
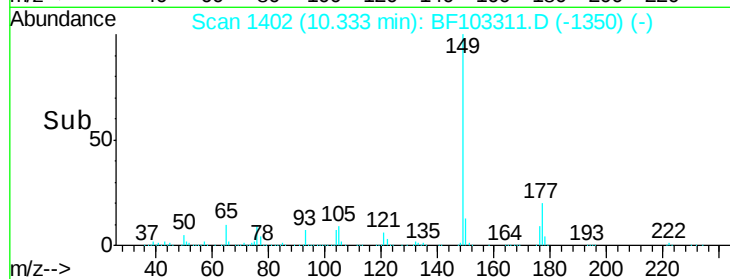
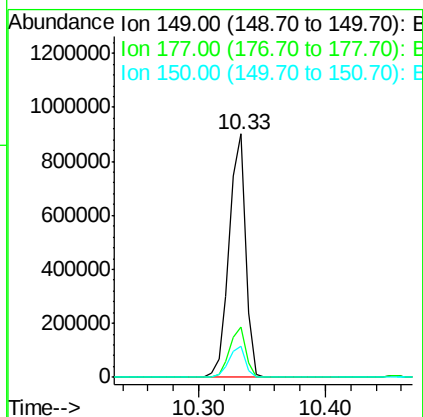
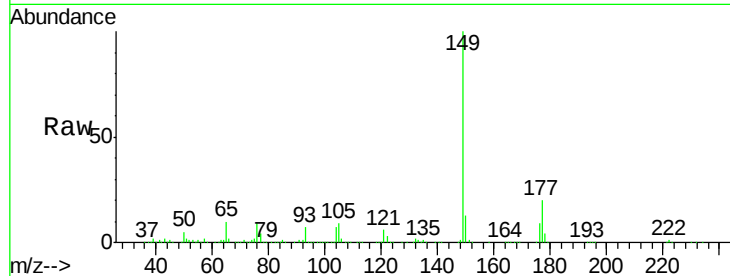
#59
Diethylphthalate
Concen: 39.706 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.1	24.1
150	12.5	10.1	15.1

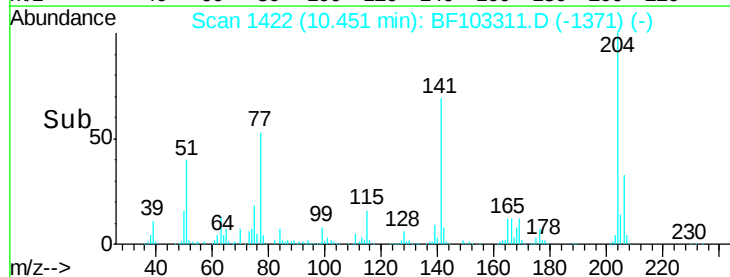
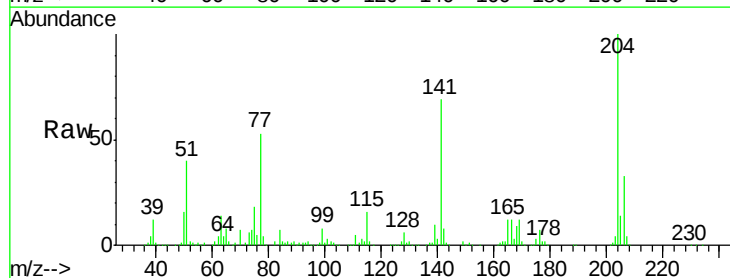
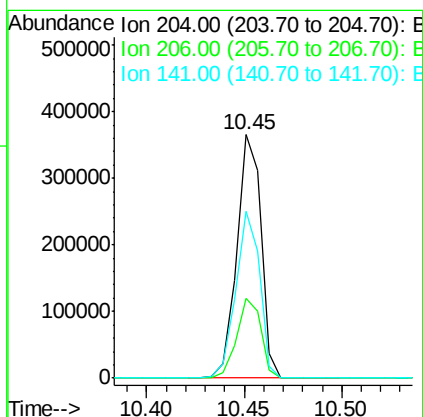
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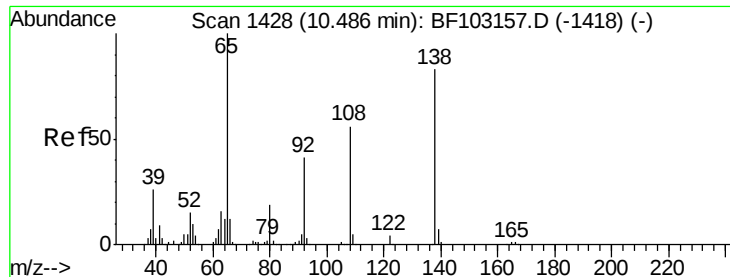
Sohil
3/1/2018 11:43:31 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.028 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	68.7	54.6	81.8





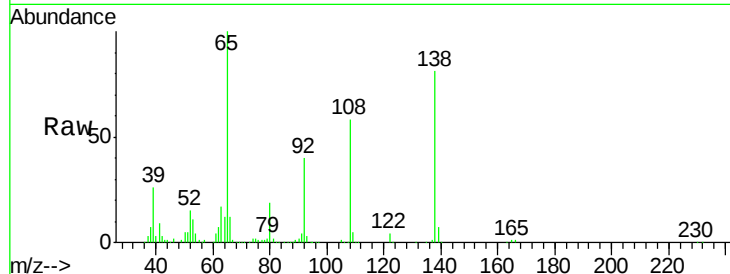
#61
4-Nitroaniline
Concen: 33.840 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

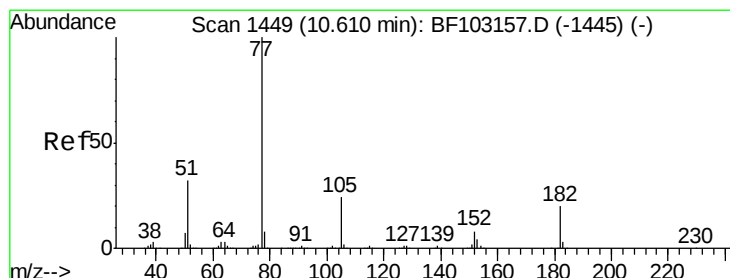
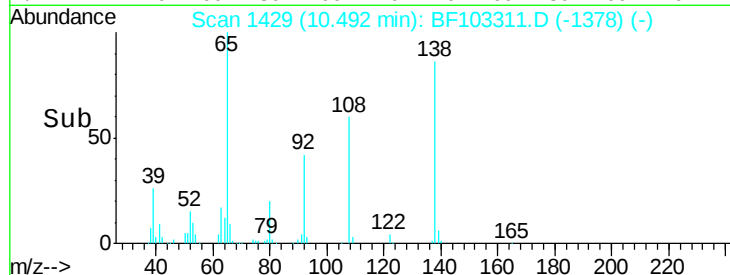
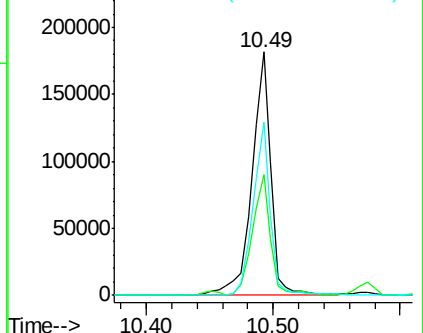
Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.2	70.2
108	71.0	52.5	92.5

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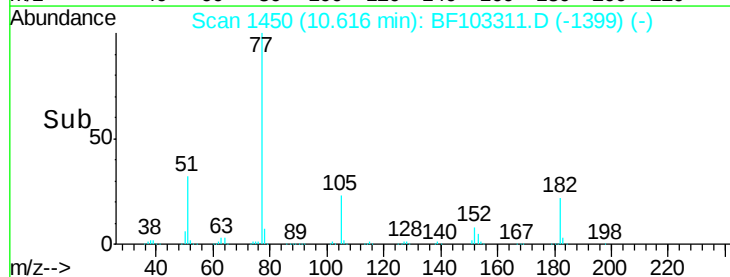
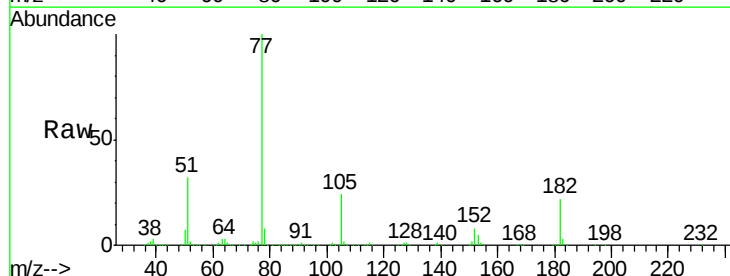
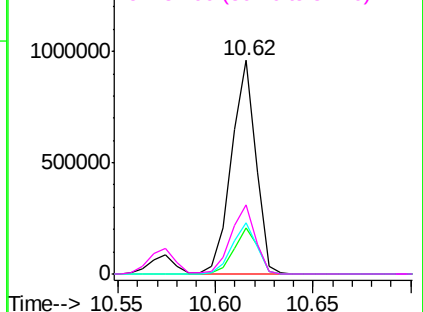
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

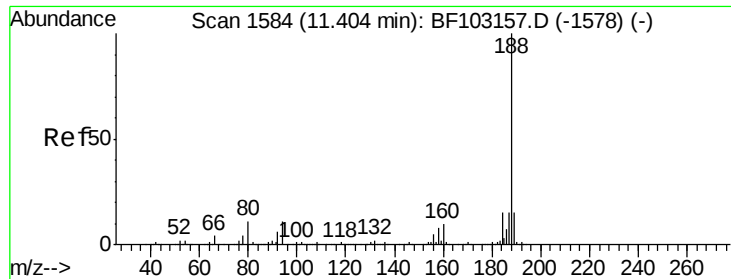


#62
Azobenzene
Concen: 39.967 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	1.7	41.7
105	24.0	3.0	43.0
51	32.2	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





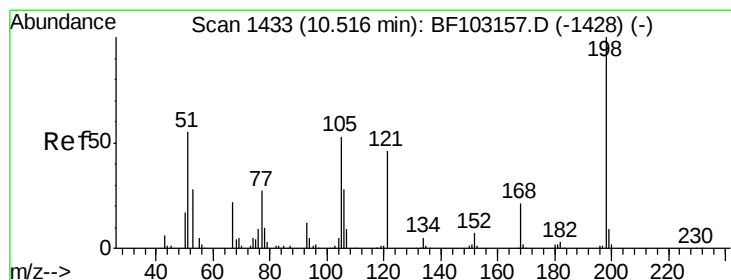
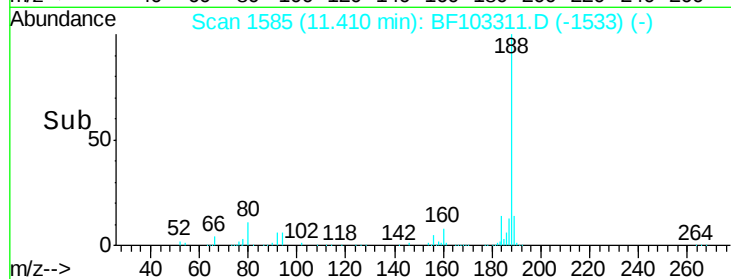
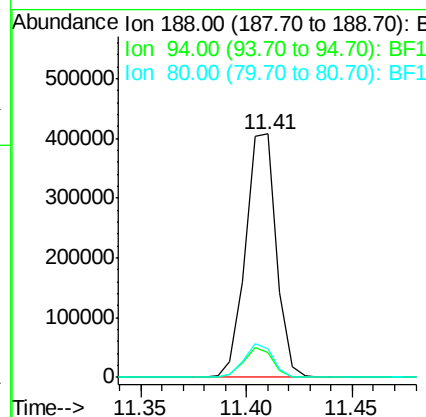
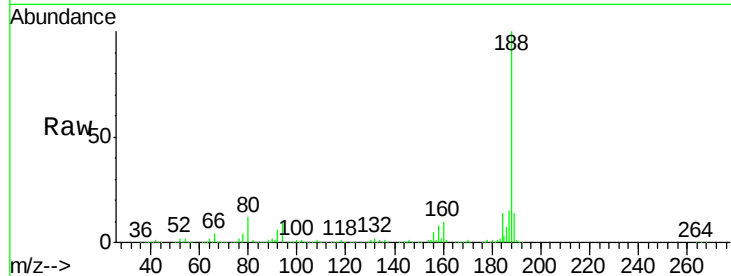
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	411214		
94	10.3	8.5	12.7	
80	11.6	9.2	13.8	

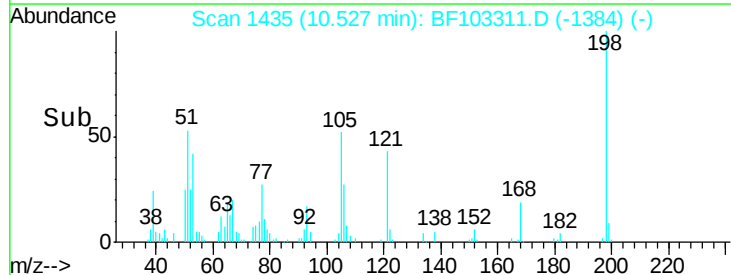
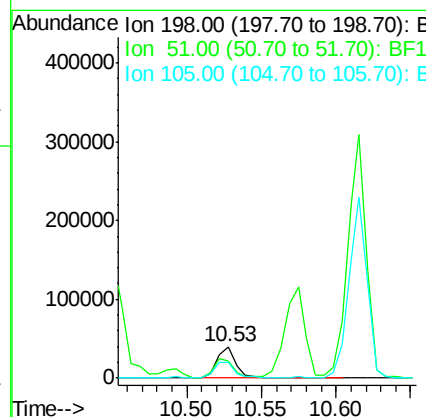
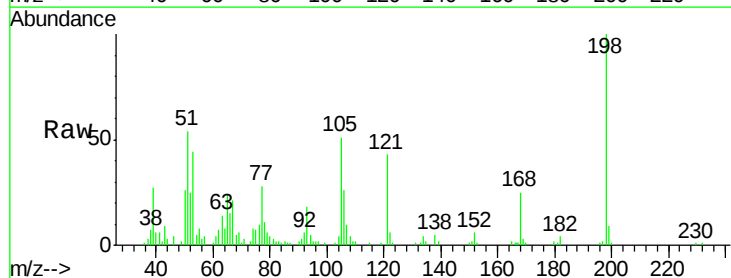
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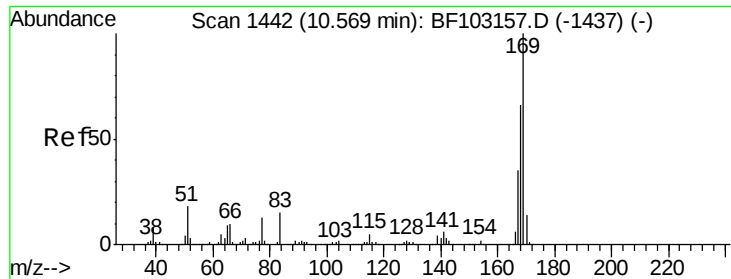
Sohil
3/1/2018 11:43:31 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 17.717 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	35626		
51	54.0	37.7	77.7	
105	51.4	36.3	76.3	





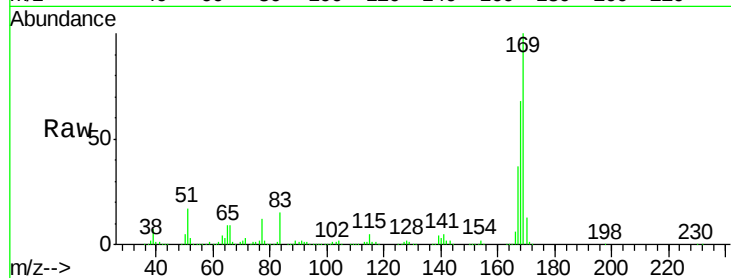
#65
 n-Nitrosodiphenylamine
 Concen: 43.858 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

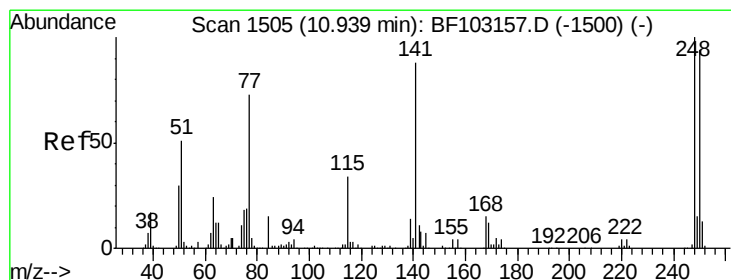
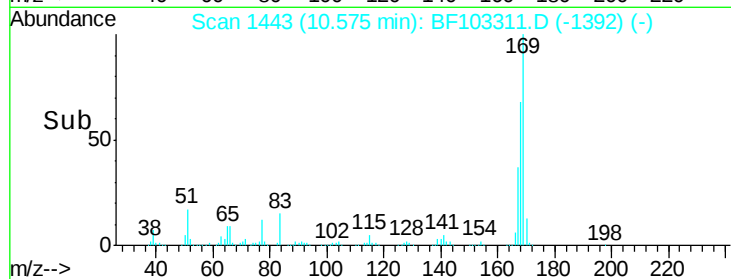
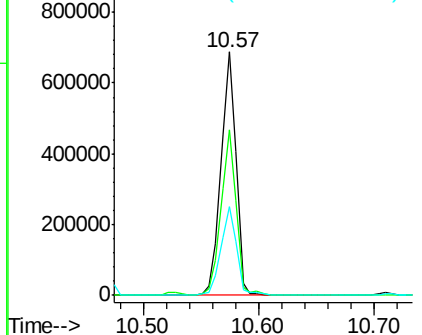
Tot Ion	Ratio	Resp	Lower	Upper
169	100	627950		
168	67.9		54.4	81.6
167	36.5		29.8	44.6

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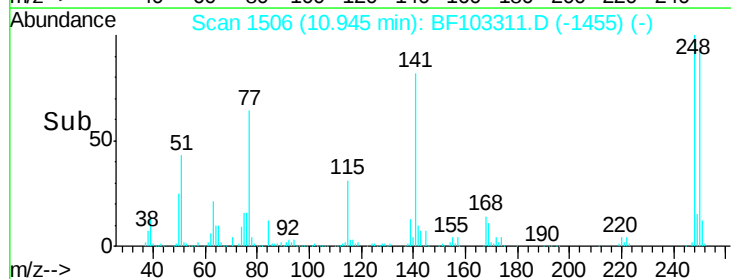
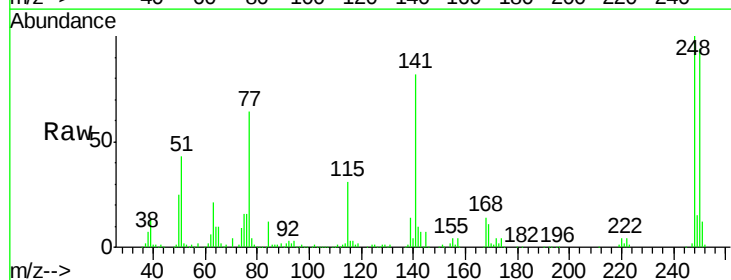
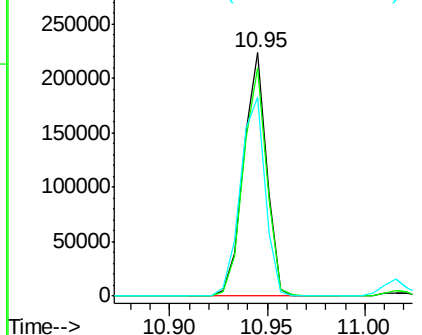
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

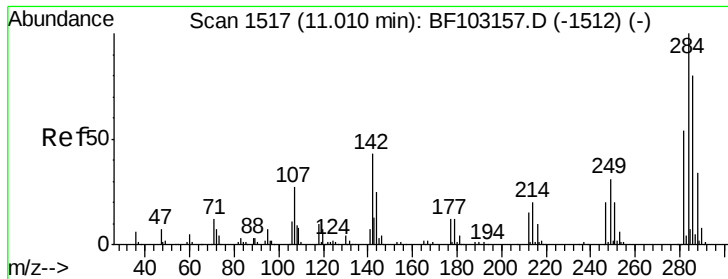


#66
 4-Bromophenyl-phenylether
 Concen: 42.864 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	183614		
250	94.0		76.9	115.3
141	81.8		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





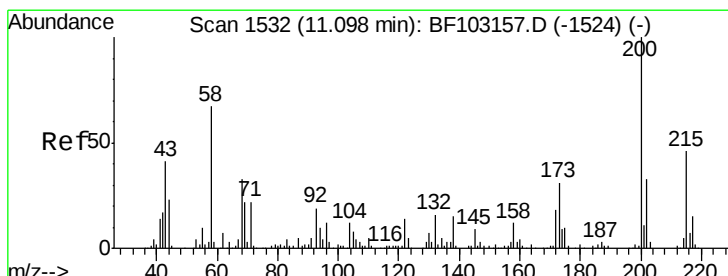
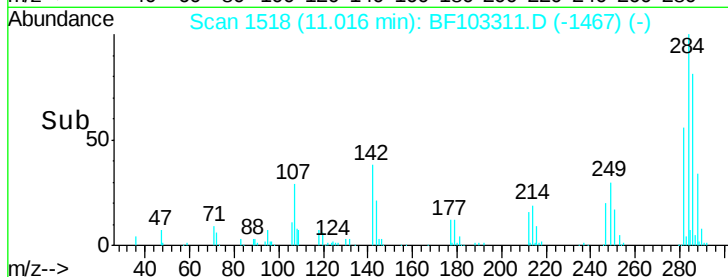
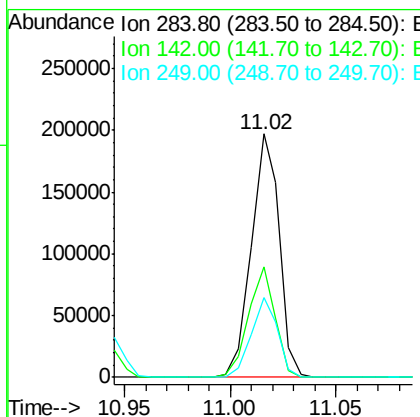
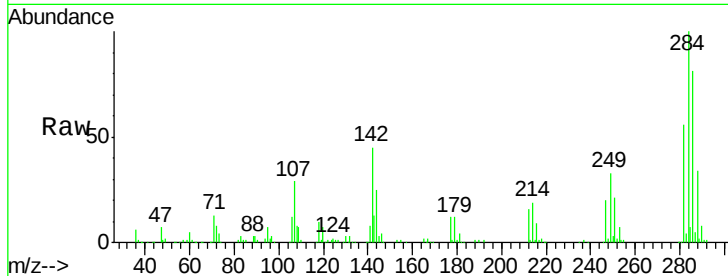
#67
Hexachlorobenzene
Concen: 38.897 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	180849		
142	45.2		34.6	52.0
249	32.6		24.8	37.2

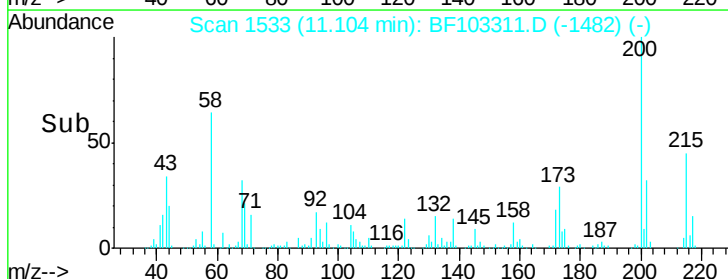
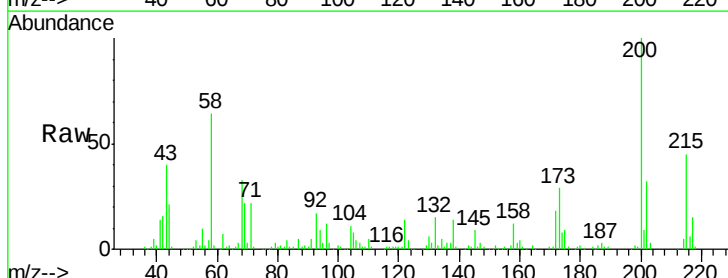
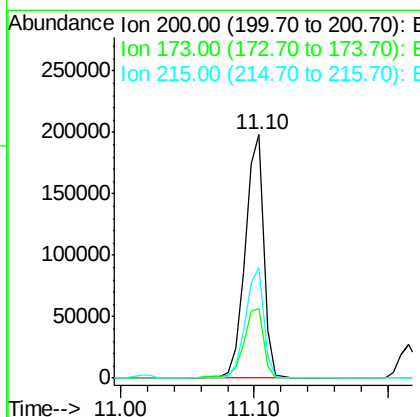
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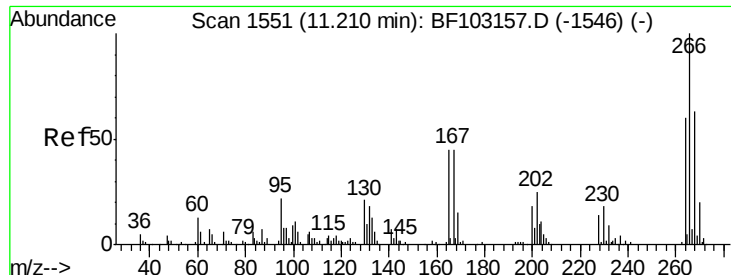
Sohil
3/1/2018 11:43:31 AM



#68
Atrazine
Concen: 43.831 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	188627		
173	28.5		8.6	48.6
215	45.3		25.1	65.1





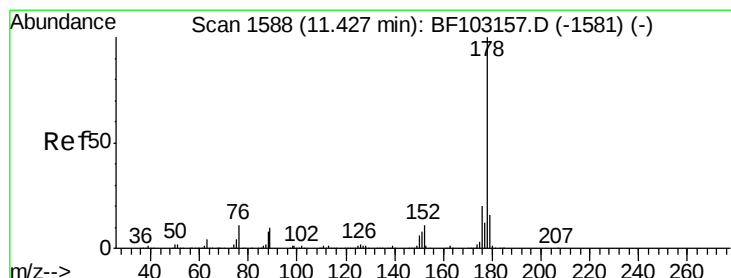
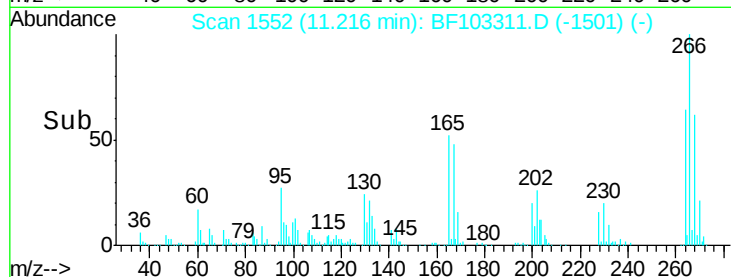
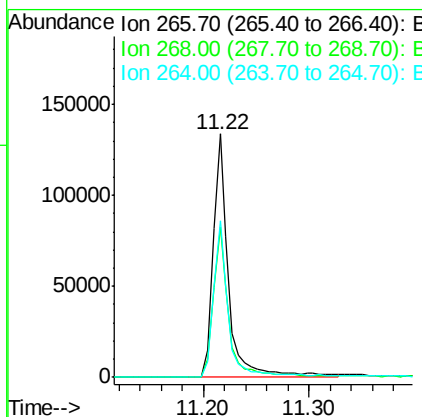
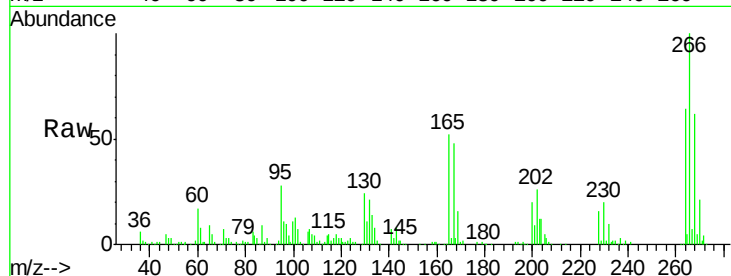
#69
 Pentachlorophenol
 Concen: 61.714 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	64.3	49.5	74.3

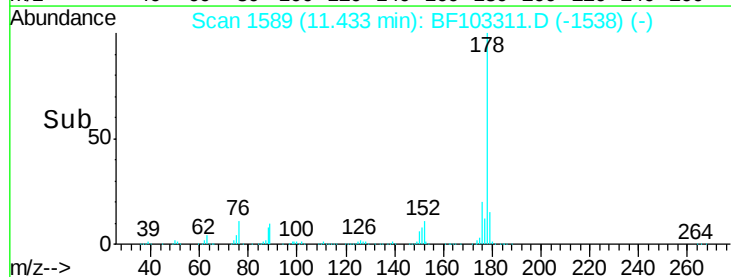
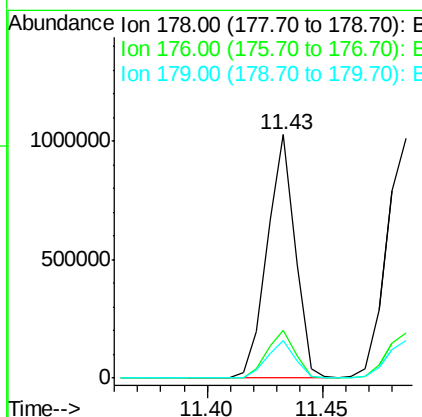
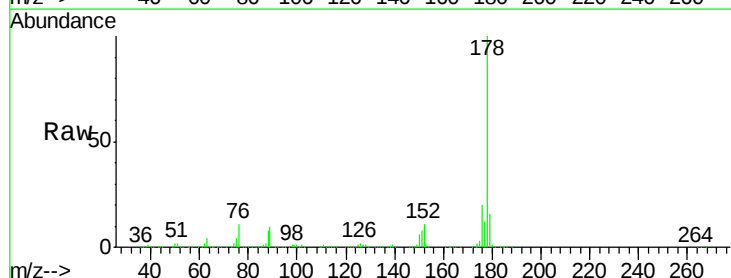
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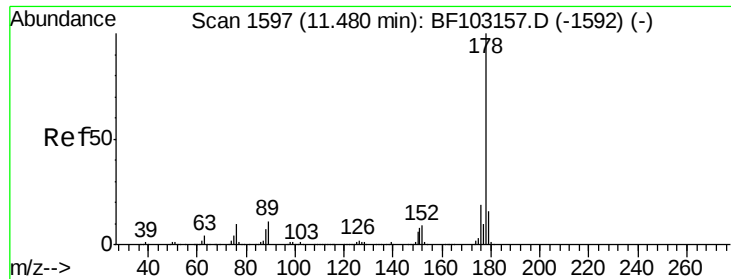
Sohil
 3/1/2018 11:43:31 AM



#70
 Phenanthrene
 Concen: 38.116 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6





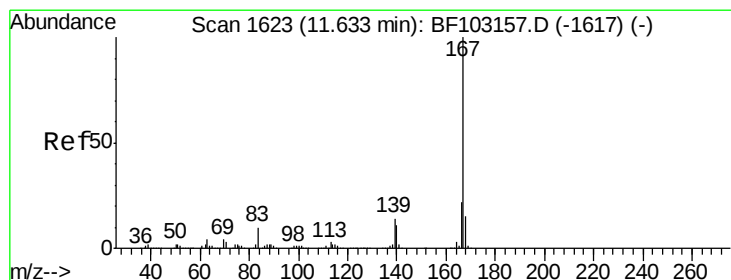
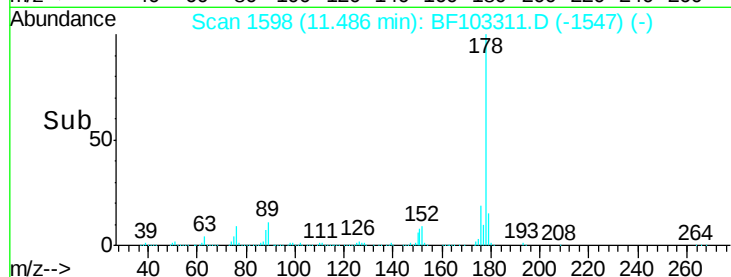
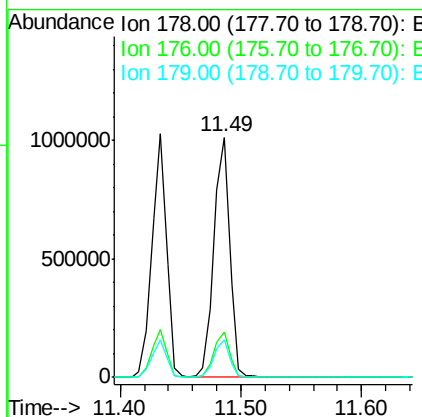
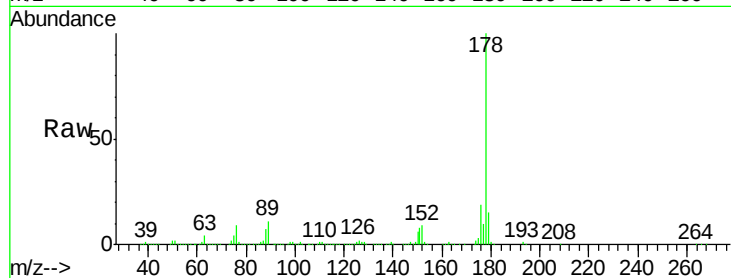
#71
 Anthracene
 Concen: 39.355 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

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

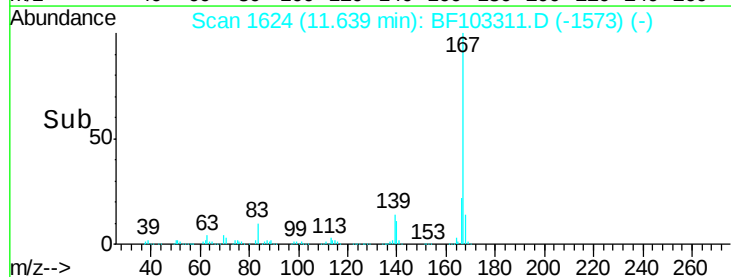
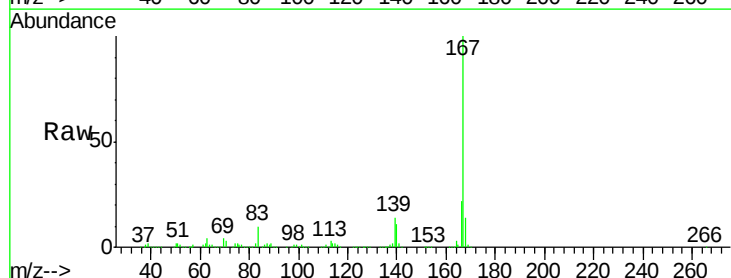
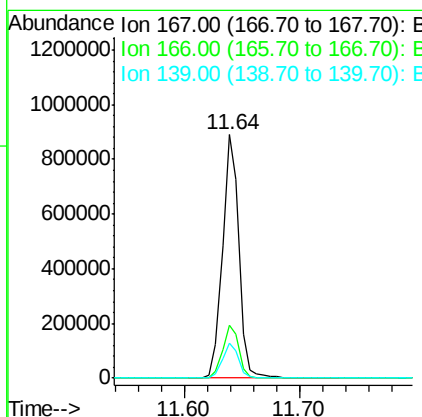
Manual Integrations
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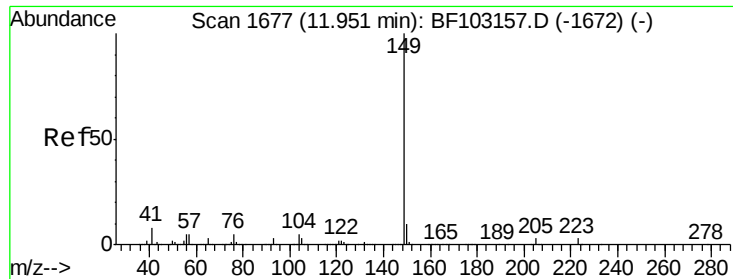
Sohil
 3/1/2018 11:43:31 AM



#72
 Carbazole
 Concen: 37.853 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	14.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.984 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

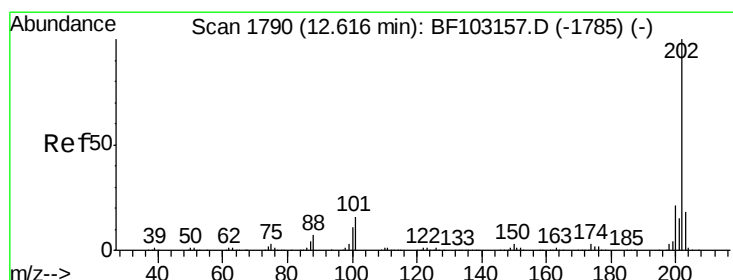
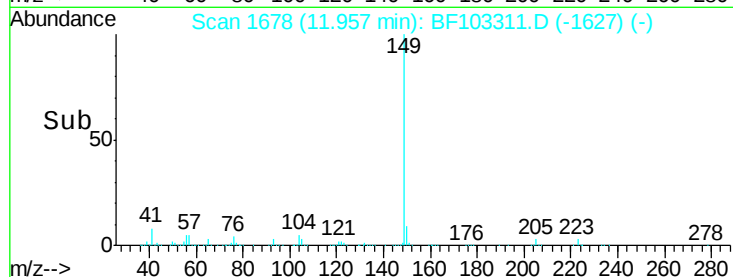
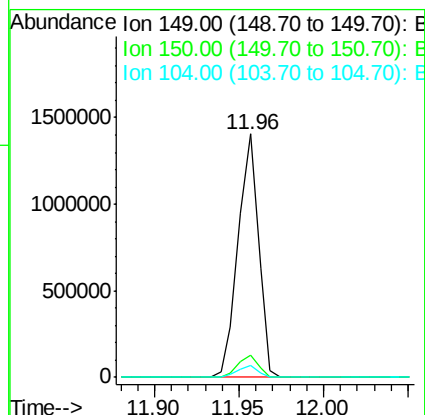
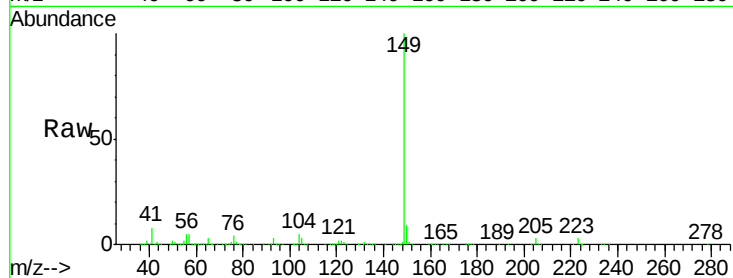
ClientSampleId :

RO-222-226MSD

Tot Ion:	149	Resp:	1185126
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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3/1/2018 11:43:31 AM



#74

Fluoranthene

Concen: 34.422 ng

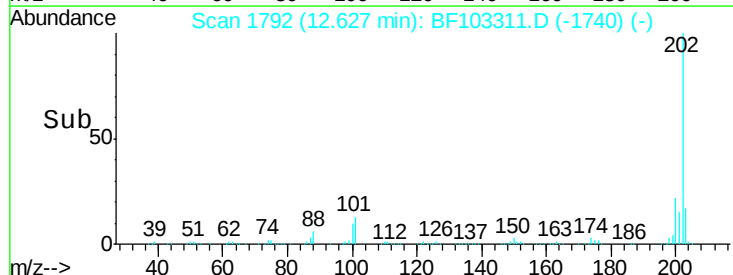
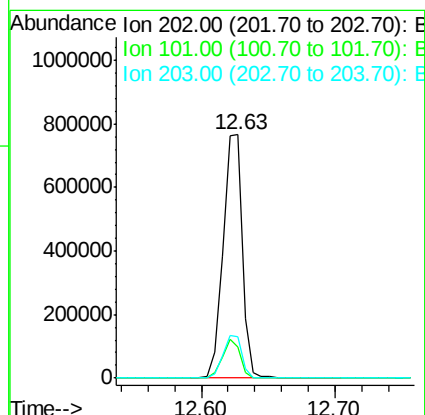
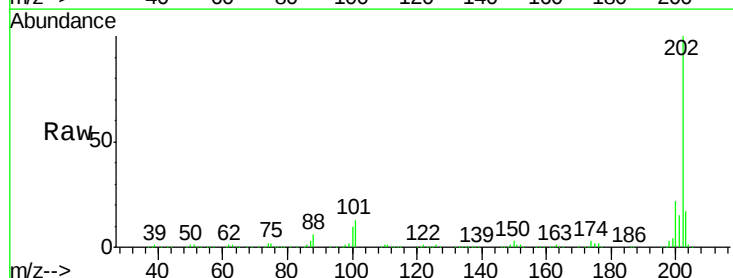
RT: 12.63 min Scan# 1792

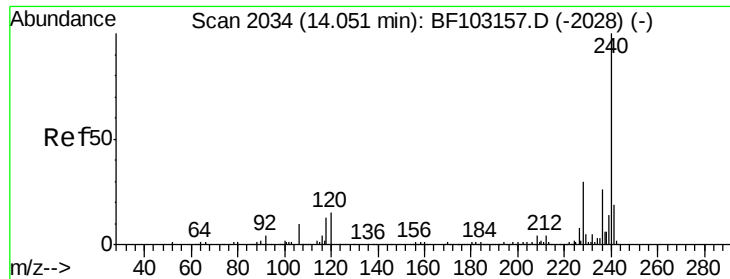
Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:	202	Resp:	782802
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

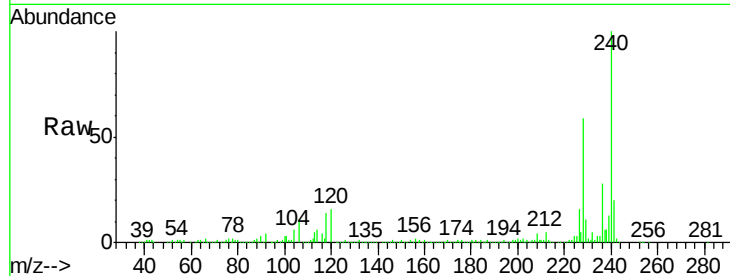
ClientSampleId :

RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3
236	27.6	20.7	31.1

Manual Integrations
APPROVED

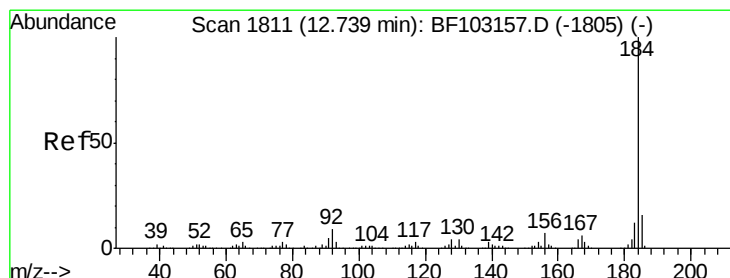
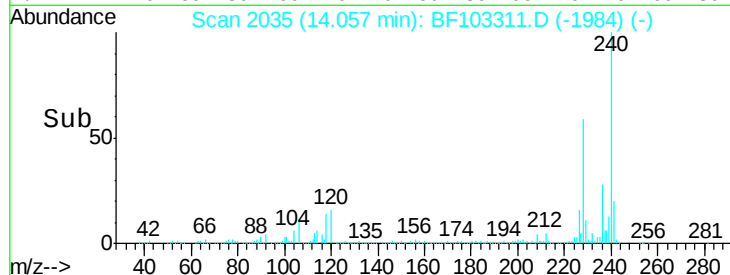
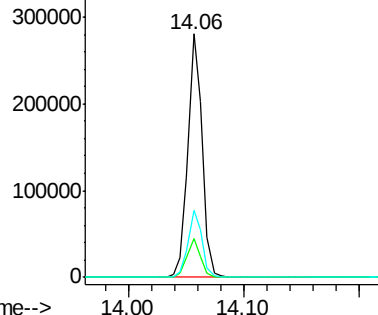
Sohil
3/1/2018 11:43:31 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.300 ng

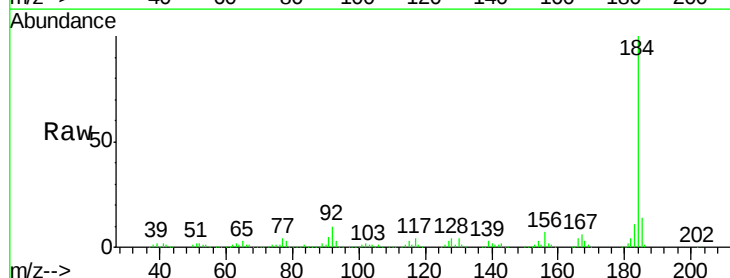
RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

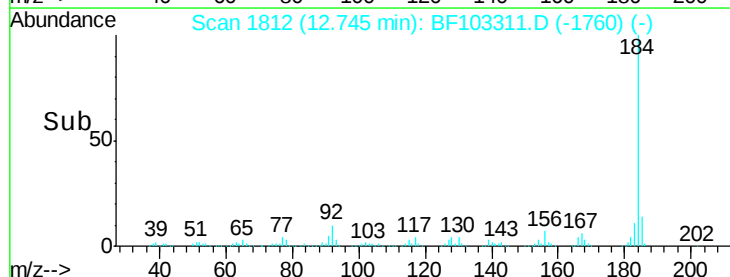
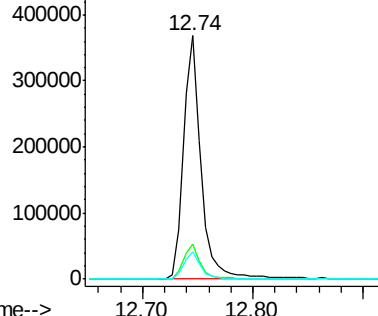
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.2	9.3	13.9

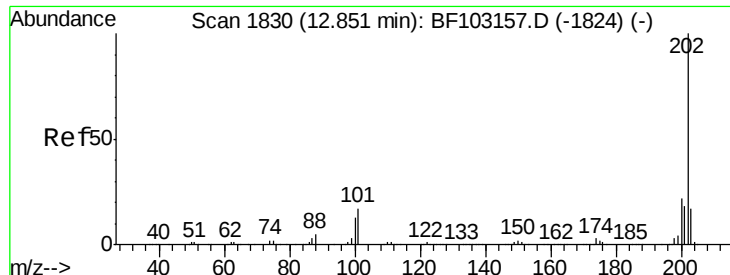


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





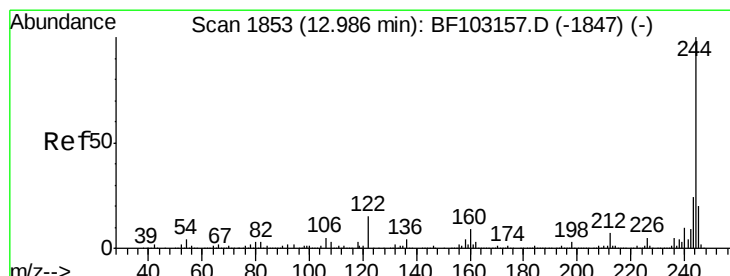
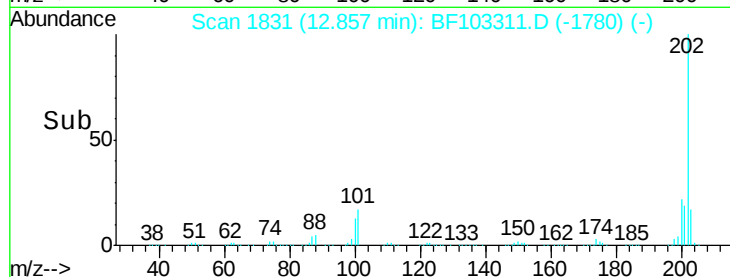
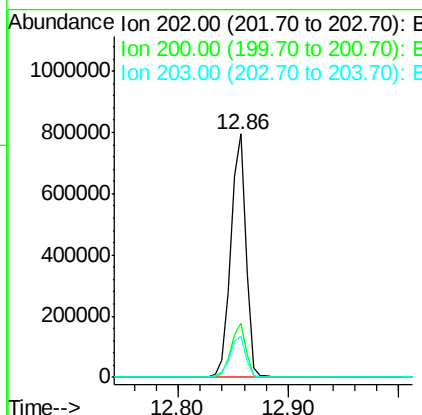
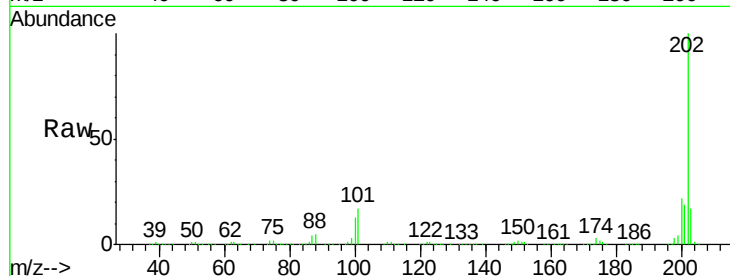
#77
Pvrene
Concen: 41.142 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	17.2	14.3	21.5

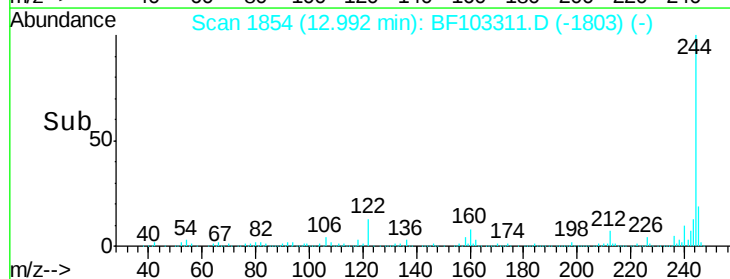
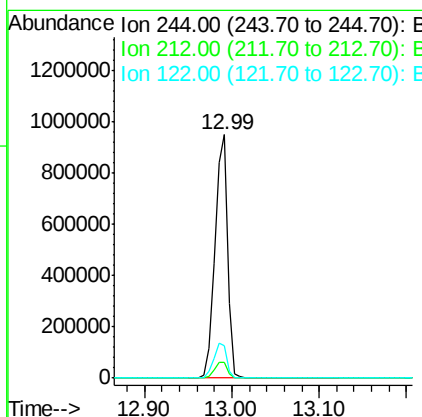
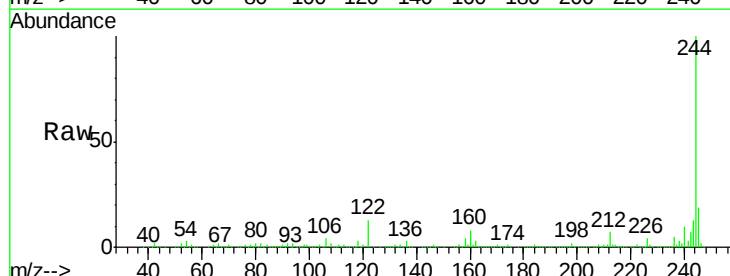
Manual Integrations
APPROVED

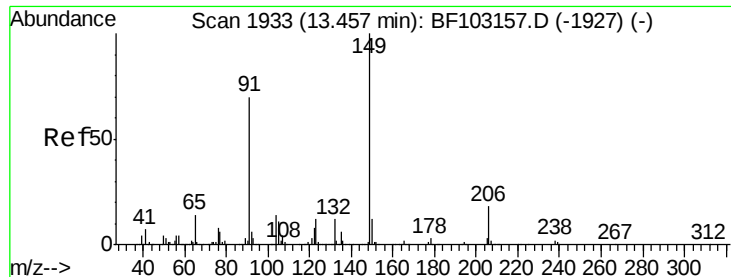
Sohil
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#78
Terphenyl-d14
Concen: 94.848 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4





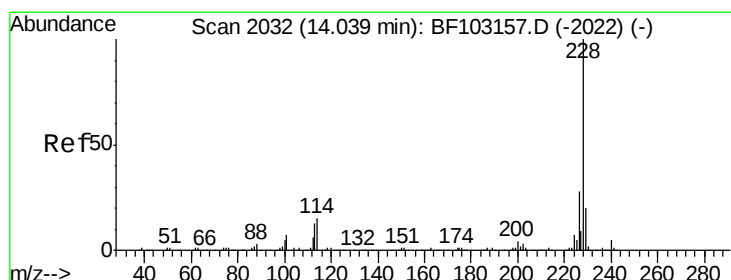
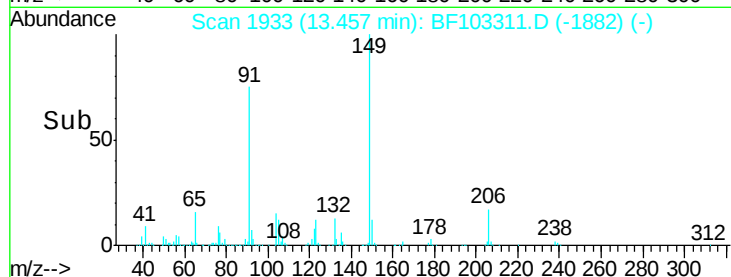
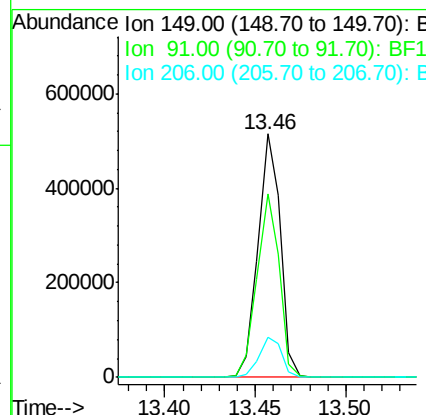
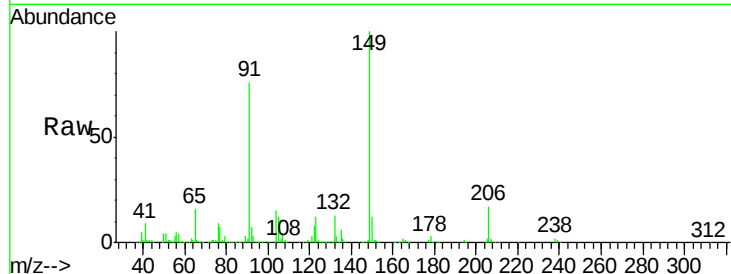
#79
Butylbenzylphthalate
Concen: 44.572 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.6	56.8	85.2
206	16.7	14.1	21.1

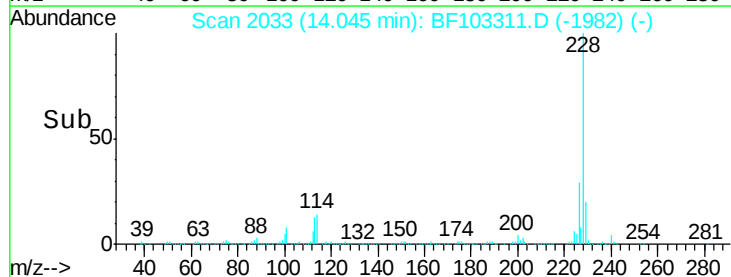
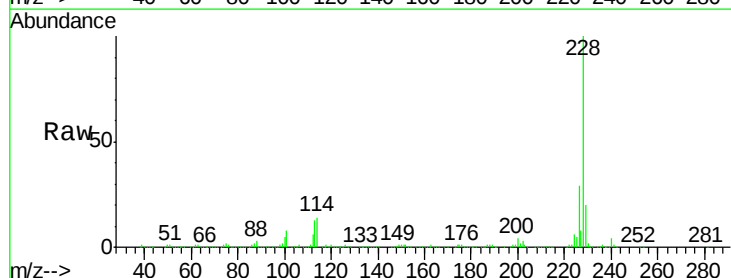
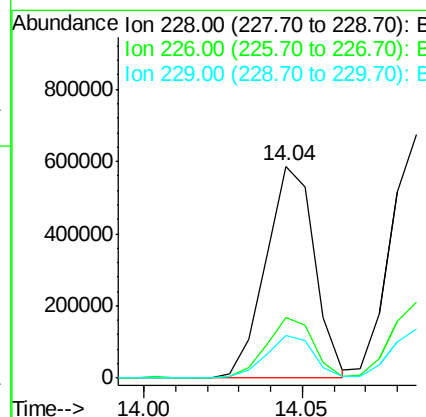
Manual Integrations
APPROVED

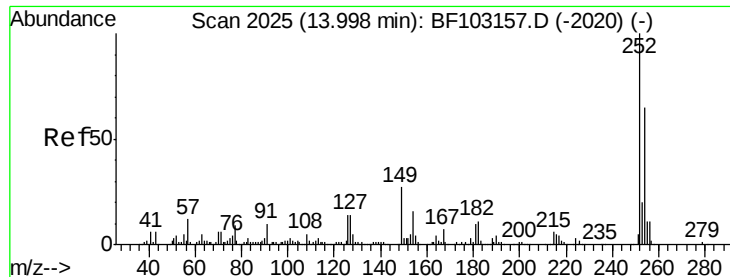
Sohil
3/1/2018 11:43:31 AM



#80
Benzo(a)anthracene
Concen: 40.211 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.4	15.8	23.6





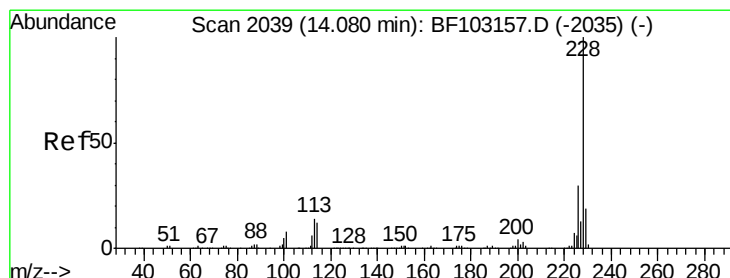
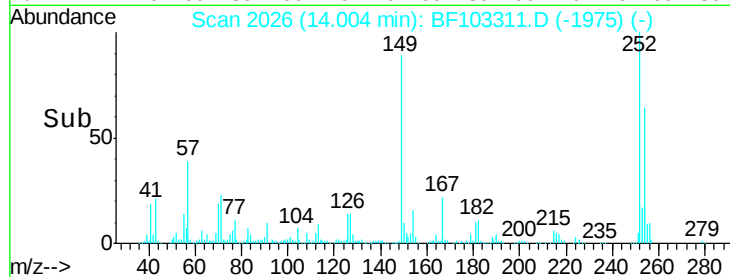
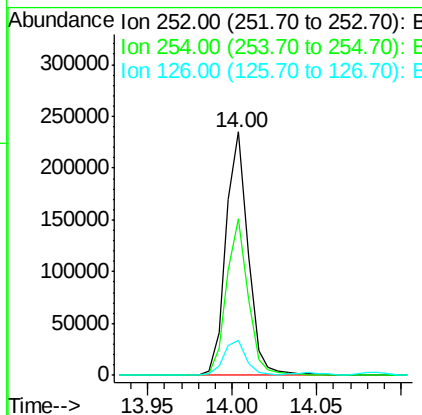
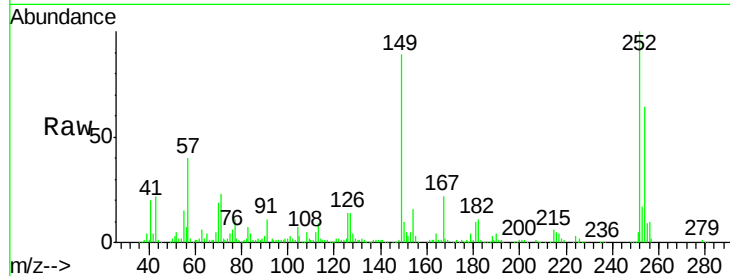
#81
 3,3'-Dichlorobenzidine
 Concen: 38.608 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion:	252	Resp:	215397
Ion Ratio		Lower	Upper
252	100		
254	64.4	50.4	75.6
126	14.2	11.3	16.9

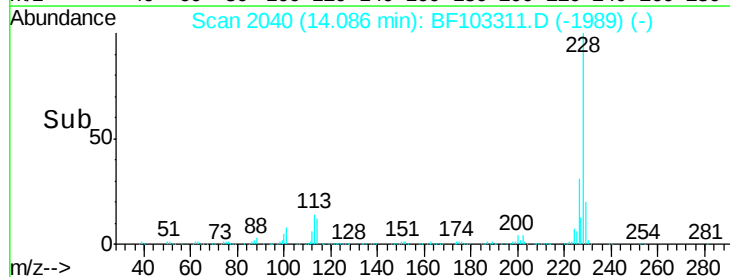
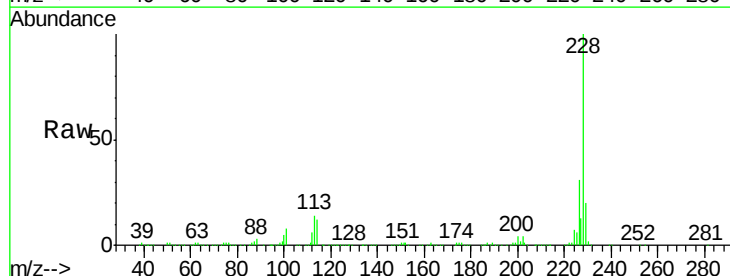
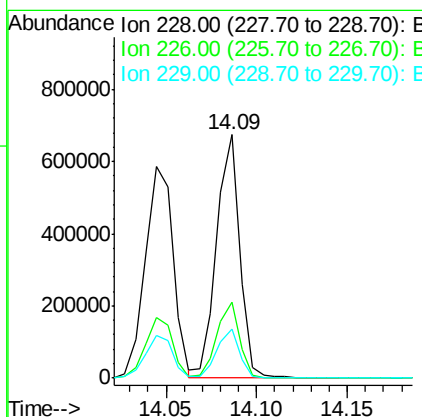
Manual Integrations
 APPROVED

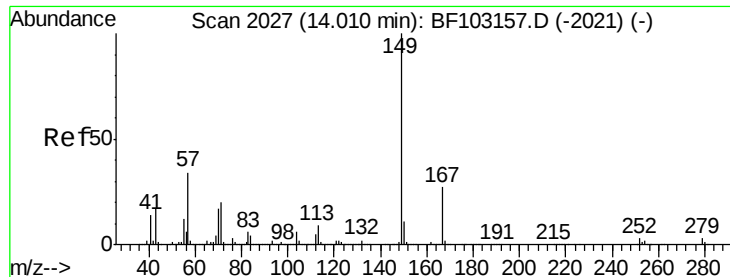
Sohil
 3/1/2018 11:43:31 AM



#82
 Chrysene
 Concen: 39.461 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion:	228	Resp:	599001
Ion Ratio		Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.142 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Instrument :

BNA_F

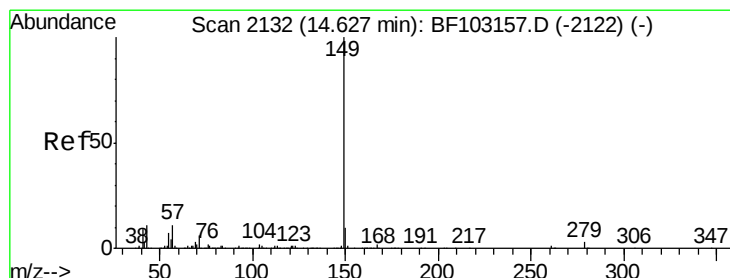
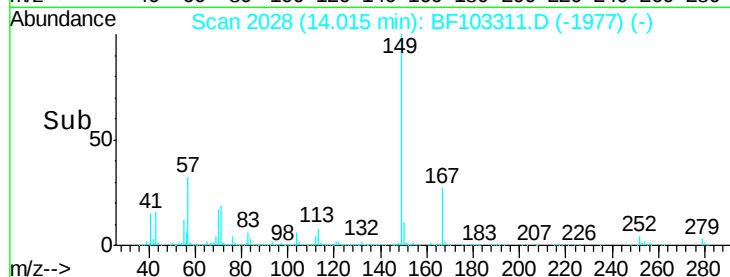
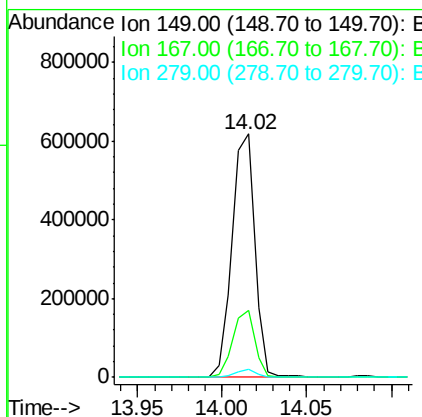
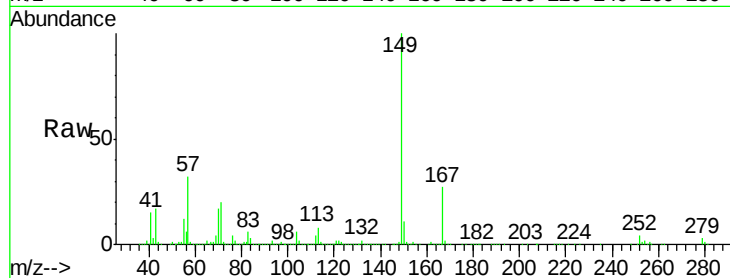
ClientSampleId :

RO-222-226MSD

Tot Ion:	149	Resp:	577824
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.3	31.9
279	3.2	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.413 ng

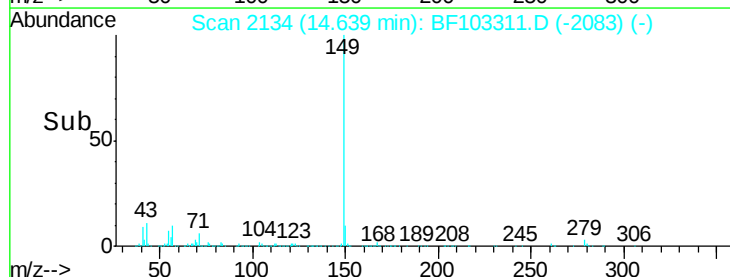
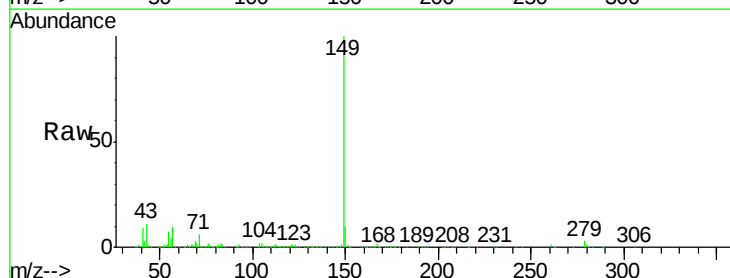
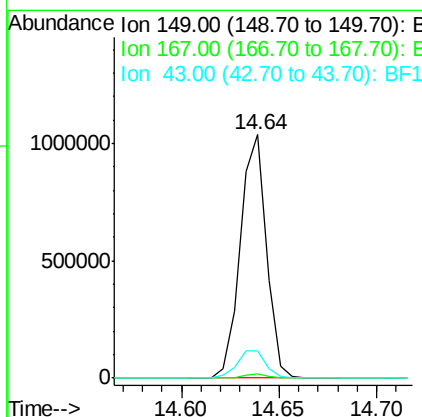
RT: 14.64 min Scan# 2134

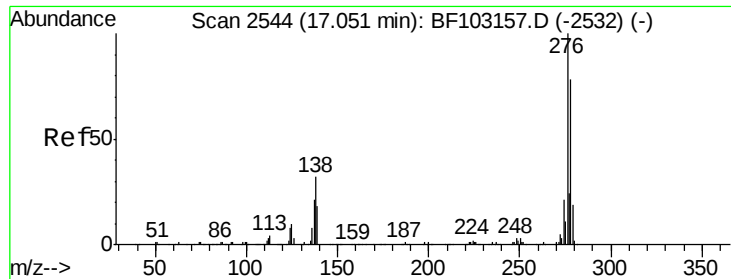
Delta R.T. -0.00 min

Lab File: BF103311.D

Acq: 28 Feb 2018 23:24

Tgt Ion:	149	Resp:	961083
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	11.8	8.4	12.6





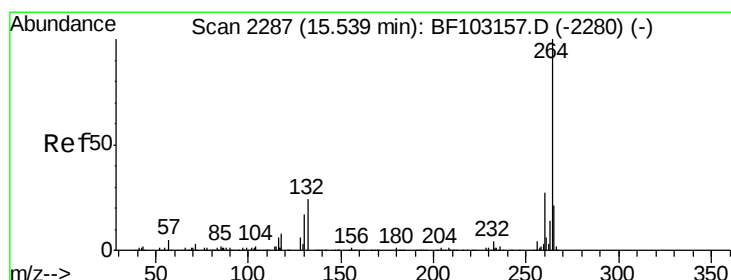
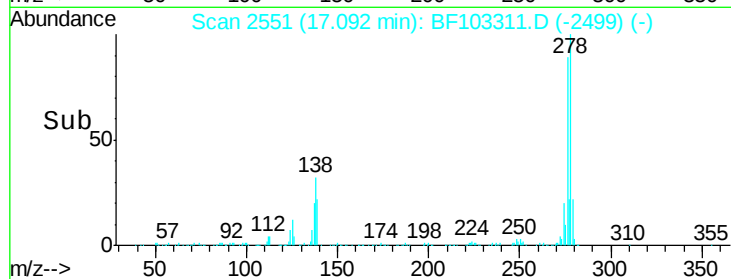
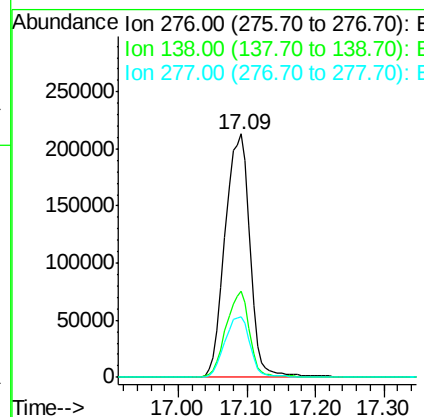
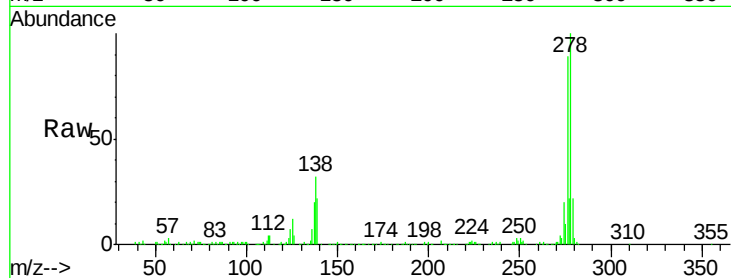
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.872 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.3	20.1	30.1

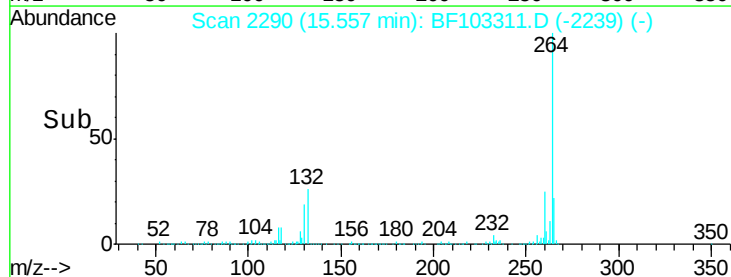
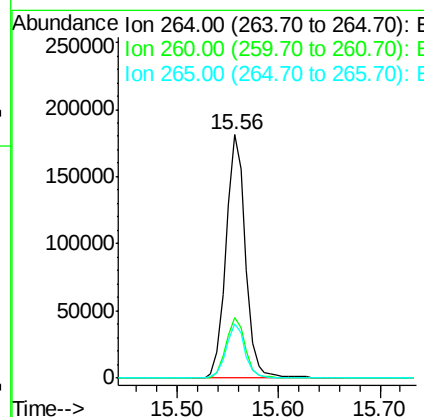
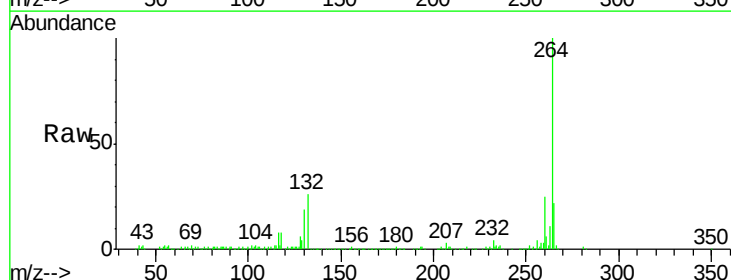
Manual Integrations
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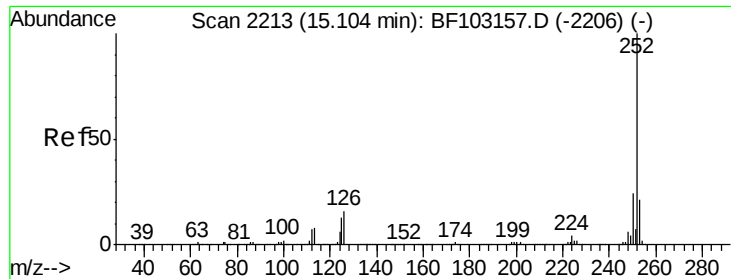
Sohil
 3/1/2018 11:43:31 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3





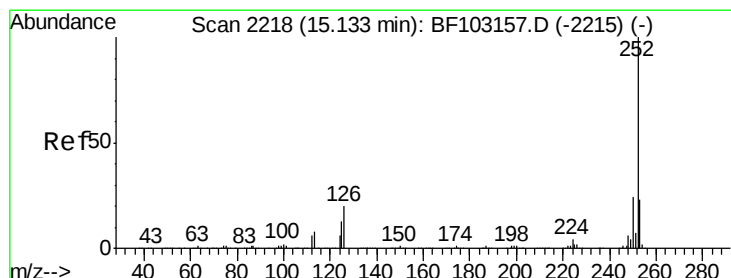
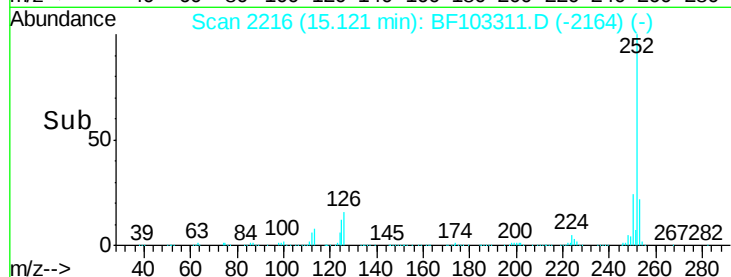
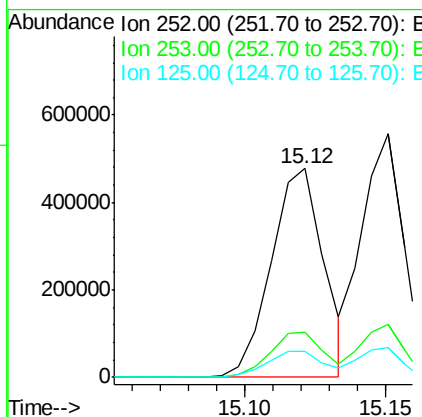
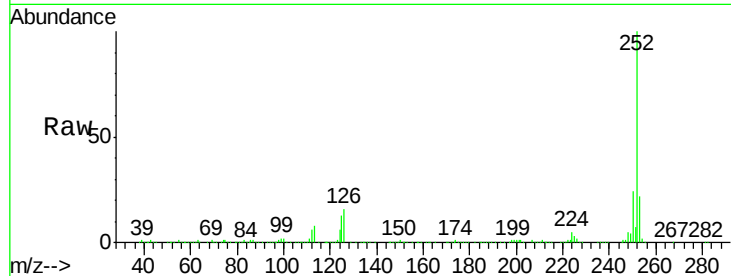
#87
Benzo(b)fluoranthene
Concen: 38.837 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.6	9.0	13.6

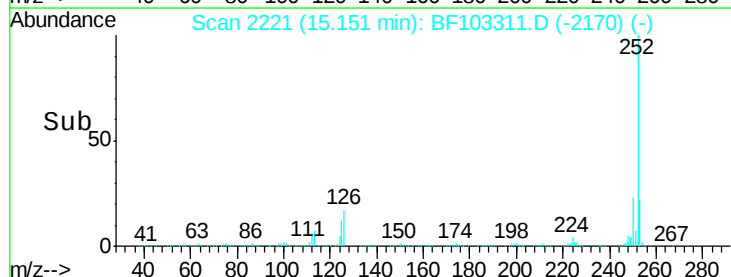
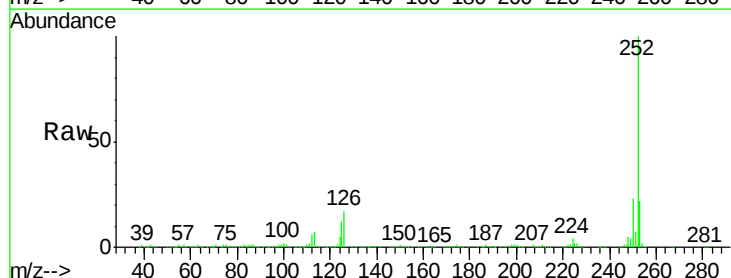
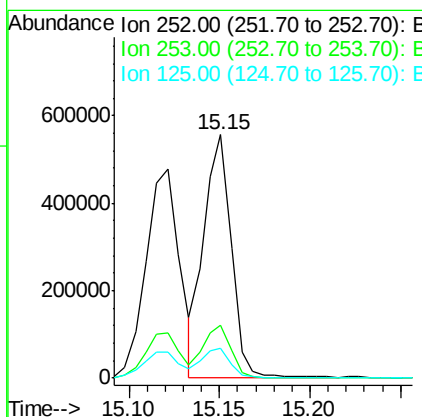
Manual Integrations
APPROVED

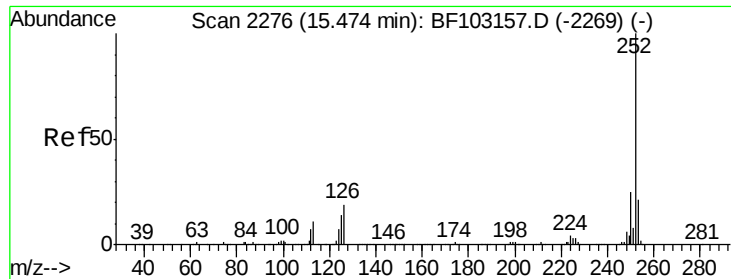
Sohil
3/1/2018 11:43:31 AM



#88
Benzo(k)fluoranthene
Concen: 38.957 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.4	10.2	15.2





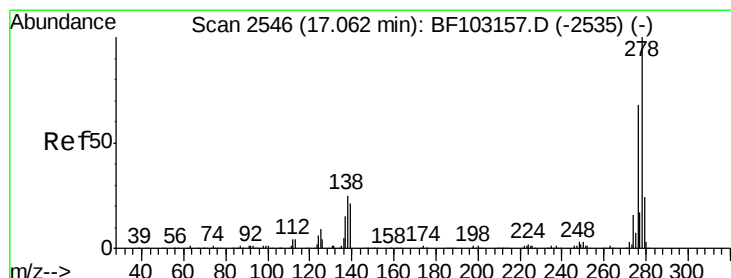
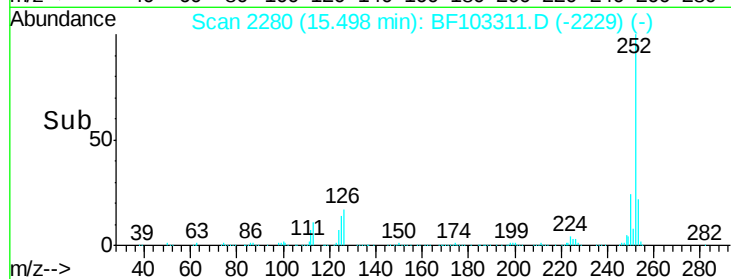
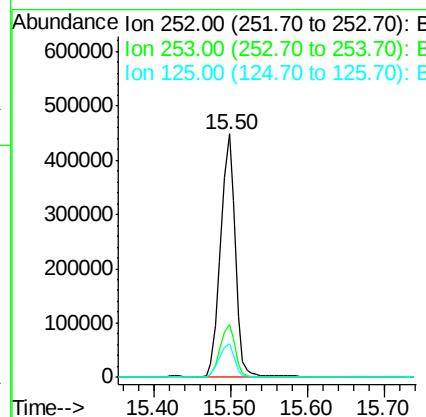
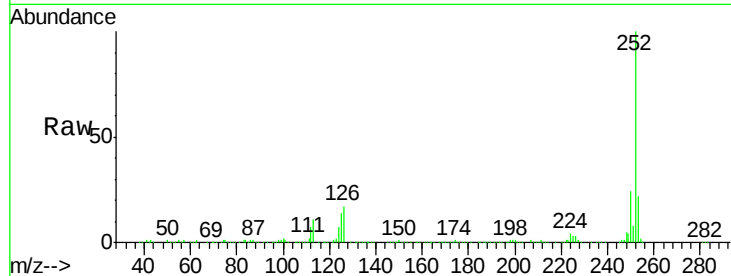
#89
Benzo(a)pyrene
Concen: 41.762 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.7	9.8	14.6

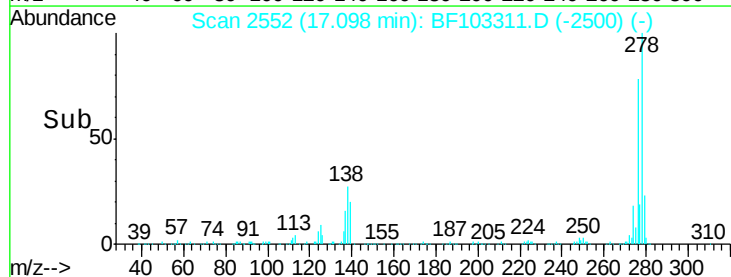
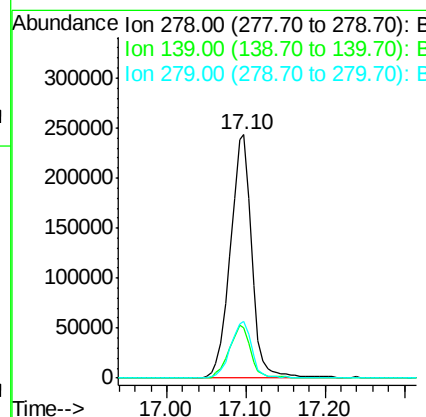
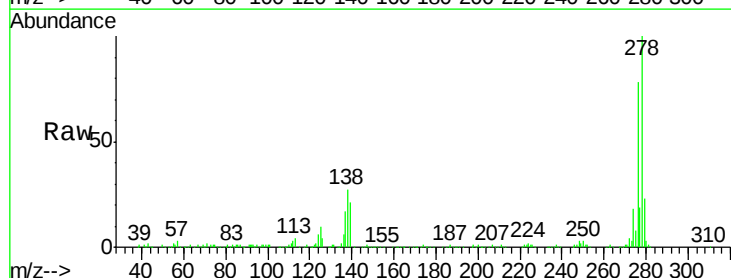
Manual Integrations
APPROVED

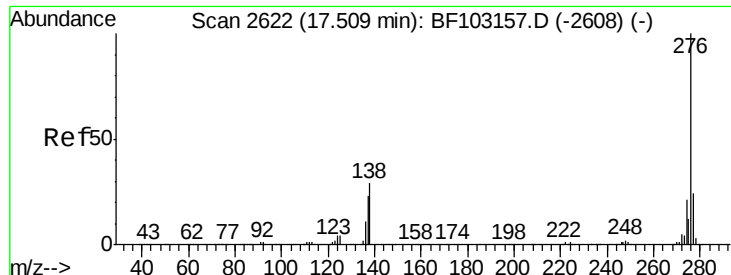
Sohil
3/1/2018 11:43:31 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.620 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103311.D
Acq: 28 Feb 2018 23:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.987 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF103311.D
 Acq: 28 Feb 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 RO-222-226MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	28.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:43:31 AM

