

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103161.D
 Acq On : 22 Feb 2018 14:46
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Manual Integrations
 APPROVED

Sohil
 2/23/2018 10:20:35 AM

Quant Time: Feb 23 02:46:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160212	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	657949	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	296195	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	507506	20.00	ng	0.00
75) Chrysene-d12	14.05	240	361788	20.00	ng	0.00
86) Perylene-d12	15.54	264	337636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	848769	80.13	ng	0.00
7) Phenol-d6	6.50	99	1019485	78.65	ng	0.00
23) Nitrobenzene-d5	7.44	82	948791	82.35	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	207389	82.72	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1407769	80.94	ng	0.00
78) Terphenyl-d14	12.99	244	1192365	79.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	234370	41.890	ng	93
3) Pyridine	3.41	79	625674	41.889	ng	95
4) n-Nitrosodimethylamine	3.36	42	255901	42.481	ng	98
6) Aniline	6.54	93	756540	40.441	ng	95
8) 2-Chlorophenol	6.66	128	439368	39.927	ng	95
9) Benzaldehyde	6.43	77	313062	39.626	ng	98
10) Phenol	6.52	94	614091	40.810	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	466242	40.824	ng	94
12) 1,3-Dichlorobenzene	6.81	146	507306	40.341	ng	97
13) 1,4-Dichlorobenzene	6.89	146	505154	40.066	ng	99
14) 1,2-Dichlorobenzene	7.05	146	459445	39.520	ng	98
15) Benzyl Alcohol	7.02	79	393525	40.289	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	806184	41.107	ng	99
17) 2-Methylphenol	7.12	107	398215	39.820	ng	98
18) Hexachloroethane	7.38	117	186242	40.577	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	308958	38.298	ng	98
20) 3+4-Methylphenols	7.28	107	464493	38.103	ng	# 70
22) Acetophenone	7.29	105	603879	39.321	ng	# 97
24) Nitrobenzene	7.46	77	527079	41.552	ng	98
25) Isophorone	7.69	82	910531	40.128	ng	98
26) 2-Nitrophenol	7.77	139	261351	43.767	ng	95
27) 2,4-Dimethylphenol	7.80	122	363291	39.801	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	544377	40.805	ng	99
29) 2,4-Dichlorophenol	8.02	162	359609	41.151	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	380350	40.872	ng	99
31) Naphthalene	8.18	128	1293785	40.165	ng	100
32) Benzoic acid	7.94	122	247086	38.146	ng	97
33) 4-Chloroaniline	8.23	127	559955	40.284	ng	98
34) Hexachlorobutadiene	8.29	225	197171	40.688	ng	98
35) Caprolactam	8.60	113	131680	42.874	ng	# 75
36) 4-Chloro-3-methylphenol	8.71	107	397805	40.359	ng	98
37) 2-Methylnaphthalene	8.87	142	837715	40.240	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	338946	41.859	ng	99
40) Hexachlorocyclopentadiene	9.02	237	102430	40.785	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	229979	42.209	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	260899	41.633	ng	97
45) 1,1'-Biphenyl	9.33	154	991143	39.934	ng	99
46) 2-Chloronaphthalene	9.36	162	795758	40.526	ng	97
47) 2-Nitroaniline	9.46	65	303500	41.727	ng	88
48) Acenaphthylene	9.77	152	1217700	40.306	ng	99
49) Dimethylphthalate	9.63	163	956987	40.275	ng	100
50) 2,6-Dinitrotoluene	9.70	165	211426	42.401	ng	94
51) Acenaphthene	9.94	154	700915	39.787	ng	99
52) 3-Nitroaniline	9.87	138	264378	41.790	ng	98
53) 2,4-Dinitrophenol	9.98	184	64193	40.975	ng	# 18
54) Dibenzofuran	10.12	168	996018	41.186	ng	98
55) 4-Nitrophenol	10.03	139	163627	41.732	ng	96
56) 2,4-Dinitrotoluene	10.10	165	269970	42.809	ng	92
57) Fluorene	10.46	166	783699	38.042	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	175087	41.591	ng	97
59) Diethylphthalate	10.33	149	915493	40.285	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	348941	39.942	ng	98
61) 4-Nitroaniline	10.49	138	262341	41.517	ng	96
62) Azobenzene	10.61	77	943068	40.769	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	126330	41.641	ng	92
65) n-Nitrosodiphenylamine	10.57	169	714881	40.456	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	215481	40.759	ng	# 88
67) Hexachlorobenzene	11.01	284	239023	41.655	ng	100
68) Atrazine	11.10	200	211319	39.787	ng	97
69) Pentachlorophenol	11.20	266	116004	41.811	ng	96
70) Phenanthrene	11.43	178	1109359	39.720	ng	99
71) Anthracene	11.48	178	1144613	39.965	ng	99
72) Carbazole	11.63	167	1128305	39.561	ng	98
73) Di-n-butylphthalate	11.96	149	1453528	40.729	ng	99
74) Fluoranthene	12.62	202	1115444	39.743	ng	98
76) Benzidine	12.74	184	520558	38.487	ng	97
77) Pyrene	12.85	202	1139707	40.405	ng	100
79) Butylbenzylphthalate	13.46	149	615615	41.308	ng	99
80) Benzo(a)anthracene	14.04	228	962077	40.985	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	332707	39.715	ng	97
82) Chrysene	14.08	228	935949	41.063	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	830423	41.292	ng	# 99
84) Di-n-octyl phthalate	14.64	149	1348957	41.515	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	739392	40.976	ng	98
87) Benzo(b)fluoranthene	15.11	252	932728m	42.016	ng	
88) Benzo(k)fluoranthene	15.14	252	815051	38.990	ng	99
89) Benzo(a)pyrene	15.49	252	813574	41.040	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	624251	40.752	ng	99
91) Benzo(g,h,i)perylene	17.52	276	602499	40.244	ng	98

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

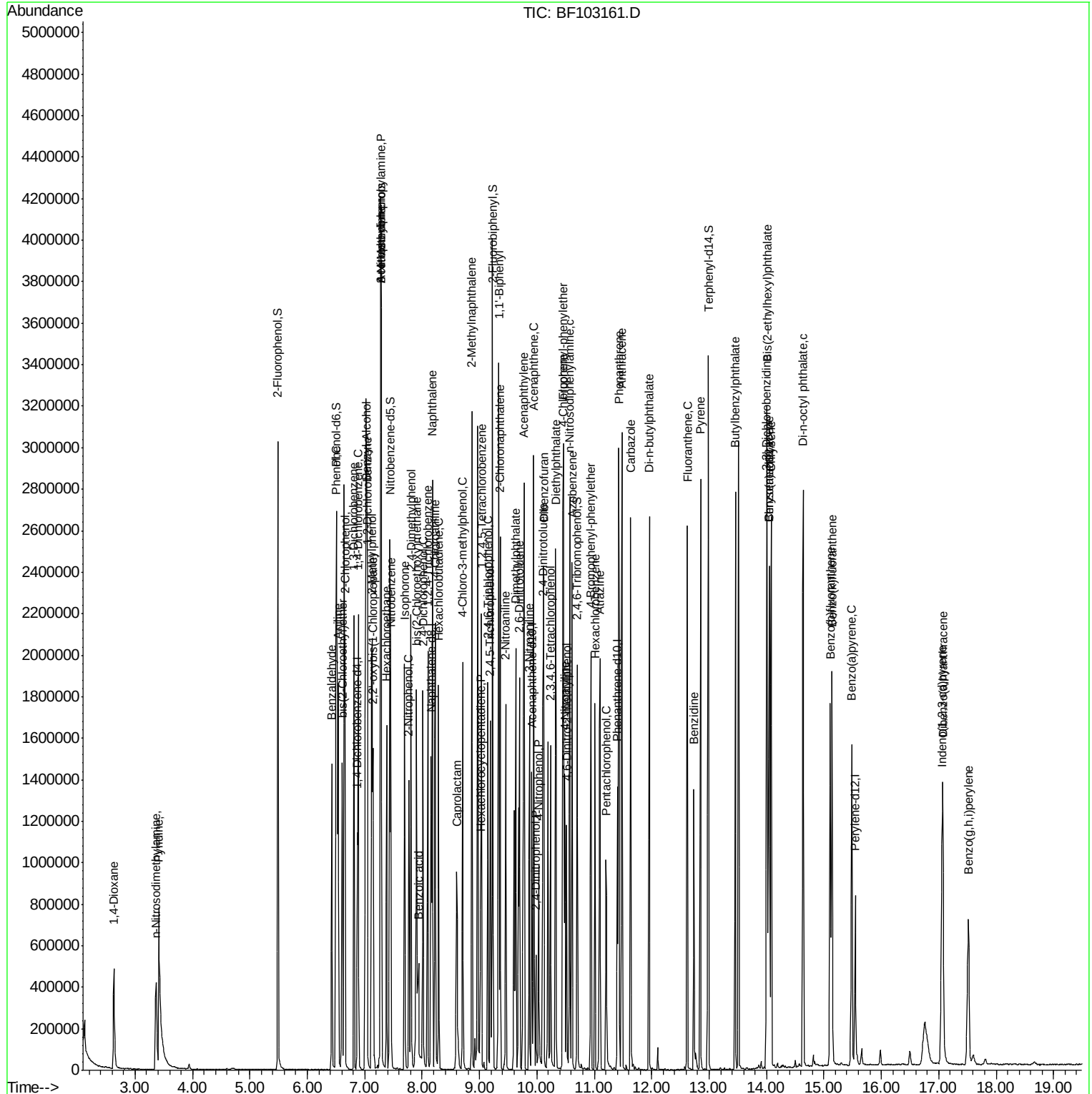
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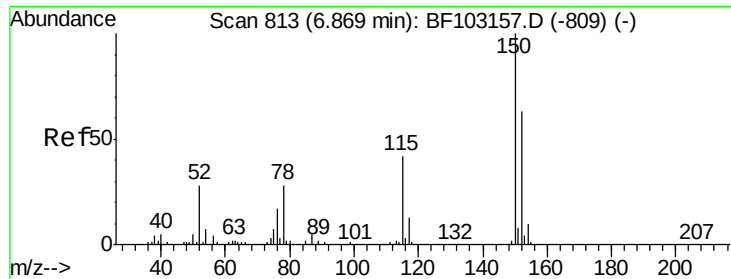
Instrument :
BNA_F
ClientSampled :
ICVBF022218

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#1

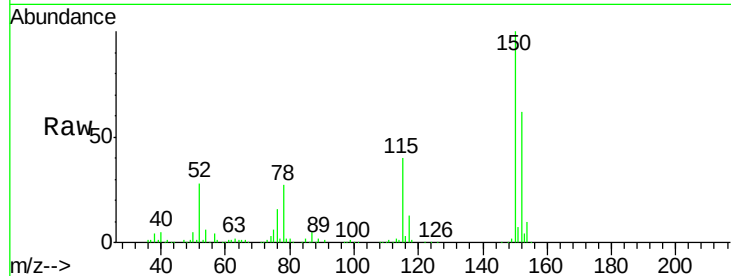
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

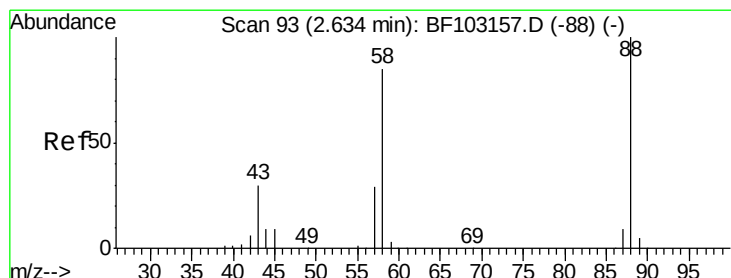
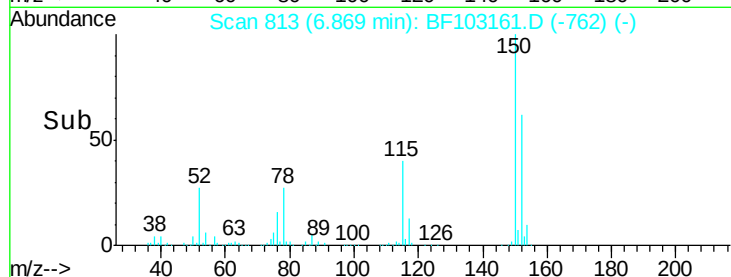
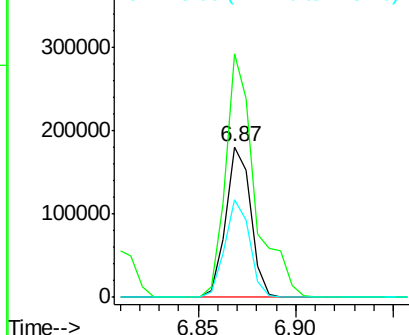
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	64.9	50.1	75.1

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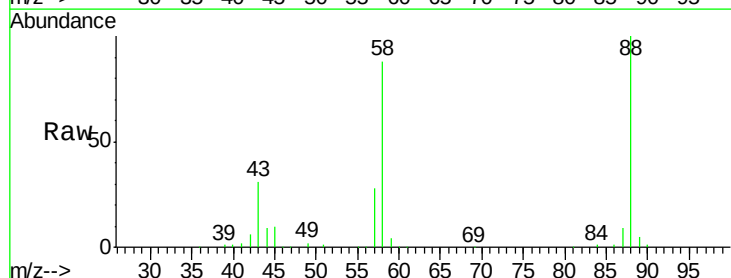
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



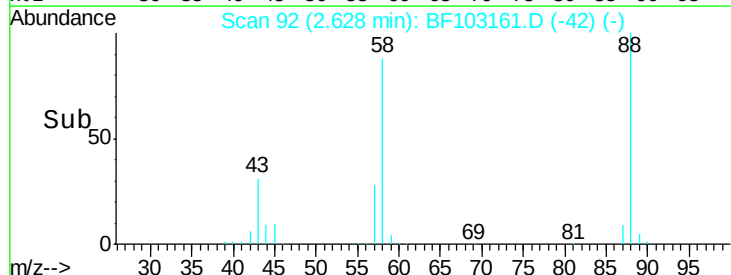
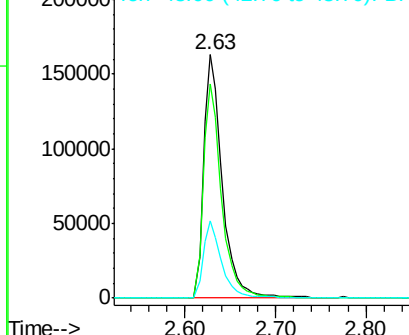
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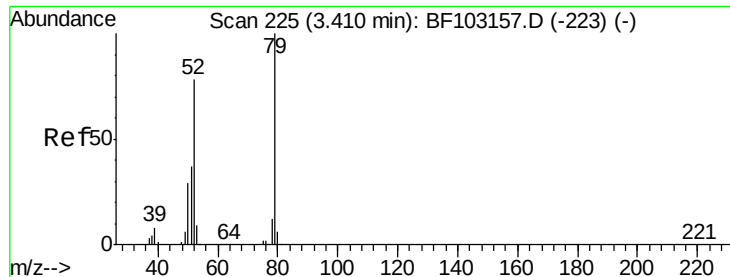
1,4-Dioxane
Concen: 41.890 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	62.6	93.8
43	30.8	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.889 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

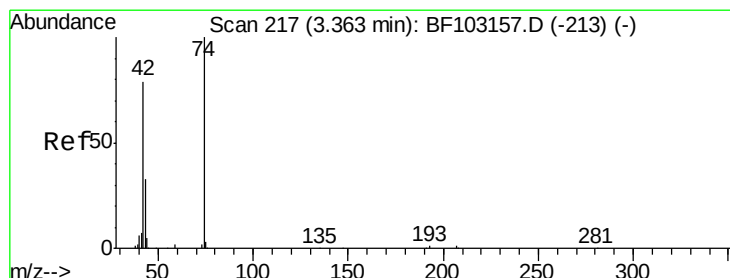
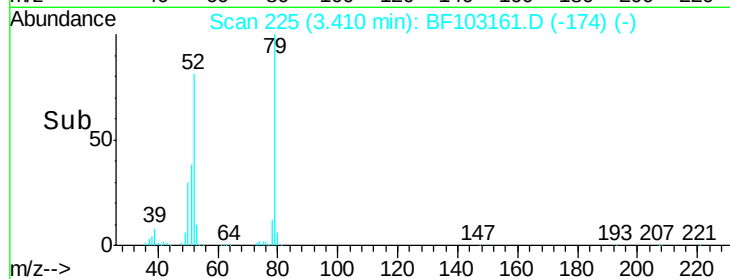
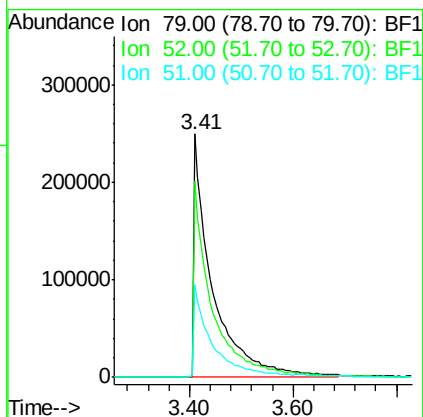
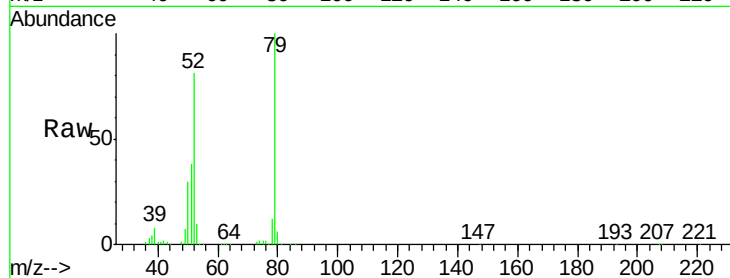
ClientSampleId :

ICVBF022218

Tot Ion:	79	Resp:	625674
Ion	Ratio	Lower	Upper
79	100		
52	80.8	59.8	89.6
51	38.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 42.481 ng

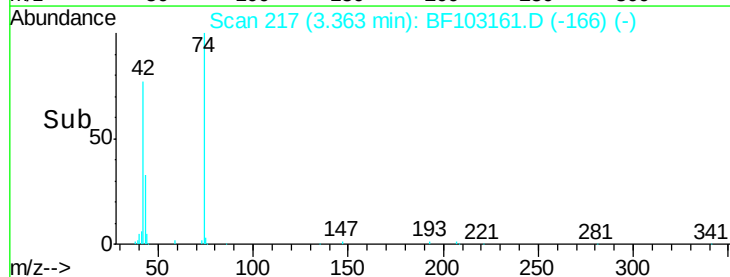
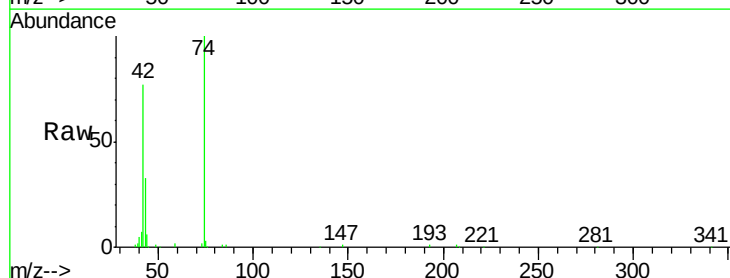
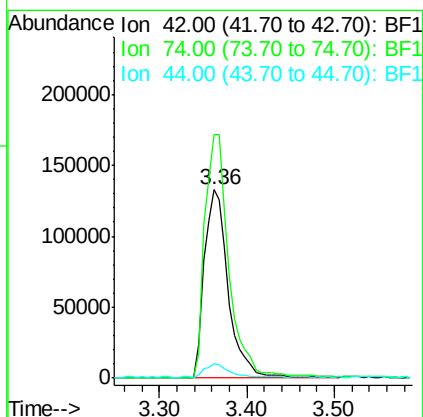
RT: 3.36 min Scan# 217

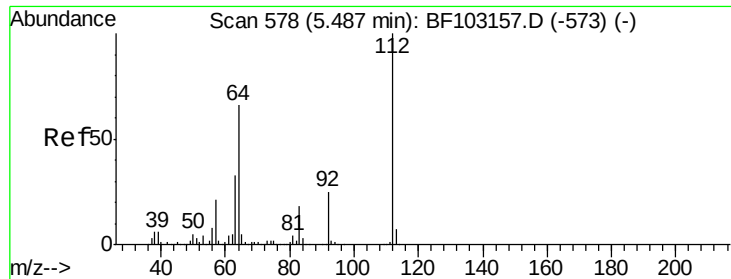
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	42	Resp:	255901
Ion	Ratio	Lower	Upper
42	100		
74	129.2	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 80.125 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

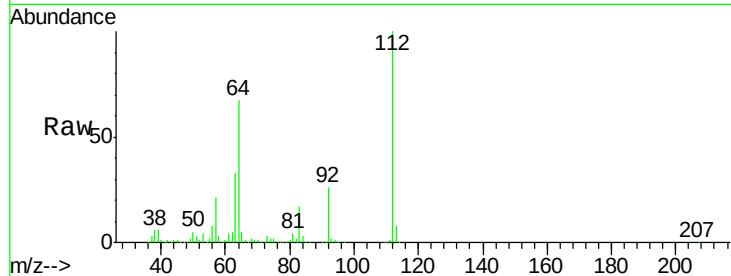
ClientSampleId :

ICVBF022218

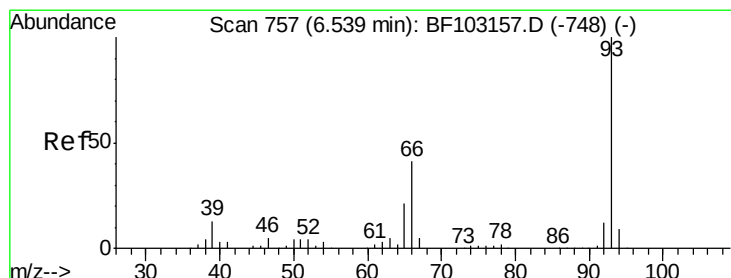
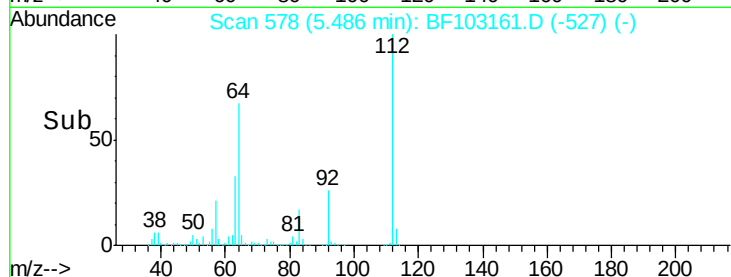
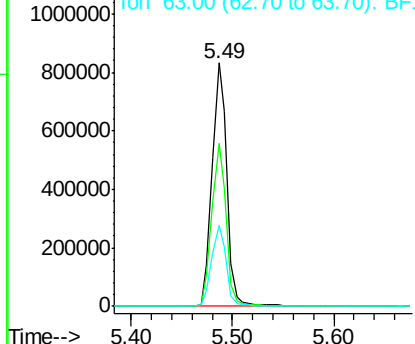
Tot Ion:	112	Resp:	848769
Ion Ratio	Lower	Upper	
112	100		
64	67.0	47.9	71.9
63	33.3	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.441 ng

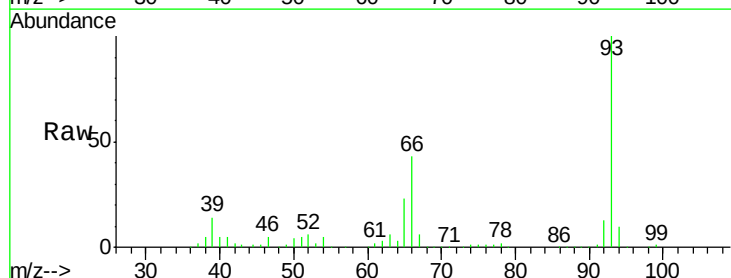
RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

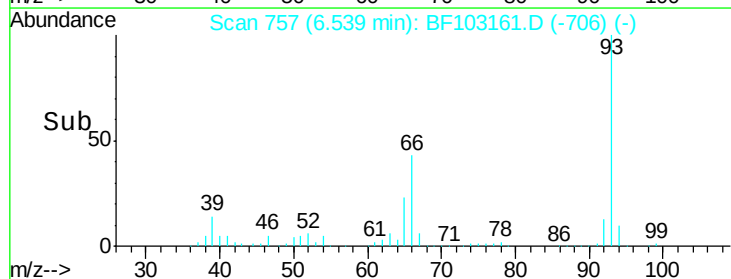
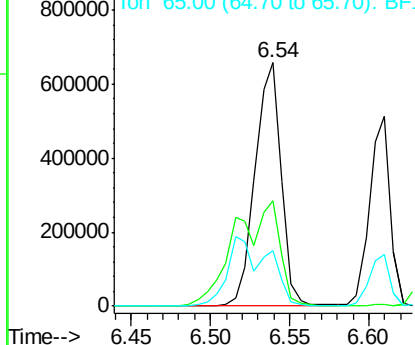
Lab File: BF103161.D

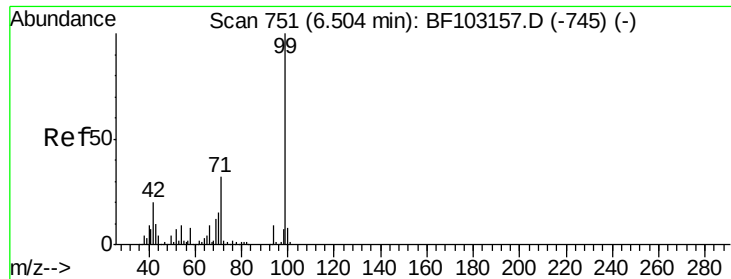
Acq: 22 Feb 2018 14:46

Tgt Ion:	93	Resp:	756540
Ion Ratio	Lower	Upper	
93	100		
66	43.3	32.2	48.2
65	23.0	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.651 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

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Tot Ion: 99 Resp: 1019485

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

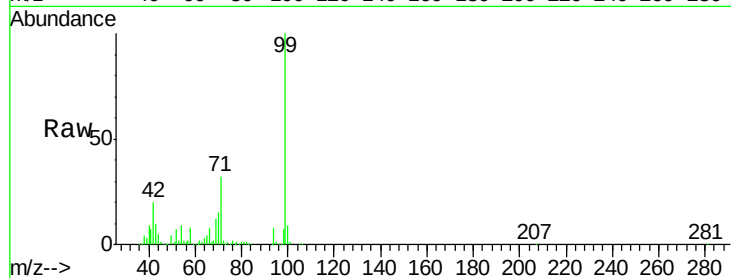
71 32.0 25.4 38.0

Manual Integrations

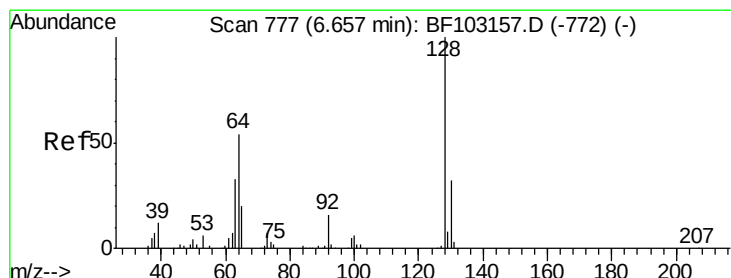
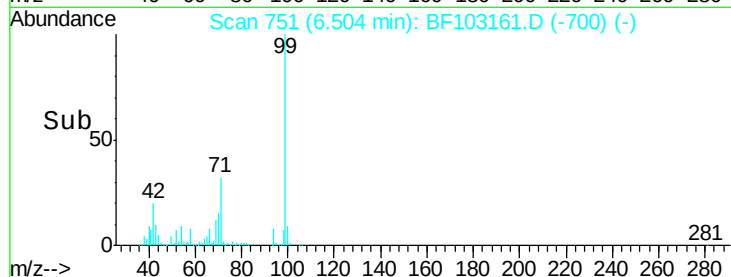
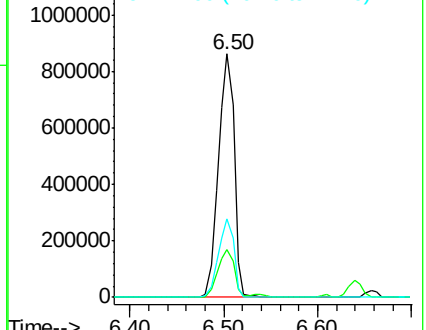
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.927 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

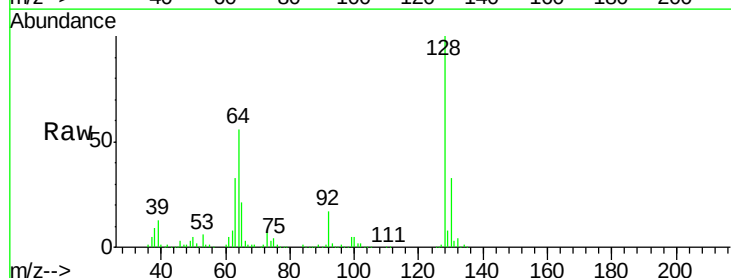
Tgt Ion: 128 Resp: 439368

Ion Ratio Lower Upper

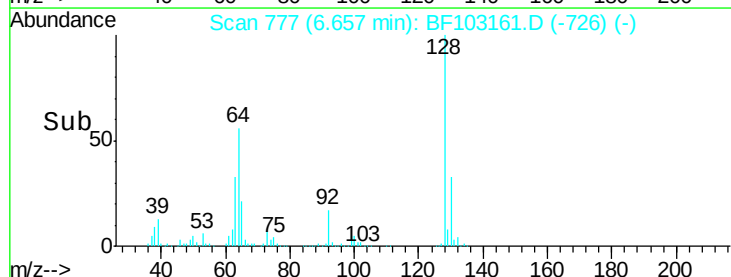
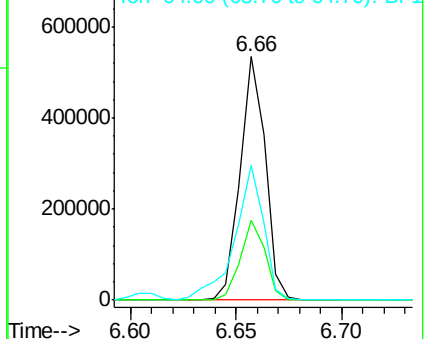
128 100

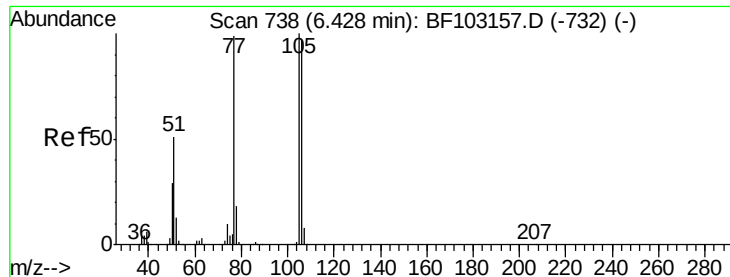
130 32.9 13.0 53.0

64 55.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 39.626 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

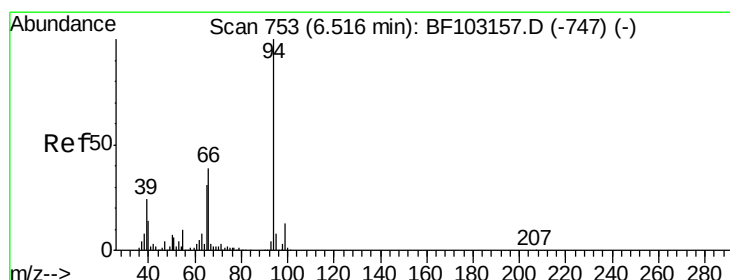
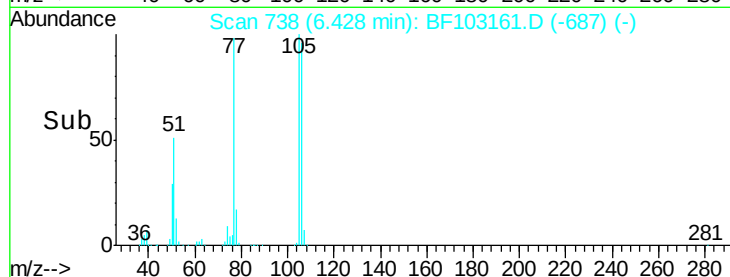
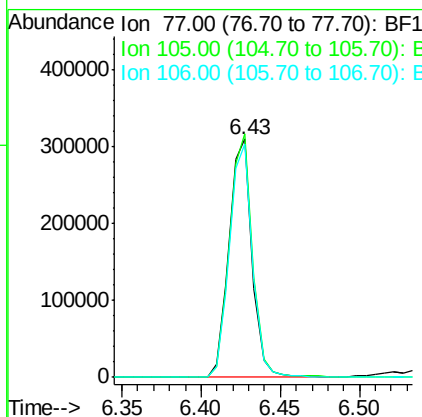
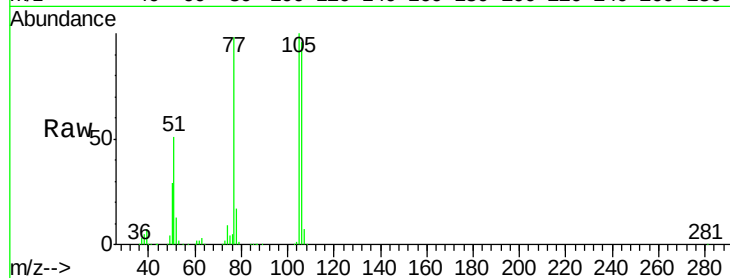
ClientSampleId :

ICVBF022218

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	102.2	81.1	121.1	
106	97.9	74.5	114.5	

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#10

Phenol

Concen: 40.810 ng

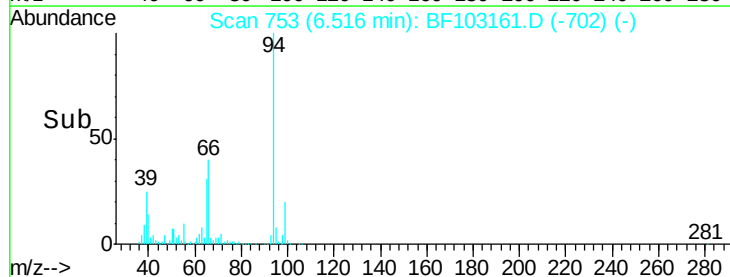
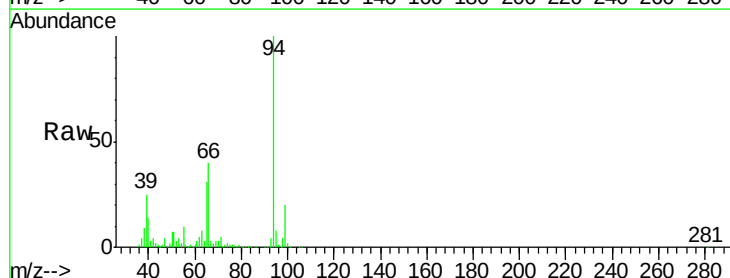
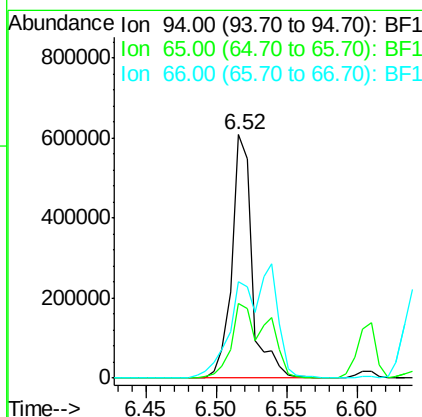
RT: 6.52 min Scan# 753

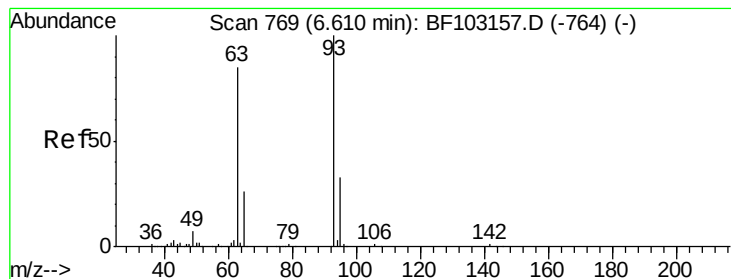
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	30.8	7.9	47.9	
66	39.7	16.2	56.2	





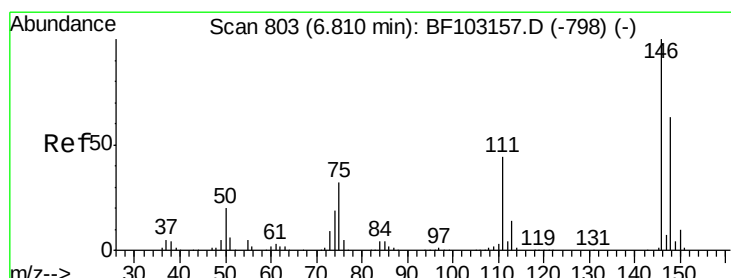
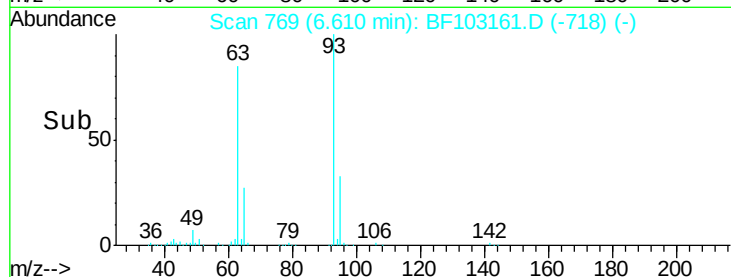
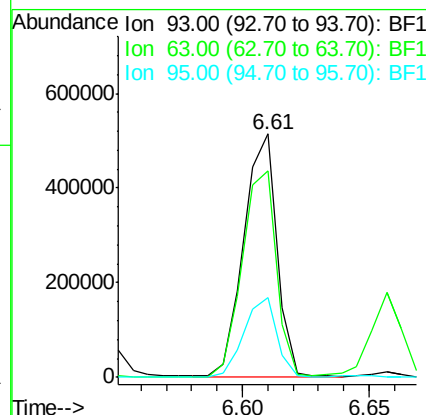
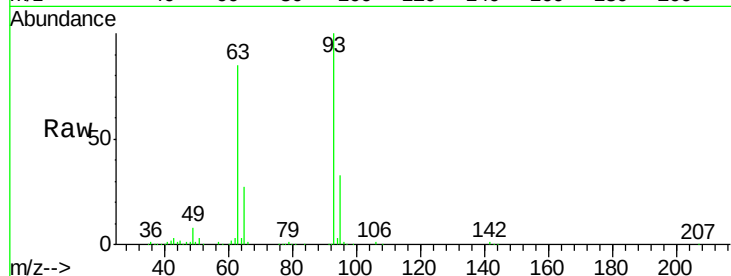
#11
bis(2-Chloroethyl)ether
Concen: 40.824 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	58.6	98.6
95	32.8	11.8	51.8

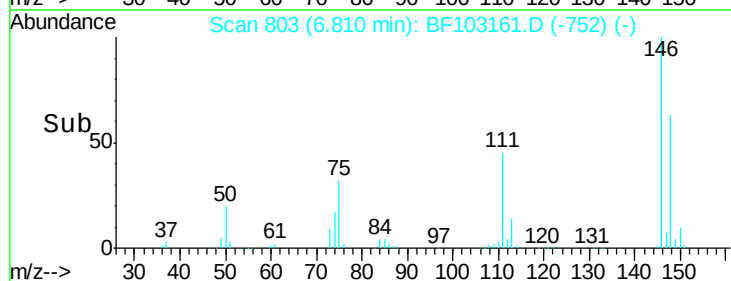
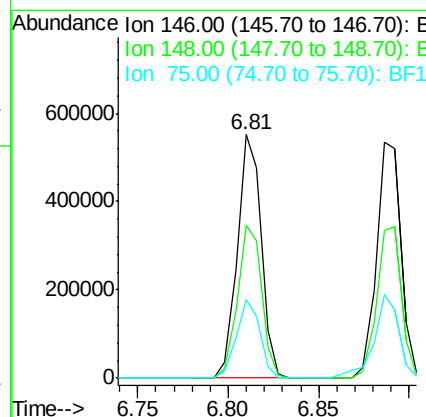
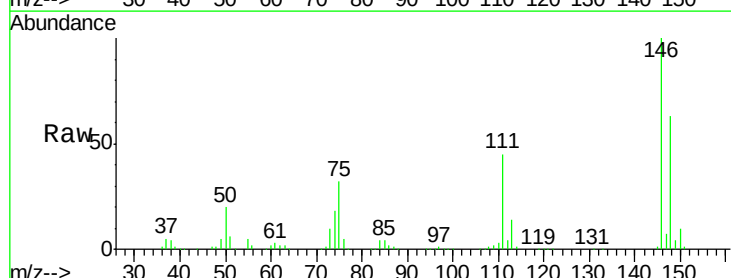
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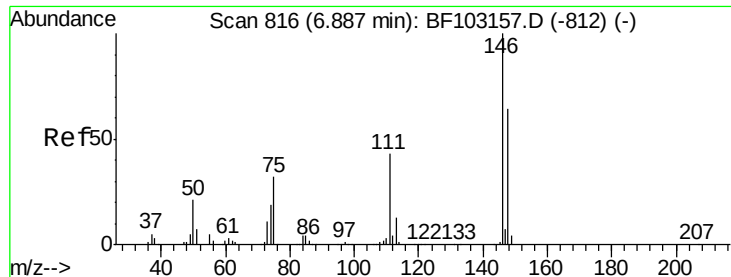
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#12
1,3-Dichlorobenzene
Concen: 40.341 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
75	32.2	24.2	36.4





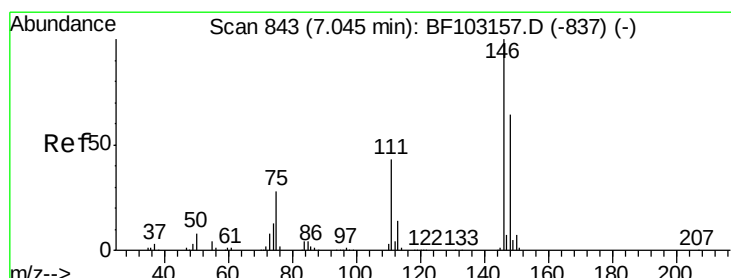
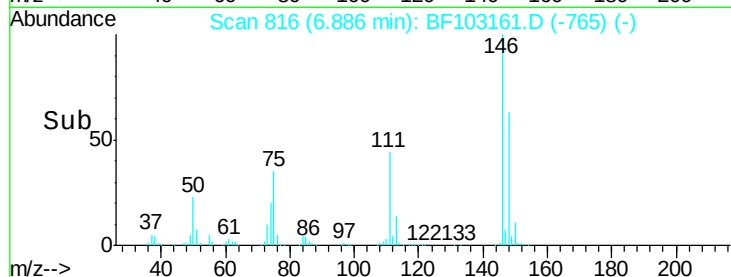
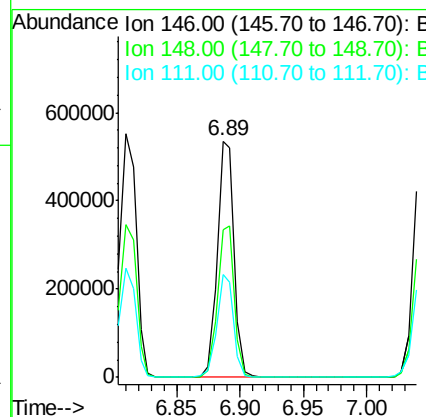
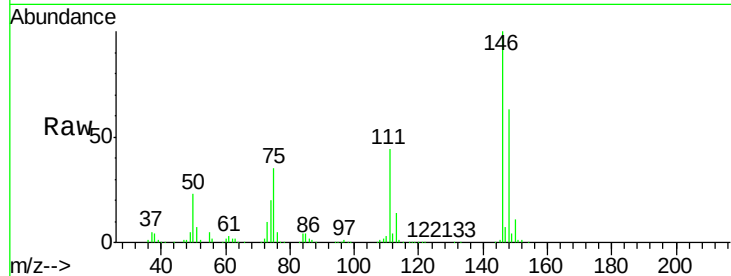
#13
 1,4-Dichlorobenzene
 Concen: 40.066 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	43.6	34.2	51.2

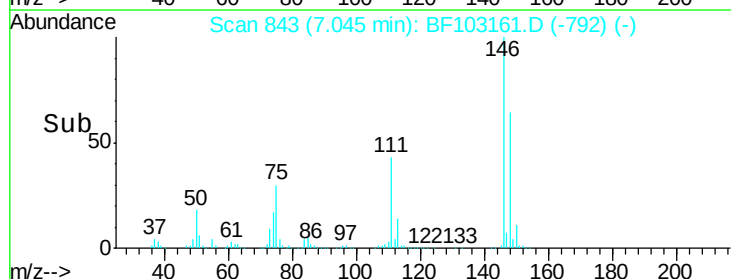
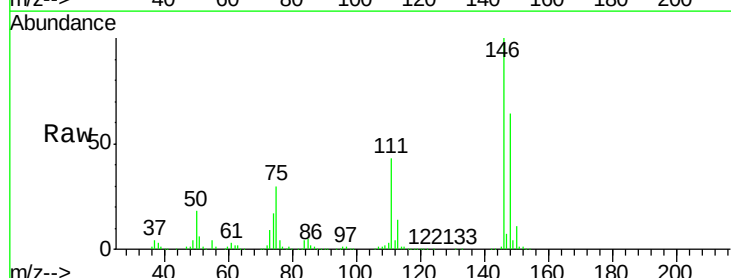
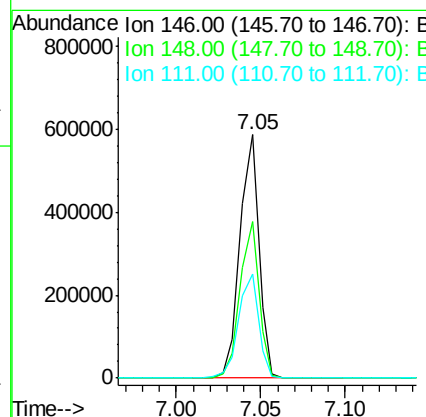
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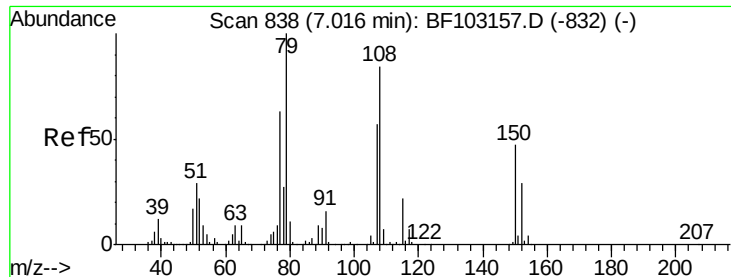
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.520 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.289 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

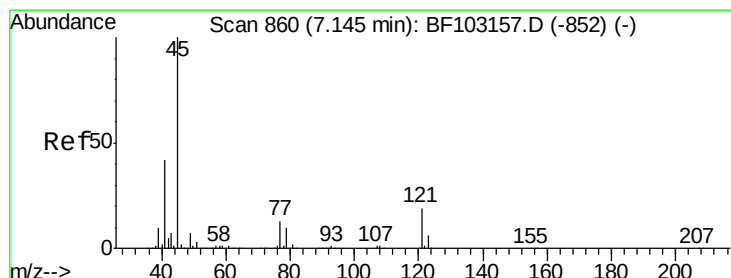
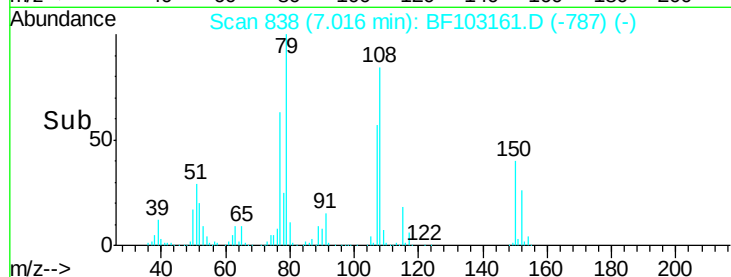
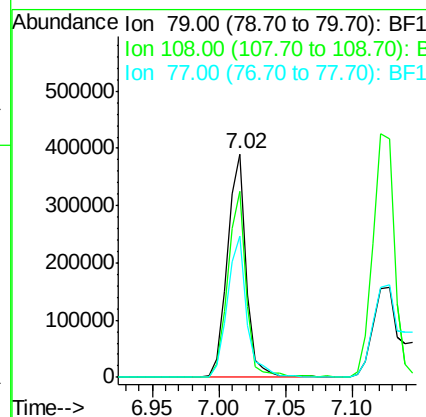
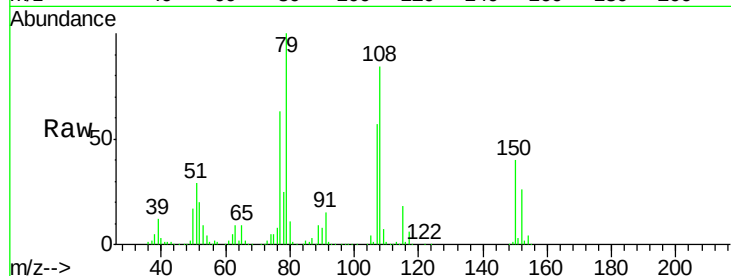
ClientSampleId :

ICVBF022218

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.1	97.7
77	63.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.107 ng

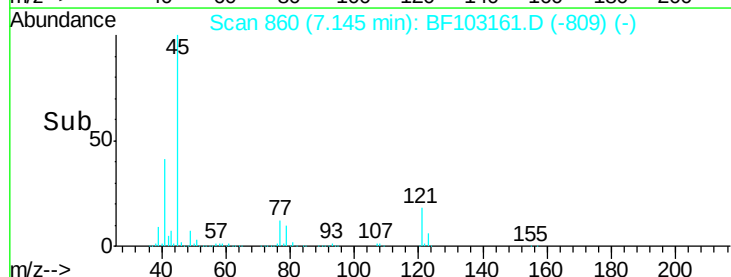
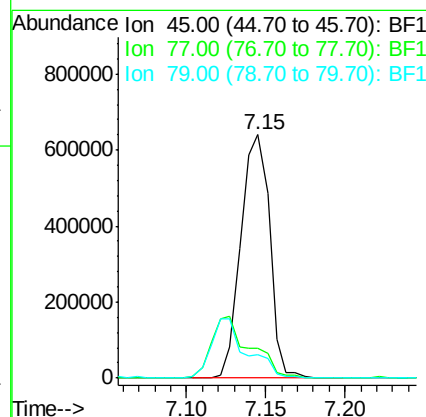
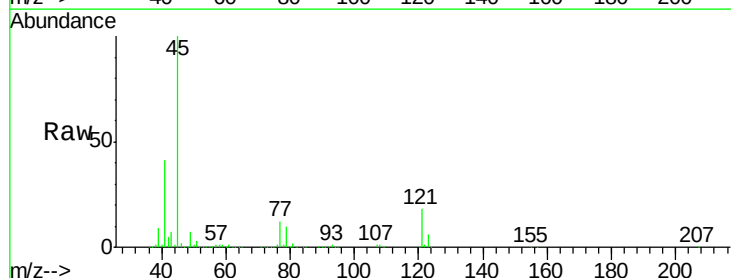
RT: 7.15 min Scan# 860

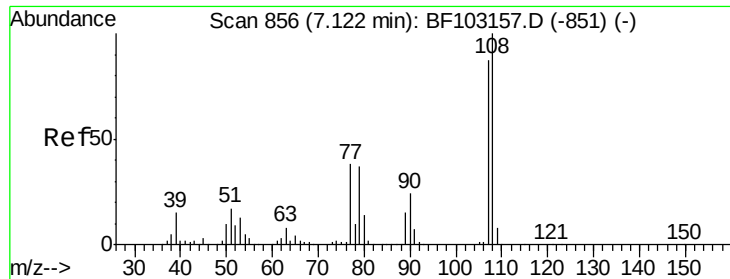
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.9
79	9.6	0.0	29.6





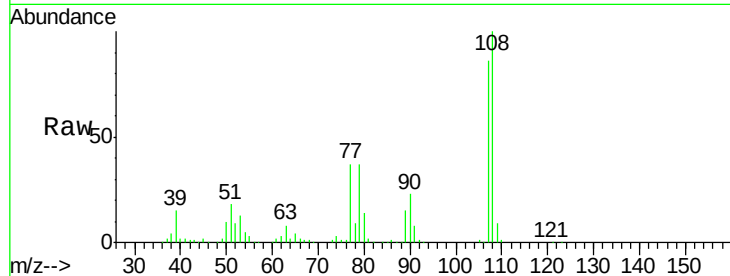
#17
2-Methylphenol
Concen: 39.820 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

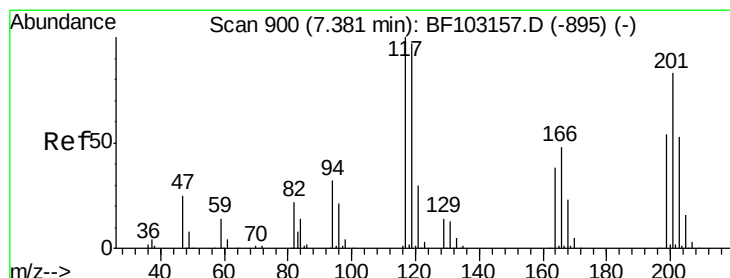
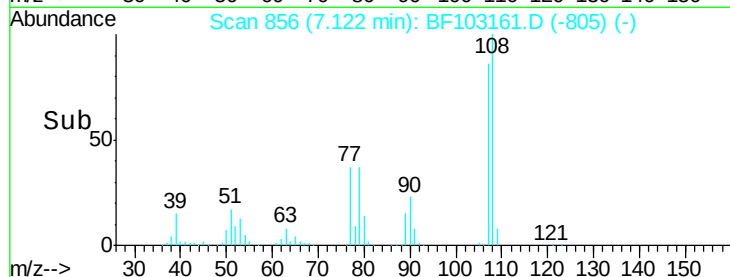
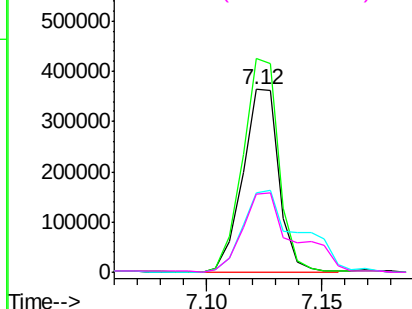
Tot Ion	107	Resp	398215
Ion Ratio	Lower	Upper	
107	100		
108	116.8	91.7	137.5
77	43.2	33.8	50.8
79	42.8	33.8	50.8

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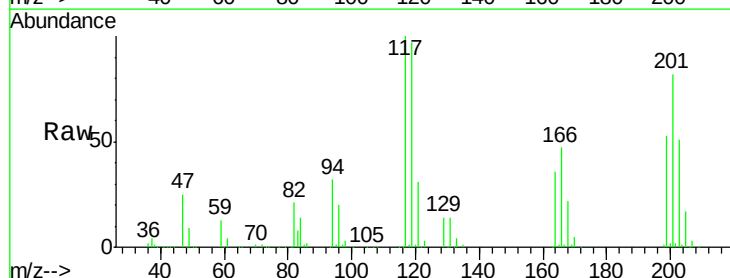


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

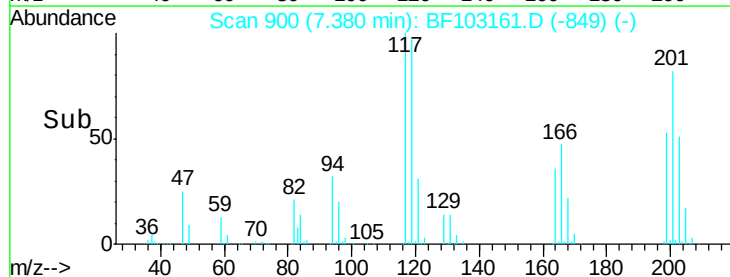
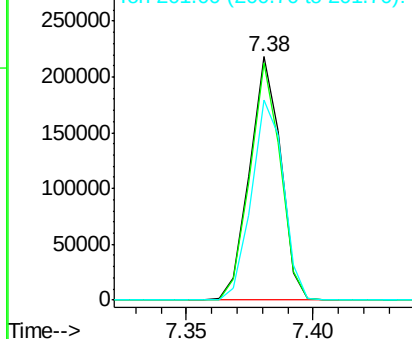


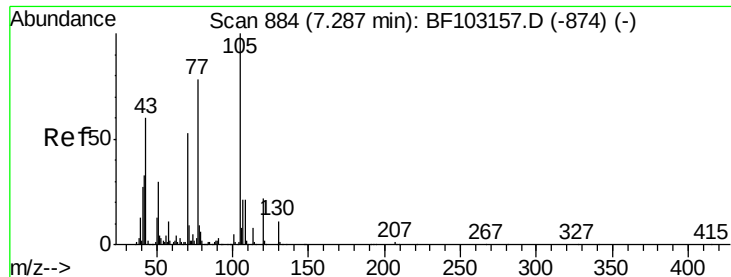
#18
Hexachloroethane
Concen: 40.577 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	117	Resp	186242
Ion Ratio	Lower	Upper	
117	100		
119	97.4	75.8	113.8
201	82.3	75.7	113.5



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





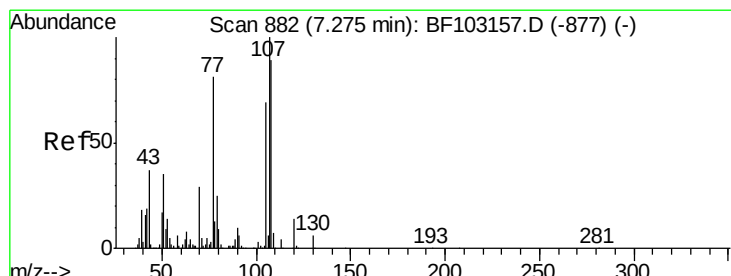
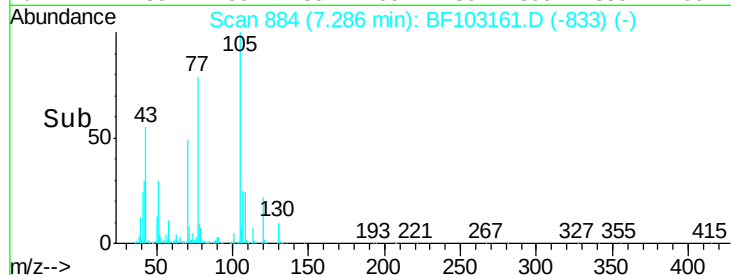
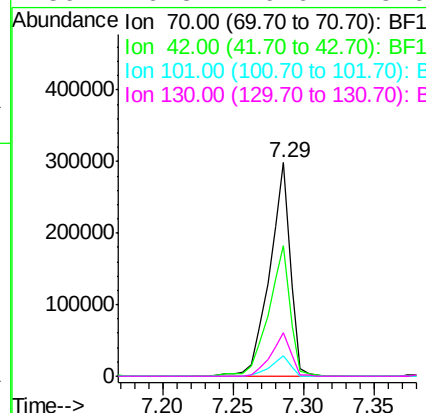
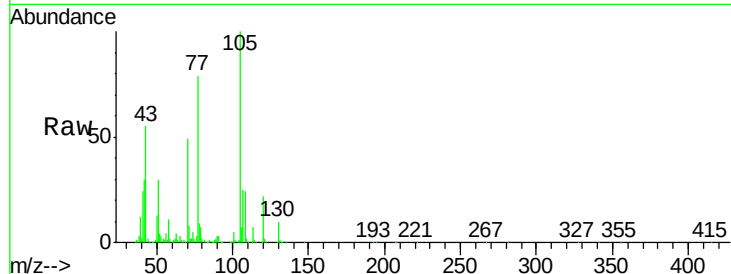
#19
n-Nitroso-di-n-propylamine
Concen: 38.298 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	70	Resp	308958
Ion Ratio	Lower	Upper	
70	100		
42	60.9	47.5	71.3
101	9.7	7.4	11.2
130	20.3	16.6	25.0

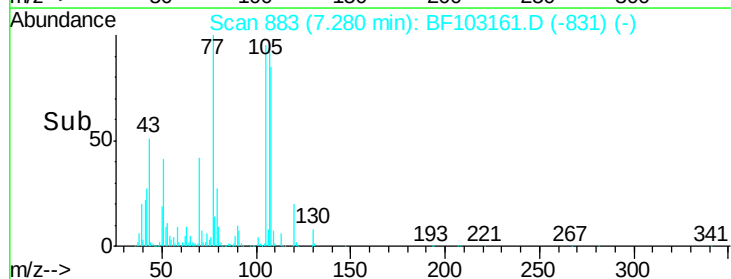
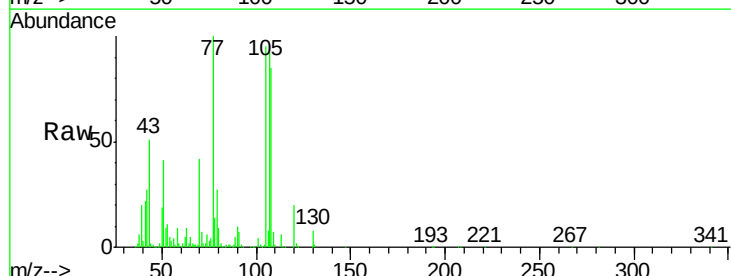
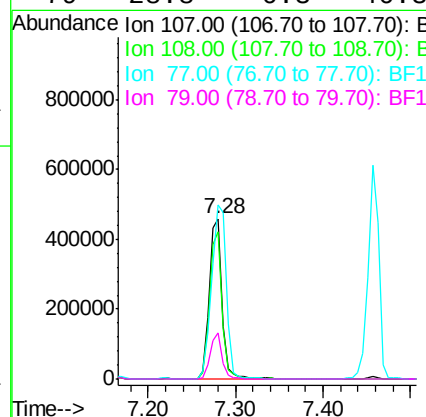
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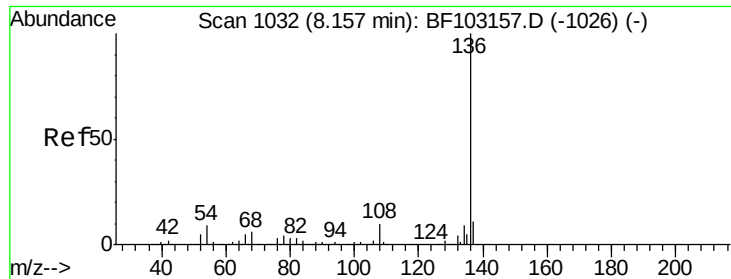
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#20
3+4-Methylphenols
Concen: 38.103 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	107	Resp	464493
Ion Ratio	Lower	Upper	
107	100		
108	91.7	68.2	108.2
77	108.3	26.7	66.7#
79	28.8	6.3	46.3





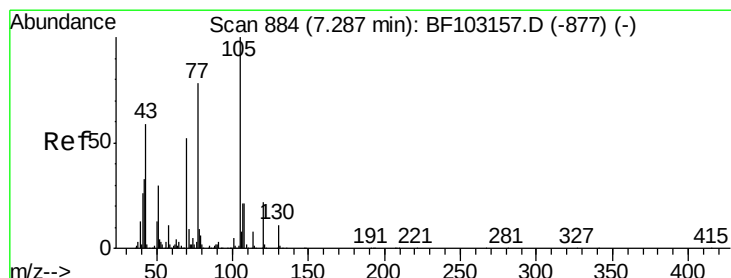
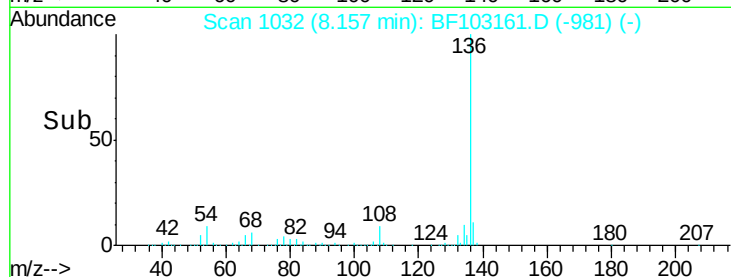
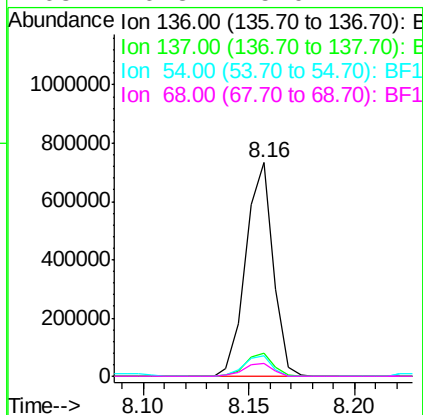
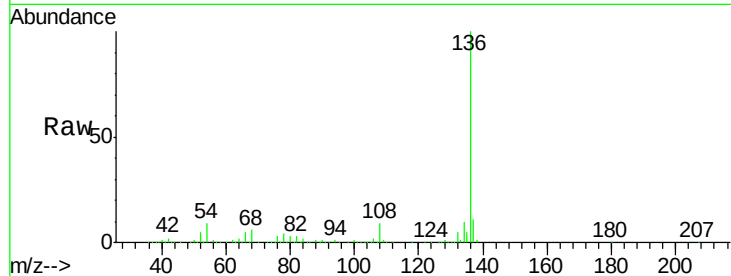
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		657949		
137	10.8		8.9	13.3	
54	9.5		6.6	9.8	
68	6.3		5.0	7.4	

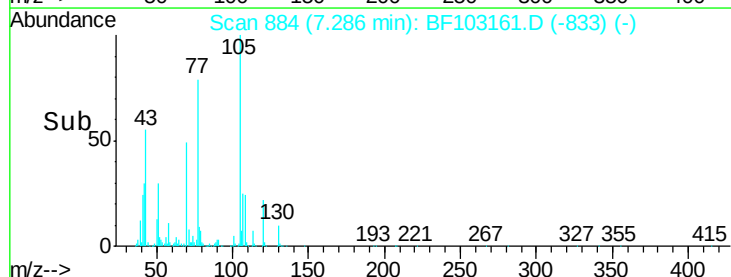
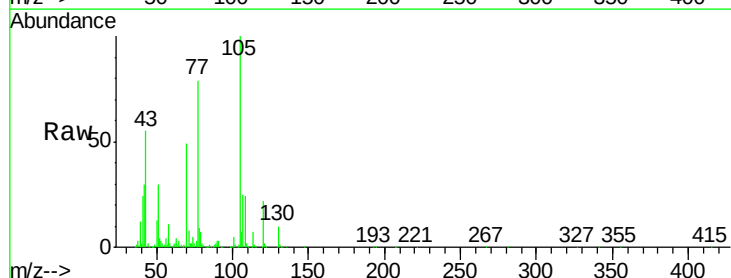
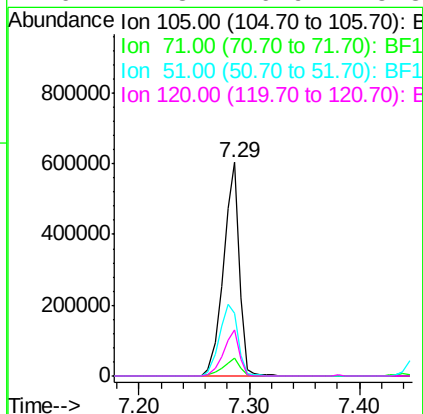
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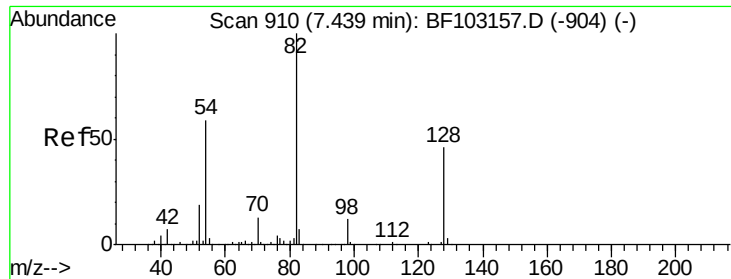
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#22
Acetophenone
Concen: 39.321 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		603879		
71	8.2		4.4	6.6#	
51	29.6		22.3	33.5	
120	21.8		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 82.353 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

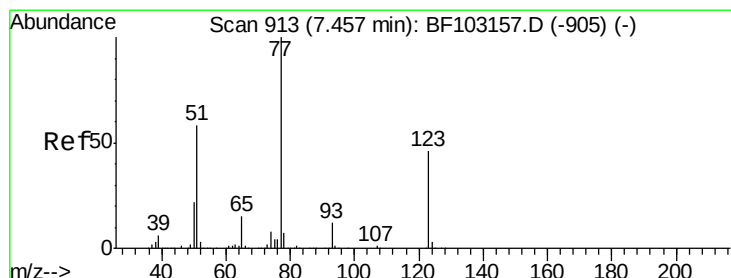
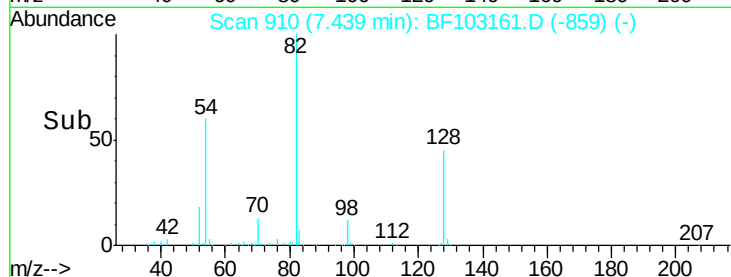
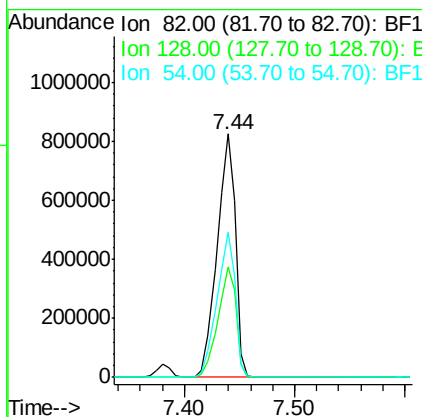
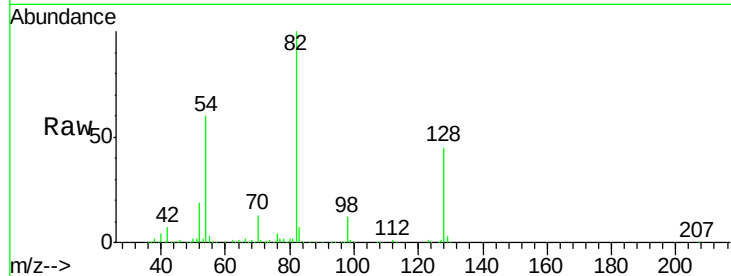
ClientSampleId :

ICVBF022218

Tot Ion:	82	Resp:	948791
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	59.8	41.4	62.2

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#24

Nitrobenzene

Concen: 41.552 ng

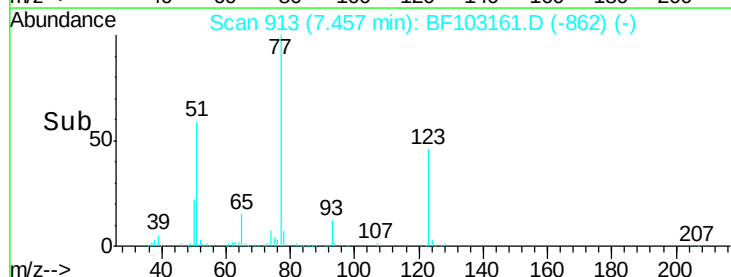
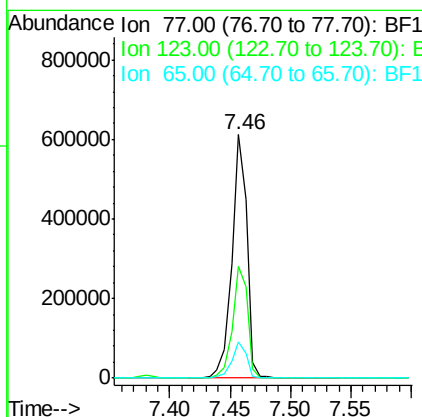
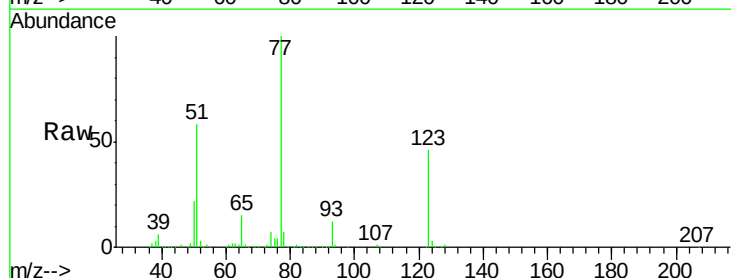
RT: 7.46 min Scan# 913

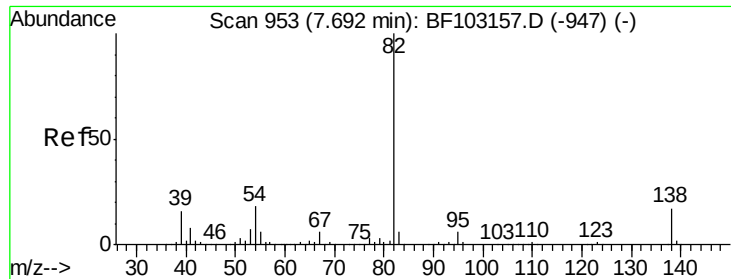
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	77	Resp:	527079
Ion Ratio	Lower	Upper	
77	100		
123	45.8	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 40.128 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

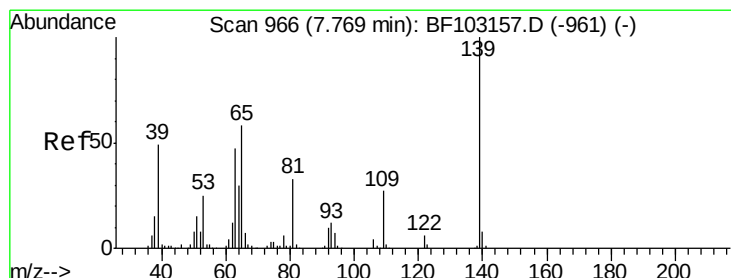
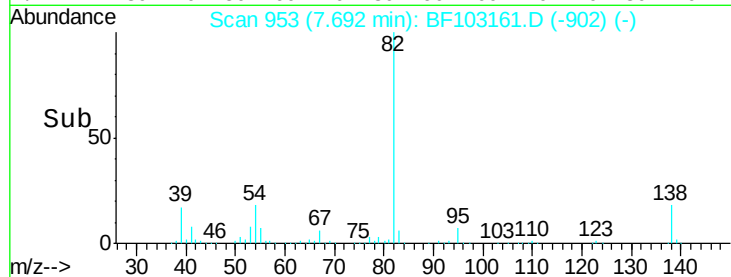
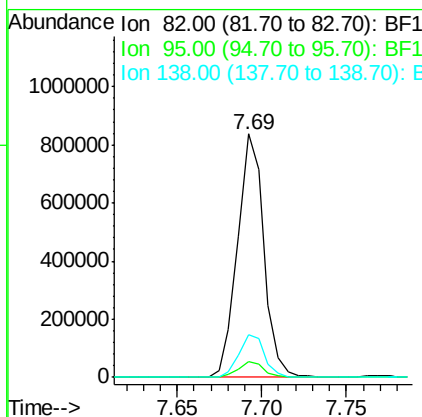
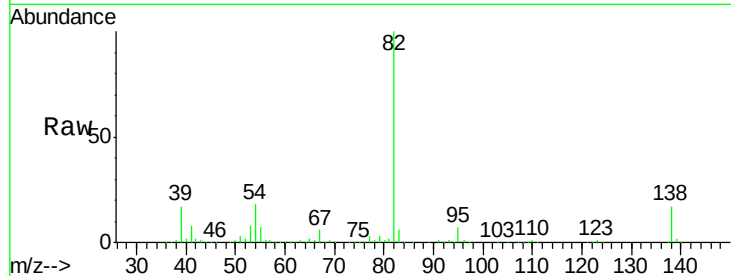
ClientSampleId :

ICVBF022218

Tot Ion:	82	Resp:	910531
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.767 ng

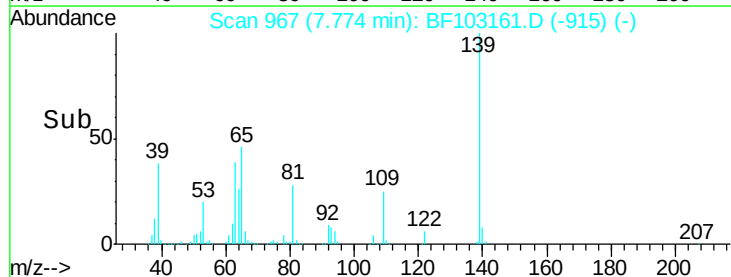
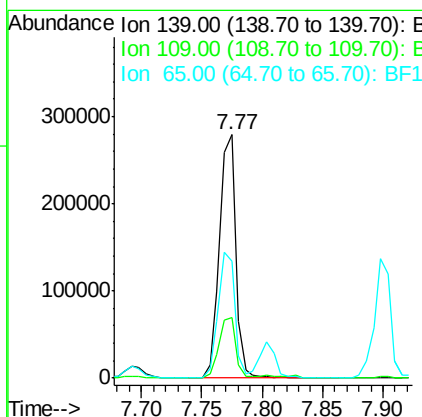
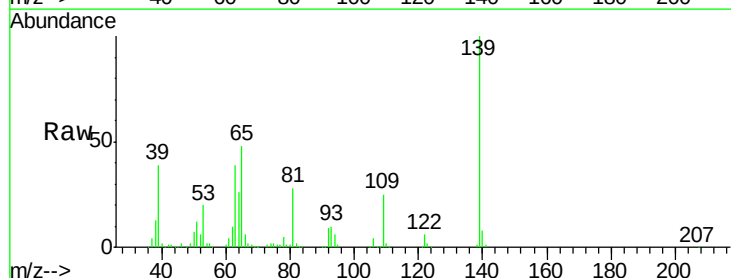
RT: 7.77 min Scan# 967

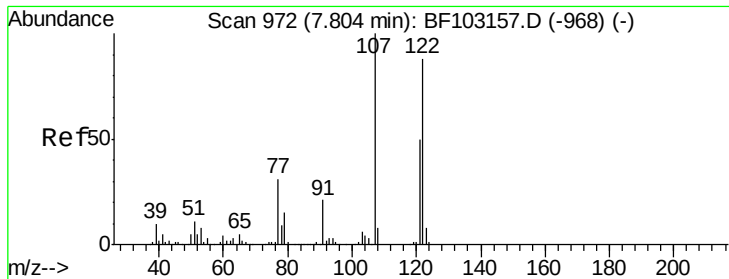
Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	139	Resp:	261351
Ion Ratio	Lower	Upper	
139	100		
109	24.9	22.7	34.1
65	47.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.801 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

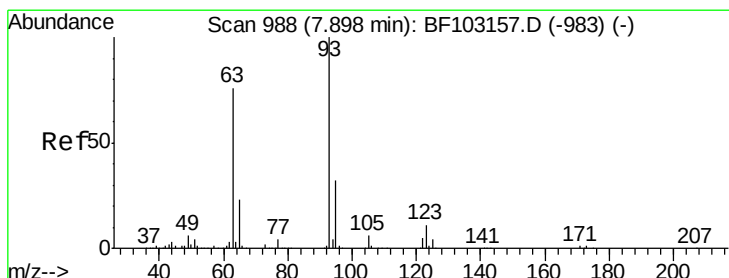
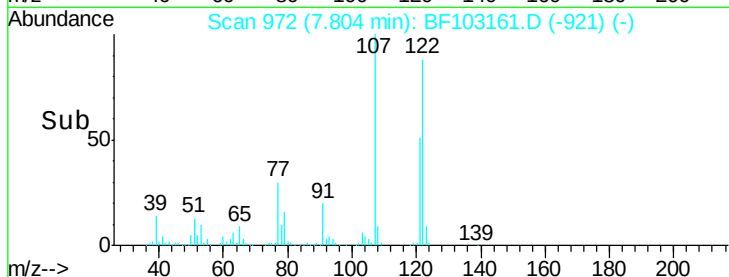
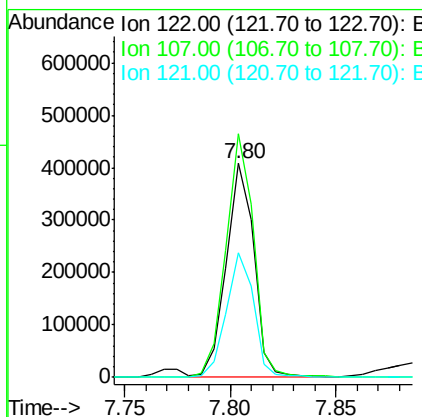
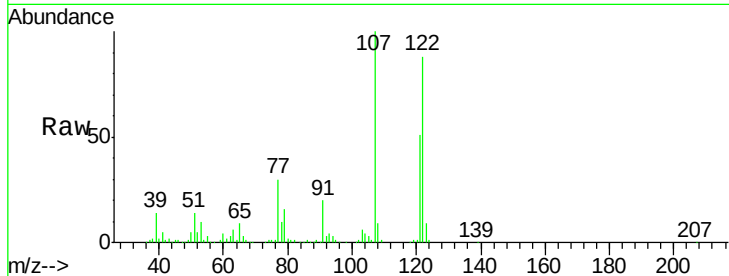
ClientSampleId :

ICVBF022218

Tot Ion:	122	Resp:	363291
Ion Ratio	Lower	Upper	
122	100		
107	113.8	91.2	136.8
121	58.1	47.2	70.8

Manual Integrations
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2/23/2018 10:20:35 AM



#28

bis(2-Chloroethoxy)methane

Concen: 40.805 ng

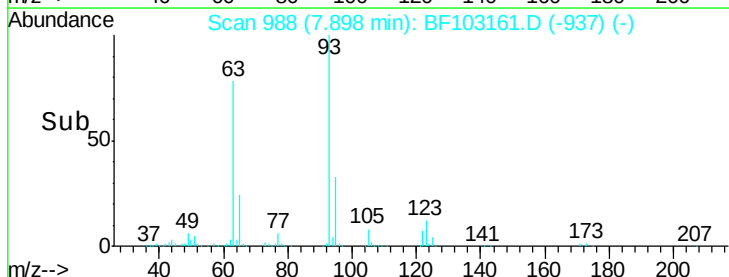
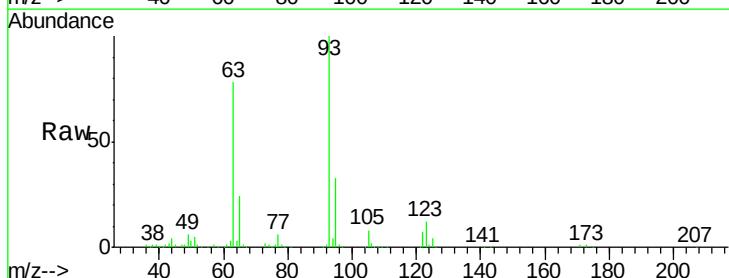
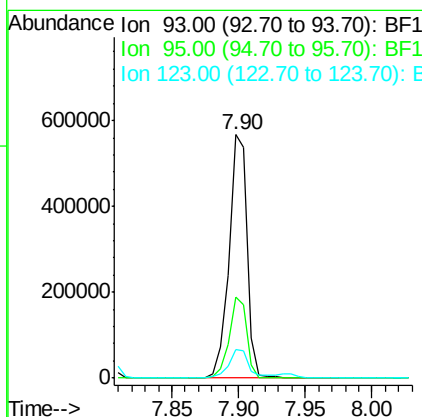
RT: 7.90 min Scan# 988

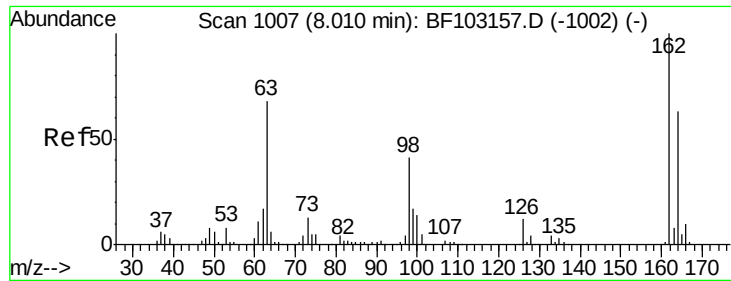
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	93	Resp:	544377
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	11.5	9.8	14.6





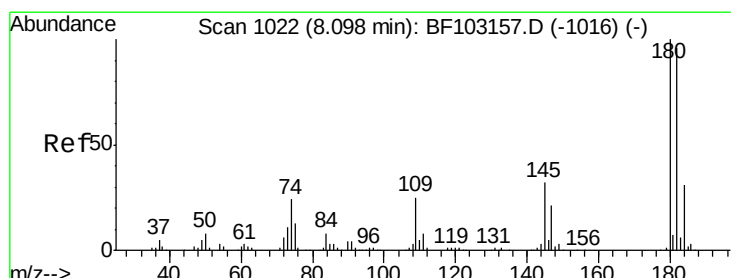
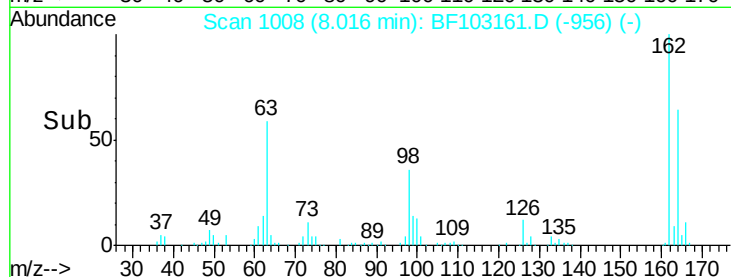
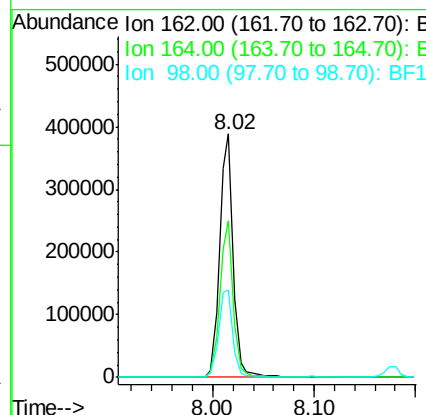
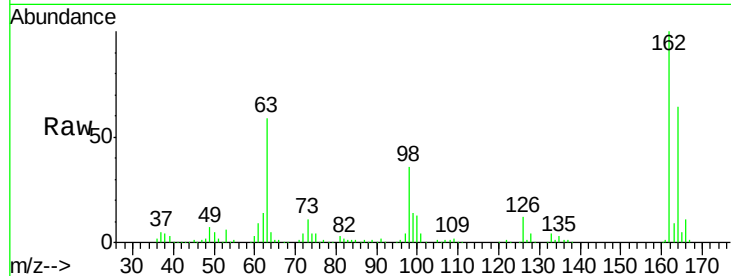
#29
2,4-Dichlorophenol
Concen: 41.151 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Resp	Lower	Upper
162	100	359609		
164	64.1	42.7	82.7	
98	35.9	18.1	58.1	

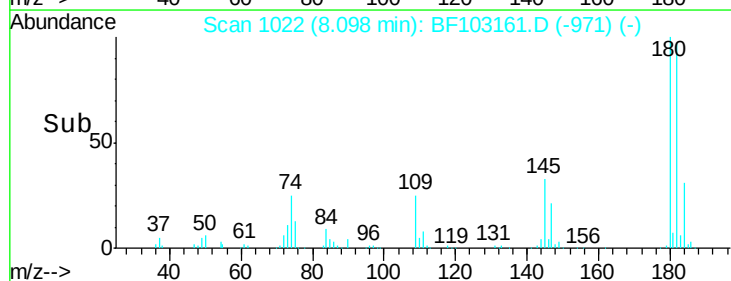
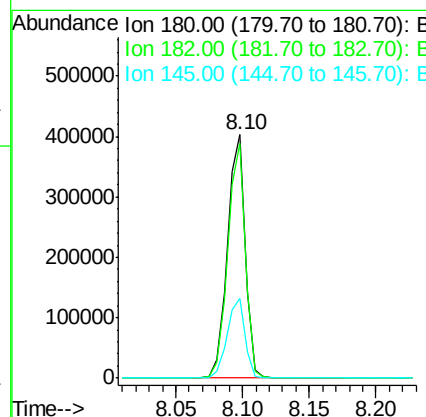
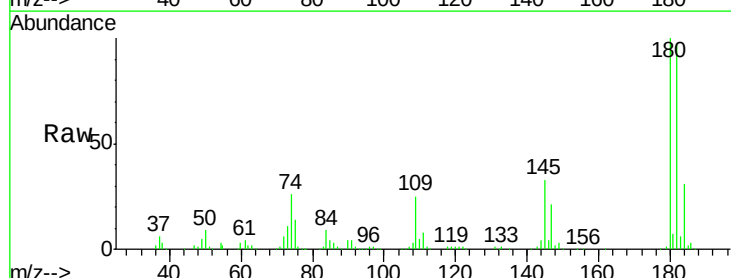
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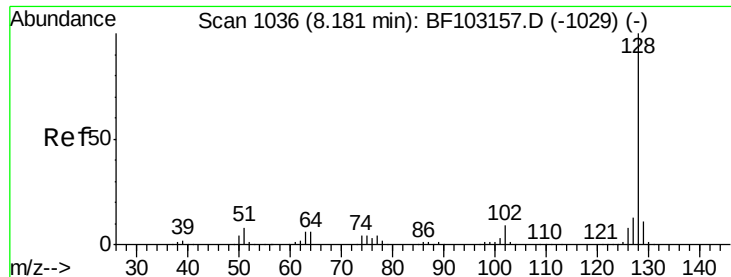
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.872 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	380350		
182	96.6	76.8	115.2	
145	32.5	26.5	39.7	





#31

Naphthalene

Concen: 40.165 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

Tot Ion:128 Resp: 1293785

Ion Ratio Lower Upper

128 100

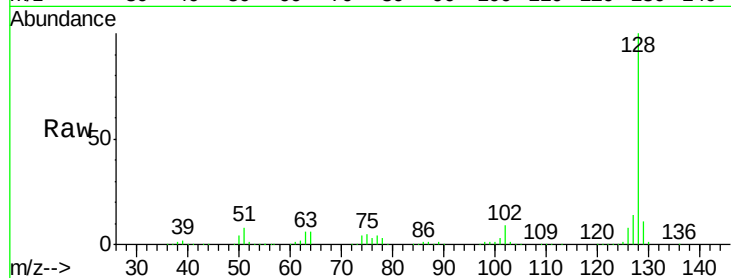
129 11.3 8.8 13.2

127 13.6 10.9 16.3

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Sohil

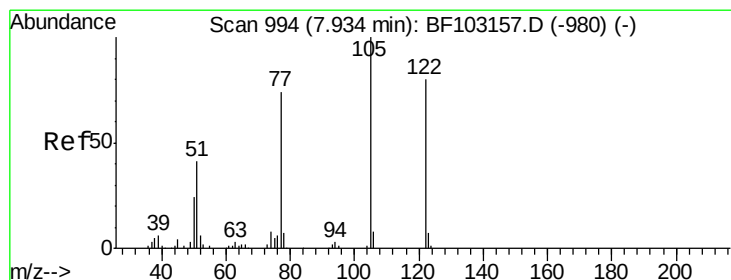
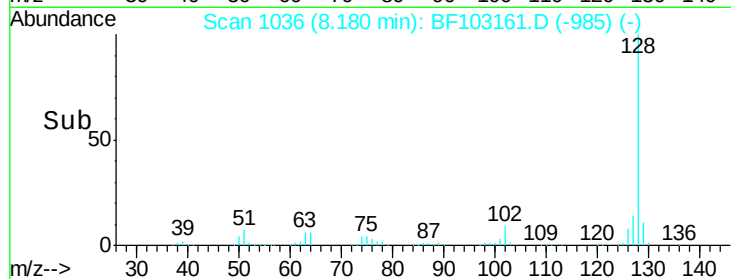
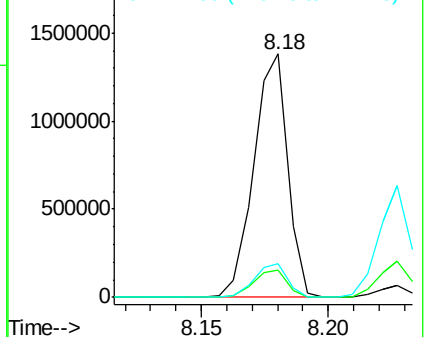
2/23/2018 10:20:35 AM



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: 38.146 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

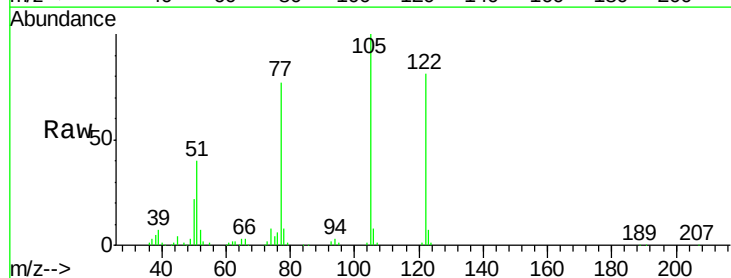
Tgt Ion:122 Resp: 247086

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

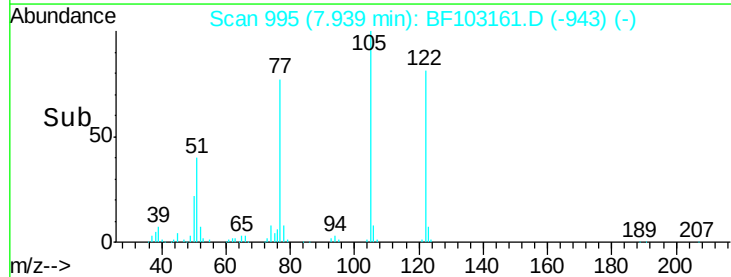
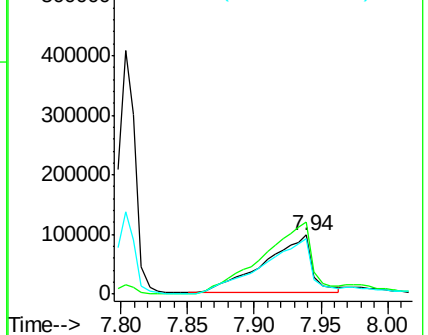
77 94.8 70.7 110.7

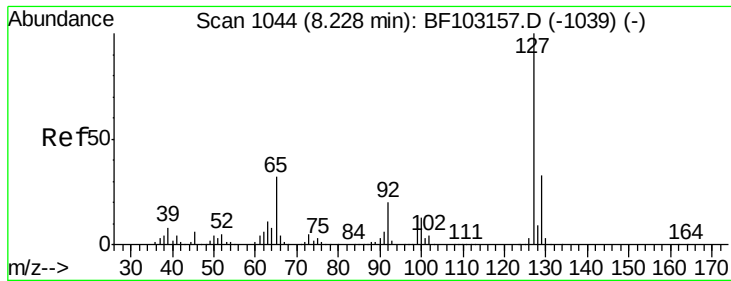


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





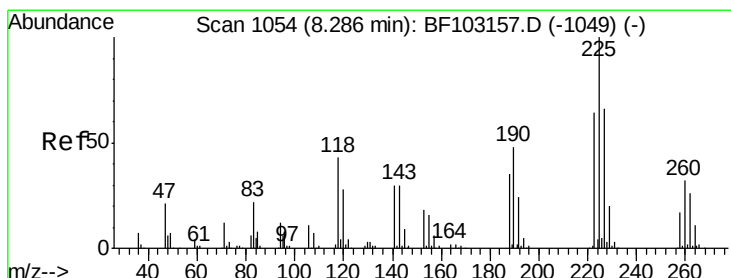
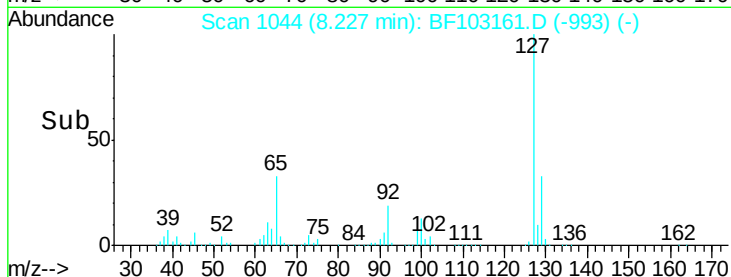
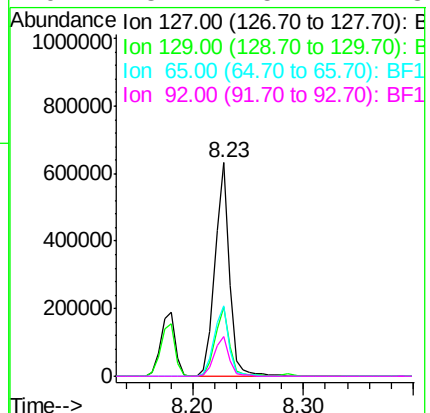
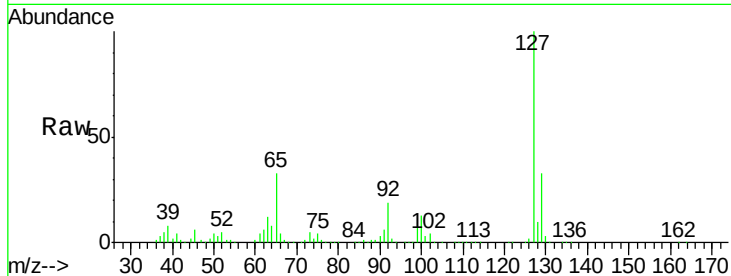
#33
4-Chloroaniline
Concen: 40.284 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6		25.9	38.9	
65	33.1		25.0	37.4	
92	18.7		15.2	22.8	

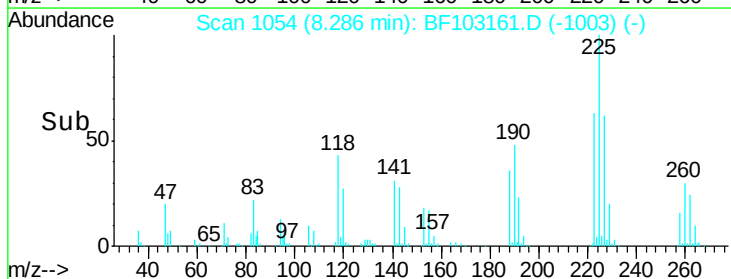
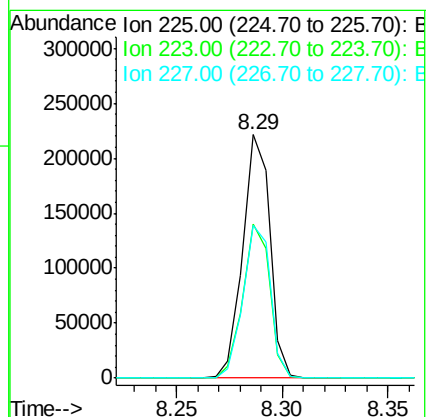
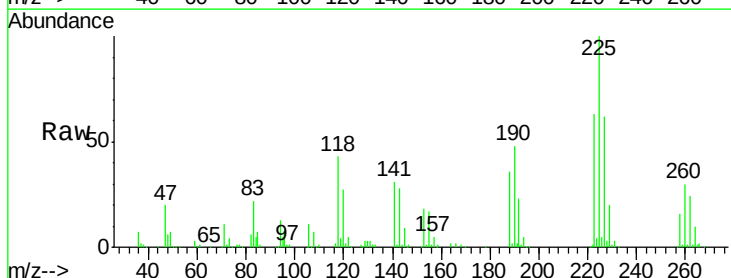
Manual Integrations
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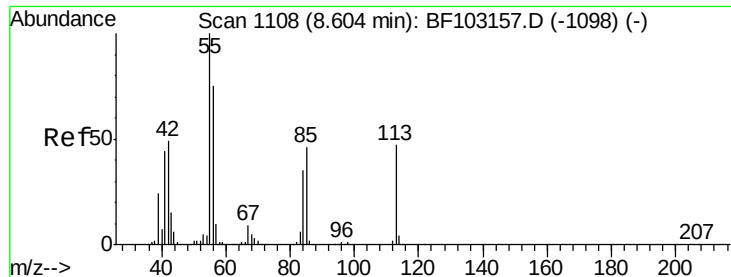
Sohil
2/23/2018 10:20:35 AM



#34
Hexachlorobutadiene
Concen: 40.688 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4		50.6	76.0	
227	62.5		51.9	77.9	





#35

Caprolactam

Concen: 42.874 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

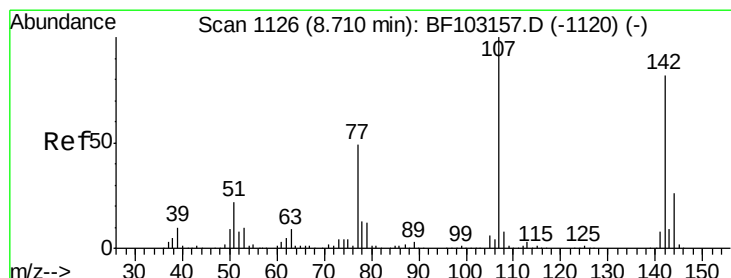
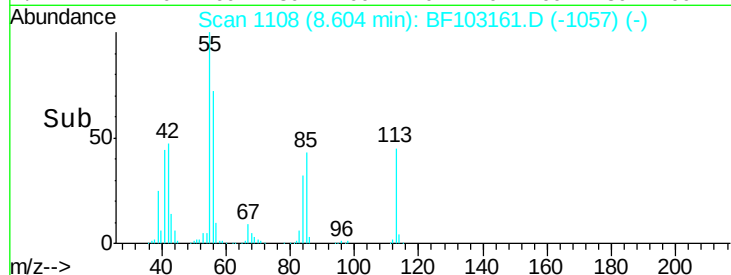
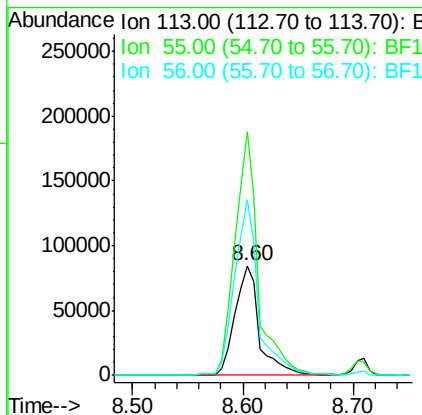
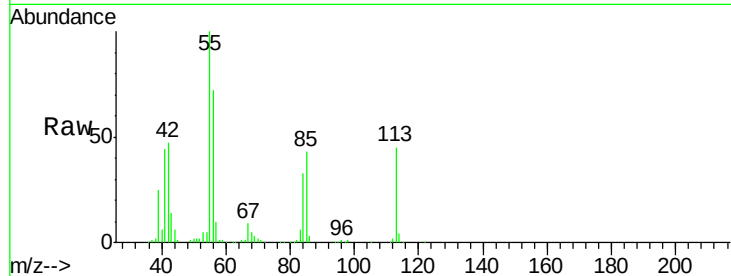
ClientSampleId :

ICVBF022218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	222.8		163.3	203.3#	
56	161.3		115.7	155.7#	

Manual Integrations
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2/23/2018 10:20:35 AM



#36

4-Chloro-3-methylphenol

Concen: 40.359 ng

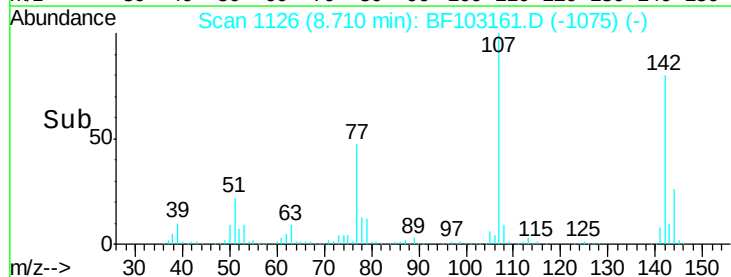
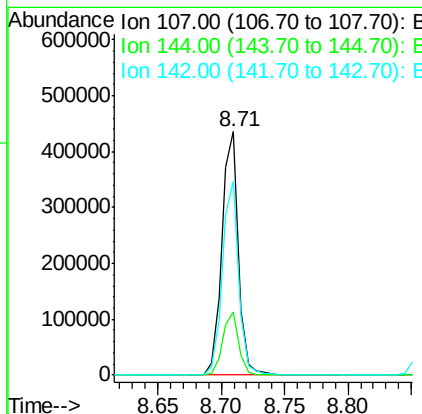
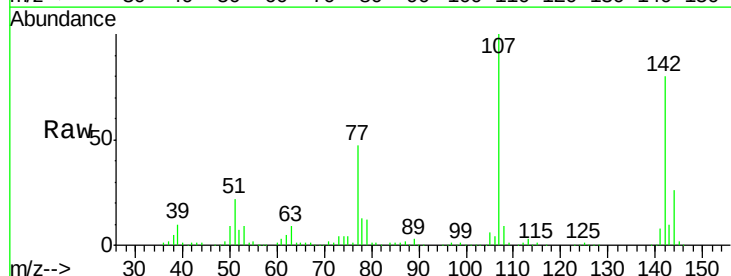
RT: 8.71 min Scan# 1126

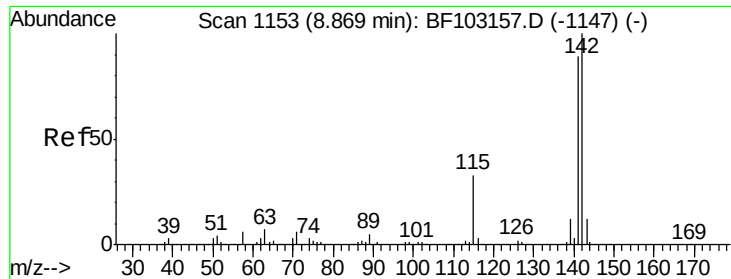
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.8		20.5	30.7	
142	79.6		62.0	93.0	





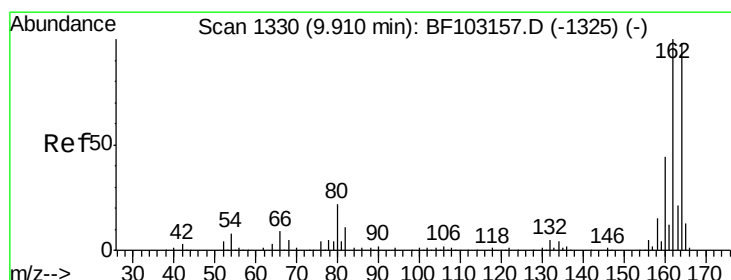
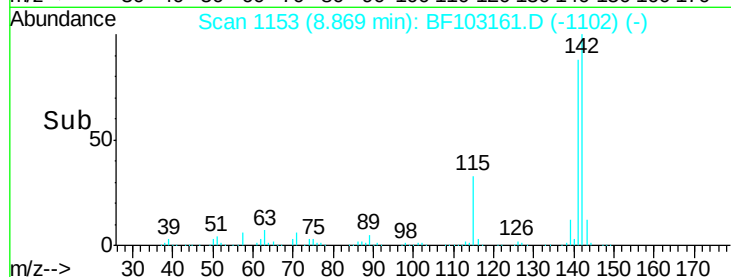
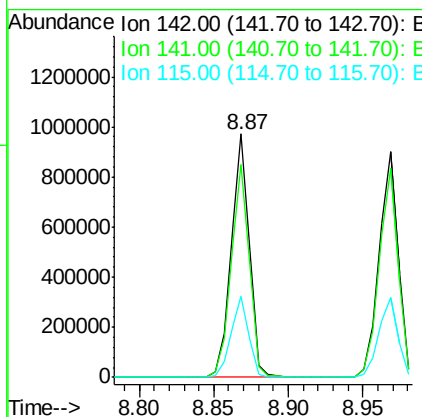
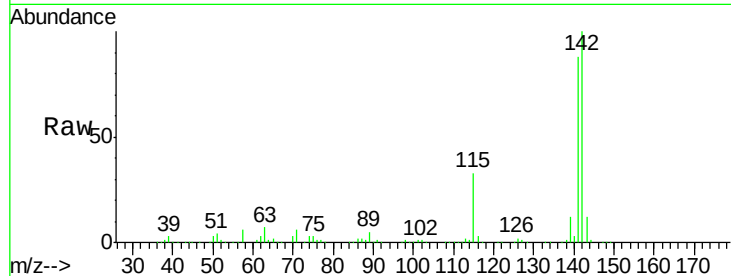
#37
2-Methylnaphthalene
Concen: 40.240 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	33.3	26.1	39.1

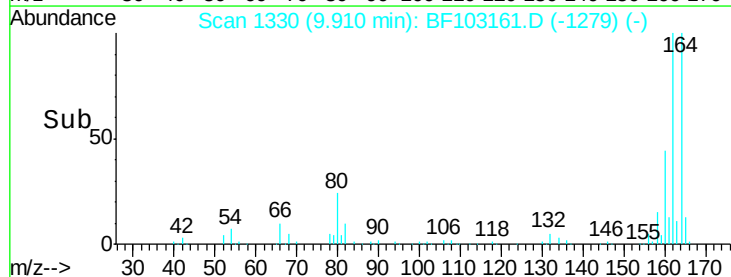
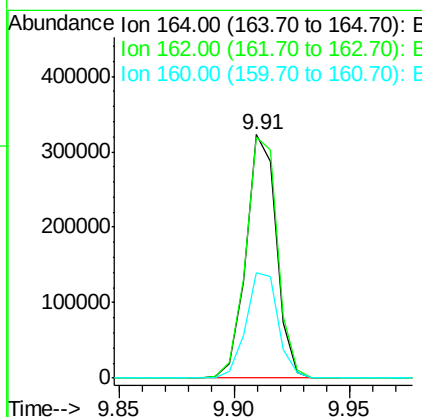
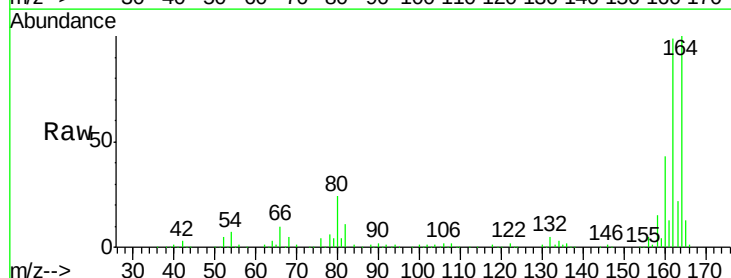
Manual Integrations
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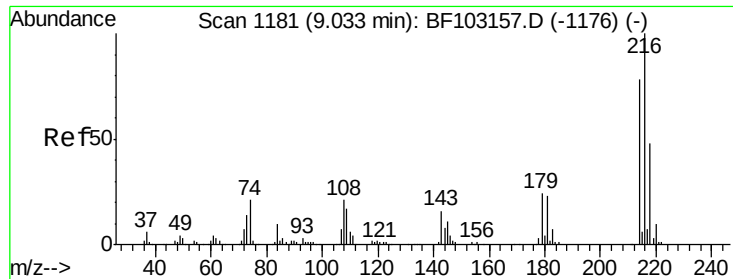
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	86.1	129.1
160	43.2	38.3	57.5





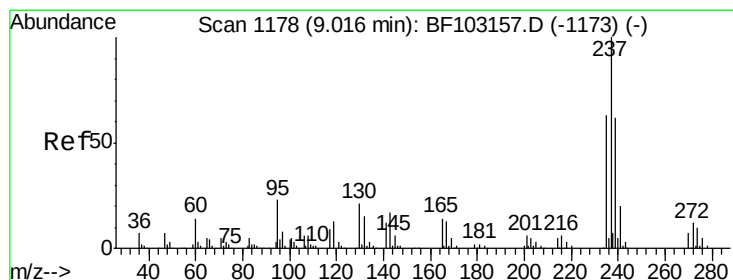
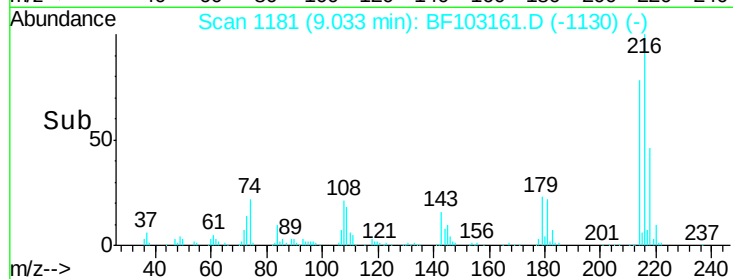
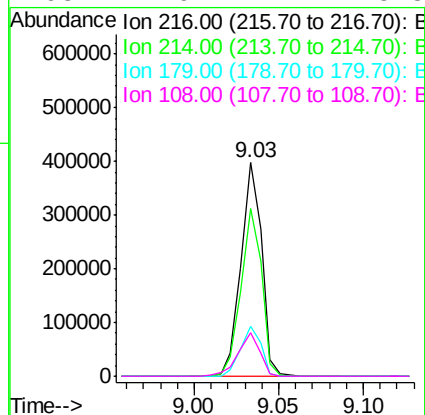
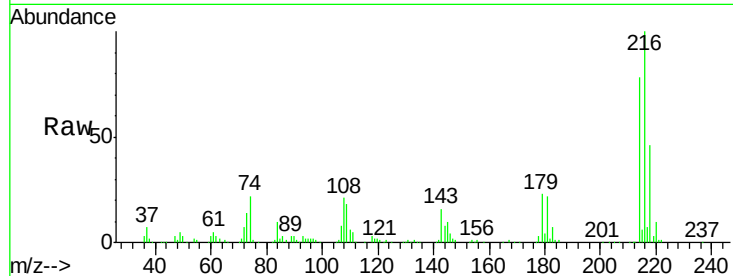
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.859 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		338946		
214	78.3		63.0	94.4	
179	23.2		18.1	27.1	
108	21.9		17.2	25.8	

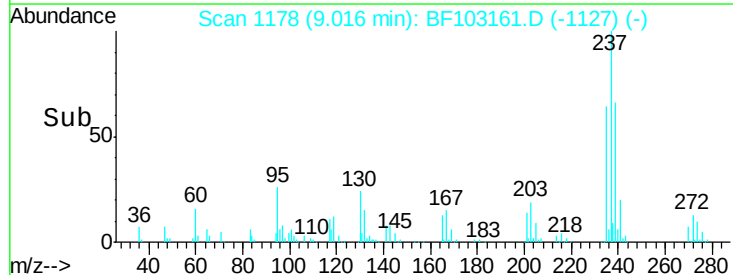
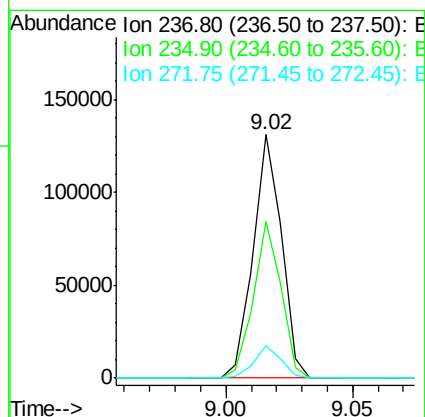
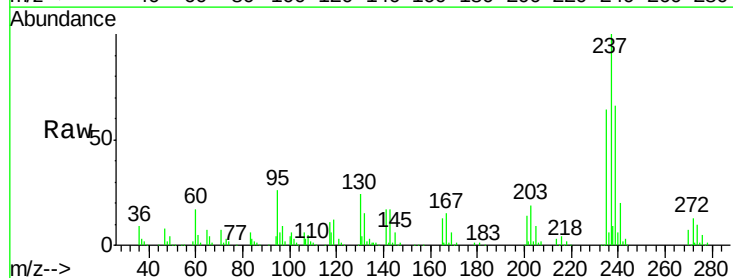
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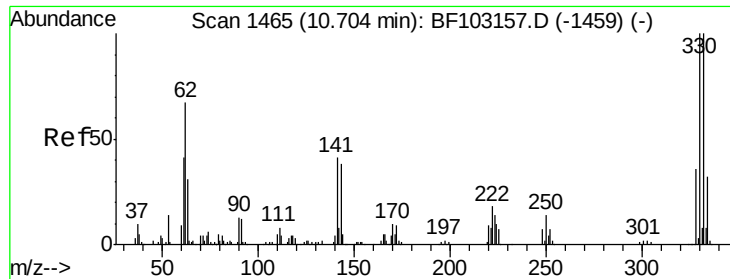
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 40.785 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		102430		
235	64.1		44.8	84.8	
272	13.3		0.0	33.3	





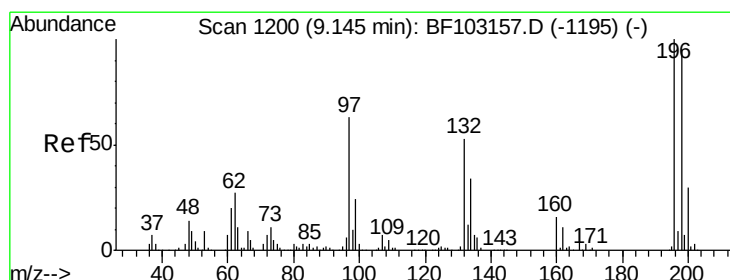
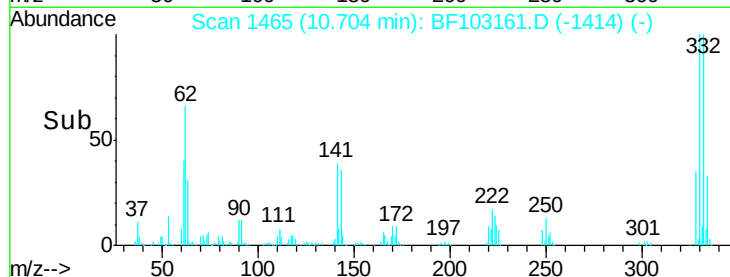
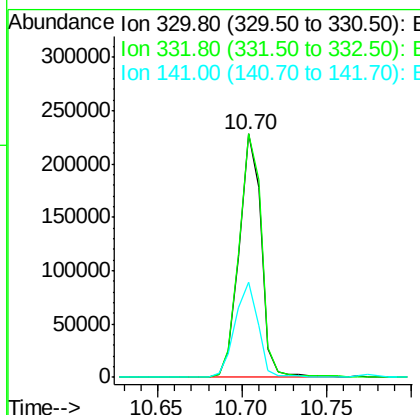
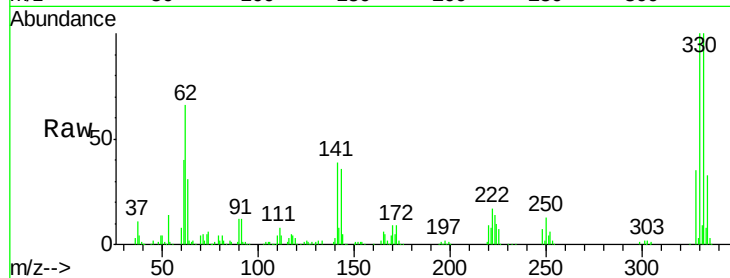
#41
 2,4,6-Tribromophenol
 Concen: 82.720 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	41.0	29.9	44.9

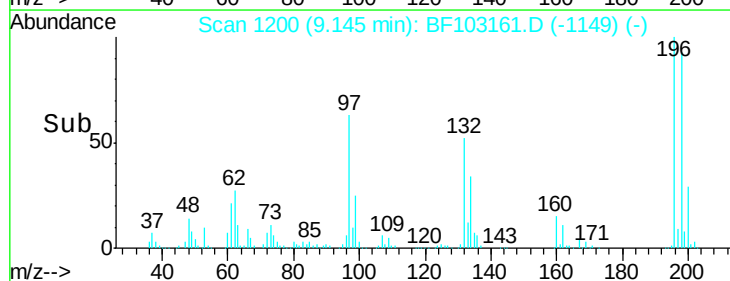
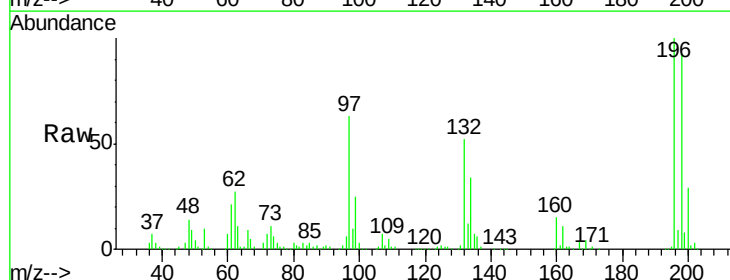
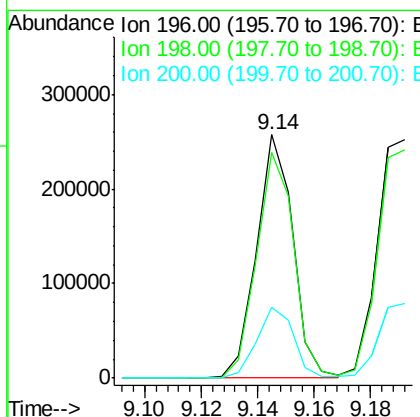
Manual Integrations
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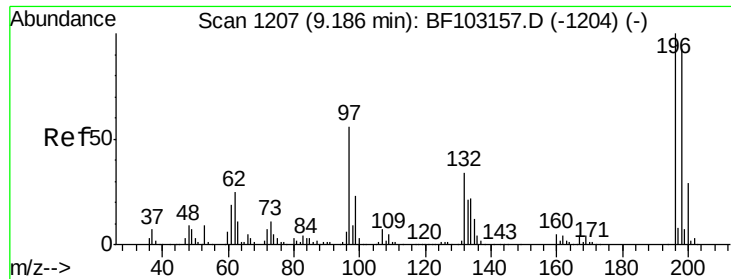
Sohil
 2/23/2018 10:20:35 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.209 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
200	29.2	24.5	36.7





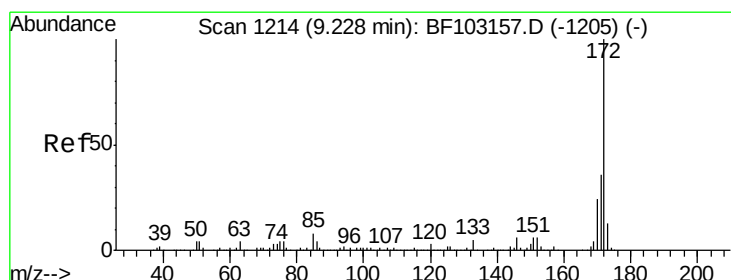
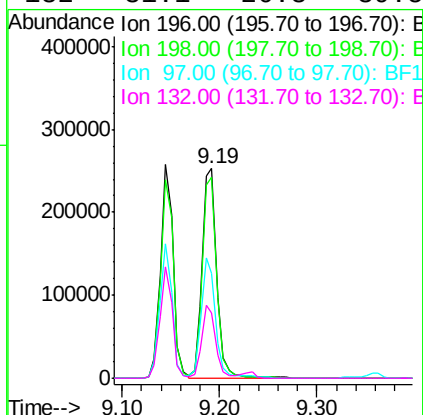
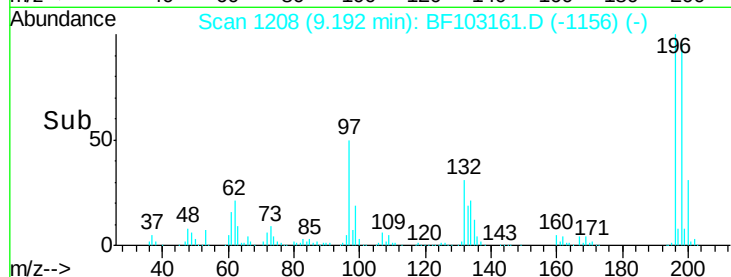
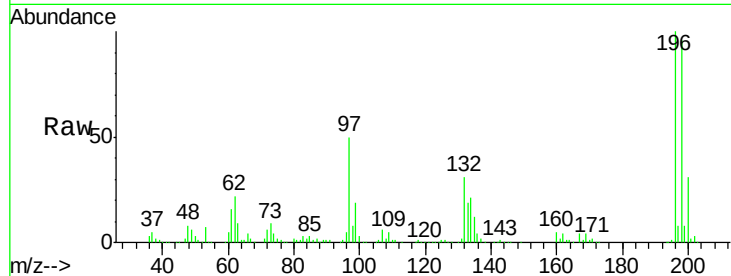
#43
2,4,5-Trichlorophenol
Concen: 41.633 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260899		
198	95.7	74.6	112.0	
97	49.9	42.9	64.3	
132	31.1	26.3	39.5	

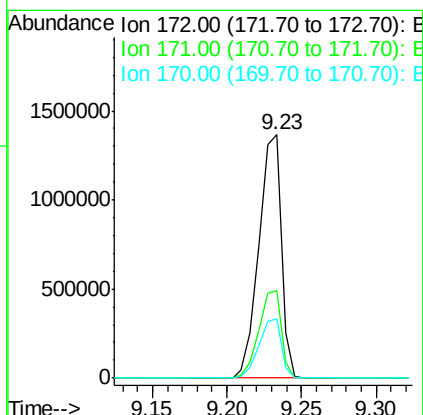
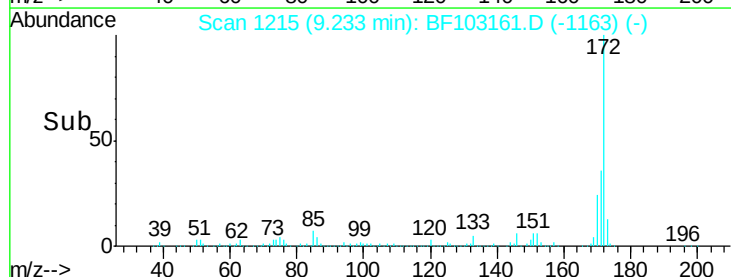
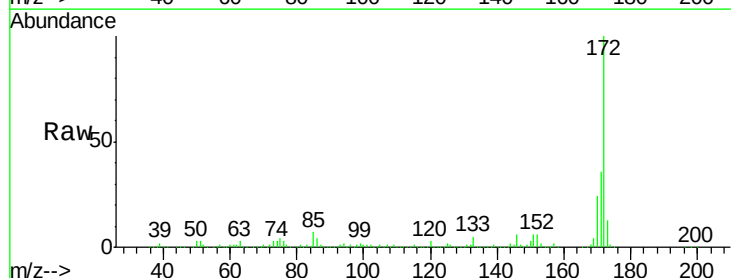
Manual Integrations
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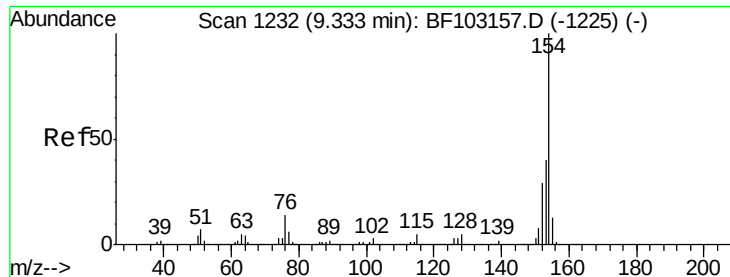
Sohil
2/23/2018 10:20:35 AM



#44
2-Fluorobiphenyl
Concen: 80.938 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1407769		
171	36.0	29.7	44.5	
170	24.5	19.6	29.4	





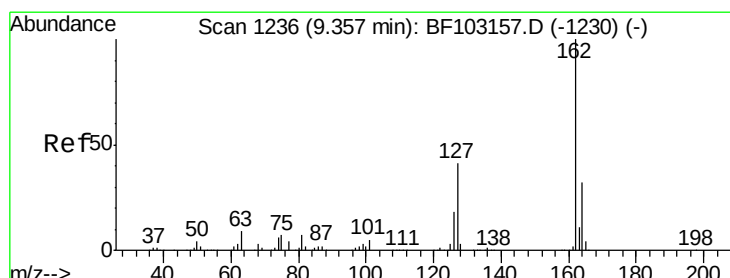
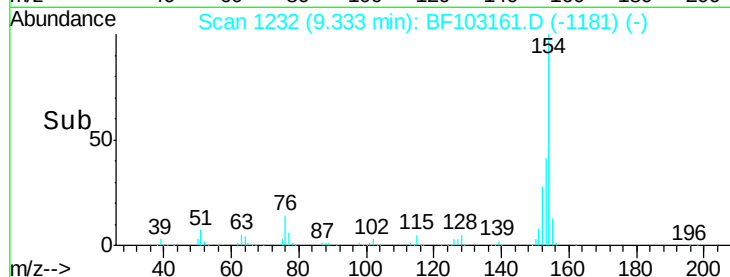
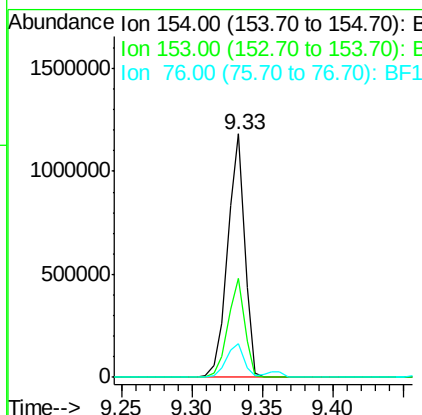
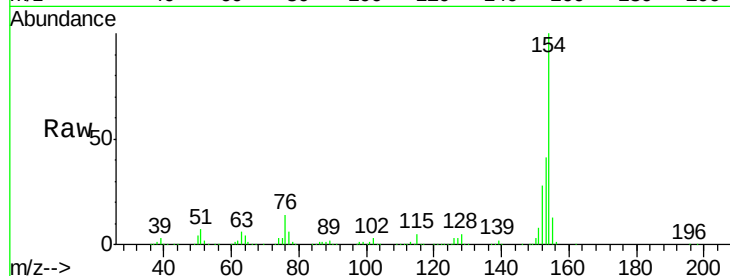
#45
 1,1'-Biphenyl
 Concen: 39.934 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.3	61.3	
76	13.8	0.0	34.0	

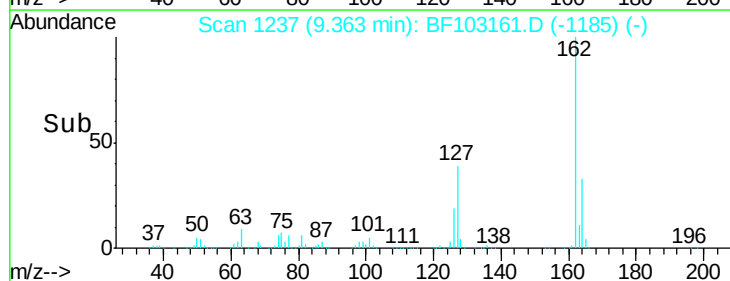
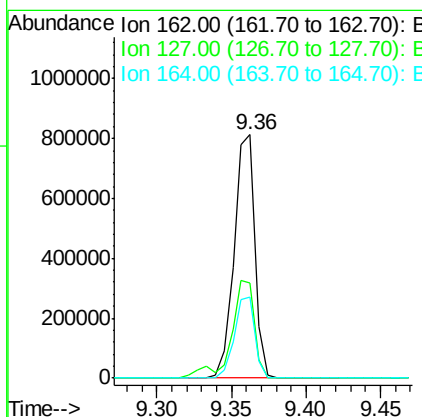
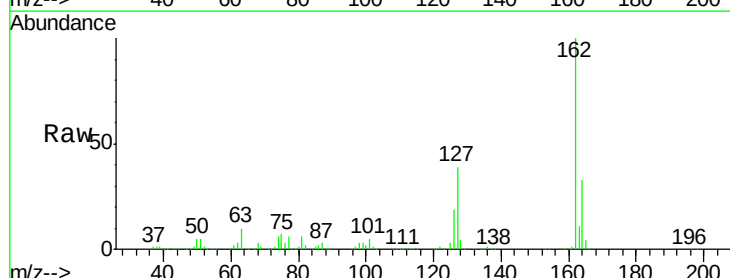
Manual Integrations
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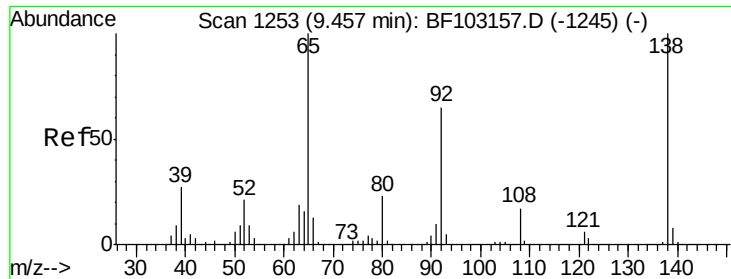
Sohil
 2/23/2018 10:20:35 AM



#46
 2-Chloronaphthalene
 Concen: 40.526 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	33.9	50.9	
164	33.1	26.5	39.7	





#47

2-Nitroaniline

Concen: 41.727 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

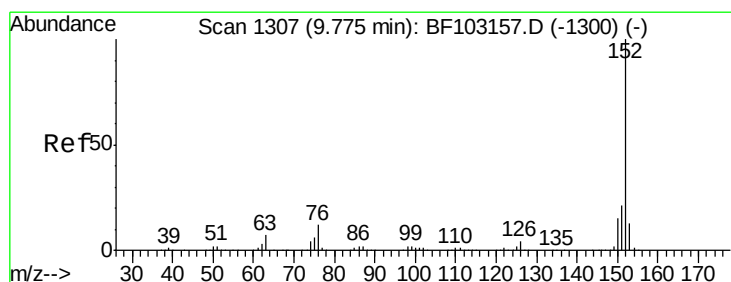
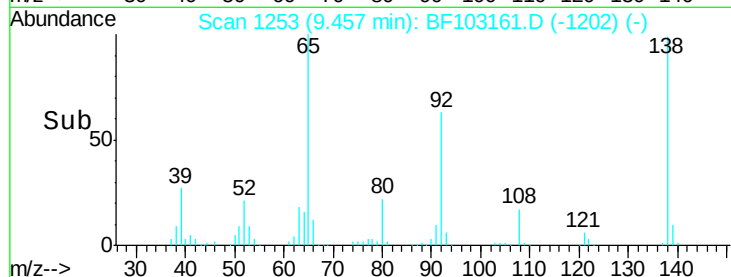
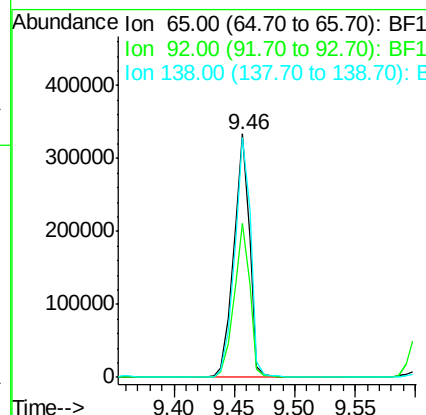
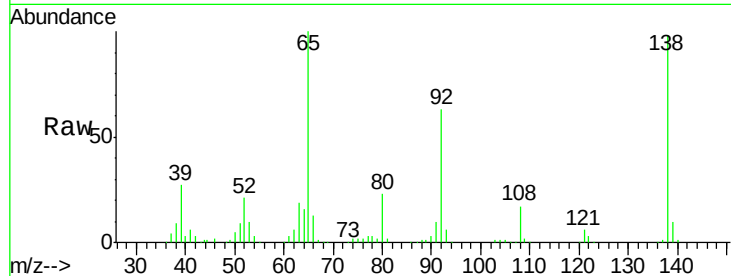
ClientSampleId :

ICVBF022218

Tot Ion:	65	Resp:	303500
Ion Ratio	Lower	Upper	
65	100		
92	63.2	55.8	83.6
138	98.5	91.2	136.8

Manual Integrations
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Sohil
2/23/2018 10:20:35 AM



#48

Acenaphthylene

Concen: 40.306 ng

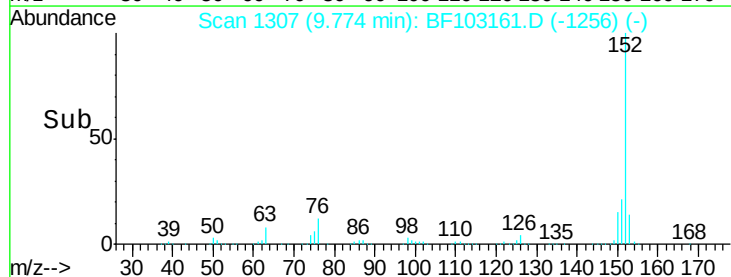
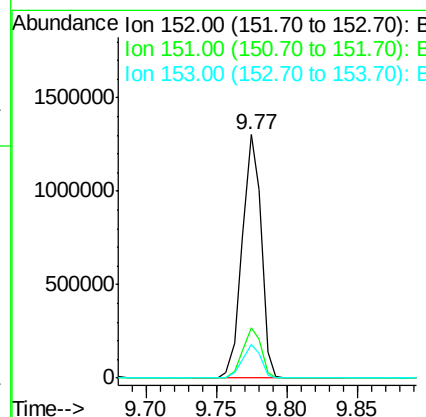
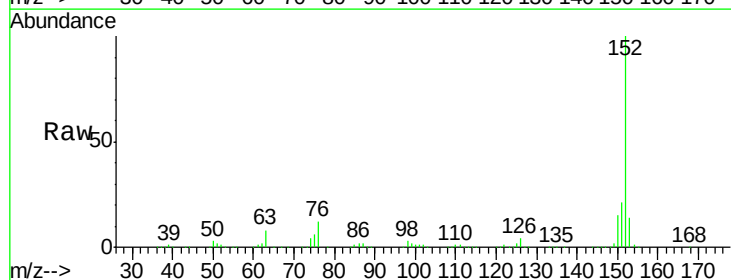
RT: 9.77 min Scan# 1307

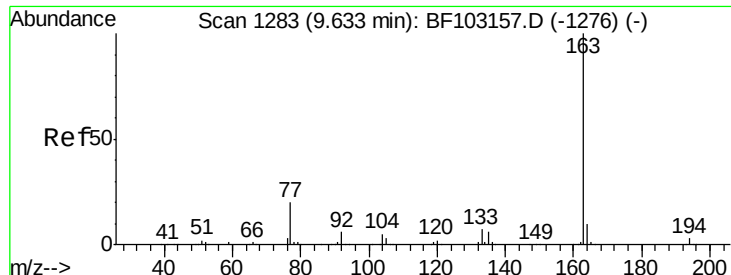
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	152	Resp:	1217700
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.6	10.7	16.1





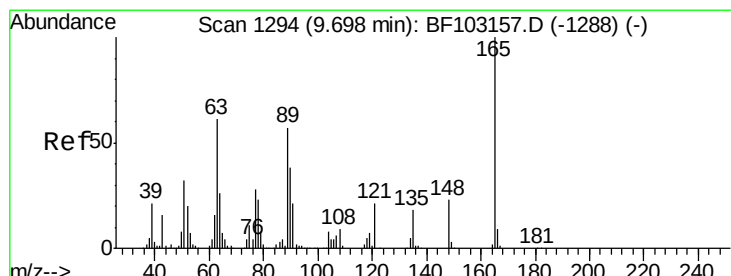
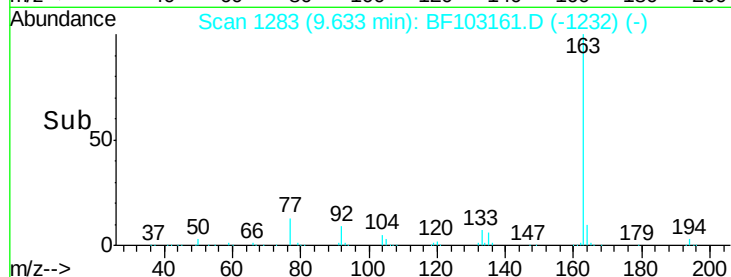
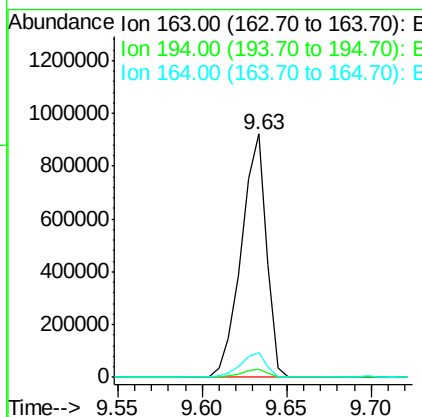
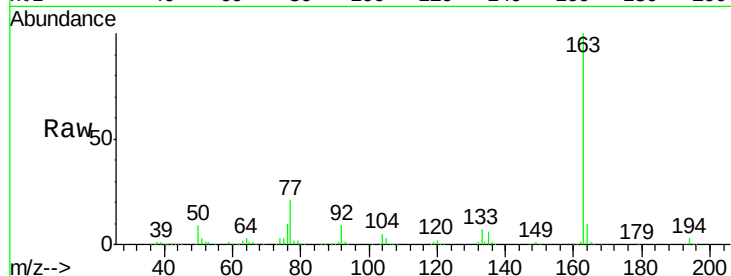
#49
Dimethylphthalate
Concen: 40.275 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Resp	Lower	Upper
163	100	956987		
194	3.3		2.7	4.1
164	10.0		8.2	12.2

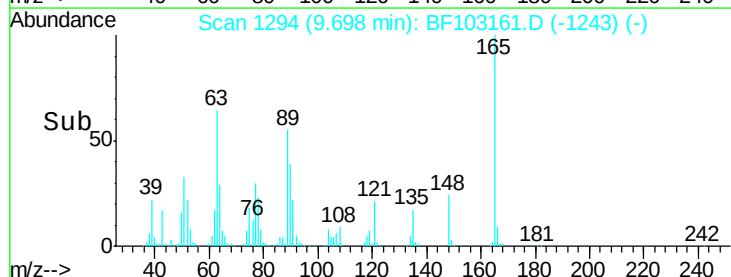
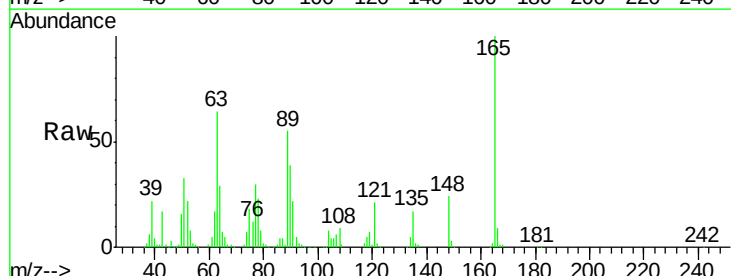
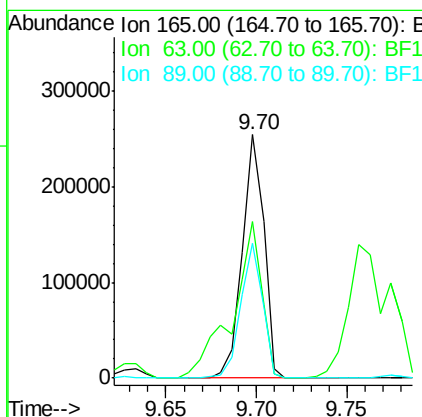
Manual Integrations
APPROVED

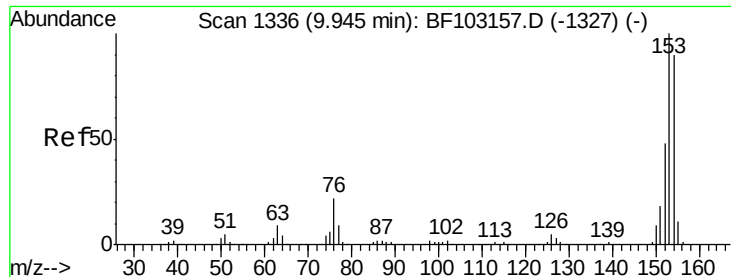
Sohil
2/23/2018 10:20:35 AM



#50
2,6-Dinitrotoluene
Concen: 42.401 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211426		
63	64.3		44.7	67.1
89	55.4		44.0	66.0





#51

Acenaphthene

Concen: 39.787 ng

RT: 9.94 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

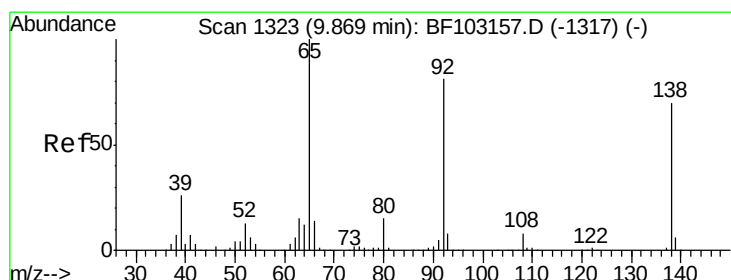
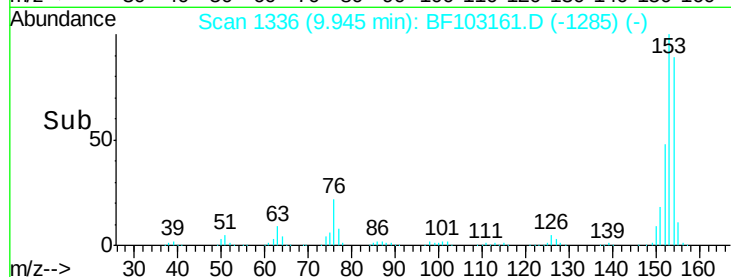
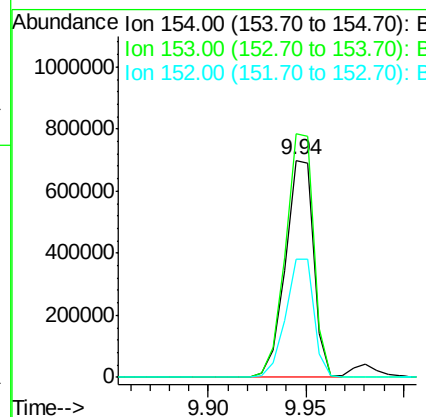
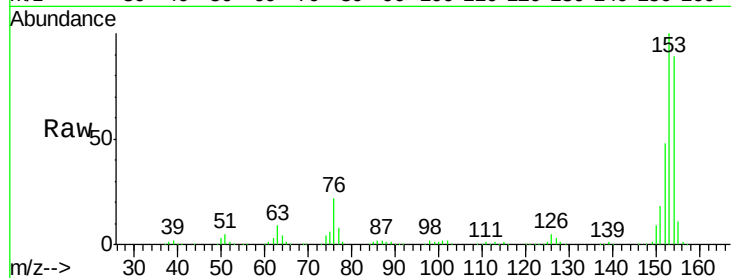
ClientSampled :

ICVBF022218

Tot Ion:	154	Resp:	700915
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
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Sohil
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#52

3-Nitroaniline

Concen: 41.790 ng

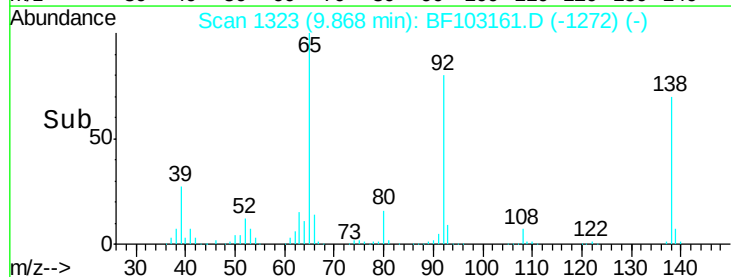
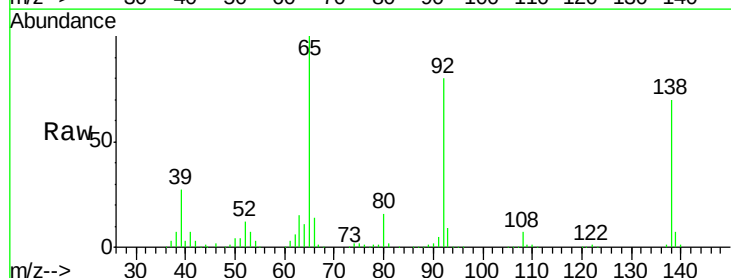
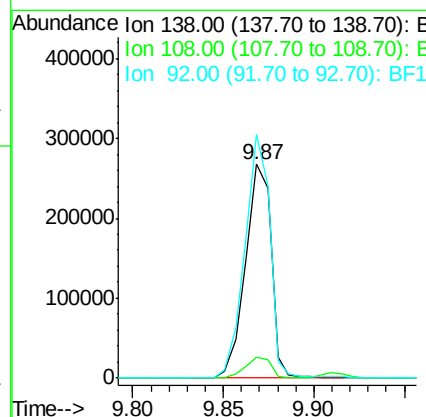
RT: 9.87 min Scan# 1323

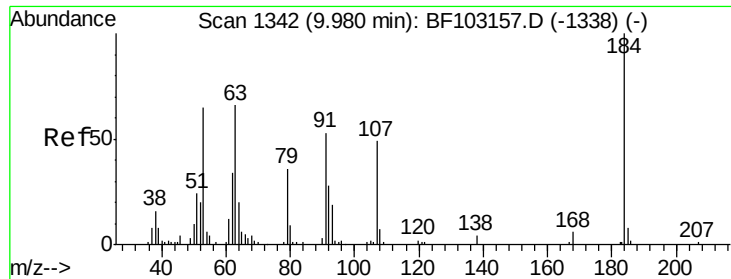
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	138	Resp:	264378
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	113.9	89.4	134.2





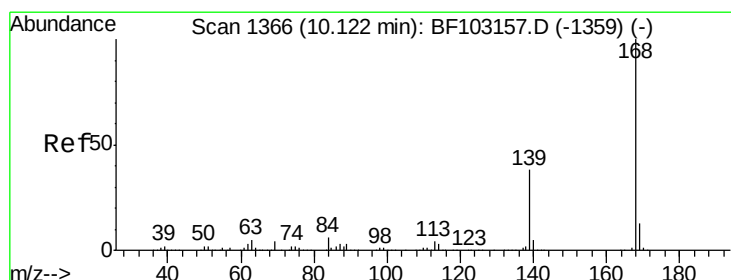
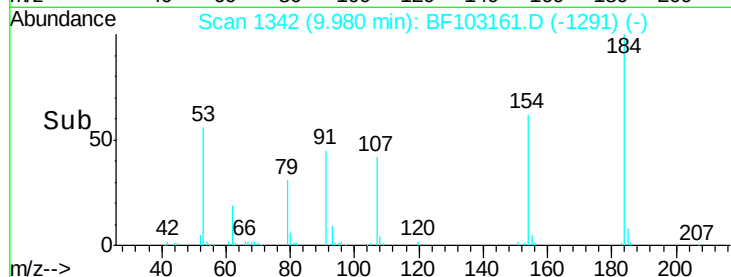
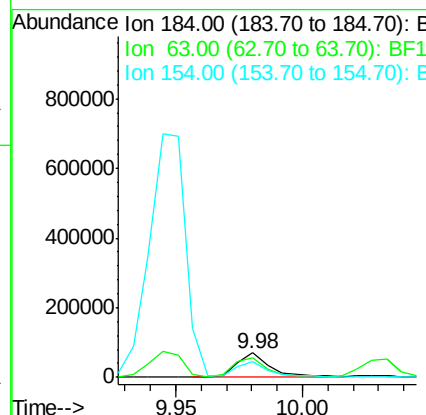
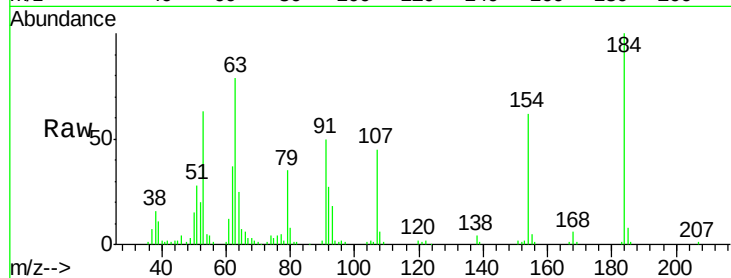
#53
2,4-Dinitrophenol
Concen: 40.975 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.6	54.2	81.2
154	61.8	184.0	276.0#

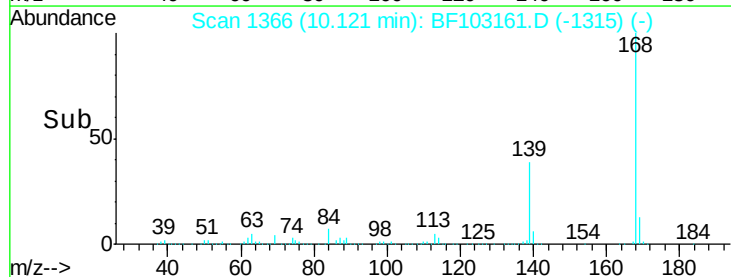
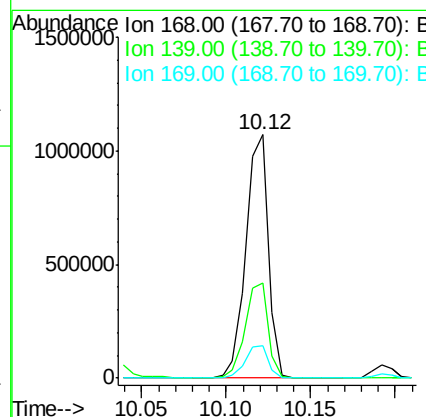
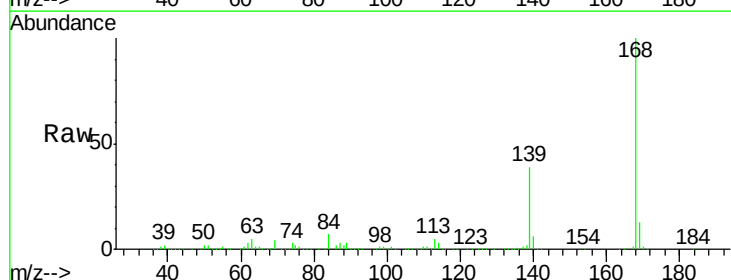
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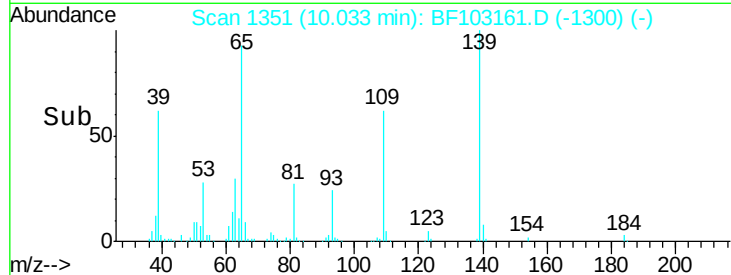
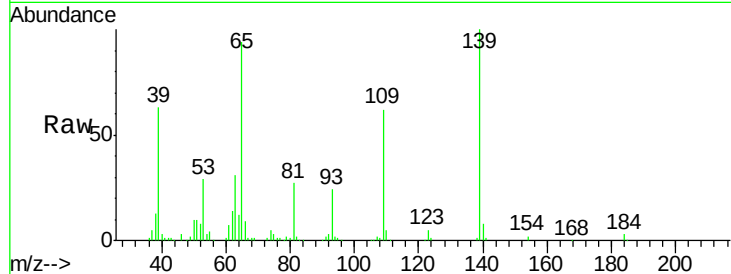
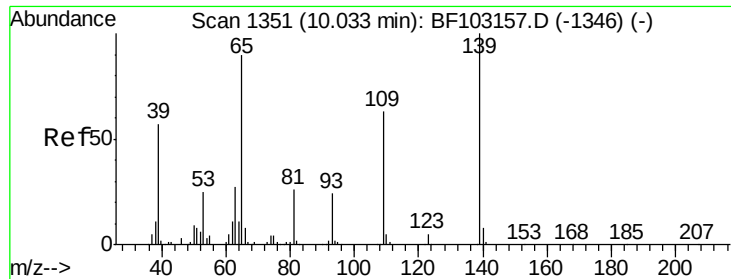
Sohil
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#54
Dibenzofuran
Concen: 41.186 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.3	10.9	16.3





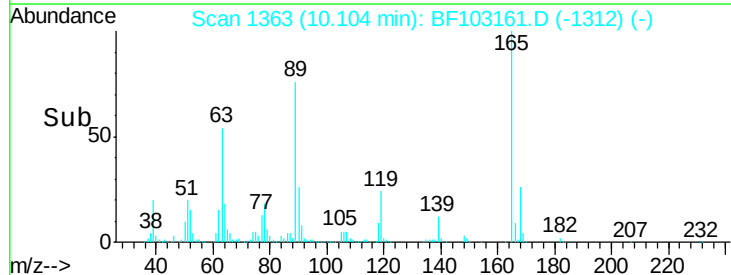
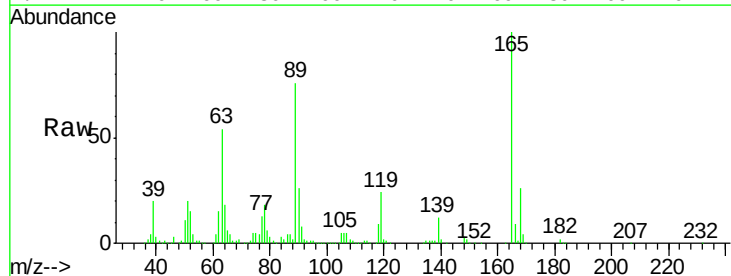
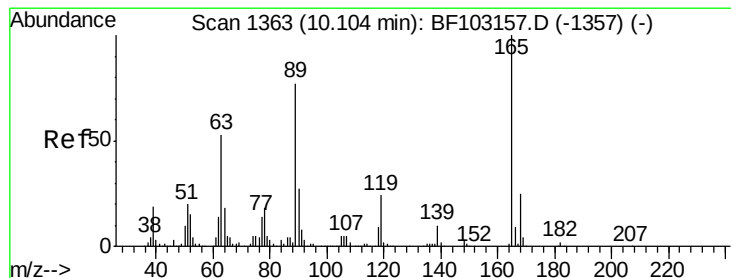
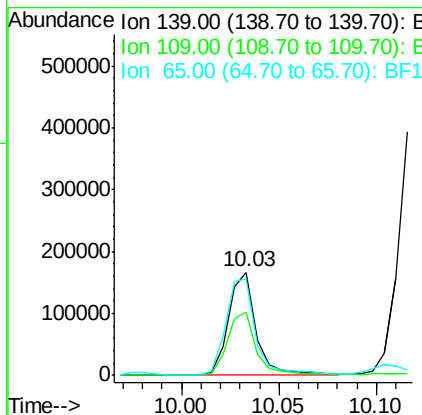
#55
4-Nitrophenol
Concen: 41.732 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Resp	Lower	Upper
139	100	163627		
109	61.6	48.4	88.4	
65	93.6	72.6	112.6	

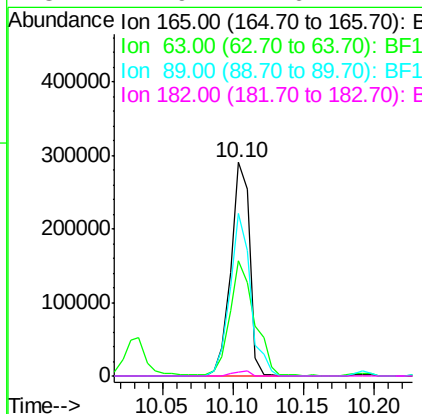
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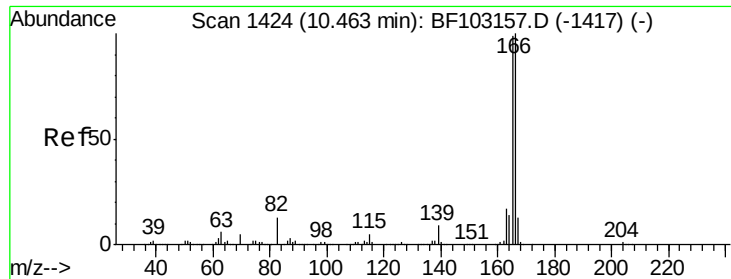
Sohil
2/23/2018 10:20:35 AM



#56
2,4-Dinitrotoluene
Concen: 42.809 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	269970		
63	54.1	36.4	54.6	
89	75.9	57.8	86.6	
182	1.9	1.6	2.4	





#57

Fluorene

Concen: 38.042 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

Tot Ion:166 Resp: 783699

Ion Ratio Lower Upper

166 100

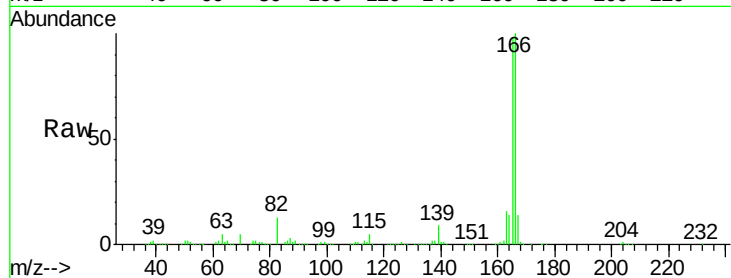
165 98.5 79.8 119.8

167 13.6 10.6 16.0

Manual Integrations
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Sohil

2/23/2018 10:20:35 AM



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

1200000

1000000

800000

600000

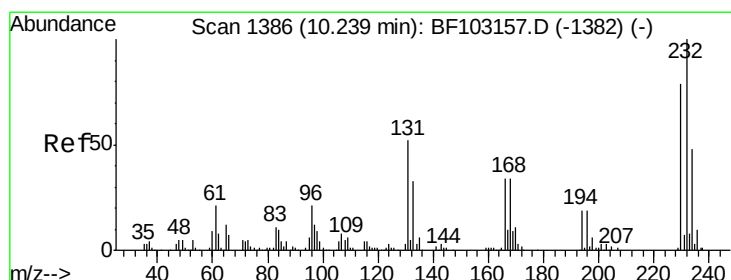
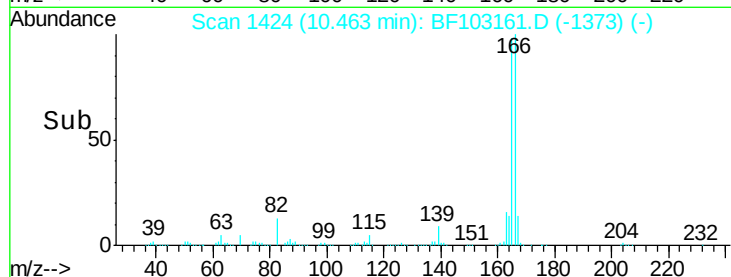
400000

200000

0

10.46

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.591 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:232 Resp: 175087

Ion Ratio Lower Upper

232 100

131 56.9 43.8 65.8

130 3.0 2.1 3.1

166 36.0 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

300000

250000

200000

150000

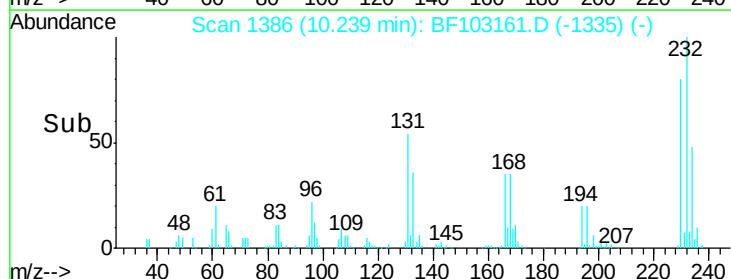
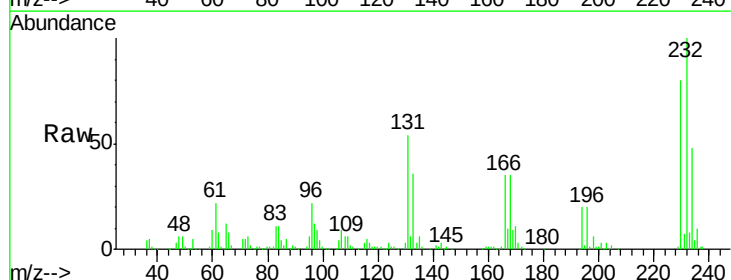
100000

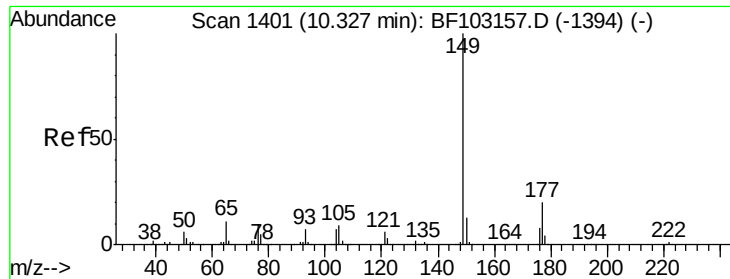
50000

0

10.24

Time-->





#59

Diethylphthalate

Concen: 40.285 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

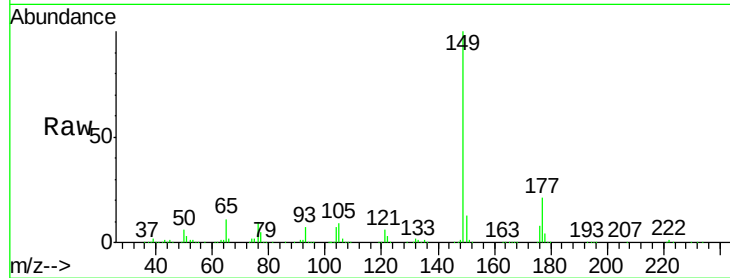
ClientSampleId :

ICVBF022218

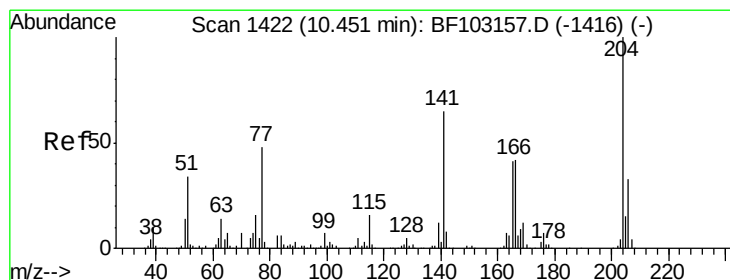
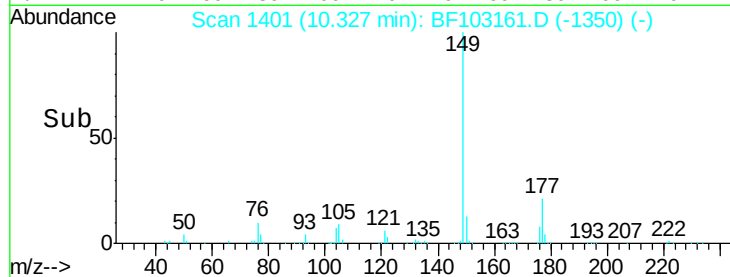
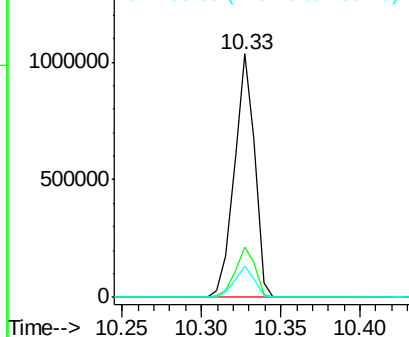
Tot Ion:	149	Resp:	915493
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.1	24.1
150	12.7	10.1	15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.942 ng

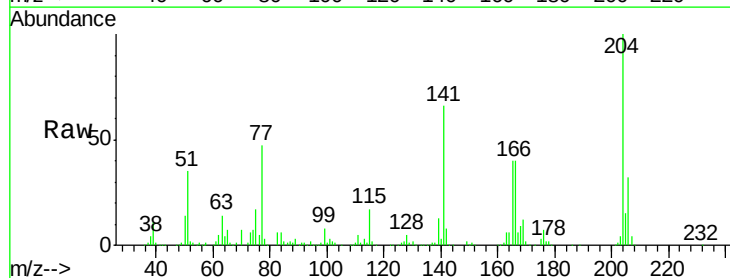
RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

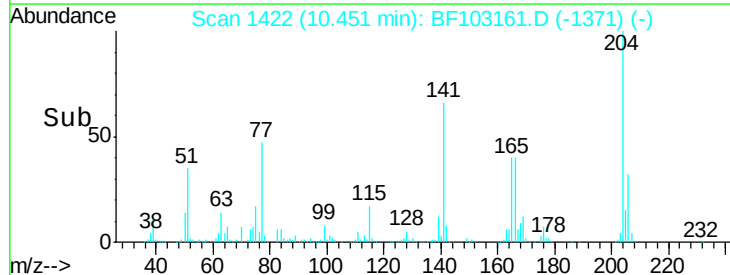
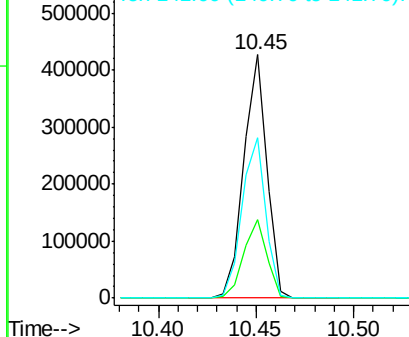
Lab File: BF103161.D

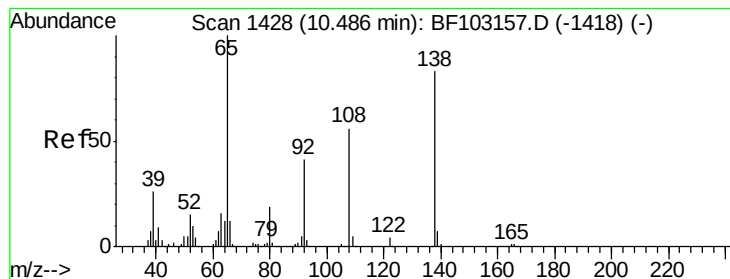
Acq: 22 Feb 2018 14:46

Tgt Ion:	204	Resp:	348941
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	65.9	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.517 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

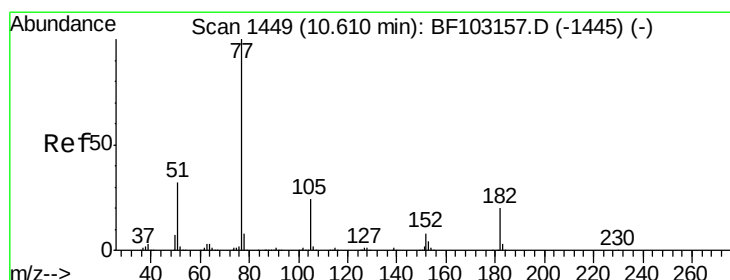
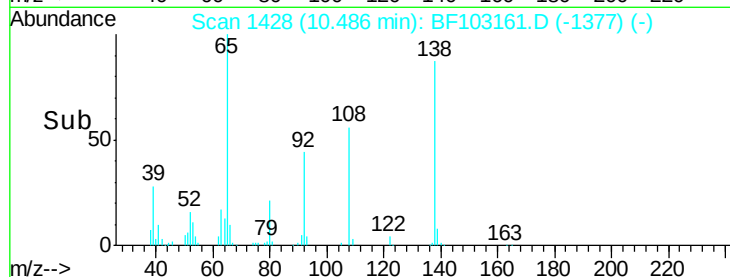
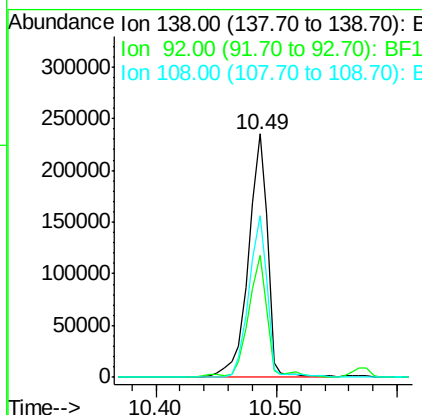
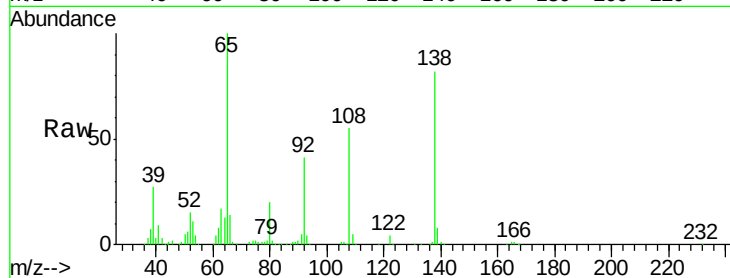
ClientSampleId :

ICVBF022218

Tot Ion:	138	Resp:	262341
Ion Ratio	Lower	Upper	
138	100		
92	50.3	30.2	70.2
108	66.3	52.5	92.5

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#62

Azobenzene

Concen: 40.769 ng

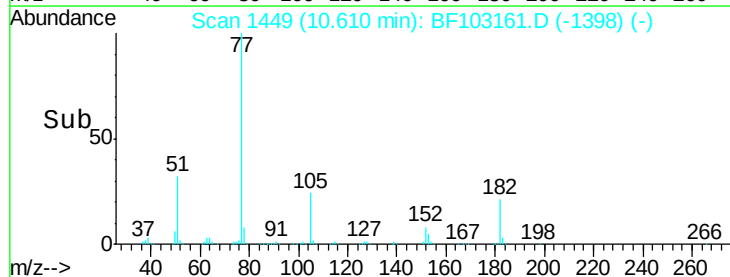
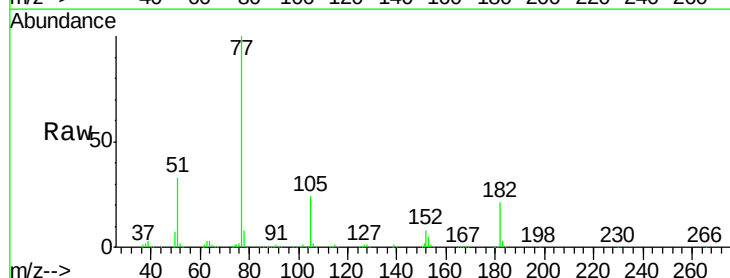
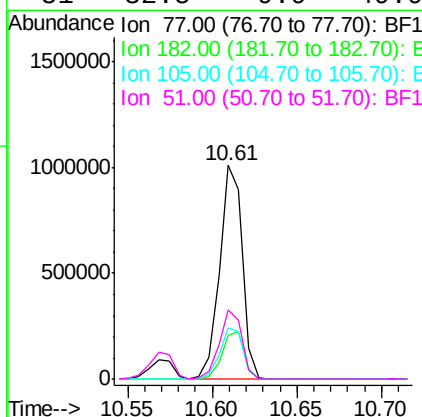
RT: 10.61 min Scan# 1449

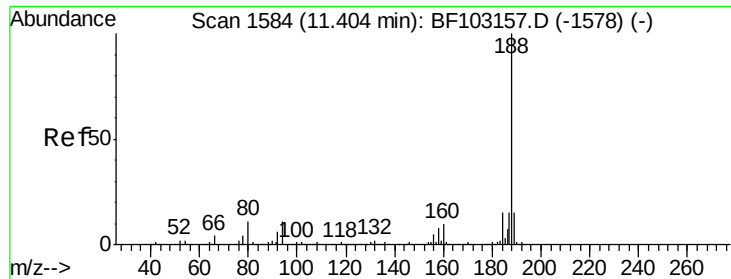
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	77	Resp:	943068
Ion Ratio	Lower	Upper	
77	100		
182	20.6	1.7	41.7
105	23.9	3.0	43.0
51	32.5	9.9	49.9





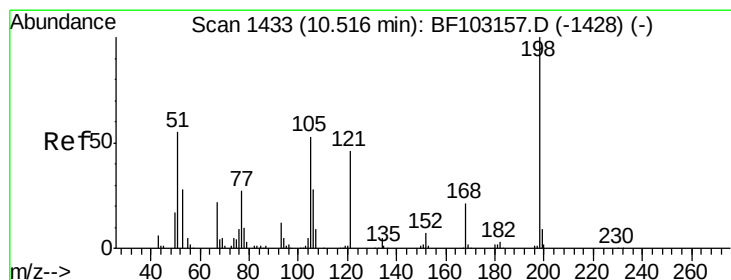
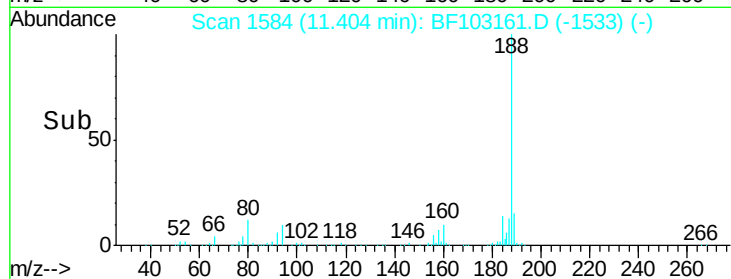
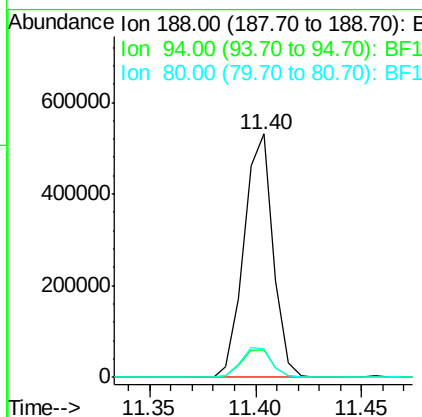
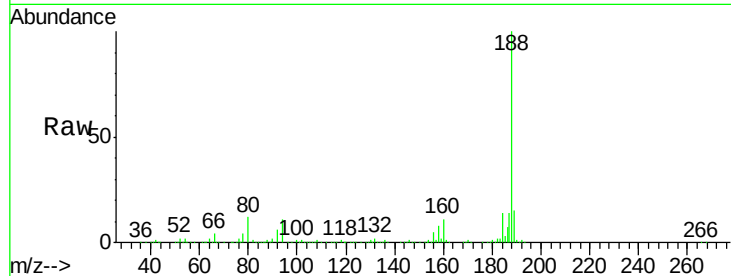
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.6	9.2	13.8

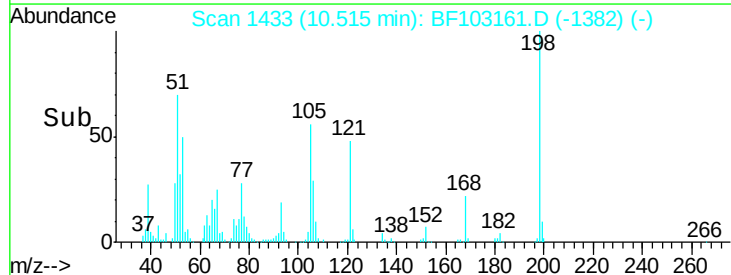
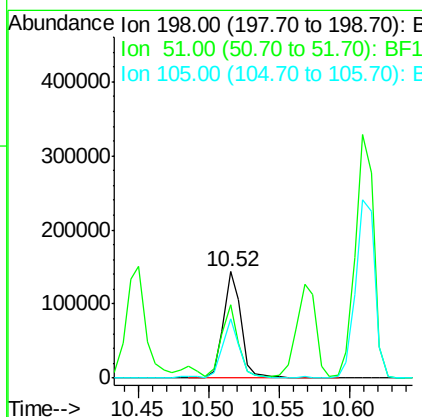
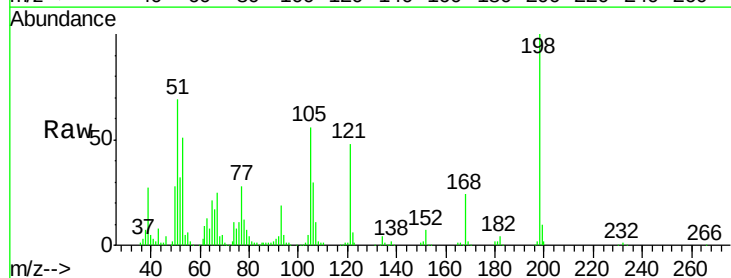
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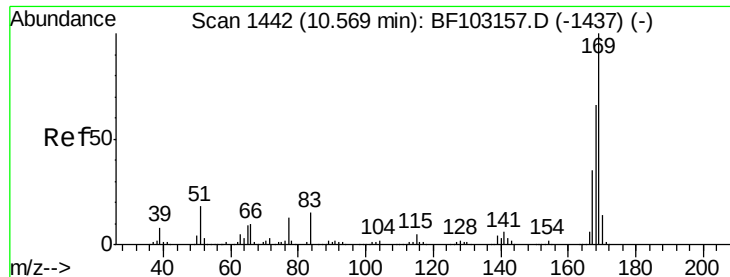
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.641 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	69.3	37.7	77.7
105	55.8	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 40.456 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

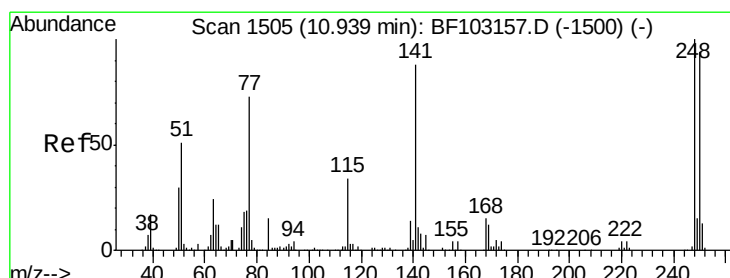
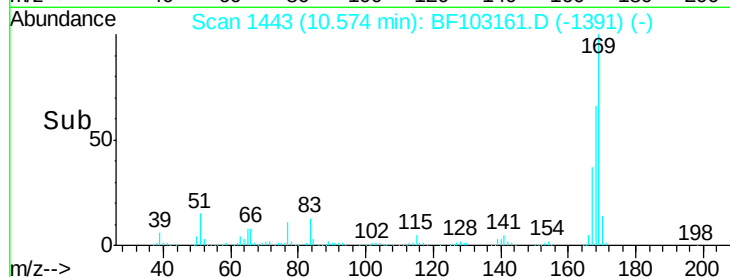
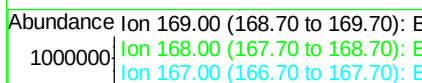
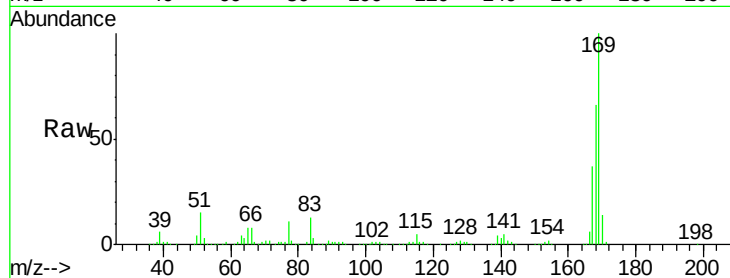
ClientSampleId :

ICVBF022218

Tot Ion:	169	Resp:	714881
Ion Ratio	Lower	Upper	
169	100		
168	66.1	54.4	81.6
167	36.9	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 40.759 ng

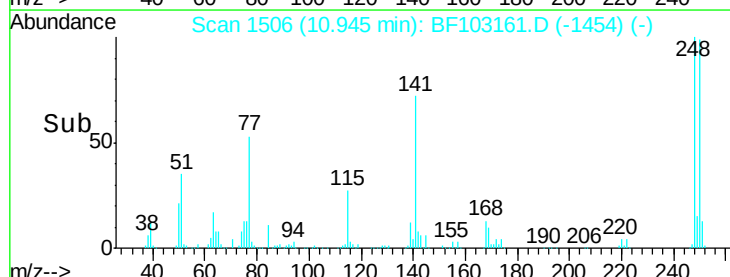
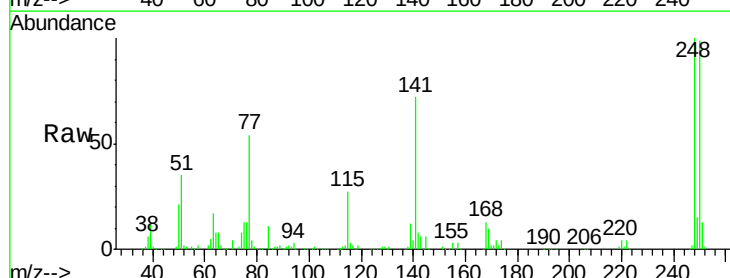
RT: 10.94 min Scan# 1506

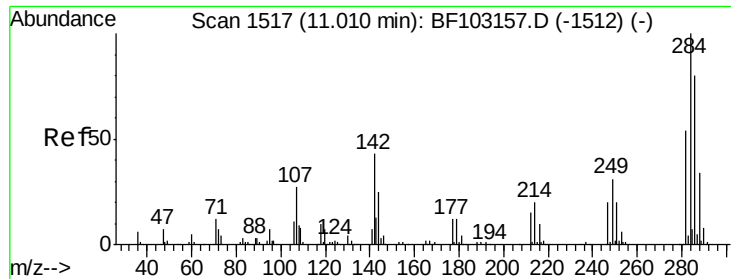
Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	248	Resp:	215481
Ion Ratio	Lower	Upper	
248	100		
250	98.6	76.9	115.3
141	72.1	74.4	111.6#





#67

Hexachlorobenzene

Concen: 41.655 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

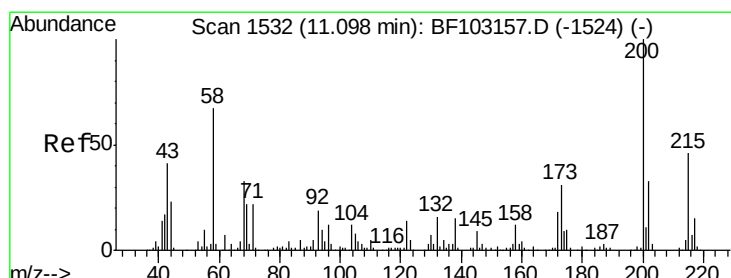
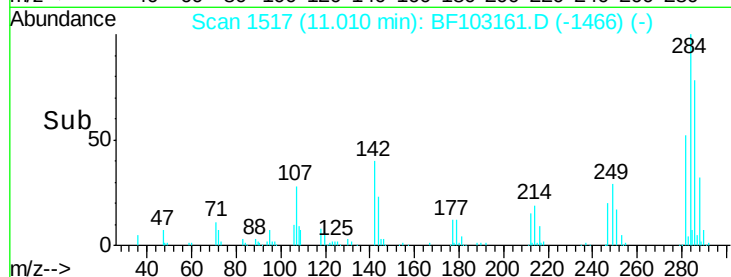
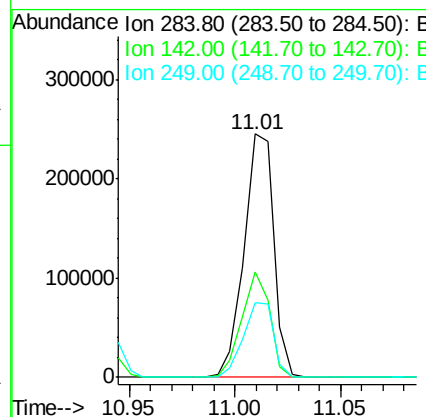
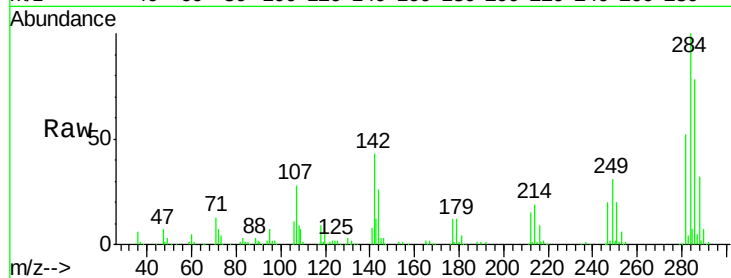
ClientSampleId :

ICVBF022218

Tot Ion:	284	Resp:	239023
Ion Ratio		Lower	Upper
284	100		
142	43.4	34.6	52.0
249	30.7	24.8	37.2

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#68

Atrazine

Concen: 39.787 ng

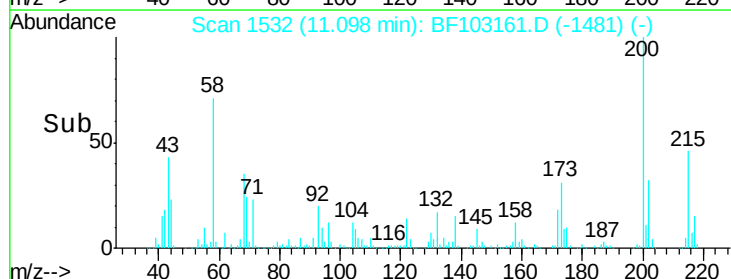
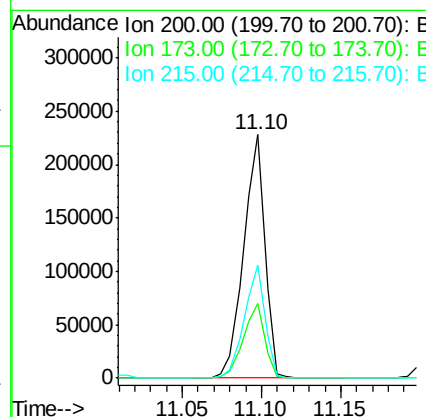
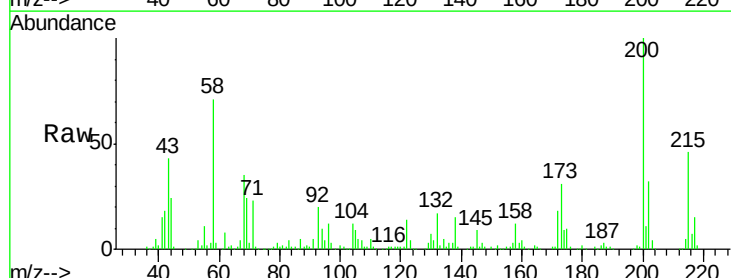
RT: 11.10 min Scan# 1532

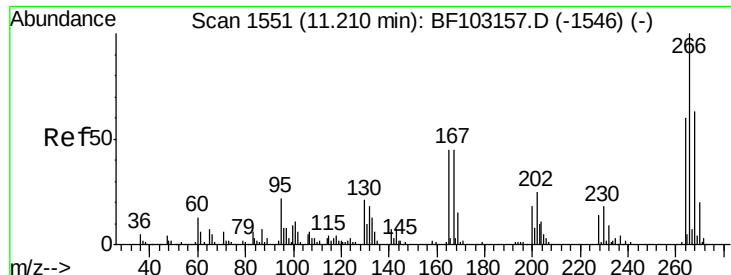
Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	200	Resp:	211319
Ion Ratio		Lower	Upper
200	100		
173	30.7	8.6	48.6
215	46.3	25.1	65.1





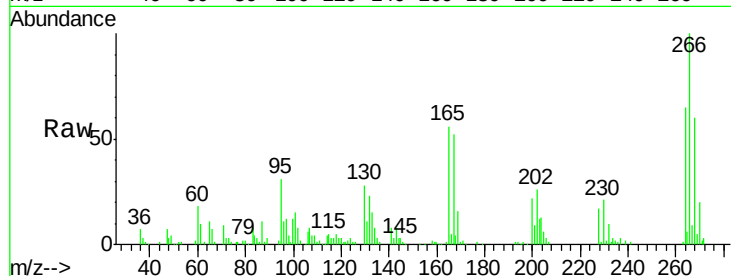
#69
 Pentachlorophenol
 Concen: 41.811 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

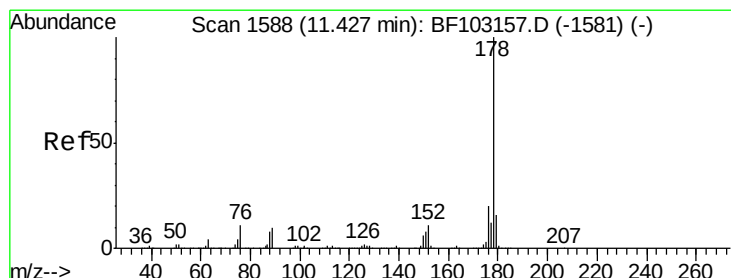
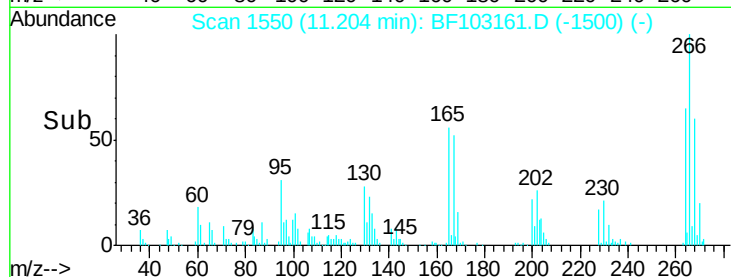
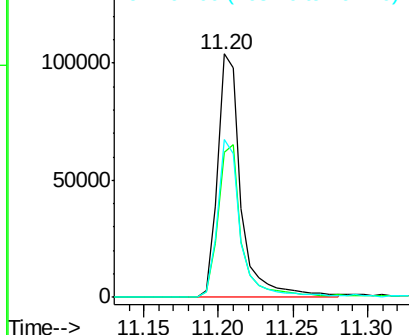
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.8	51.1	76.7
264	64.6	49.5	74.3

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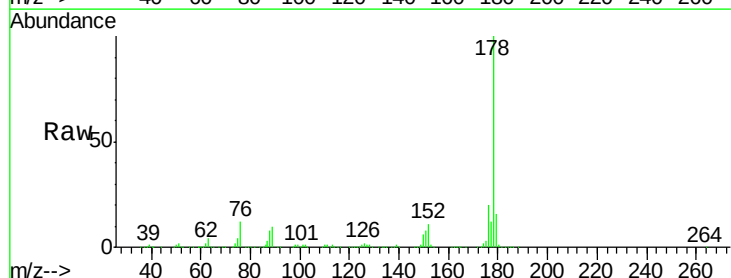


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

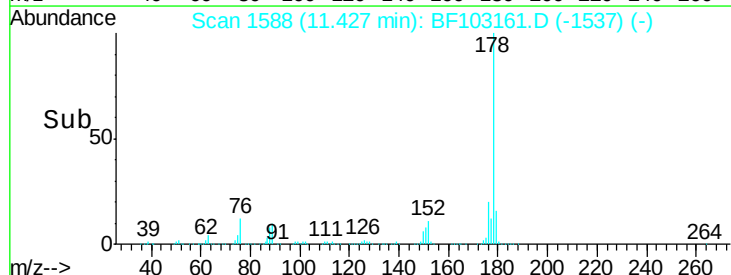
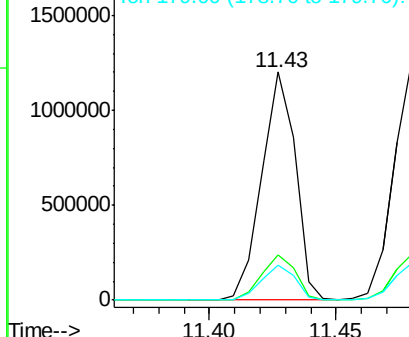


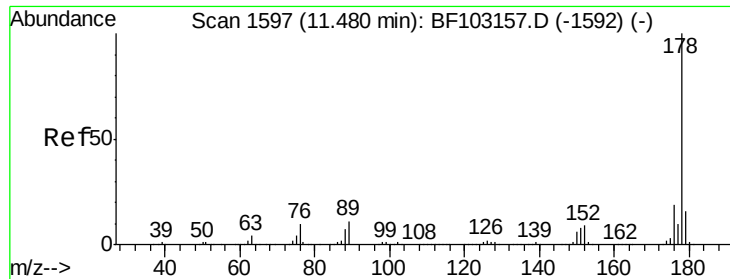
#70
 Phenanthrene
 Concen: 39.720 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





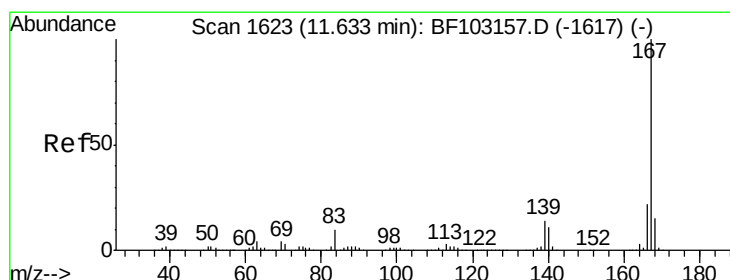
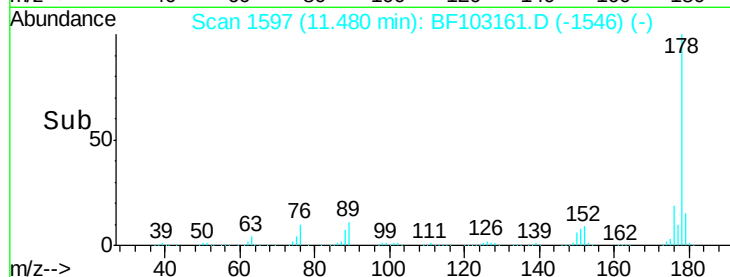
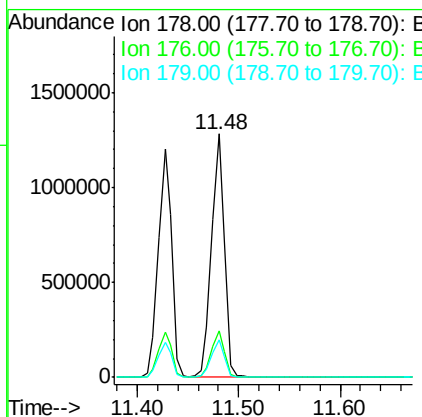
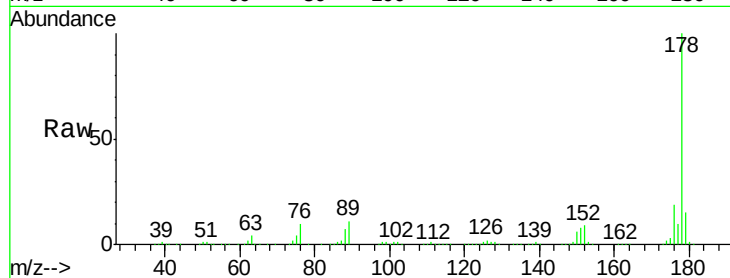
#71
 Anthracene
 Concen: 39.965 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.6	19.0

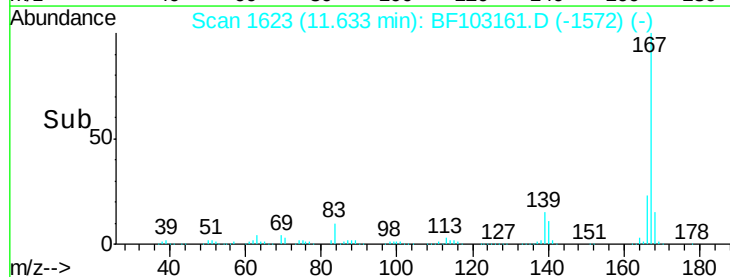
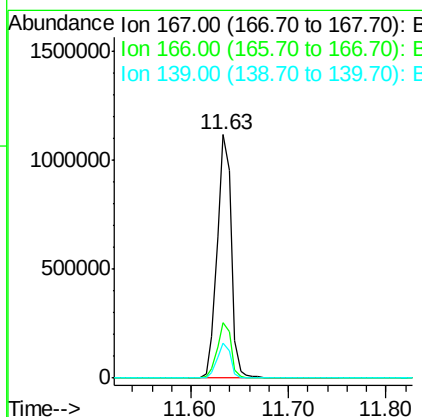
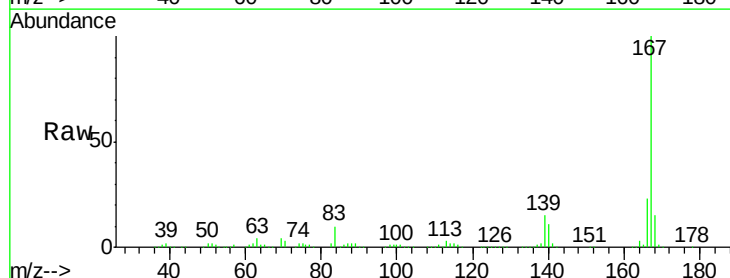
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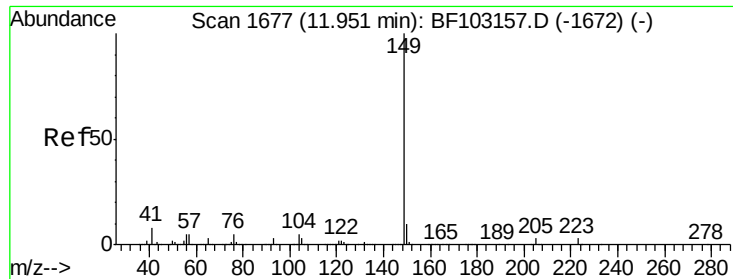
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#72
 Carbazole
 Concen: 39.561 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	14.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.729 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

Tot Ion:149 Resp: 1453528

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

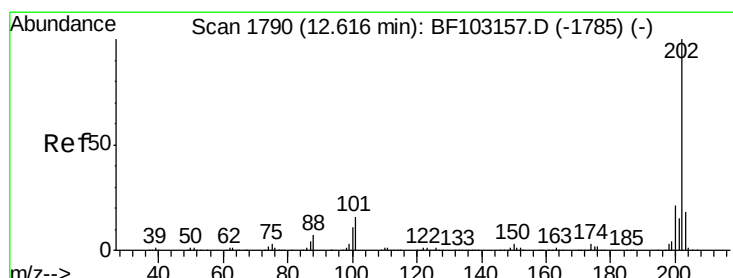
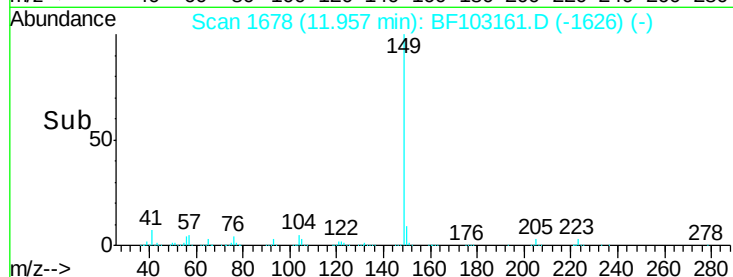
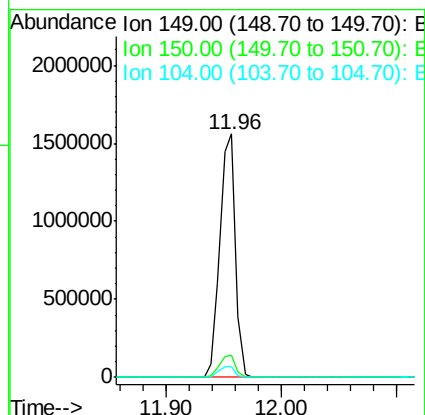
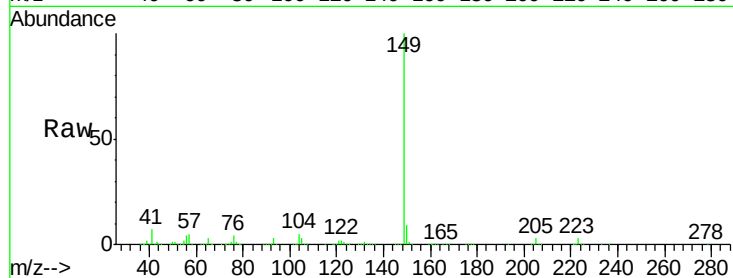
104 4.6 3.8 5.8

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#74

Fluoranthene

Concen: 39.743 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

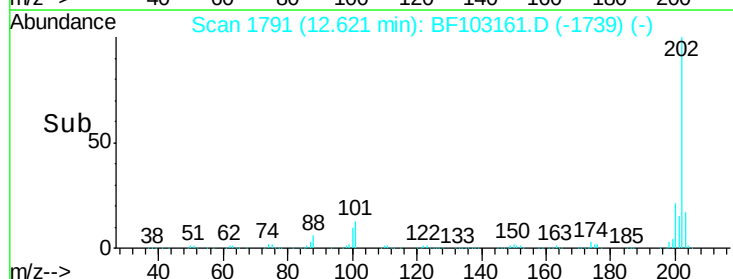
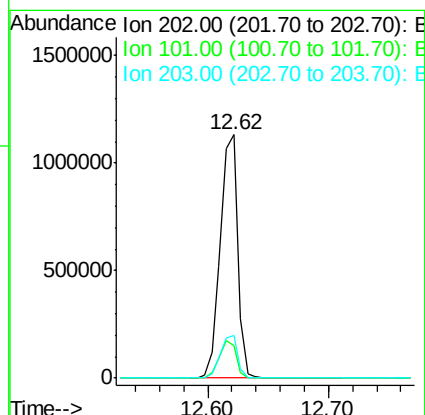
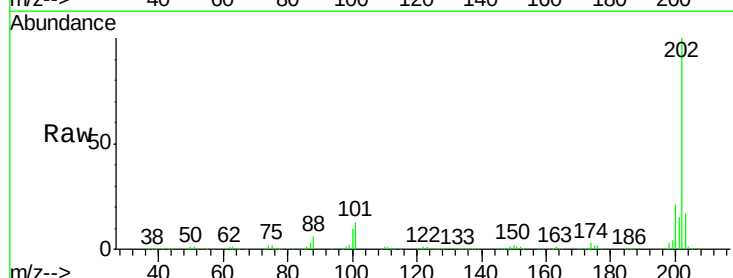
Tgt Ion:202 Resp: 1115444

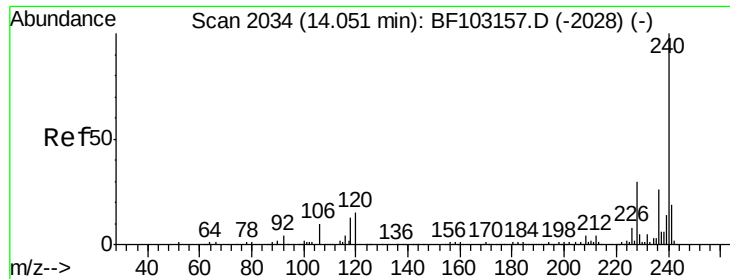
Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

203 17.4 0.0 38.1





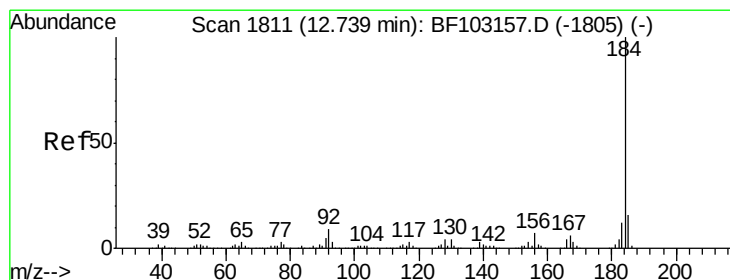
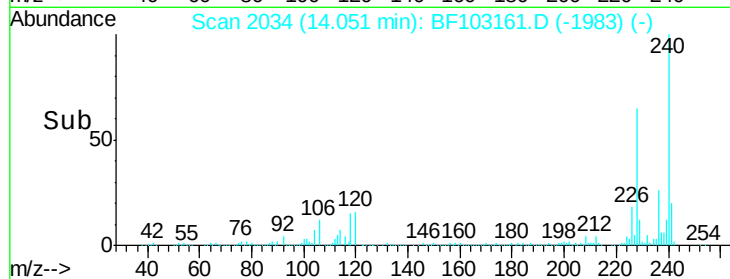
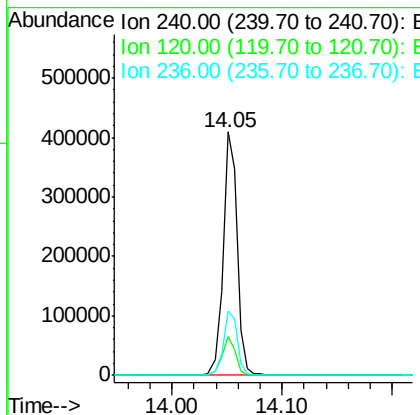
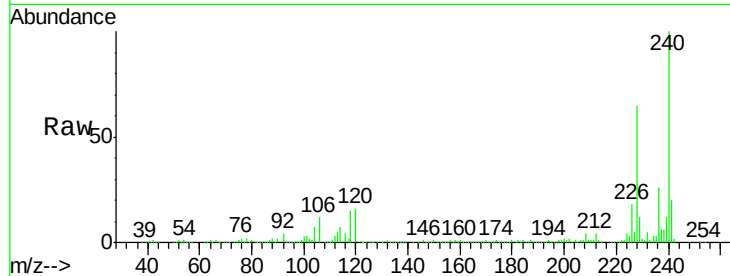
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3
236	26.3	20.7	31.1

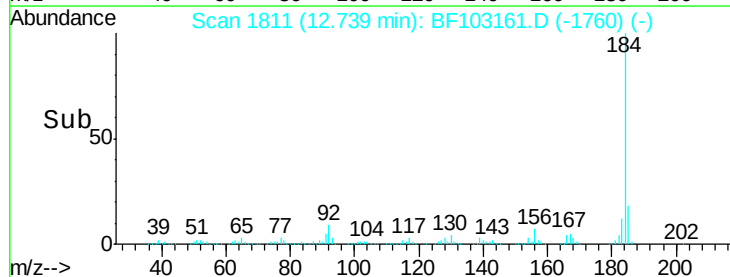
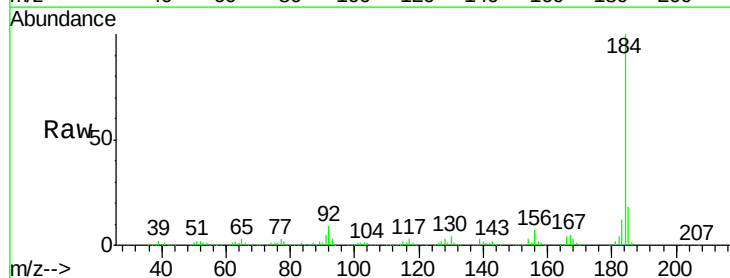
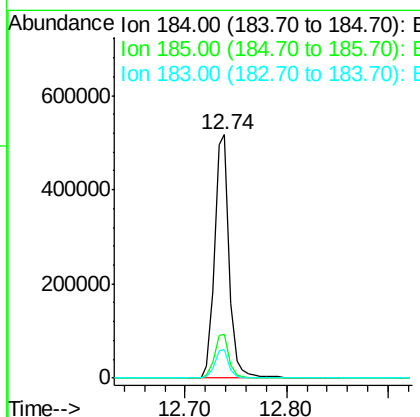
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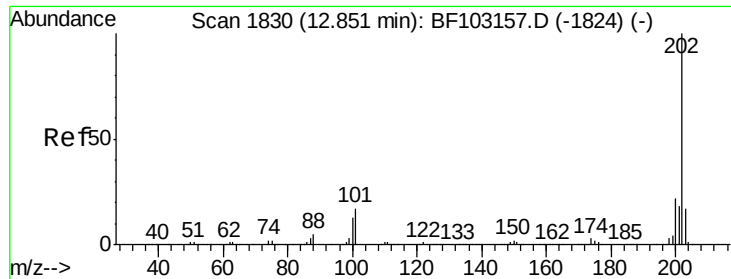
Sohil
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#76
Benzidine
Concen: 38.487 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.6	18.8
183	11.5	9.3	13.9





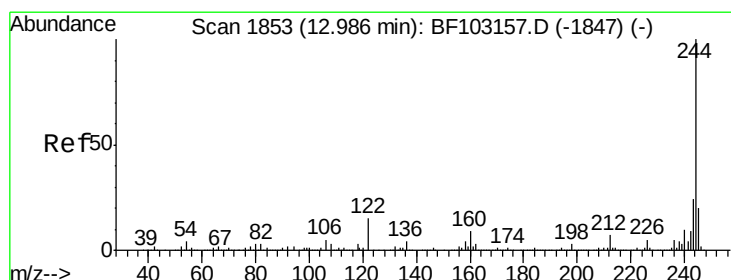
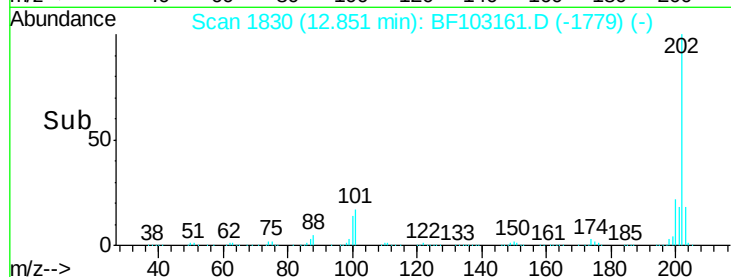
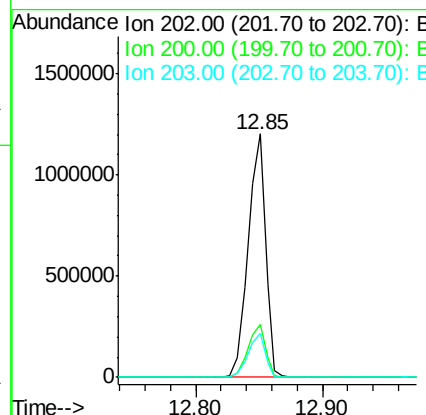
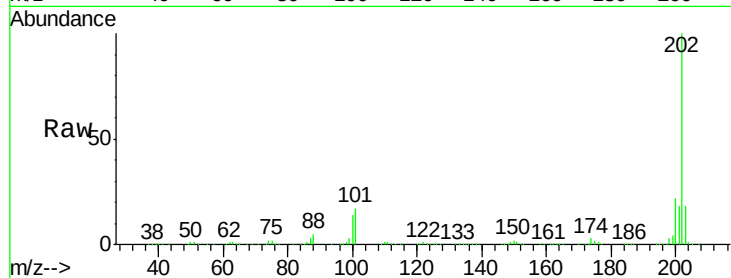
#77
Pvrene
Concen: 40.405 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5

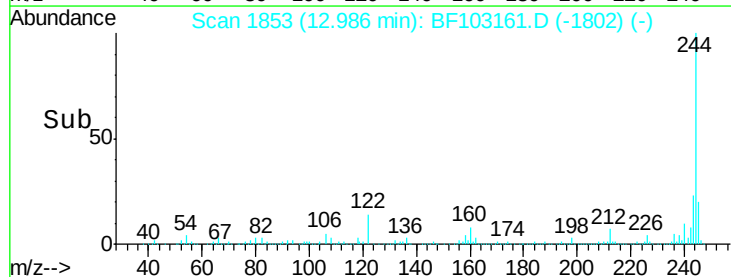
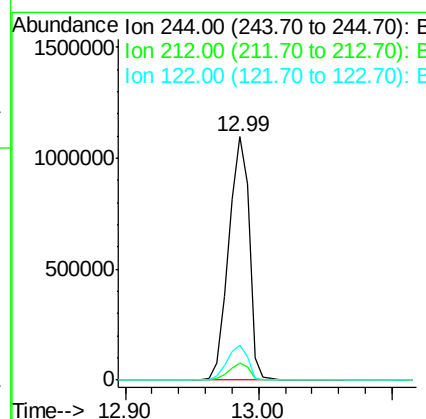
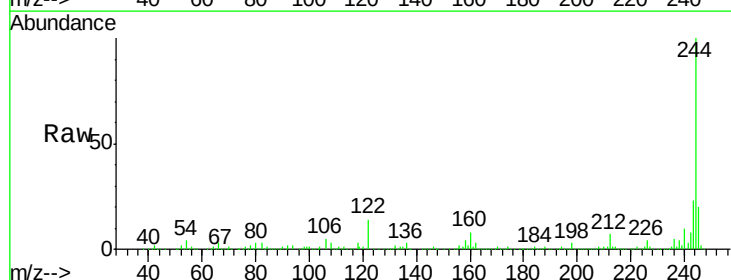
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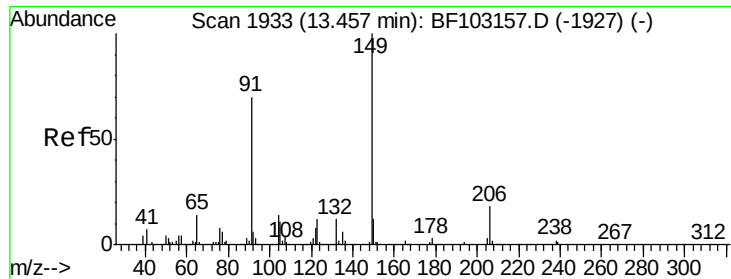
Sohil
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#78
Terphenyl-d14
Concen: 79.226 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4





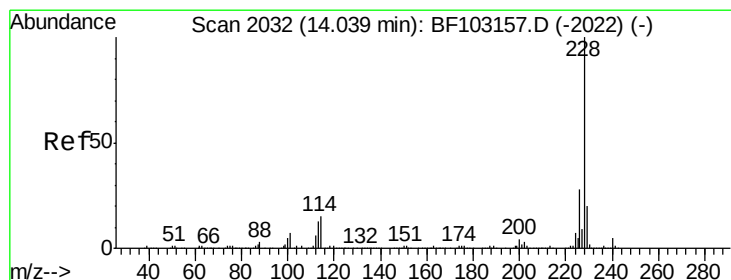
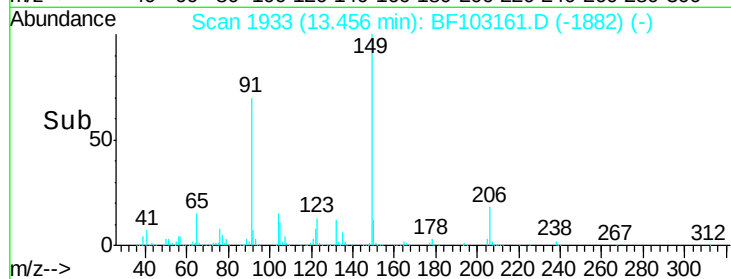
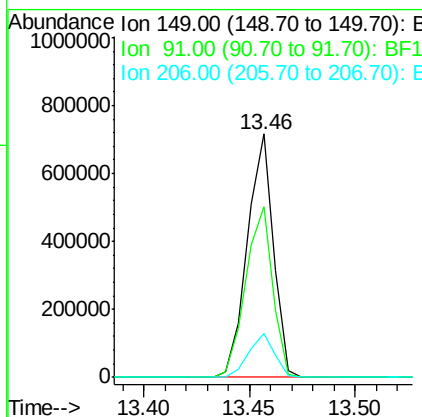
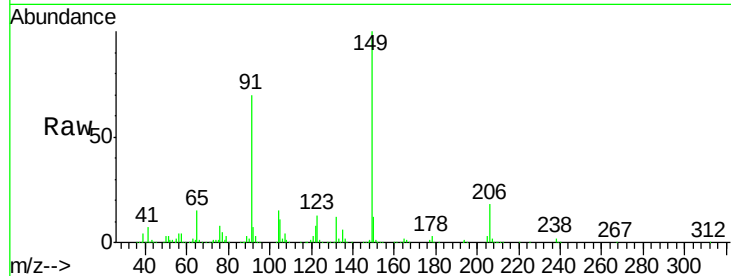
#79
Butylbenzylphthalate
Concen: 41.308 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Resp	Lower	Upper
149	100	615615		
91	70.3	56.8	85.2	
206	17.8	14.1	21.1	

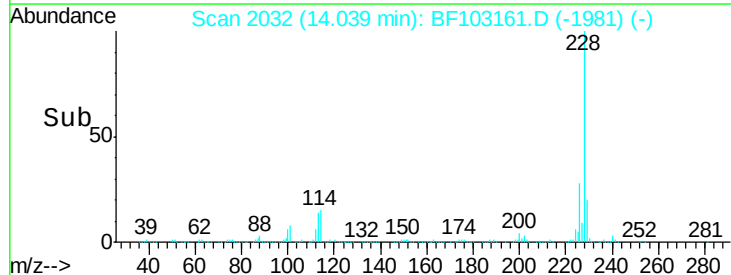
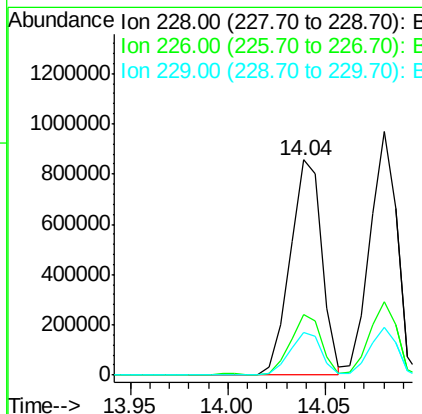
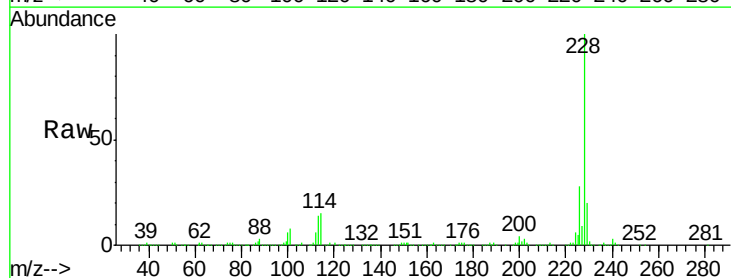
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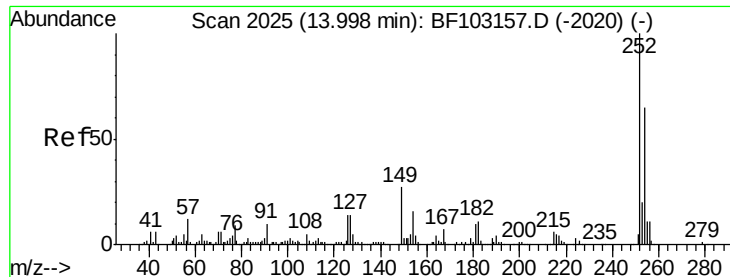
Sohil
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#80
Benzo(a)anthracene
Concen: 40.985 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	962077		
226	28.2	22.6	33.8	
229	19.9	15.8	23.6	





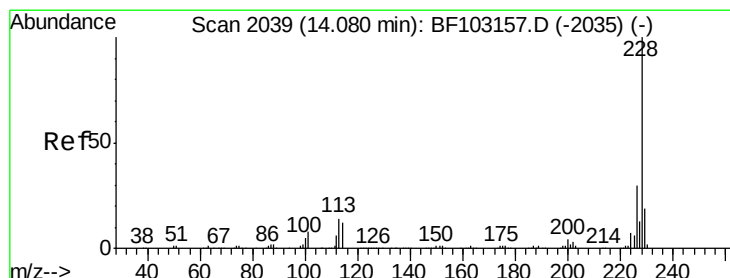
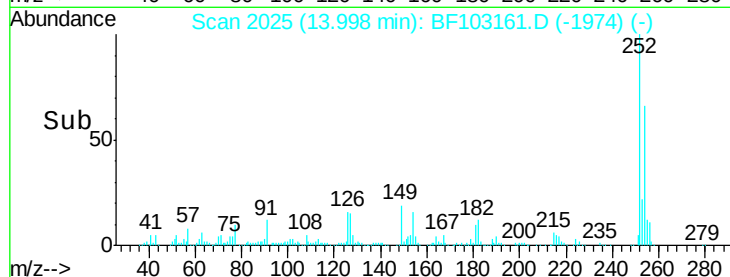
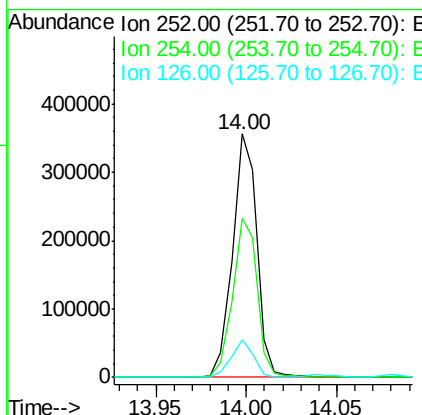
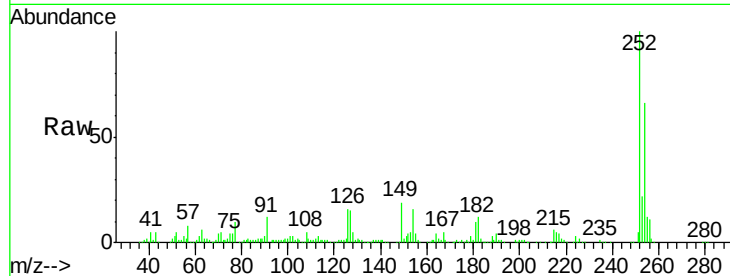
#81
 3,3'-Dichlorobenzidine
 Concen: 39.715 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	15.7	11.3	16.9

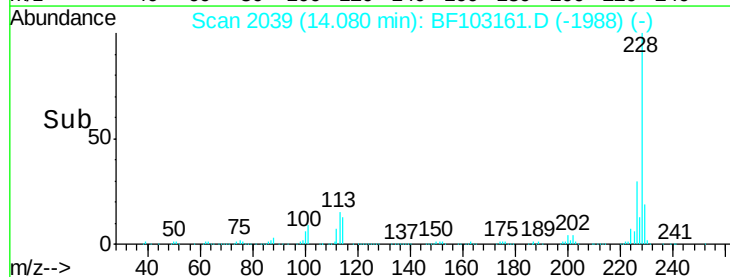
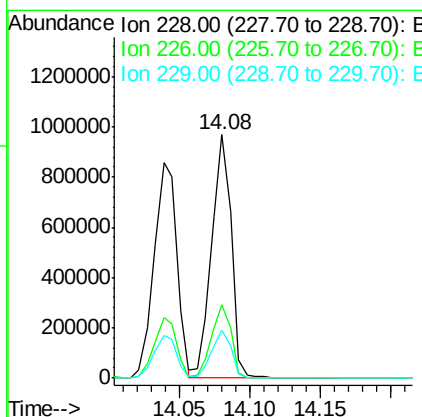
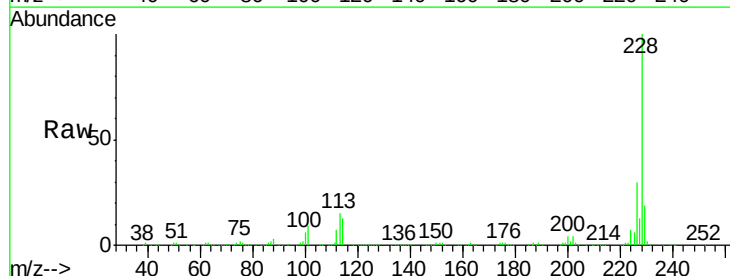
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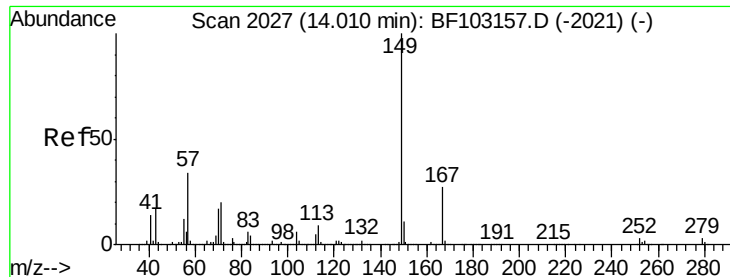
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#82
 Chrysene
 Concen: 41.063 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.292 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

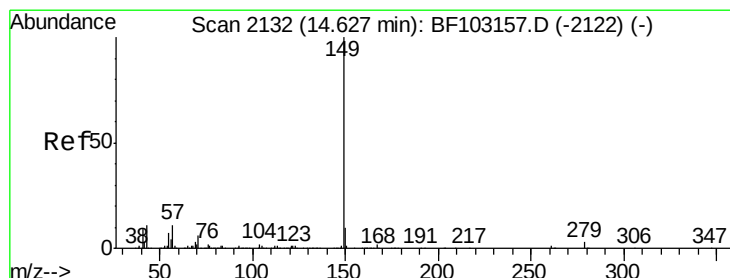
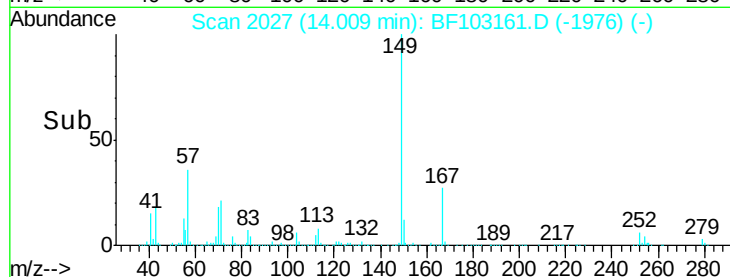
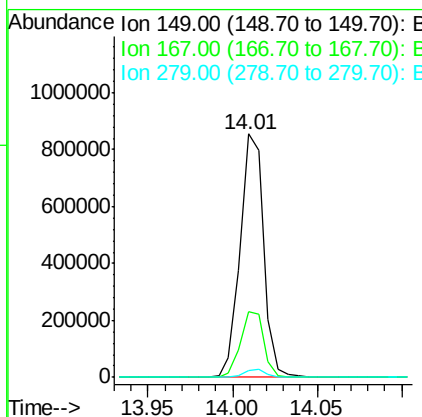
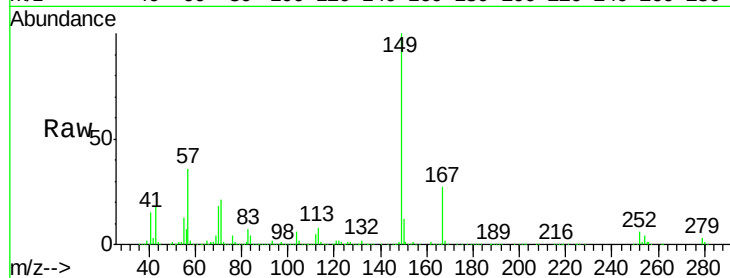
ClientSampleId :

ICVBF022218

Tot Ion:	149	Resp:	830423
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	2.8	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 41.515 ng

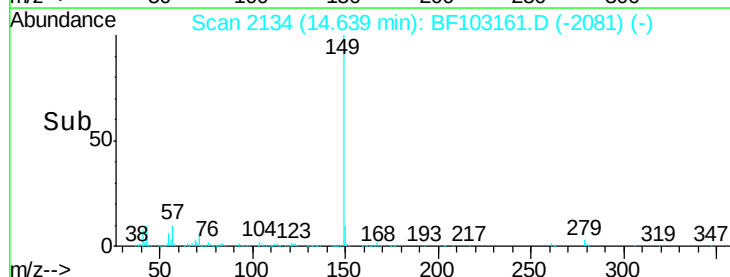
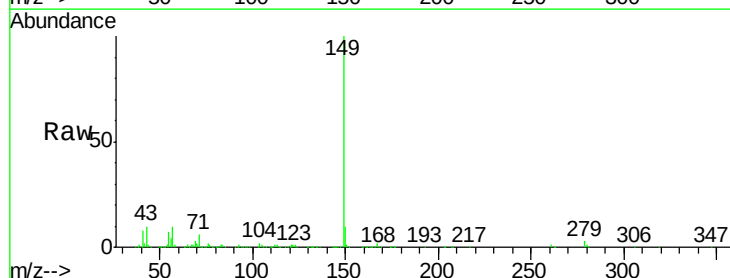
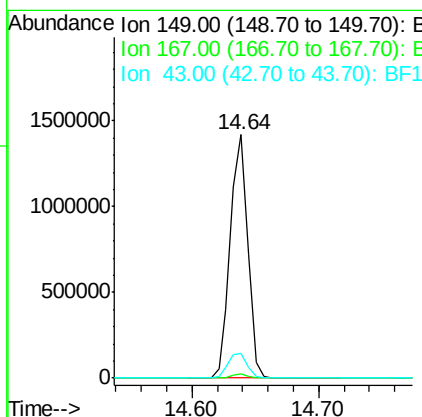
RT: 14.64 min Scan# 2134

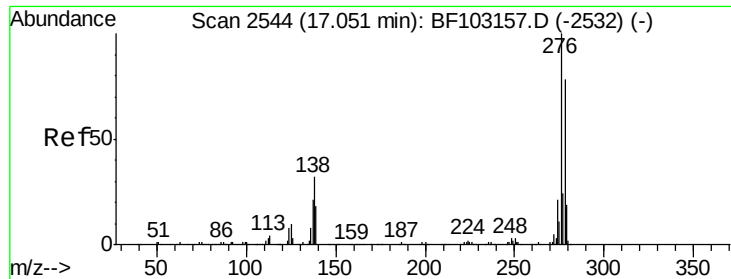
Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Tgt Ion:	149	Resp:	1348957
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.0	8.4	12.6





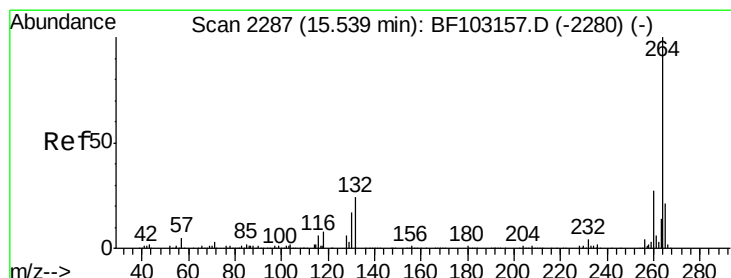
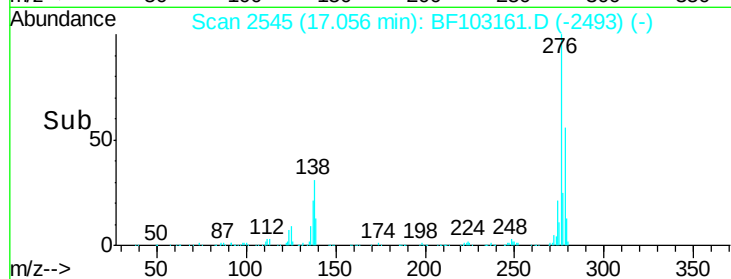
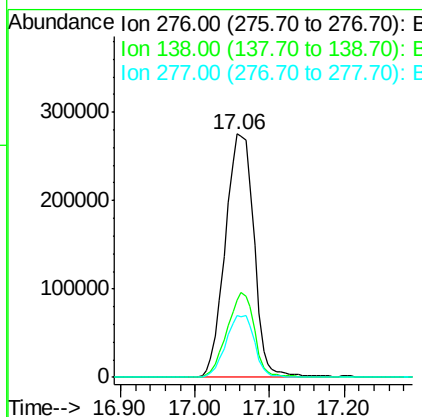
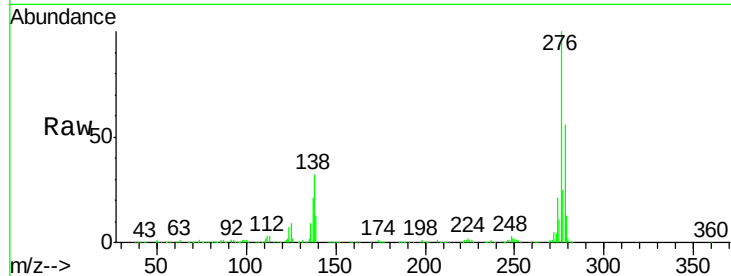
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.976 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	25.4	20.1	30.1

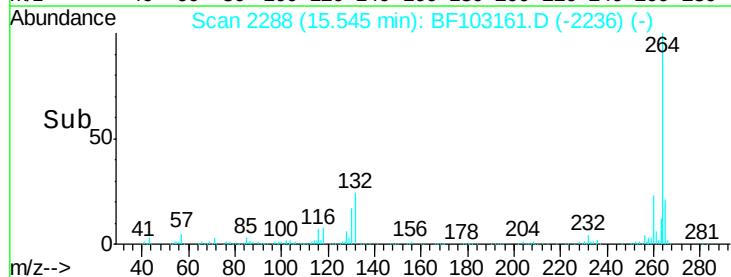
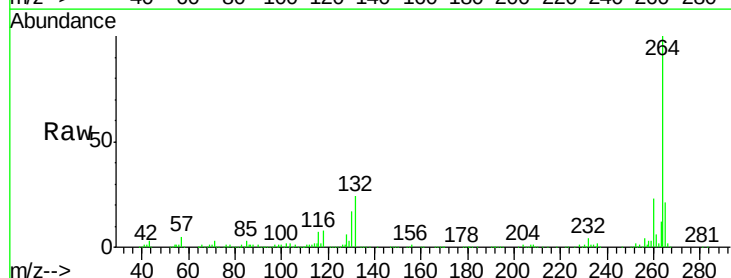
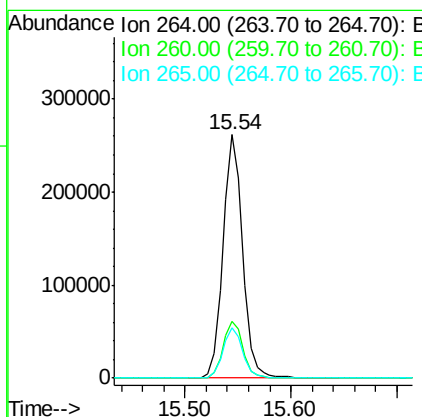
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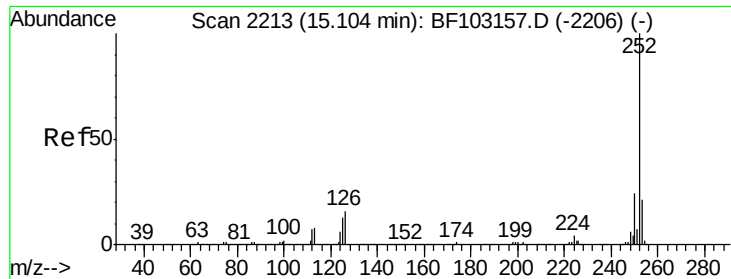
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.016 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

ICVBF022218

Tot Ion:252 Resp: 932728

Ion Ratio Lower Upper

252 100

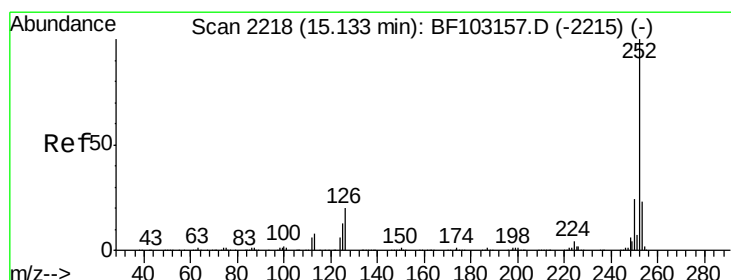
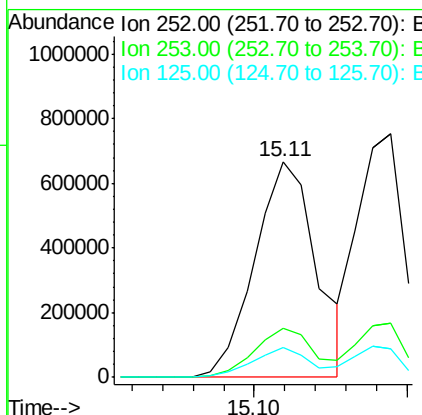
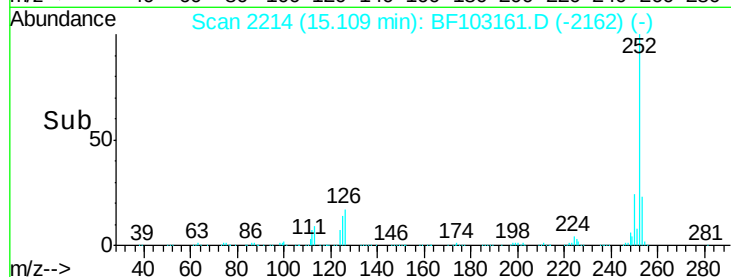
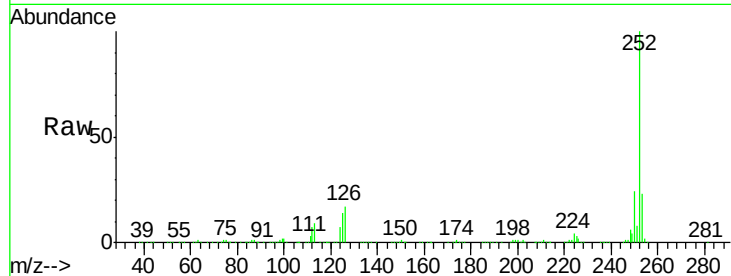
253 22.7 17.0 25.6

125 13.7 9.0 13.6#

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#88

Benzo(k)fluoranthene

Concen: 38.990 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF103161.D

Acq: 22 Feb 2018 14:46

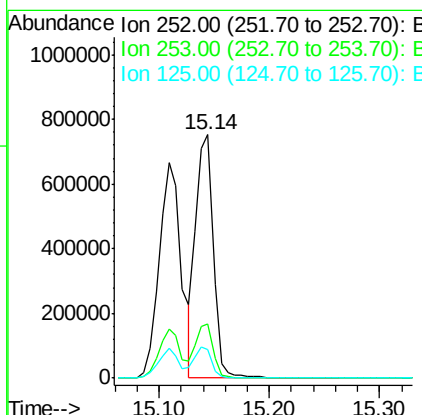
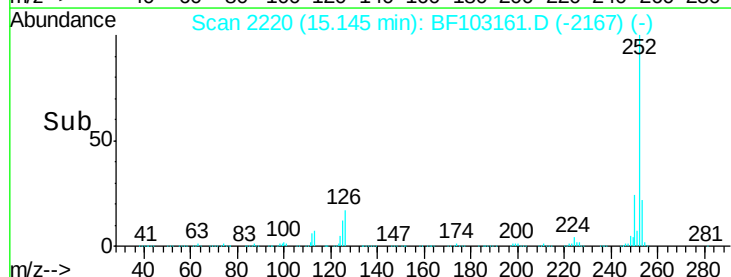
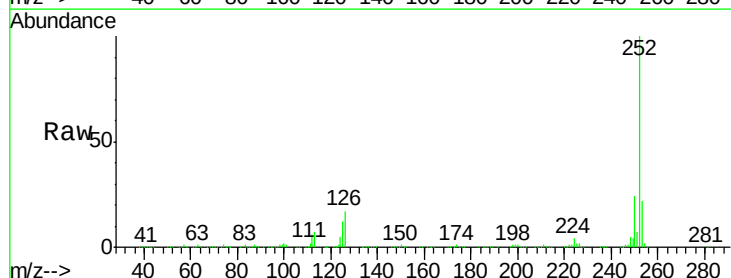
Tgt Ion:252 Resp: 815051

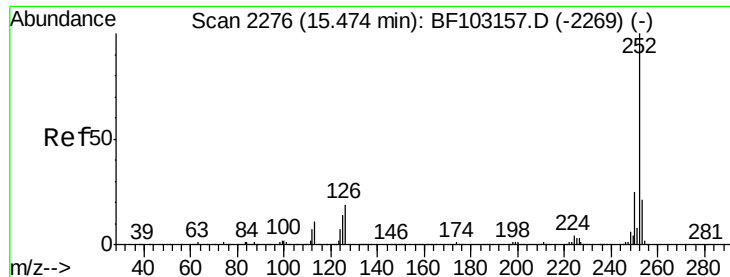
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 11.7 10.2 15.2





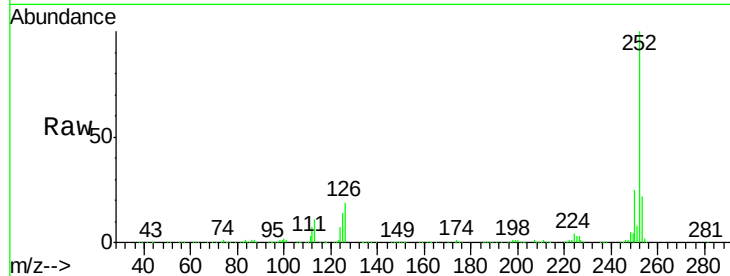
#89
Benzo(a)pyrene
Concen: 41.040 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
ICVBF022218

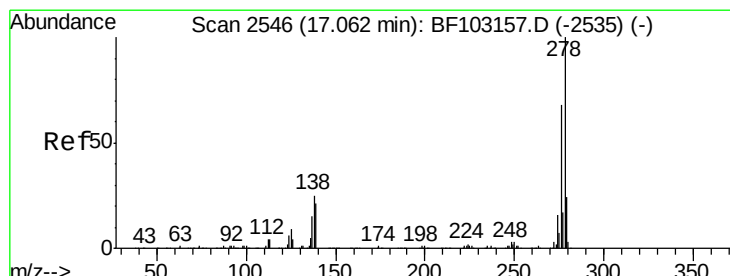
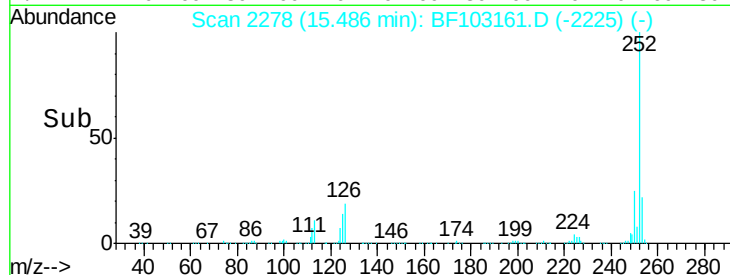
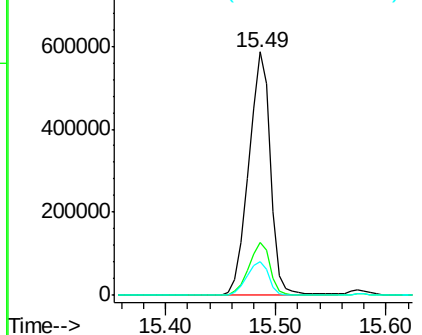
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.6	9.8	14.6

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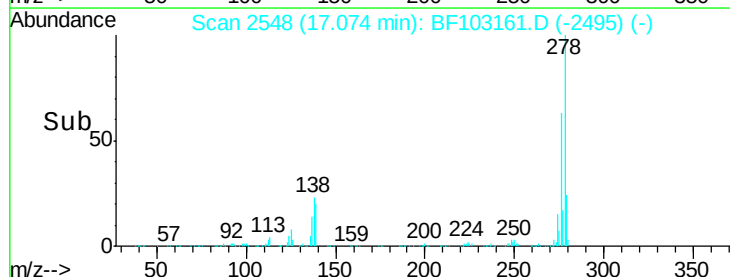
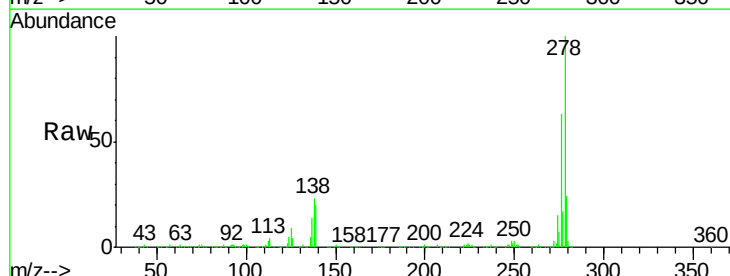
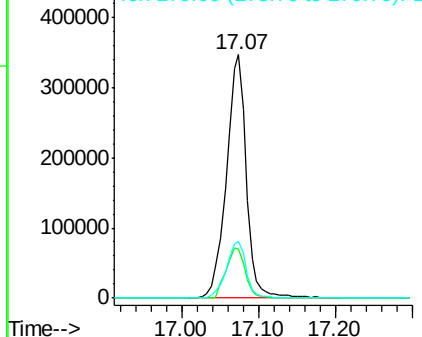
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

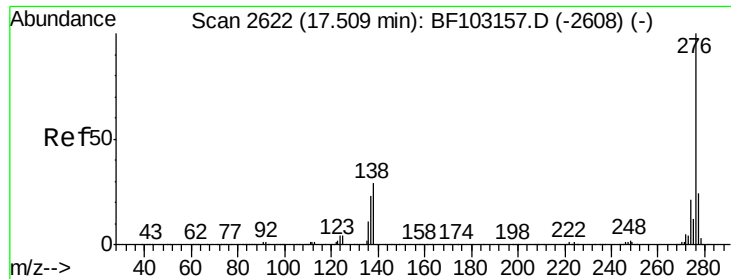


#90
Dibenzo(a,h)anthracene
Concen: 40.752 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF103161.D
Acq: 22 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.9	23.9
279	23.5	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.244 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF103161.D
 Acq: 22 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022218

Tot Ion:	276	Resp:	602499
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	28.3	21.8	32.8

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