

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103671.D
 Acq On : 15 Mar 2018 16:06
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:06:11 PM

Quant Time: Mar 15 18:00:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 16:35:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153466	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	633020	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	295289	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	522483	20.00	ng	0.00
75) Chrysene-d12	14.15	240	405918	20.00	ng	0.00
86) Perylene-d12	15.68	264	345197	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	984931	97.07	ng	0.00
7) Phenol-d6	6.59	99	1207544	97.25	ng	0.00
23) Nitrobenzene-d5	7.53	82	983482	88.73	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	266091	106.46	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1696013	97.64	ng	0.00
78) Terphenyl-d14	13.09	244	1623561	96.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	247543	46.190	ng	93
3) Pyridine	3.60	79	685133	47.886	ng	90
4) n-Nitrosodimethylamine	3.56	42	252101	43.690	ng	95
6) Aniline	6.63	93	873079	48.722	ng	100
8) 2-Chlorophenol	6.76	128	523172	49.632	ng	94
9) Benzaldehyde	6.52	77	392602	50.441	ng	98
10) Phenol	6.60	94	644118	44.687	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	531498	48.583	ng	97
12) 1,3-Dichlorobenzene	6.91	146	586629	48.699	ng	98
13) 1,4-Dichlorobenzene	6.99	146	583387	48.305	ng	98
14) 1,2-Dichlorobenzene	7.14	146	546970	49.117	ng	99
15) Benzyl Alcohol	7.10	79	473812	50.641	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	754058	40.139	ng	96
17) 2-Methylphenol	7.21	107	466692	48.718	ng	99
18) Hexachloroethane	7.48	117	216396	49.219	ng	92
19) n-Nitroso-di-n-propylamine	7.38	70	381966	49.429	ng	96
20) 3+4-Methylphenols	7.36	107	590797	50.594	ng	97
22) Acetophenone	7.38	105	773252	52.332	ng	# 95
24) Nitrobenzene	7.56	77	564532	46.258	ng	96
25) Isophorone	7.79	82	1035163	47.417	ng	99
26) 2-Nitrophenol	7.87	139	203880	35.487	ng	94
27) 2,4-Dimethylphenol	7.89	122	450139	51.258	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	620581	48.349	ng	100
29) 2,4-Dichlorophenol	8.10	162	418990	49.834	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	461420	51.536	ng	99
31) Naphthalene	8.27	128	1523015	49.143	ng	99
32) Benzoic acid	8.02	122	321568m	55.473	ng	
33) 4-Chloroaniline	8.32	127	658735	49.257	ng	97
34) Hexachlorobutadiene	8.39	225	250425	53.712	ng	98
35) Caprolactam	8.70	113	145119	49.111	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	455678	48.051	ng	98
37) 2-Methylnaphthalene	8.96	142	975099	48.684	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	407074	50.427	ng	99
40) Hexachlorocyclopentadiene	9.12	237	231920	103.438	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	280758	51.687	ng	97
43) 2,4,5-Trichlorophenol	9.27	196	317799	50.869	ng	97
45) 1,1'-Biphenyl	9.43	154	1176930	47.565	ng	99
46) 2-Chloronaphthalene	9.46	162	927920	47.402	ng	99
47) 2-Nitroaniline	9.55	65	262166	36.155	ng	99
48) Acenaphthylene	9.87	152	1442443	47.891	ng	99
49) Dimethylphthalate	9.73	163	1096538	46.290	ng	99
50) 2,6-Dinitrotoluene	9.79	165	224110	45.082	ng	97
51) Acenaphthene	10.05	154	863581	49.171	ng	99
52) 3-Nitroaniline	9.96	138	266911	42.320	ng	97
53) 2,4-Dinitrophenol	10.06	184	49068	35.534	ng	# 20
54) Dibenzofuran	10.22	168	1220403	50.620	ng	97
55) 4-Nitrophenol	10.10	139	201786	51.622	ng	96
56) 2,4-Dinitrotoluene	10.19	165	282472	44.929	ng	93
57) Fluorene	10.56	166	936402	45.594	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	226883	54.061	ng	99
59) Diethylphthalate	10.43	149	1075684	47.479	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	422641	48.527	ng	97
61) 4-Nitroaniline	10.58	138	257810	40.925	ng	94
62) Azobenzene	10.71	77	1090617	47.292	ng	99
64) 4,6-Dinitro-2-methylphenol	10.60	198	99283	33.984	ng	86
65) n-Nitrosodiphenylamine	10.67	169	862255	47.397	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	262845	48.293	ng	# 87
67) Hexachlorobenzene	11.11	284	293613	49.702	ng	# 90
68) Atrazine	11.19	200	272363	49.811	ng	100
69) Pentachlorophenol	11.30	266	184743	64.677	ng	97
70) Phenanthrene	11.53	178	1357165	47.199	ng	99
71) Anthracene	11.58	178	1383315	46.916	ng	100
72) Carbazole	11.73	167	1347124	45.879	ng	99
73) Di-n-butylphthalate	12.06	149	1642813	44.713	ng	99
74) Fluoranthene	12.72	202	1395287	48.289	ng	98
76) Benzidine	12.84	184	868283	57.217	ng	97
77) Pyrene	12.95	202	1444791	45.652	ng	100
79) Butylbenzylphthalate	13.56	149	681655	40.767	ng	97
80) Benzo(a)anthracene	14.14	228	1248965	47.422	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	431789	45.939	ng	98
82) Chrysene	14.18	228	1175106	45.951	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	970012	42.989	ng	100
84) Di-n-octyl phthalate	14.74	149	1459808	40.042	ng	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	999291	49.358	ng	97
87) Benzo(b)fluoranthene	15.23	252	1142274	50.328	ng	98
88) Benzo(k)fluoranthene	15.26	252	998925	46.739	ng	100
89) Benzo(a)pyrene	15.62	252	983050	48.503	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	837737	53.491	ng	98
91) Benzo(g,h,i)perylene	17.72	276	799005	52.201	ng	96

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

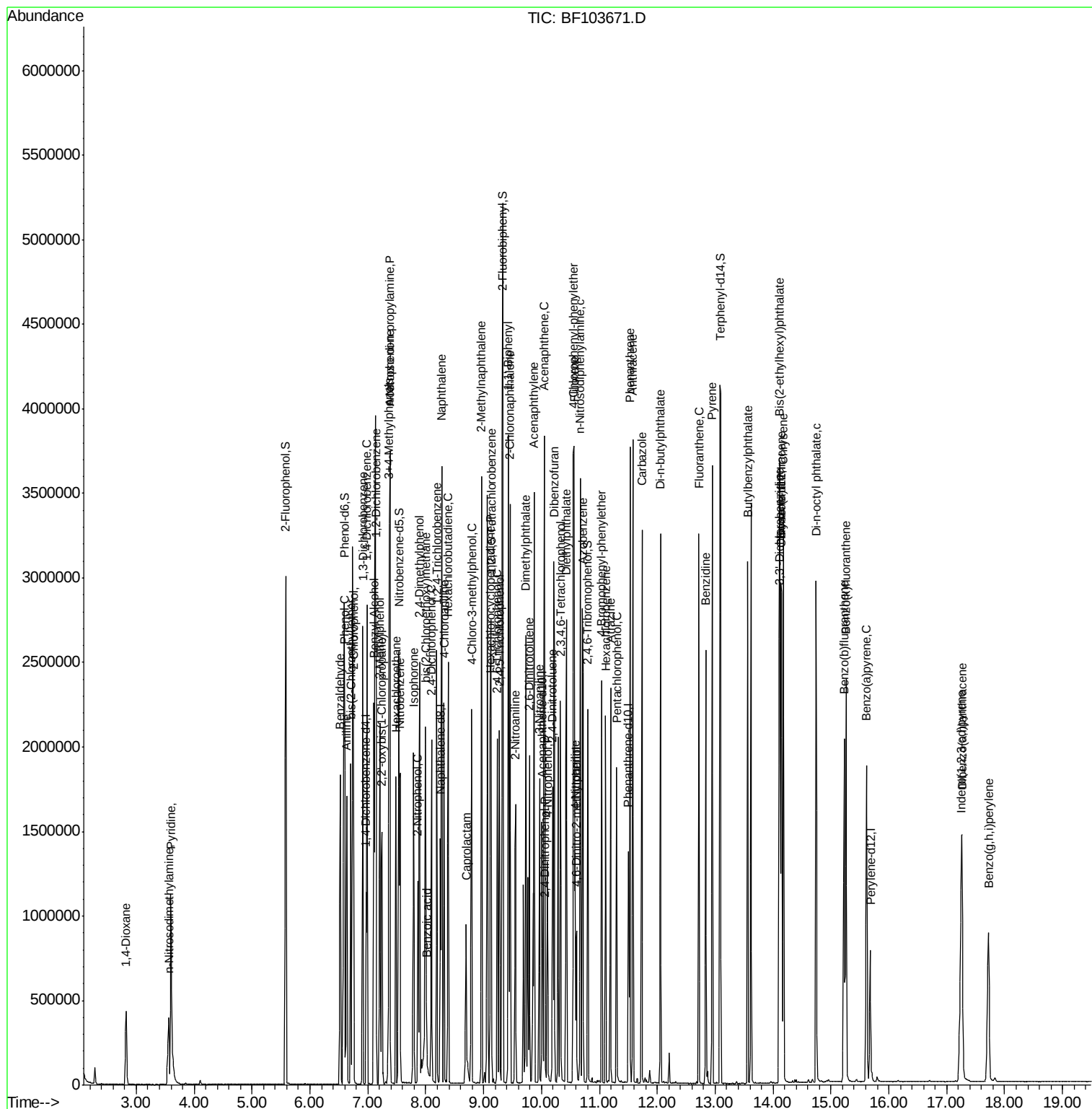
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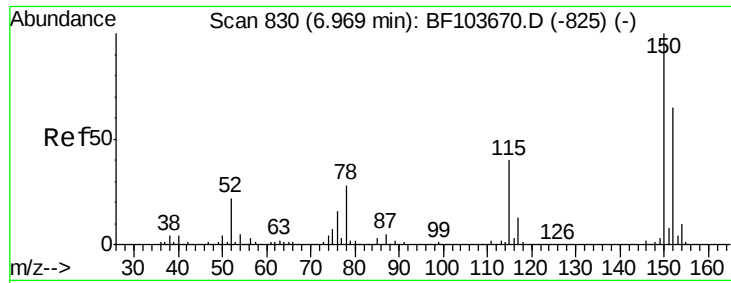
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ClientSampleID :
SSTDICC050

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#1

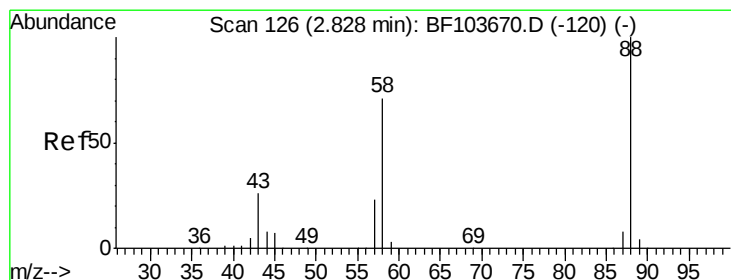
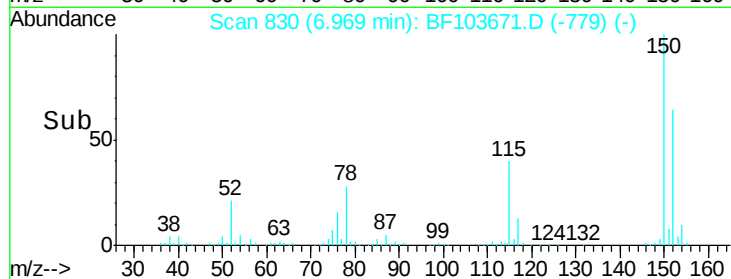
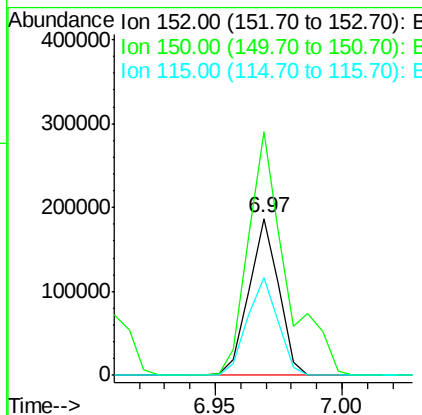
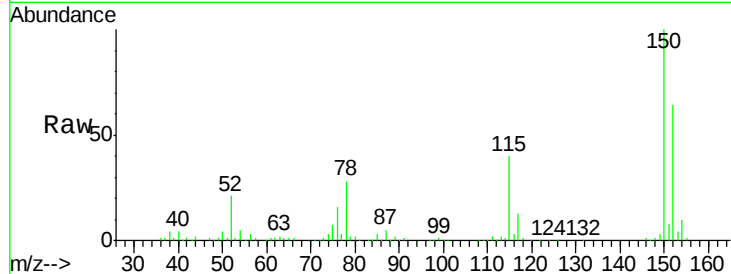
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	62.4	50.1	75.1

Manual Integrations
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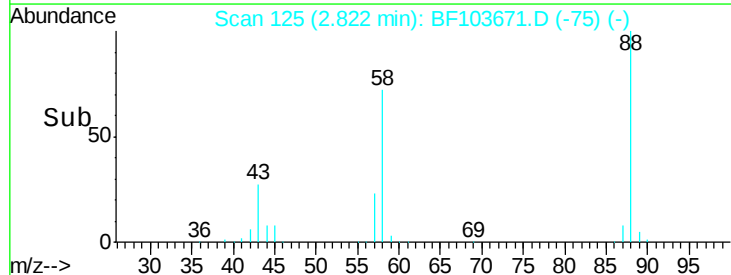
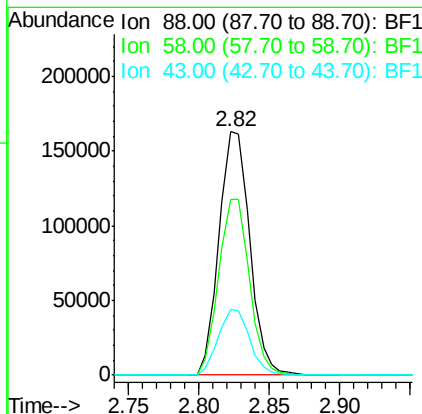
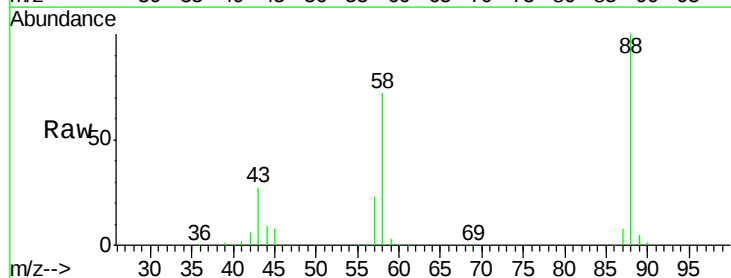
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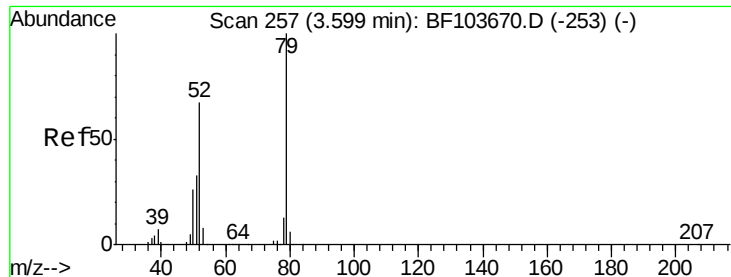


#2

1,4-Dioxane
Concen: 46.190 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	62.6	93.8
43	27.6	24.6	37.0





#3

Pvridine

Concen: 47.886 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

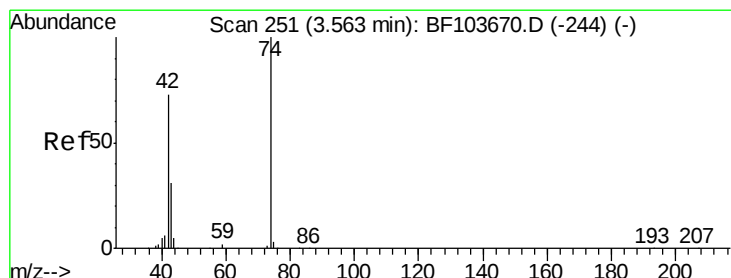
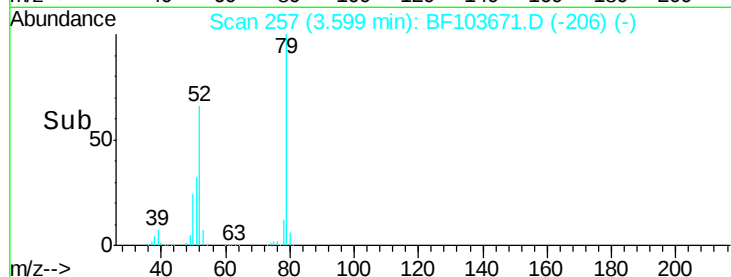
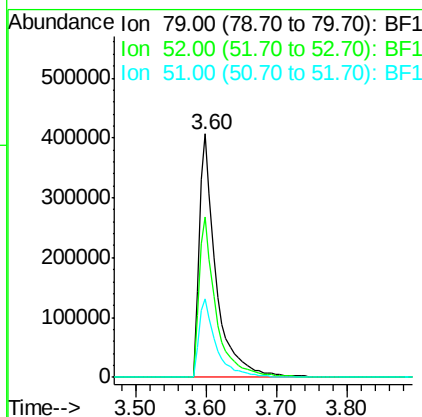
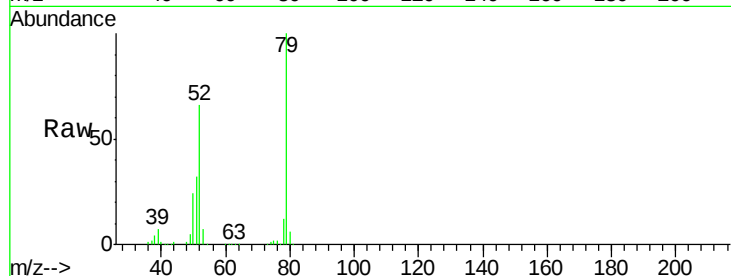
ClientSampleId :

SSTDICC050

Tot Ion:	79	Resp:	685133
Ion Ratio	Lower	Upper	
79	100		
52	65.9	59.8	89.6
51	32.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 43.690 ng

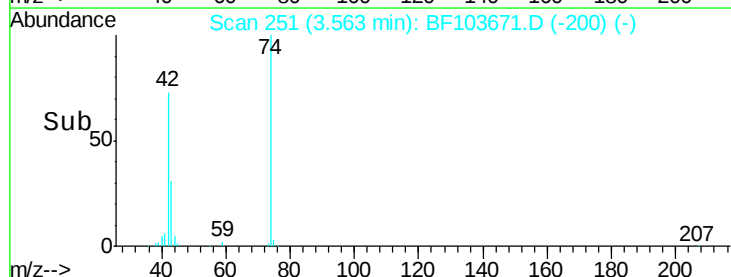
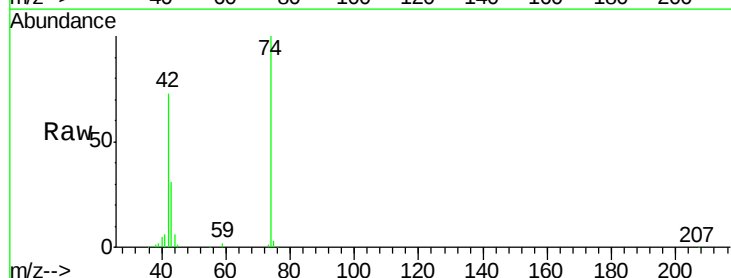
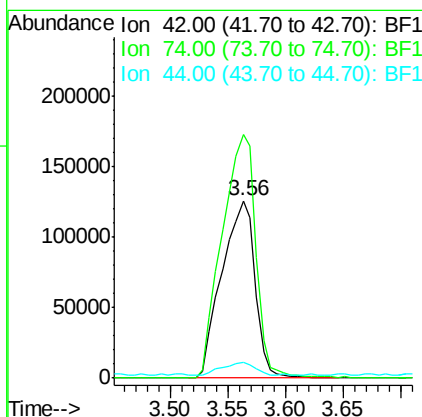
RT: 3.56 min Scan# 251

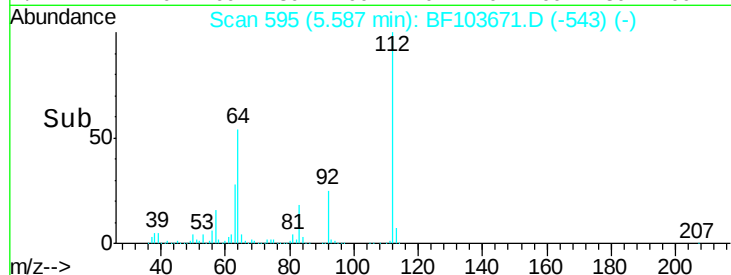
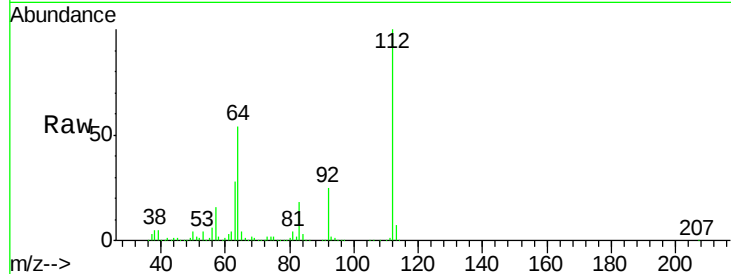
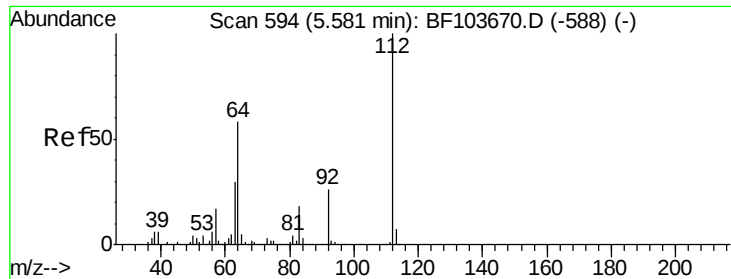
Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion:	42	Resp:	252101
Ion Ratio	Lower	Upper	
42	100		
74	137.2	104.9	157.3
44	8.6	6.9	10.3





#5

2-Fluorophenol

Concen: 97.066 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tot Ion:	112	Resp:	984931
Ion Ratio	Lower	Upper	
112	100		
64	54.1	47.9	71.9
63	27.8	23.7	35.5

Instrument :

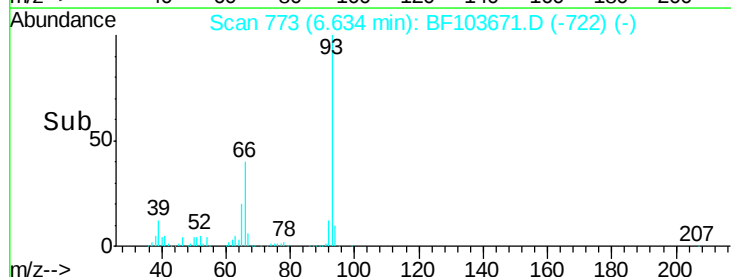
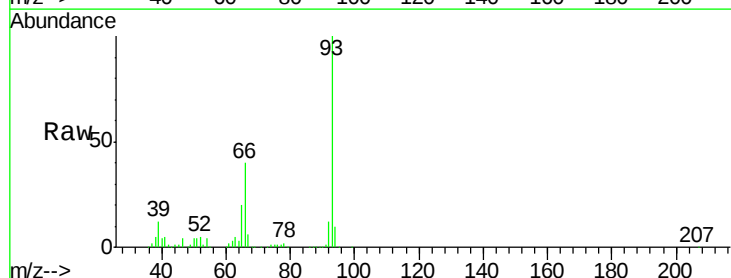
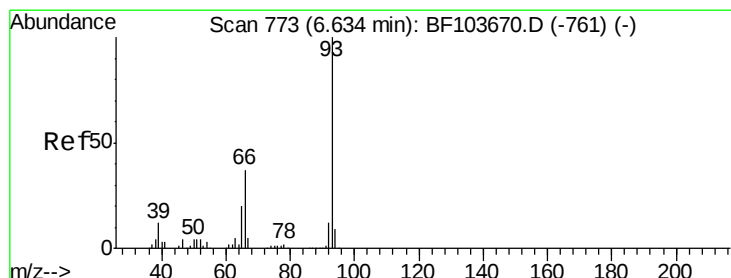
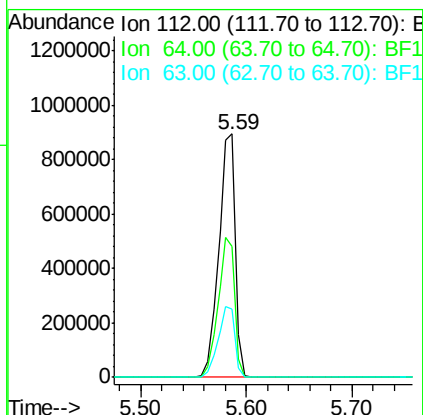
BNA_F

ClientSampleId :

SSTDIC050

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#6

Aniline

Concen: 48.722 ng

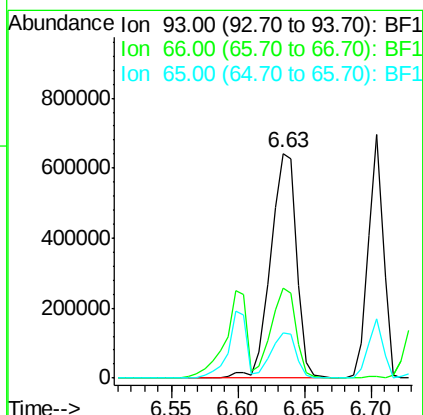
RT: 6.63 min Scan# 773

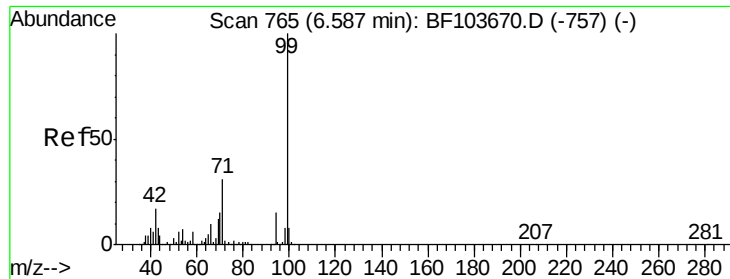
Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion:	93	Resp:	873079
Ion Ratio	Lower	Upper	
93	100		
66	40.2	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 97.254 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 1207544

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

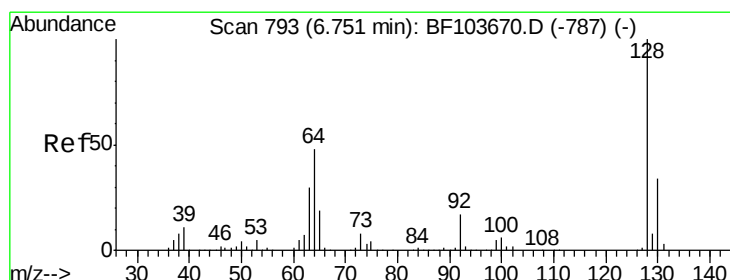
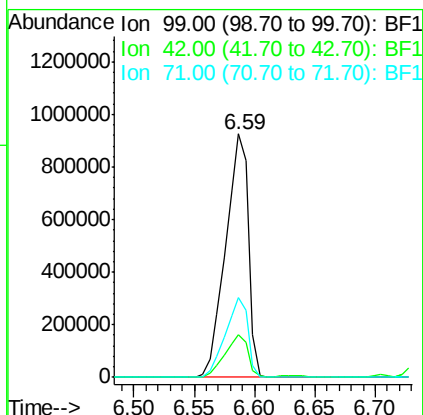
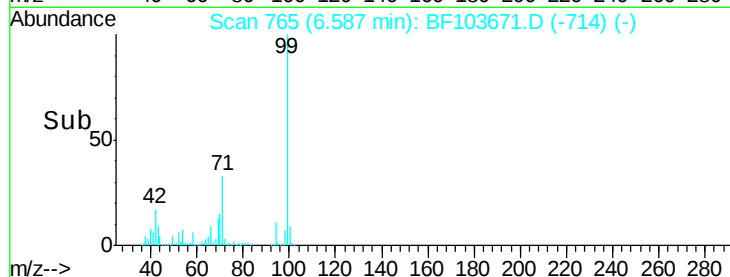
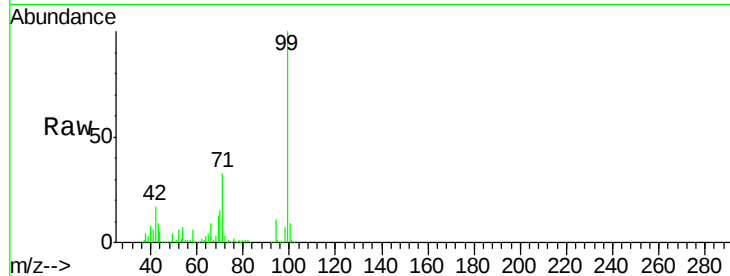
71 32.6 25.4 38.0

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#8

2-Chlorophenol

Concen: 49.632 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

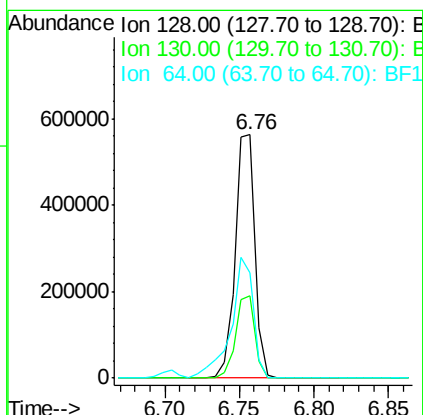
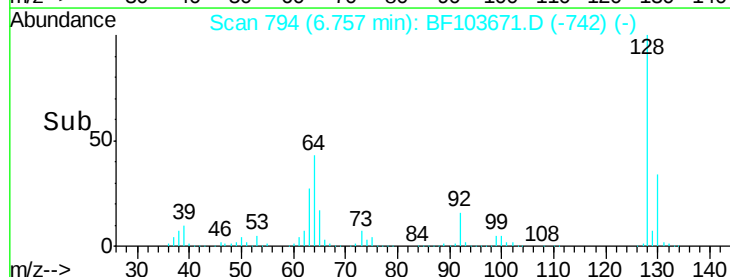
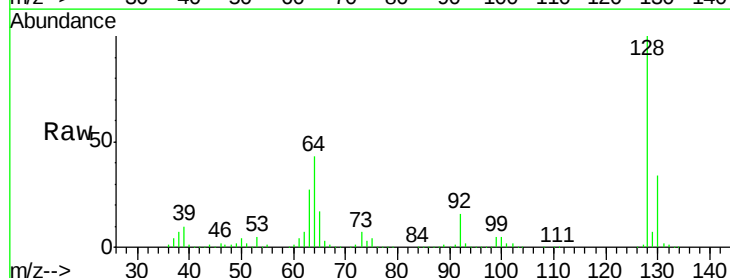
Tgt Ion: 128 Resp: 523172

Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

64 43.2 29.4 69.4





#9

Benzaldehyde

Concen: 50.441 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

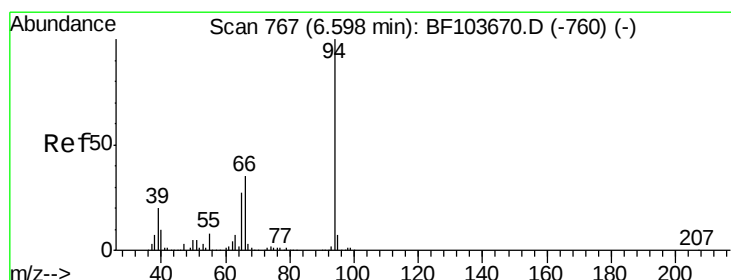
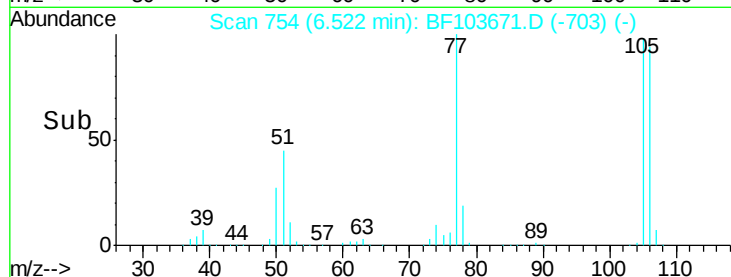
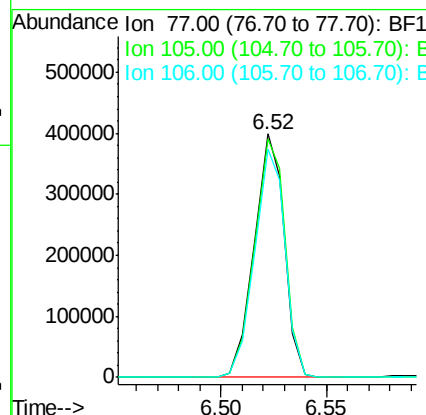
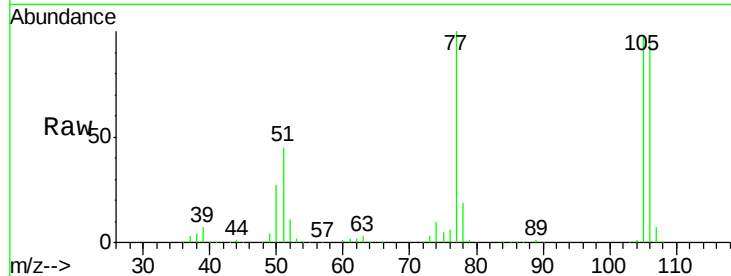
ClientSampleID :

SSTDIC050

Tot Ion:	77	Resp:	392602
Ion	Ratio	Lower	Upper
77	100		
105	98.2	81.1	121.1
106	93.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.687 ng

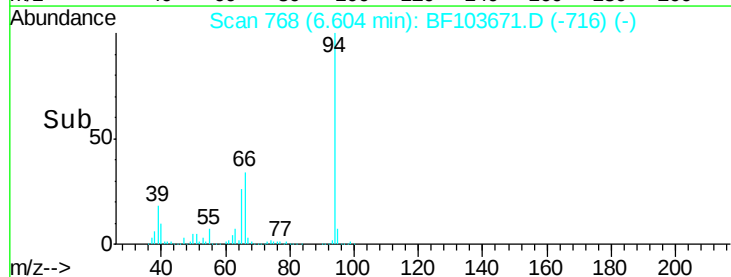
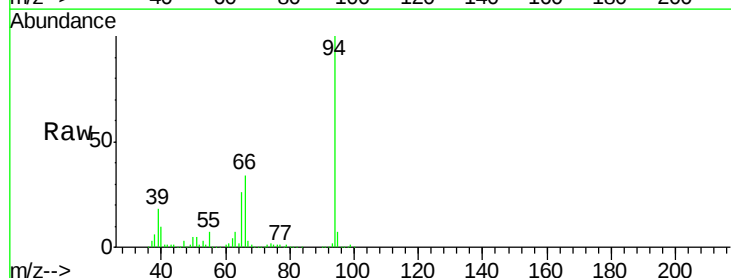
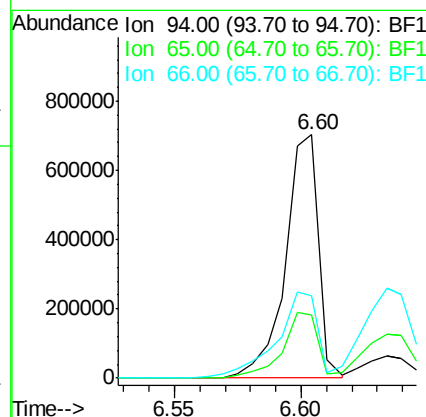
RT: 6.60 min Scan# 768

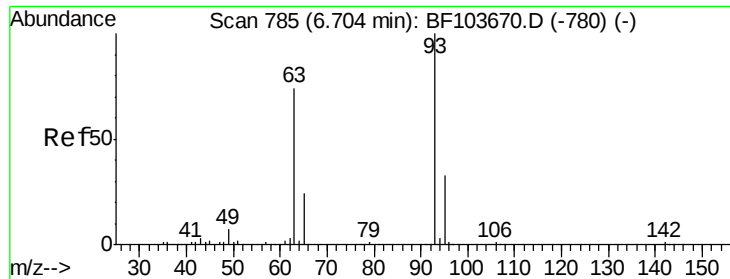
Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion:	94	Resp:	644118
Ion	Ratio	Lower	Upper
94	100		
65	25.8	7.9	47.9
66	33.7	16.2	56.2





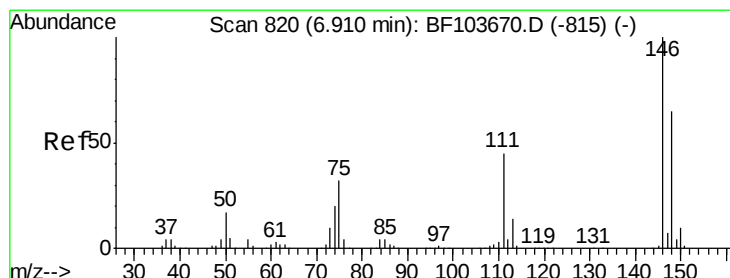
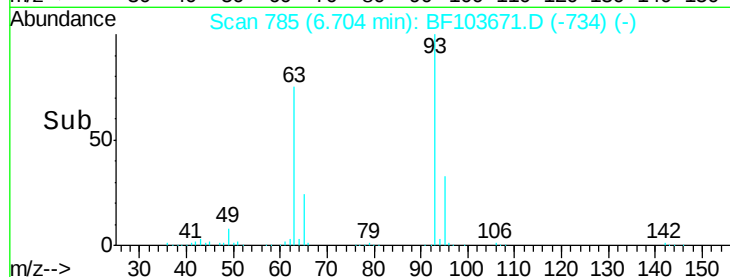
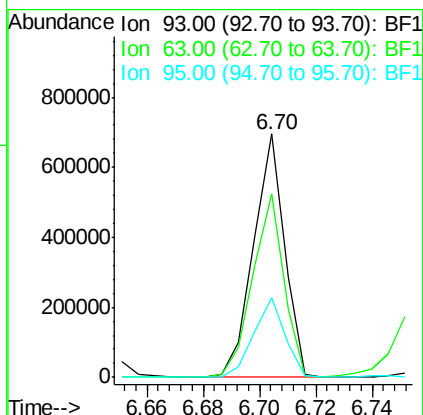
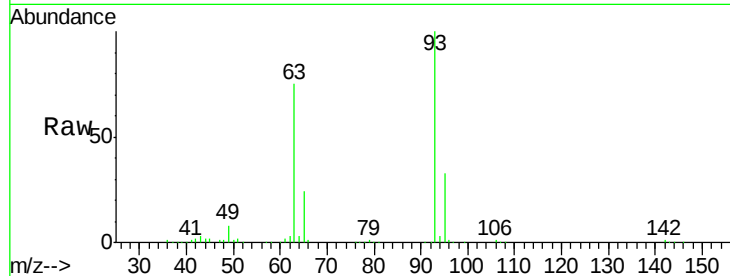
#11
bis(2-Chloroethyl)ether
Concen: 48.583 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.6	98.6
95	32.7	11.8	51.8

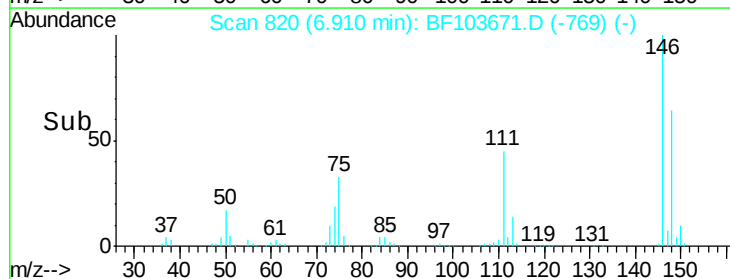
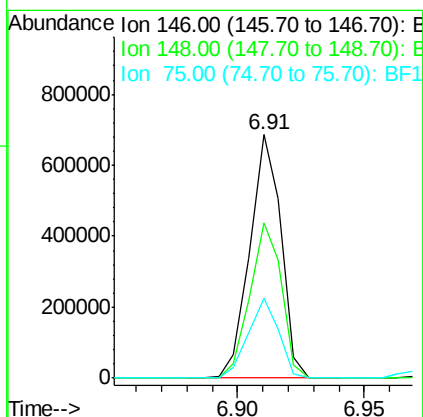
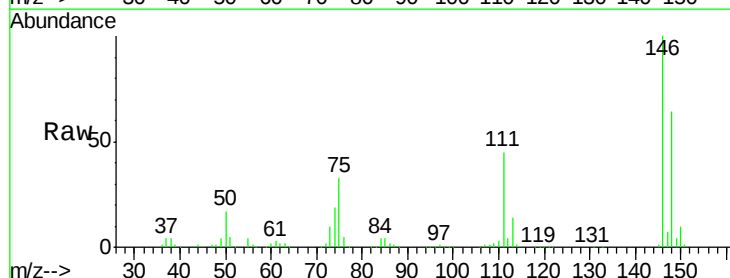
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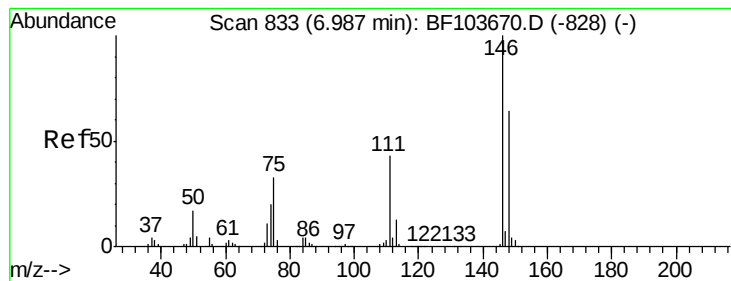
Sohil
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#12
1,3-Dichlorobenzene
Concen: 48.699 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	32.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 48.305 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

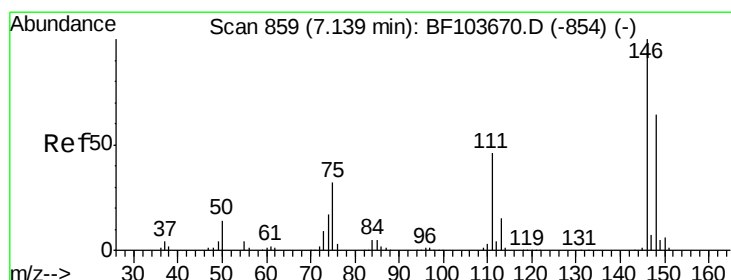
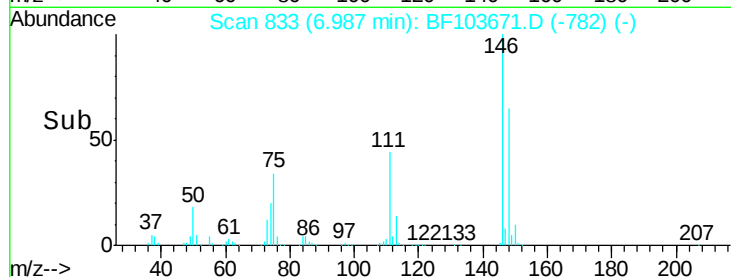
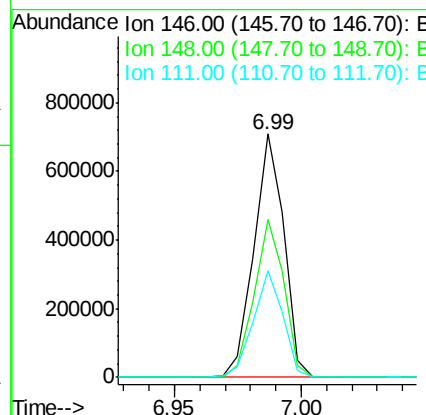
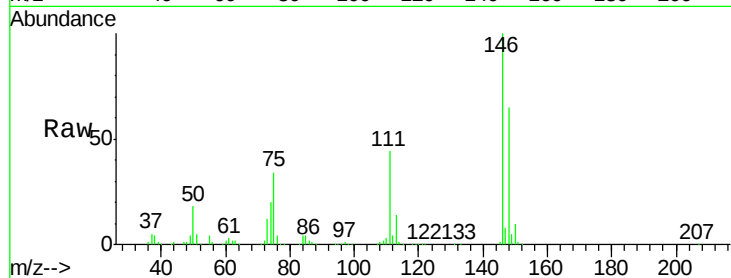
ClientSampleId :

SSTDIC050

Tot Ion:	146	Resp:	583387
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	43.9	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 49.117 ng

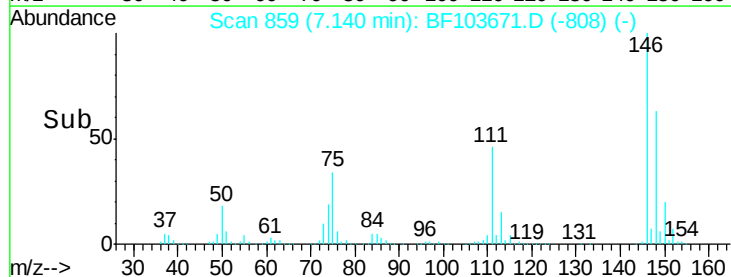
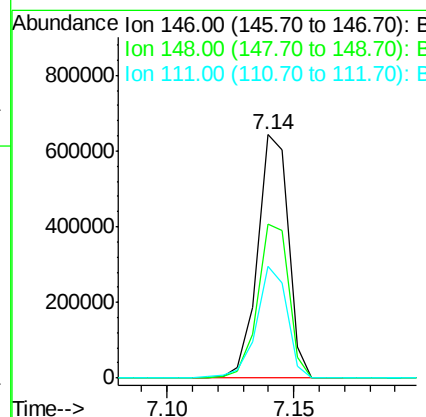
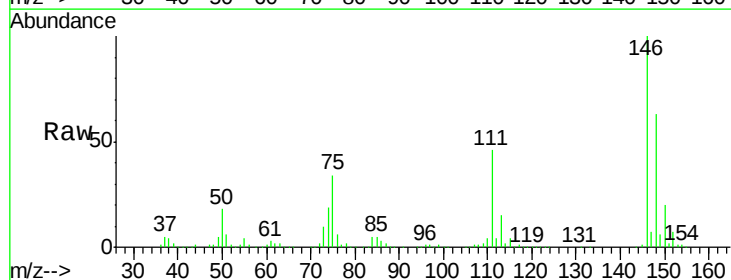
RT: 7.14 min Scan# 859

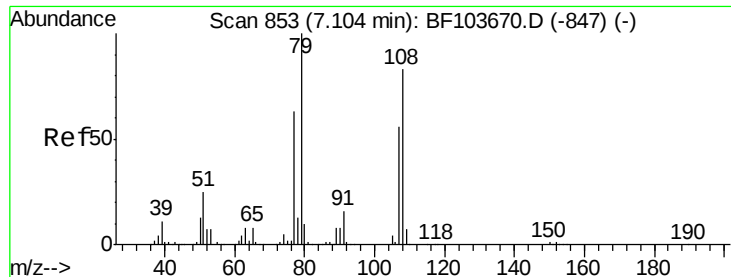
Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion:	146	Resp:	546970
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	46.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 50.641 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 473812

Ion Ratio Lower Upper

79 100

108 81.6 65.1 97.7

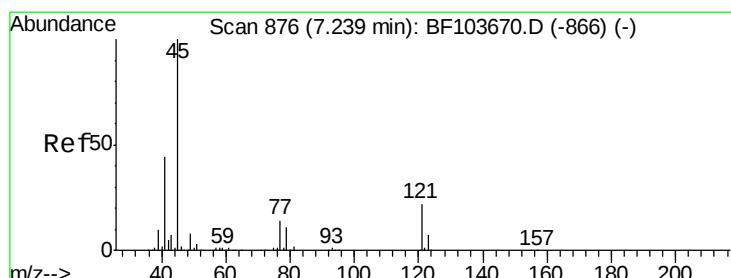
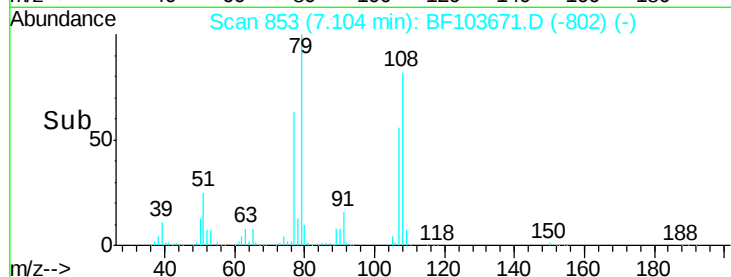
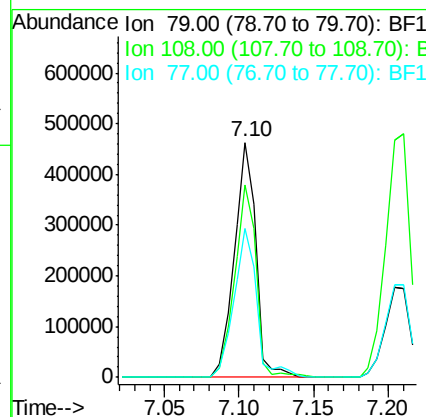
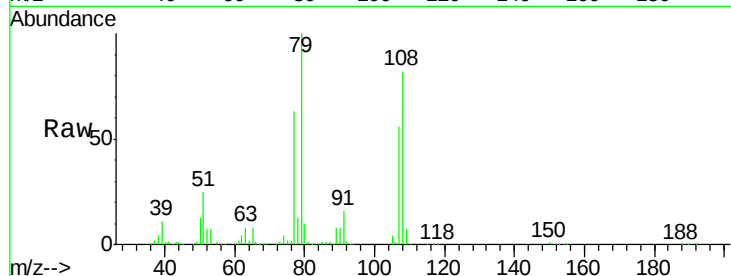
77 63.2 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.139 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

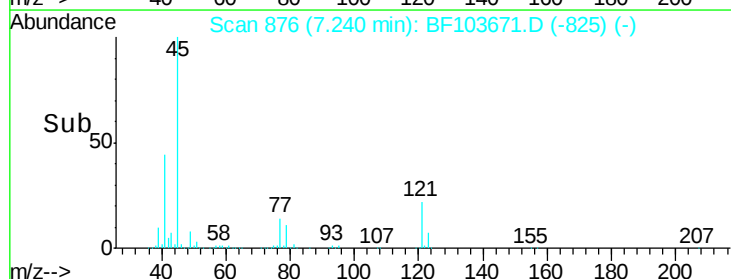
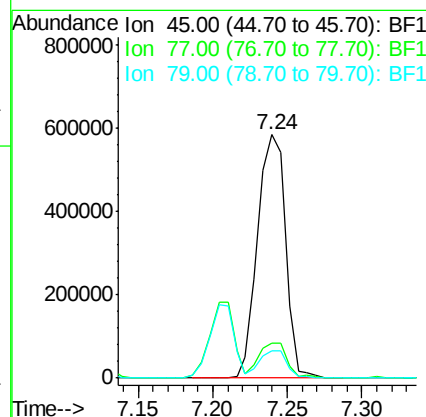
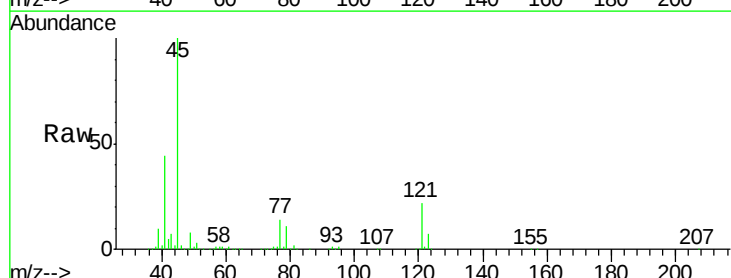
Tgt Ion: 45 Resp: 754058

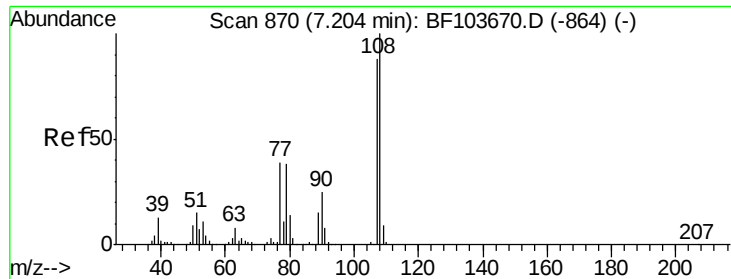
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

79 11.1 0.0 29.6





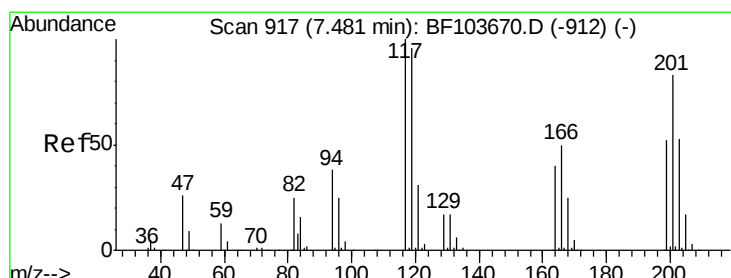
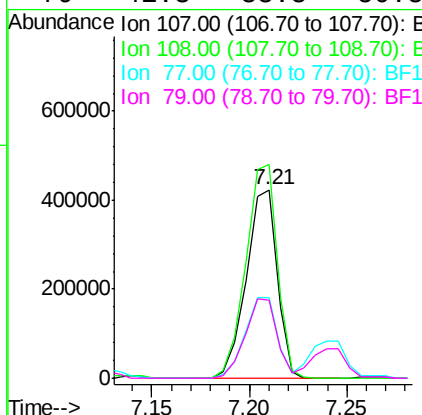
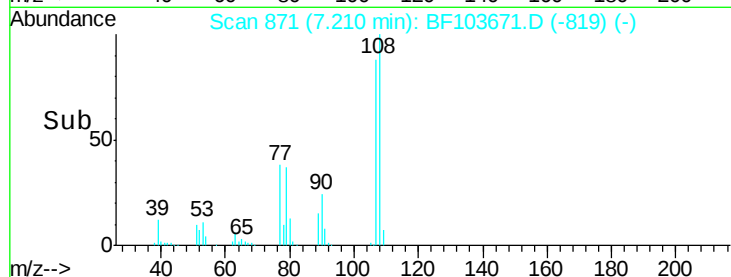
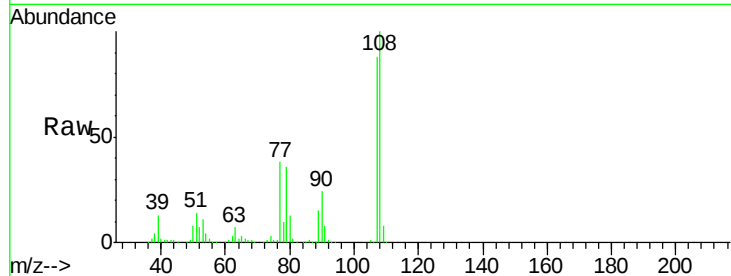
#17
2-Methylphenol
Concen: 48.718 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	107	Resp:	466692
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.7	137.5
77	43.0	33.8	50.8
79	41.3	33.8	50.8

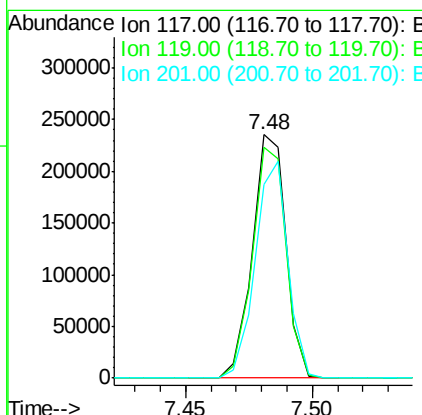
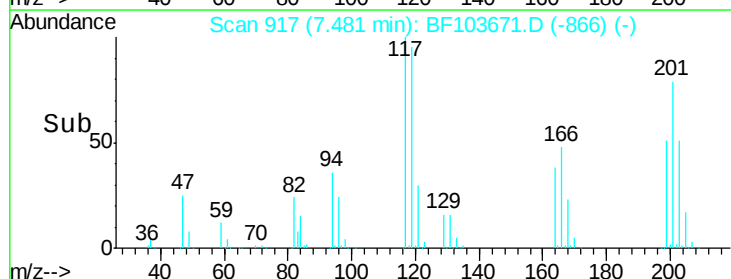
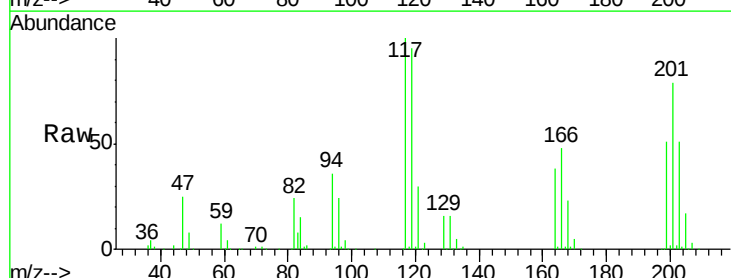
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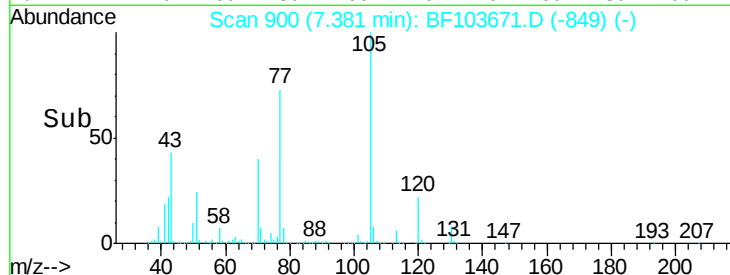
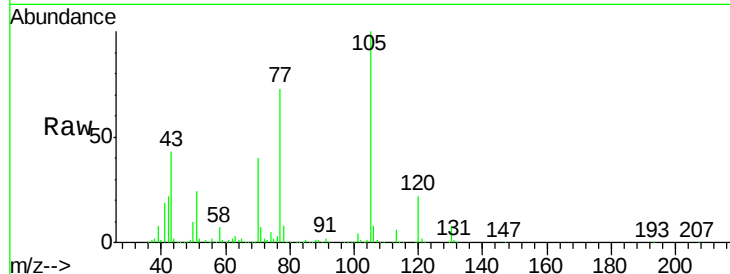
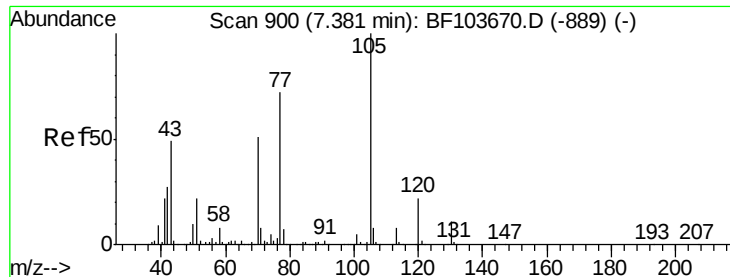
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#18
Hexachloroethane
Concen: 49.219 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion:	117	Resp:	216396
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.8
201	79.3	75.7	113.5





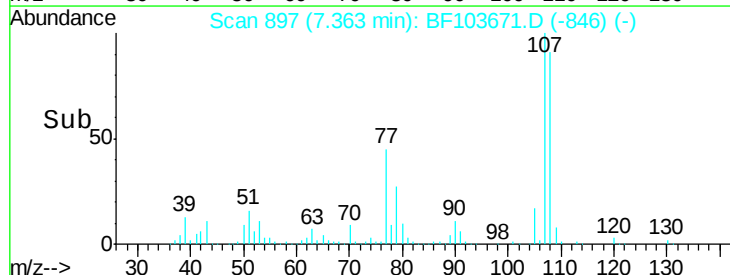
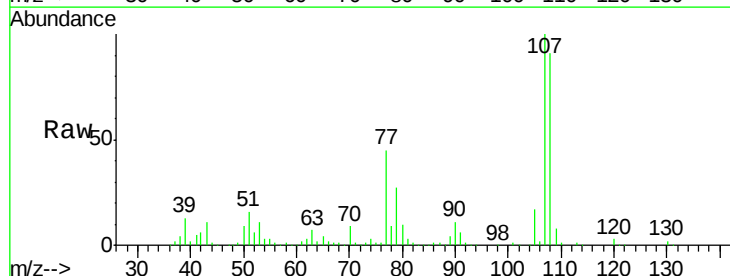
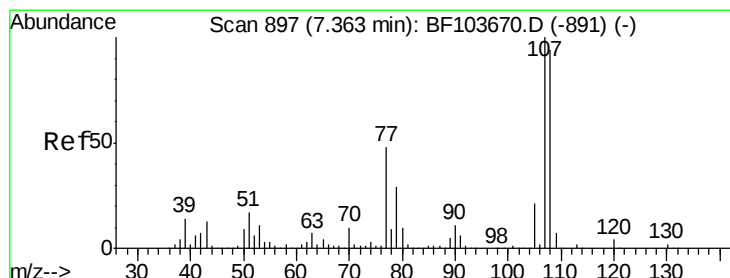
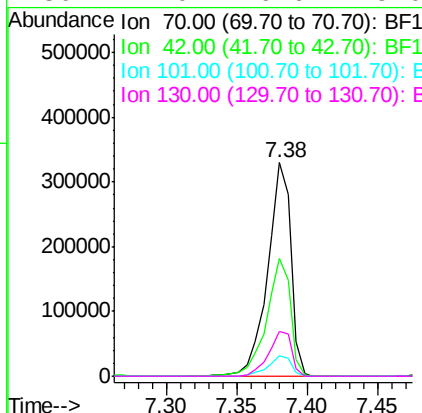
#19
n-Nitroso-di-n-propylamine
Concen: 49.429 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.2	47.5	71.3	
101	9.8	7.4	11.2	
130	21.0	16.6	25.0	

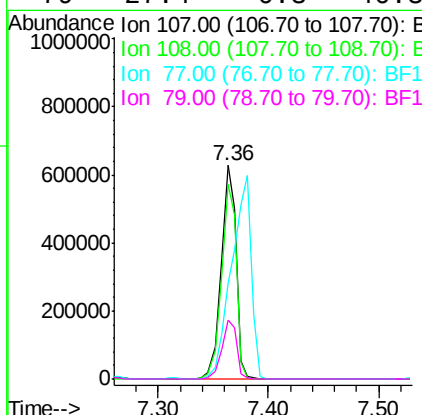
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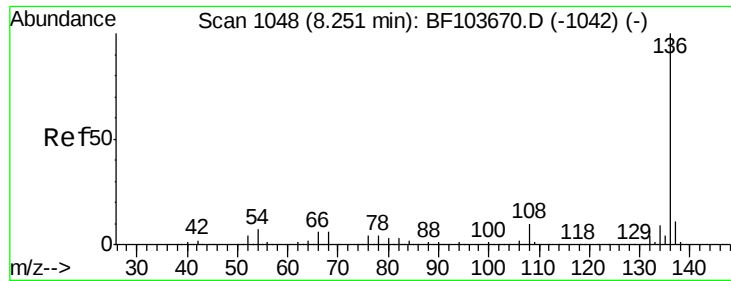
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#20
3+4-Methylphenols
Concen: 50.594 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	68.2	108.2	
77	45.2	26.7	66.7	
79	27.4	6.3	46.3	





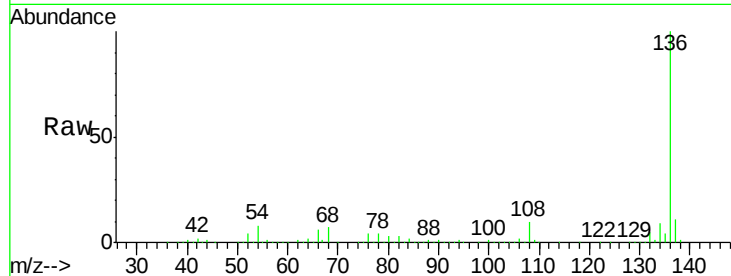
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

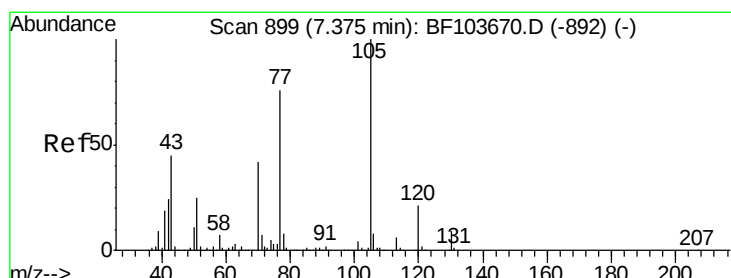
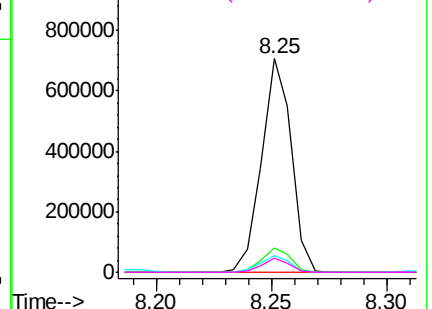
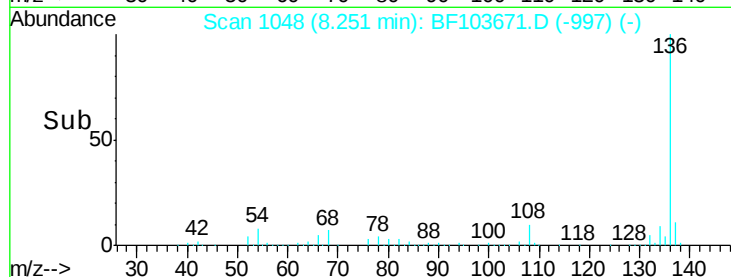
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	6.6	9.8
68	6.7	5.0	7.4

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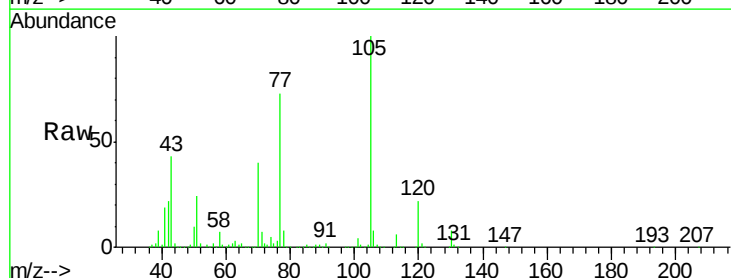


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

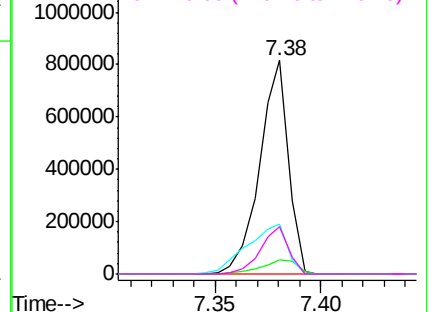
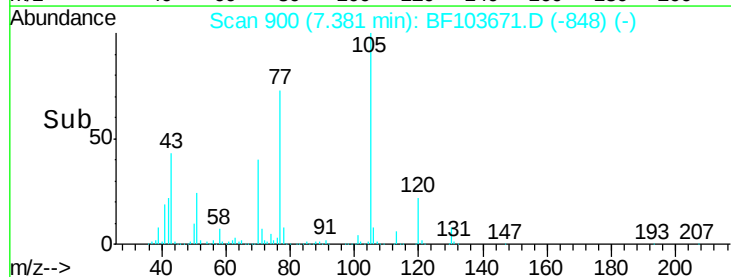


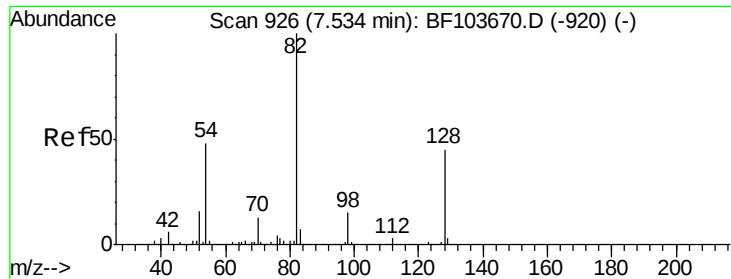
#22
Acetophenone
Concen: 52.332 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.4	6.6#
51	23.7	22.3	33.5
120	22.0	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





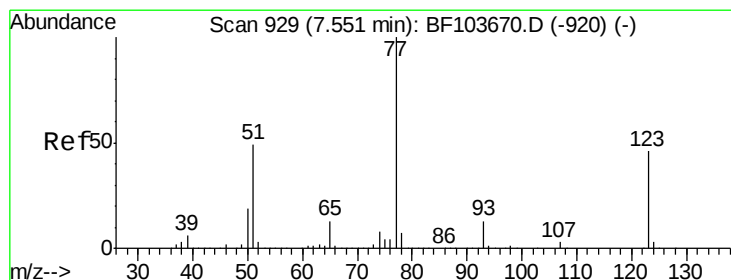
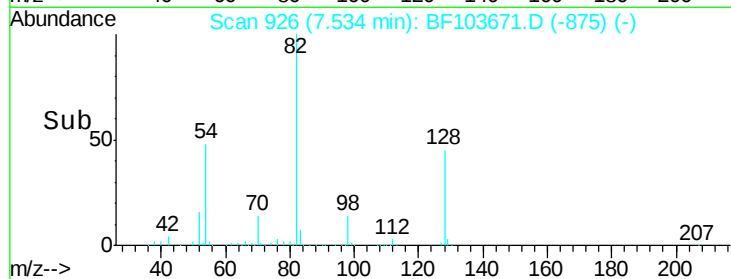
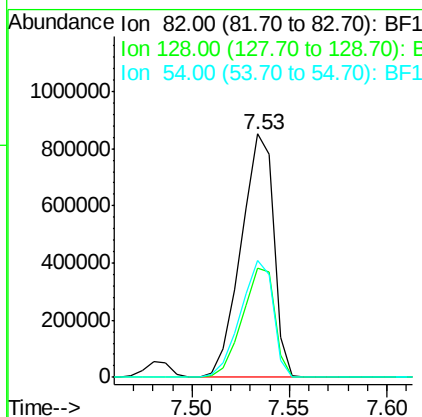
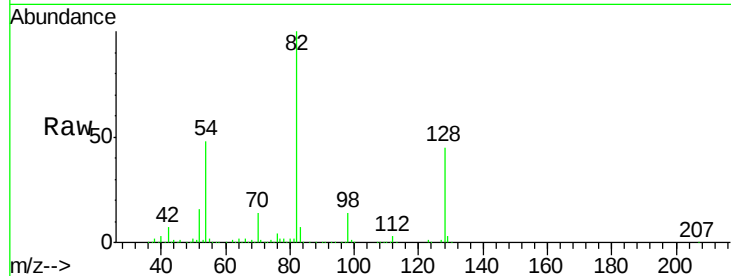
#23
Nitrobenzene-d5
Concen: 88.726 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	48.2	41.4	62.2

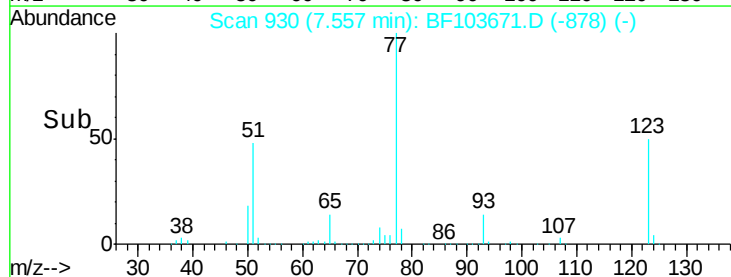
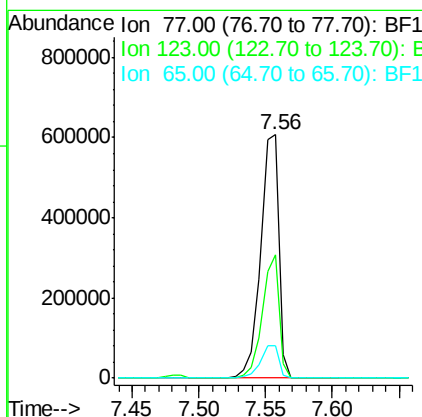
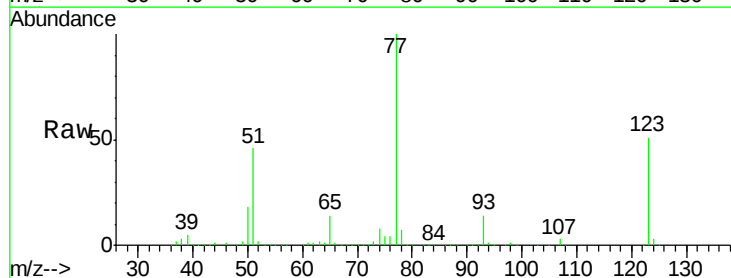
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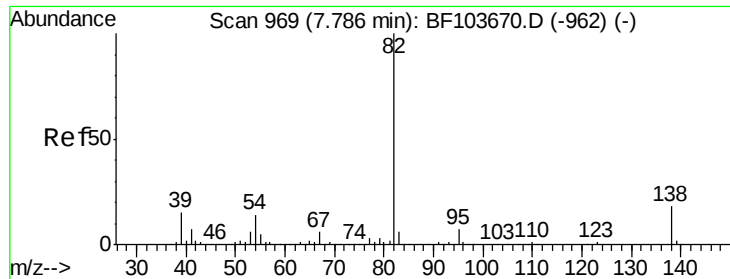
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#24
Nitrobenzene
Concen: 46.258 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 47.417 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

ClientSampleId :

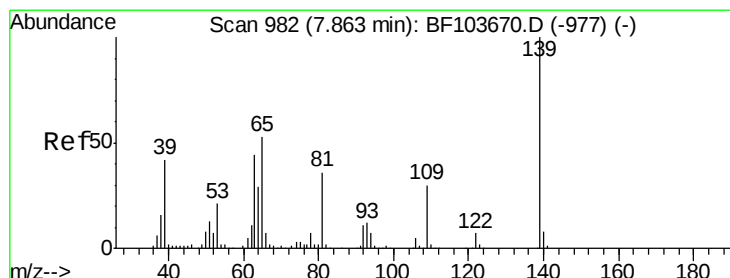
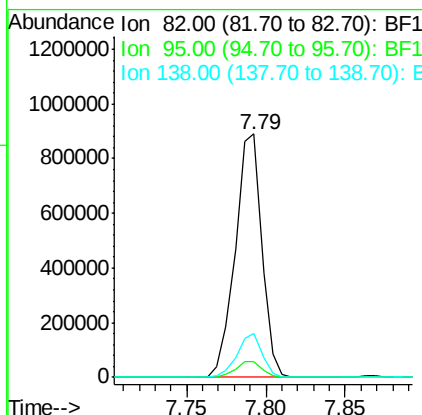
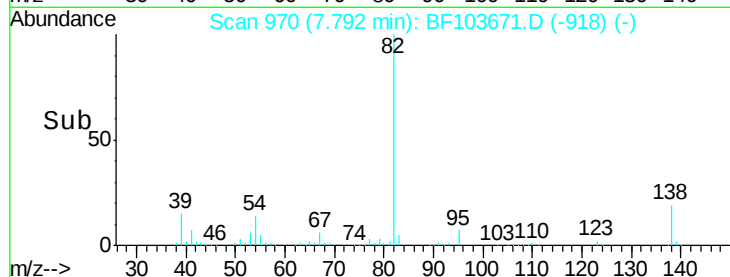
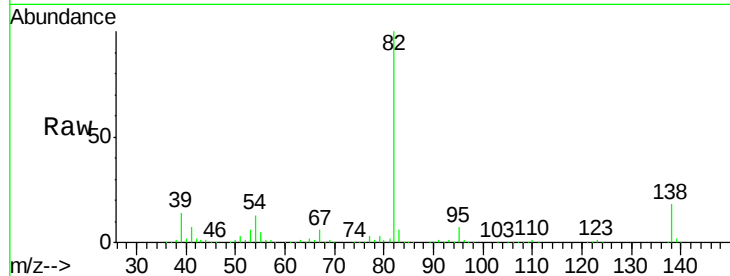
SSTDICC050

Tot Ion: 82 Resp: 1035163

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 35.487 ng

RT: 7.87 min Scan# 983

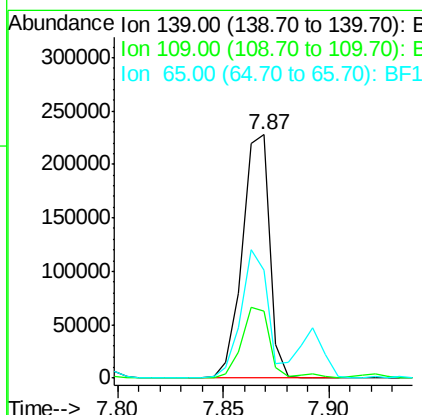
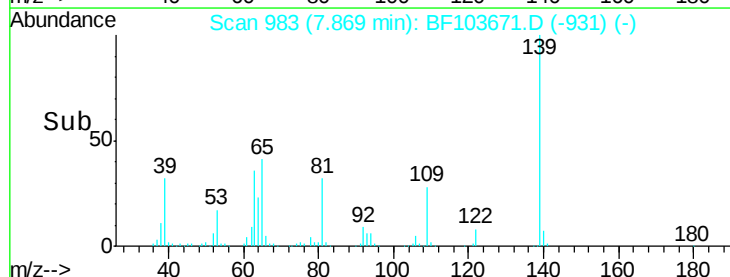
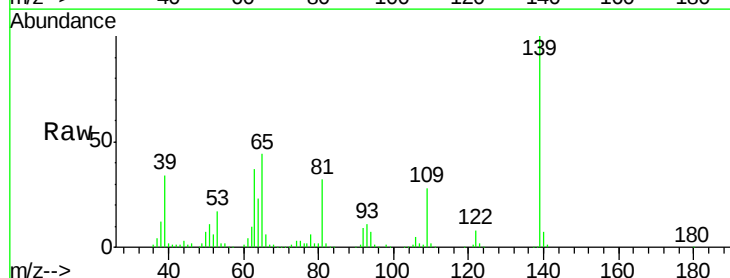
Delta R.T. 0.01 min

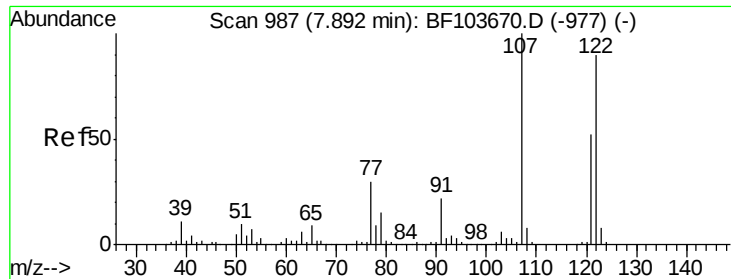
Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion: 139 Resp: 203880

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	44.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 51.258 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

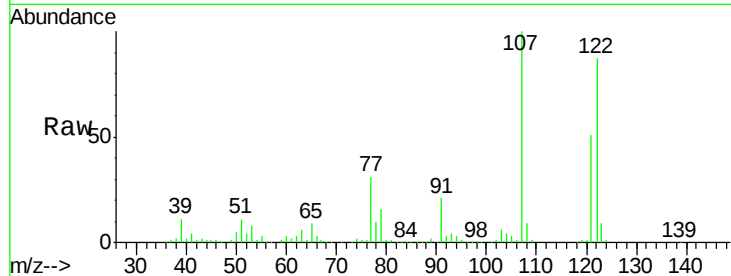
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		450139		
107	114.7	91.2	136.8		
121	59.0	47.2	70.8		

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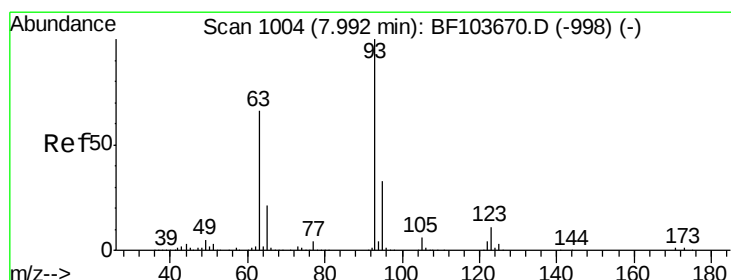
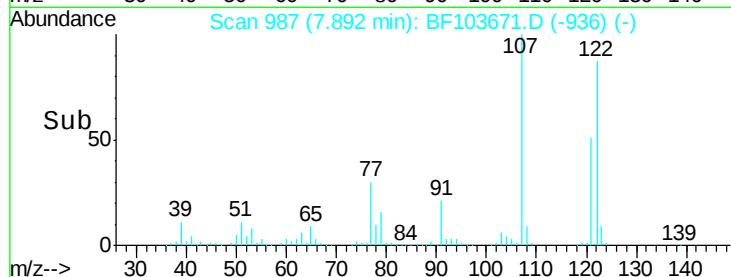
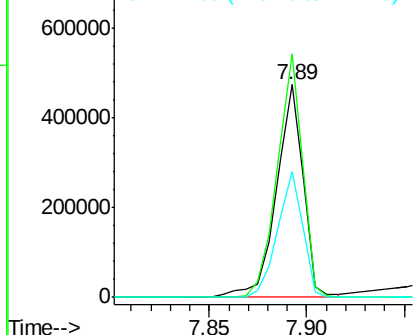
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.349 ng

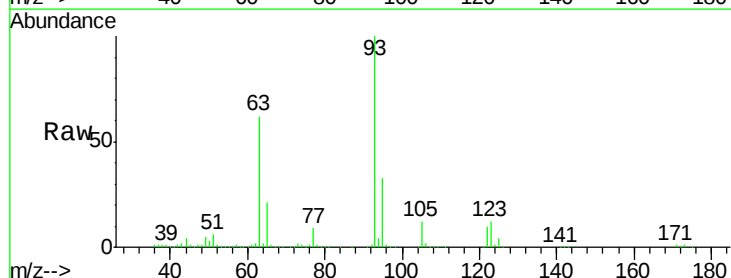
RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

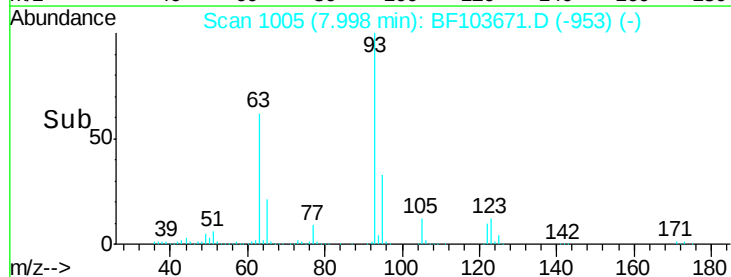
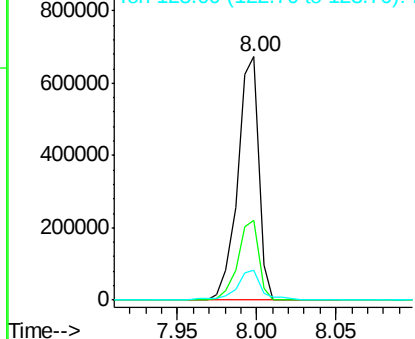
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		620581		
95	32.8	26.3	39.5		
123	12.3	9.8	14.6		



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.834 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

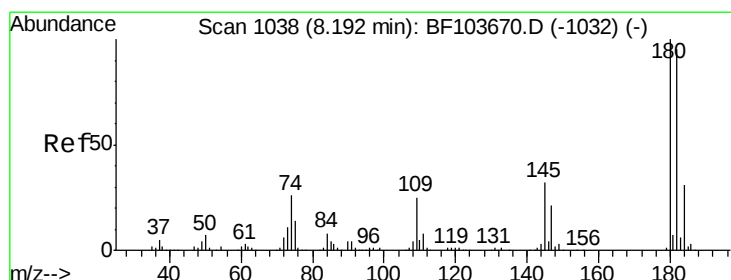
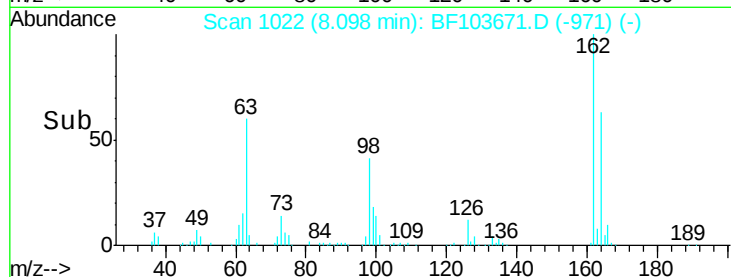
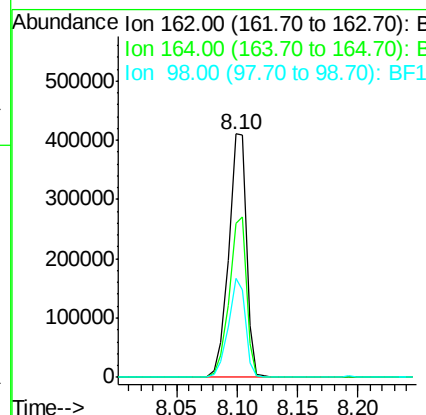
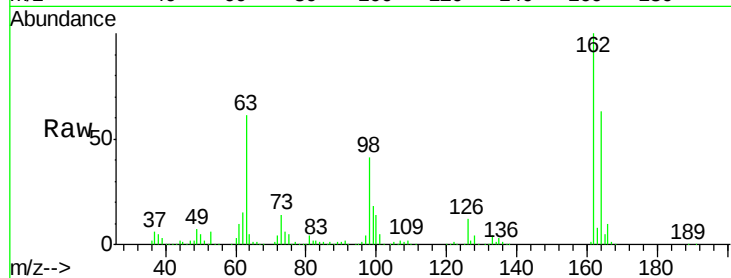
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	418990
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.7	82.7
98	40.8	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 51.536 ng

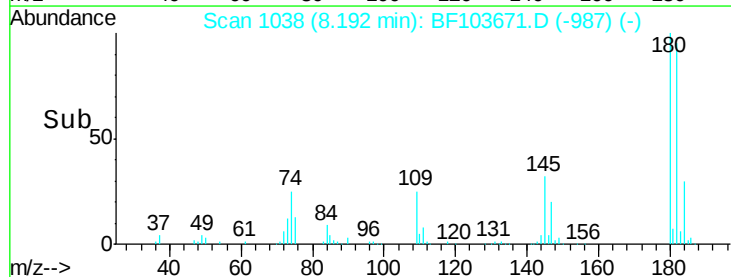
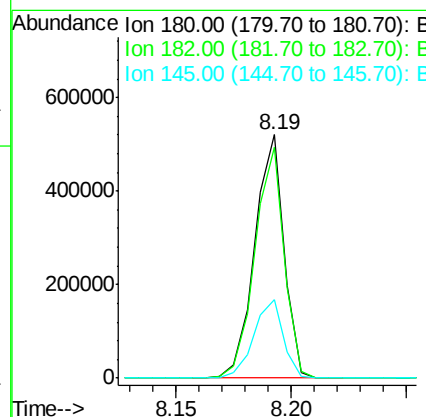
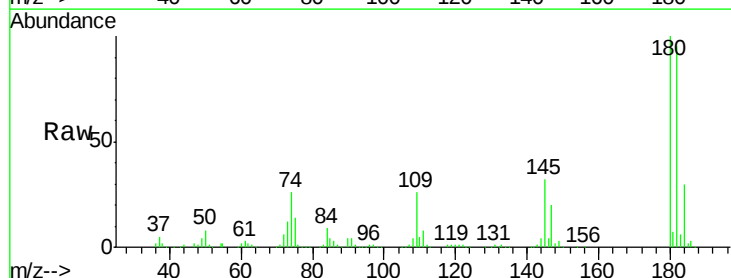
RT: 8.19 min Scan# 1038

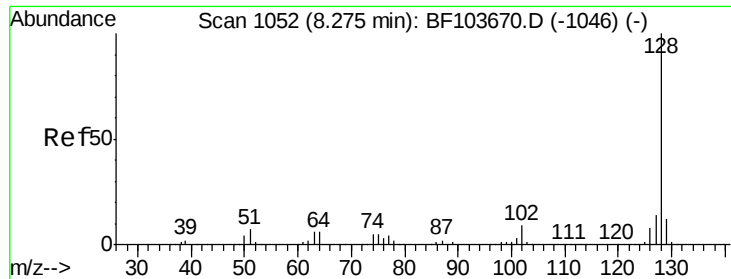
Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion:	180	Resp:	461420
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.8	115.2
145	32.2	26.5	39.7





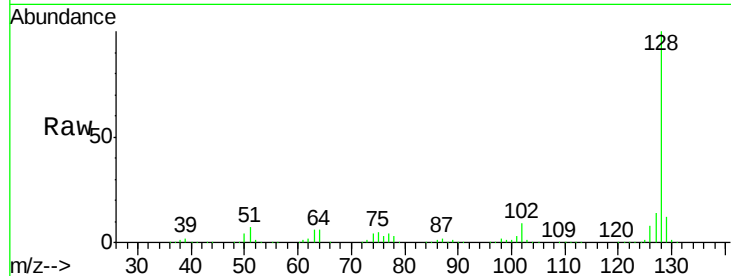
#31
Naphthalene
Concen: 49.143 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

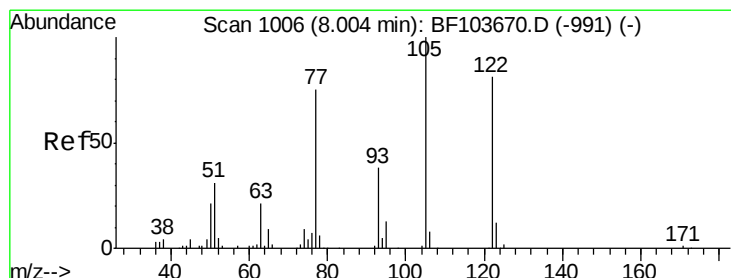
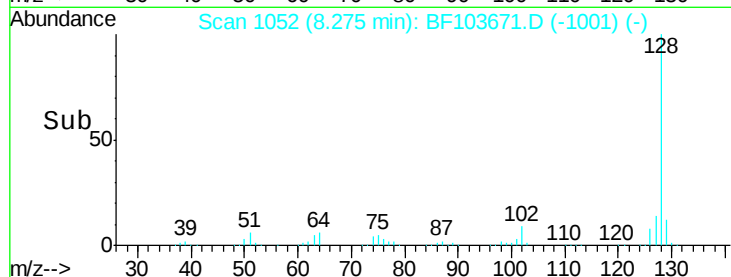
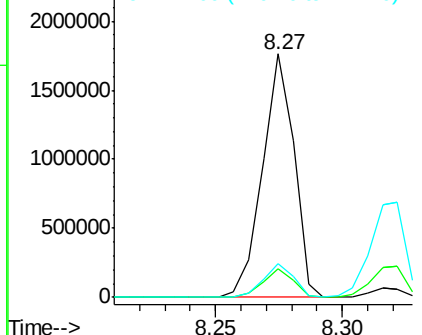
Tot Ion:128 Resp: 1523015
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.9 10.9 16.3

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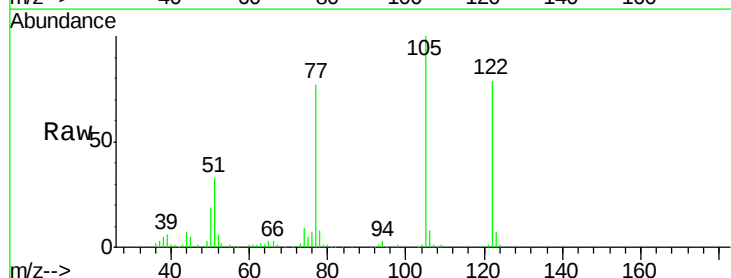


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

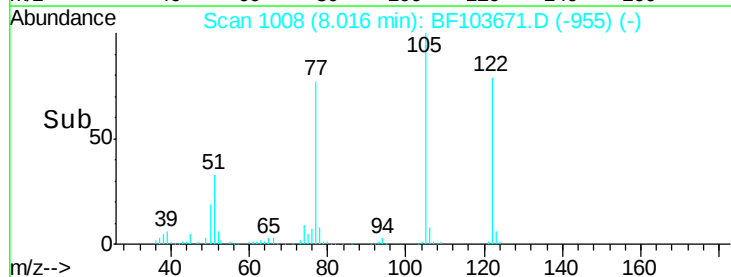
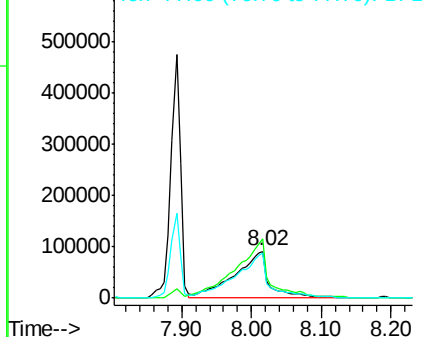


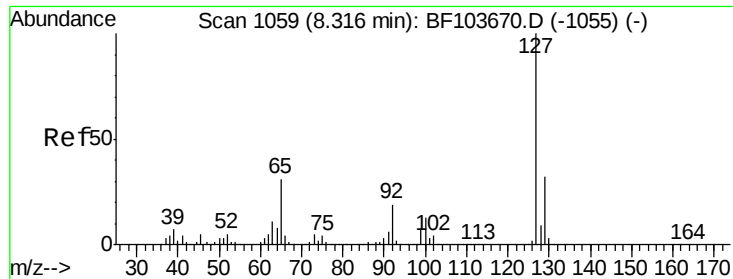
#32
Benzoic acid
Concen: 55.473 ng m
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion:122 Resp: 321568
Ion Ratio Lower Upper
122 100
105 126.8 101.1 141.1
77 97.4 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





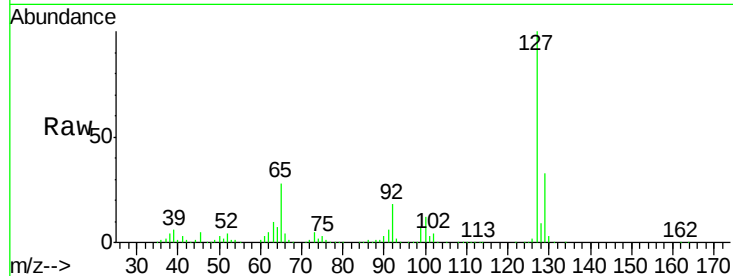
#33
4-Chloroaniline
Concen: 49.257 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

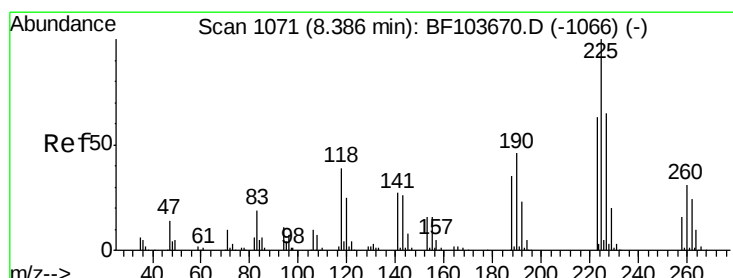
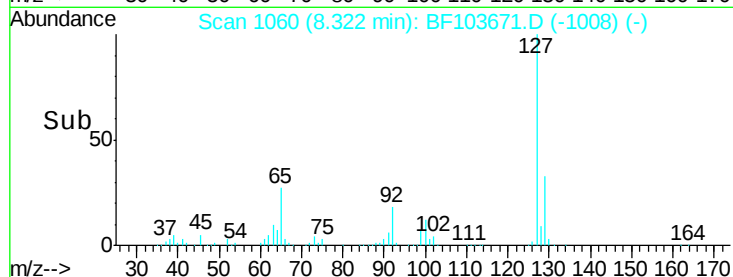
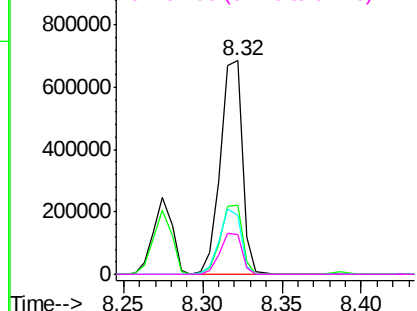
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		658735		
129	32.6	25.9	38.9		
65	27.8	25.0	37.4		
92	18.4	15.2	22.8		

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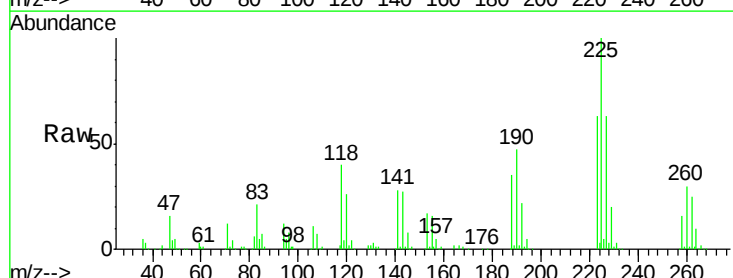


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

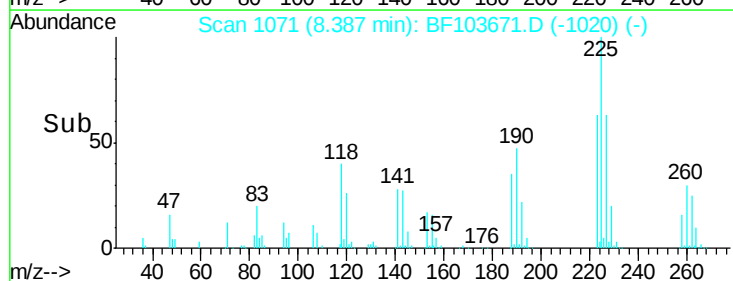
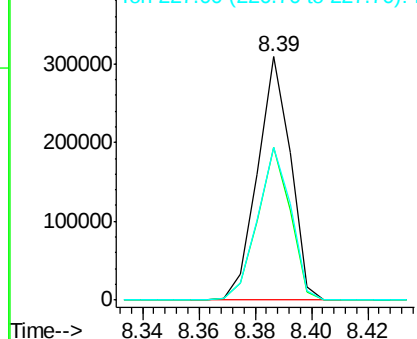


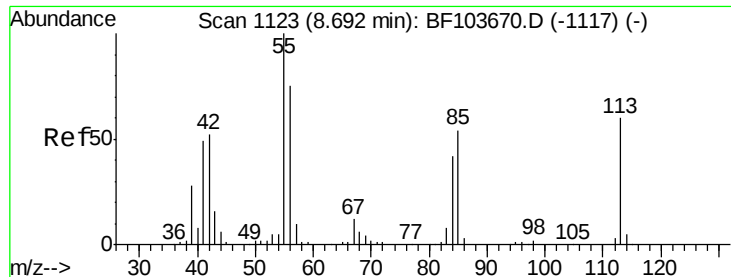
#34
Hexachlorobutadiene
Concen: 53.712 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		250425		
223	62.8	50.6	76.0		
227	62.8	51.9	77.9		



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





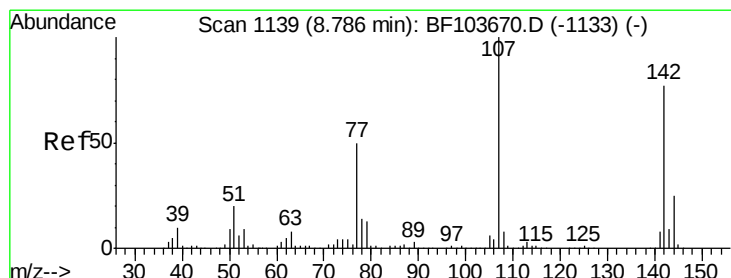
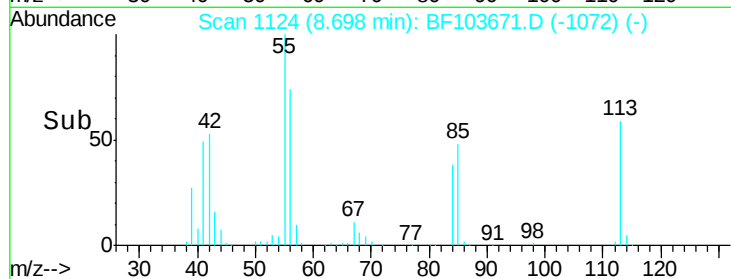
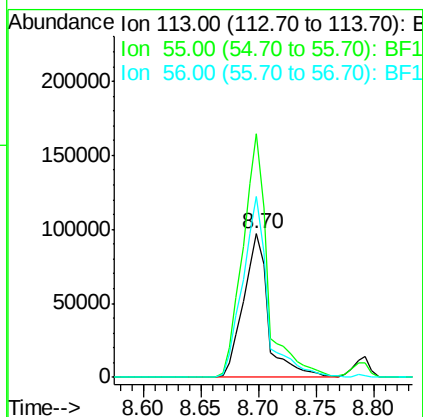
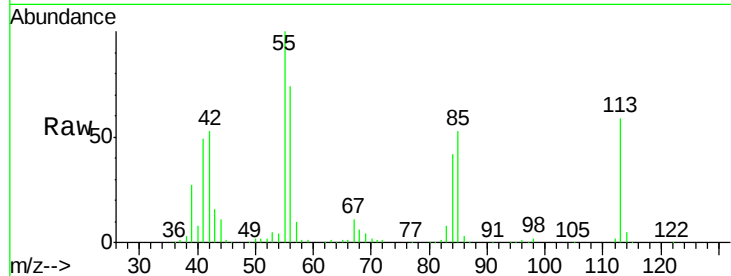
#35
Caprolactam
Concen: 49.111 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	169.8		163.3	203.3	
56	125.8		115.7	155.7	

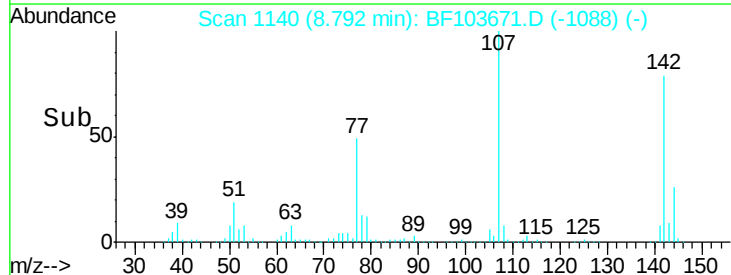
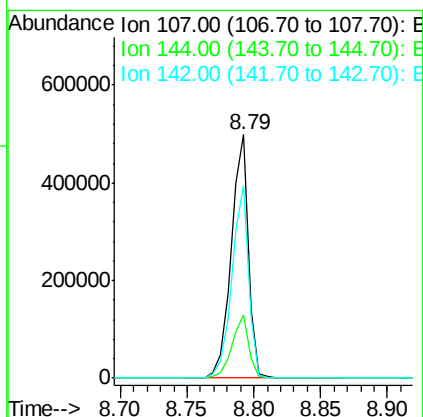
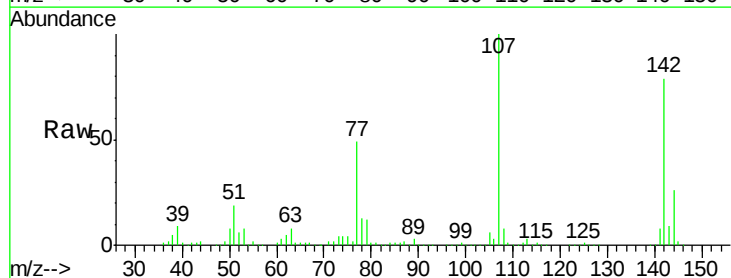
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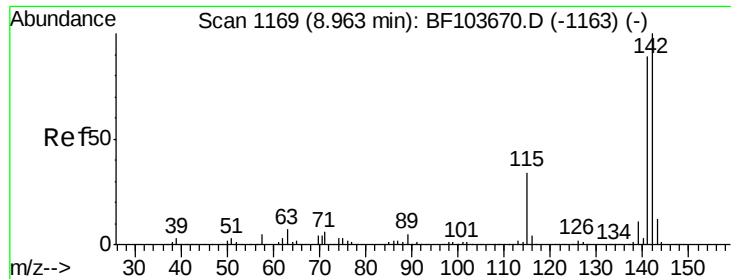
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#36
4-Chloro-3-methylphenol
Concen: 48.051 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		20.5	30.7	
142	79.2		62.0	93.0	





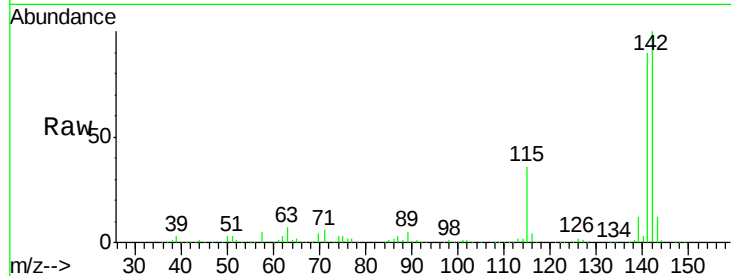
#37
2-Methylnaphthalene
Concen: 48.684 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

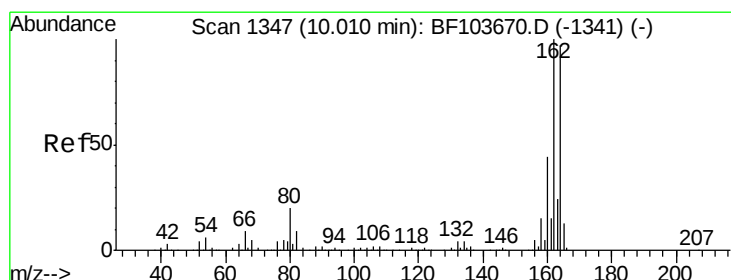
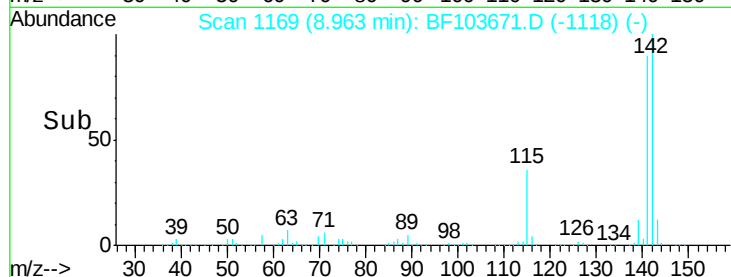
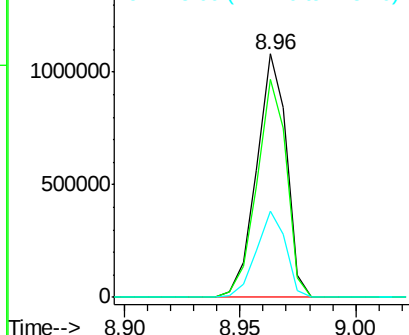
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	35.5	26.1	39.1

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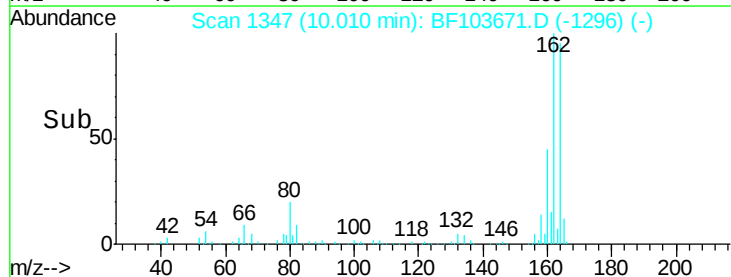
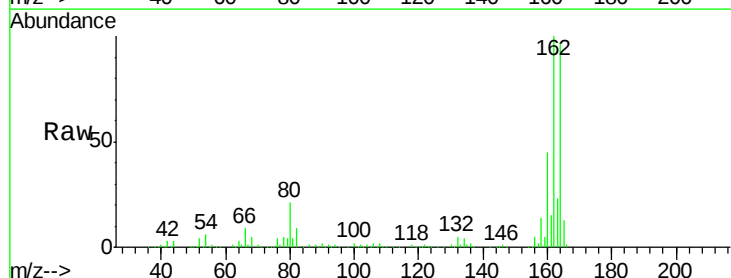
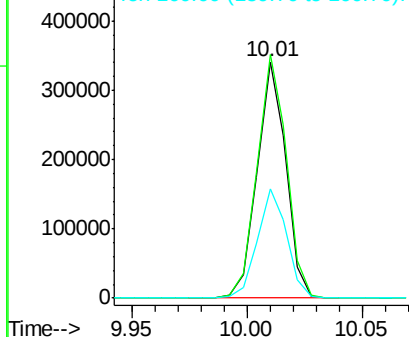
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

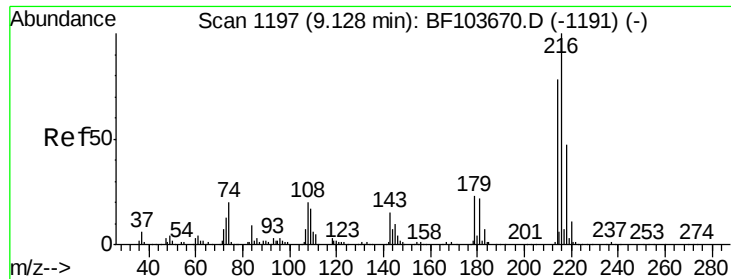


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.4	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





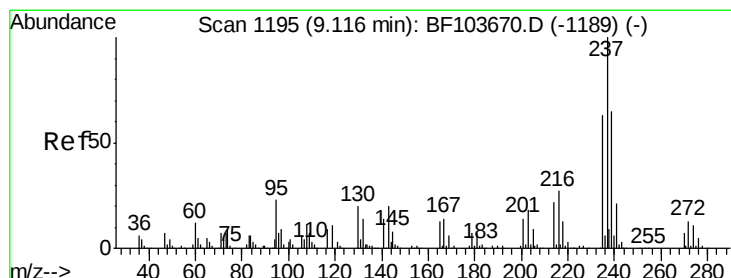
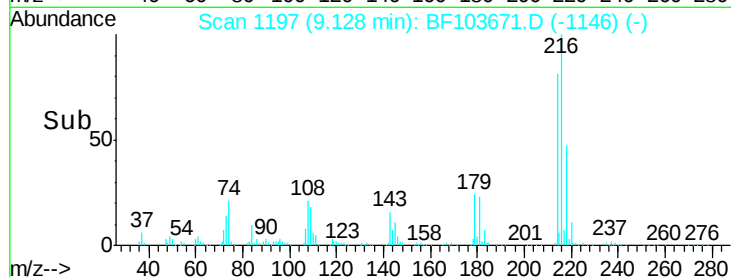
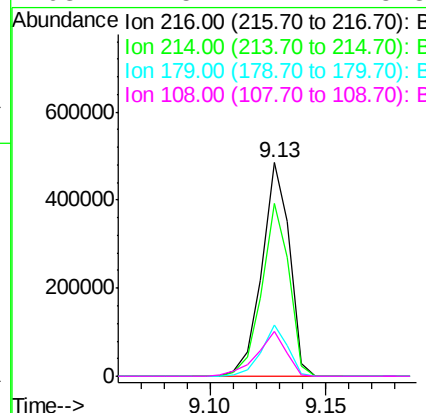
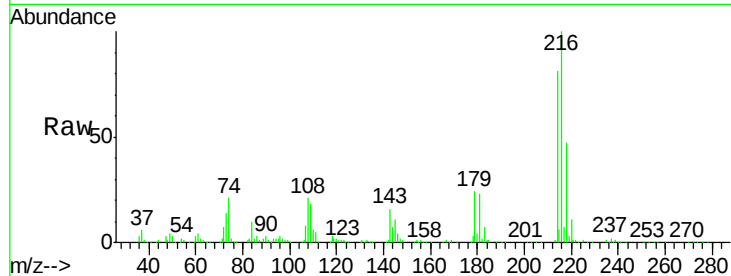
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.427 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
407074	216	100			
	214	79.5	63.0	94.4	
	179	22.6	18.1	27.1	
	108	22.5	17.2	25.8	

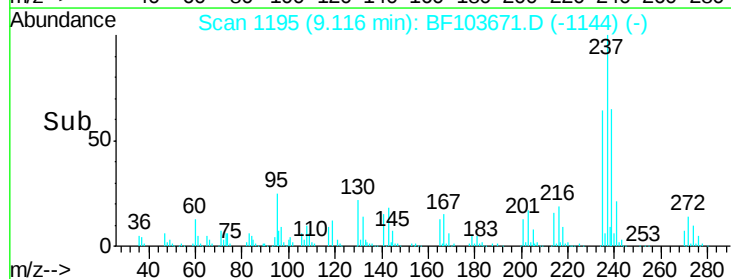
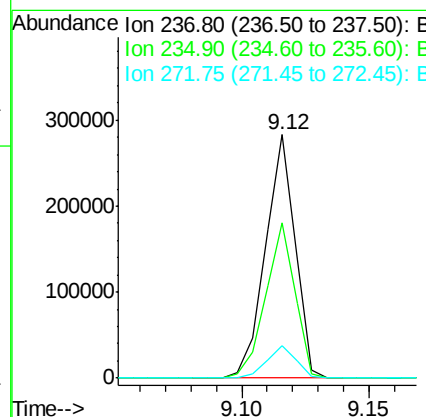
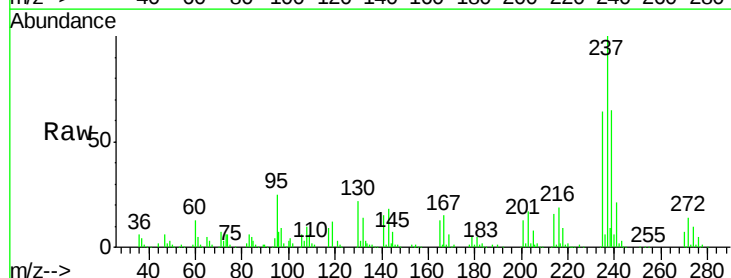
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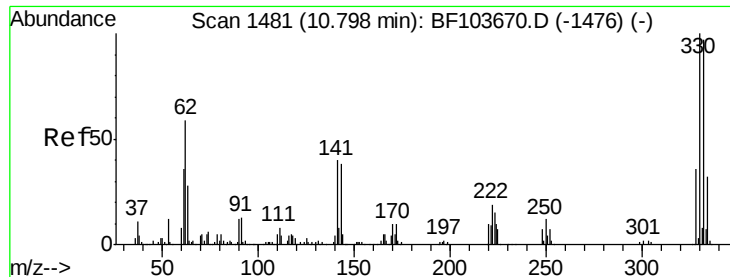
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#40
 Hexachlorocyclopentadiene
 Concen: 103.438 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
231920	237	100			
	235	63.6	44.8	84.8	
	272	13.6	0.0	33.3	





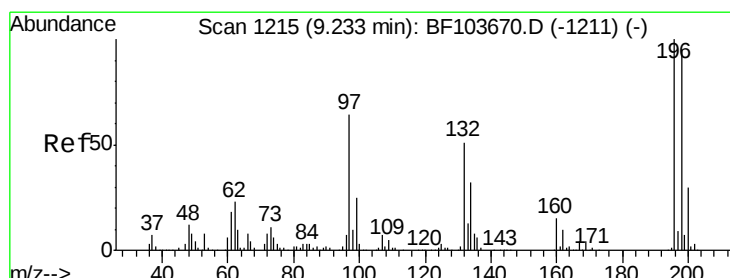
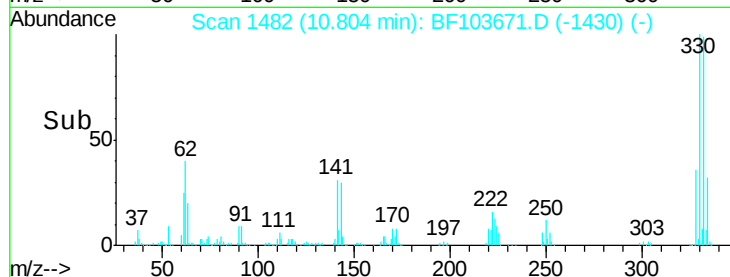
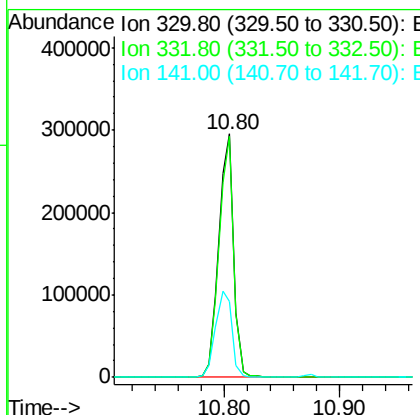
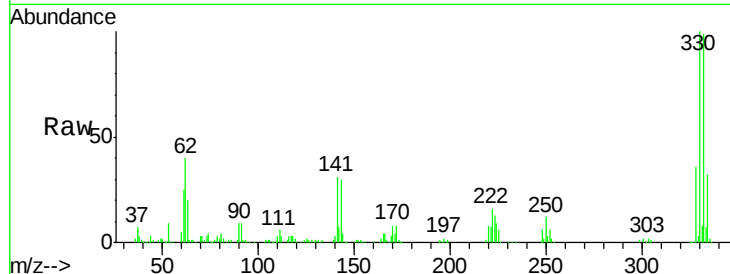
#41
 2,4,6-Tribromophenol
 Concen: 106.459 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100	266091		
332	97.1	77.0	115.6	
141	39.0	29.9	44.9	

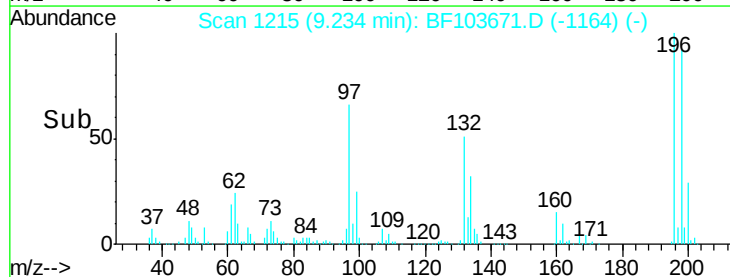
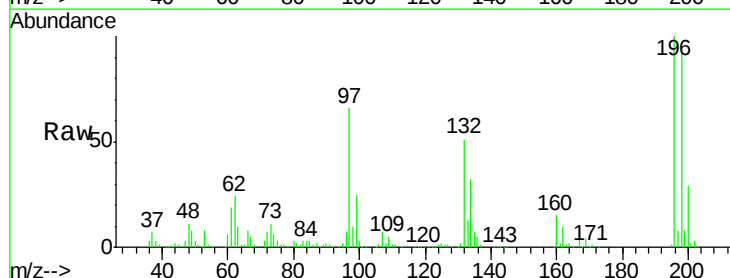
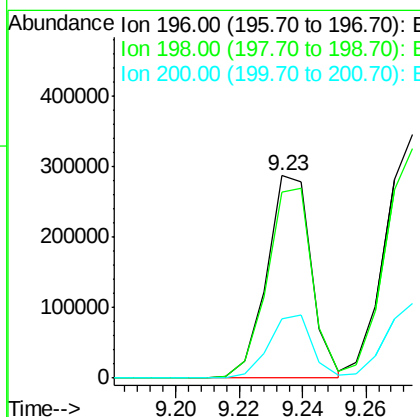
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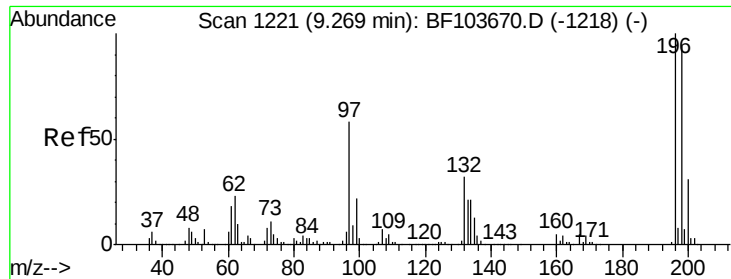
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 51.687 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280758		
198	92.1	75.7	113.5	
200	29.0	24.5	36.7	





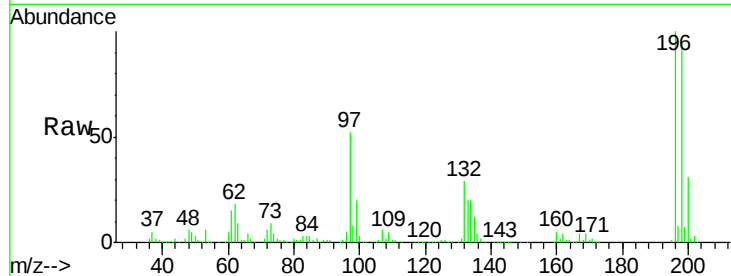
#43
2,4,5-Trichlorophenol
Concen: 50.869 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	317799		
198	94.4	74.6	112.0	
97	51.9	42.9	64.3	
132	29.0	26.3	39.5	

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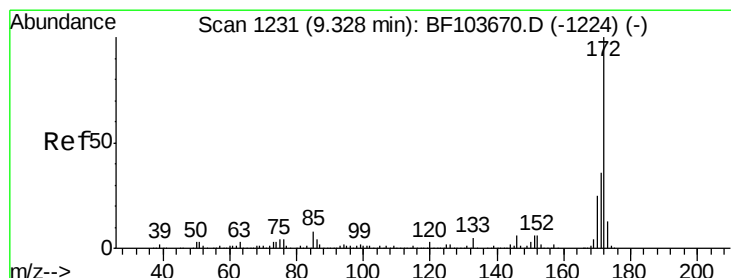
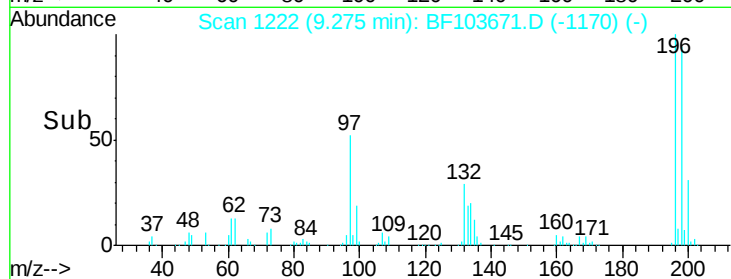
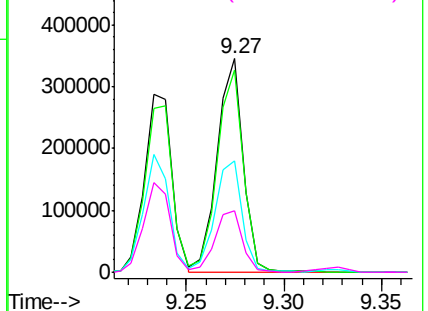
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 97.636 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

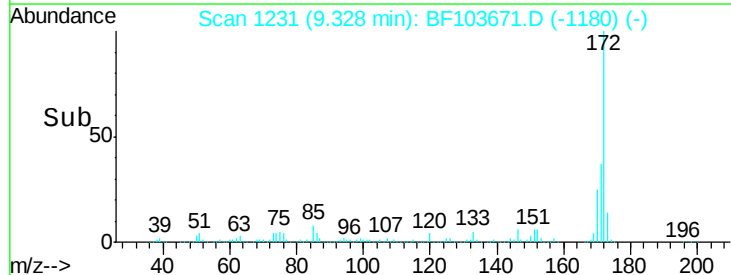
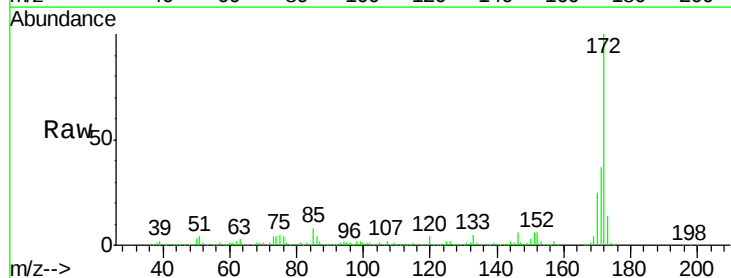
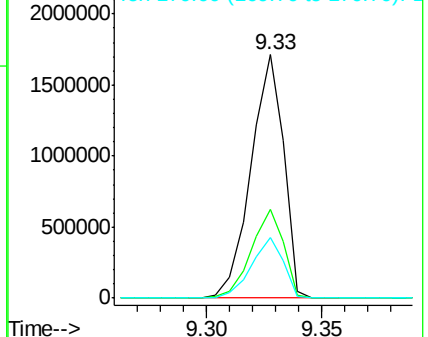
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1696013		
171	36.5	29.7	44.5	
170	24.7	19.6	29.4	

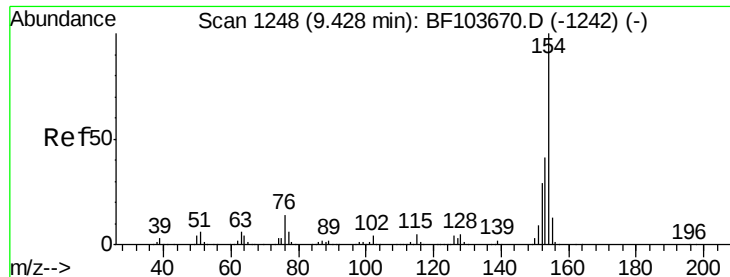
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.565 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1176930

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

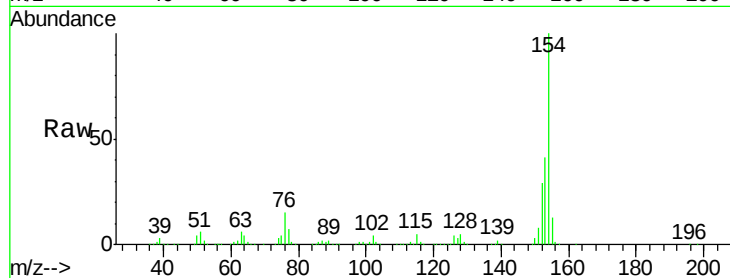
76 14.7 0.0 34.0

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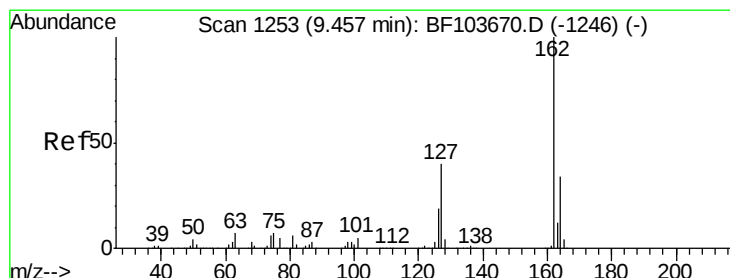
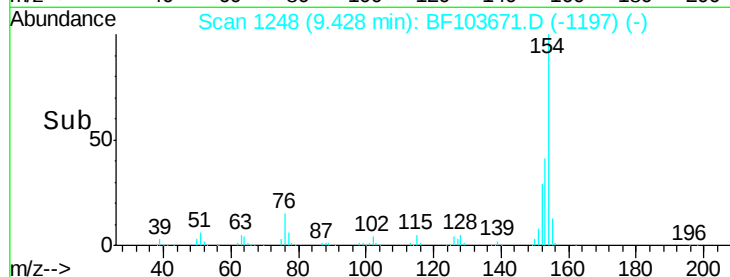
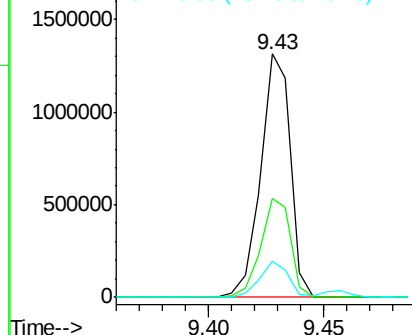
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 47.402 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

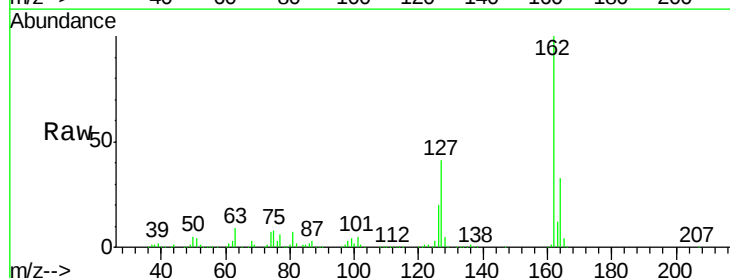
Tgt Ion:162 Resp: 927920

Ion Ratio Lower Upper

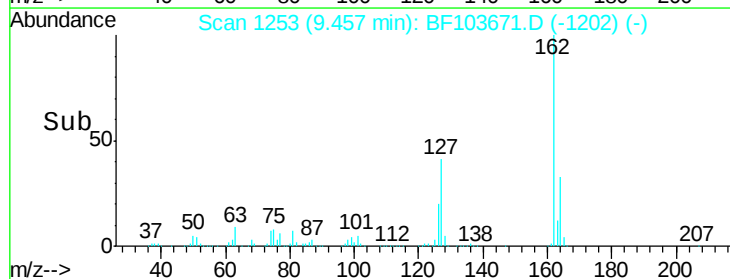
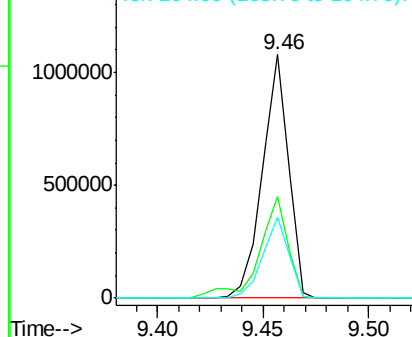
162 100

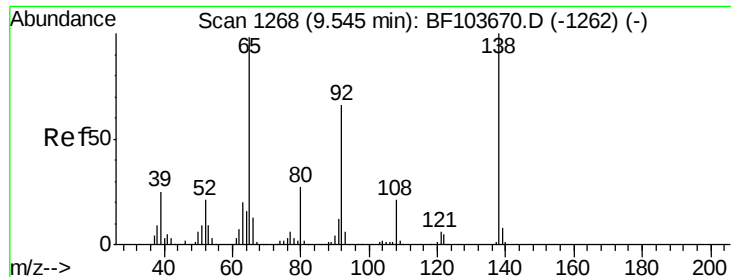
127 41.5 33.9 50.9

164 33.1 26.5 39.7



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





#47

2-Nitroaniline

Concen: 36.155 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

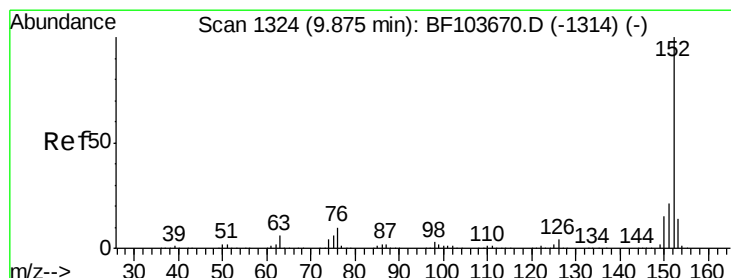
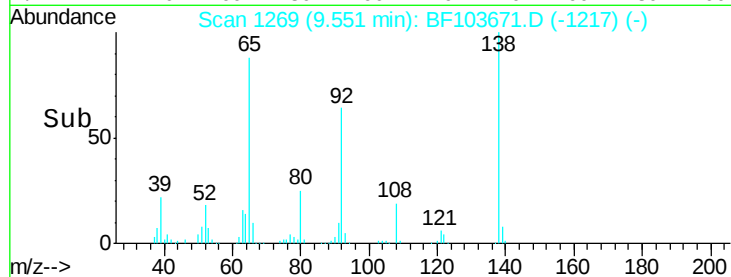
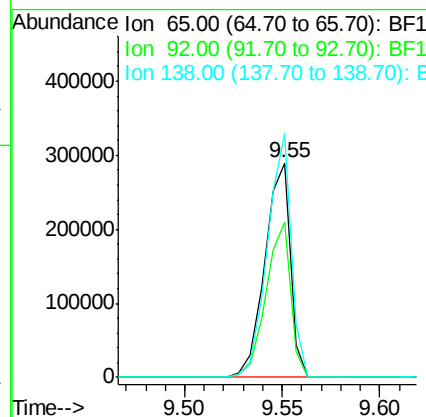
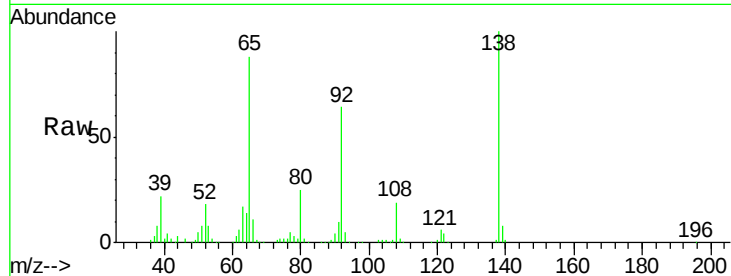
ClientSampleId :

SSTDICC050

Tot Ion:	65	Resp:	262166
Ion Ratio	Lower	Upper	
65	100		
92	72.1	55.8	83.6
138	113.4	91.2	136.8

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#48

Acenaphthylene

Concen: 47.891 ng

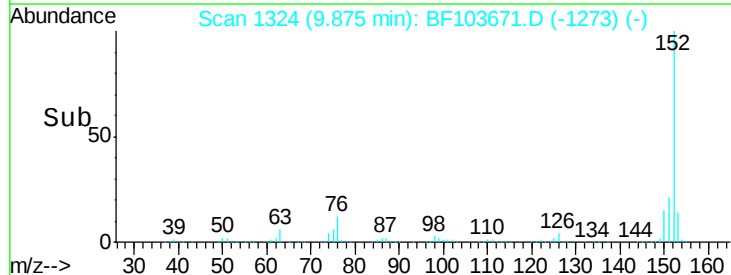
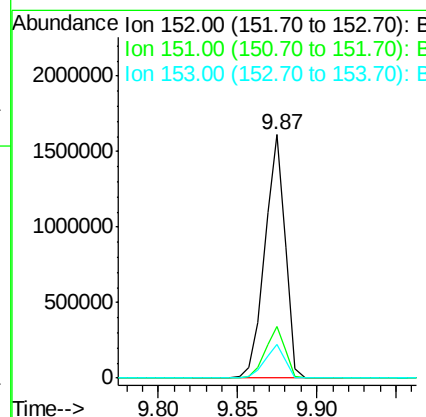
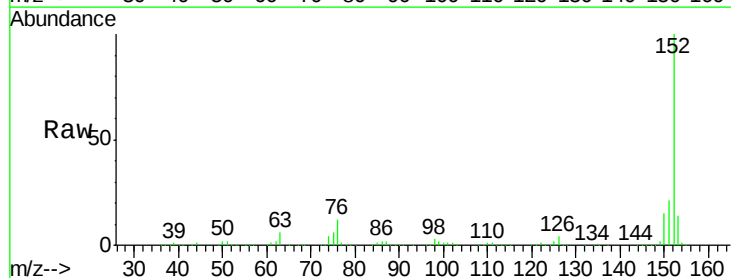
RT: 9.87 min Scan# 1324

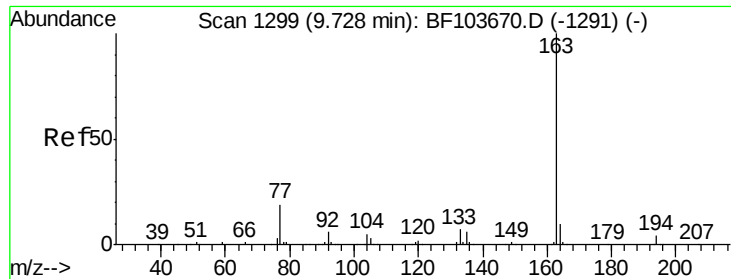
Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion:	152	Resp:	1442443
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.3	24.5
153	13.8	10.7	16.1





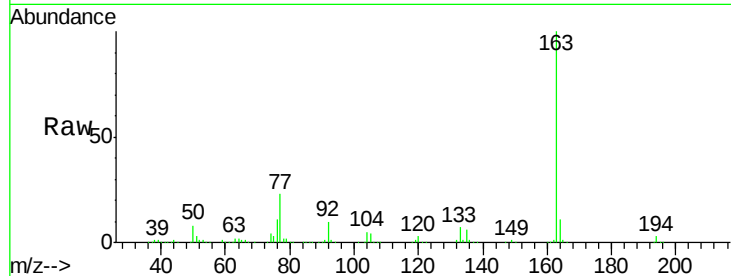
#49
Dimethylphthalate
Concen: 46.290 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.7	8.2	12.2

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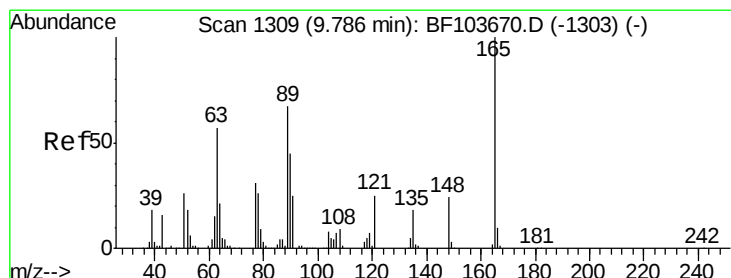
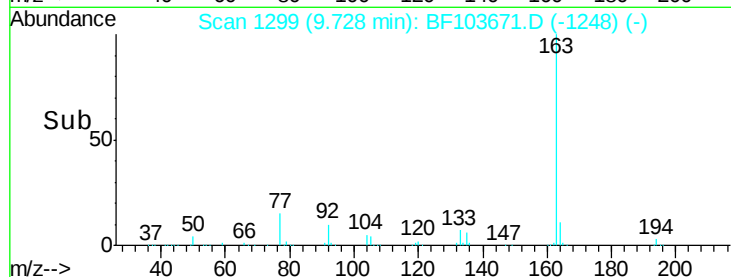
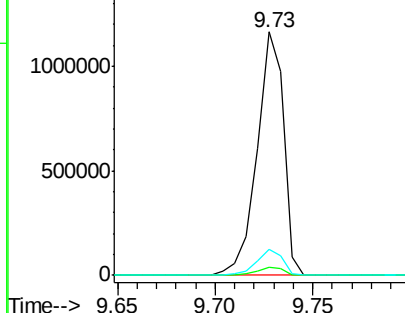


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 45.082 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

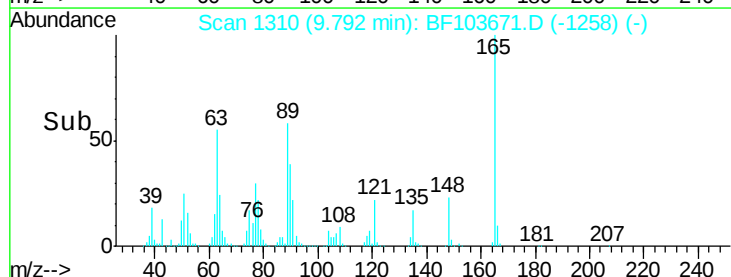
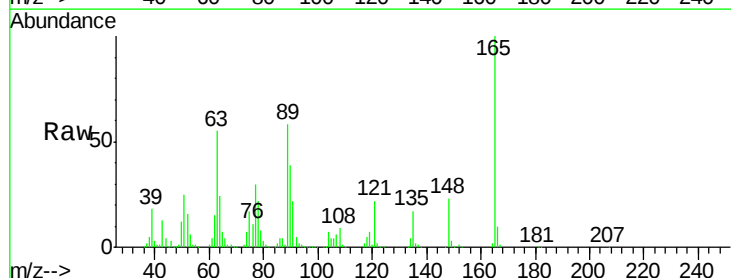
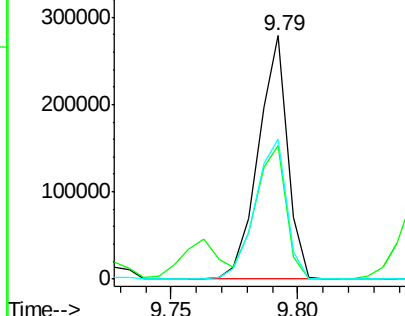
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	44.7	67.1
89	57.6	44.0	66.0

Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 49.171 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

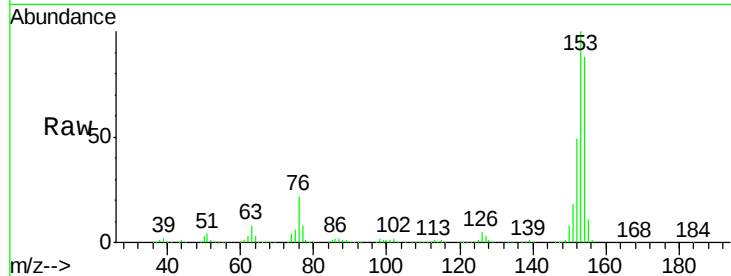
ClientSampleId :

SSTDIC050

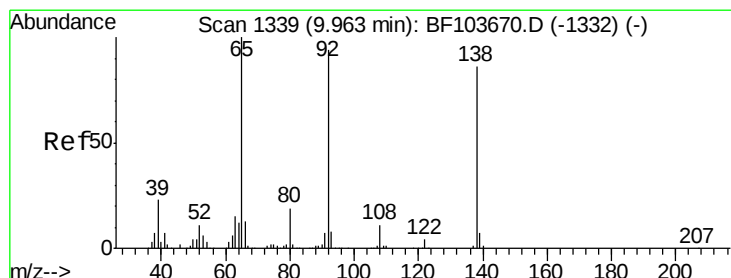
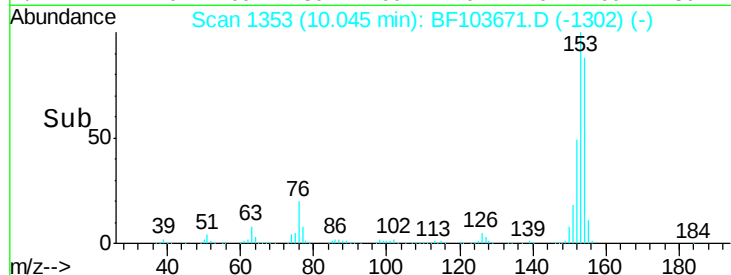
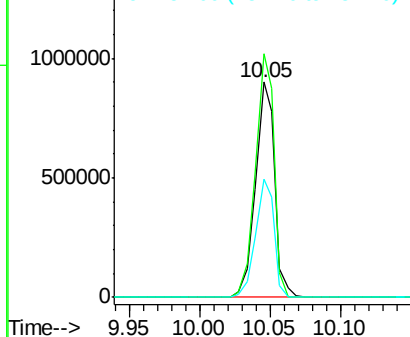
Tot Ion:	154	Resp:	863581
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	55.0	43.8	65.8

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



#52

3-Nitroaniline

Concen: 42.320 ng

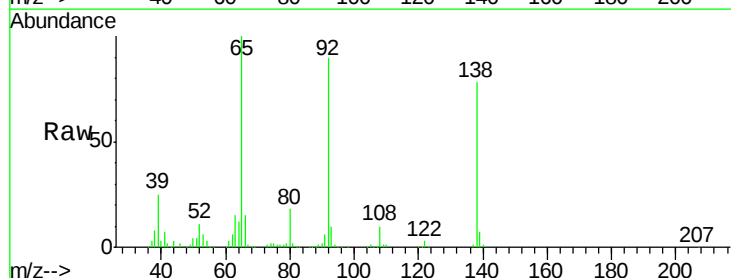
RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

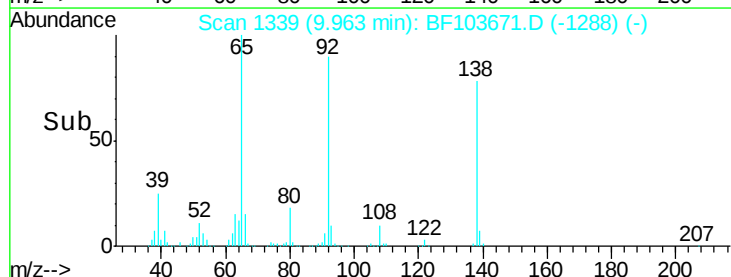
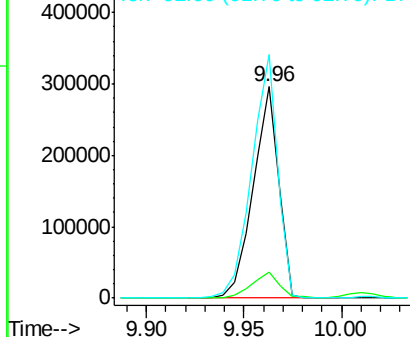
Lab File: BF103671.D

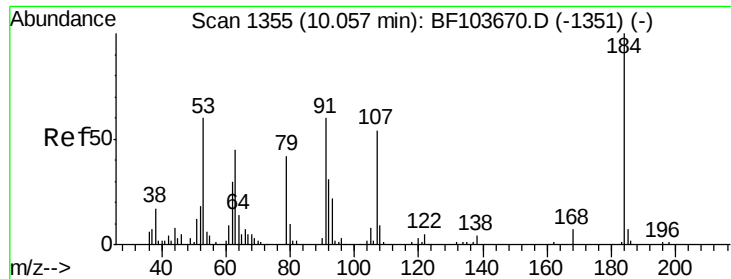
Acq: 15 Mar 2018 16:06

Tgt Ion:	138	Resp:	266911
Ion Ratio	Lower	Upper	
138	100		
108	12.5	9.4	14.0
92	115.4	89.4	134.2



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





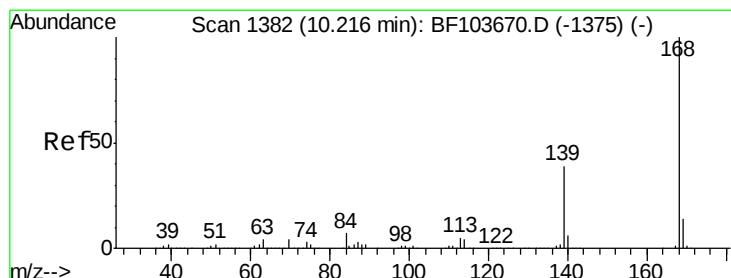
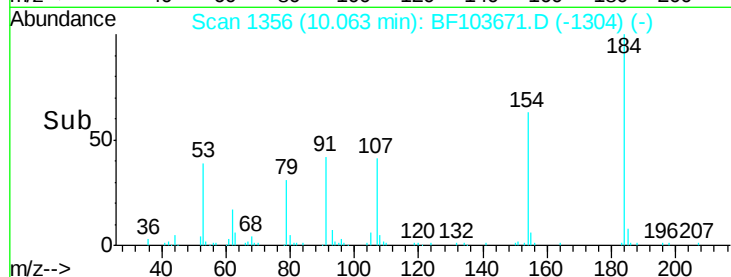
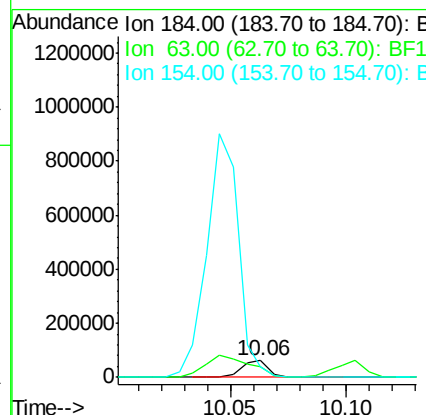
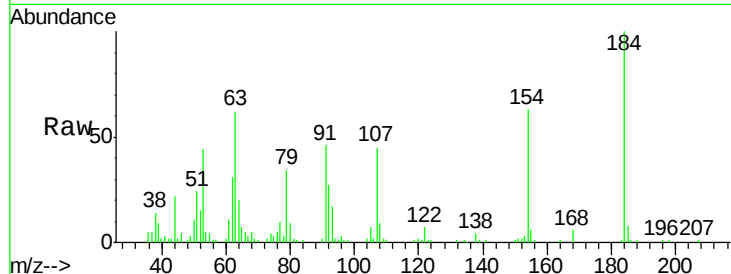
#53
2,4-Dinitrophenol
Concen: 35.534 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.8	54.2	81.2
154	63.3	184.0	276.0#

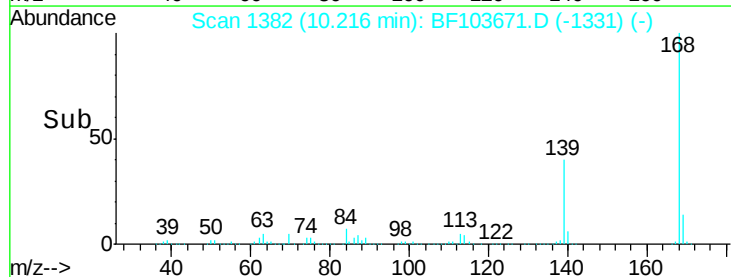
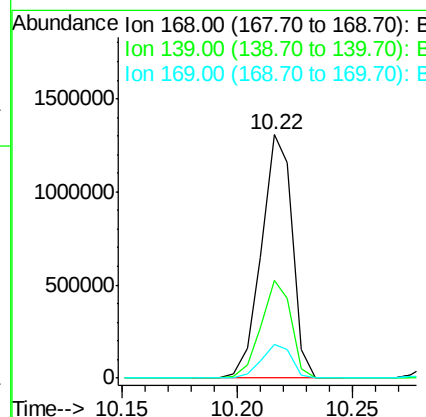
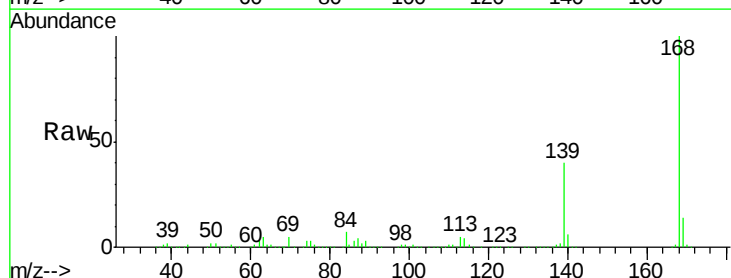
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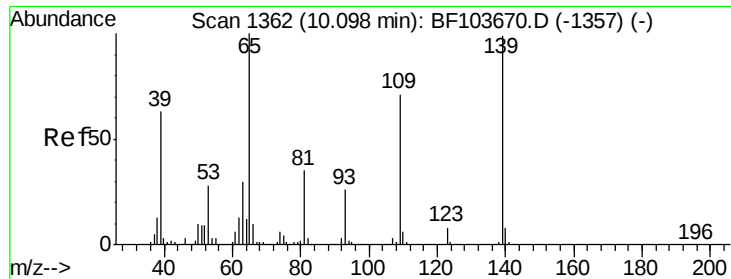
Sohil
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#54
Dibenzofuran
Concen: 50.620 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	13.8	10.9	16.3





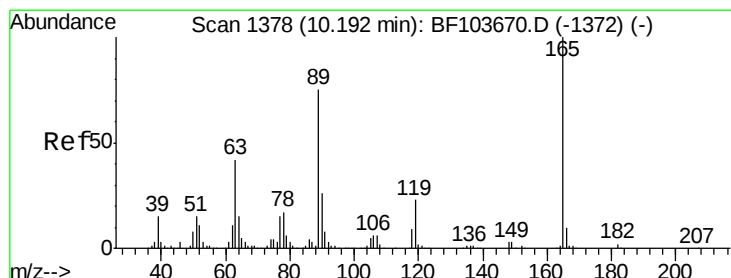
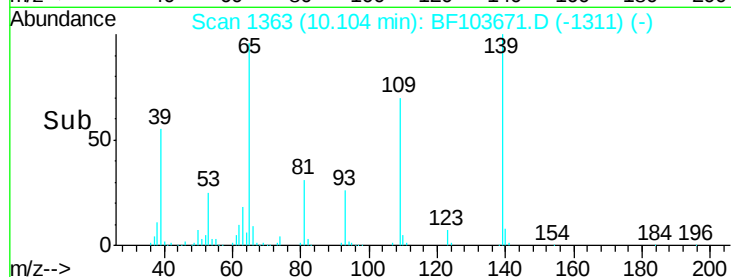
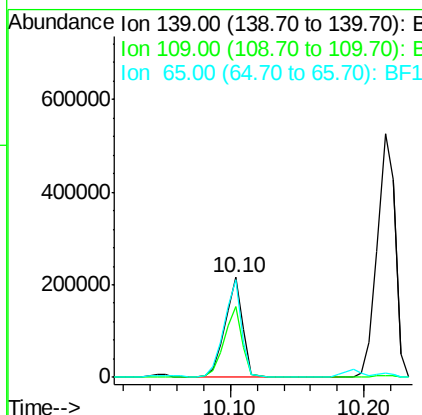
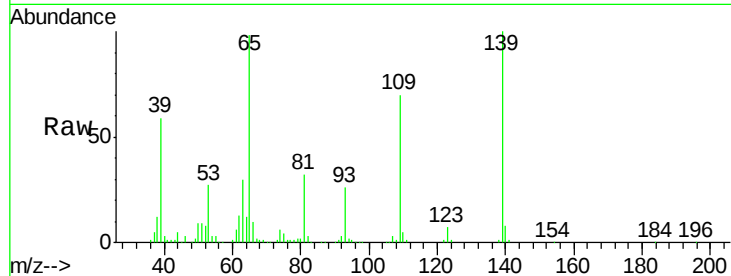
#55
4-Nitrophenol
Concen: 51.622 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100	201786		
109	70.5	48.4	88.4	
65	97.7	72.6	112.6	

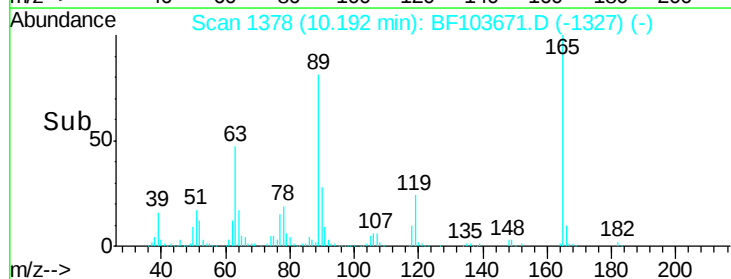
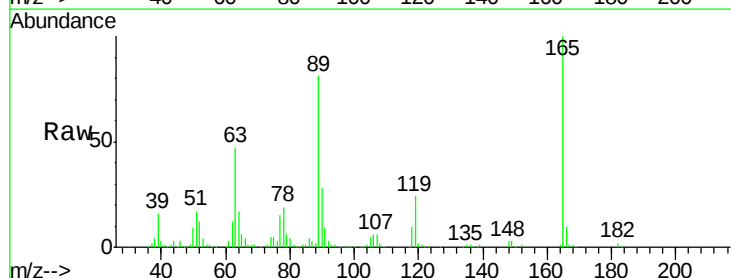
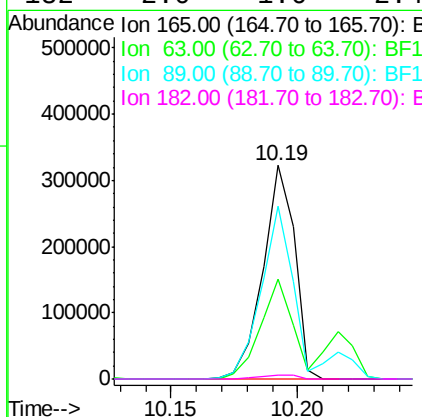
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 44.929 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	282472		
63	47.0	36.4	54.6	
89	81.2	57.8	86.6	
182	2.0	1.6	2.4	





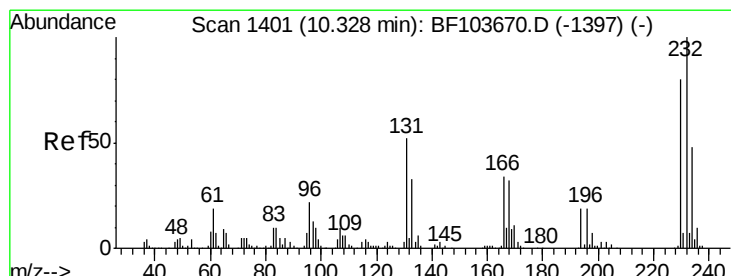
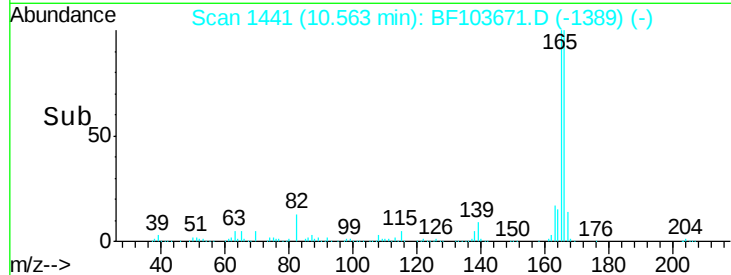
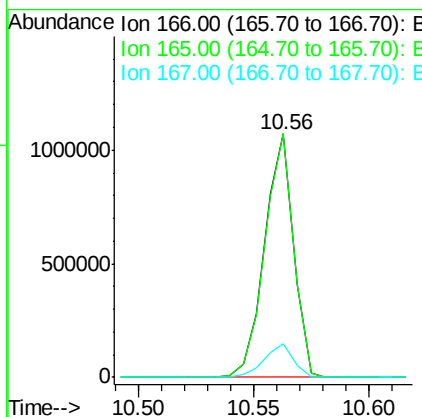
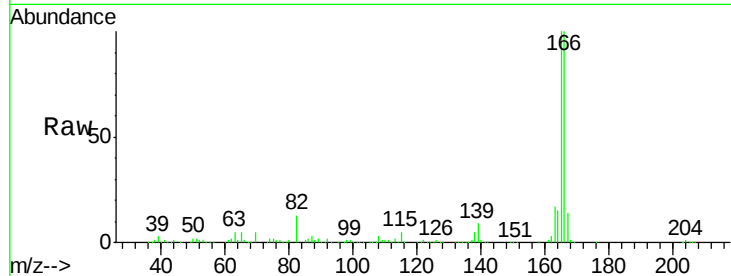
#57
 Fluorene
 Concen: 45.594 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.7	10.6	16.0

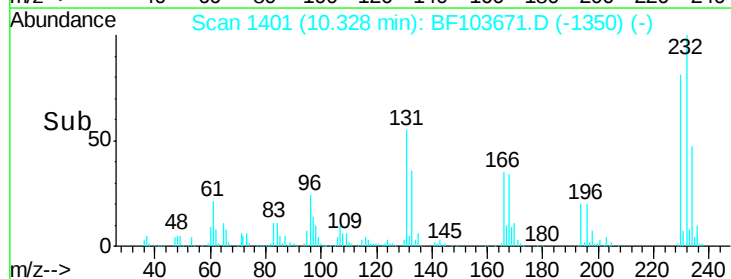
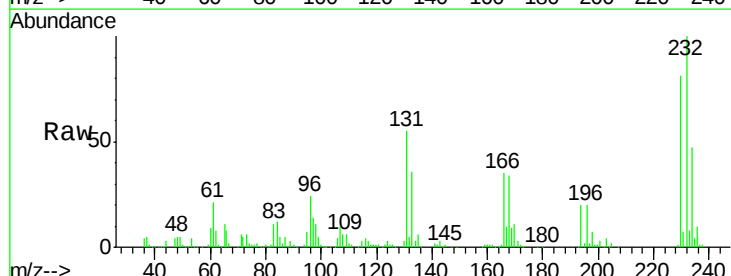
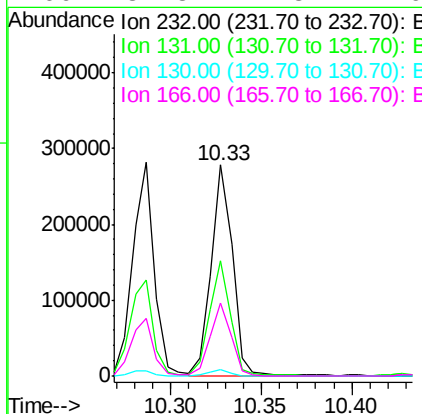
Manual Integrations
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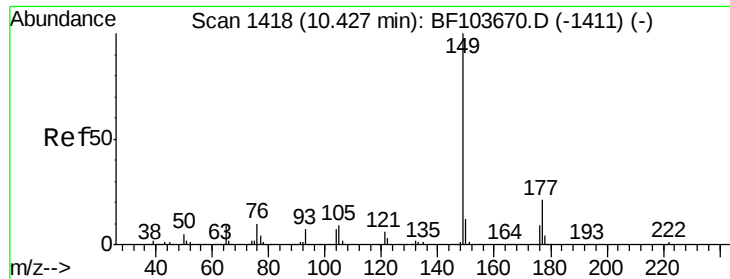
Sohil
 3/16/2018 12:06:11 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.061 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.0	43.8	65.8
130	2.7	2.1	3.1
166	34.8	27.8	41.6





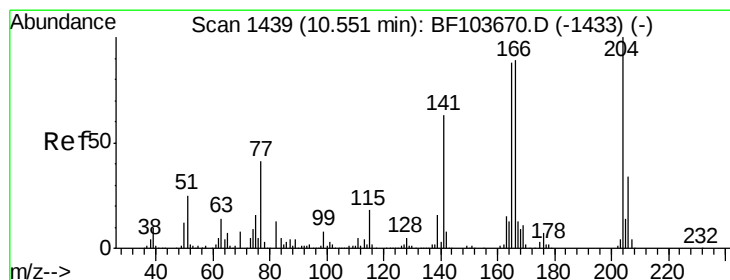
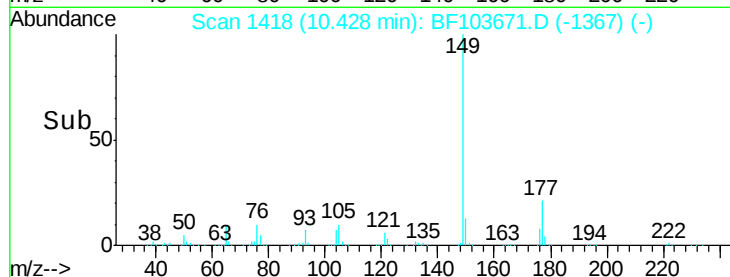
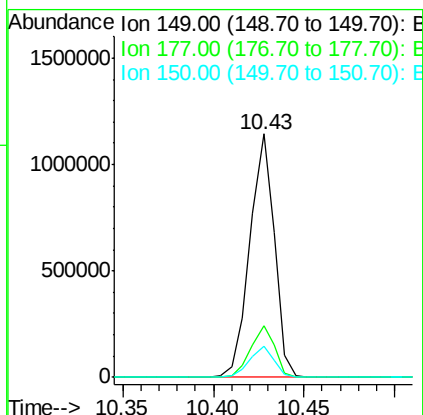
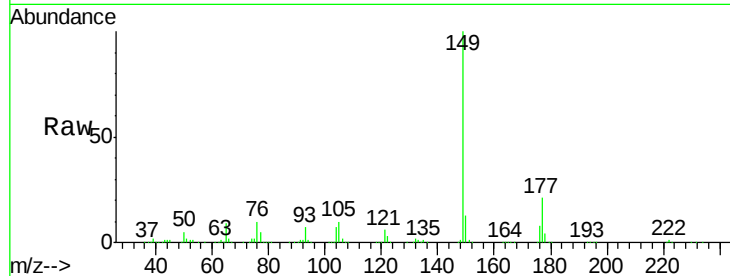
#59
Diethylphthalate
Concen: 47.479 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:149 Resp: 1075684
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.7 10.1 15.1

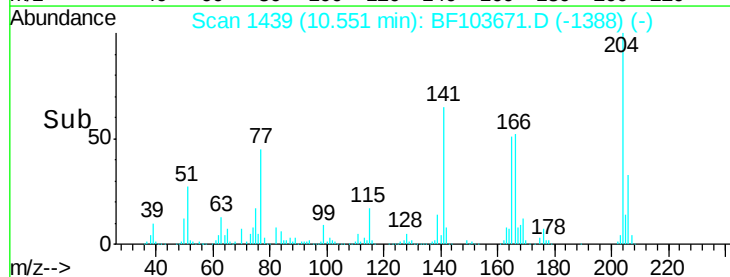
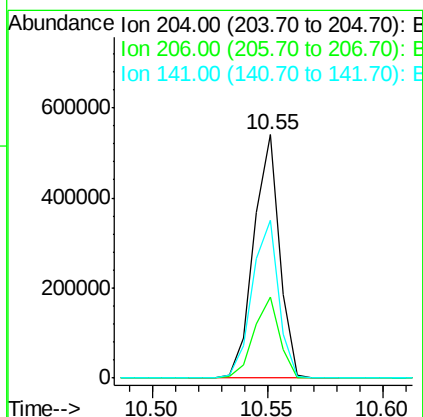
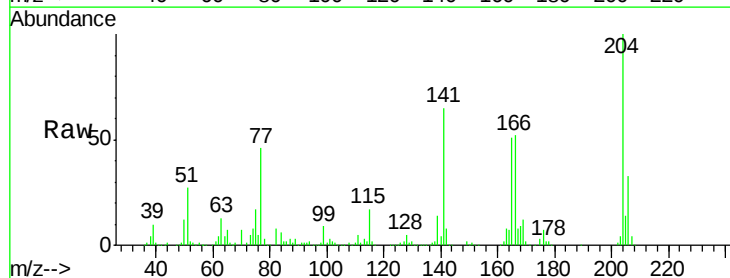
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 48.527 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion:204 Resp: 422641
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 65.0 54.6 81.8





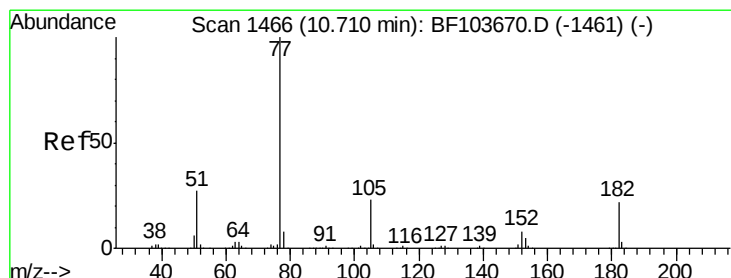
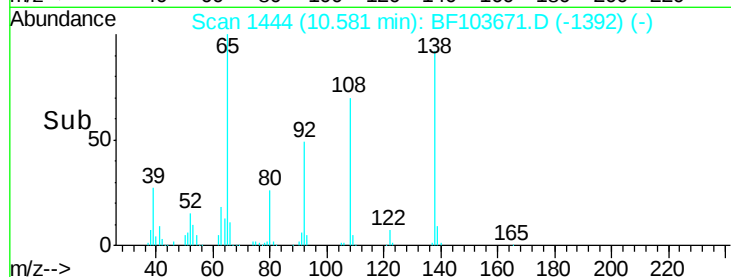
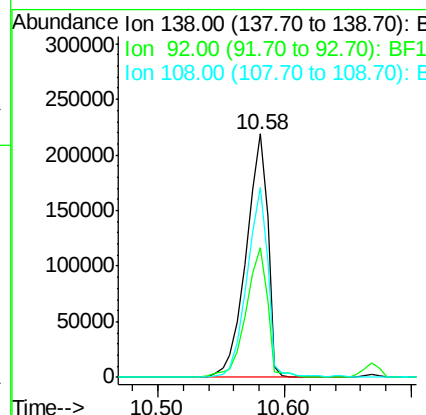
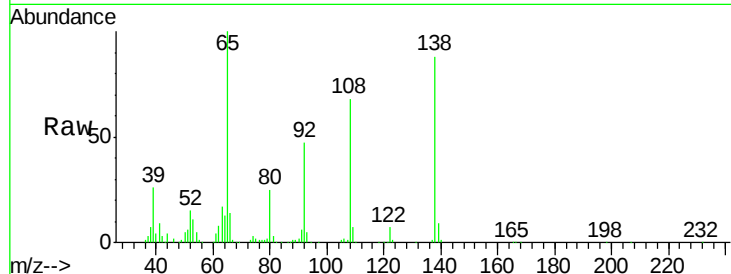
#61
4-Nitroaniline
Concen: 40.925 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	30.2	70.2
108	77.8	52.5	92.5

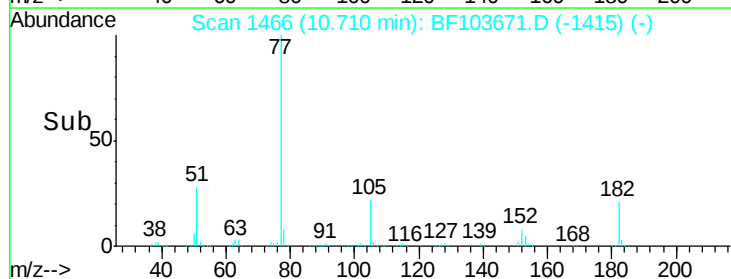
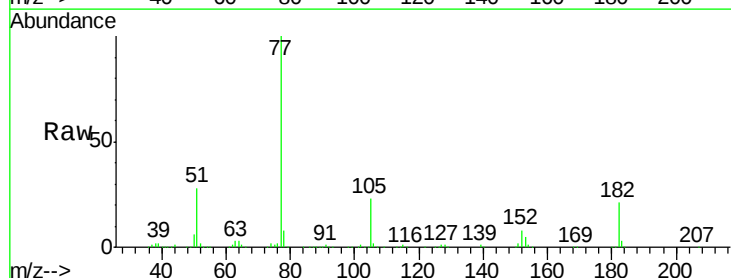
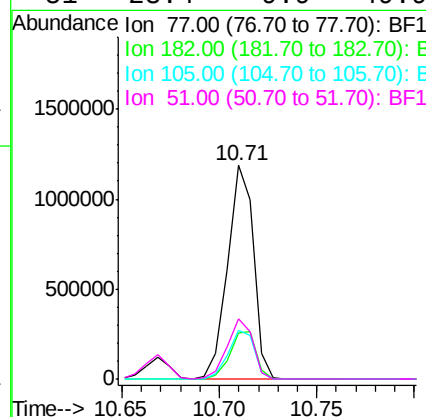
Manual Integrations
APPROVED

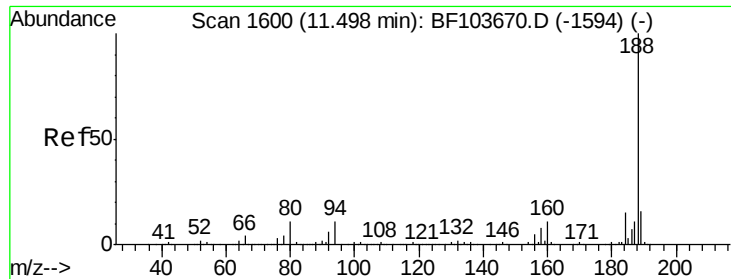
Sohil
3/16/2018 12:06:11 PM



#62
Azobenzene
Concen: 47.292 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.7	41.7
105	22.9	3.0	43.0
51	28.4	9.9	49.9





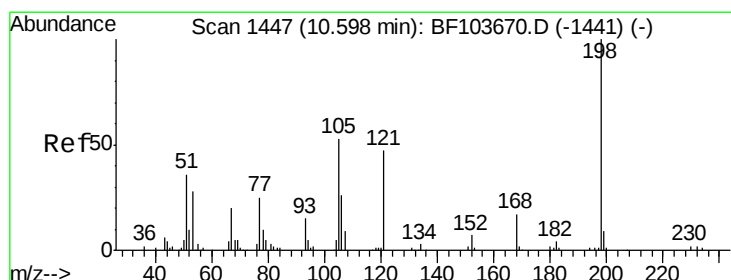
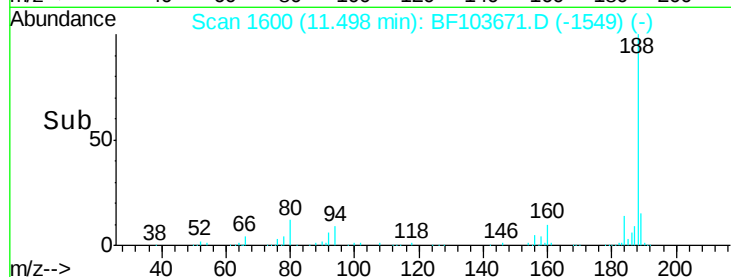
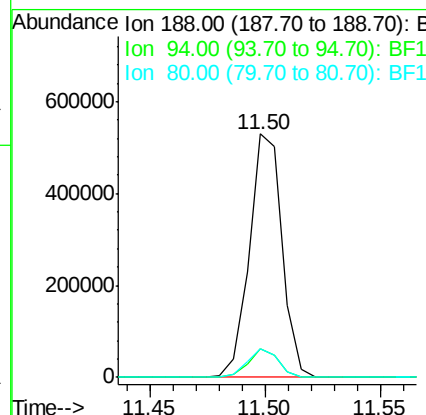
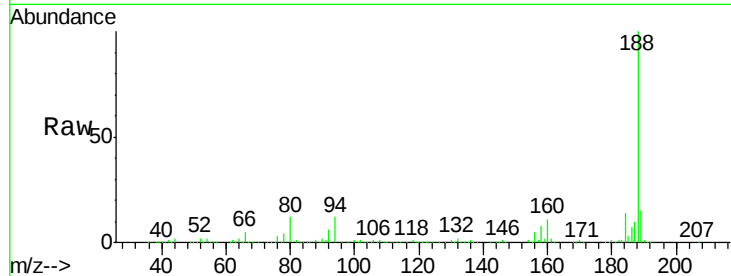
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100	522483		
94	11.7		8.5	12.7
80	12.0		9.2	13.8

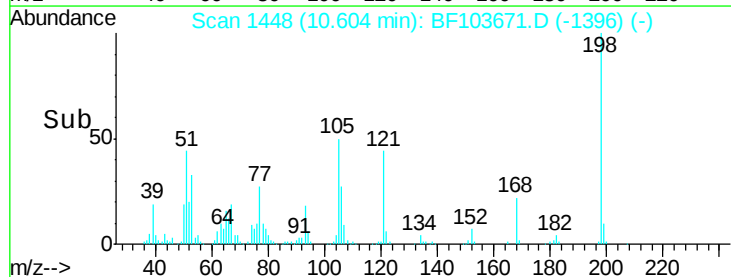
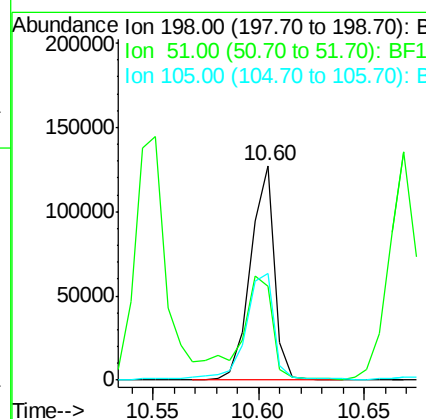
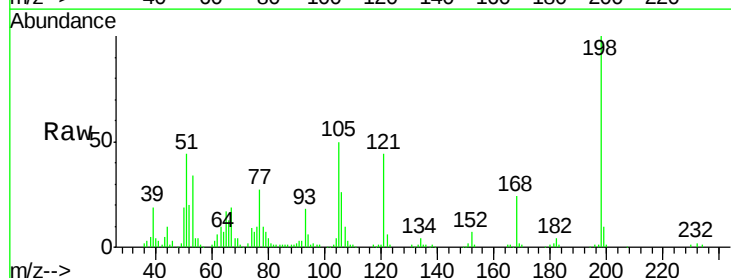
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.984 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	99283		
51	44.0		37.7	77.7
105	49.6		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 47.397 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

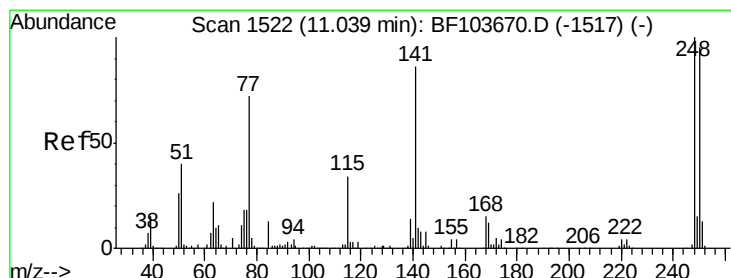
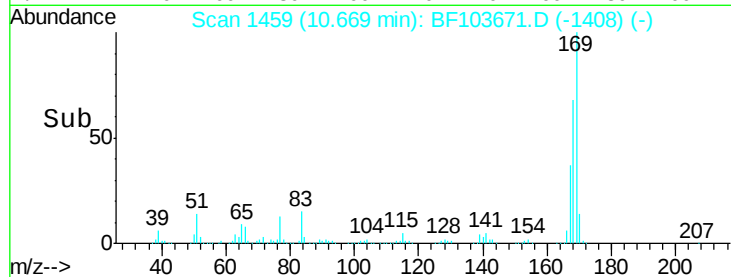
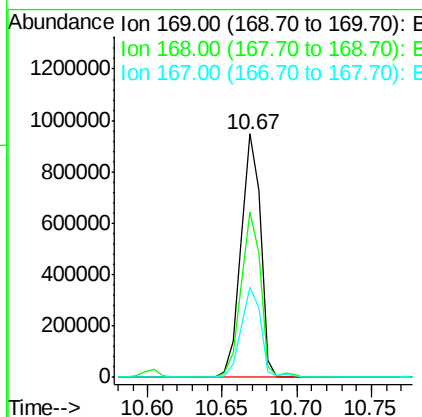
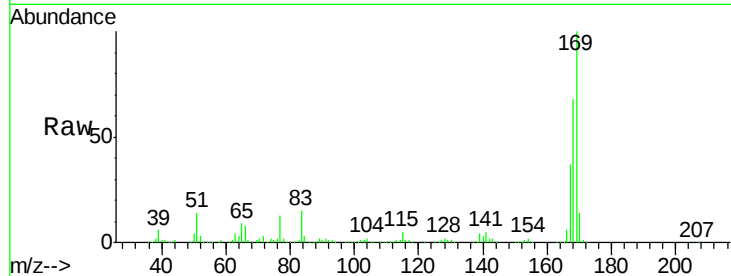
ClientSampleId :

SSTDIC050

Tot Ion:	169	Resp:	862255
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.4	81.6
167	37.1	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 48.293 ng

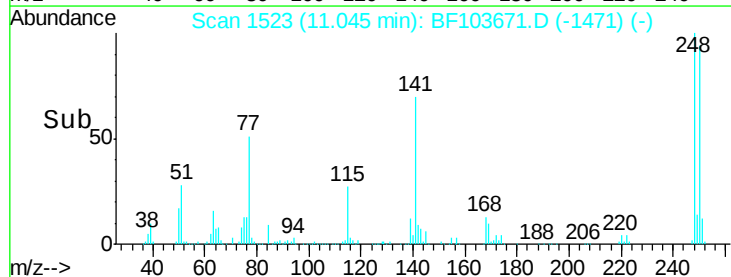
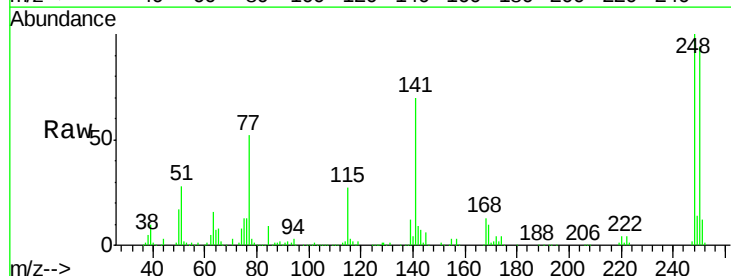
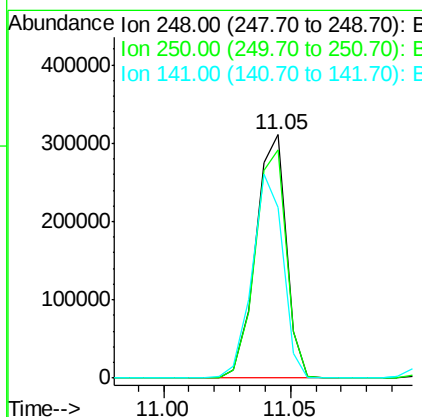
RT: 11.05 min Scan# 1523

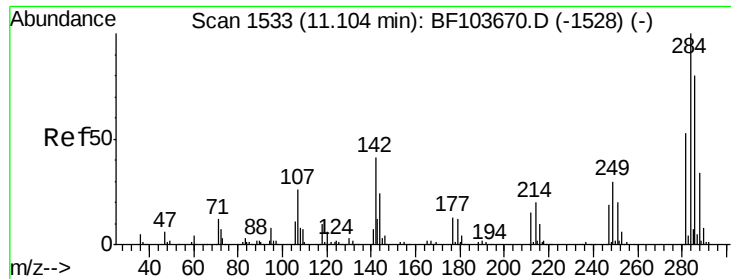
Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Tgt Ion:	248	Resp:	262845
Ion Ratio	Lower	Upper	
248	100		
250	93.8	76.9	115.3
141	70.1	74.4	111.6#





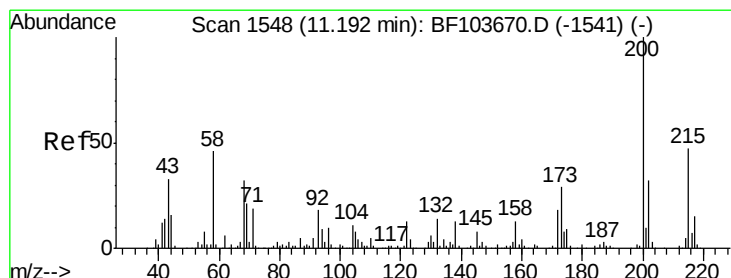
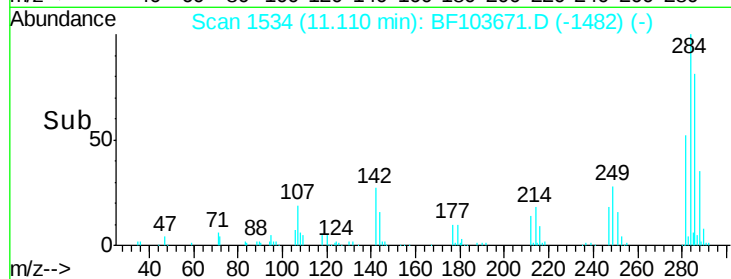
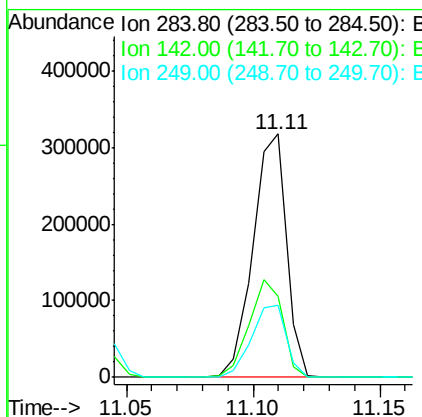
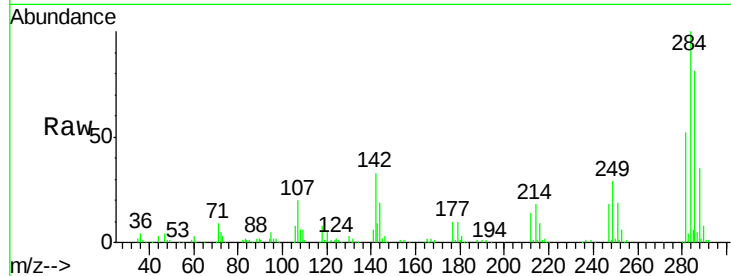
#67
Hexachlorobenzene
Concen: 49.702 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100	293613		
142	33.2	34.6	52.0	
249	29.4	24.8	37.2	

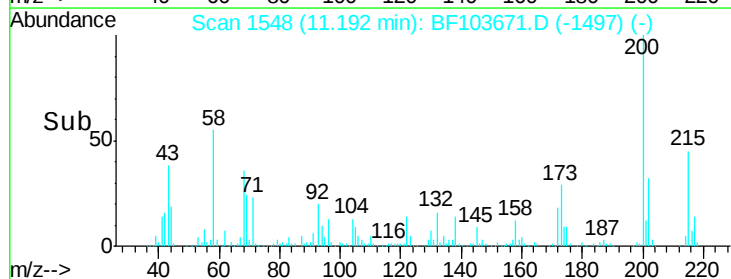
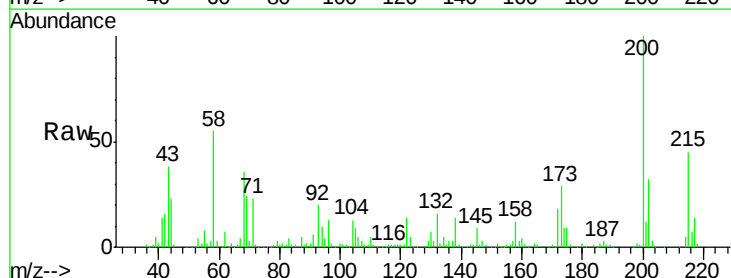
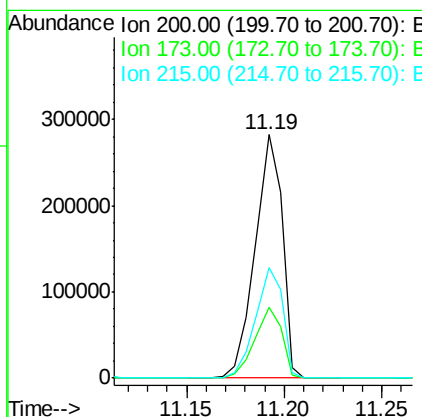
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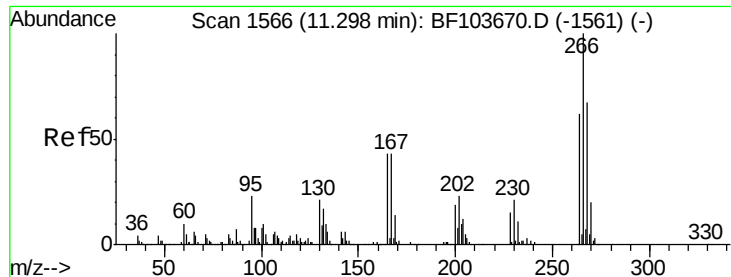
Sohil
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#68
Atrazine
Concen: 49.811 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	272363		
173	29.0	8.6	48.6	
215	45.2	25.1	65.1	





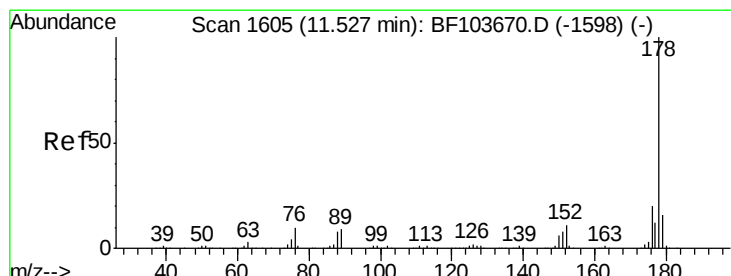
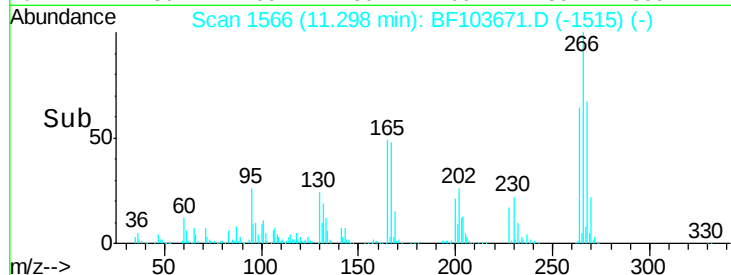
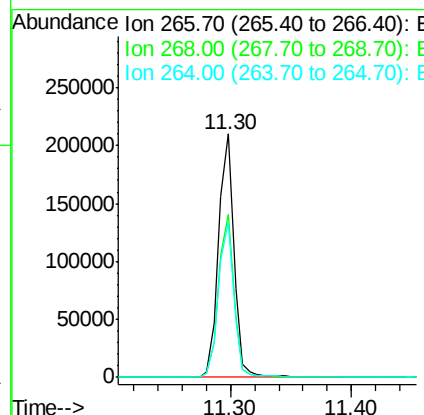
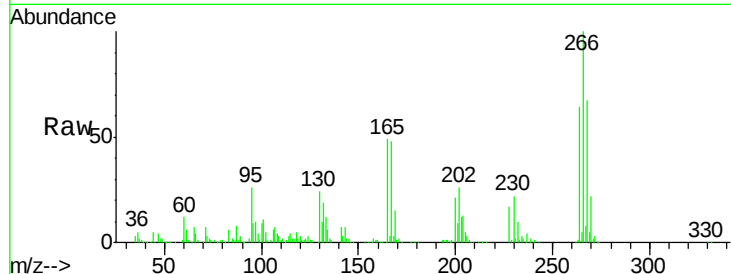
#69
 Pentachlorophenol
 Concen: 64.677 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	64.0	49.5	74.3

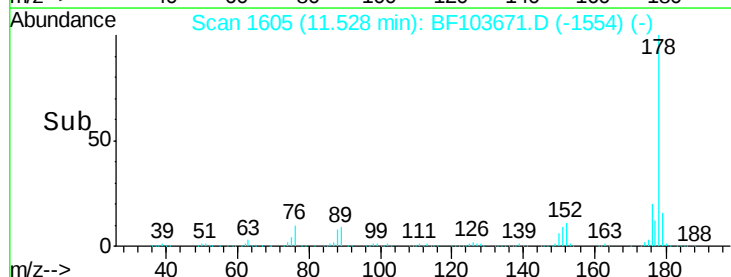
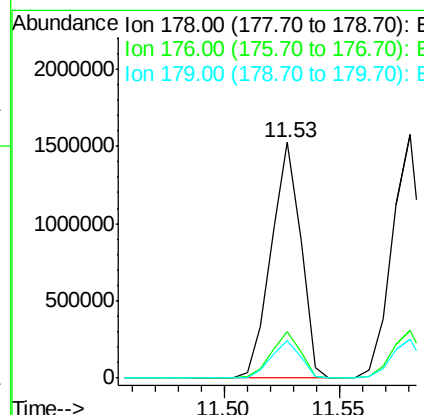
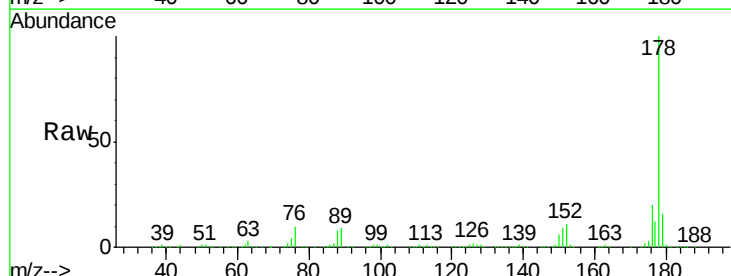
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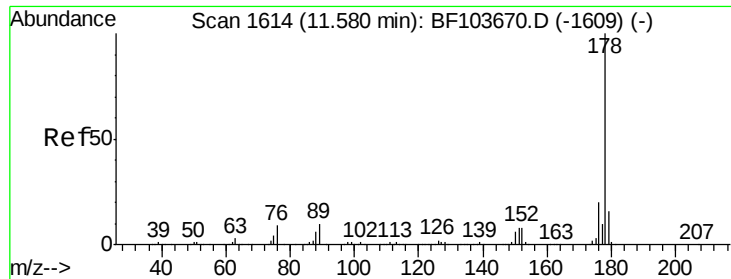
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#70
 Phenanthrene
 Concen: 47.199 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6





#71
 Anthracene
 Concen: 46.916 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

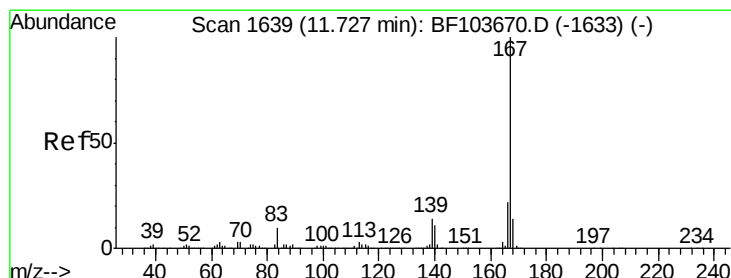
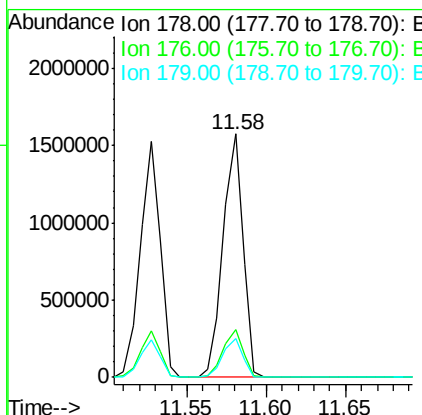
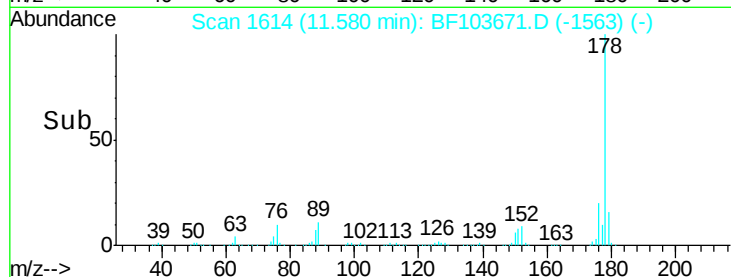
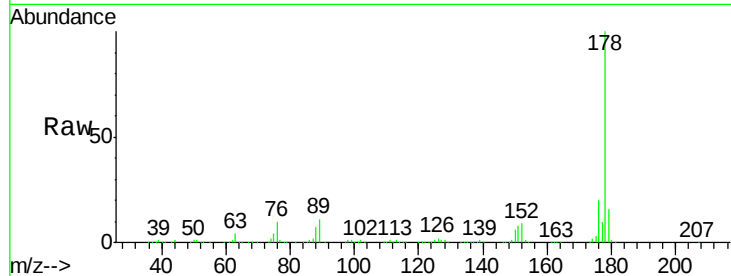
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1383315

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

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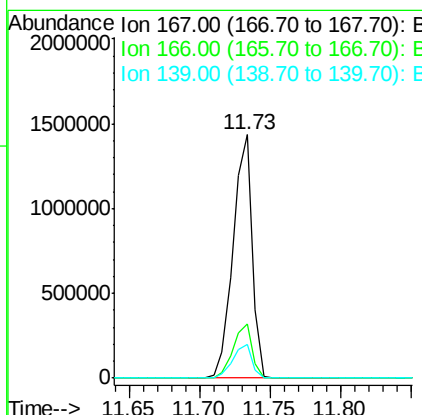
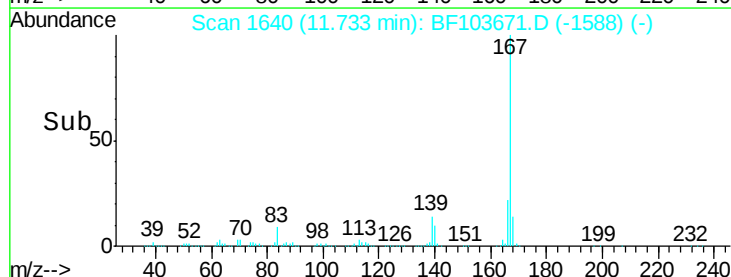
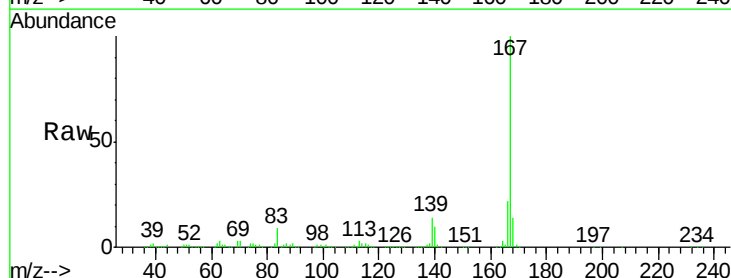
Sohil
 3/16/2018 12:06:11 PM

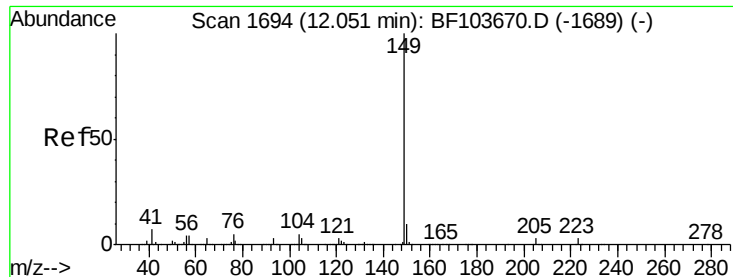


#72
 Carbazole
 Concen: 45.879 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Tgt Ion:167 Resp: 1347124

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.713 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1642813

Ion Ratio Lower Upper

149 100

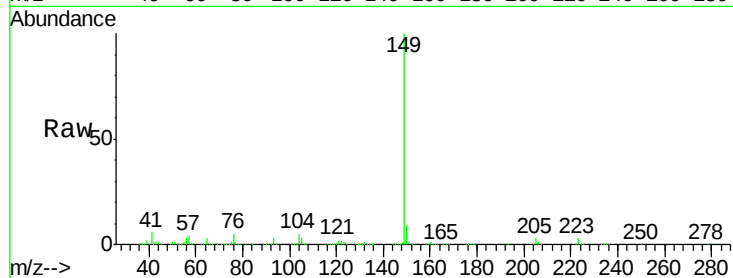
150 9.5 7.8 11.6

104 5.0 3.8 5.8

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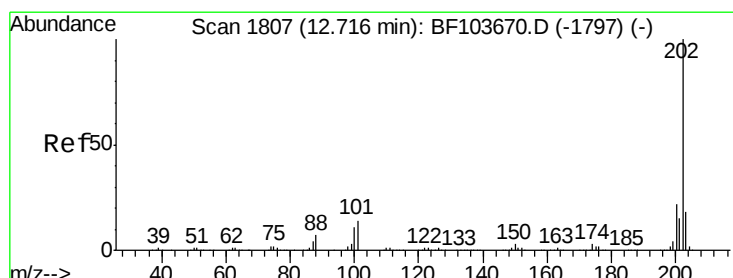
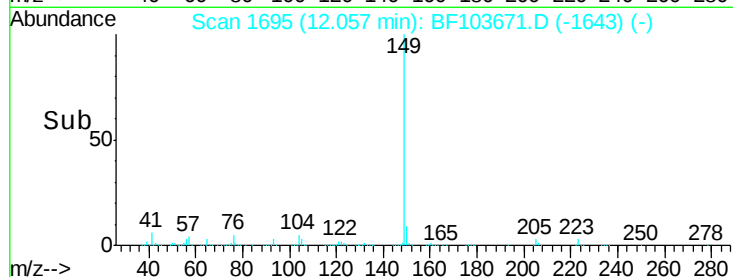
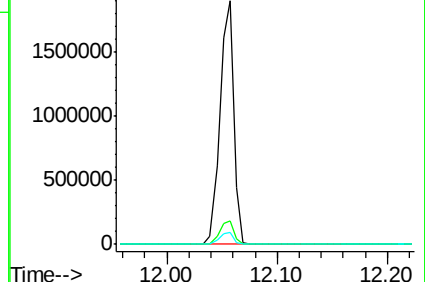
3/16/2018 12:06:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.289 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

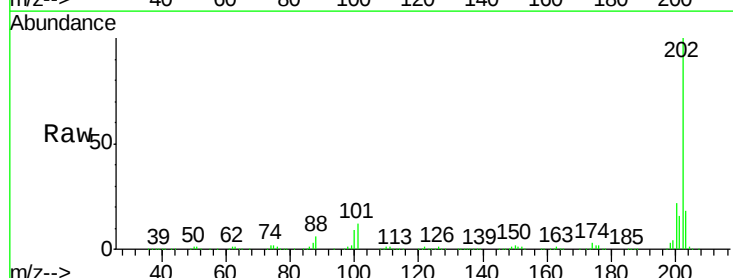
Tgt Ion:202 Resp: 1395287

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

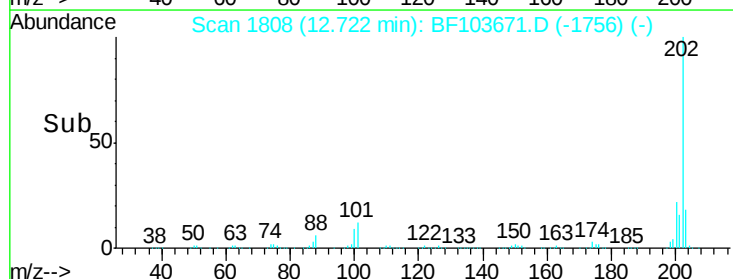
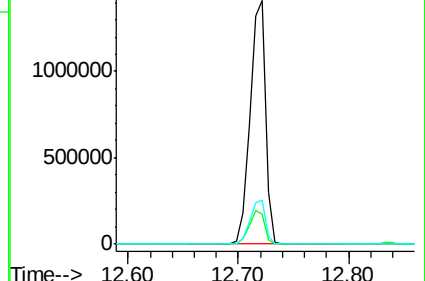
203 18.0 0.0 38.1

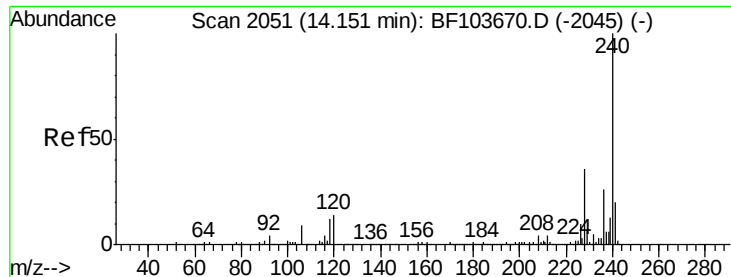


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:240 Resp: 405918

Ion Ratio Lower Upper

240 100

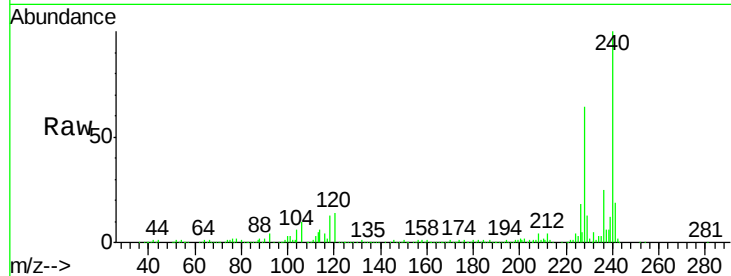
120 14.5 9.5 14.3#

236 25.5 20.7 31.1

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

600000

500000

400000

300000

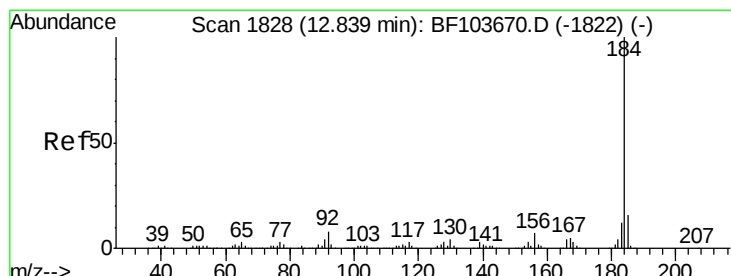
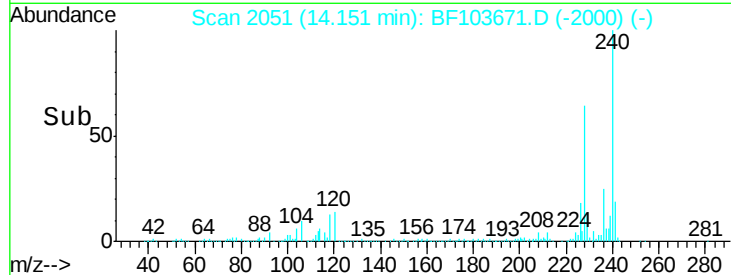
200000

100000

0

14.10 14.15 14.20 14.25

Time-->



#76

Benzidine

Concen: 57.217 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

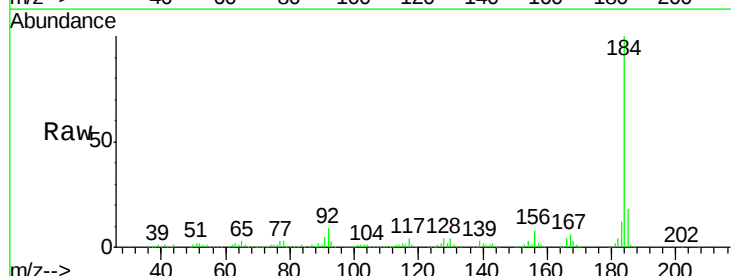
Tgt Ion:184 Resp: 868283

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

183 12.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

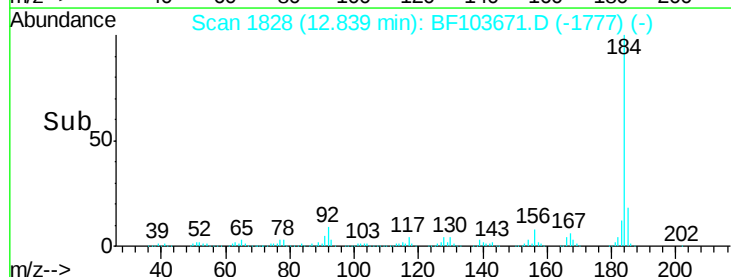
1000000

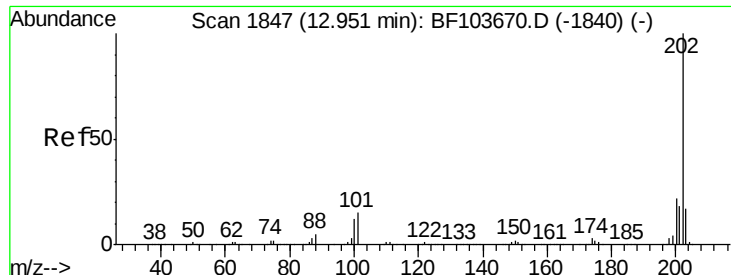
500000

0

12.80 12.84 12.90 13.00

Time-->





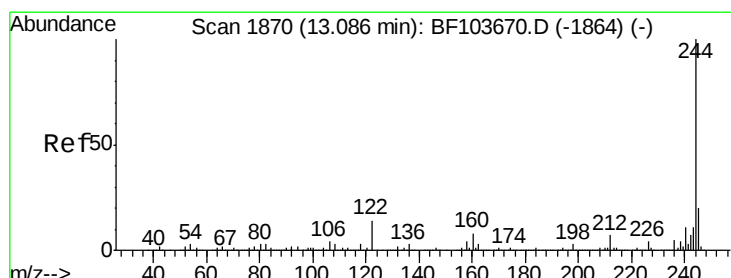
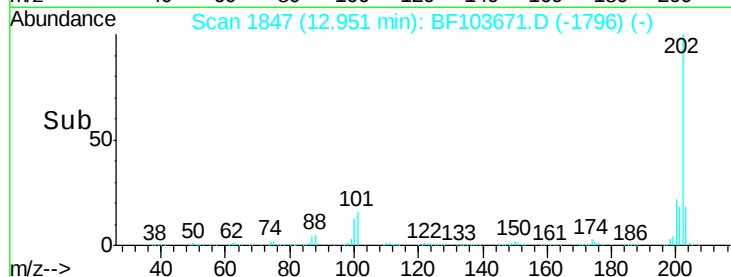
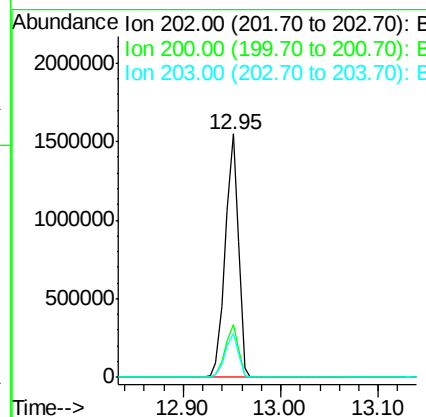
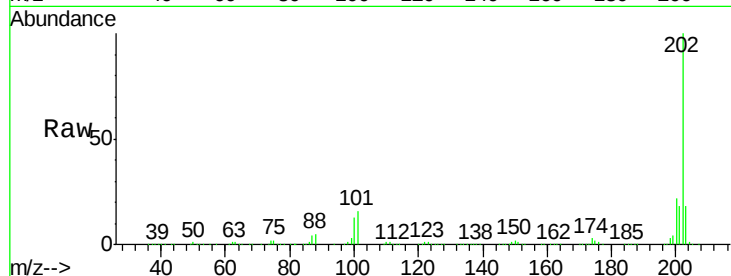
#77
Pvrene
Concen: 45.652 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.9	14.3	21.5

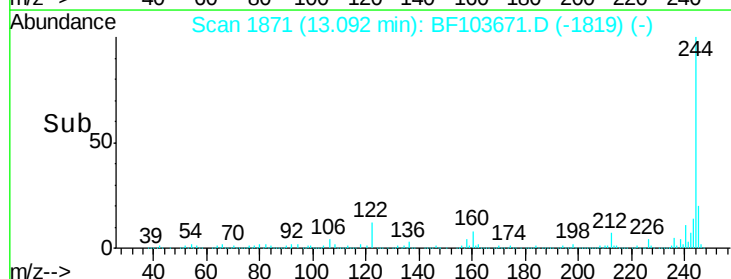
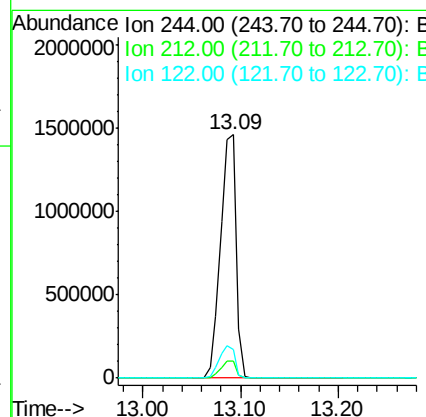
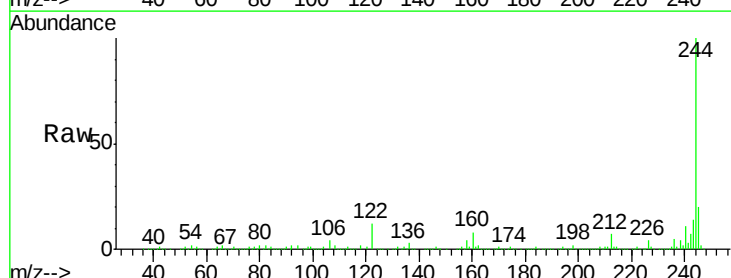
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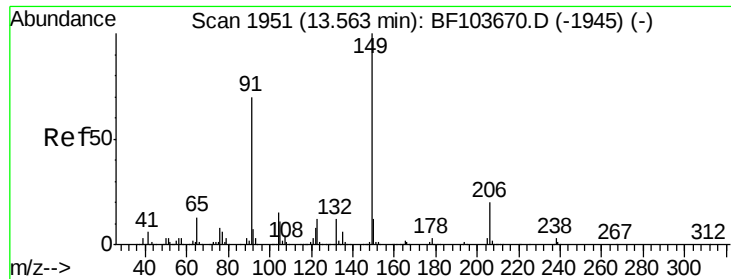
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#78
Terphenyl-d14
Concen: 96.148 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.0	11.0	16.4





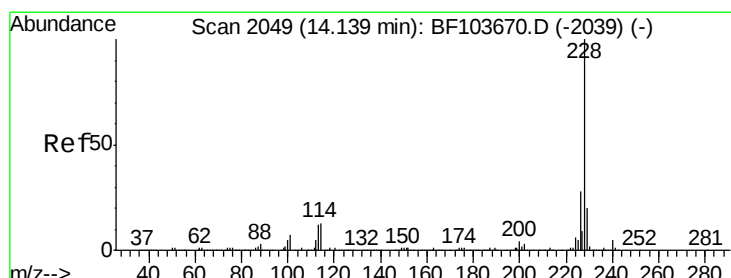
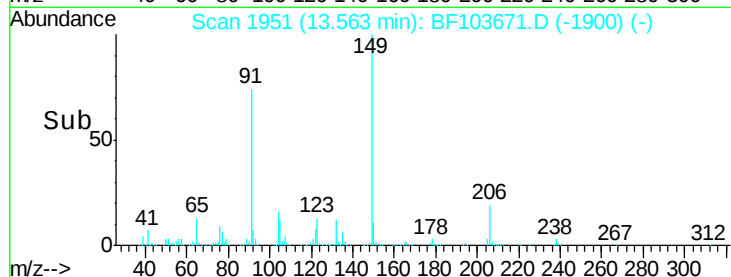
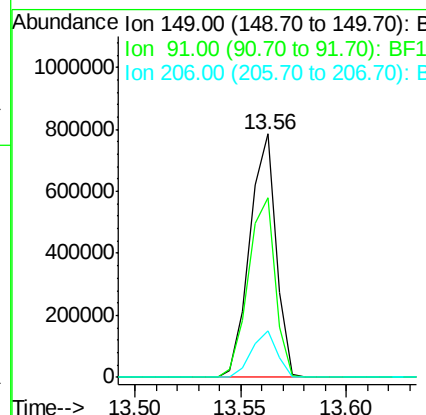
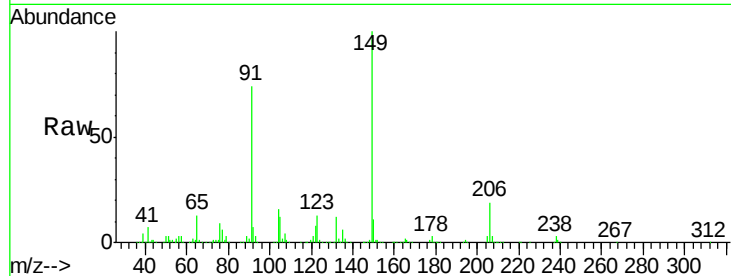
#79
Butylbenzylphthalate
Concen: 40.767 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	681655		
91	73.9	56.8	85.2	
206	19.1	14.1	21.1	

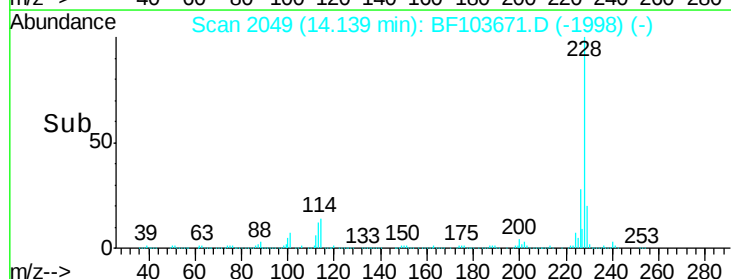
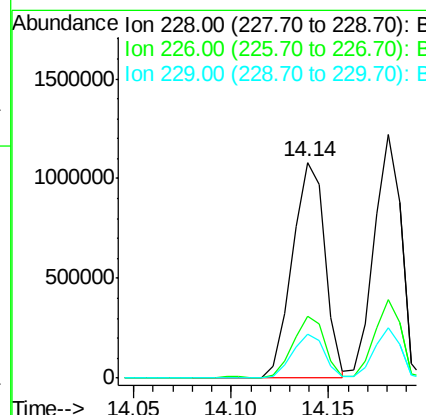
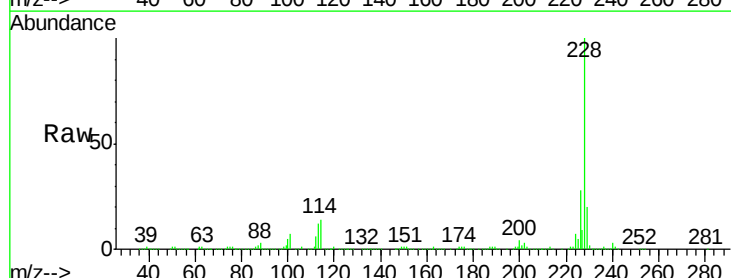
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#80
Benzo(a)anthracene
Concen: 47.422 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1248965		
226	28.4	22.6	33.8	
229	20.3	15.8	23.6	





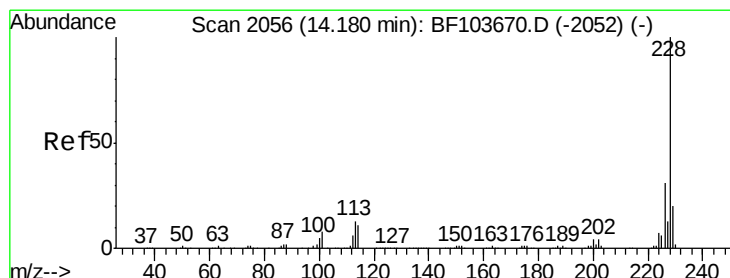
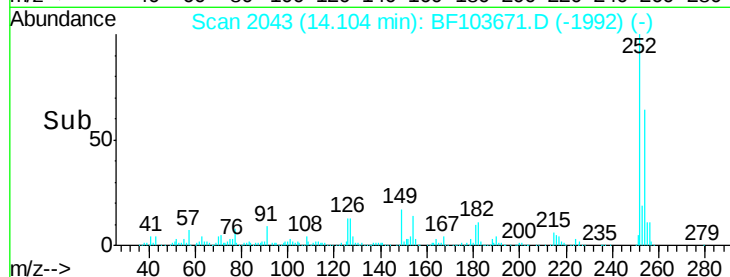
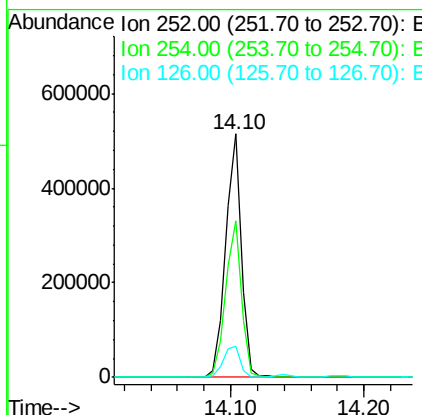
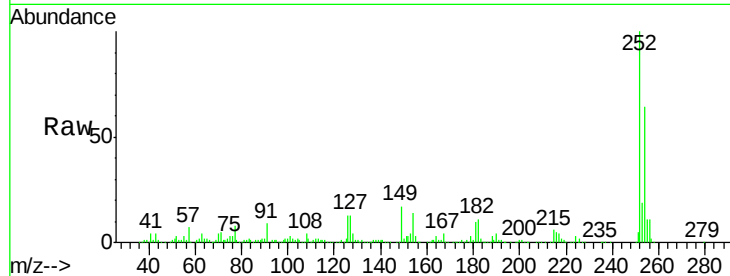
#81
 3,3'-Dichlorobenzidine
 Concen: 45.939 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	13.0	11.3	16.9

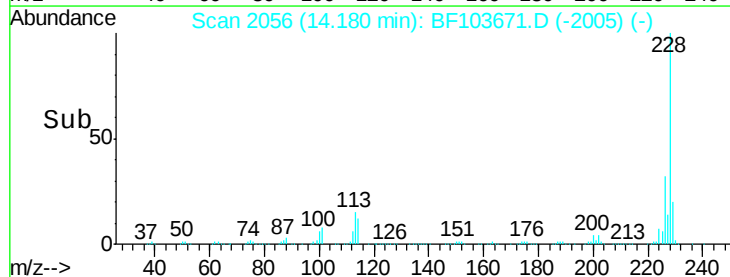
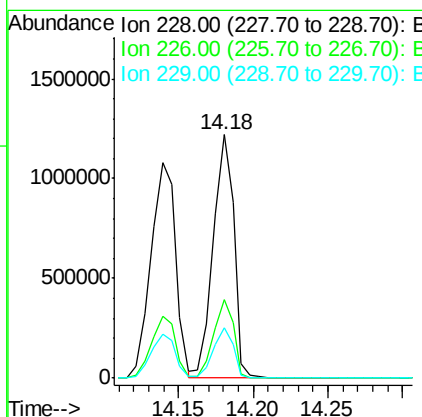
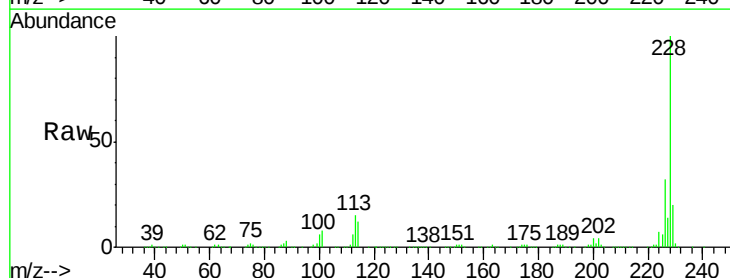
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#82
 Chrysene
 Concen: 45.951 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	20.5	16.2	24.4





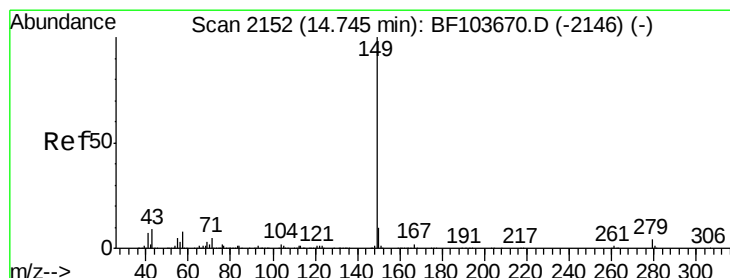
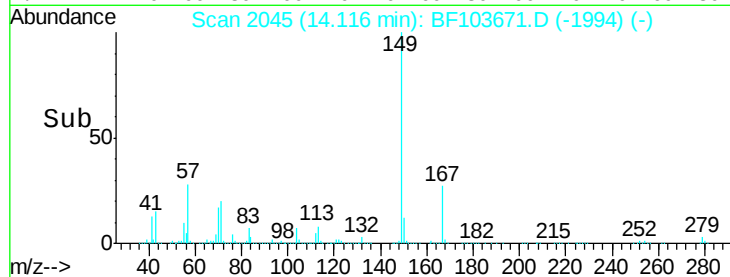
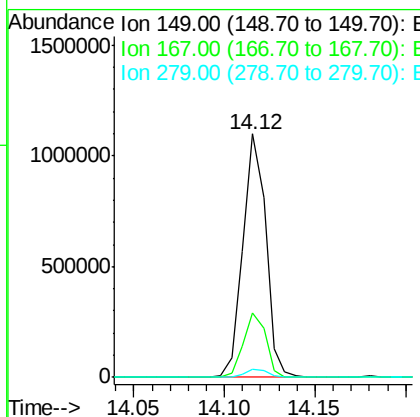
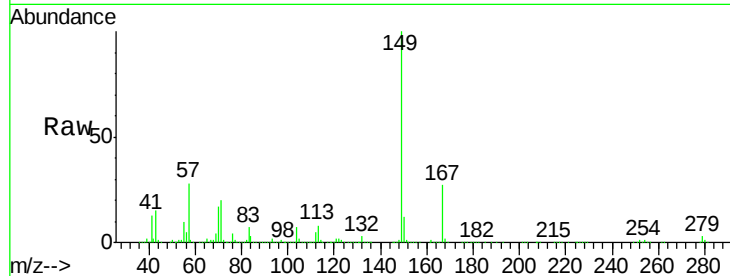
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.989 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.1	3.0	4.4

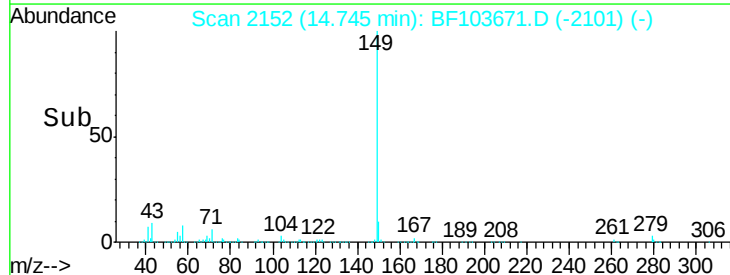
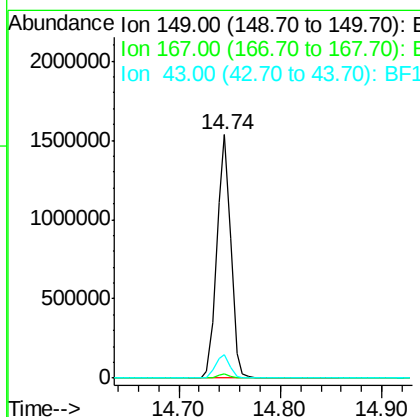
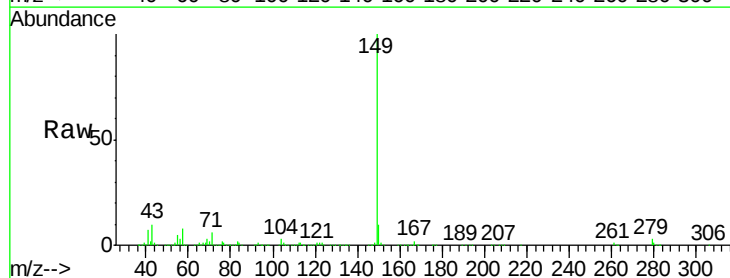
Manual Integrations
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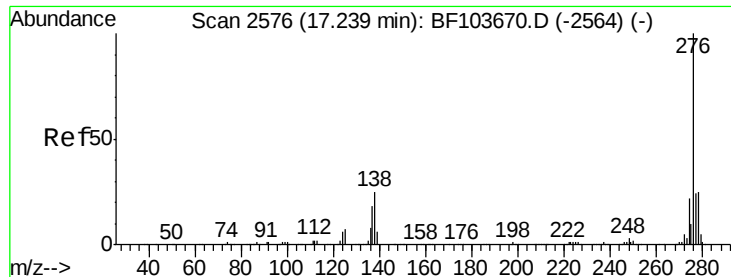
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#84
 Di-n-octyl phthalate
 Concen: 40.042 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.358 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

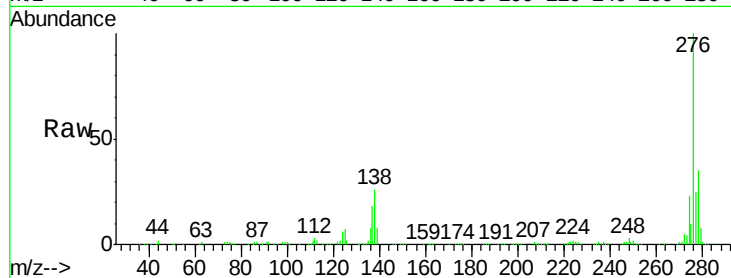
ClientSampleId :

SSTDIC050

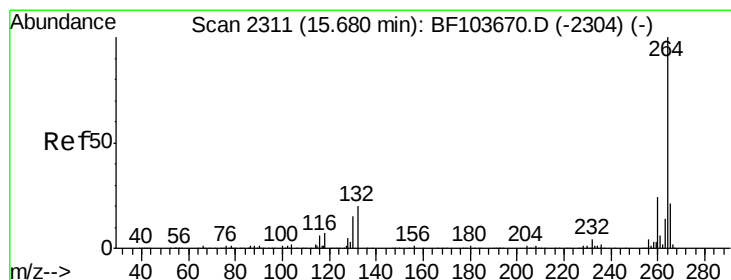
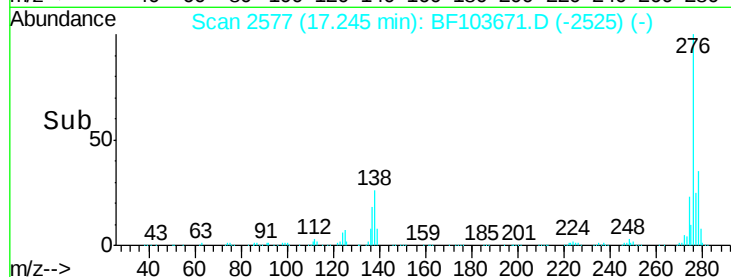
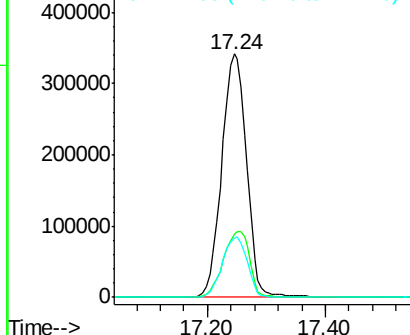
Tot Ion:	276	Resp:	999291
Ion Ratio	Lower	Upper	
276	100		
138	28.8	25.0	37.6
277	25.0	20.1	30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

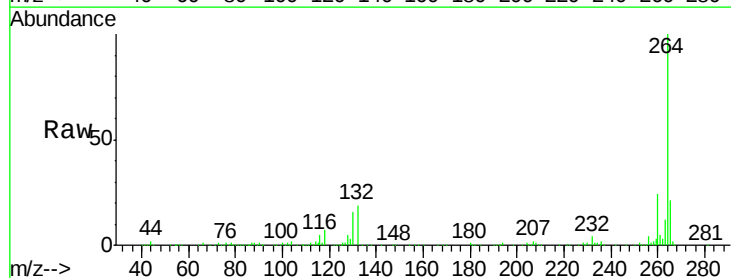
RT: 15.68 min Scan# 2311

Delta R.T. 0.00 min

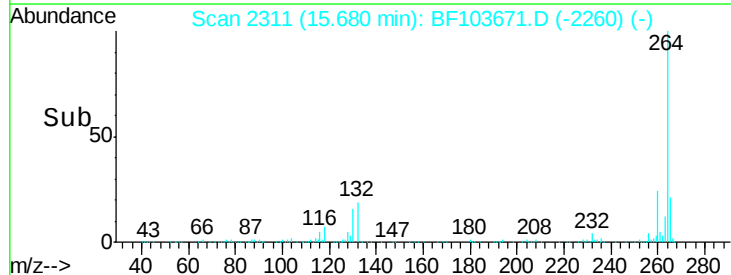
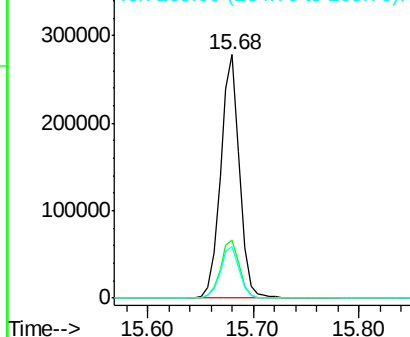
Lab File: BF103671.D

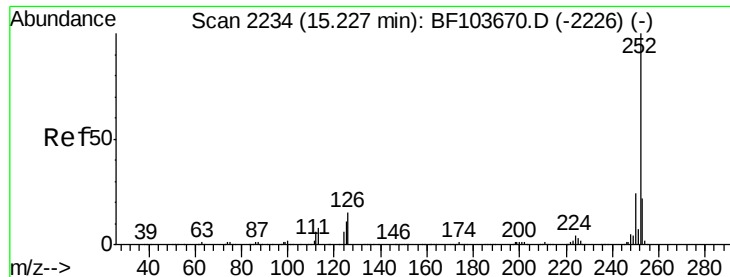
Acq: 15 Mar 2018 16:06

Tgt Ion:	264	Resp:	345197
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.328 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 1142274

Ion Ratio Lower Upper

252 100

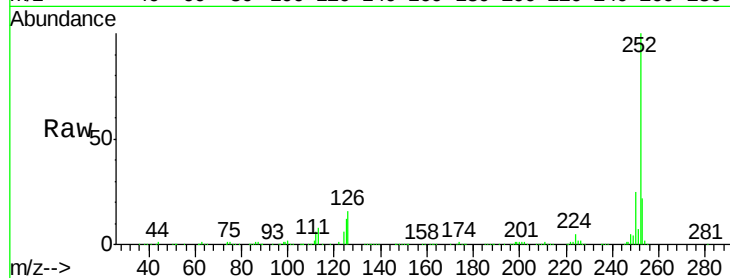
253 22.3 17.0 25.6

125 12.0 9.0 13.6

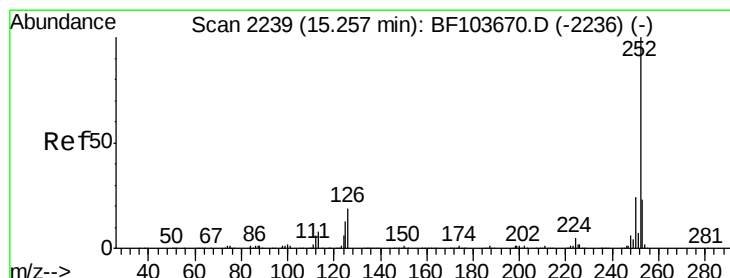
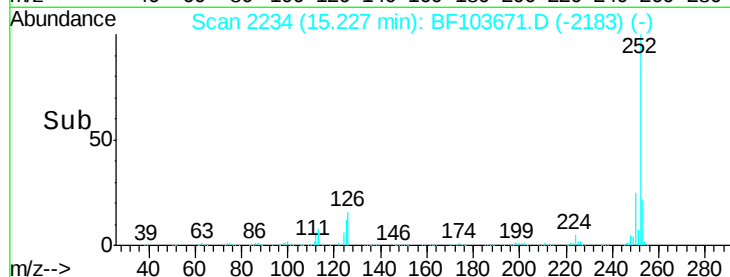
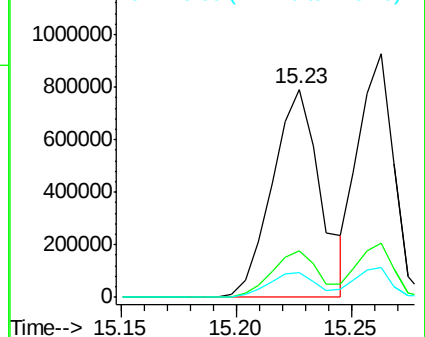
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.739 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF103671.D

Acq: 15 Mar 2018 16:06

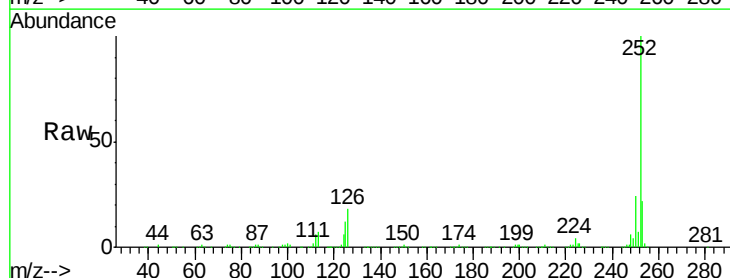
Tgt Ion:252 Resp: 998925

Ion Ratio Lower Upper

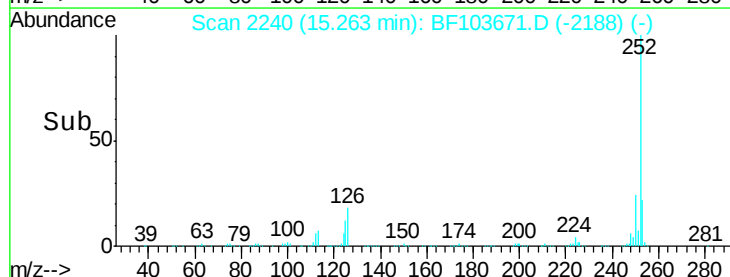
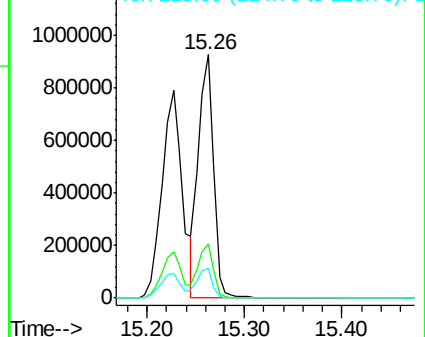
252 100

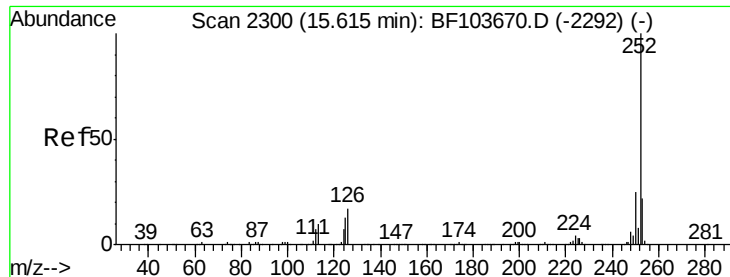
253 22.4 17.9 26.9

125 12.3 10.2 15.2



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





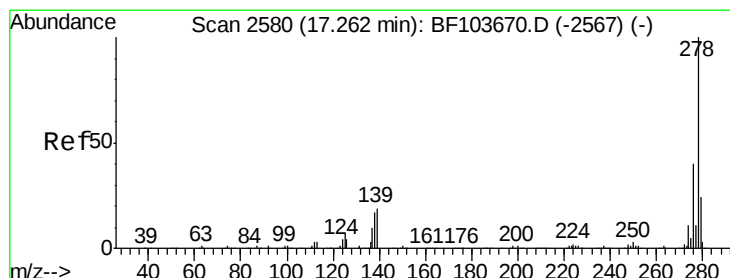
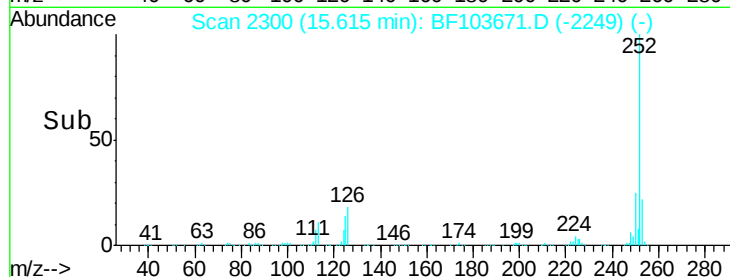
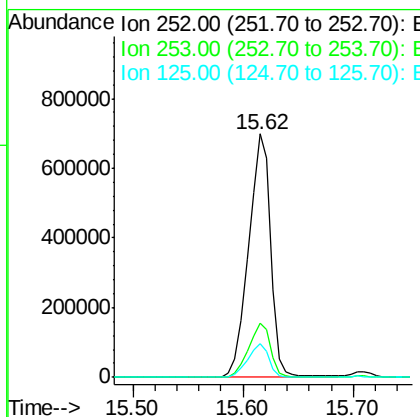
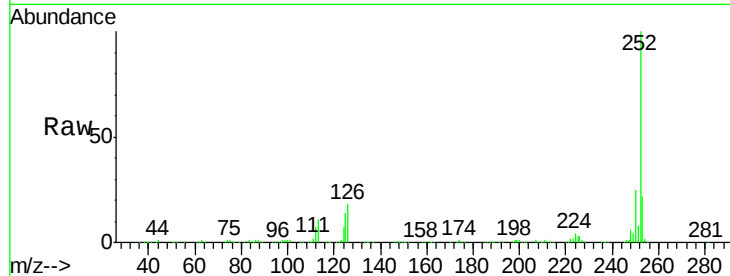
#89
Benzo(a)pyrene
Concen: 48.503 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.1	9.8	14.6

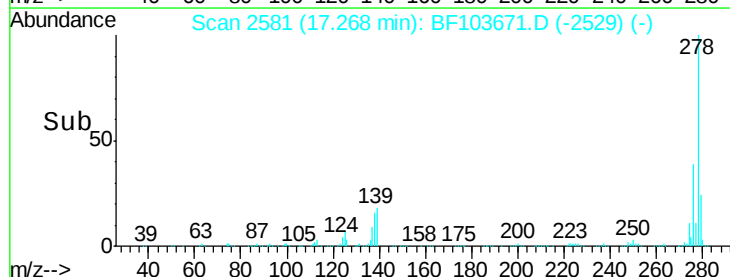
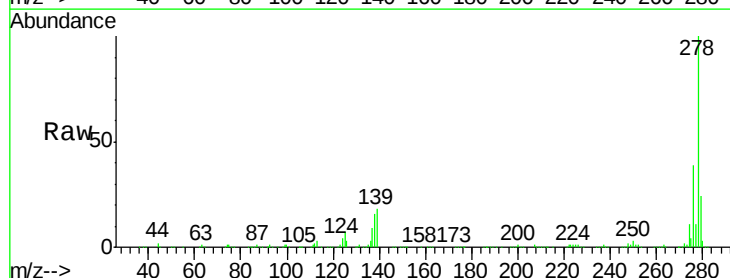
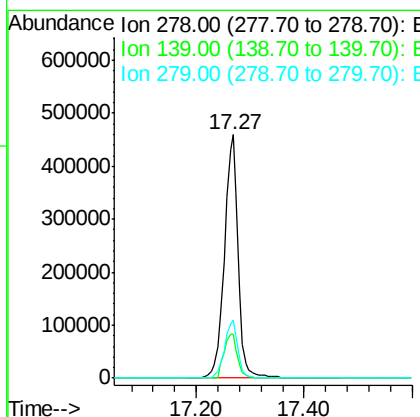
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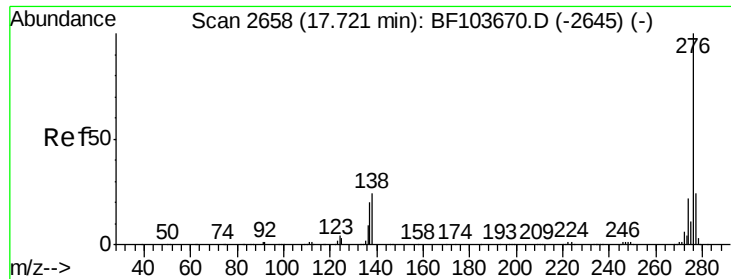
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#90
Dibenzo(a,h)anthracene
Concen: 53.491 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF103671.D
Acq: 15 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	23.8	19.0	28.4





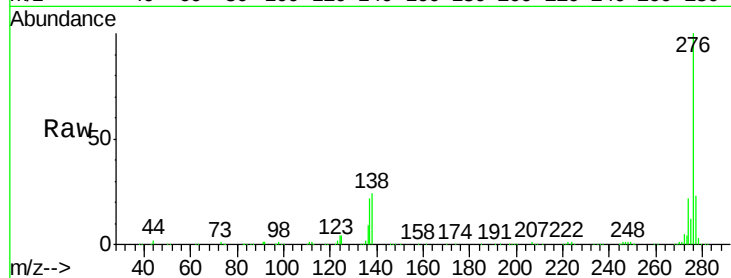
#91
 Benzo(a,h,i)perylene
 Concen: 52.201 ng
 RT: 17.72 min Scan# 2658
 Delta R.T. 0.00 min
 Lab File: BF103671.D
 Acq: 15 Mar 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	276	Resp:	799005
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.9	26.9
138	24.3	21.8	32.8

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

