

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103889.D
 Acq On : 23 Mar 2018 19:13
 Operator : JU/SJ
 Sample : J2009-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:20 PM

Quant Time: Mar 24 01:12:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140633	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	534049	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	212407	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	326367	20.00	ng	0.00
75) Chrysene-d12	14.17	240	244700	20.00	ng	0.00
86) Perylene-d12	15.71	264	182091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	957363	103.54	ng	0.02
7) Phenol-d6	6.60	99	1198647	105.96	ng	0.00
23) Nitrobenzene-d5	7.55	82	714226	93.26	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	214208	117.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1042102	78.26	ng	0.00
78) Terphenyl-d14	13.10	244	871392	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	139639	30.671	ng	89
3) Pyridine	3.66	79	381501	30.465	ng	# 85
4) n-Nitrosodimethylamine	3.62	42	151501	32.812	ng	# 76
6) Aniline	6.65	93	246083	15.235	ng	96
8) 2-Chlorophenol	6.76	128	365706	37.757	ng	97
9) Benzaldehyde	6.53	77	97855	13.167	ng	98
10) Phenol	6.62	94	473803	39.417	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	356403	35.917	ng	95
12) 1,3-Dichlorobenzene	6.92	146	381929	34.621	ng	98
13) 1,4-Dichlorobenzene	7.00	146	384486	34.684	ng	98
14) 1,2-Dichlorobenzene	7.15	146	359308	34.930	ng	98
15) Benzyl Alcohol	7.12	79	295988	33.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	447766	31.726	ng	94
17) 2-Methylphenol	7.22	107	299797	34.757	ng	98
18) Hexachloroethane	7.49	117	95349	24.453	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	235057	32.424	ng	93
20) 3+4-Methylphenols	7.37	107	364507	33.299	ng	91
22) Acetophenone	7.39	105	475367	34.634	ng	# 94
24) Nitrobenzene	7.56	77	360246	40.069	ng	96
25) Isophorone	7.79	82	657381	37.081	ng	99
26) 2-Nitrophenol	7.87	139	133687	40.837	ng	91
27) 2,4-Dimethylphenol	7.90	122	316314	41.649	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	437984	40.799	ng	99
29) 2,4-Dichlorophenol	8.12	162	280436	40.586	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	291476	36.371	ng	98
31) Naphthalene	8.29	128	970548	35.976	ng	100
32) Benzoic acid	7.99	122	99807m	24.687	ng	
33) 4-Chloroaniline	8.33	127	131760	11.642	ng	95
34) Hexachlorobutadiene	8.39	225	156557	35.630	ng	99
35) Caprolactam	8.70	113	90271	37.941	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	286794	37.650	ng	94
37) 2-Methylnaphthalene	8.97	142	617689	36.106	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	257356	42.470	ng	99
40) Hexachlorocyclopentadiene	9.12	237	13471	4.308	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	173022	44.640	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	182077	41.620	ng	97
45) 1,1'-Biphenyl	9.44	154	704432	39.772	ng	98
46) 2-Chloronaphthalene	9.47	162	544221	38.686	ng	98
47) 2-Nitroaniline	9.56	65	176263	47.911	ng	88
48) Acenaphthylene	9.89	152	793341	36.368	ng	100
49) Dimethylphthalate	9.73	163	752044	46.407	ng	99
50) 2,6-Dinitrotoluene	9.80	165	117575	38.376	ng	94
51) Acenaphthene	10.06	154	462849	35.733	ng	99
52) 3-Nitroaniline	9.97	138	157716	42.456	ng	96
53) 2,4-Dinitrophenol	10.08	184	3405	13.791	ng #	26
54) Dibenzofuran	10.23	168	693357	37.480	ng	100
55) 4-Nitrophenol	10.13	139	200953	68.493	ng	93
56) 2,4-Dinitrotoluene	10.20	165	133676	35.515	ng	94
57) Fluorene	10.57	166	518413	36.114	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	129482	41.770	ng	94
59) Diethylphthalate	10.43	149	609508	37.894	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	251203	38.290	ng	97
61) 4-Nitroaniline	10.59	138	158411	44.136	ng	94
62) Azobenzene	10.72	77	524395	32.068	ng	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	3241	11.041	ng	89
65) n-Nitrosodiphenylamine	10.67	169	473493	42.623	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	141021	42.084	ng	90
67) Hexachlorobenzene	11.12	284	149890	39.191	ng	92
68) Atrazine	11.20	200	128287	37.331	ng	99
69) Pentachlorophenol	11.32	266	142743	64.919	ng	95
70) Phenanthrene	11.54	178	749850	42.001	ng	99
71) Anthracene	11.59	178	711663	39.248	ng	100
72) Carbazole	11.75	167	660964	37.504	ng	99
73) Di-n-butylphthalate	12.06	149	844046	39.914	ng	99
74) Fluoranthene	12.73	202	823933	44.797	ng	99
76) Benzidine	12.85	184	374638	35.897	ng	98
77) Pyrene	12.97	202	819600	45.608	ng	98
79) Butylbenzylphthalate	13.57	149	336449	42.257	ng	99
80) Benzo(a)anthracene	14.16	228	620779	40.078	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	209068	40.352	ng	98
82) Chrysene	14.20	228	582202	39.430	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	459766	40.422	ng	100
84) Di-n-octyl phthalate	14.75	149	749430	45.290	ng	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	433851	33.646	ng	97
87) Benzo(b)fluoranthene	15.25	252	498599	43.341	ng	97
88) Benzo(k)fluoranthene	15.29	252	429213	38.813	ng	99
89) Benzo(a)pyrene	15.65	252	433834	41.578	ng	100
90) Dibenzo(a,h)anthracene	17.32	278	348640	38.588	ng	98
91) Benzo(g,h,i)perylene	17.79	276	351001	39.933	ng	97

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

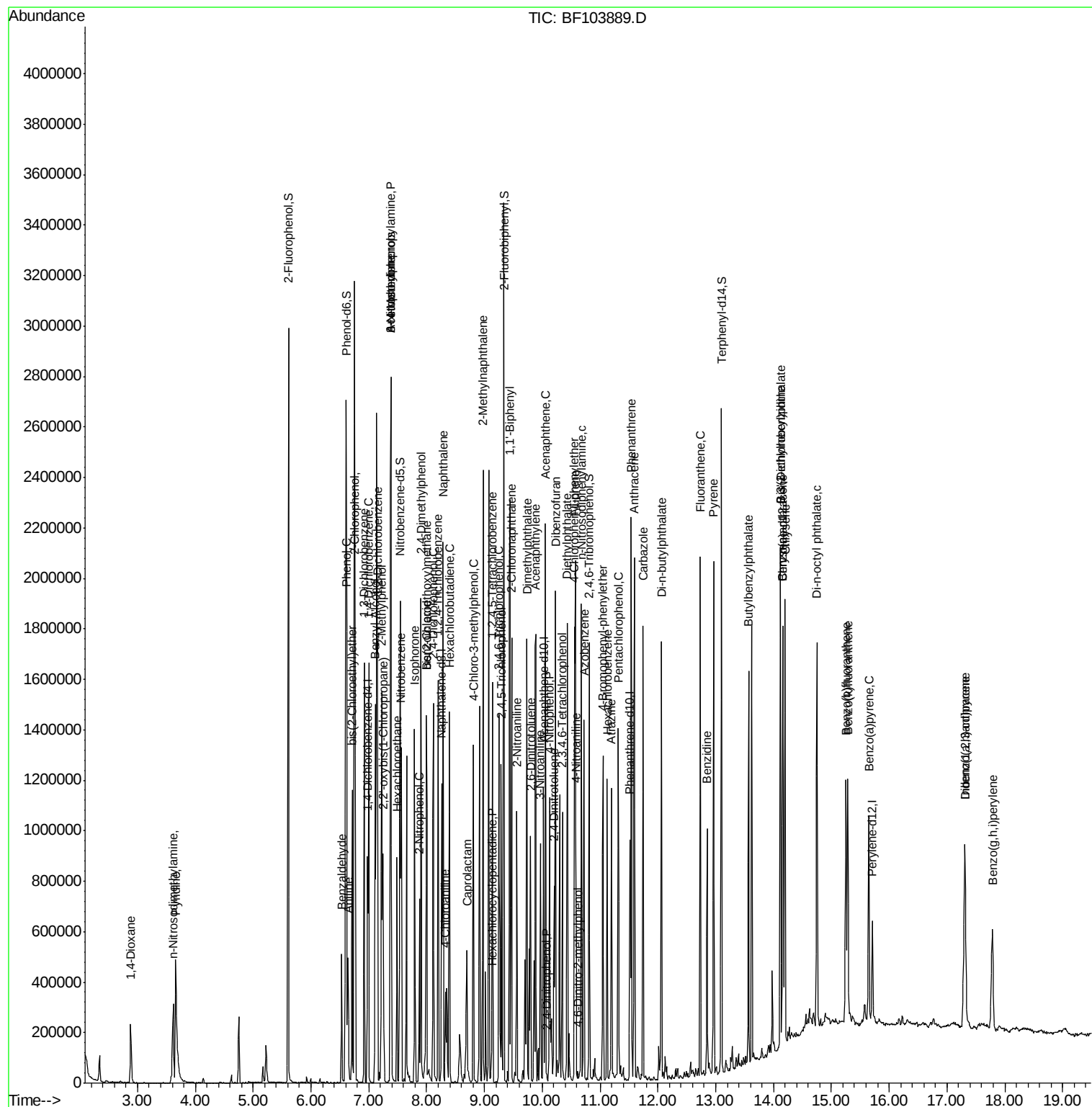
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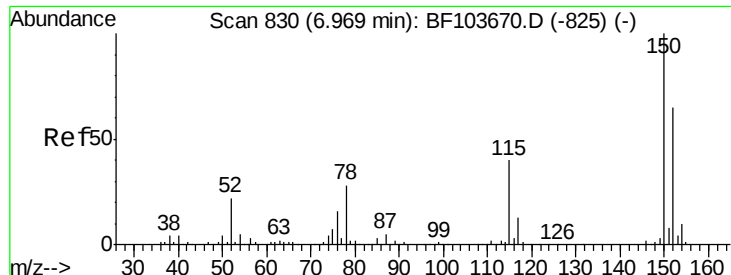
Instrument :
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#1

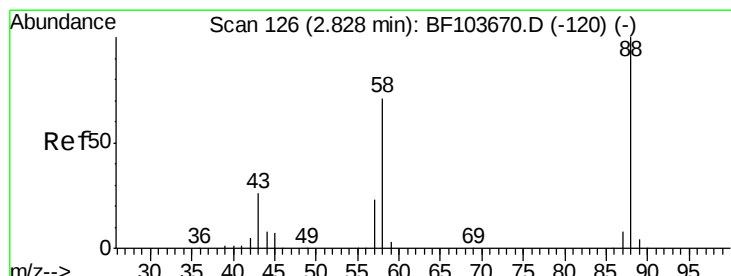
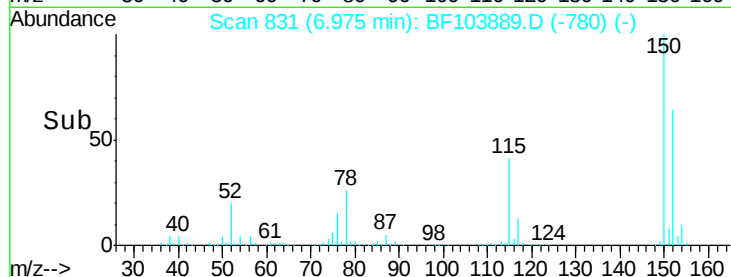
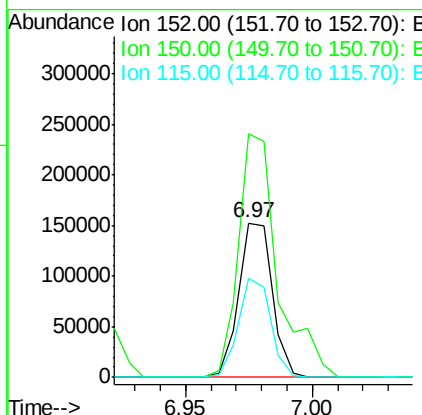
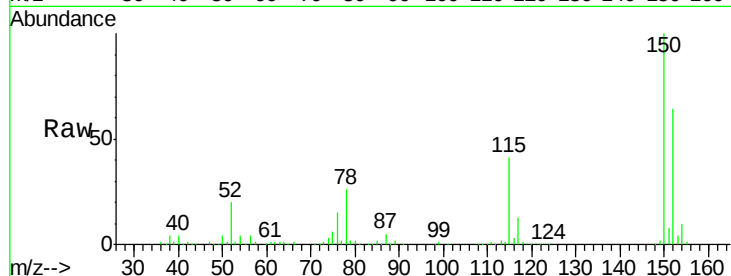
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	64.2	50.1	75.1

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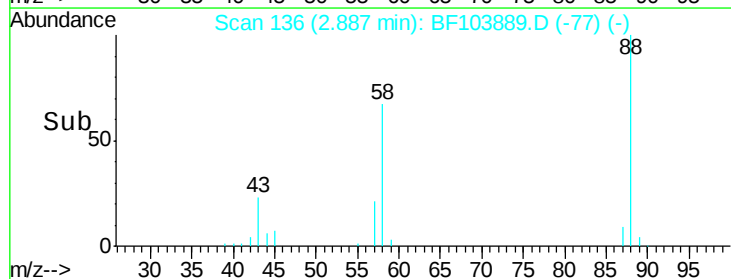
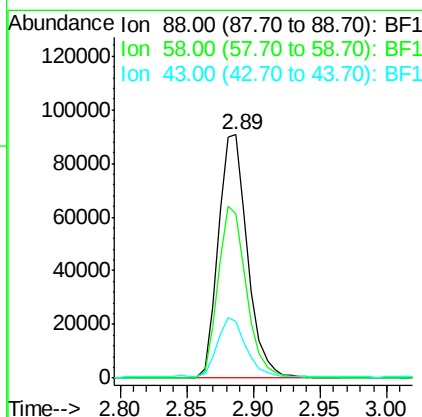
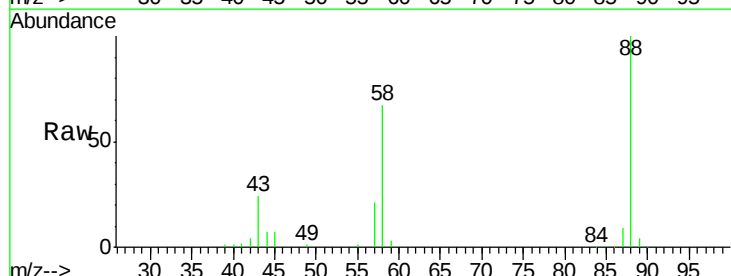
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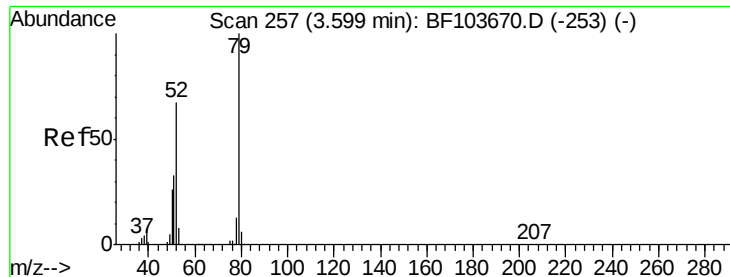


#2

1,4-Dioxane
Concen: 30.671 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.05 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	62.6	93.8
43	24.9	24.6	37.0





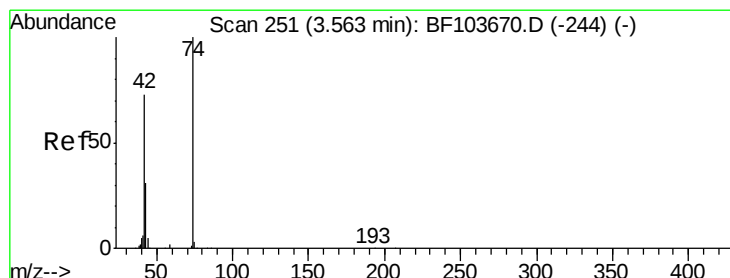
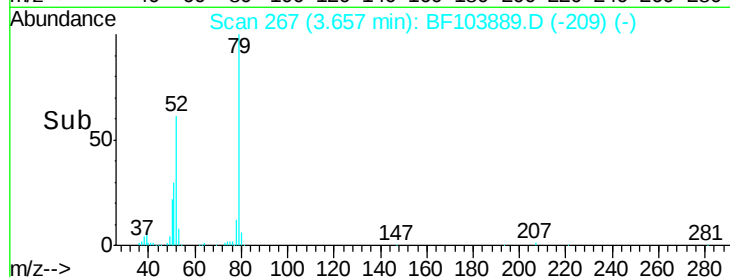
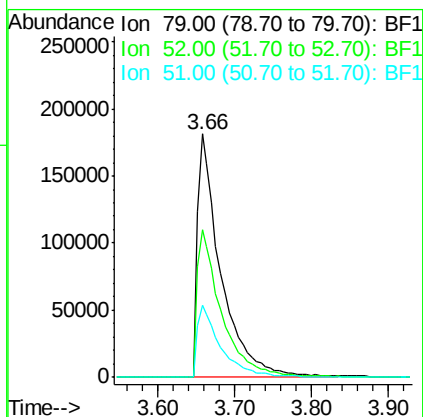
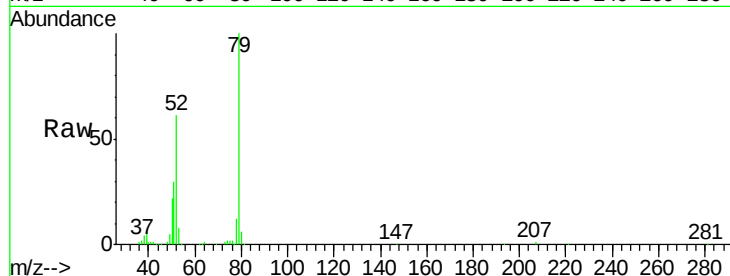
#3
 Pvridine
 Concen: 30.465 ng
 RT: 3.66 min Scan# 267
 Delta R.T. 0.04 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.7	59.8	89.6
51	29.7	29.8	44.8#

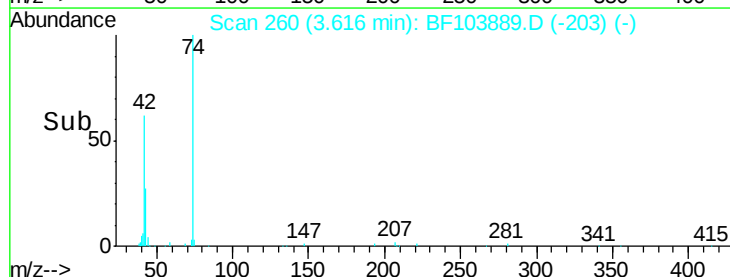
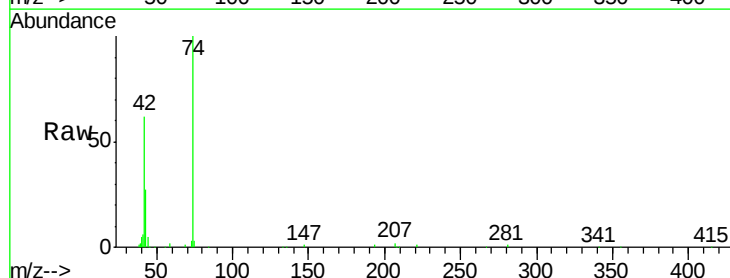
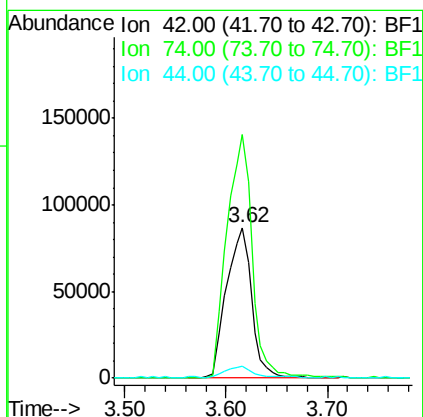
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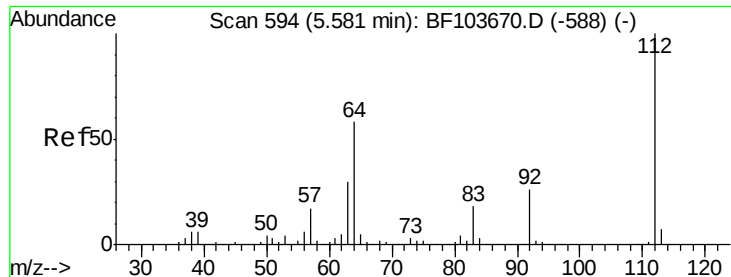
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#4
 n-Nitrosodimethylamine
 Concen: 32.812 ng
 RT: 3.62 min Scan# 260
 Delta R.T. 0.04 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.5	104.9	157.3#
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 103.542 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

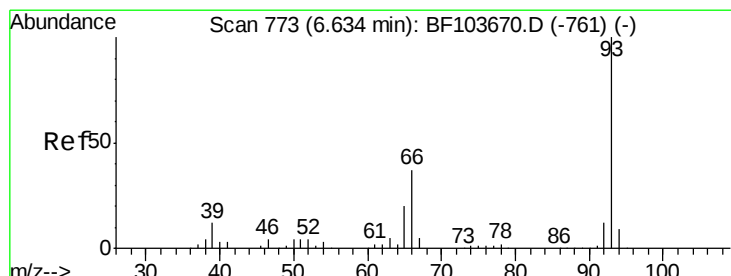
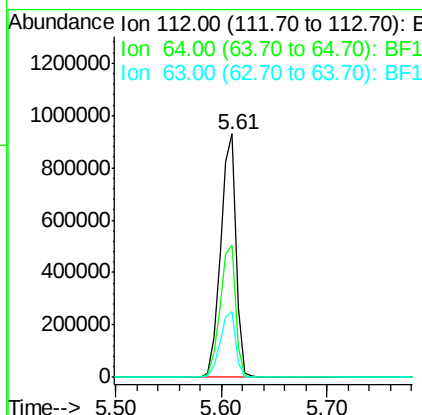
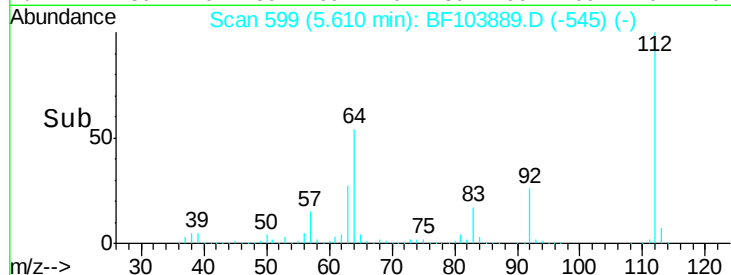
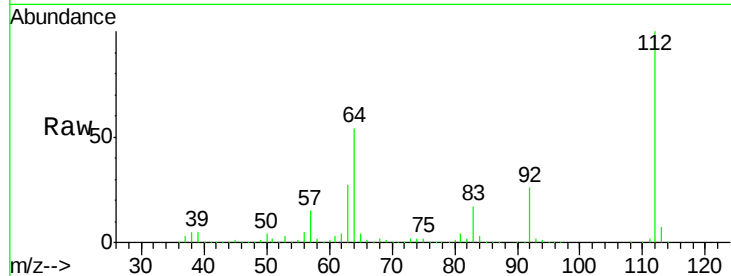
ClientSampleId :

S-1MSD

Tot Ion:	112	Resp:	957363
Ion Ratio	Lower	Upper	
112	100		
64	54.3	47.9	71.9
63	27.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 15.235 ng

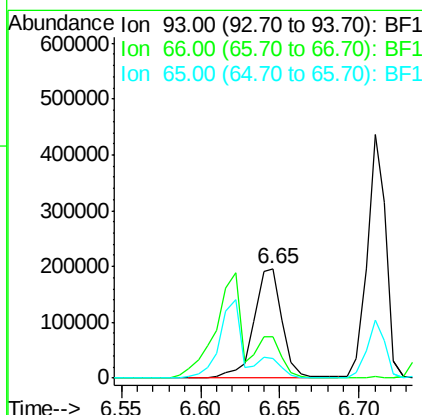
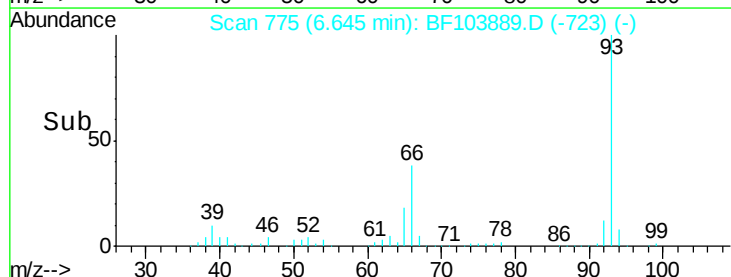
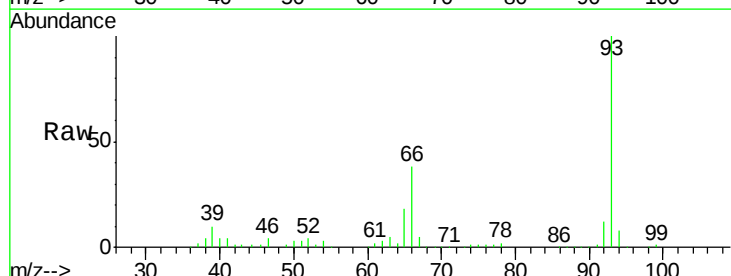
RT: 6.65 min Scan# 775

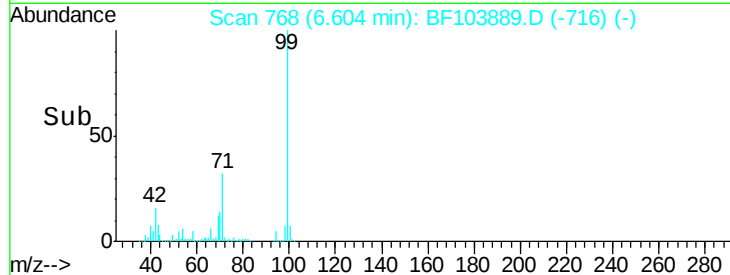
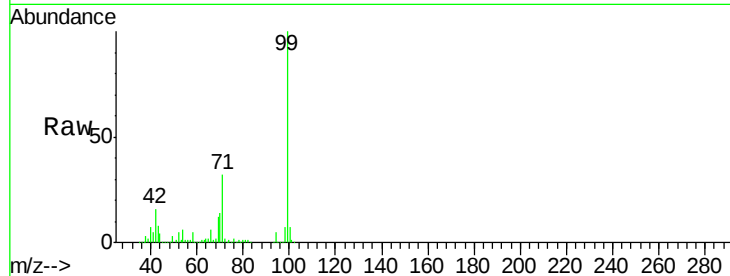
Delta R.T. 0.01 min

Lab File: BF103889.D

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Tgt Ion:	93	Resp:	246083
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.2	48.2
65	18.3	16.4	24.6





#7

Phenol-d6

Concen: 105.963 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tot Ion:	99	Resp:	1198647
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	32.3	25.4	38.0

Instrument :

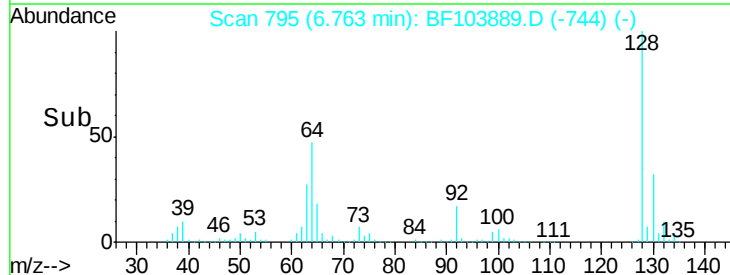
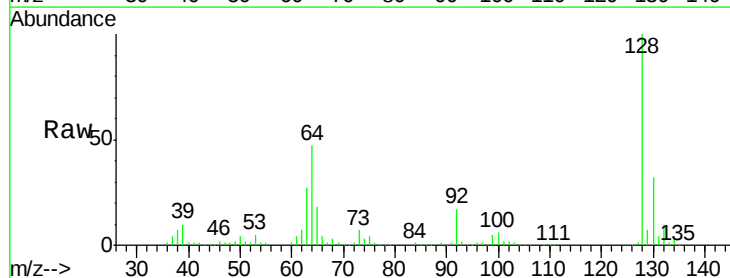
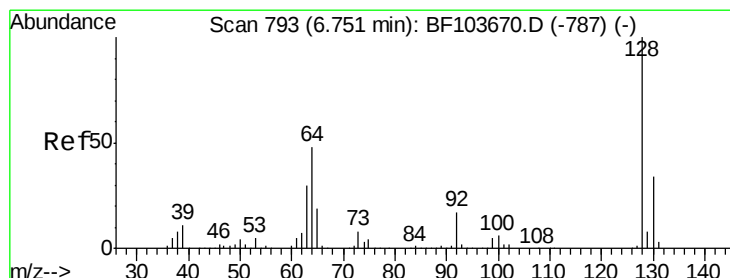
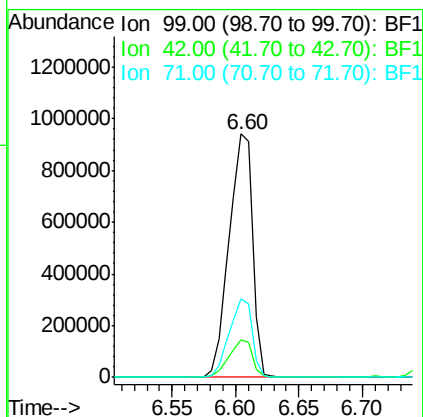
BNA_F

ClientSampleId :

S-1MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.757 ng

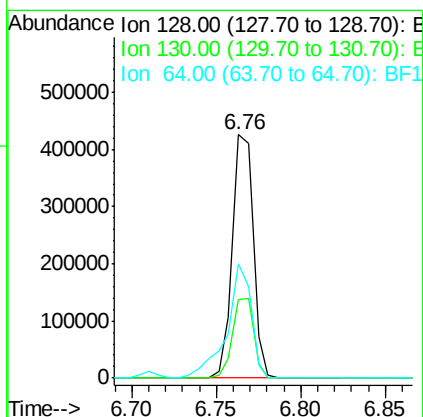
RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	128	Resp:	365706
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	46.9	29.4	69.4





#9

Benzaldehyde

Concen: 13.167 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

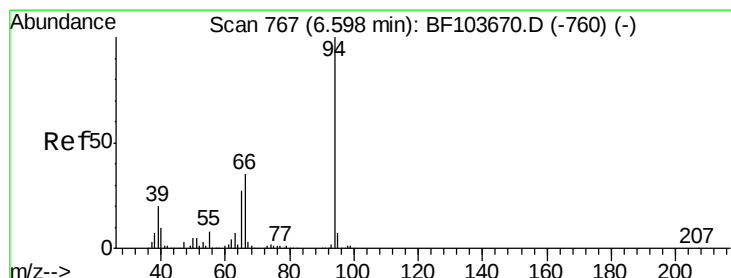
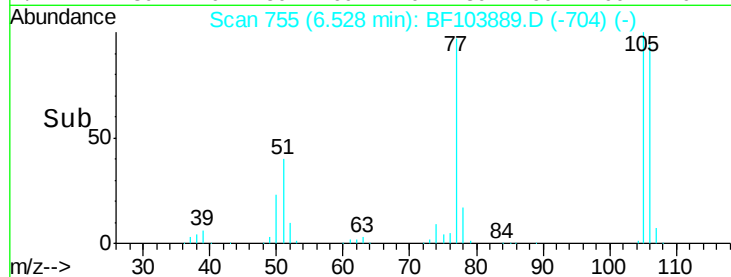
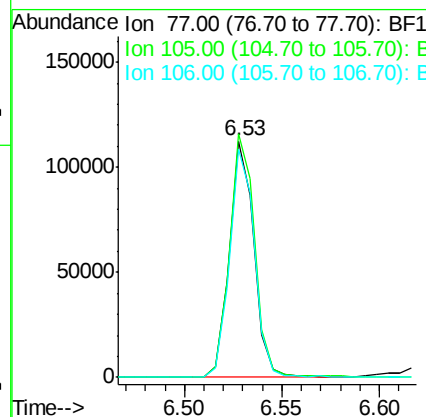
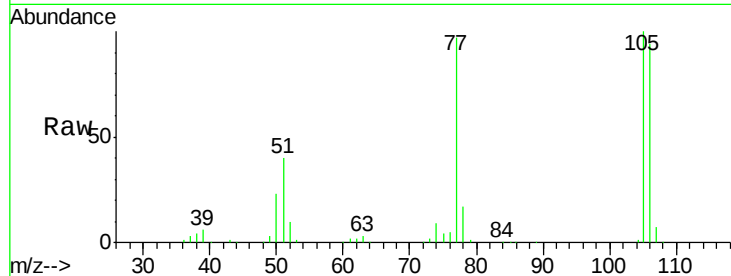
ClientSampleId :

S-1MSD

Tot Ion: 77 Resp: 97855
 Ion Ratio Lower Upper
 77 100
 105 103.0 81.1 121.1
 106 96.4 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 39.417 ng

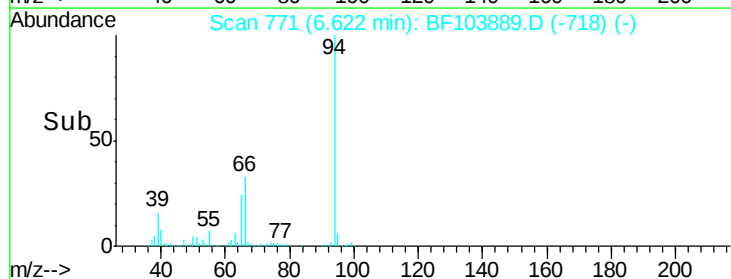
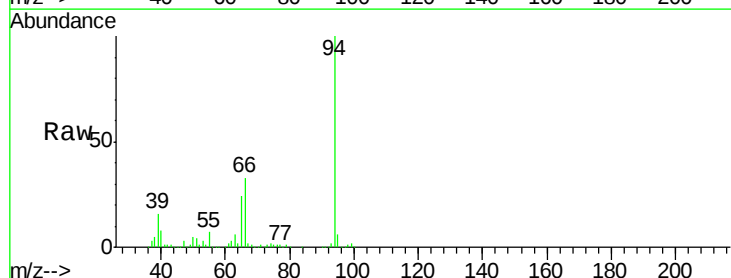
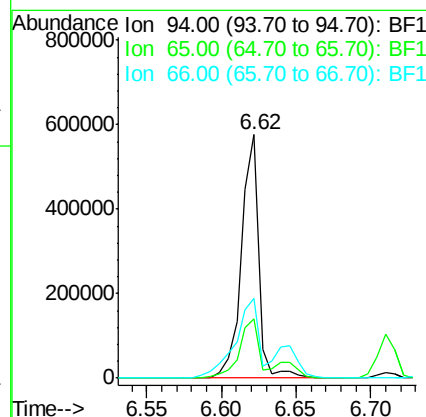
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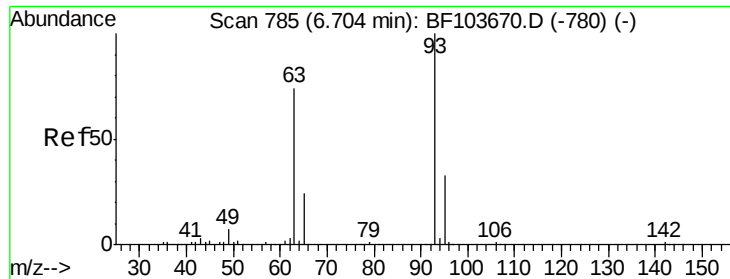
Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion: 94 Resp: 473803
 Ion Ratio Lower Upper
 94 100
 65 24.4 7.9 47.9
 66 32.6 16.2 56.2





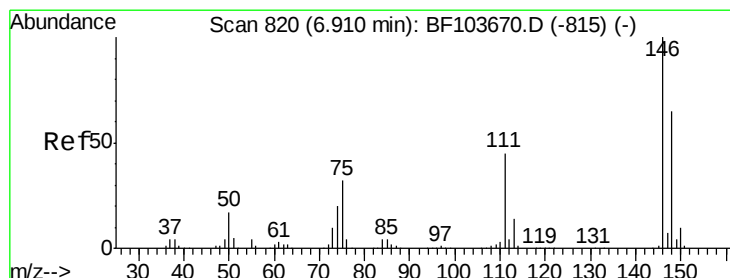
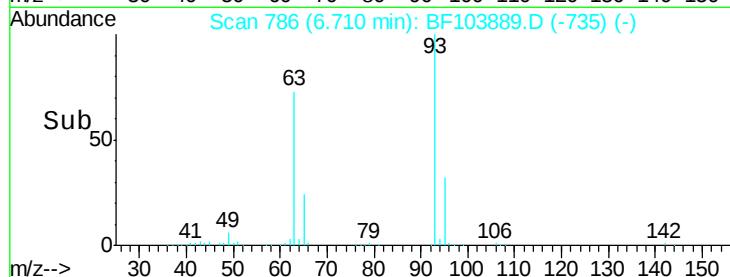
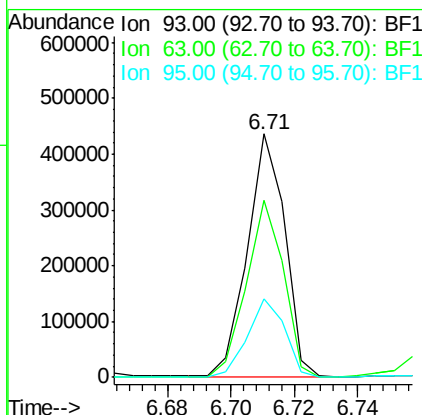
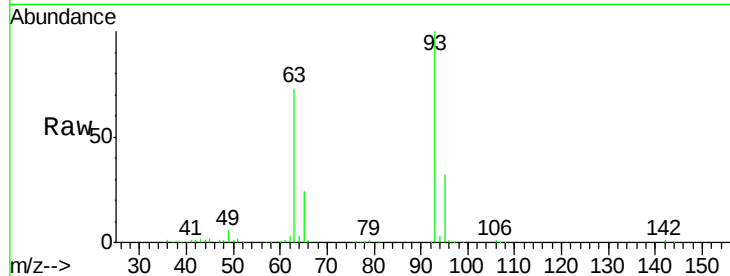
#11
bis(2-Chloroethyl)ether
Concen: 35.917 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion:	93	Resp:	356403
Ion	Ratio	Lower	Upper
93	100		
63	72.9	58.6	98.6
95	32.3	11.8	51.8

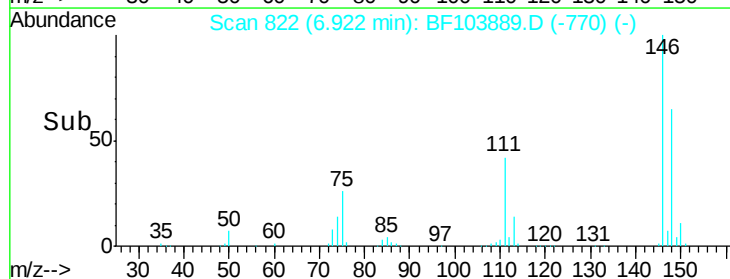
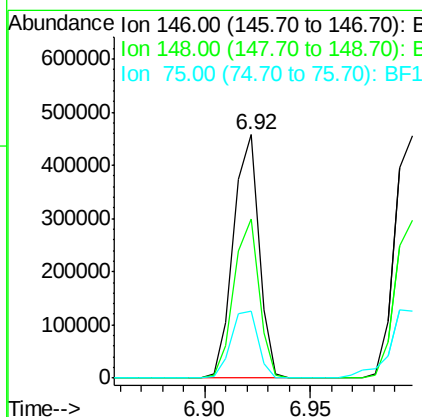
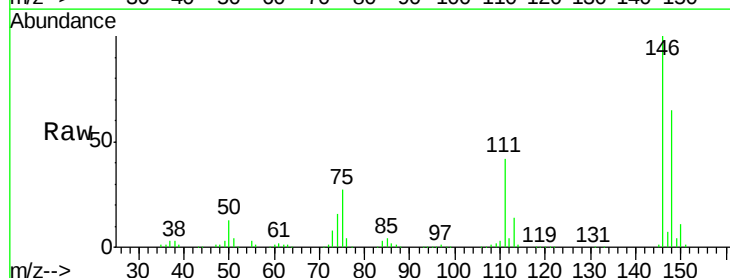
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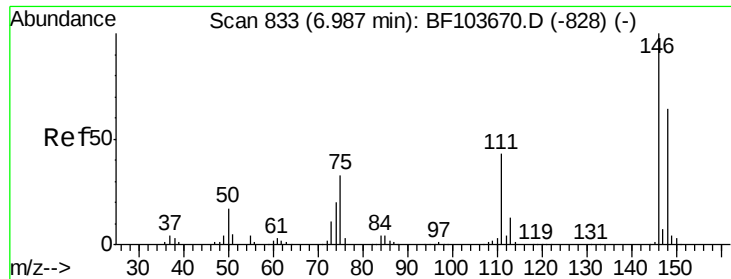
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#12
1,3-Dichlorobenzene
Concen: 34.621 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:	146	Resp:	381929
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	27.3	24.2	36.4





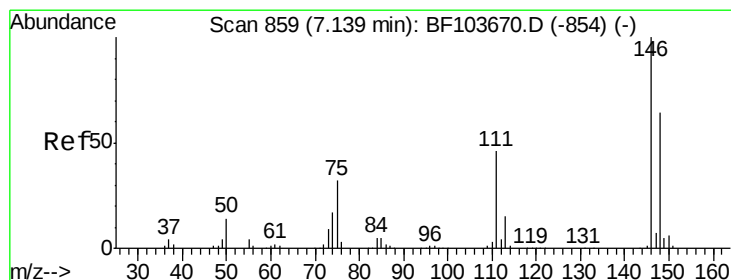
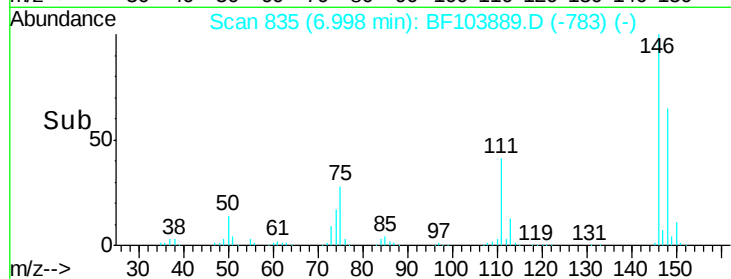
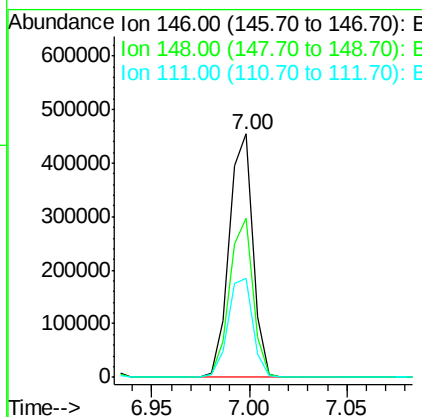
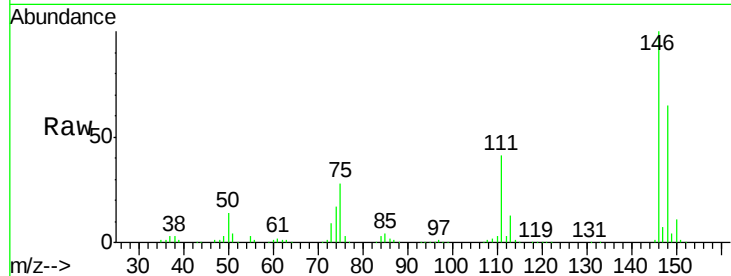
#13
 1,4-Dichlorobenzene
 Concen: 34.684 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	40.9	34.2	51.2

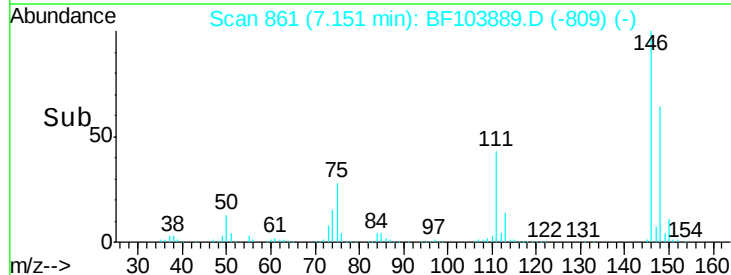
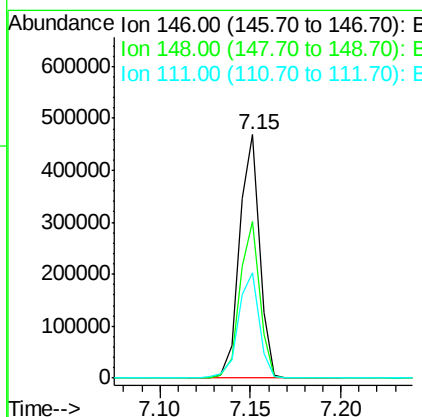
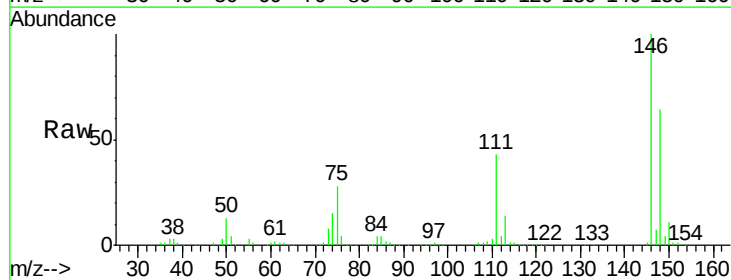
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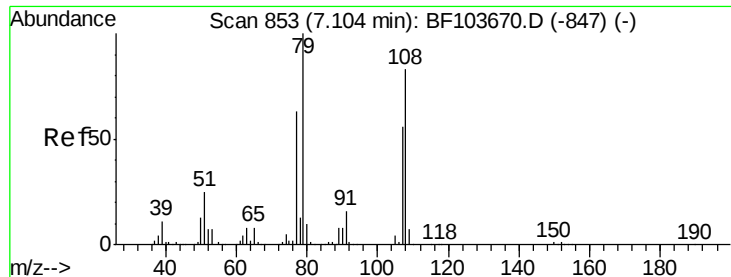
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 34.930 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 33.771 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

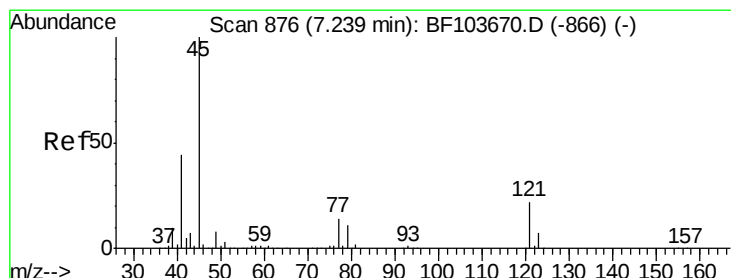
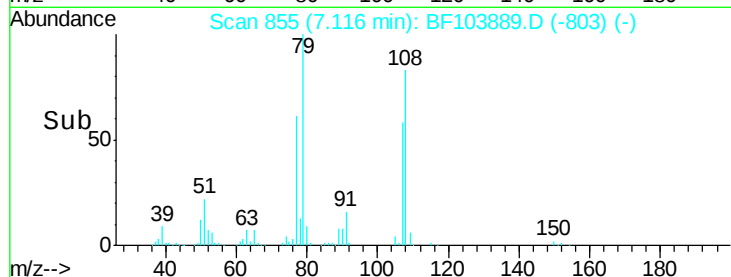
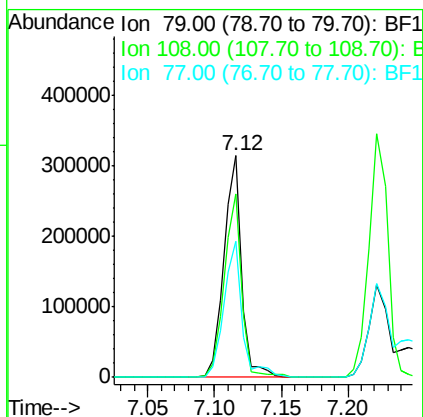
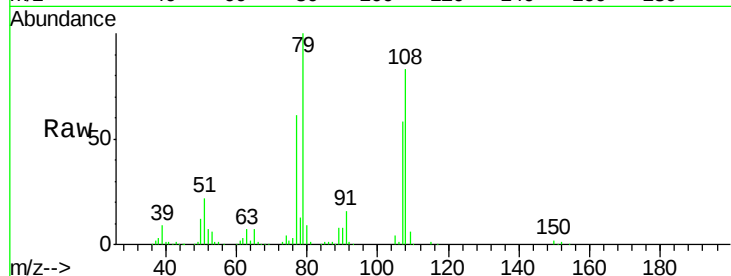
ClientSampled :

S-1MSD

Tot Ion:	79	Resp:	295988
Ion Ratio	Lower	Upper	
79	100		
108	82.9	65.1	97.7
77	61.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.726 ng

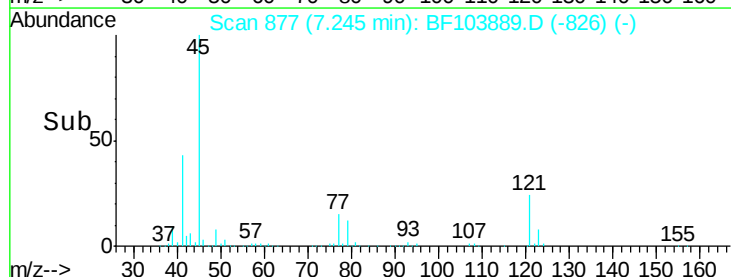
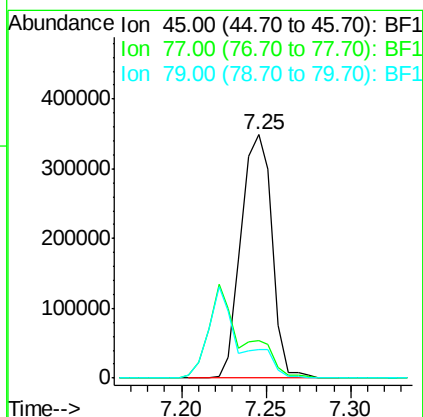
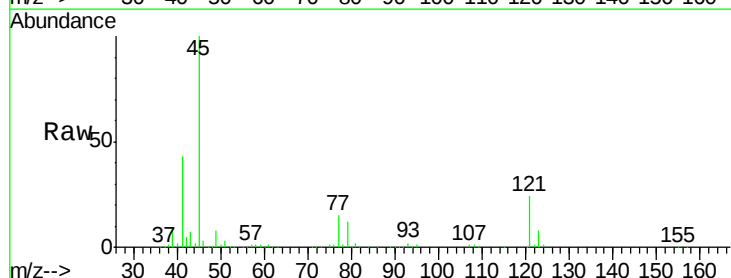
RT: 7.25 min Scan# 877

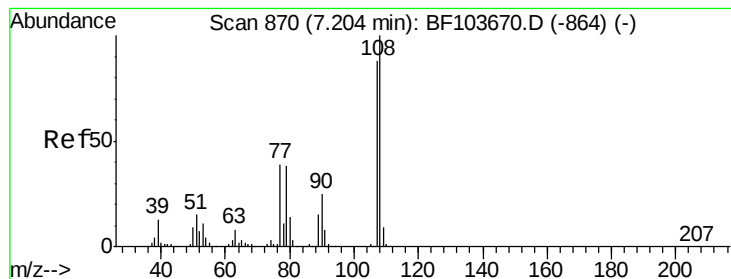
Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	45	Resp:	447766
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	32.9
79	11.9	0.0	29.6





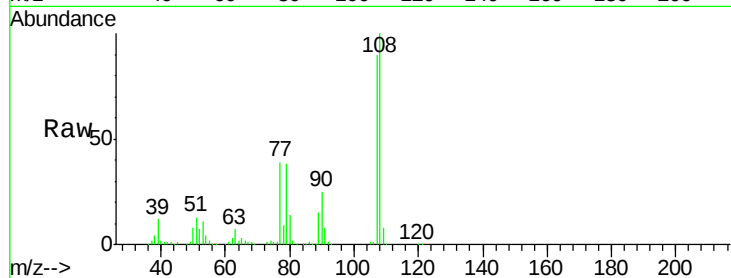
#17
2-Methylphenol
Concen: 34.757 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

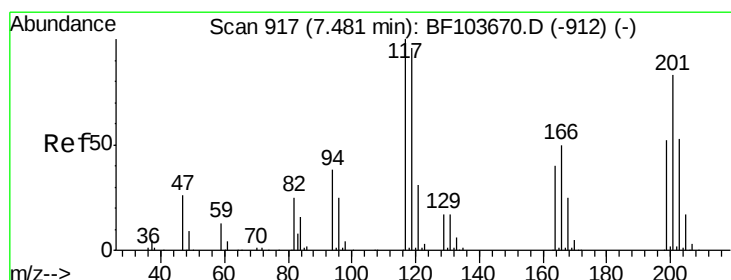
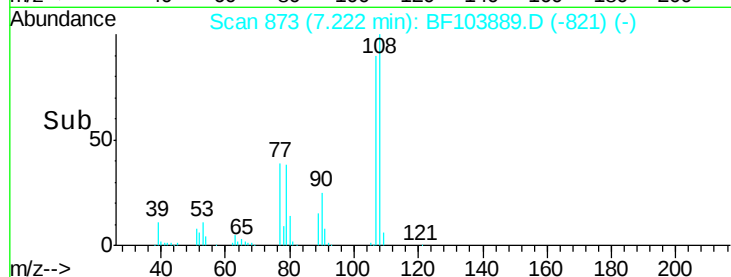
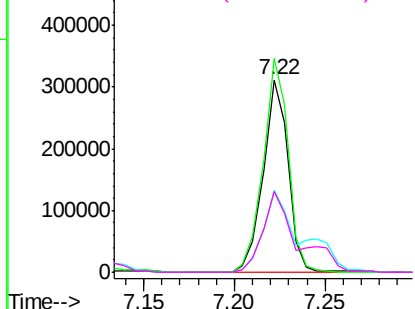
Tot Ion	Ratio	Resp	Lower	Upper
107	100	299797		
108	111.1	91.7	137.5	
77	42.9	33.8	50.8	
79	42.1	33.8	50.8	

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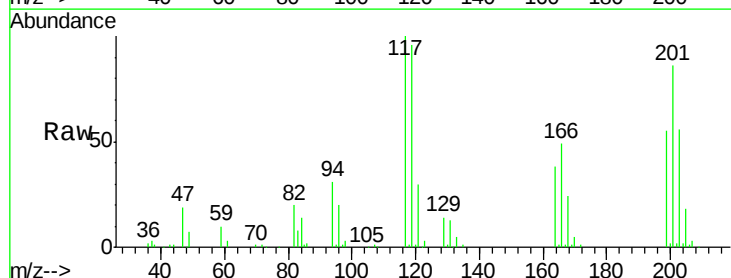


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

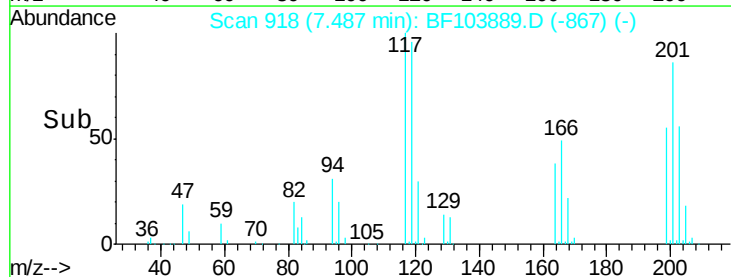
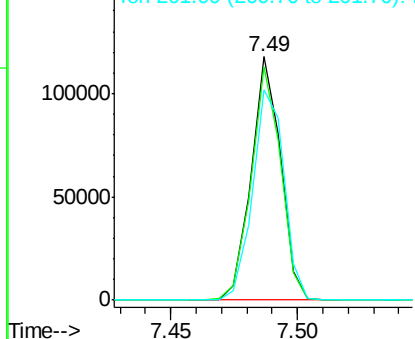


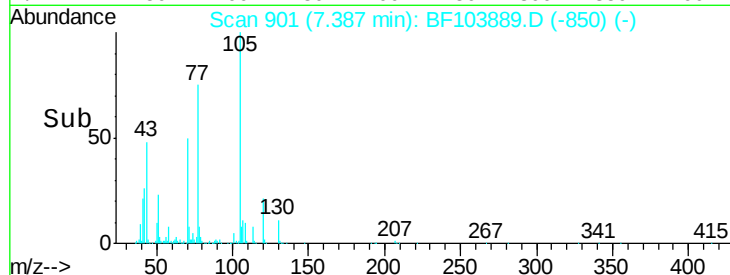
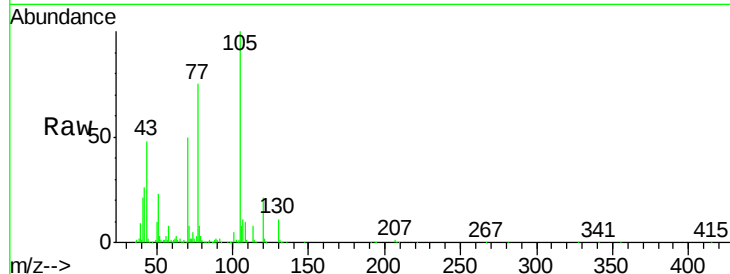
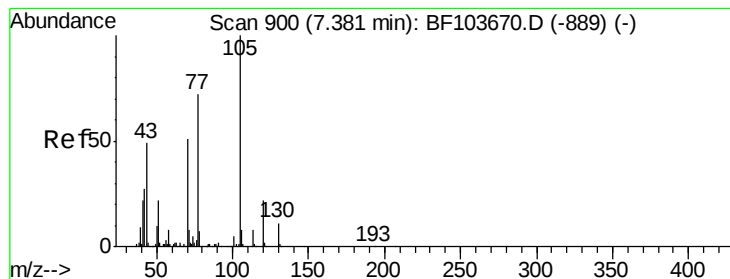
#18
Hexachloroethane
Concen: 24.453 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95349		
119	96.0	75.8	113.8	
201	86.4	75.7	113.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 32.424 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion: 70 Resp: 235057

Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 10.1 7.4 11.2

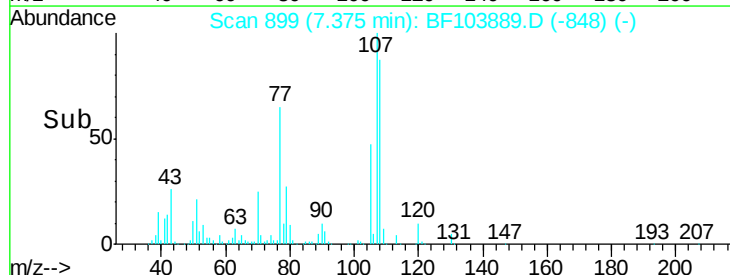
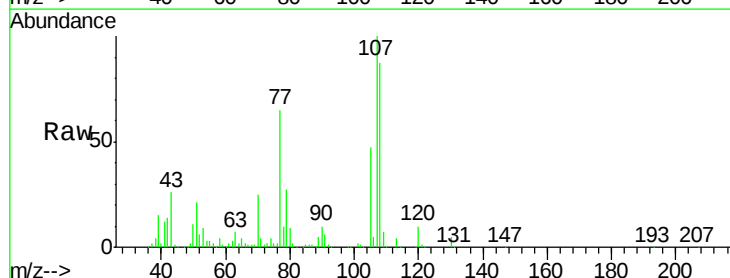
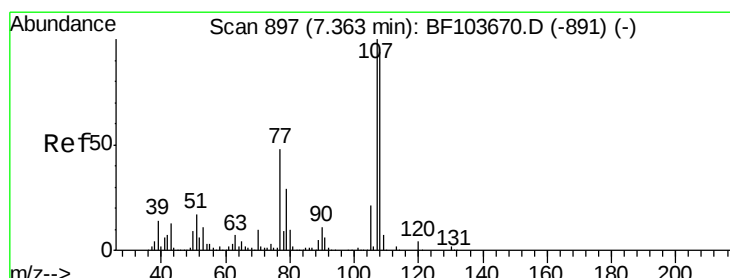
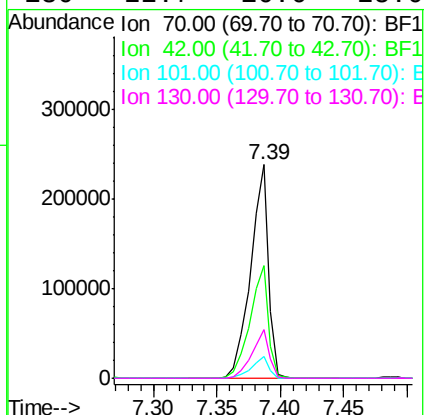
130 22.7 16.6 25.0

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#20

3+4-Methylphenols

Concen: 33.299 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion: 107 Resp: 364507

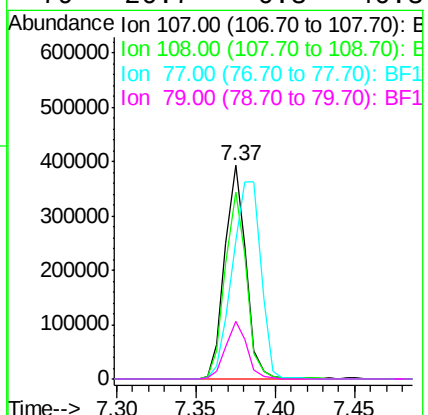
Ion Ratio Lower Upper

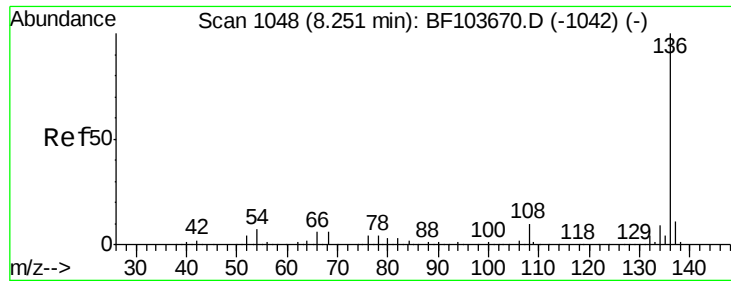
107 100

108 87.3 68.2 108.2

77 64.8 26.7 66.7

79 26.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

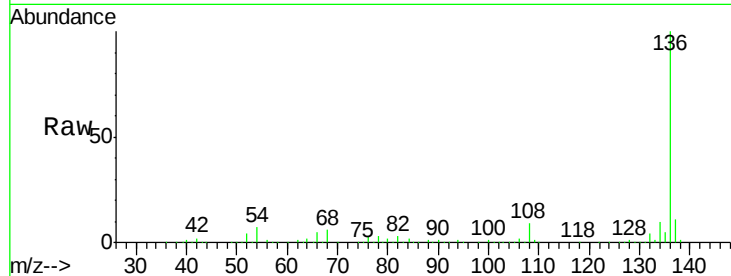
ClientSampleId :

S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	534049		
137	10.8		8.9	13.3
54	6.6		6.6	9.8
68	5.9		5.0	7.4

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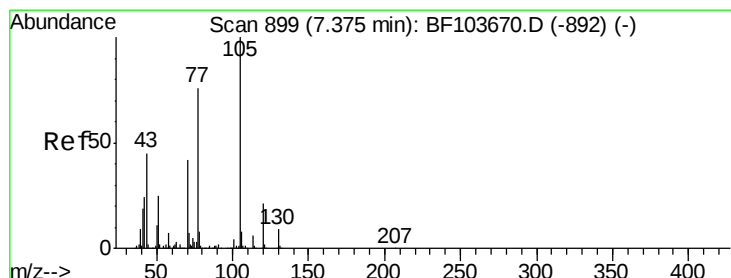
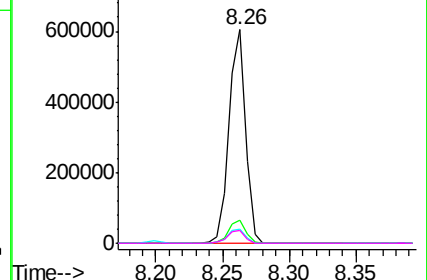
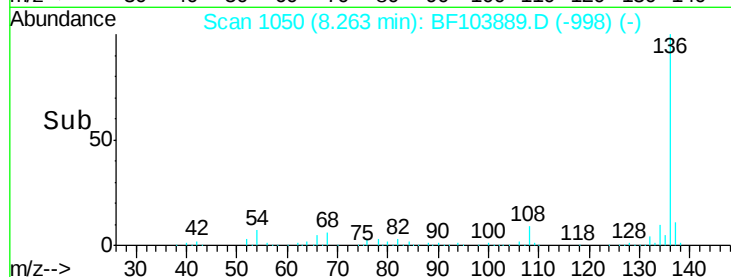


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.634 ng

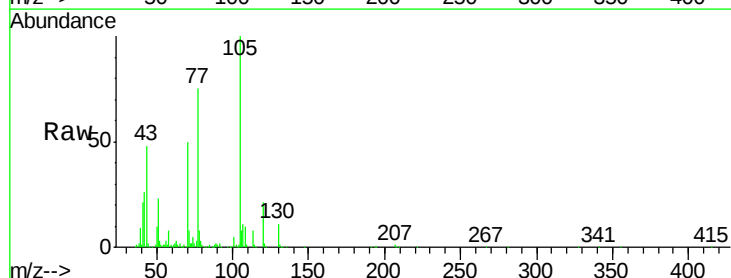
RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	475367		
71	8.2		4.4	6.6#
51	22.6		22.3	33.5
120	21.4		16.9	25.3

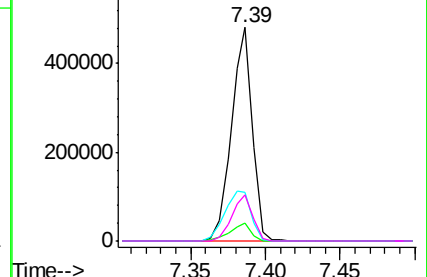
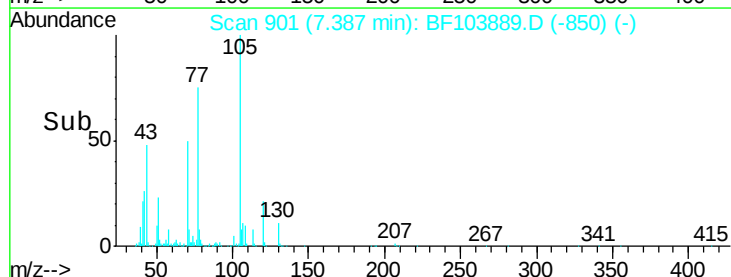


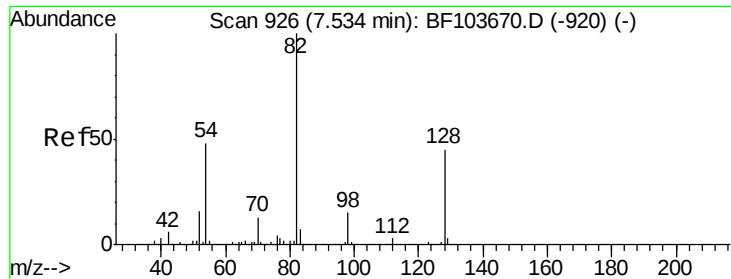
Abundance Ion 105.00 (104.70 to 105.70): E

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





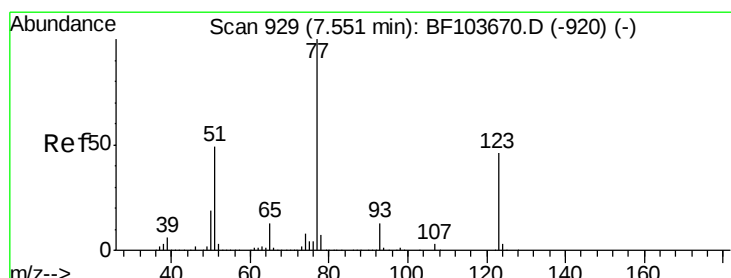
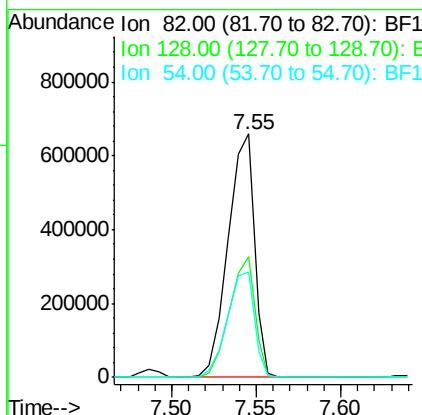
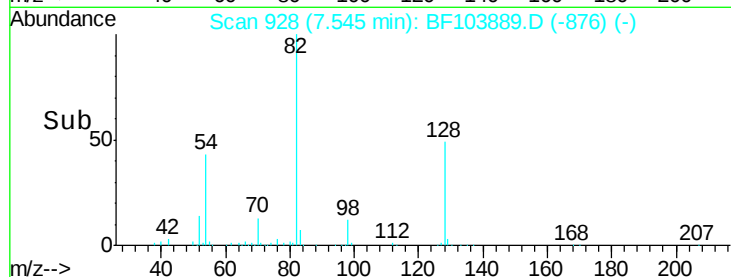
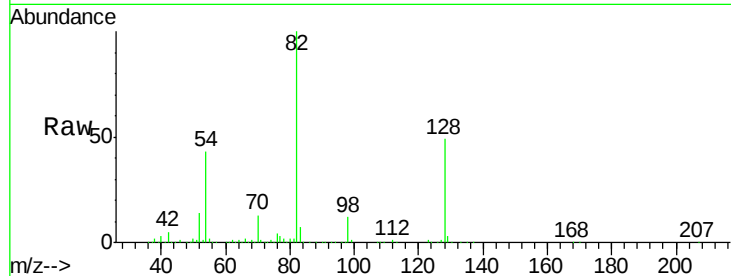
#23
Nitrobenzene-d5
Concen: 93.263 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	43.2	41.4	62.2

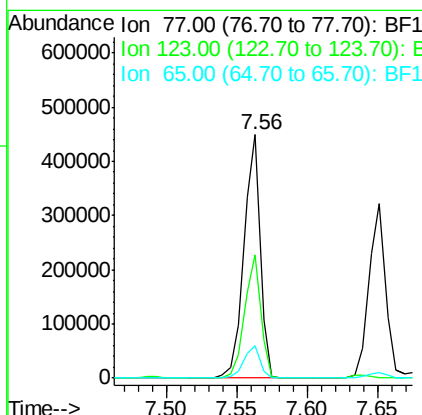
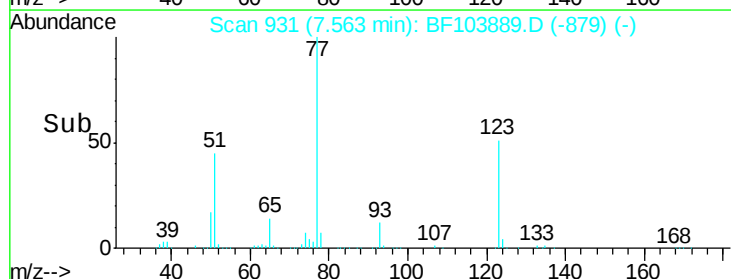
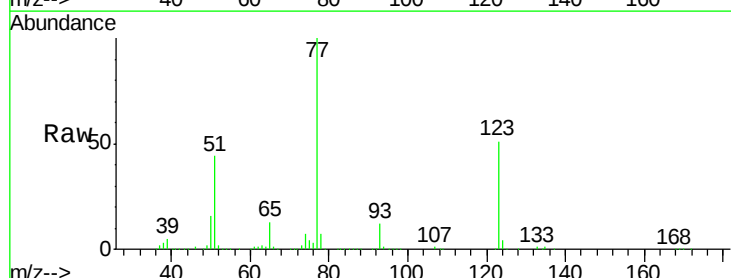
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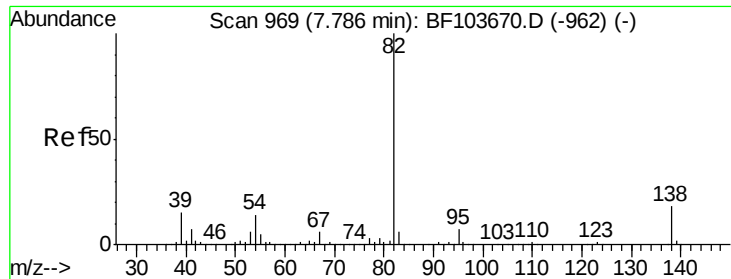
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#24
Nitrobenzene
Concen: 40.069 ng
RT: 7.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 37.081 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

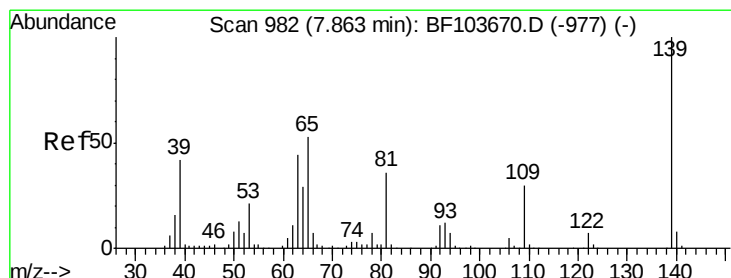
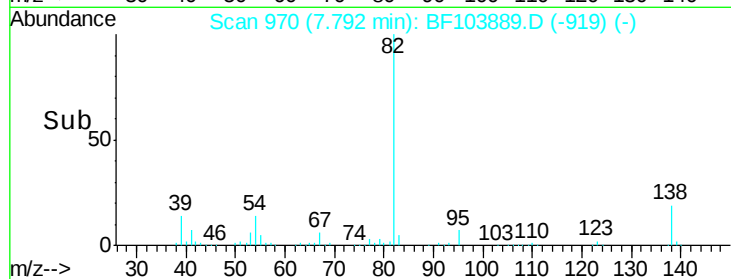
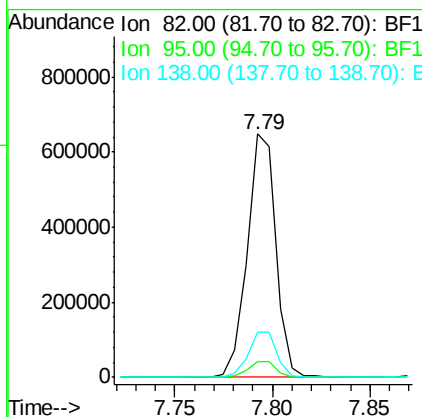
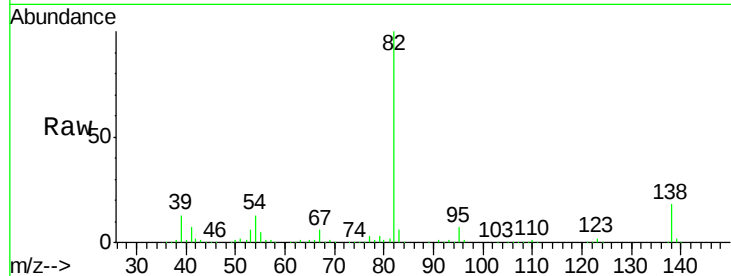
ClientSampleId :

S-1MSD

Tot Ion:	82	Resp:	657381
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.837 ng

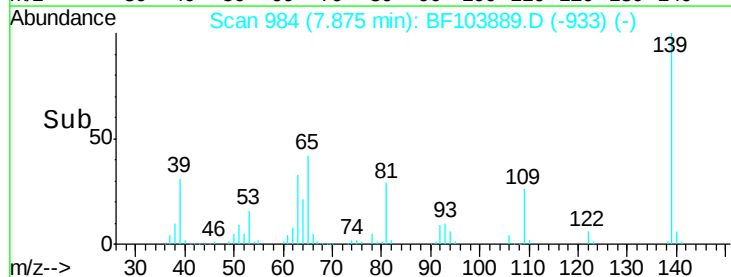
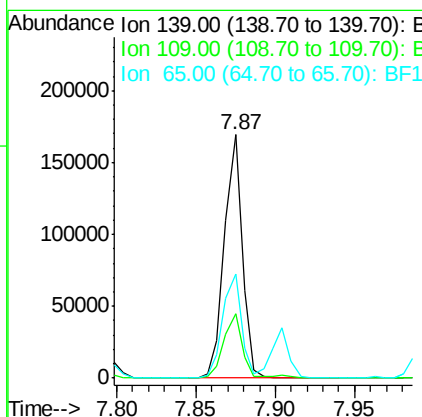
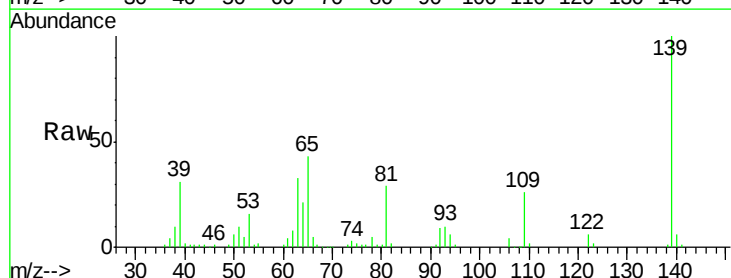
RT: 7.87 min Scan# 984

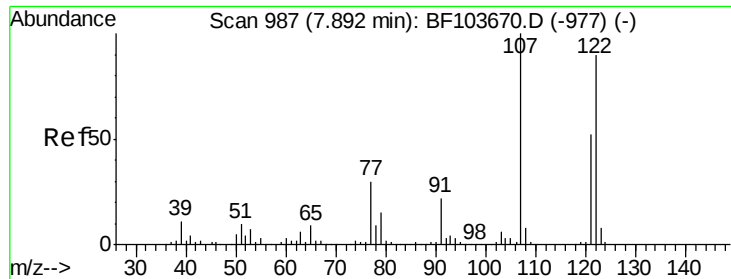
Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	139	Resp:	133687
Ion Ratio	Lower	Upper	
139	100		
109	26.4	22.7	34.1
65	42.5	40.5	60.7





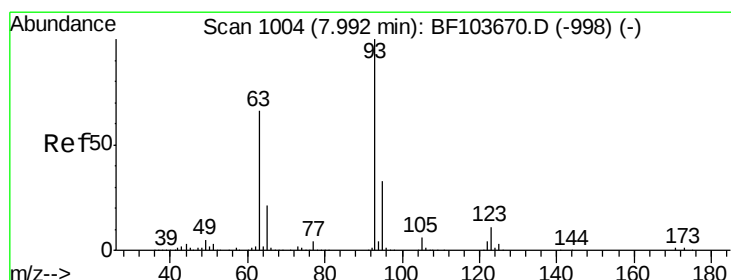
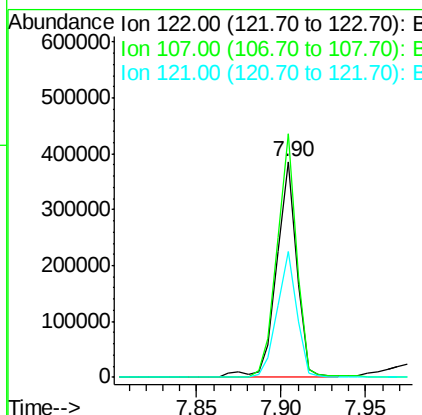
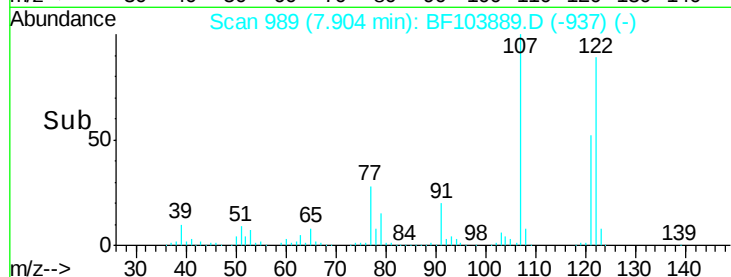
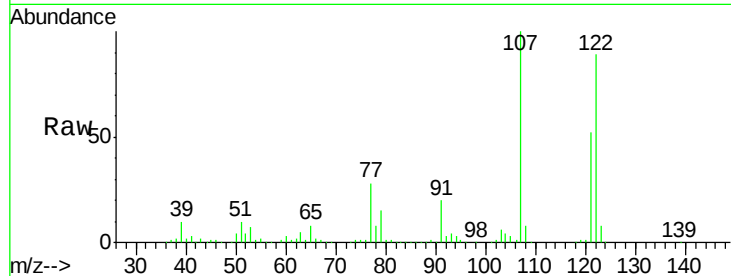
#27
2,4-Dimethylphenol
Concen: 41.649 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
316314	122	100			
	107	112.9	91.2	136.8	
	121	58.2	47.2	70.8	

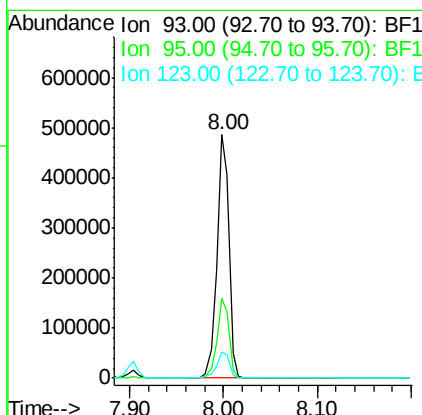
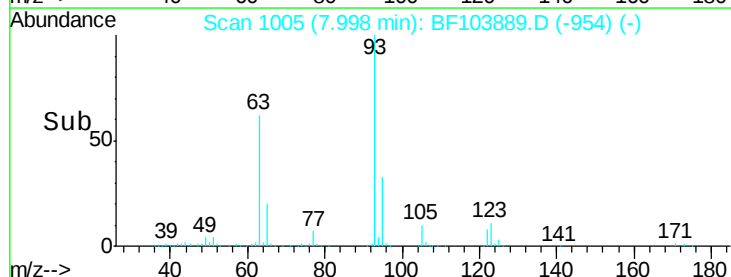
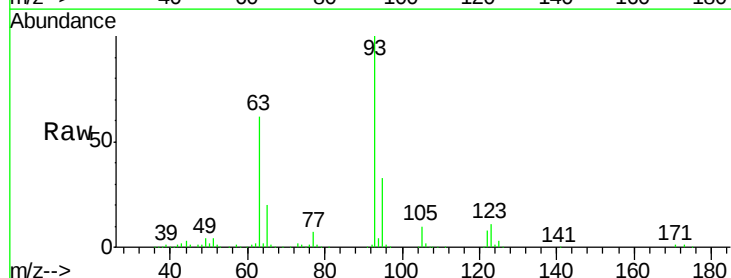
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#28
bis(2-Chloroethoxy)methane
Concen: 40.799 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
437984	93	100			
	95	32.6	26.3	39.5	
	123	10.9	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 40.586 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

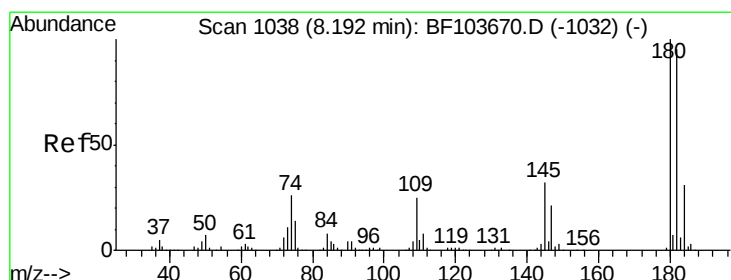
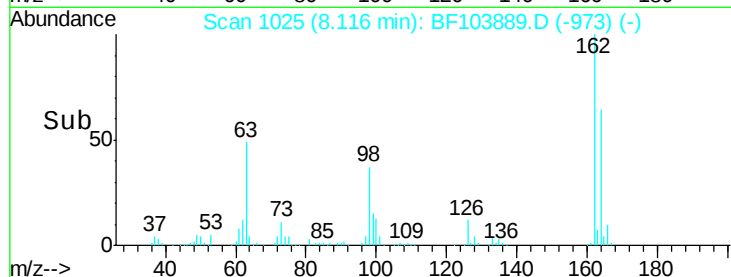
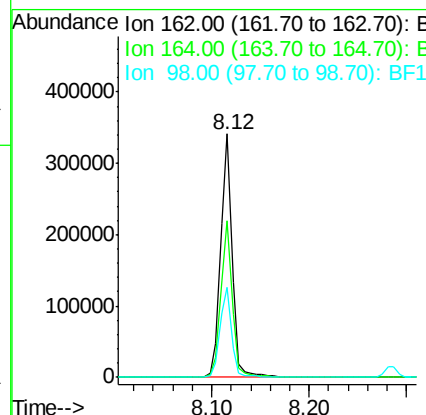
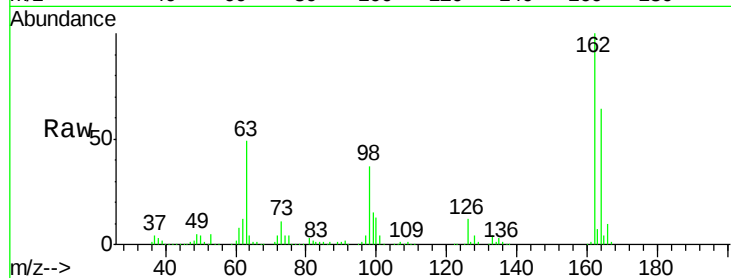
ClientSampled :

S-1MSD

Tot Ion:	162	Resp:	280436
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	36.8	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 36.371 ng

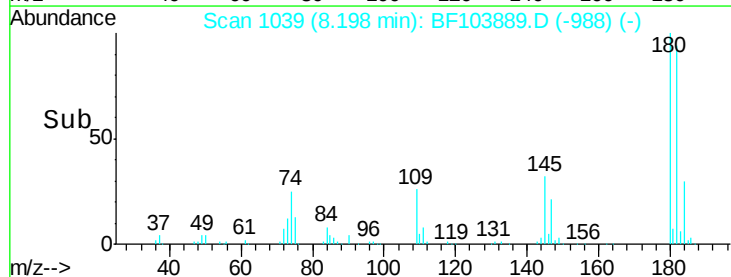
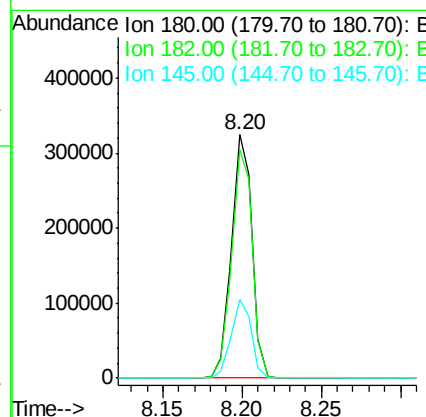
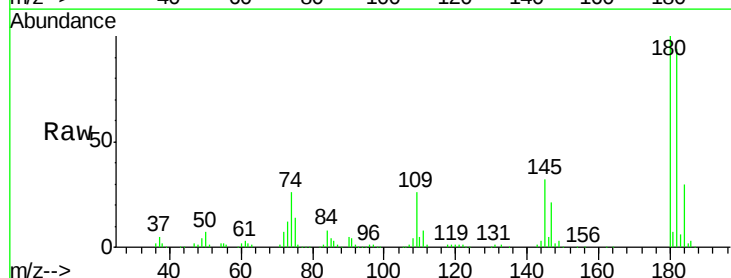
RT: 8.20 min Scan# 1039

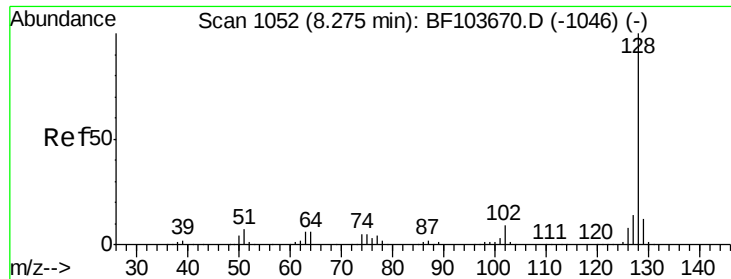
Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	180	Resp:	291476
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.8	115.2
145	32.2	26.5	39.7





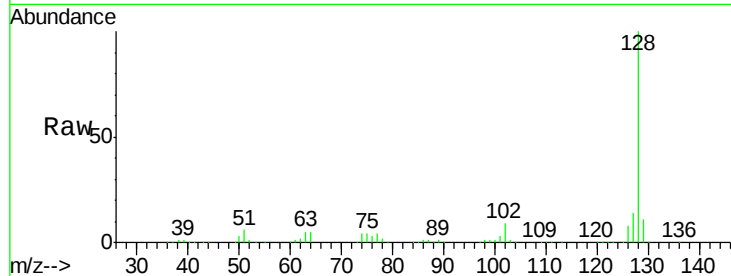
#31
Naphthalene
Concen: 35.976 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

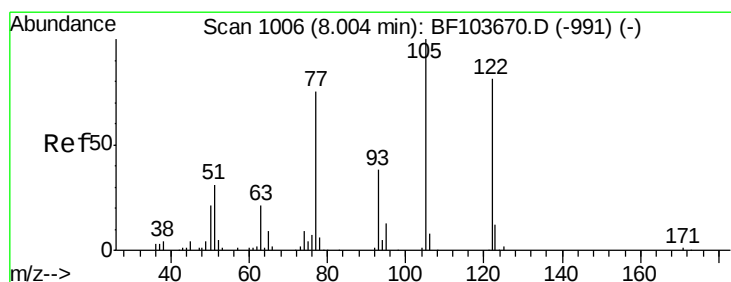
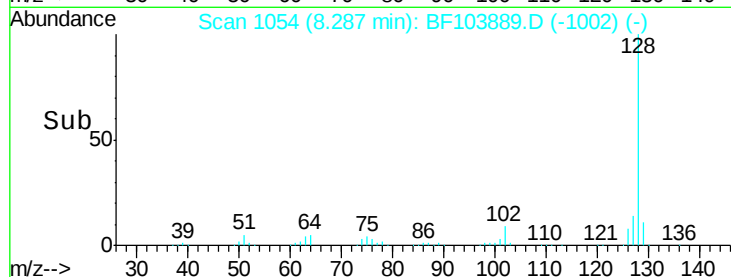
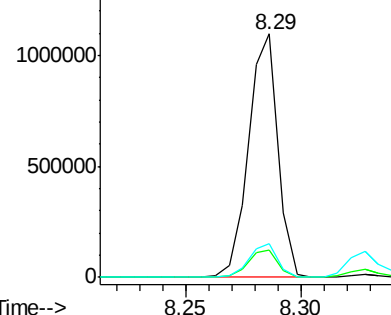
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	10.9	16.3

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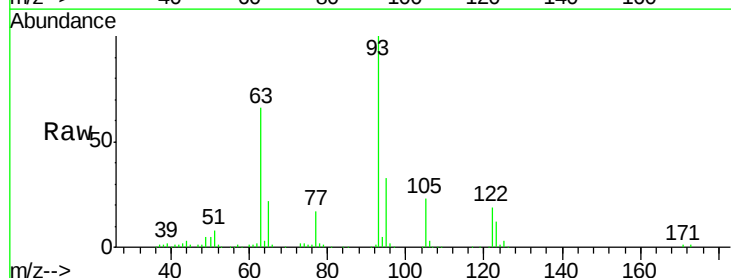


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

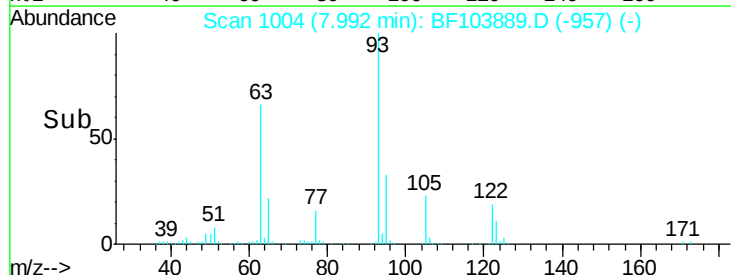
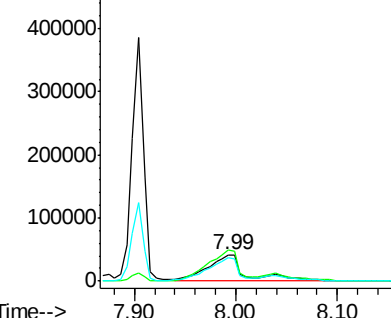


#32
Benzoic acid
Concen: 24.687 ng m
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	101.1	141.1
77	86.7	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





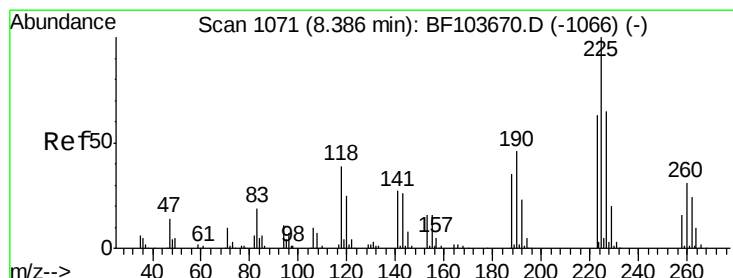
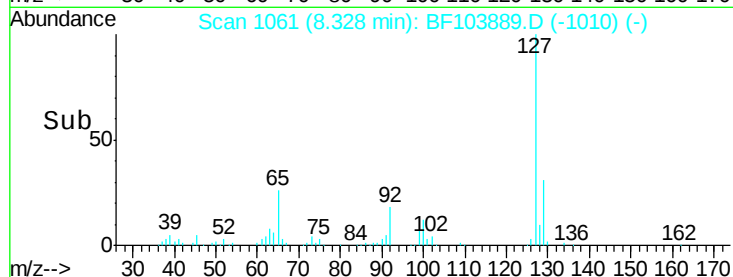
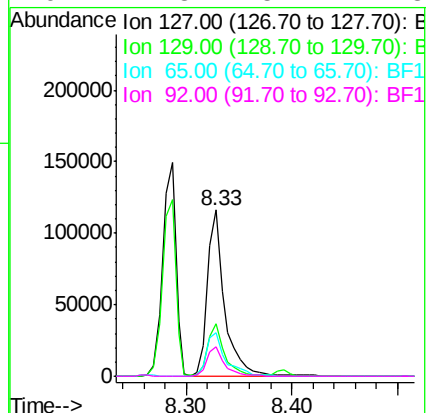
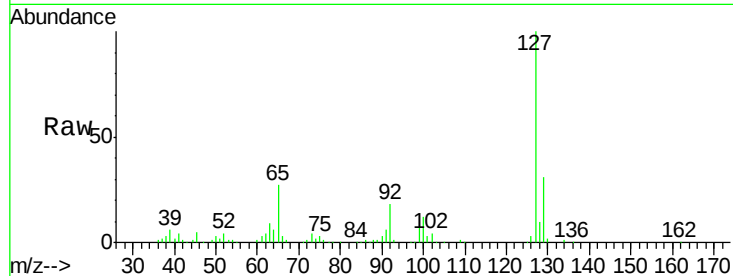
#33
4-Chloroaniline
Concen: 11.642 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4		25.9	38.9	
65	26.6		25.0	37.4	
92	17.8		15.2	22.8	

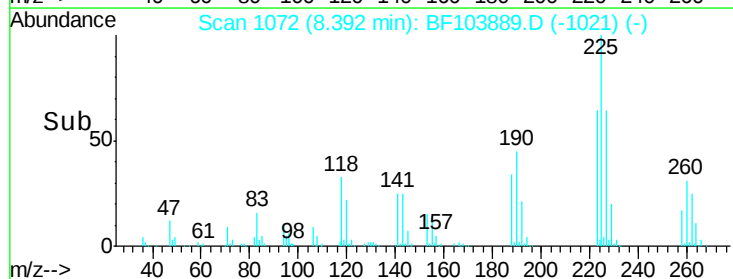
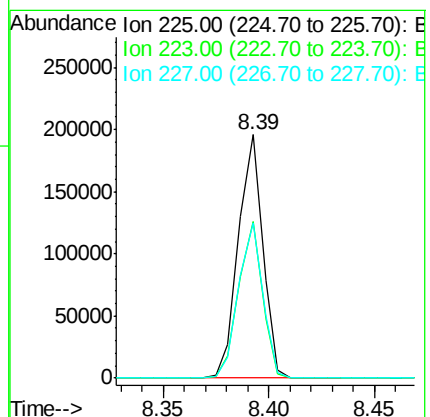
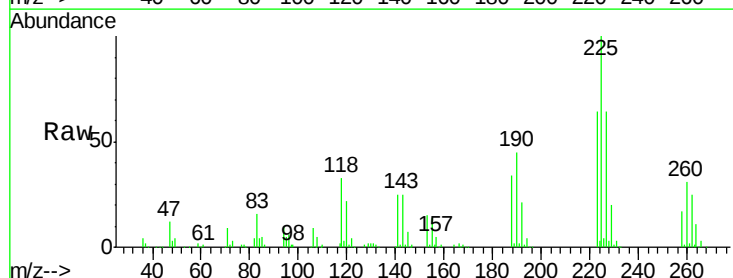
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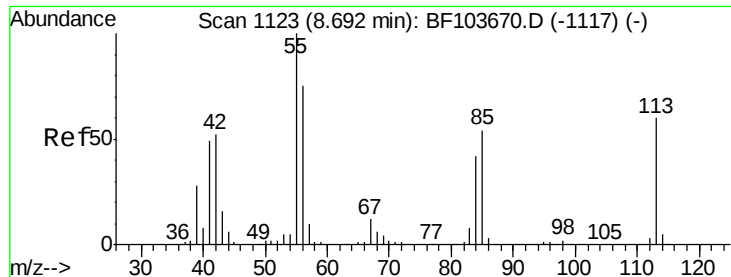
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#34
Hexachlorobutadiene
Concen: 35.630 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2		50.6	76.0	
227	63.6		51.9	77.9	





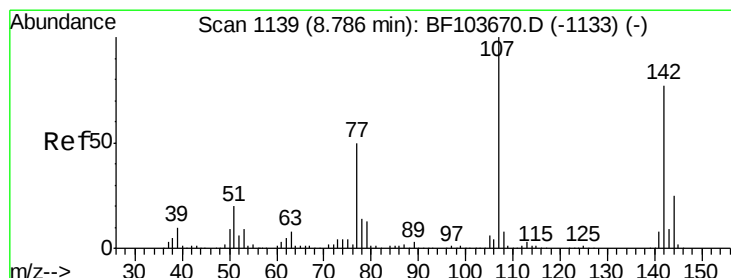
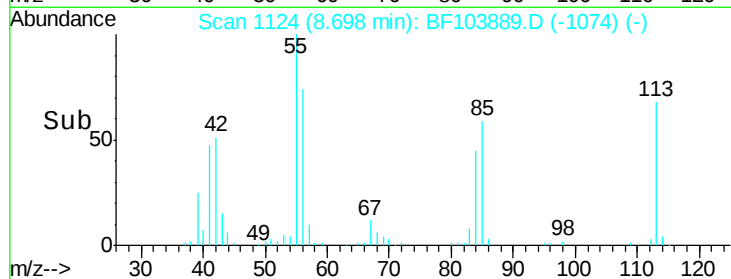
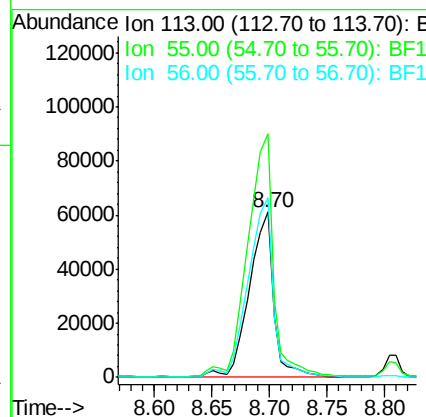
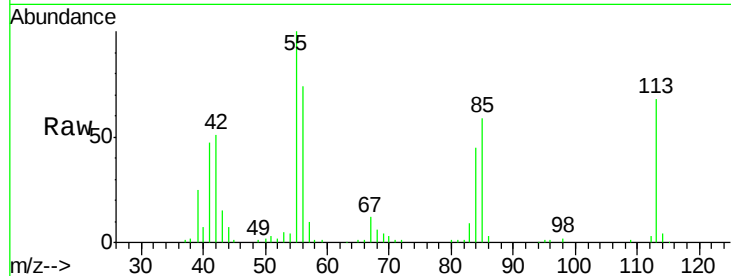
#35
 Caprolactam
 Concen: 37.941 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	147.5	163.3	203.3	#
56	109.2	115.7	155.7	#

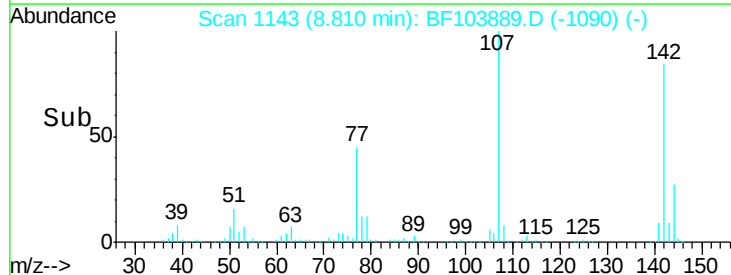
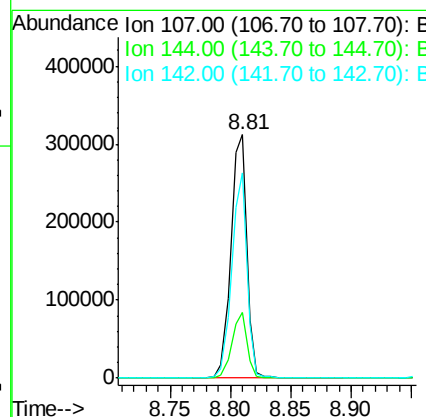
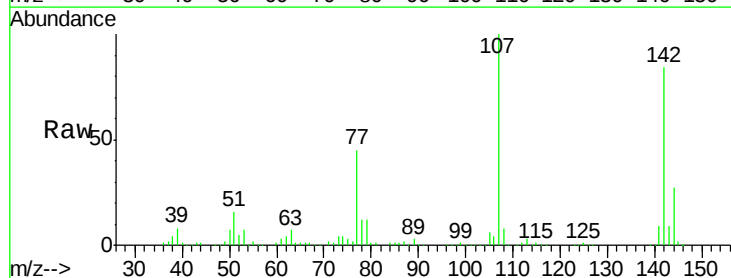
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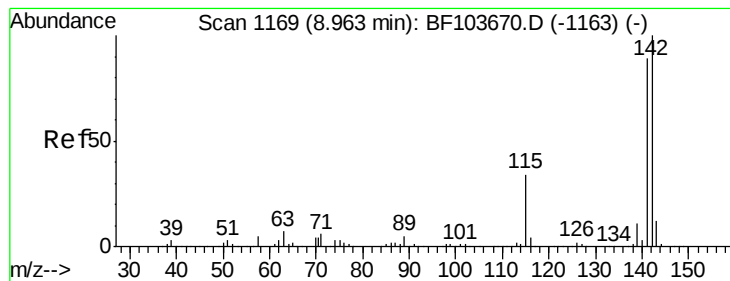
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#36
 4-Chloro-3-methylphenol
 Concen: 37.650 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.9	20.5	30.7	
142	84.2	62.0	93.0	





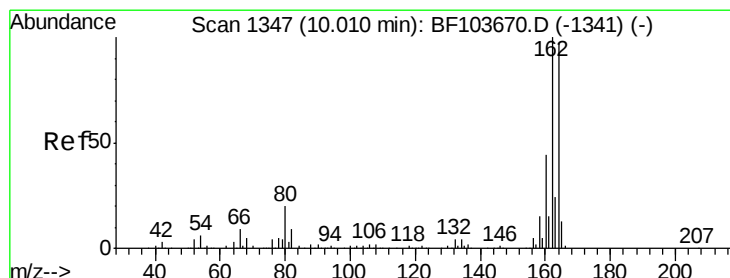
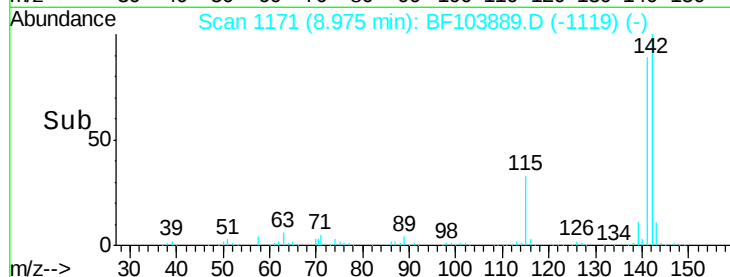
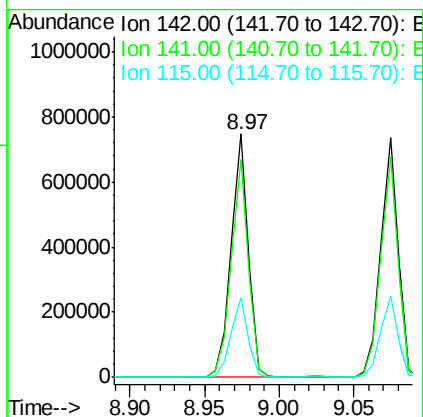
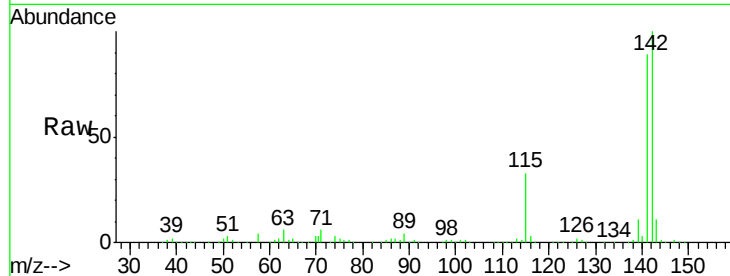
#37
2-Methylnaphthalene
Concen: 36.106 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.0	26.1	39.1

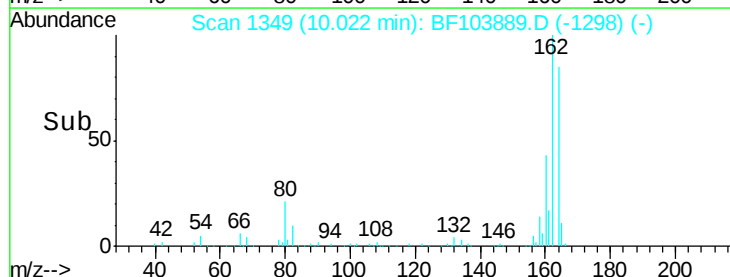
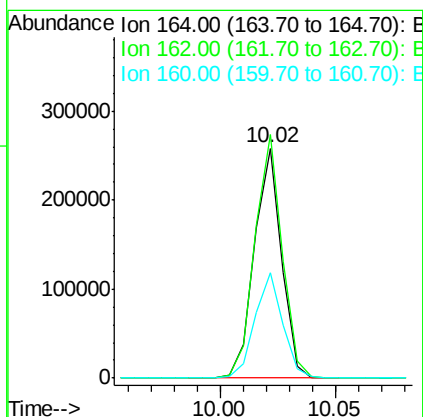
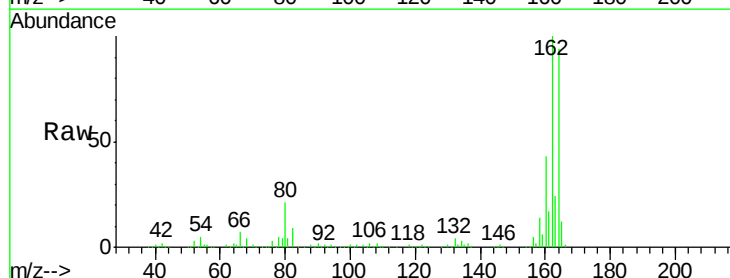
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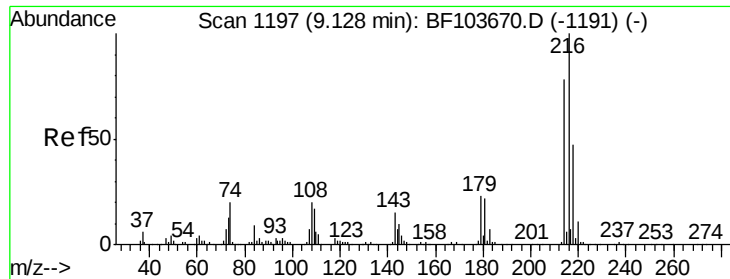
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	45.7	38.3	57.5





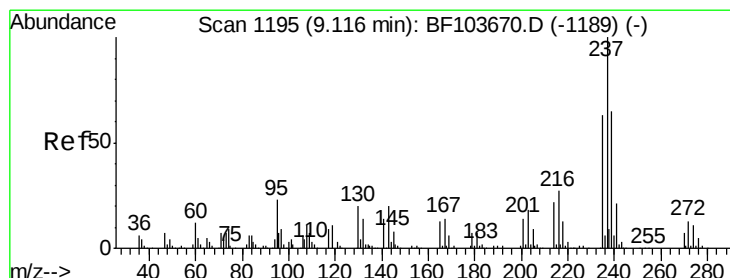
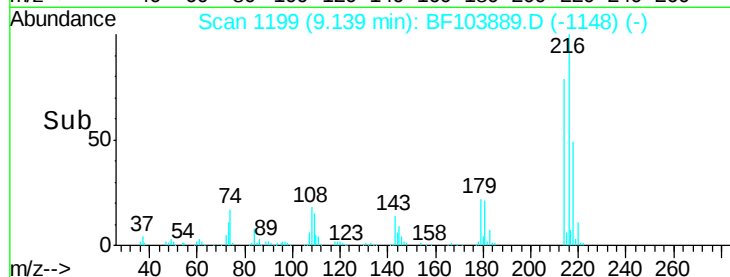
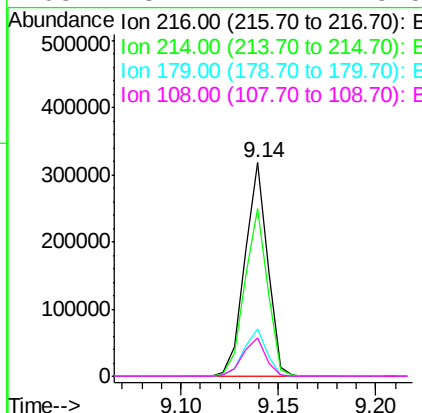
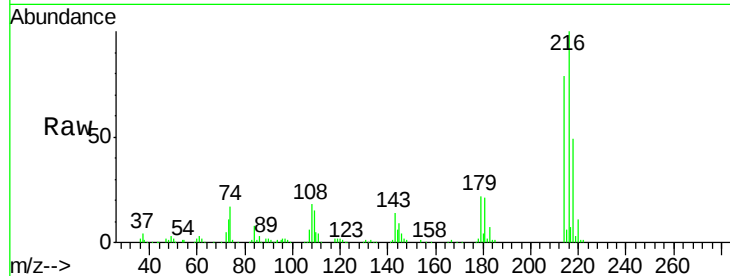
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.470 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		257356		
214	78.8		63.0	94.4	
179	21.9		18.1	27.1	
108	18.4		17.2	25.8	

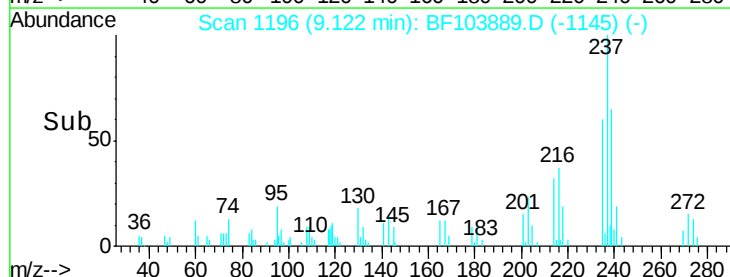
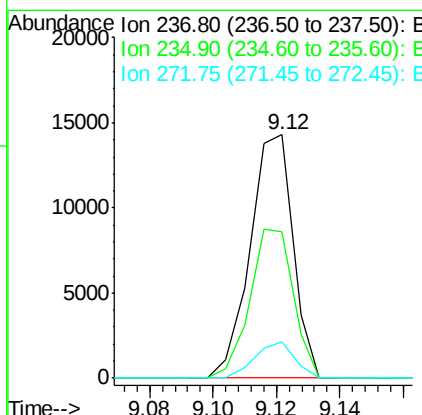
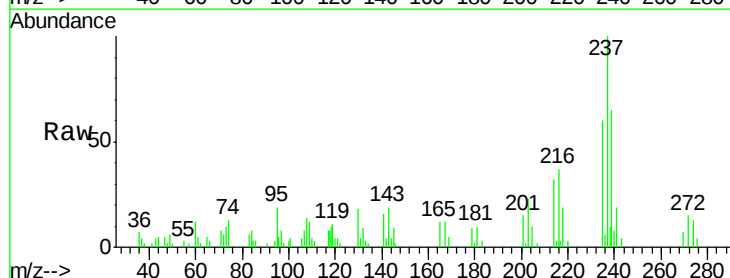
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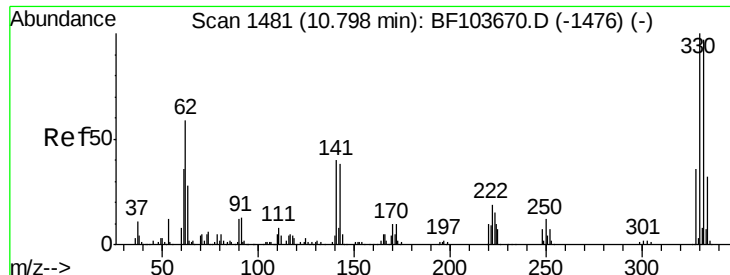
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#40
 Hexachlorocyclopentadiene
 Concen: 4.308 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		13471		
235	59.9		44.8	84.8	
272	14.7		0.0	33.3	





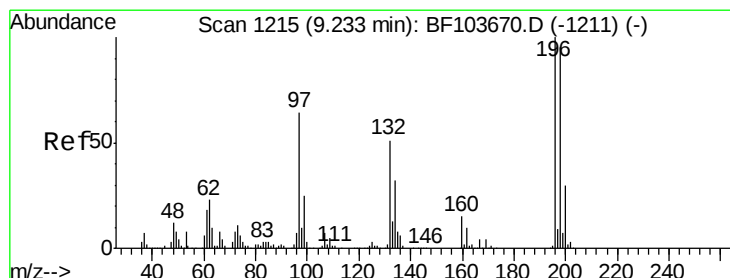
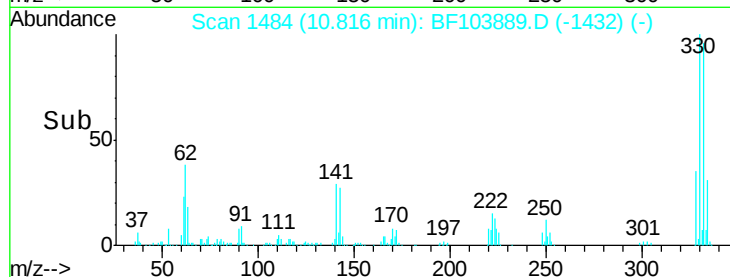
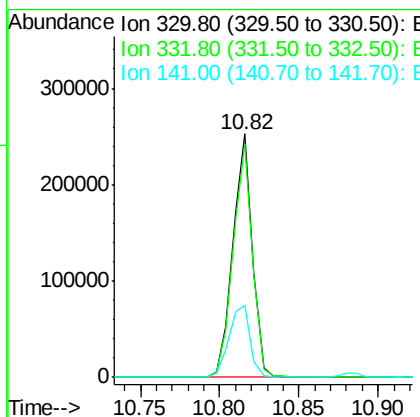
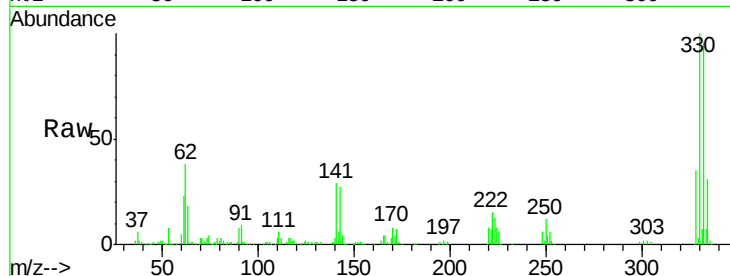
#41
 2,4,6-Tribromophenol
 Concen: 117.291 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214208		
332	95.9	77.0	115.6	
141	32.4	29.9	44.9	

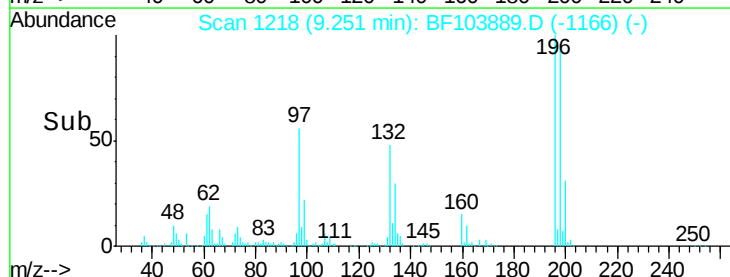
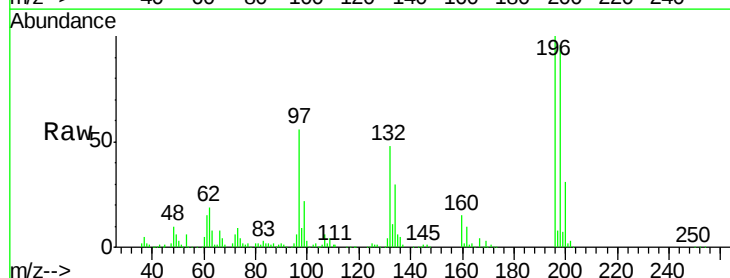
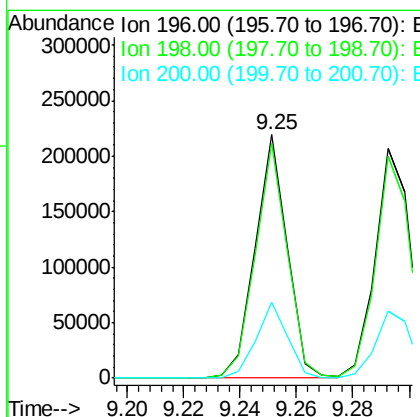
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#42
 2,4,6-Trichlorophenol
 Concen: 44.640 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173022		
198	96.5	75.7	113.5	
200	31.4	24.5	36.7	





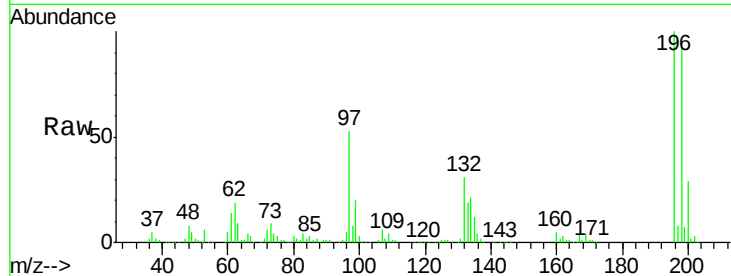
#43
 2,4,5-Trichlorophenol
 Concen: 41.620 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	182077		
198	96.2	74.6	112.0	
97	53.0	42.9	64.3	
132	30.5	26.3	39.5	

Manual Integrations
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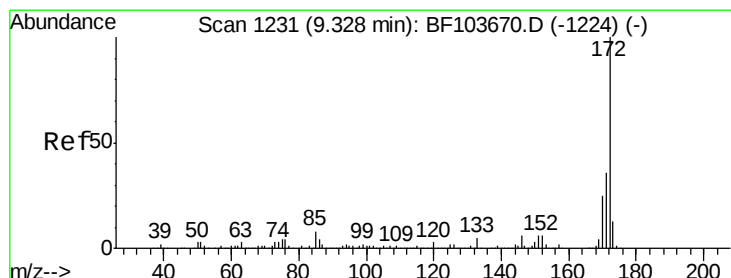
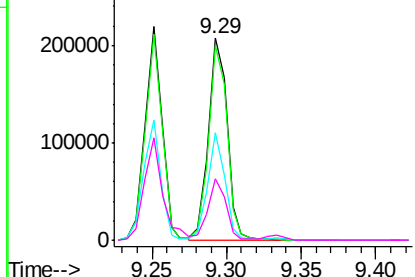
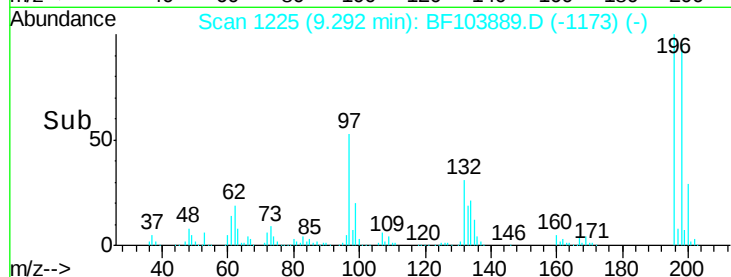
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

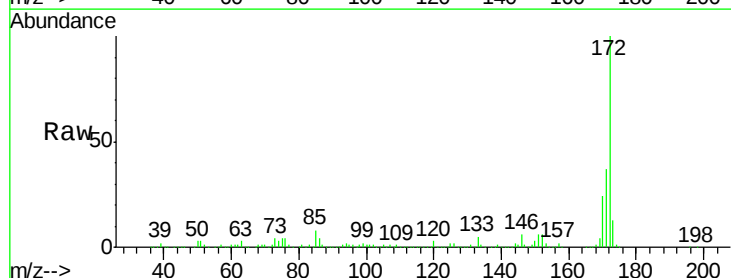
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.261 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1042102		
171	36.6	29.7	44.5	
170	24.2	19.6	29.4	

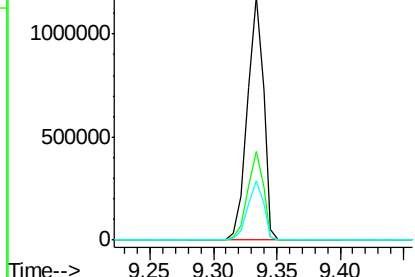
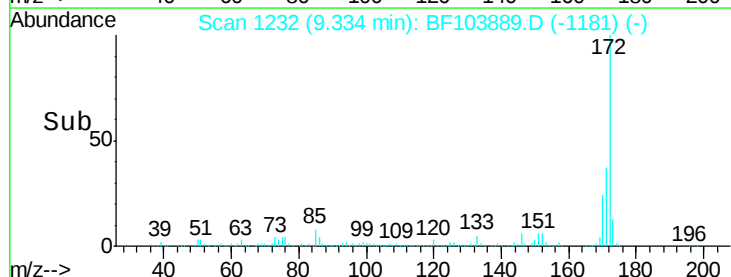


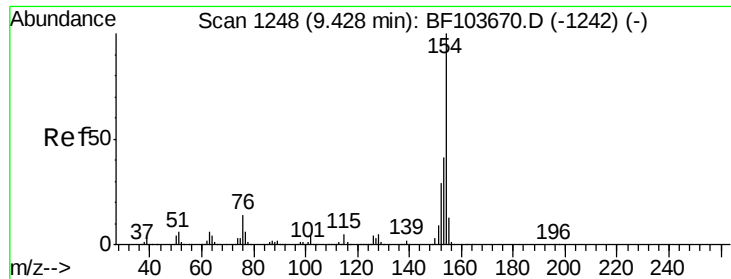
Abundance

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





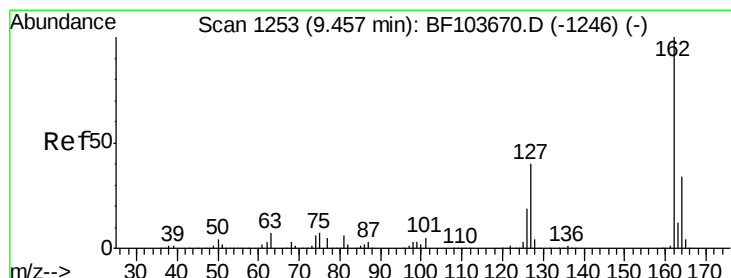
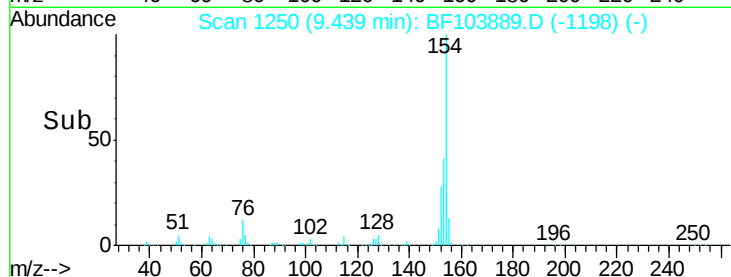
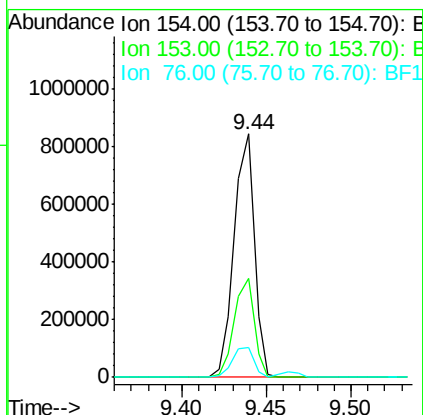
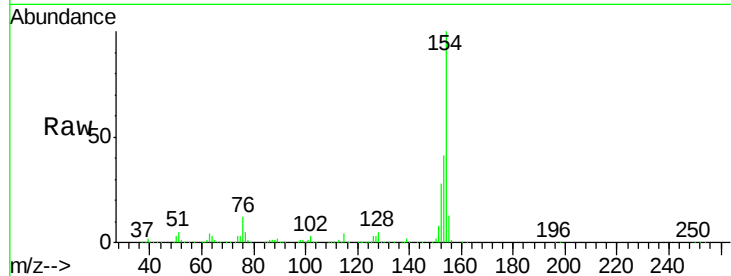
#45
 1,1'-Biphenyl
 Concen: 39.772 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.1	0.0	34.0

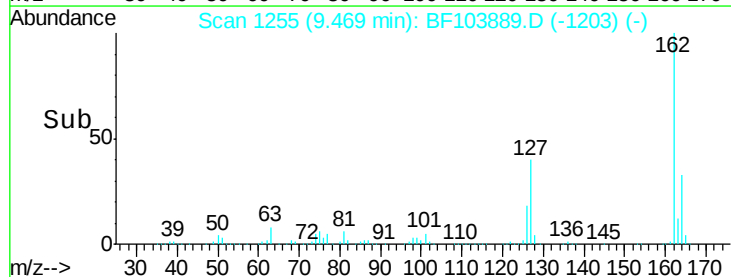
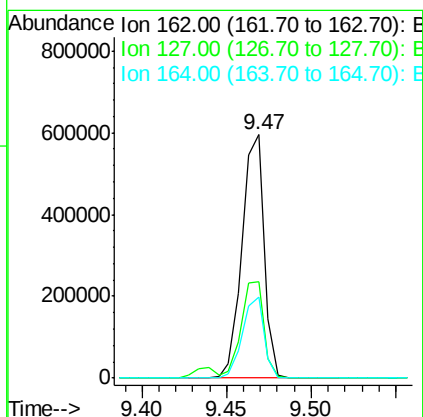
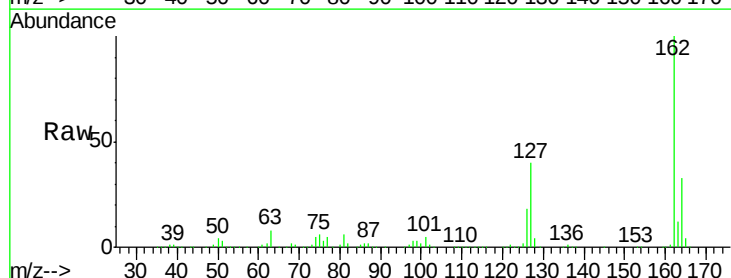
Manual Integrations
 APPROVED

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 3/26/2018 4:33:20 PM



#46
 2-Chloronaphthalene
 Concen: 38.686 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.2	26.5	39.7





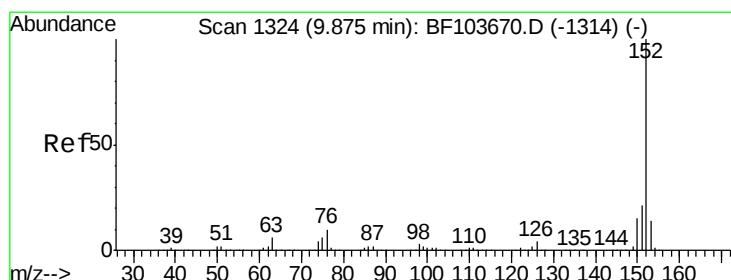
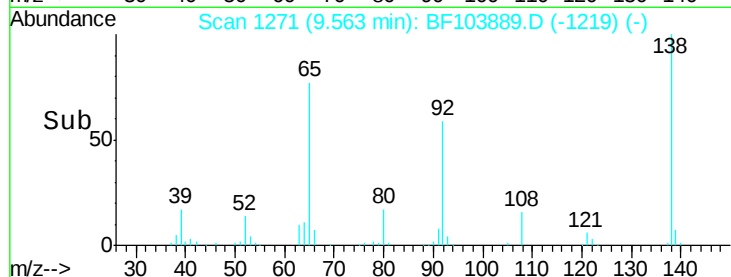
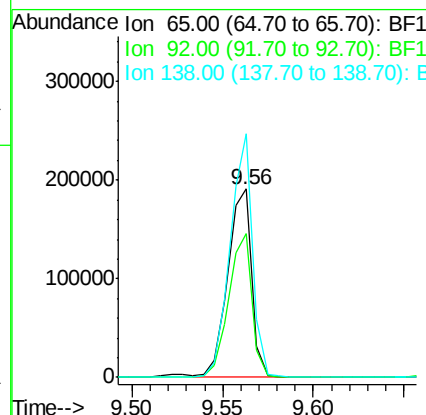
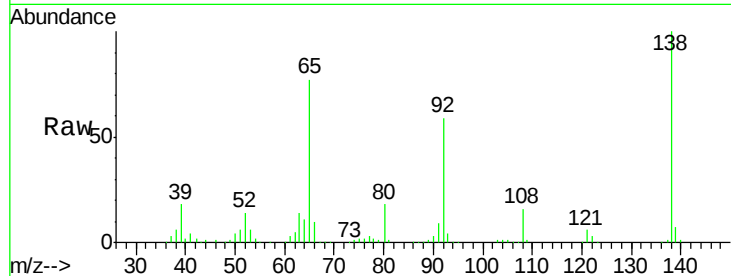
#47
 2-Nitroaniline
 Concen: 47.911 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.7	55.8	83.6
138	129.3	91.2	136.8

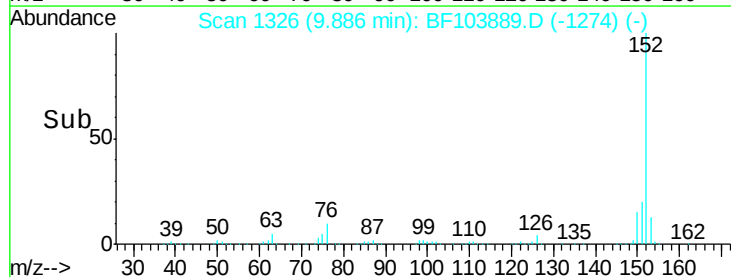
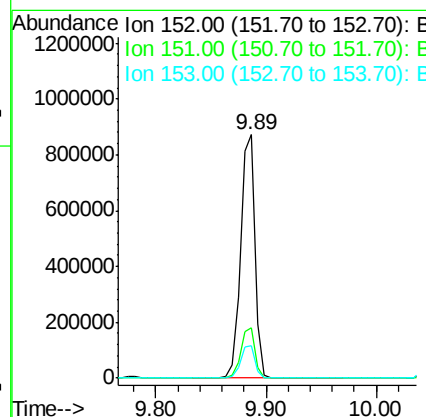
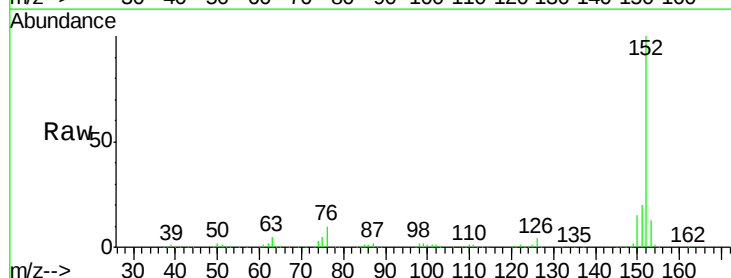
Manual Integrations
 APPROVED

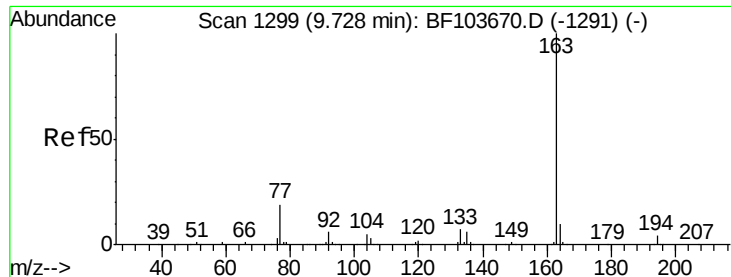
Sohil
 3/26/2018 4:33:20 PM



#48
 Acenaphthylene
 Concen: 36.368 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1





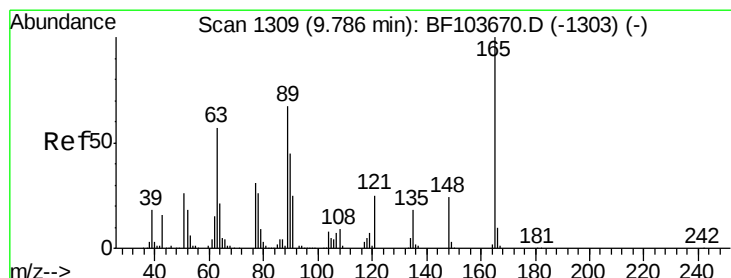
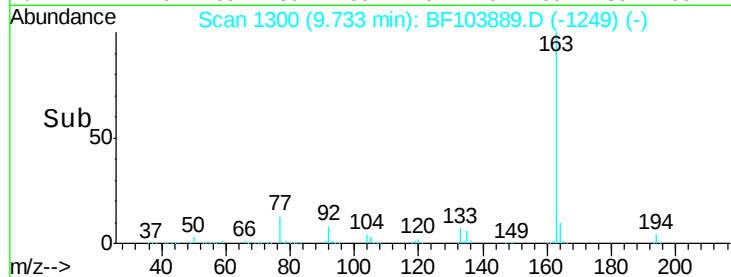
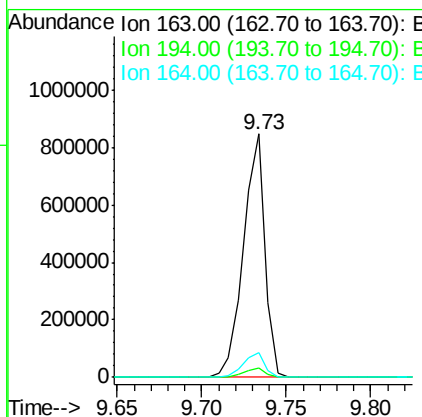
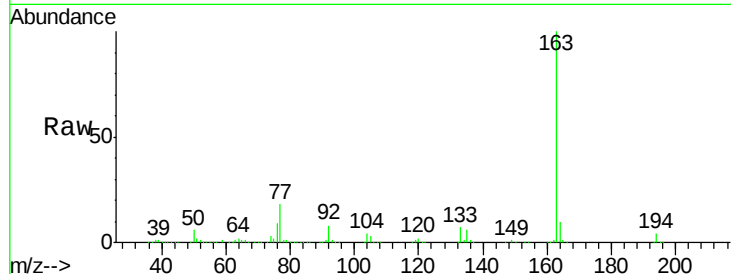
#49
Dimethylphthalate
Concen: 46.407 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	752044		
194	3.6		2.7	4.1
164	9.9		8.2	12.2

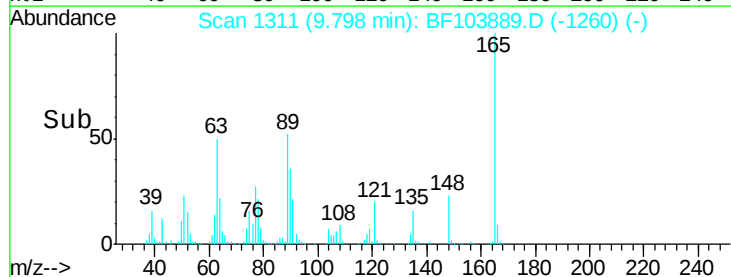
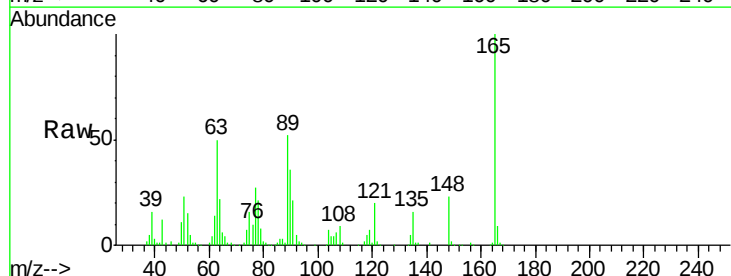
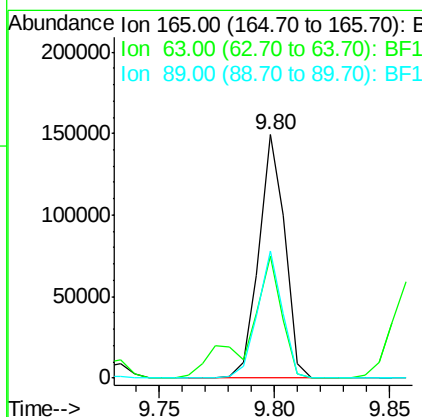
Manual Integrations
APPROVED

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#50
2,6-Dinitrotoluene
Concen: 38.376 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117575		
63	50.0		44.7	67.1
89	52.2		44.0	66.0





#51

Acenaphthene

Concen: 35.733 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

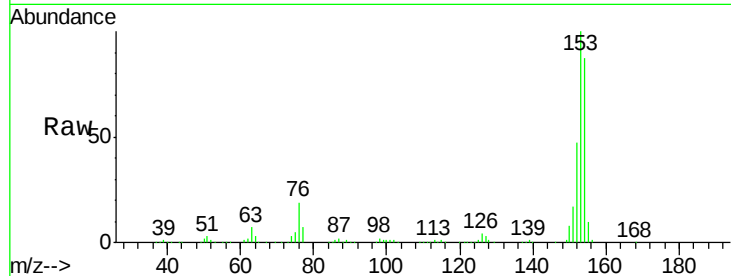
ClientSampleId :

S-1MSD

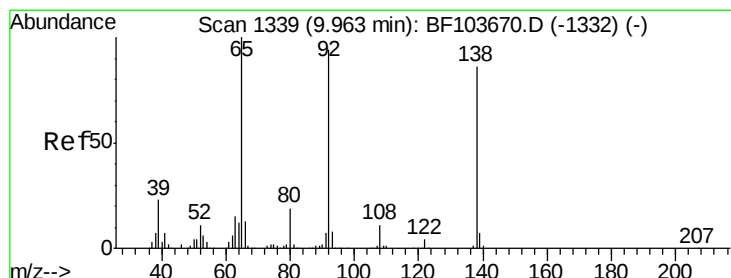
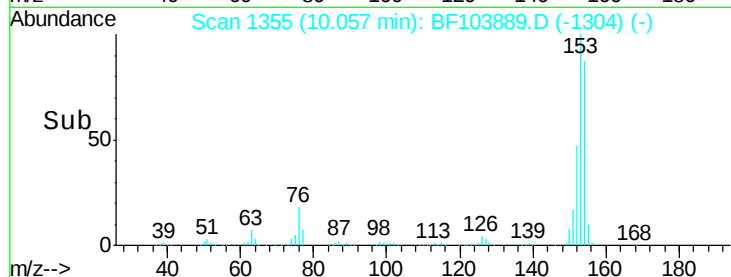
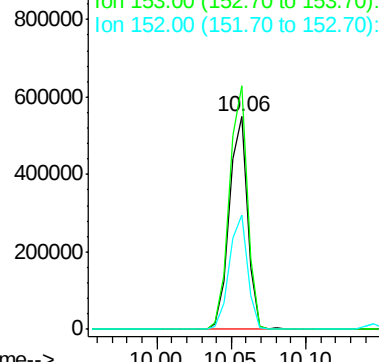
Tot Ion:	154	Resp:	462849
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	53.6	43.8	65.8

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



#52

3-Nitroaniline

Concen: 42.456 ng

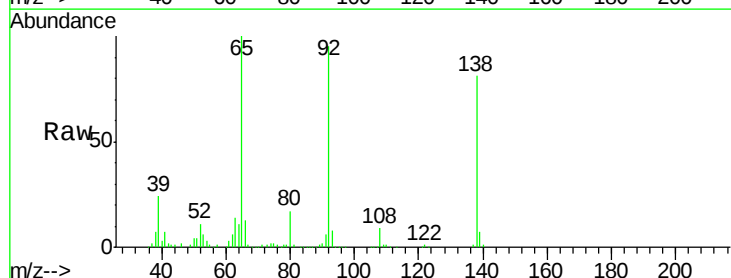
RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

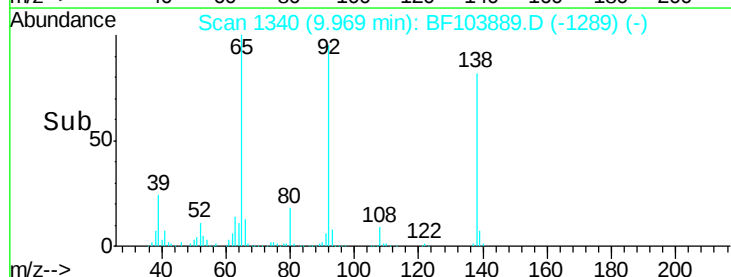
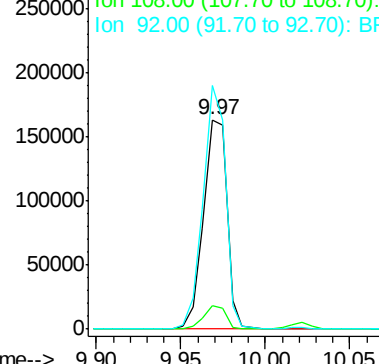
Lab File: BF103889.D

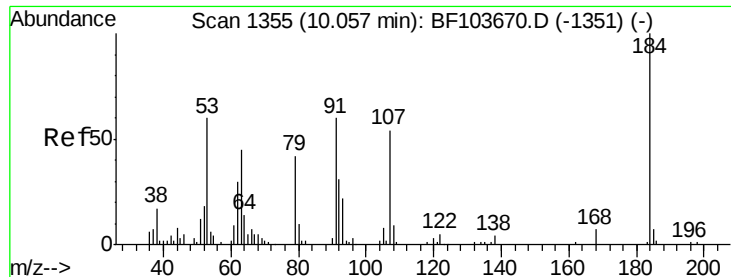
Acq: 23 Mar 2018 19:13

Tgt Ion:	138	Resp:	157716
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	116.4	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





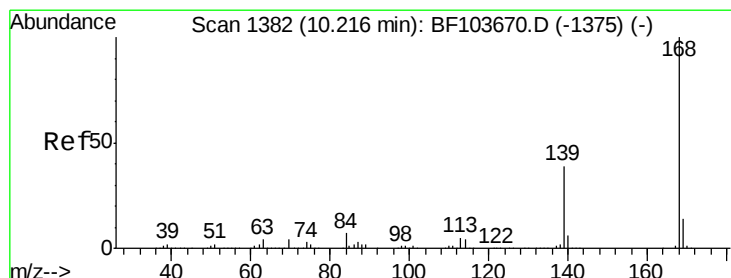
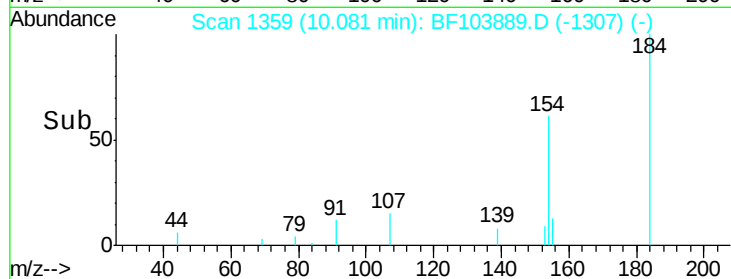
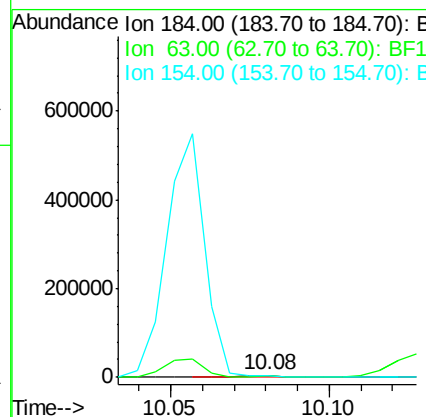
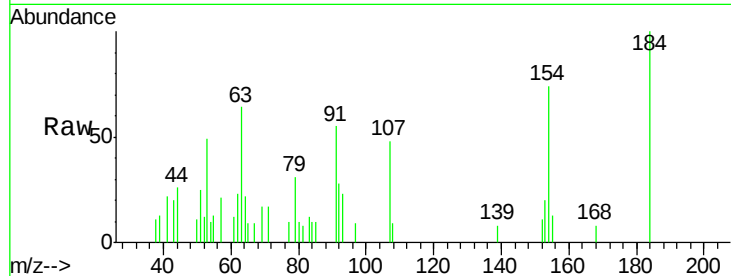
#53
2,4-Dinitrophenol
Concen: 13.791 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.2	54.2	81.2
154	73.6	184.0	276.0#

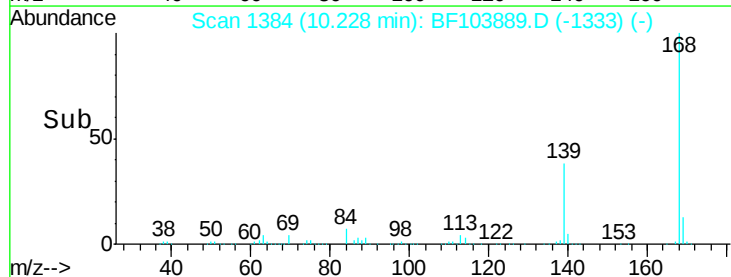
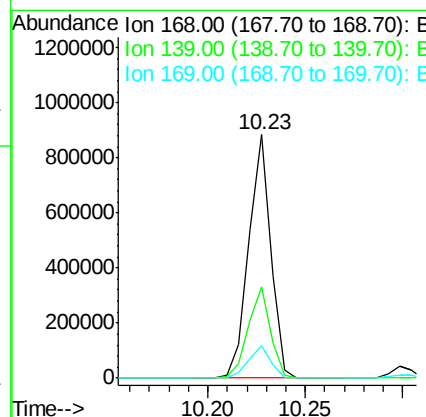
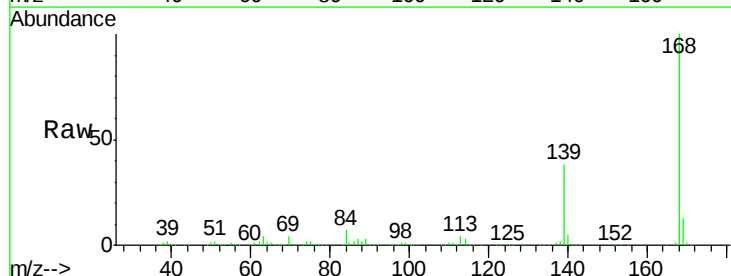
Manual Integrations
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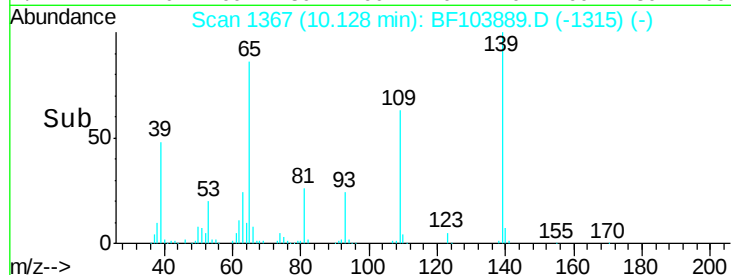
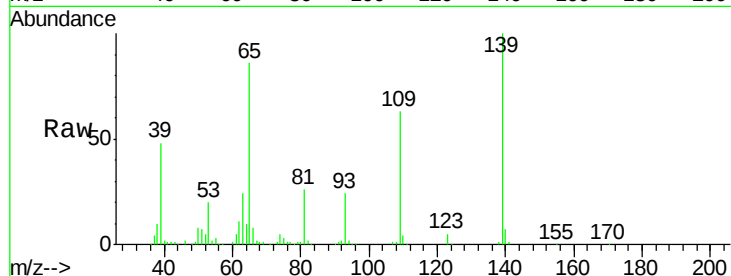
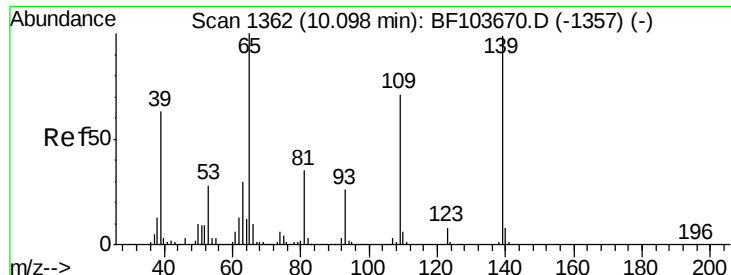
Sohil
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#54
Dibenzofuran
Concen: 37.480 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.5	10.9	16.3





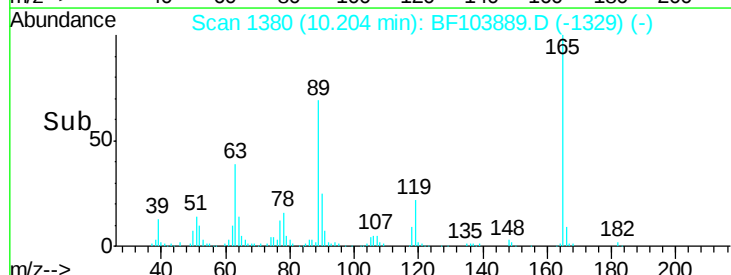
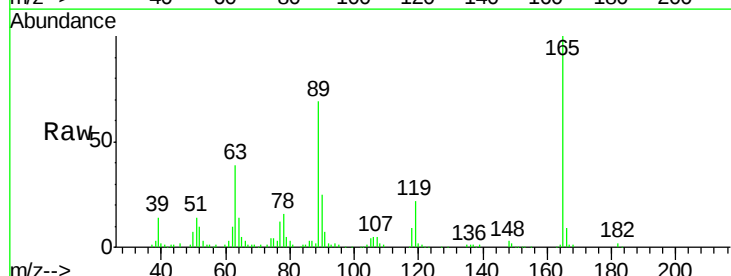
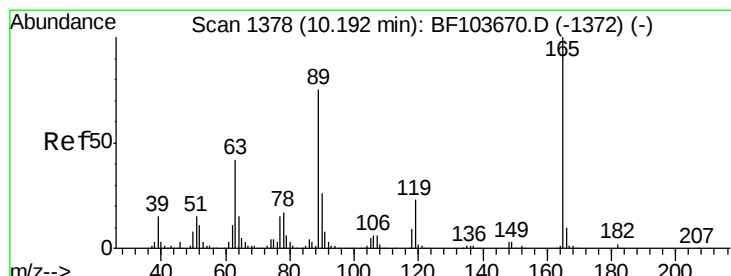
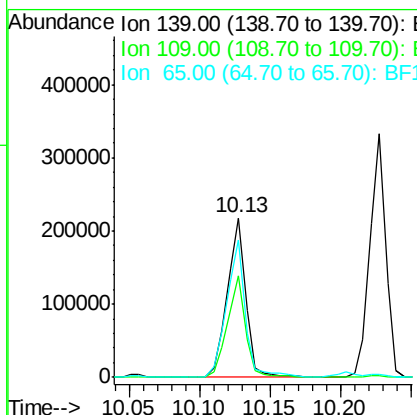
#55
4-Nitrophenol
Concen: 68.493 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	200953		
109	63.5	48.4	88.4	
65	86.0	72.6	112.6	

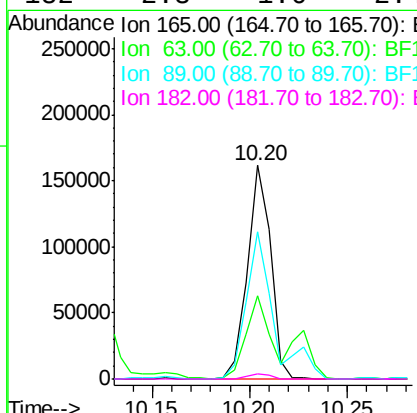
Manual Integrations
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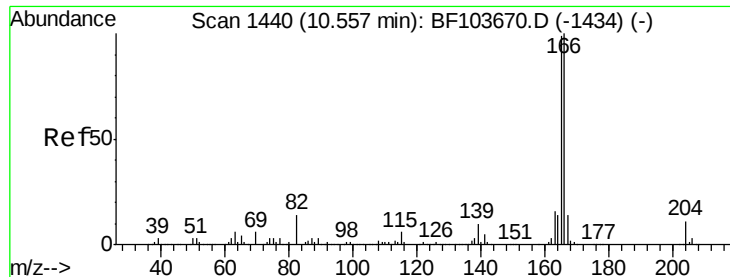
Sohil
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#56
2,4-Dinitrotoluene
Concen: 35.515 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133676		
63	39.0	36.4	54.6	
89	68.7	57.8	86.6	
182	2.3	1.6	2.4	





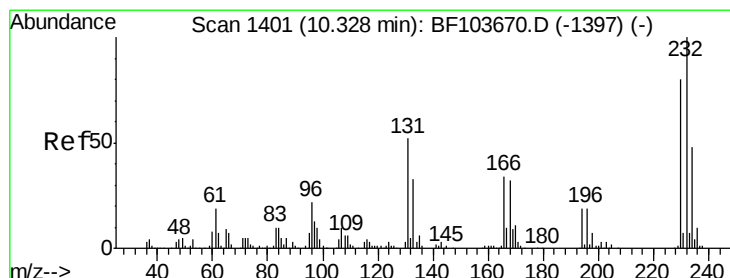
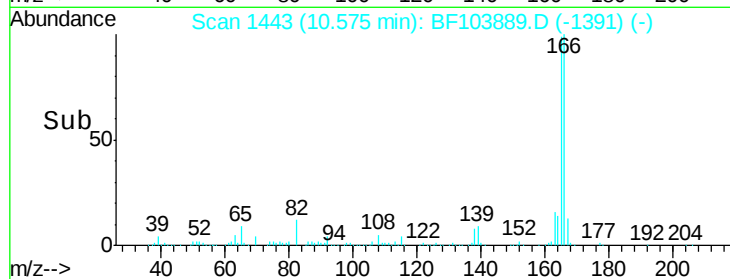
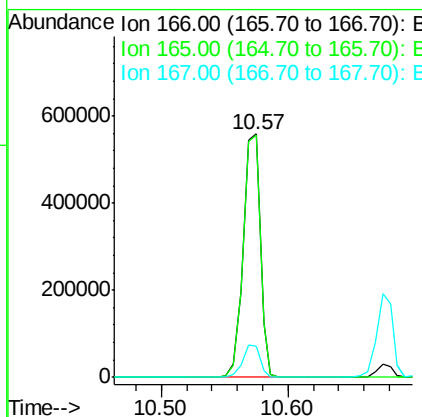
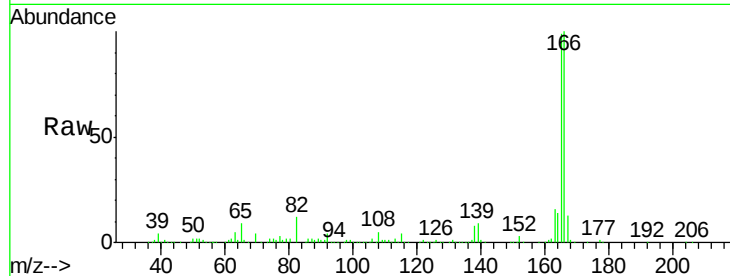
#57
 Fluorene
 Concen: 36.114 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.0	10.6	16.0

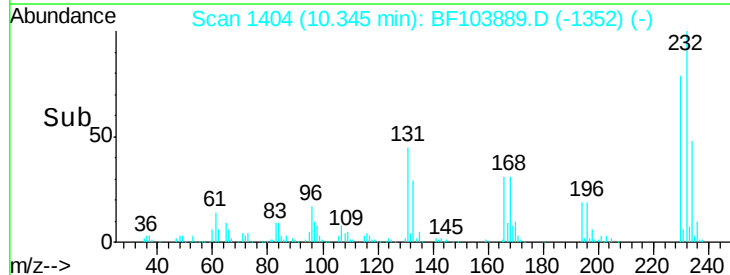
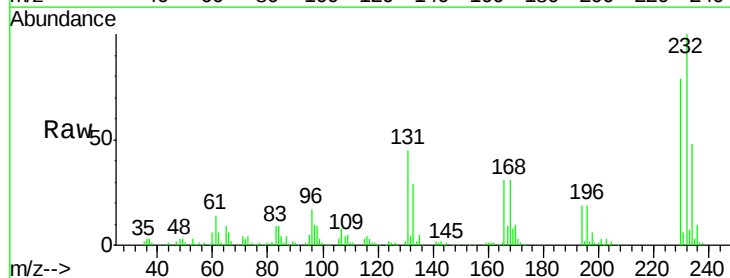
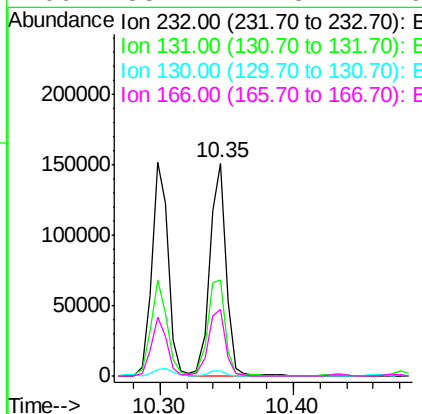
Manual Integrations
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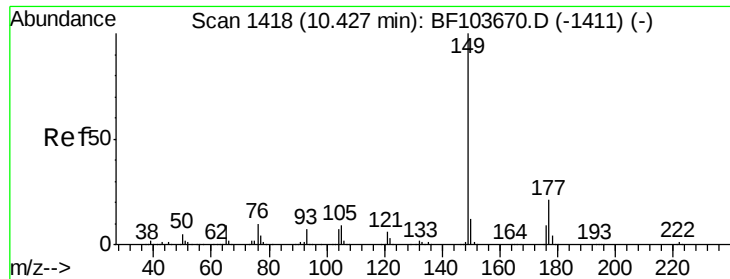
Sohil
 3/26/2018 4:33:20 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.770 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.8	43.8	65.8
130	2.4	2.1	3.1
166	33.1	27.8	41.6





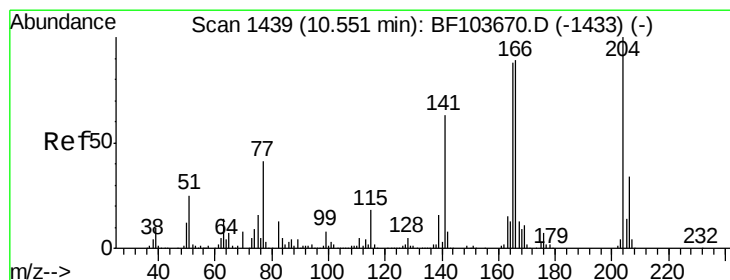
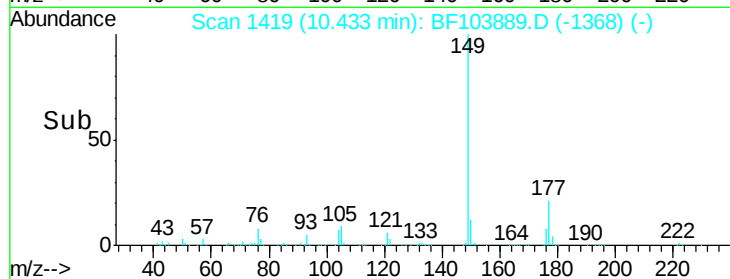
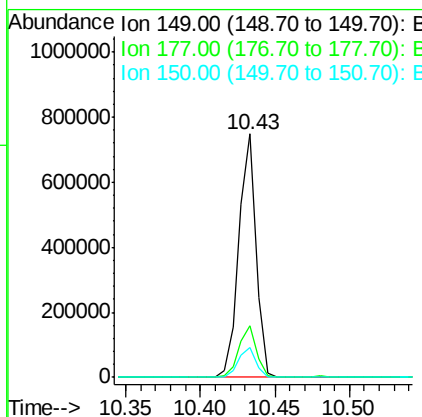
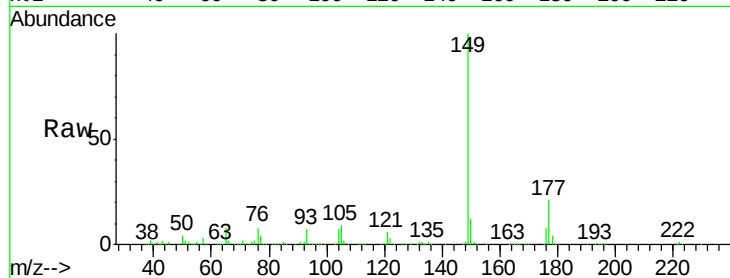
#59
Diethylphthalate
Concen: 37.894 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.5	10.1	15.1

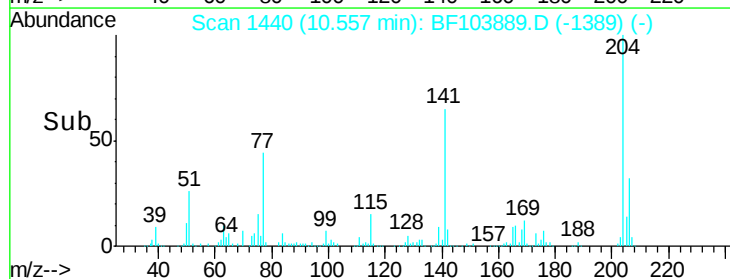
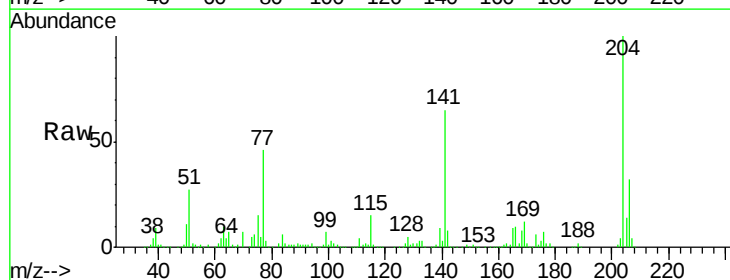
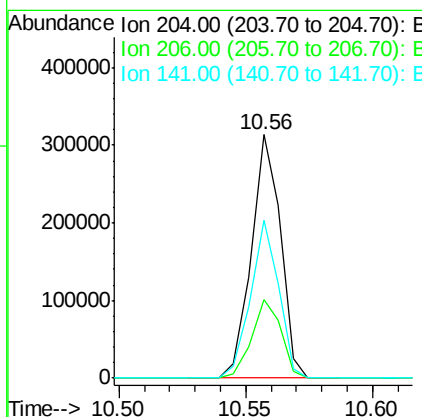
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 38.290 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	65.1	54.6	81.8





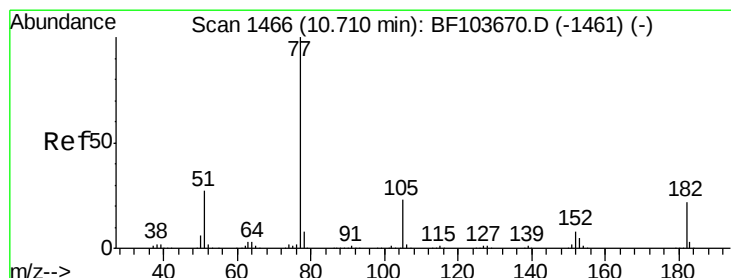
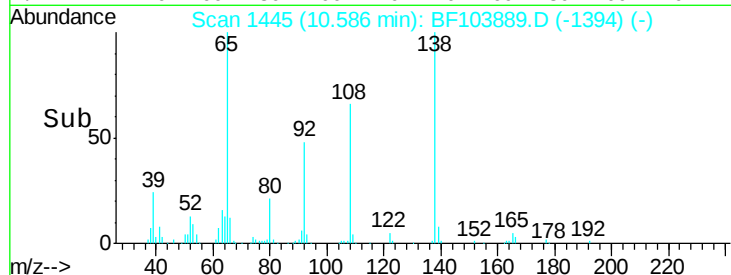
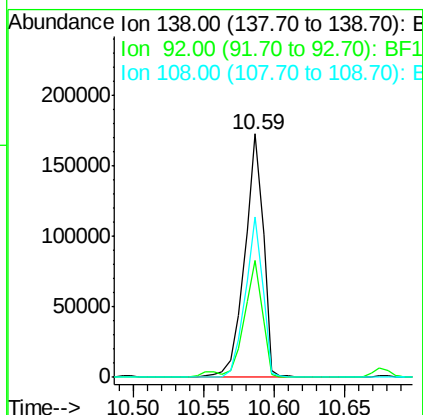
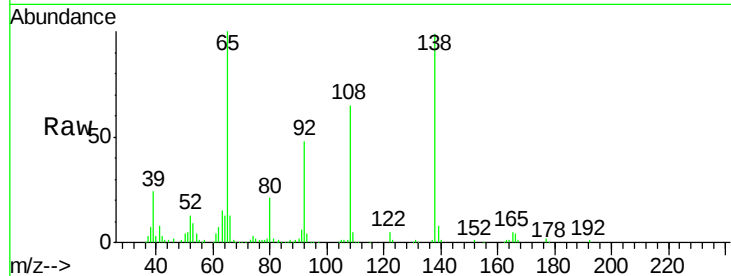
#61
4-Nitroaniline
Concen: 44.136 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	65.8	52.5	92.5

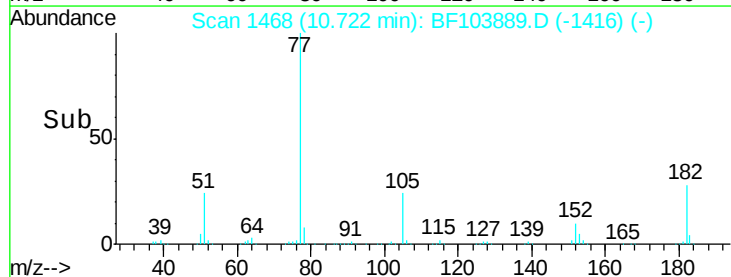
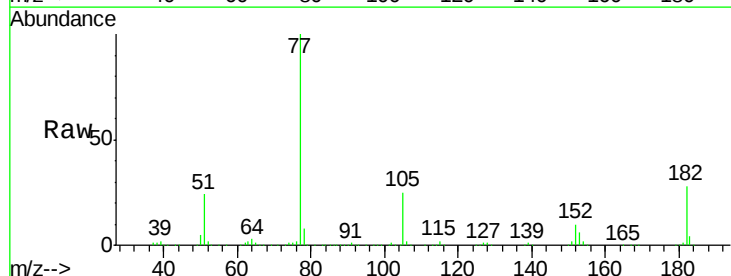
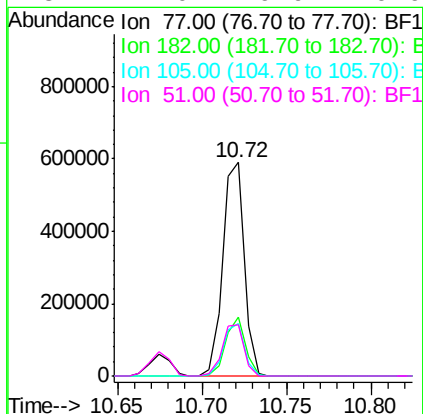
Manual Integrations
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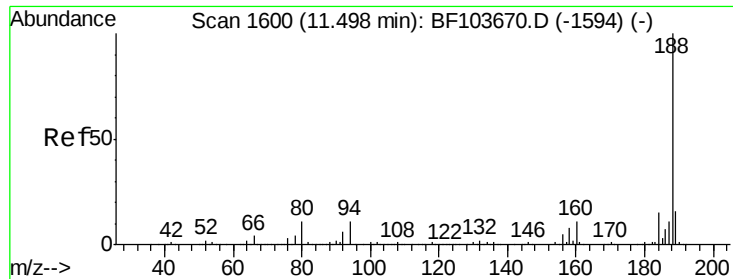
Sohil
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#62
Azobenzene
Concen: 32.068 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	1.7	41.7
105	24.5	3.0	43.0
51	24.0	9.9	49.9





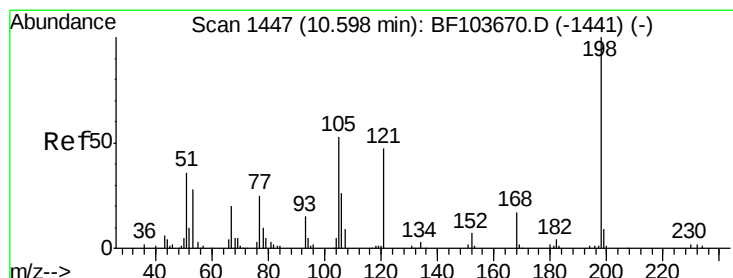
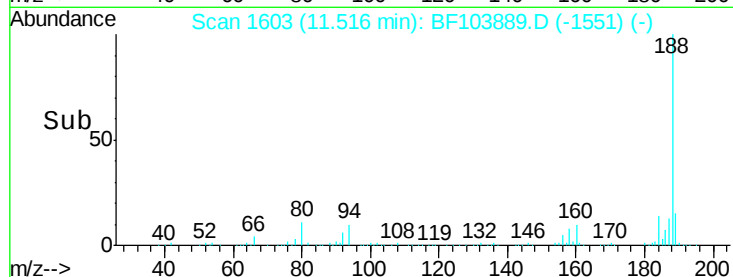
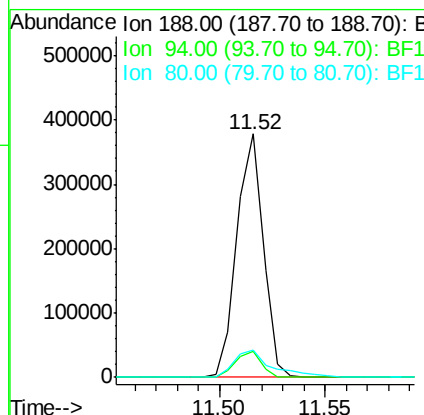
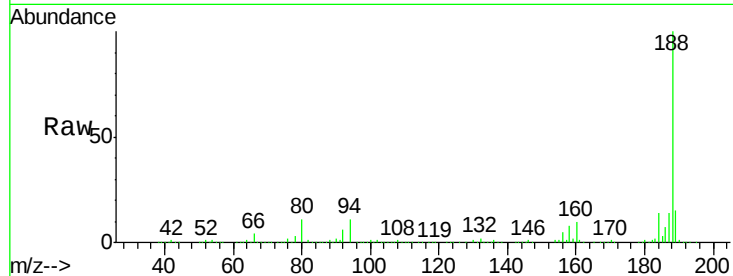
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.5	9.2	13.8

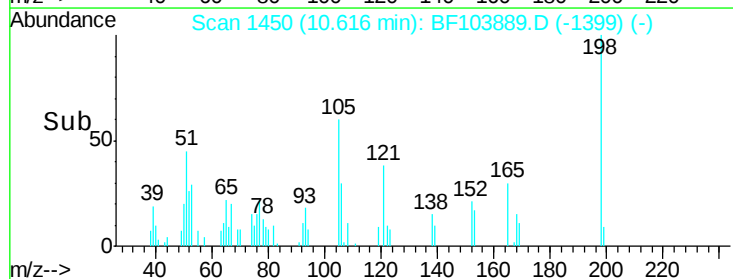
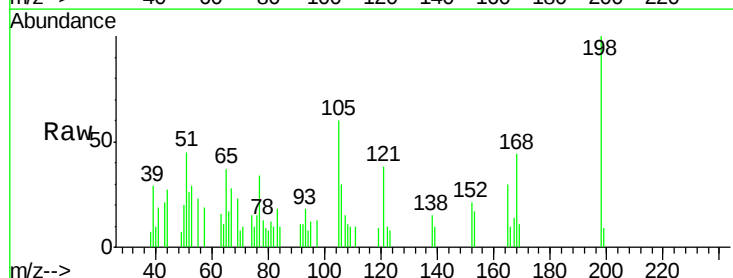
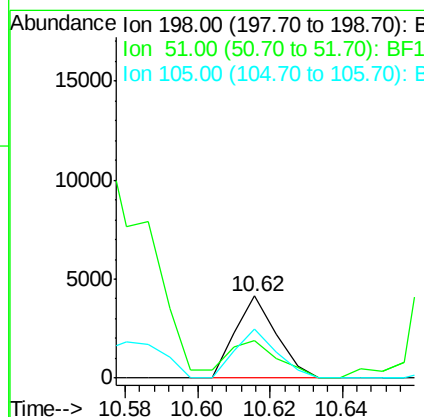
Manual Integrations
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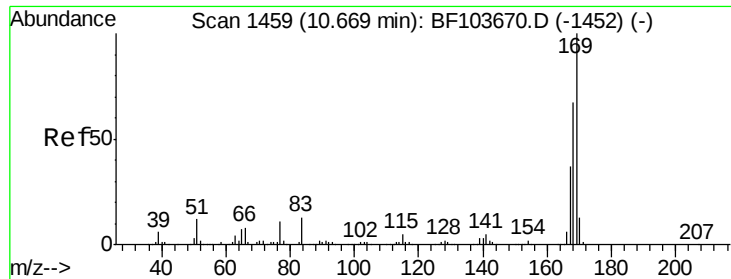
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.041 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.4	37.7	77.7
105	60.4	36.3	76.3





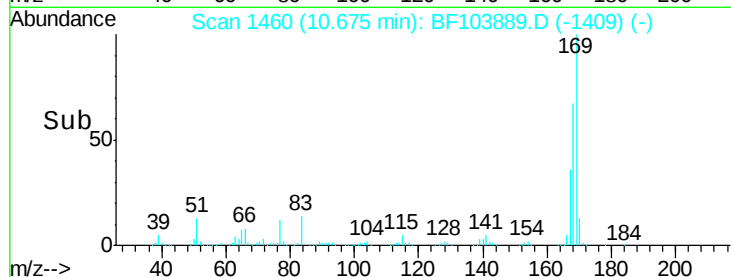
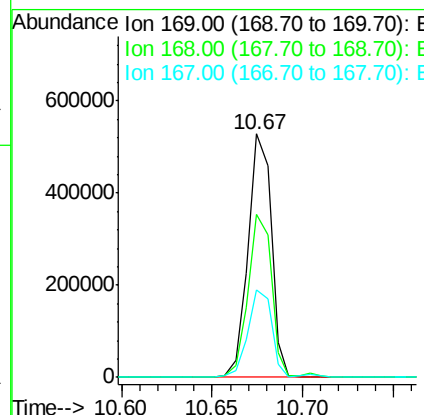
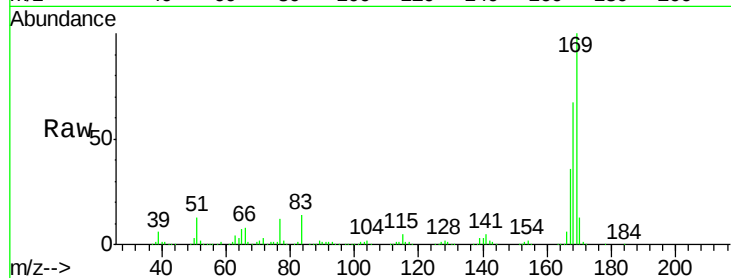
#65
n-Nitrosodiphenylamine
Concen: 42.623 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	473493		
168	67.1		54.4	81.6
167	36.2		29.8	44.6

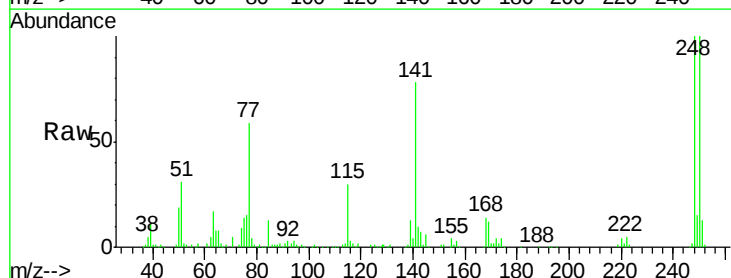
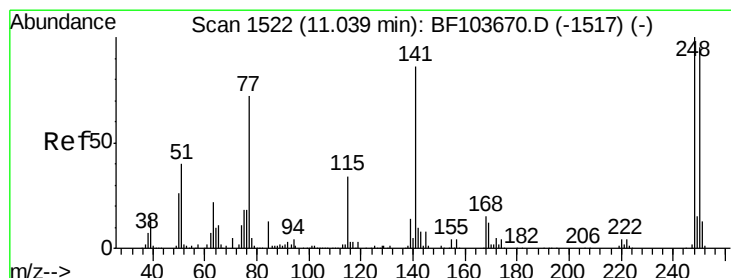
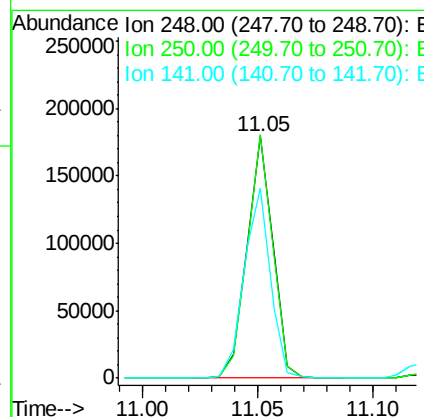
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 42.084 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	141021		
250	100.5		76.9	115.3
141	78.4		74.4	111.6





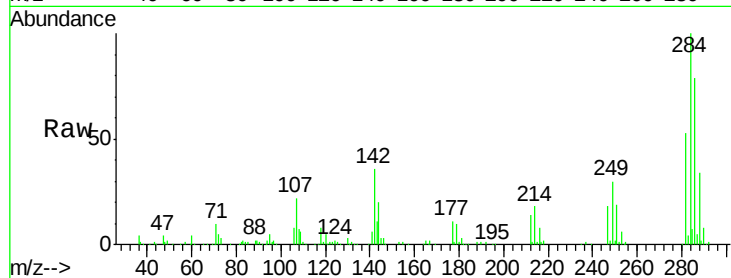
#67
Hexachlorobenzene
Concen: 39.191 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

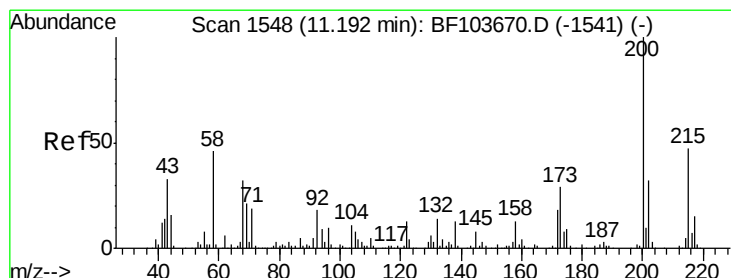
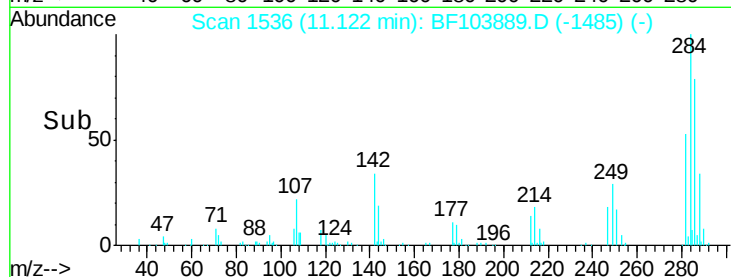
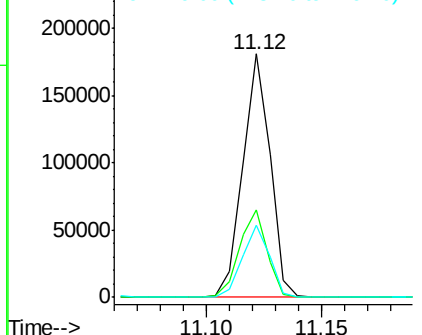
Tot Ion	Ratio	Resp	Lower	Upper
284	100	149890		
142	36.1	34.6	52.0	
249	29.8	24.8	37.2	

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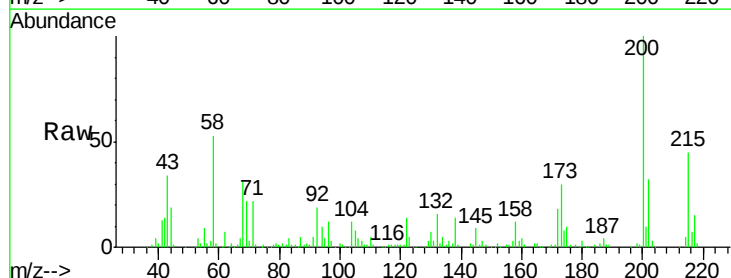


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

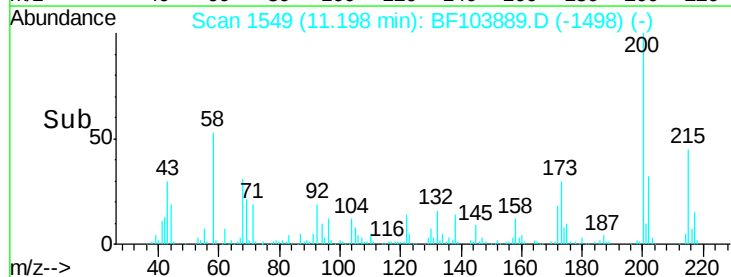
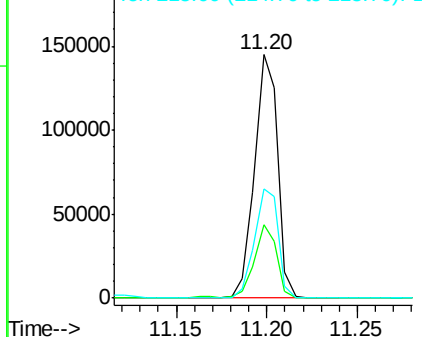


#68
Atrazine
Concen: 37.331 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	128287		
173	30.0	8.6	48.6	
215	44.9	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





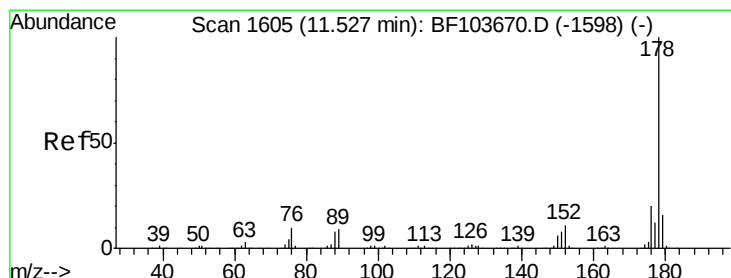
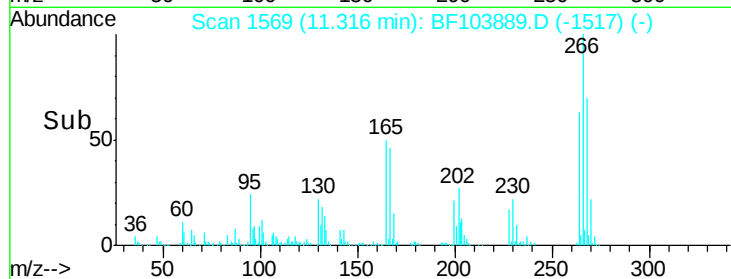
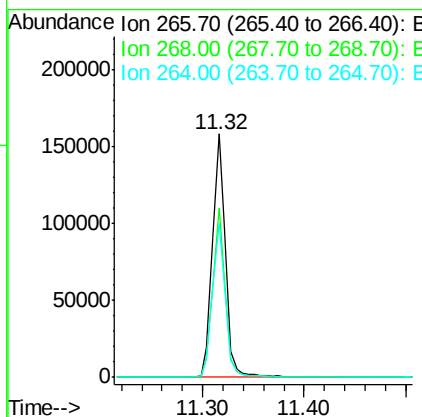
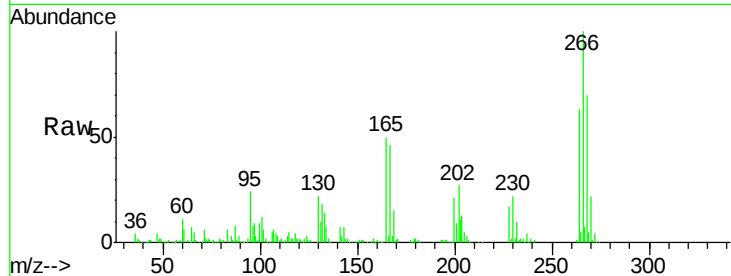
#69
 Pentachlorophenol
 Concen: 64.919 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion:	266	Resp:	142743
Ion Ratio	Lower	Upper	
266	100		
268	69.8	51.1	76.7
264	63.4	49.5	74.3

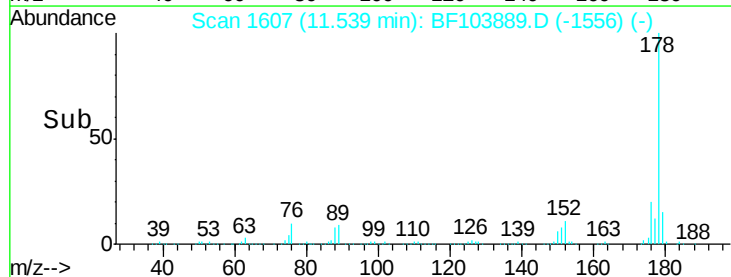
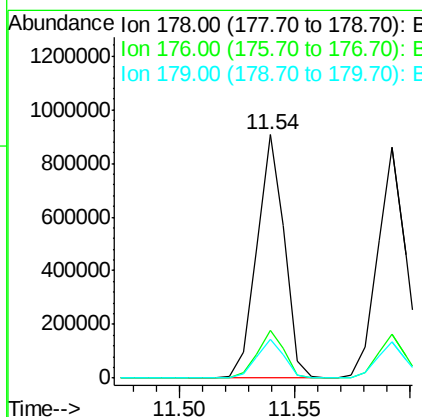
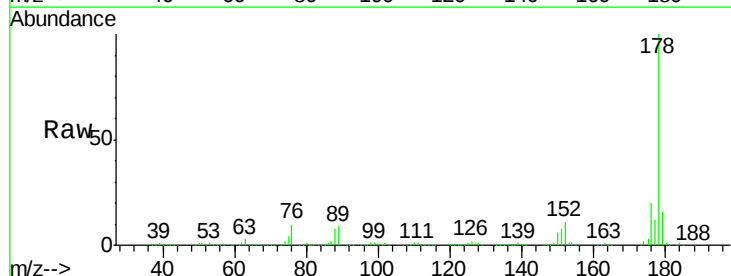
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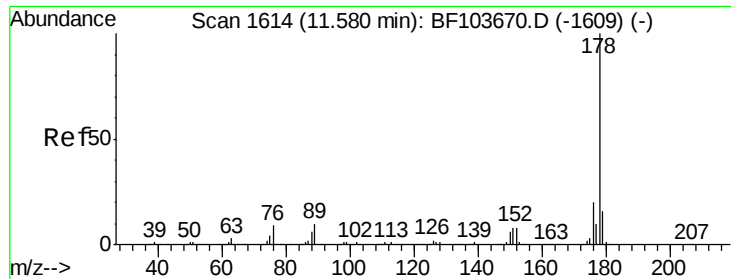
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#70
 Phenanthrene
 Concen: 42.001 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:	178	Resp:	749850
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6





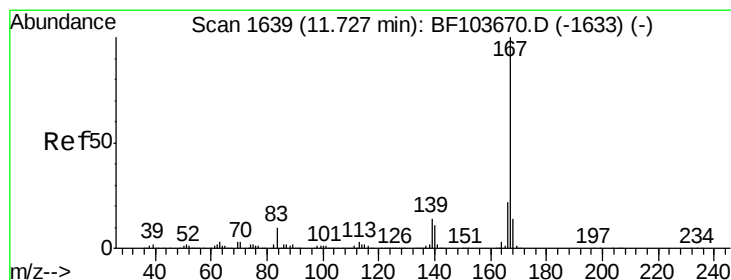
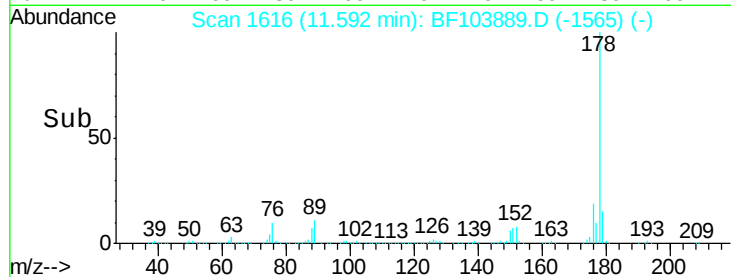
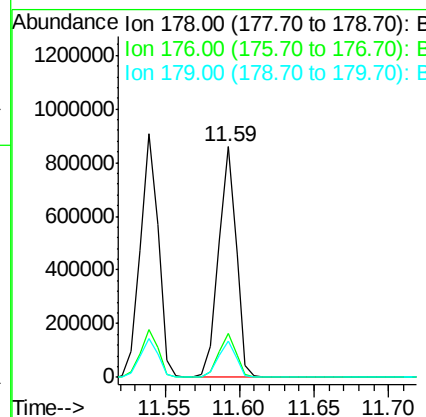
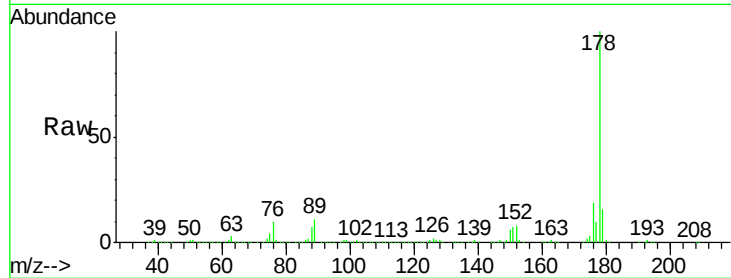
#71
 Anthracene
 Concen: 39.248 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	12.6	19.0

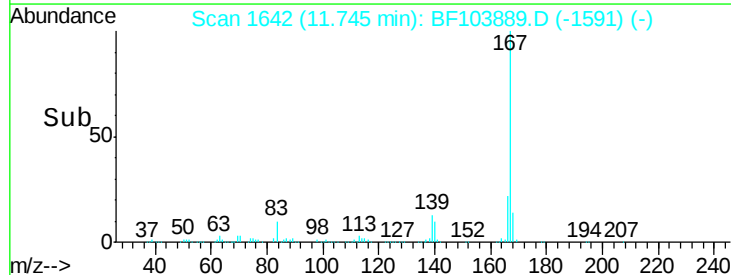
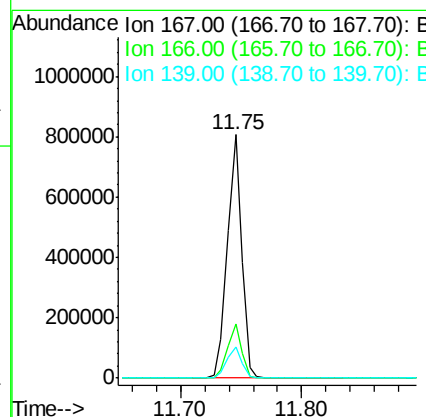
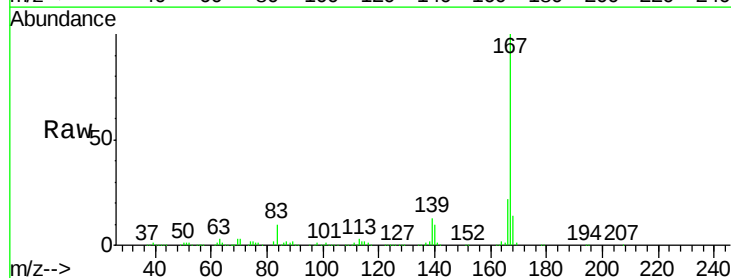
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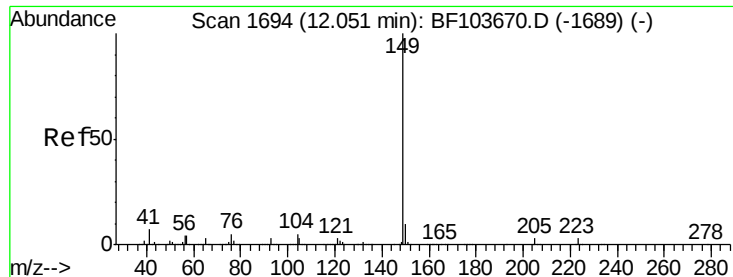
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#72
 Carbazole
 Concen: 37.504 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.914 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

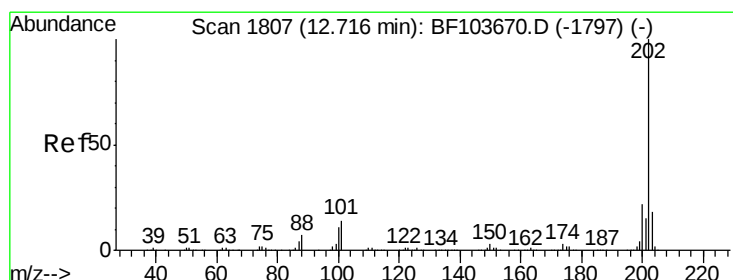
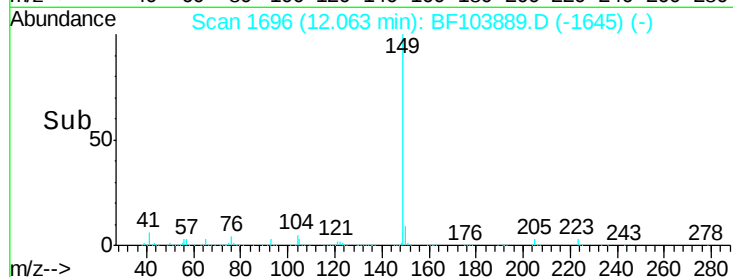
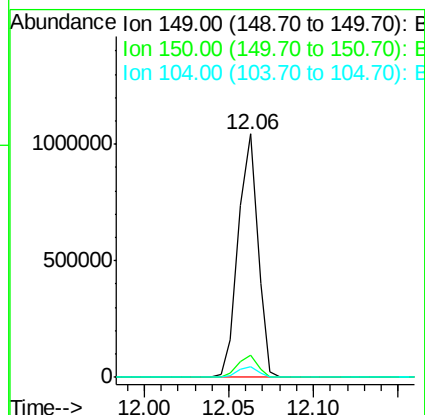
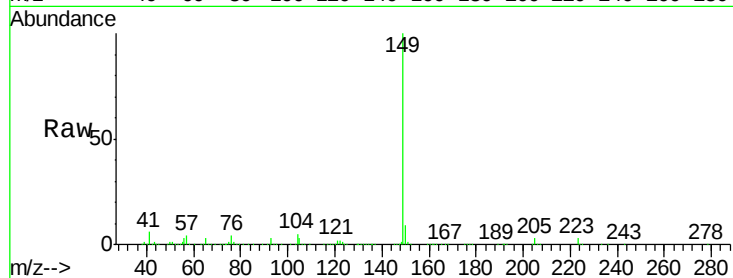
ClientSampled :

S-1MSD

Tot Ion:	149	Resp:	844046
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 44.797 ng

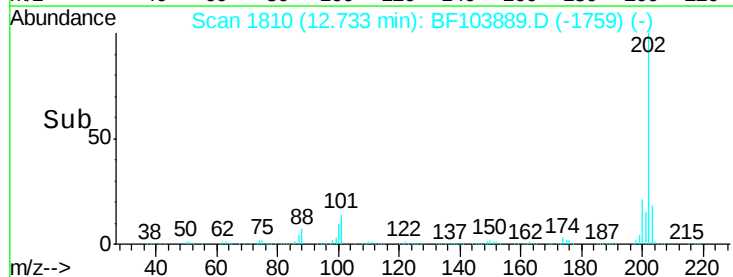
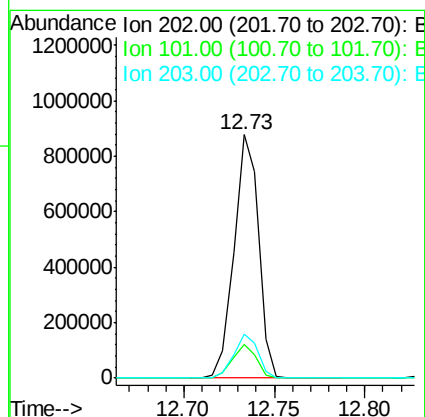
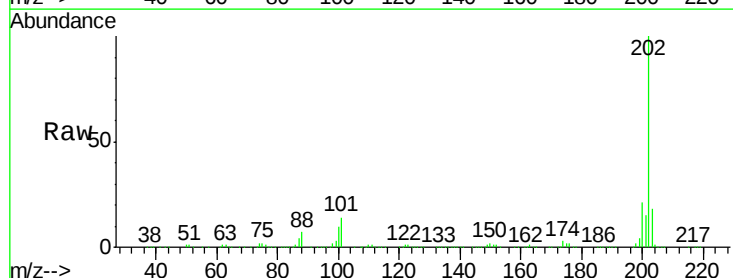
RT: 12.73 min Scan# 1810

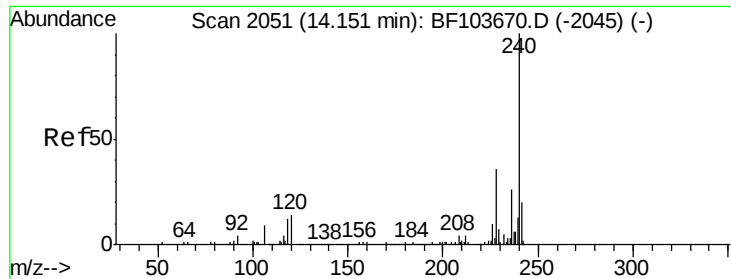
Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	202	Resp:	823933
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

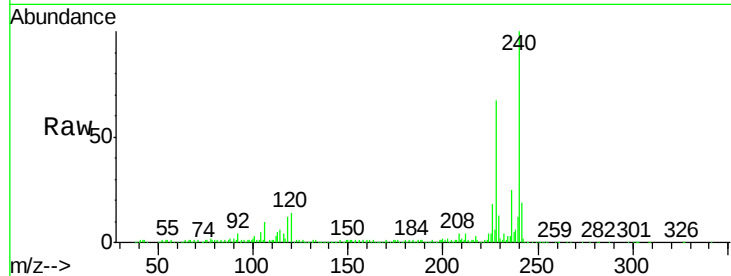
ClientSampleId :

S-1MSD

Tot Ion:	240	Resp:	244700
Ion Ratio		Lower	Upper
240	100		
120	14.3	9.5	14.3
236	25.0	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.17

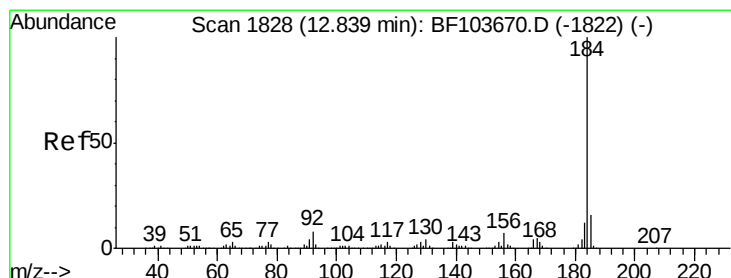
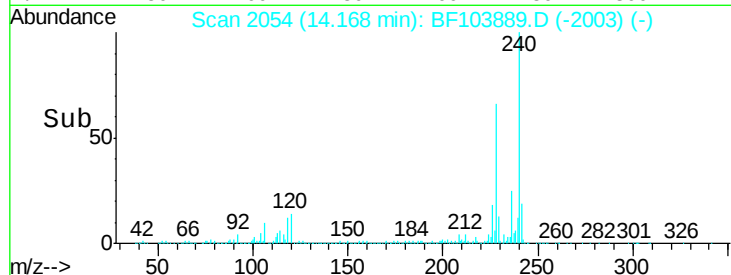
300000

200000

100000

0

Time--> 14.10 14.20



#76

Benzidine

Concen: 35.897 ng

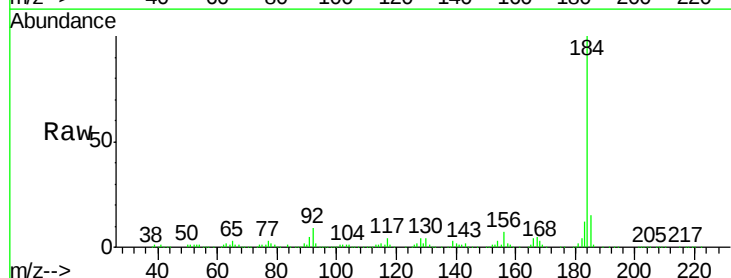
RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	184	Resp:	374638
Ion Ratio		Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.8	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.85

500000

400000

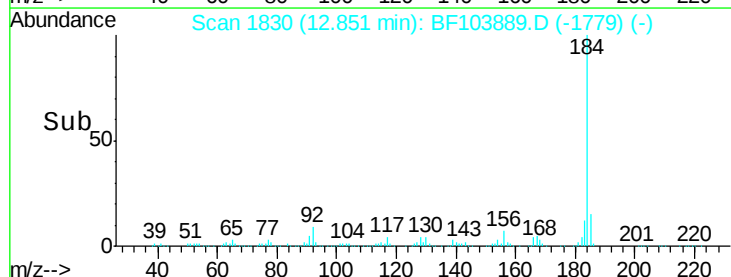
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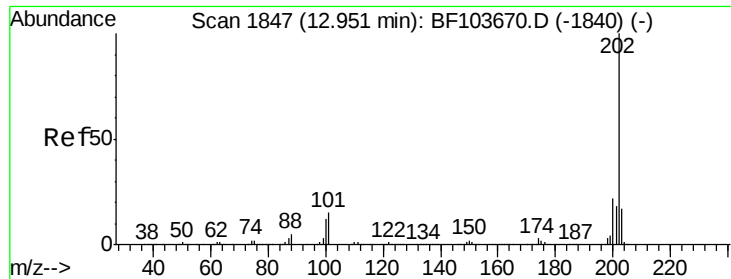
200000

100000

0

Time--> 12.80 12.90





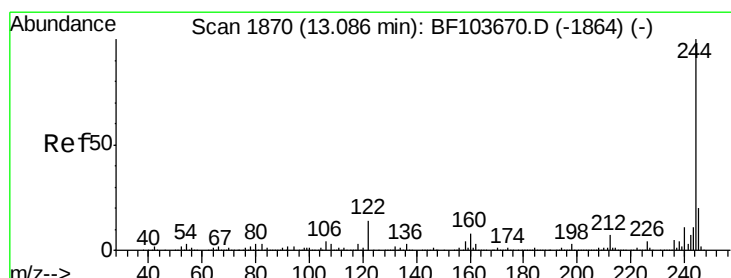
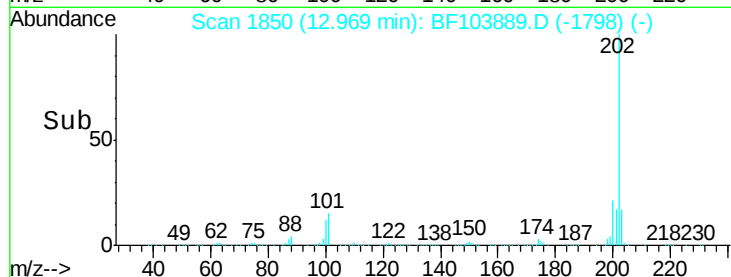
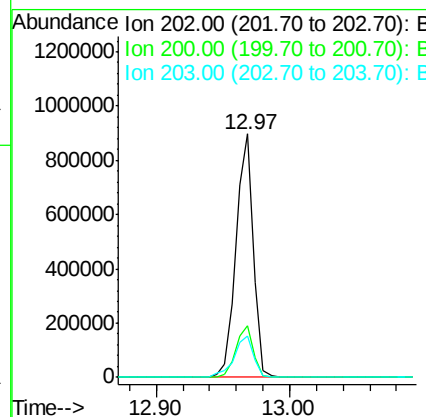
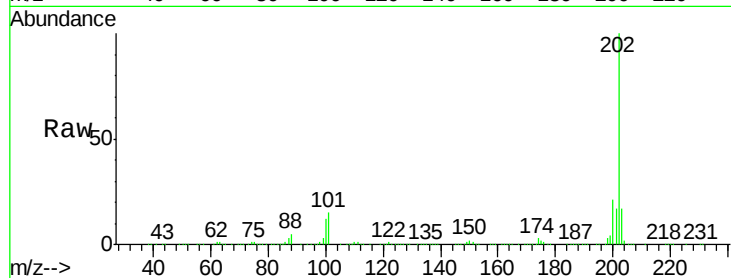
#77
Pvrene
Concen: 45.608 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.1	14.3	21.5

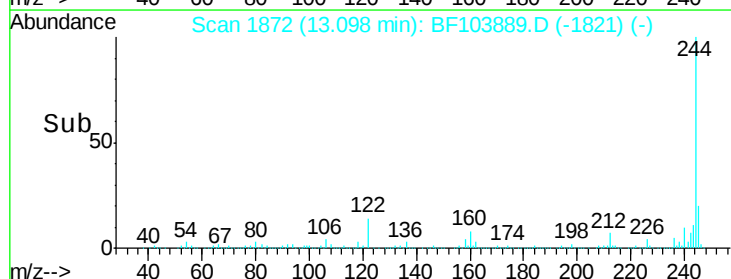
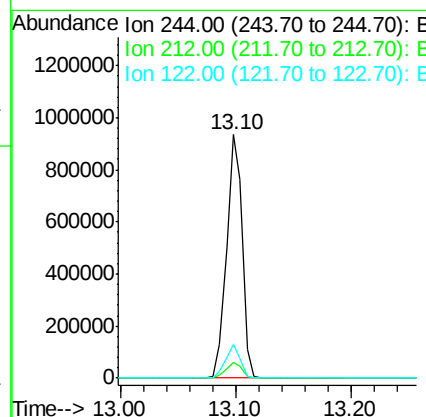
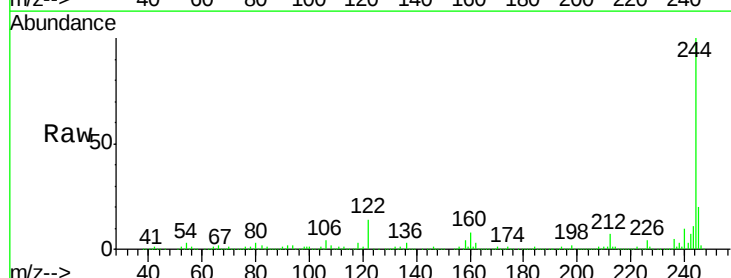
Manual Integrations
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#78
Terphenyl-d14
Concen: 82.657 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.6	11.0	16.4





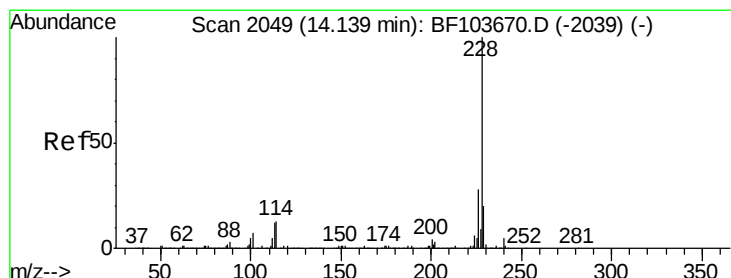
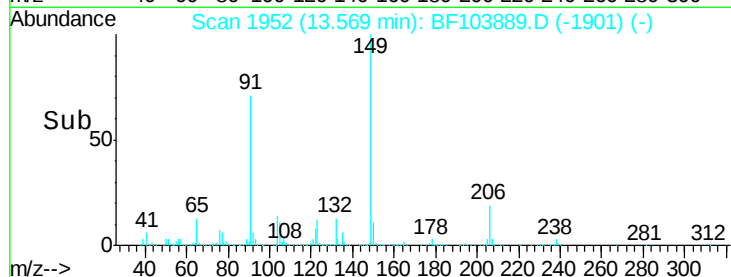
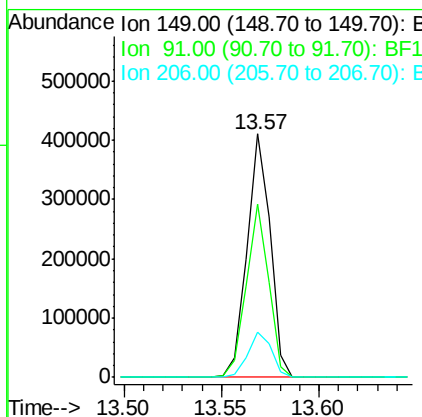
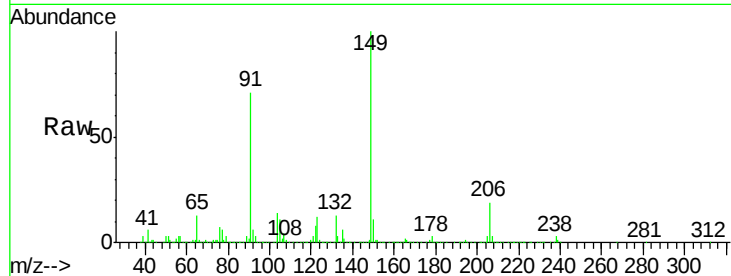
#79
Butylbenzylphthalate
Concen: 42.257 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	336449		
91	70.9	56.8	85.2	
206	18.8	14.1	21.1	

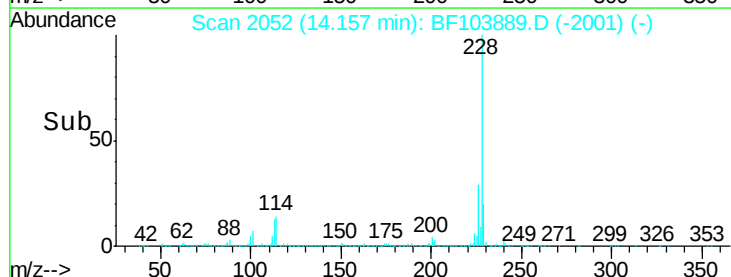
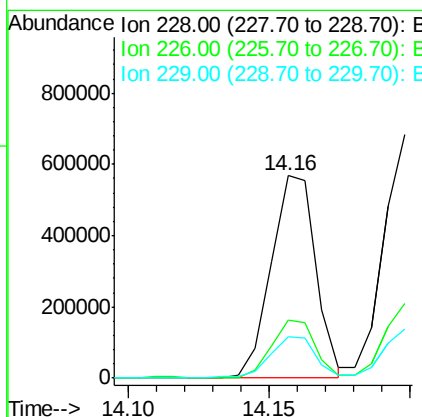
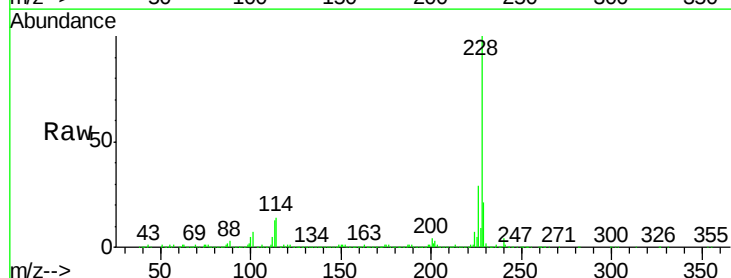
Manual Integrations
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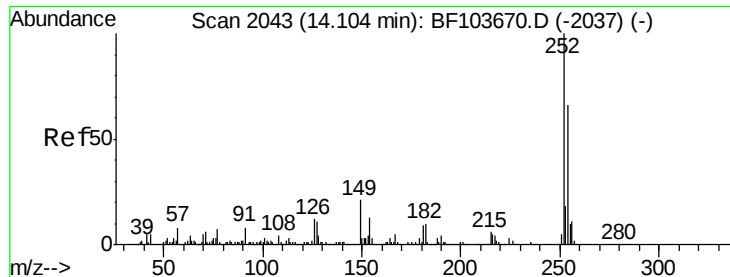
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#80
Benzo(a)anthracene
Concen: 40.078 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	620779		
226	28.6	22.6	33.8	
229	20.6	15.8	23.6	





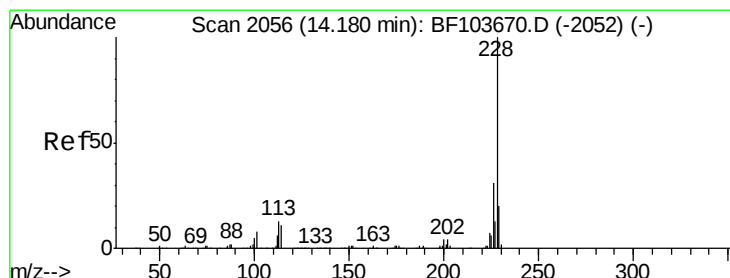
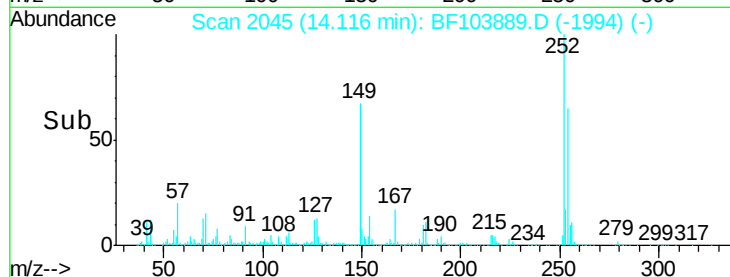
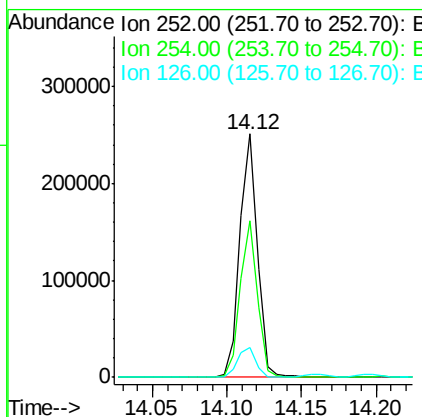
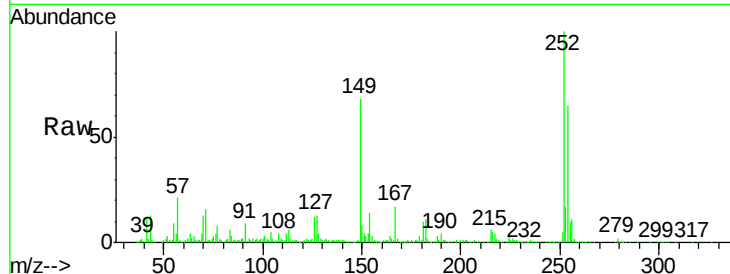
#81
3,3'-Dichlorobenzidine
Concen: 40.352 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	209068		
254	64.5	50.4	75.6	
126	12.3	11.3	16.9	

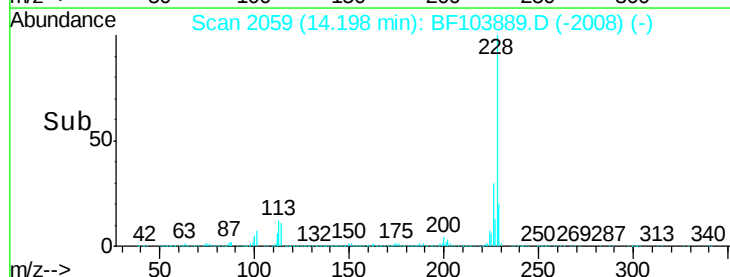
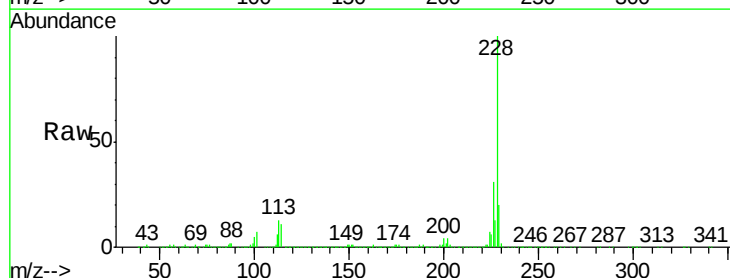
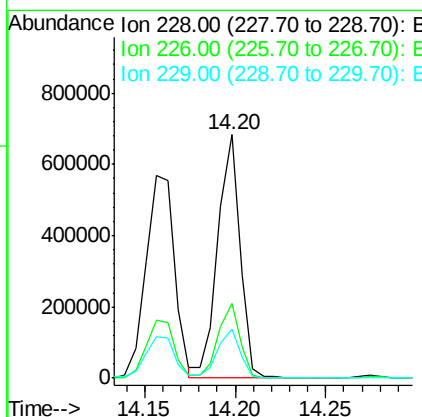
Manual Integrations
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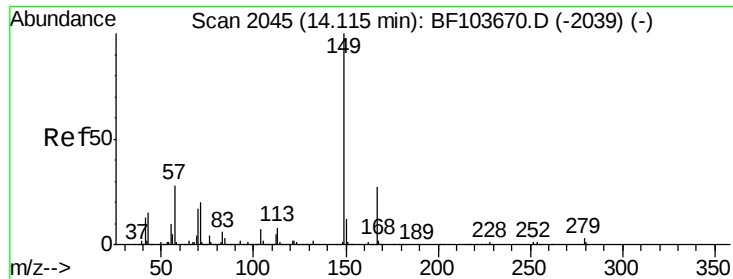
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#82
Chrysene
Concen: 39.430 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	582202		
226	30.6	25.0	37.6	
229	20.3	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.422 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

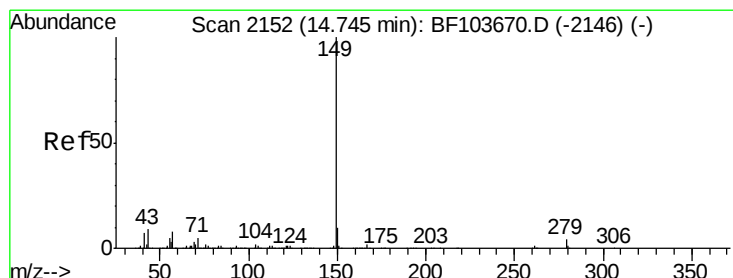
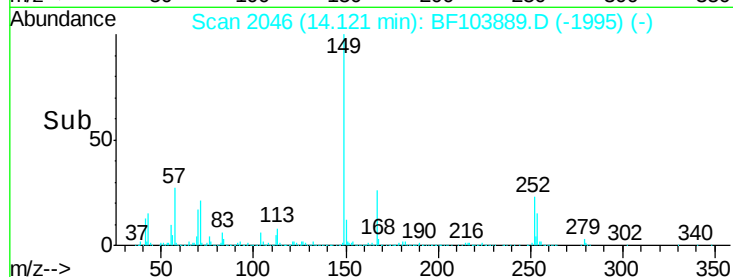
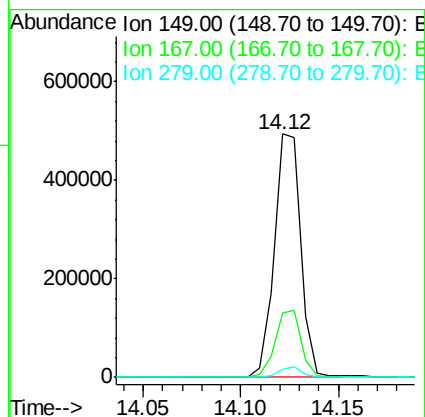
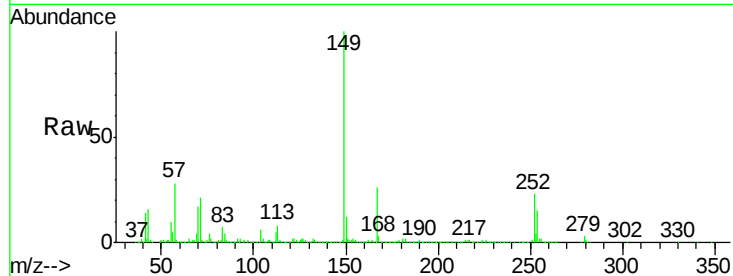
ClientSampleId :

S-1MSD

Tot Ion:	149	Resp:	459766
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.2	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 45.290 ng

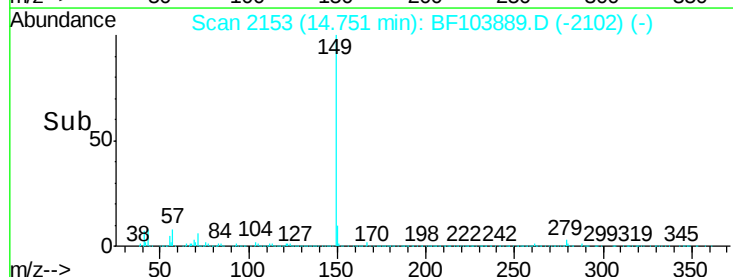
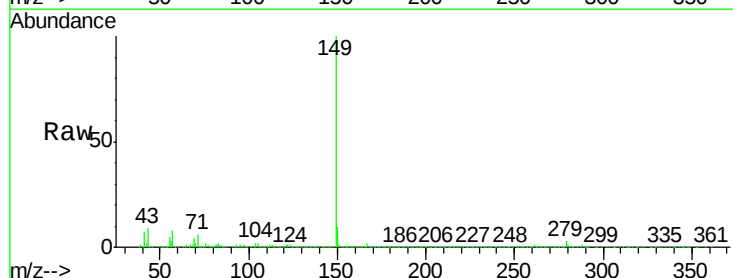
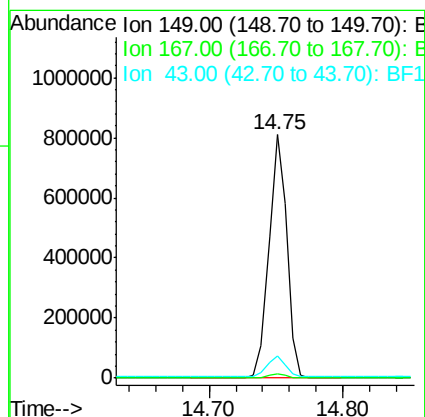
RT: 14.75 min Scan# 2153

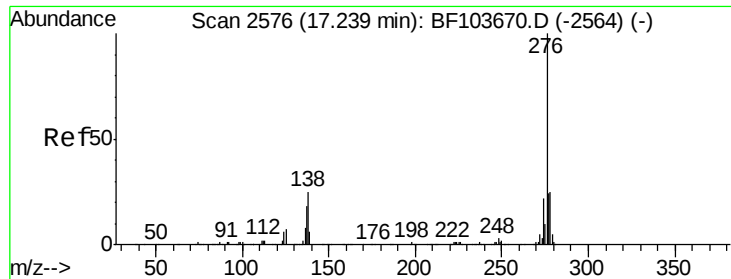
Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	149	Resp:	749430
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.0	8.4	12.6





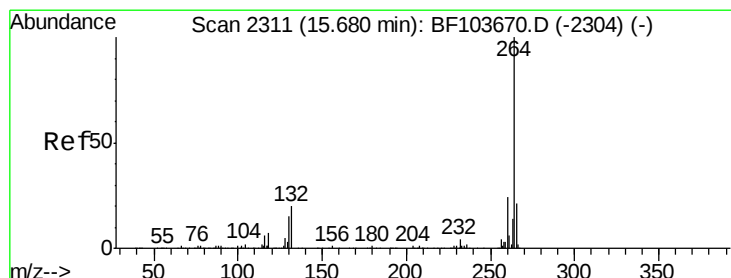
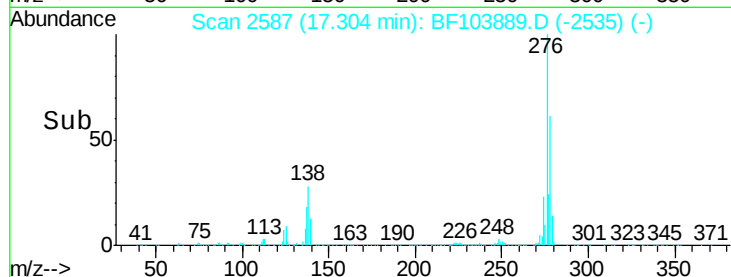
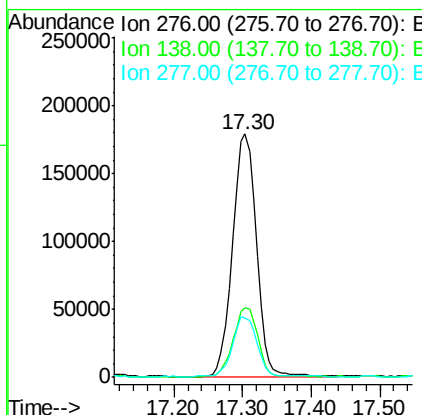
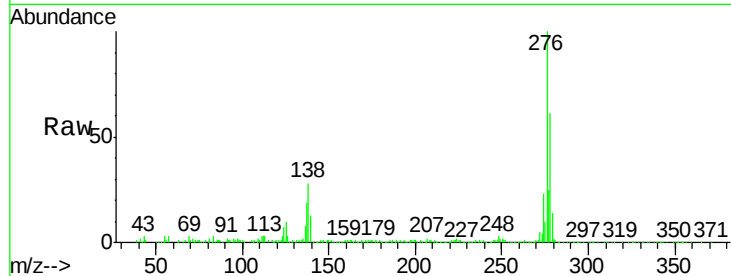
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.646 ng
 RT: 17.30 min Scan# 2587
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	24.5	20.1	30.1

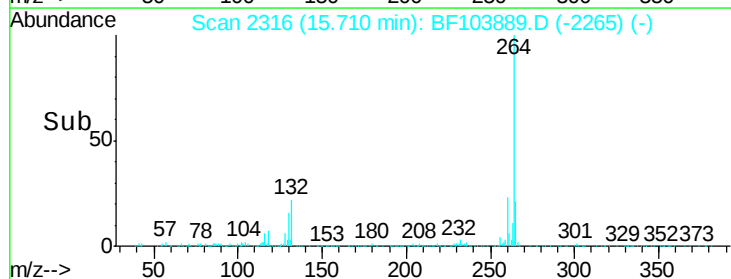
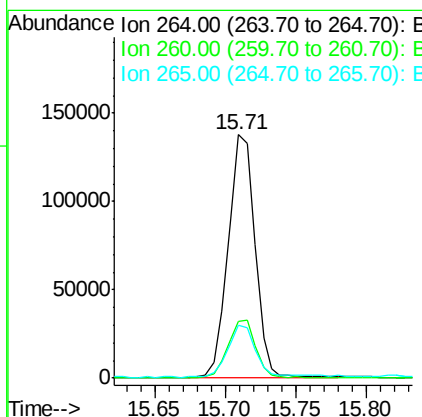
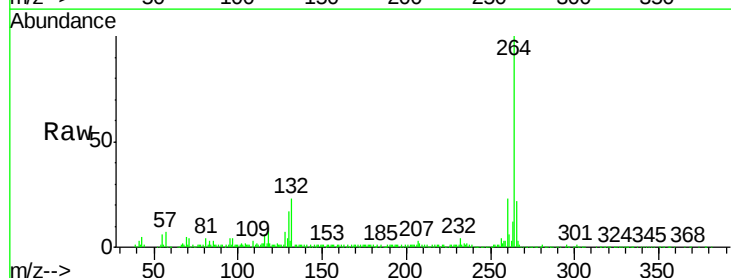
Manual Integrations
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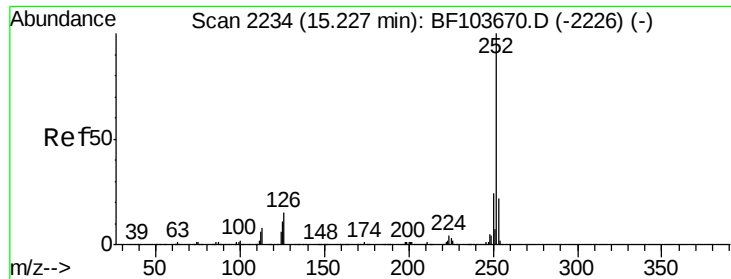
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3





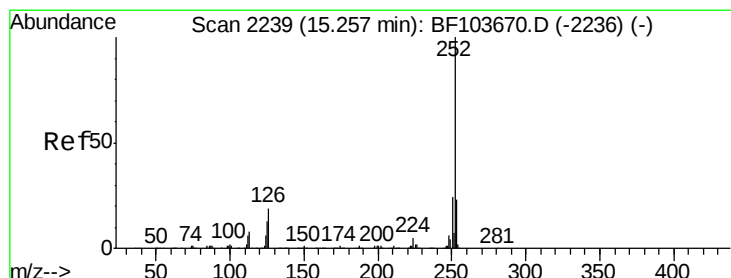
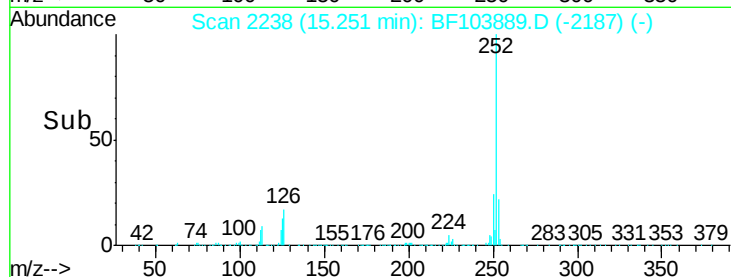
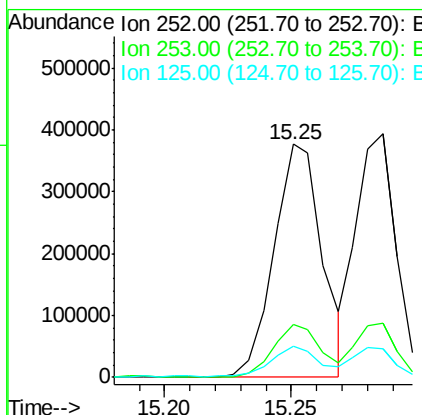
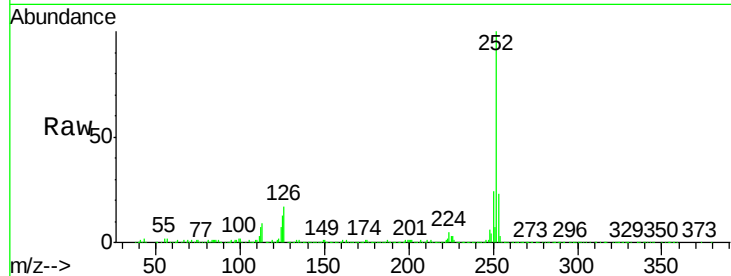
#87
Benzo(b)fluoranthene
Concen: 43.341 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	13.2	9.0	13.6

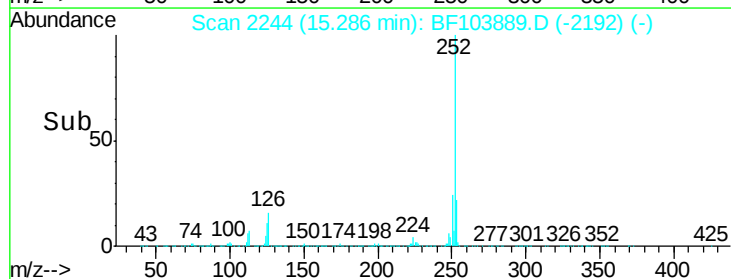
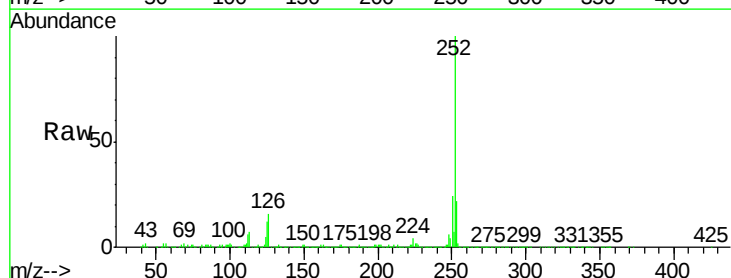
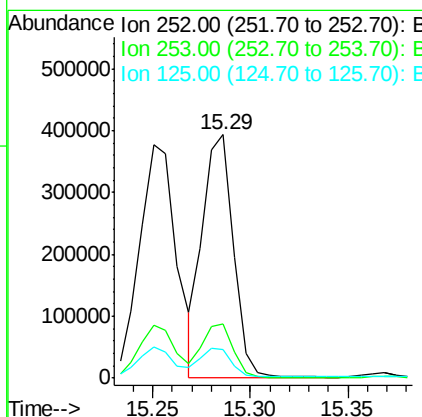
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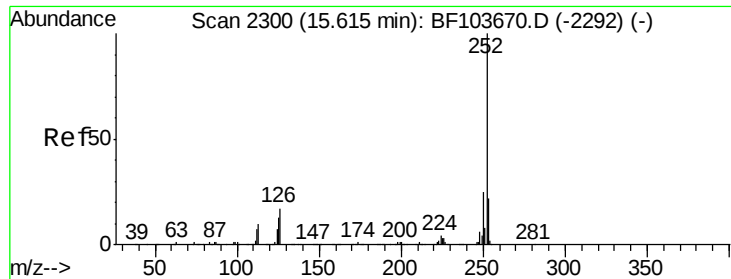
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#88
Benzo(k)fluoranthene
Concen: 38.813 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.6	10.2	15.2





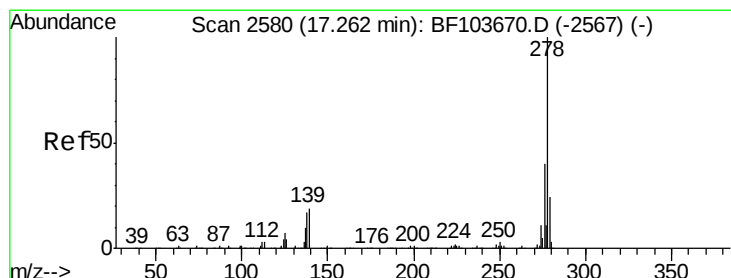
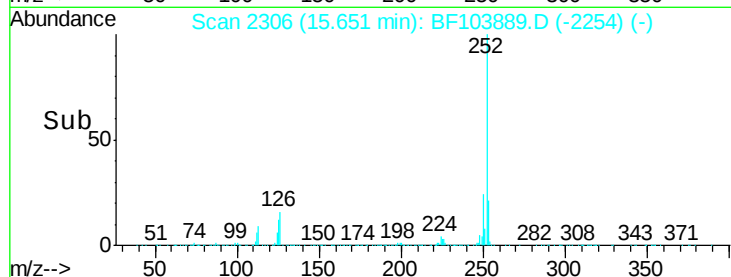
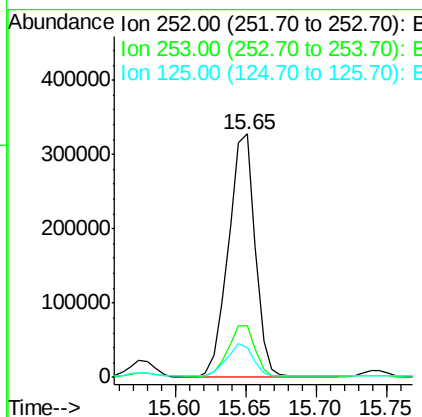
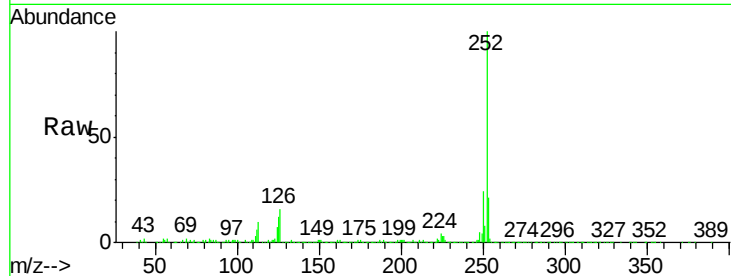
#89
Benzo(a)pyrene
Concen: 41.578 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	12.4	9.8	14.6

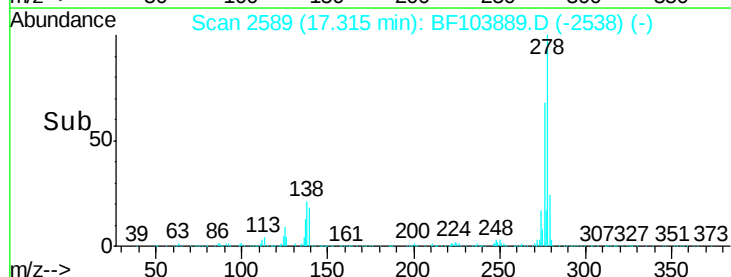
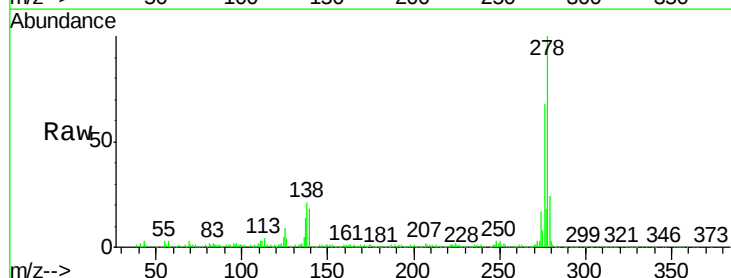
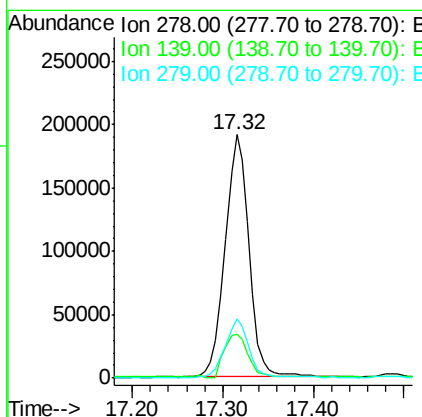
Manual Integrations
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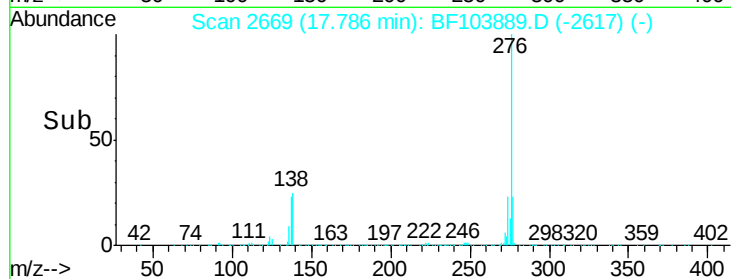
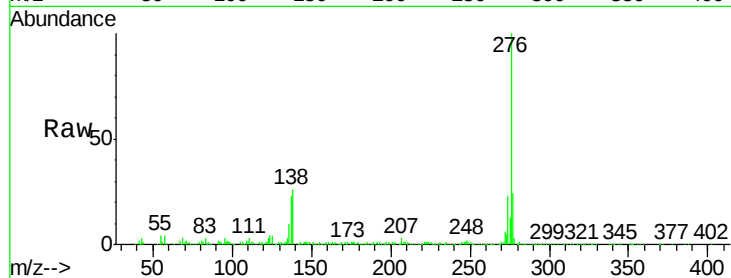
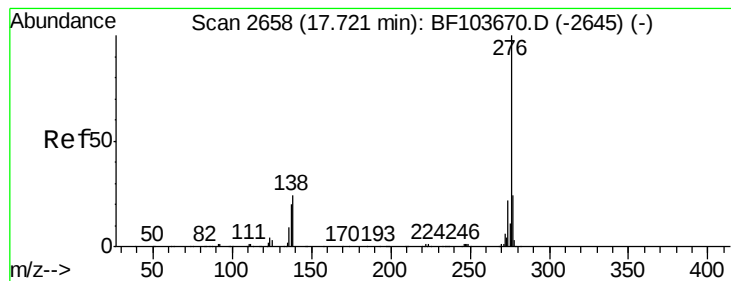
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#90
Dibenzo(a,h)anthracene
Concen: 38.588 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	24.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.933 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion:	276	Resp:	351001
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	25.6	21.8	32.8

Manual Integrations
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