

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110159.D
 Acq On : 25 Oct 2018 14:06
 Operator : JU/SJ
 Sample : J5618-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Manual Integrations
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Sohil
 10/26/2018 3:49:15 PM

Quant Time: Oct 26 03:45:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	181525	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	708235	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	324588	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	555366	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	285735	20.00	ng	-0.01
87) Perylene-d12	15.68	264	296887	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1352168	121.30	ng	0.00
7) Phenol-d6	6.60	99	1753285	122.97	ng	0.00
23) Nitrobenzene-d5	7.54	82	1107197	92.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	397462	123.62	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1824123	88.25	ng	-0.01
79) Terphenyl-d14	13.09	244	1357249	98.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	152547	26.120	ng	90
3) Pyridine	3.67	79	422045	32.445	ng	# 86
4) n-Nitrosodimethylamine	3.63	42	244592	44.881	ng	# 94
6) Aniline	6.64	93	394007	21.214	ng	# 53
8) 2-Chlorophenol	6.76	128	519050	40.388	ng	96
9) Benzaldehyde	6.52	77	276370	31.389	ng	96
10) Phenol	6.62	94	753553	49.443	ng	# 67
11) bis(2-Chloroethyl)ether	6.71	93	487297	38.863	ng	97
12) 1,3-Dichlorobenzene	6.91	146	528052	37.336	ng	99
13) 1,4-Dichlorobenzene	6.99	146	537341	37.566	ng	98
14) 1,2-Dichlorobenzene	7.14	146	501426	37.762	ng	99
15) Benzyl Alcohol	7.11	79	462610	42.185	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	791566	39.483	ng	68
17) 2-Methylphenol	7.22	107	430984	42.079	ng	# 82
18) Hexachloroethane	7.48	117	198072	37.823	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	354969	38.807	ng	97
20) 3+4-Methylphenols	7.37	107	533674	40.310	ng	96
22) Acetophenone	7.38	105	697833	42.761	ng	96
24) Nitrobenzene	7.56	77	533639	43.288	ng	95
25) Isophorone	7.79	82	993516	48.812	ng	95
26) 2-Nitrophenol	7.87	139	275168	46.906	ng	95
27) 2,4-Dimethylphenol	7.90	122	482749	49.634	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	622285	45.004	ng	99
29) 2,4-Dichlorophenol	8.11	162	434669	44.236	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	457815	41.595	ng	96
31) Naphthalene	8.27	128	1480008	45.341	ng	99
32) Benzoic acid	8.01	122	162589	21.629	ng	84
33) 4-Chloroaniline	8.32	127	109308	7.441	ng	99
34) Hexachlorobutadiene	8.39	225	247657	40.525	ng	98
35) Caprolactam	8.70	113	149890m	43.765	ng	
36) 4-Chloro-3-methylphenol	8.80	107	463979	43.666	ng	94
37) 2-Methylnaphthalene	8.97	142	1007630	46.656	ng	99
38) 1-Methylnaphthalene	9.07	142	948007	45.423	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	417585	41.290	ng	98

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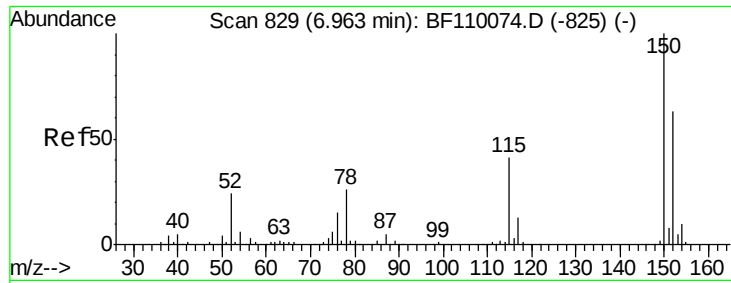
Manual Integrations
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Quant Time: Oct 26 03:45:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	393272	76.048	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	293024	44.921	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	305041	44.240	nq	95
46) 1,1'-Biphenyl	9.43	154	1179229	40.175	nq	98
47) 2-Chloronaphthalene	9.46	162	905691	42.065	nq	99
48) 2-Nitroaniline	9.56	65	286580	43.924	nq	94
49) Acenaphthylene	9.88	152	1395971	44.889	nq	98
50) Dimethylphthalate	9.73	163	1293355	53.979	nq	99
51) 2,6-Dinitrotoluene	9.80	165	231899	44.932	nq	97
52) Acenaphthene	10.05	154	862073	41.903	nq	99
53) 3-Nitroaniline	9.97	138	124838	20.340	nq	85
54) 2,4-Dinitrophenol	10.07	184	100348	50.996	nq	89
55) Dibenzofuran	10.22	168	1213309	42.123	nq	100
56) 4-Nitrophenol	10.13	139	499229	109.901	nq	97
57) 2,4-Dinitrotoluene	10.20	165	303795	46.341	nq	91
58) Fluorene	10.57	166	948133	44.229	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	245884	43.750	nq	94
60) Diethylphthalate	10.43	149	1004466	42.946	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	448877	39.693	nq	97
62) 4-Nitroaniline	10.59	138	214709	35.173	nq	93
63) Azobenzene	10.72	77	971821	41.859	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	87065	34.314	nq	96
66) n-Nitrosodiphenylamine	10.67	169	837014	45.949	nq	96
67) 4-Bromophenyl-phenylether	11.04	248	272105	45.169	nq	93
68) Hexachlorobenzene	11.12	284	272479	42.630	nq	98
69) Atrazine	11.20	200	254559	44.220	nq	99
70) Pentachlorophenol	11.31	266	254638	68.321	nq	96
71) Phenanthrene	11.53	178	1403861	48.310	nq	99
72) Anthracene	11.59	178	1321211	45.360	nq	99
73) Carbazole	11.74	167	1101675	38.737	nq	100
74) Di-n-butylphthalate	12.06	149	1415608	44.073	nq	99
75) Fluoranthene	12.73	202	1238617	41.999	nq	98
77) Benzidine	12.84	184	218734	21.574	nq	97
78) Pyrene	12.96	202	1156608	56.462	nq	99
80) Butylbenzylphthalate	13.56	149	451308	50.759	nq	100
81) Benzo(a)anthracene	14.14	228	832901	49.154	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	169981	28.808	nq	99
83) Chrysene	14.18	228	772028	47.970	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	597320	49.697	nq	97
85) Di-n-octyl phthalate	14.73	149	912005	48.799	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	858243	64.280	nq	95
88) Benzo(b)fluoranthene	15.23	252	817219	47.668	nq	100
89) Benzo(k)fluoranthene	15.26	252	742658m	44.063	nq	
90) Benzo(a)pyrene	15.62	252	774726	49.110	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	704753	51.775	nq	98
92) Benzo(g,h,i)perylene	17.73	276	682681	50.896	nq	97

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



#1

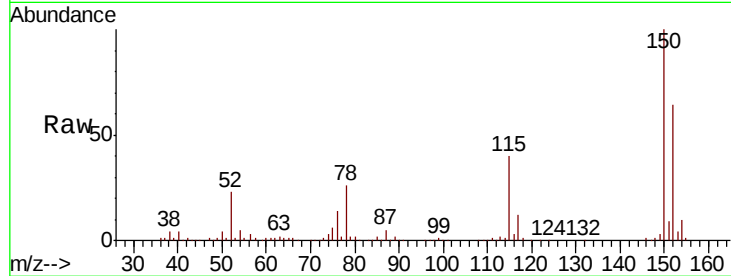
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	62.1	49.1	73.7

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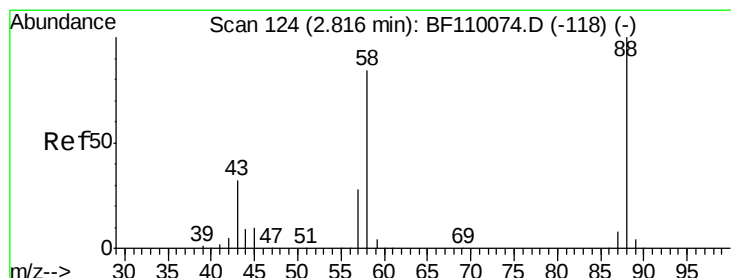
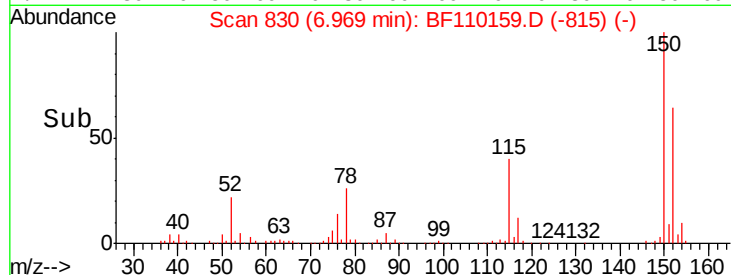
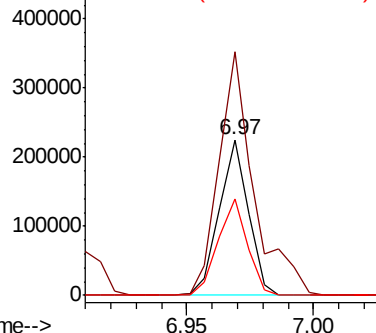


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.120 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

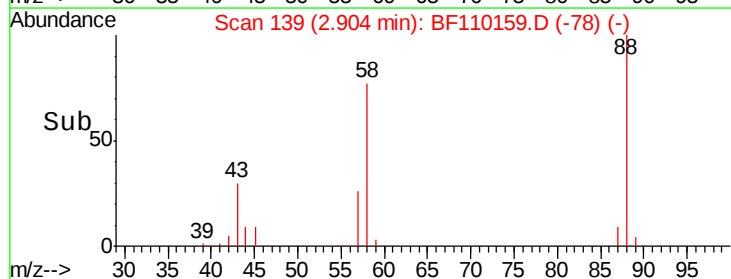
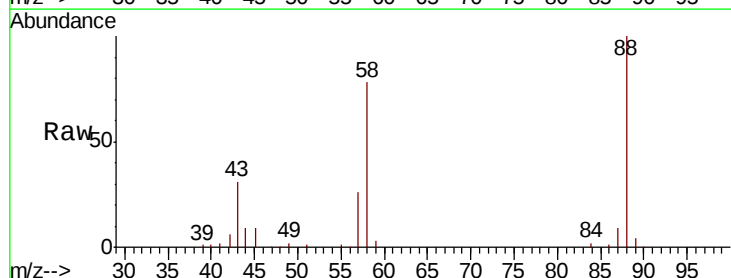
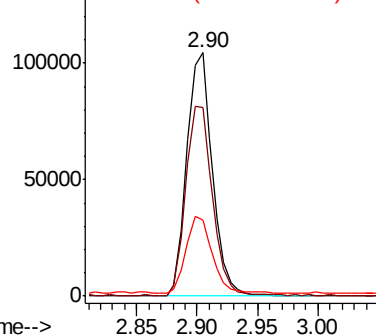
Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	57.1	85.7
43	32.6	24.1	36.1

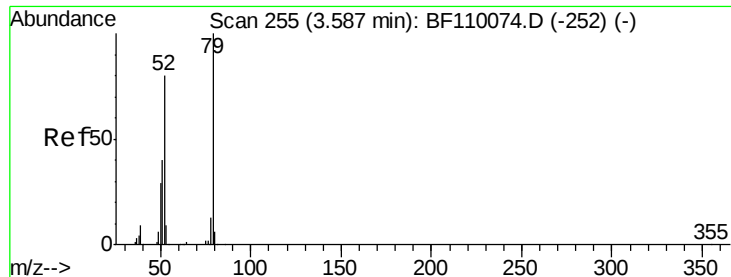
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.445 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.06 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

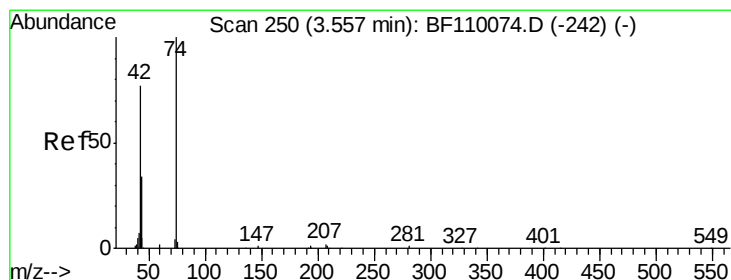
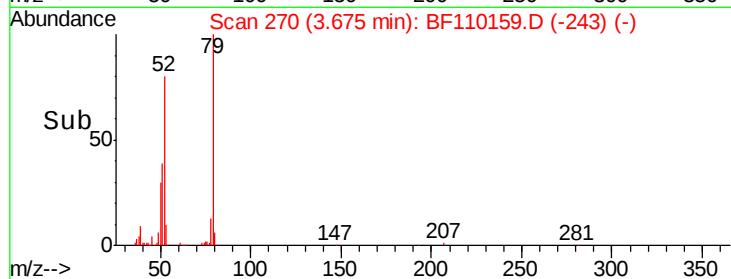
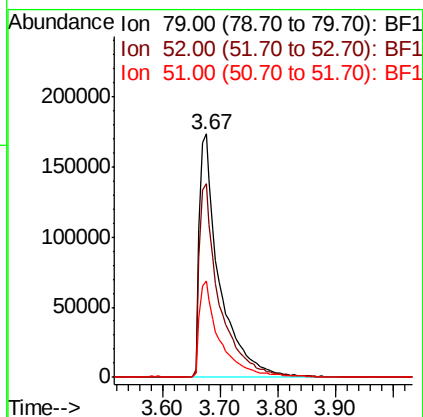
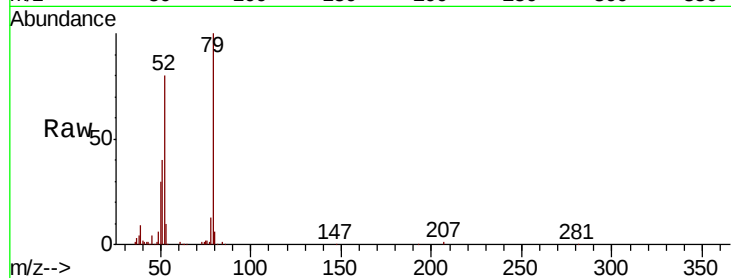
ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:	79	Resp:	422045
Ion Ratio	Lower	Upper	
79	100		
52	79.8	53.1	79.7#
51	39.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 44.881 ng

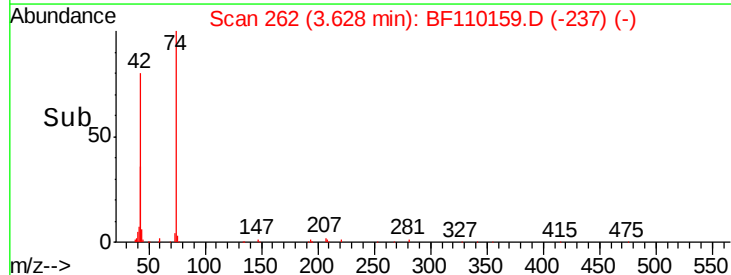
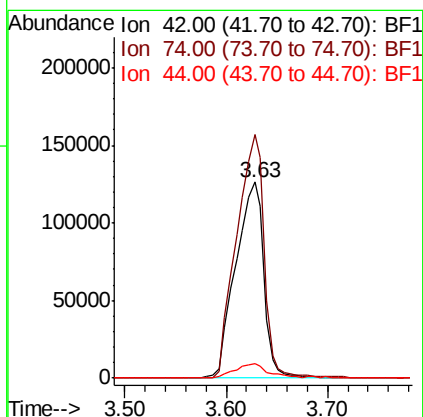
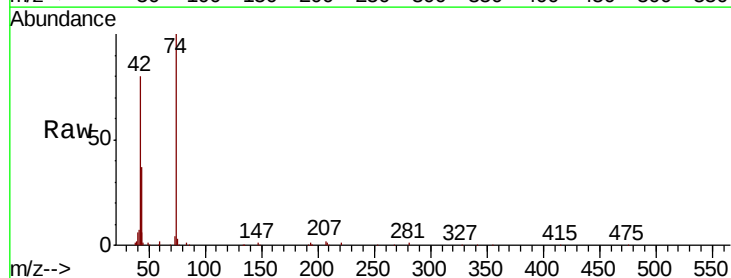
RT: 3.63 min Scan# 262

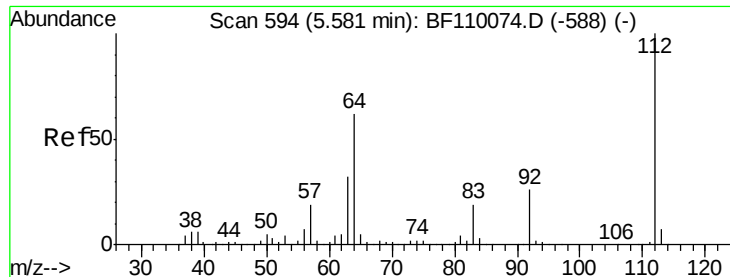
Delta R.T. 0.05 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:	42	Resp:	244592
Ion Ratio	Lower	Upper	
42	100		
74	124.4	105.5	158.3
44	7.3	4.9	7.3#





#5

2-Fluorophenol

Concen: 121.302 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:112 Resp: 1352168

Ion Ratio Lower Upper

112 100

64 61.2 44.1 66.1

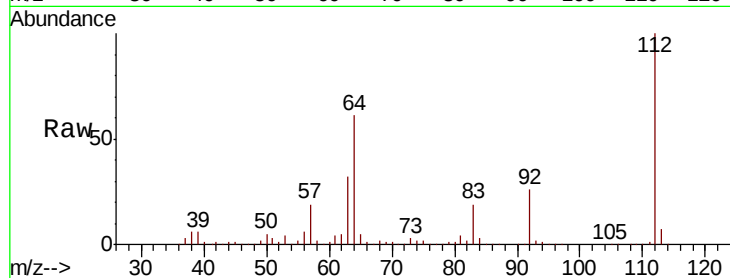
63 32.1 23.7 35.5

Manual Integrations

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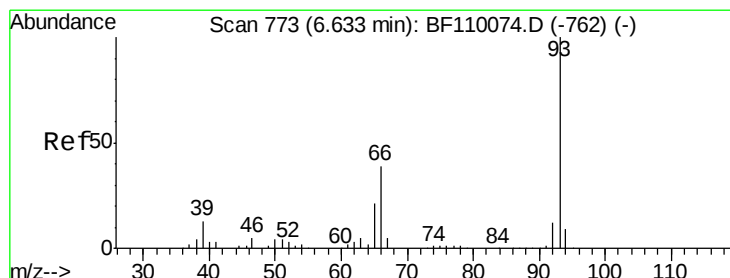
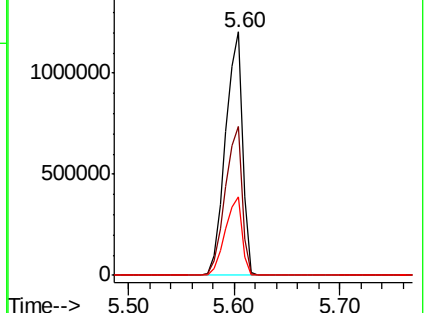
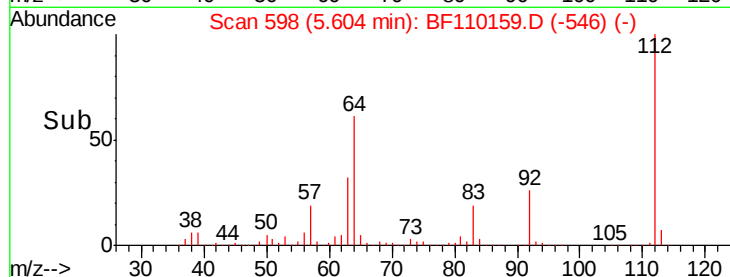
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.214 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

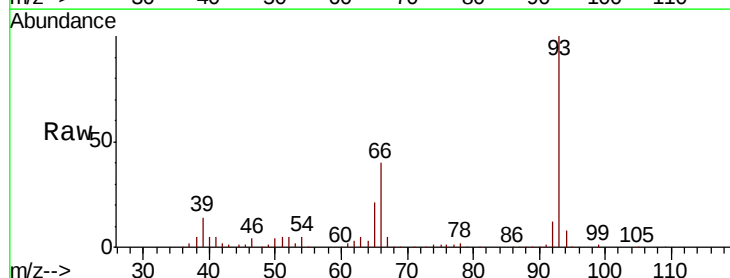
Tgt Ion: 93 Resp: 394007

Ion Ratio Lower Upper

93 100

66 40.0 67.4 101.0#

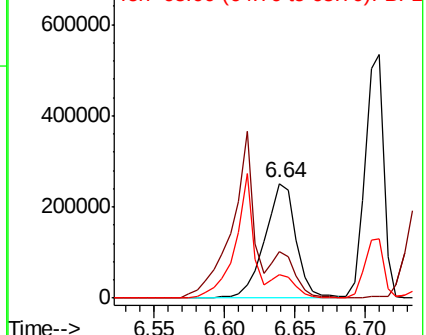
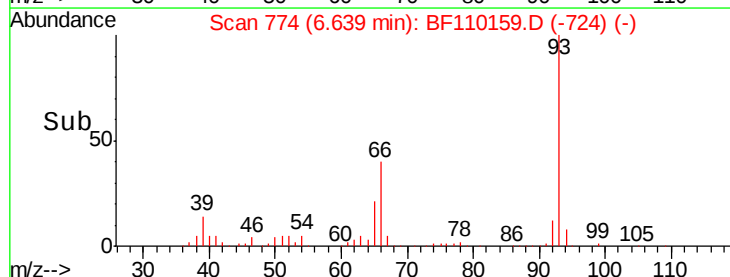
65 20.8 41.0 61.4#

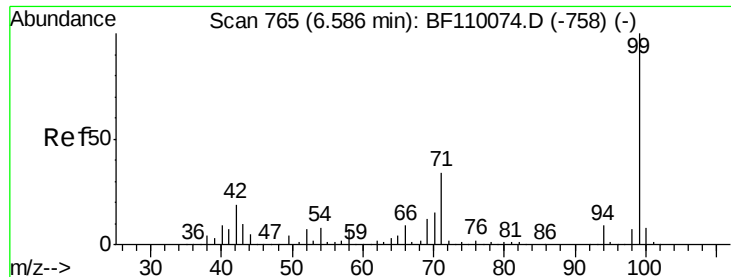


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.969 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion: 99 Resp: 1753285

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

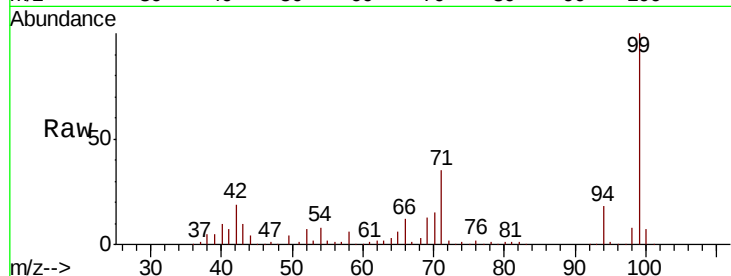
71 34.9 28.0 42.0

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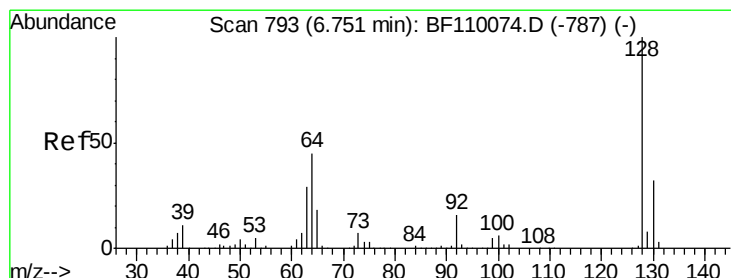
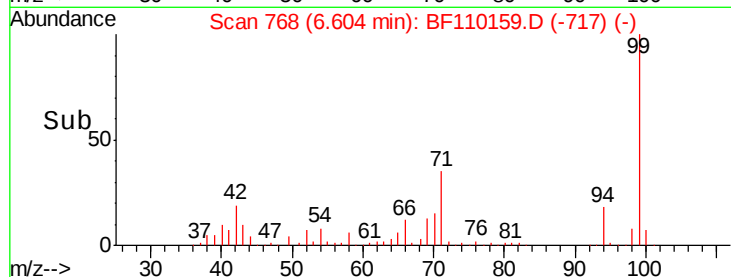
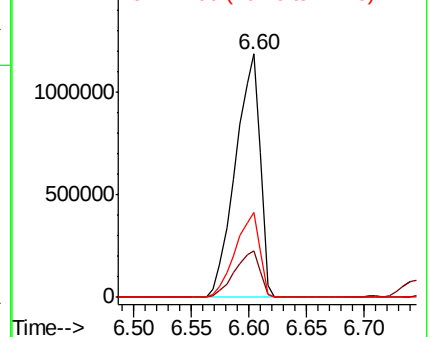
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.388 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

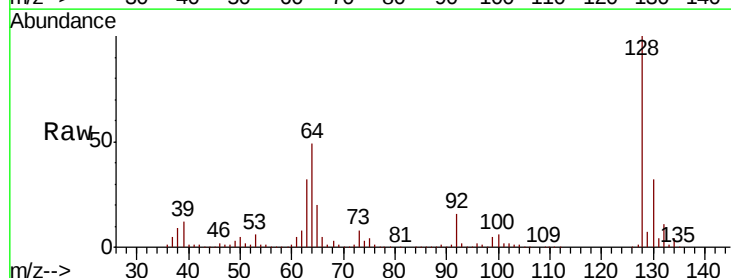
Tgt Ion:128 Resp: 519050

Ion Ratio Lower Upper

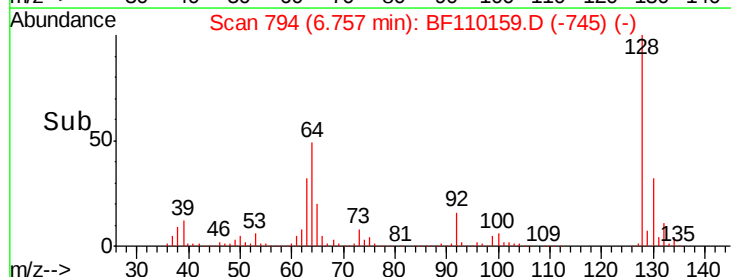
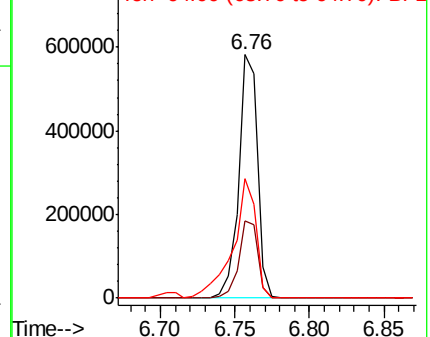
128 100

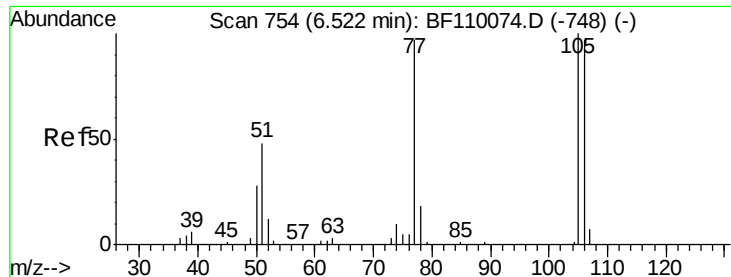
130 31.6 13.1 53.1

64 49.0 26.0 66.0



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





#9

Benzaldehyde

Concen: 31.389 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

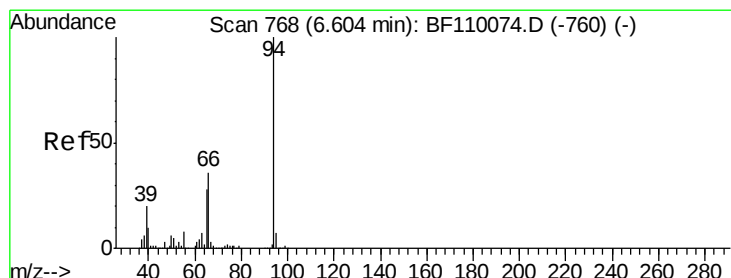
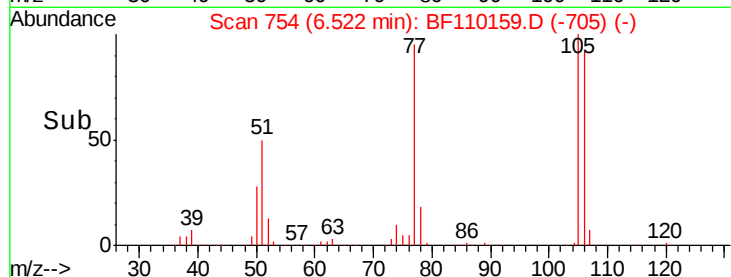
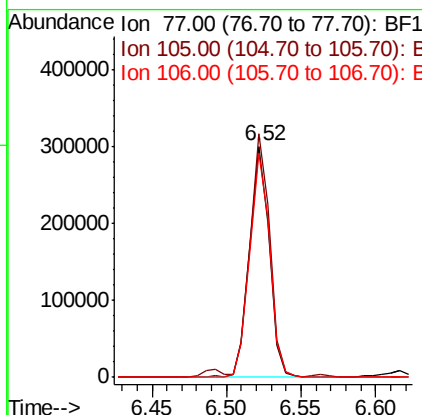
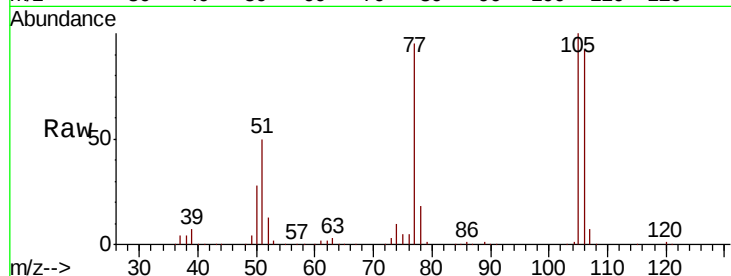
ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	105.2	78.6	118.6	
106	96.9	74.8	114.8	

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#10

Phenol

Concen: 49.443 ng

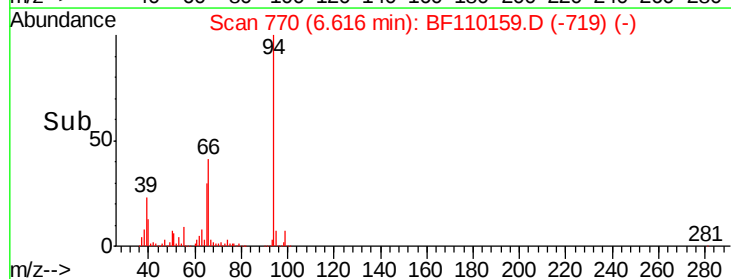
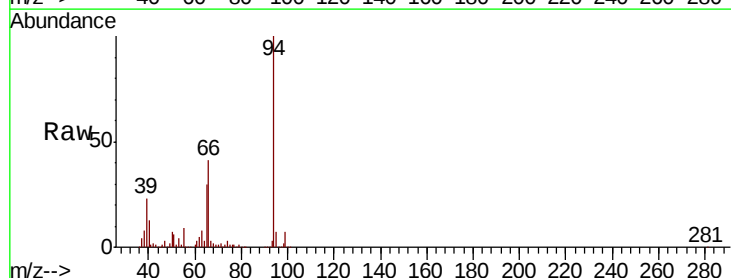
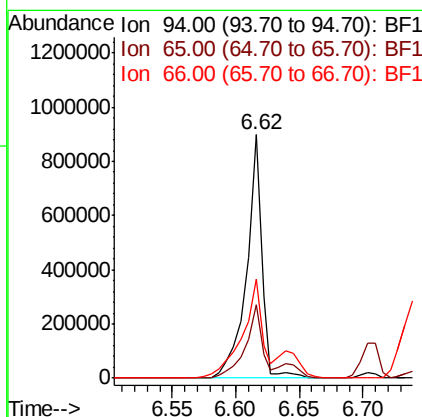
RT: 6.62 min Scan# 770

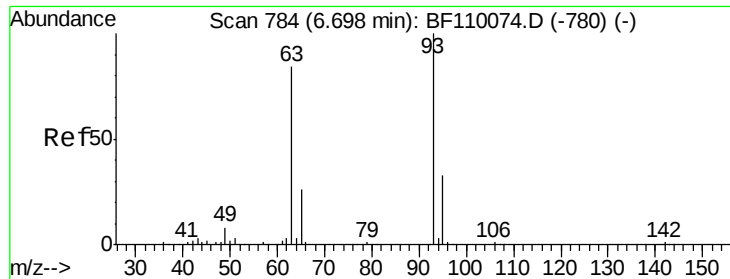
Delta R.T. -0.00 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	30.3	25.3	65.3	
66	40.7	54.5	94.5#	





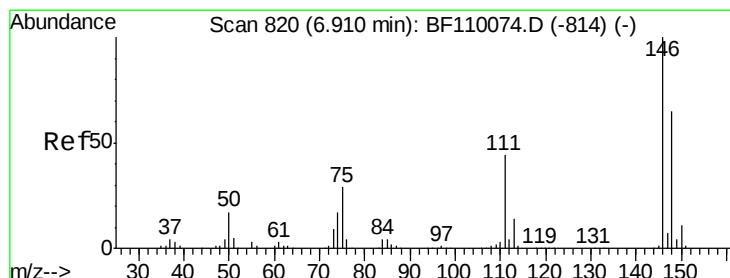
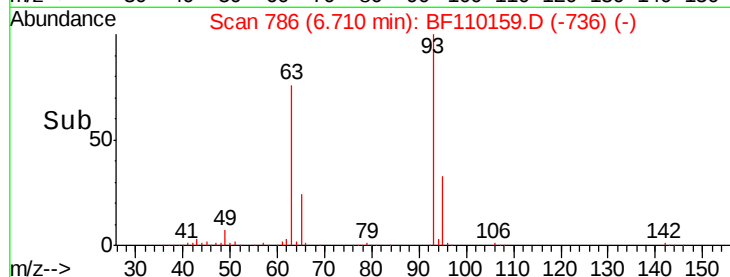
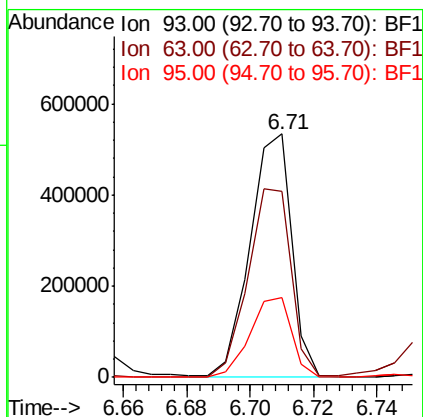
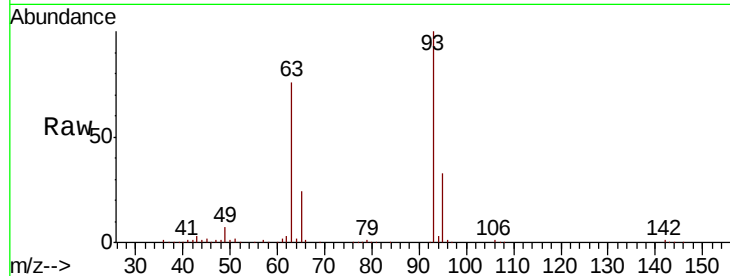
#11
bis(2-Chloroethyl)ether
Concen: 38.863 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion:	93	Resp:	487297
Ion Ratio	Lower	Upper	
93	100		
63	76.2	53.4	93.4
95	32.9	12.1	52.1

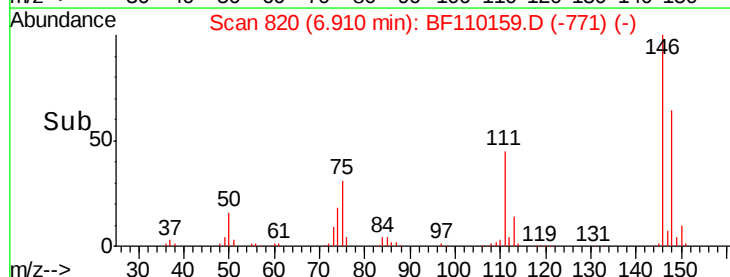
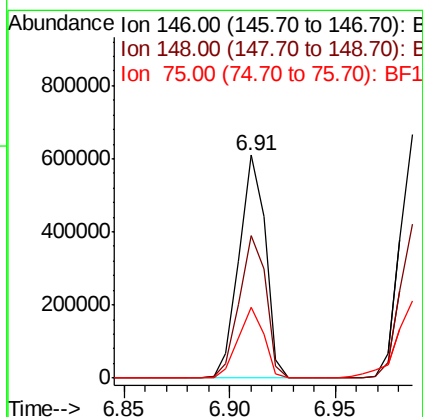
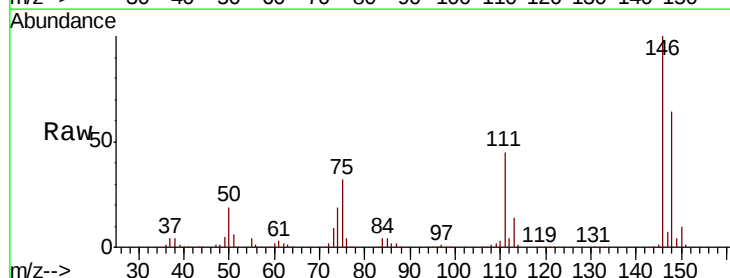
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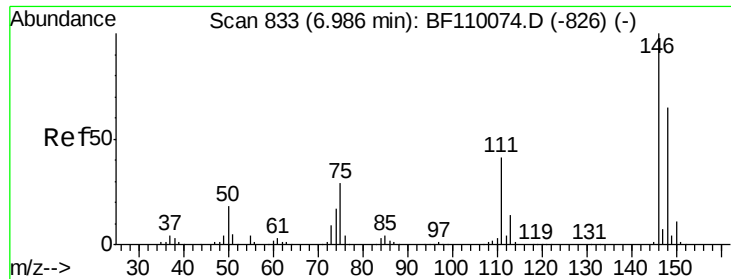
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#12
1,3-Dichlorobenzene
Concen: 37.336 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion:	146	Resp:	528052
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.4	75.6
75	31.7	25.8	38.6





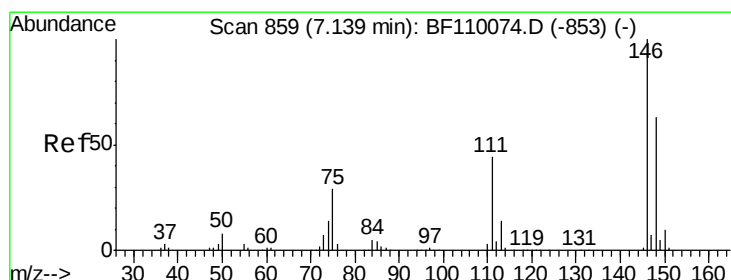
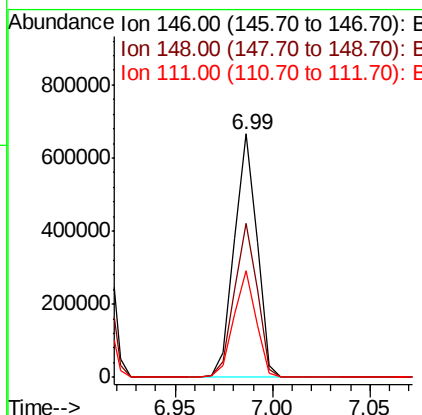
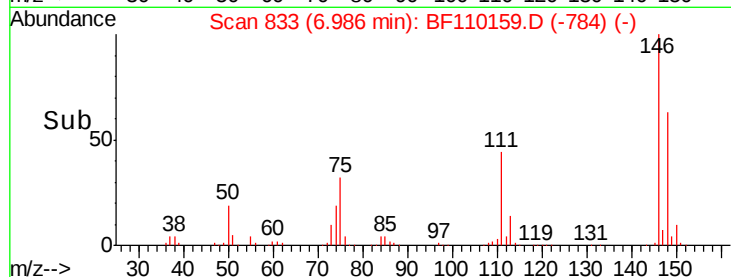
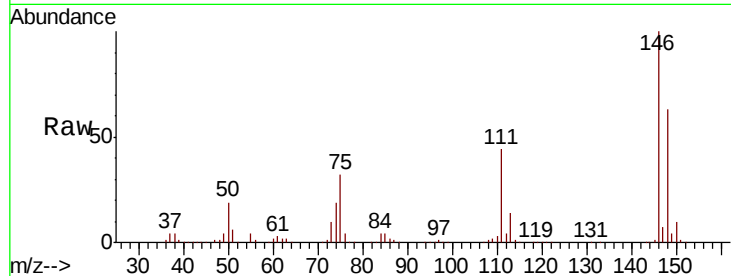
#13
 1,4-Dichlorobenzene
 Concen: 37.566 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	43.7	32.7	49.1

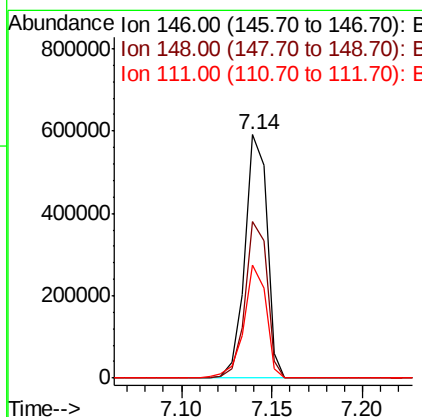
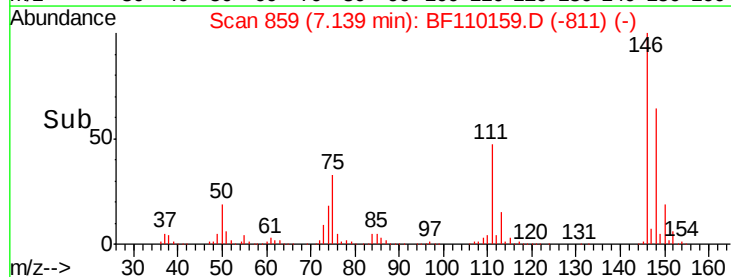
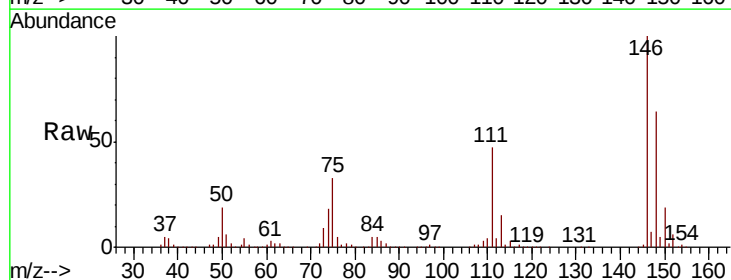
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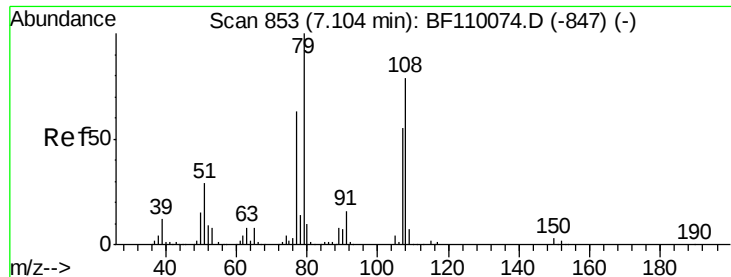
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#14
 1,2-Dichlorobenzene
 Concen: 37.762 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	46.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.185 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

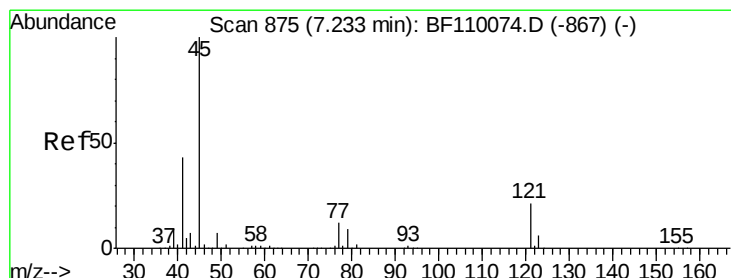
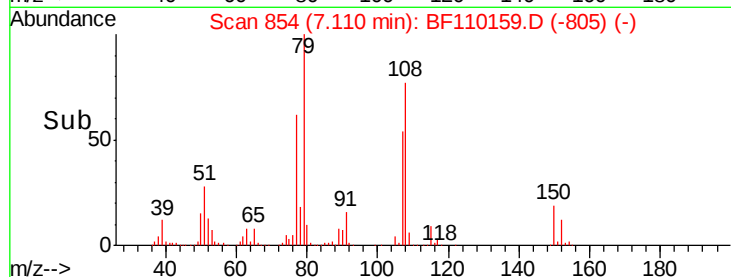
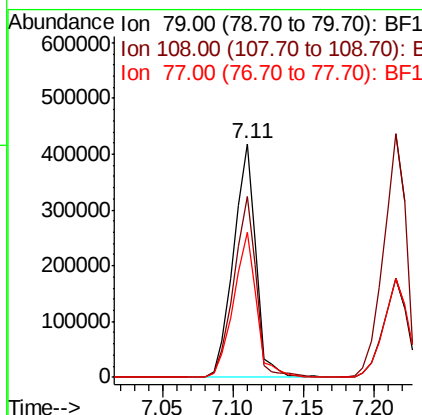
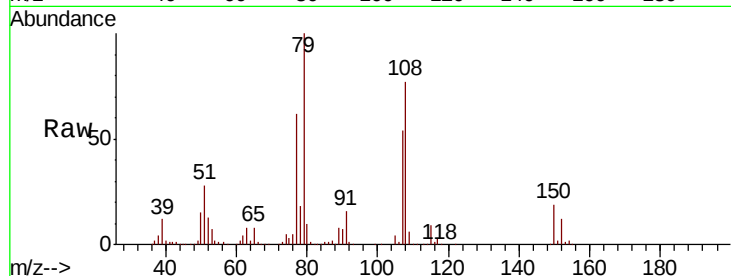
ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:	79	Resp:	462610
Ion	Ratio	Lower	Upper
79	100		
108	77.5	56.3	84.5
77	62.1	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.483 ng

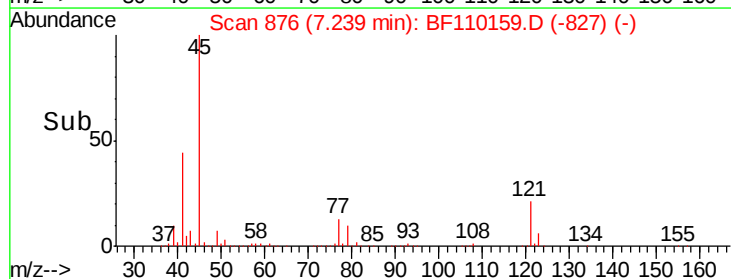
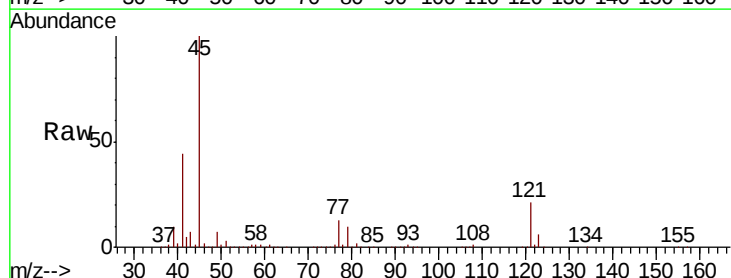
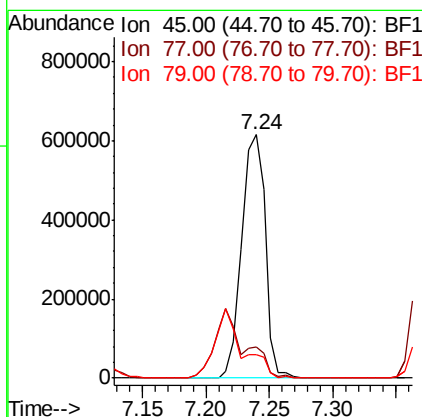
RT: 7.24 min Scan# 876

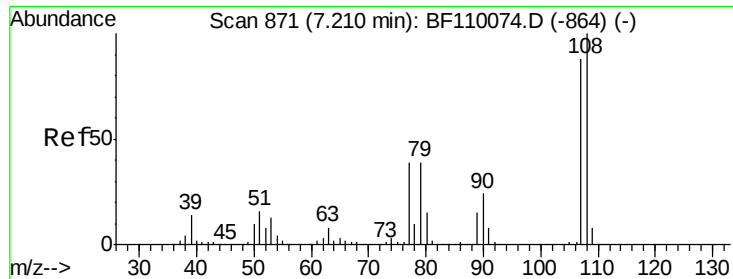
Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:	45	Resp:	791566
Ion	Ratio	Lower	Upper
45	100		
77	12.7	10.0	50.0
79	9.9	6.1	46.1





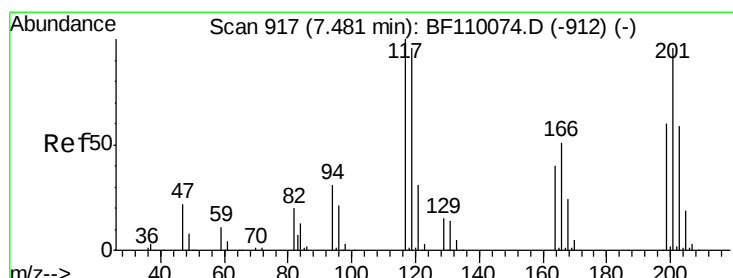
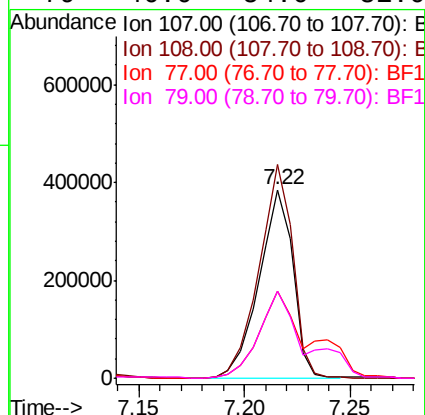
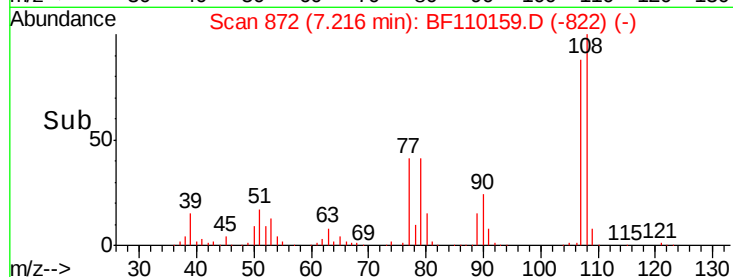
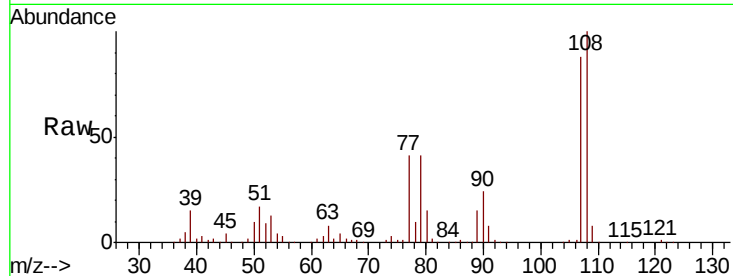
#17
2-Methylphenol
Concen: 42.079 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	92.6	138.8	
77	46.0	59.4	89.2#	
79	46.0	54.0	81.0#	

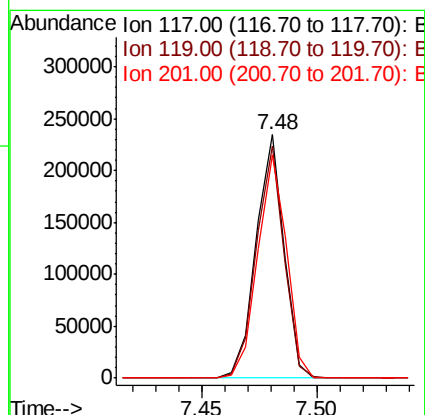
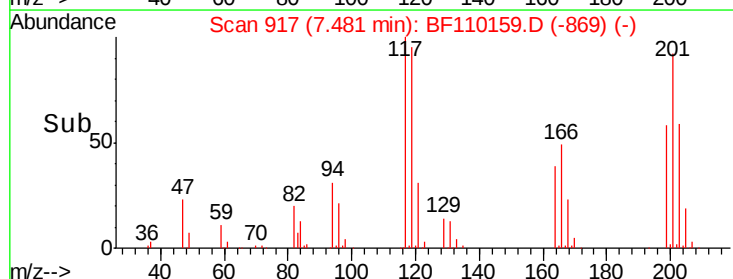
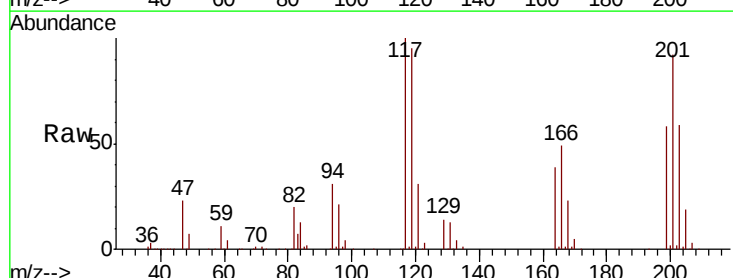
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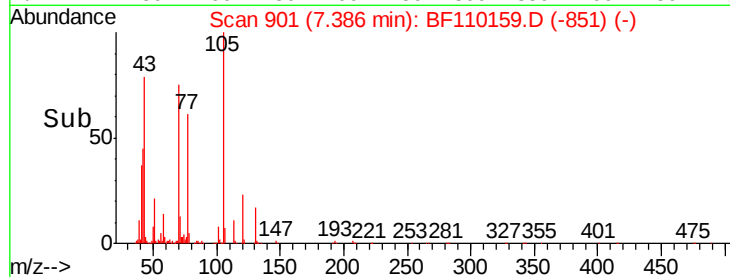
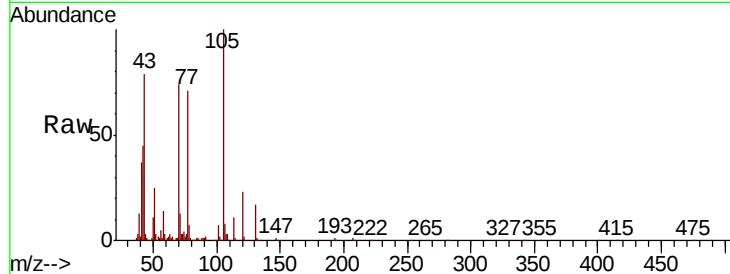
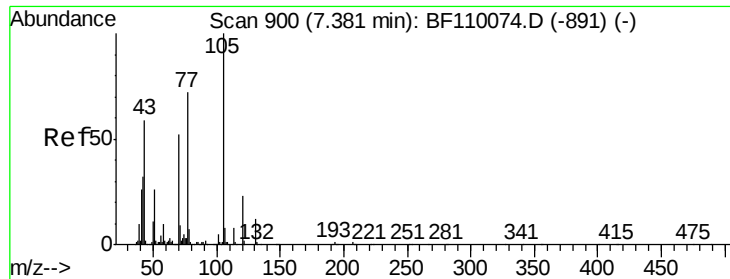
Sohil
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#18
Hexachloroethane
Concen: 37.823 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.0	112.6	
201	91.7	79.2	118.8	





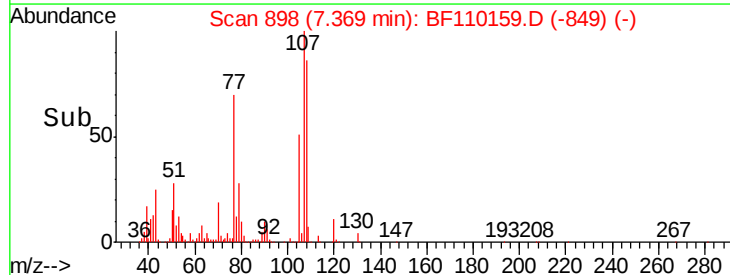
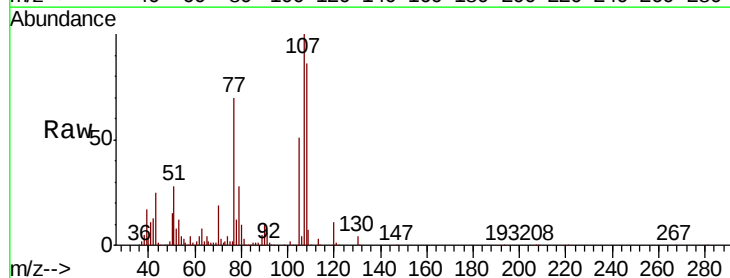
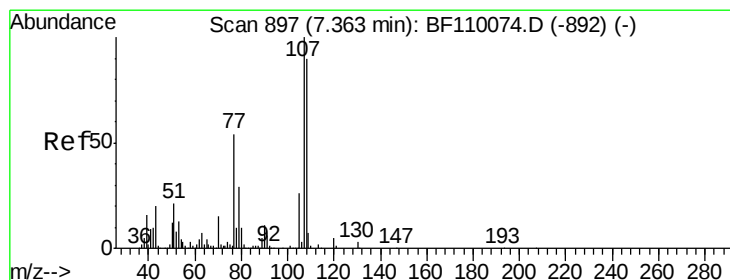
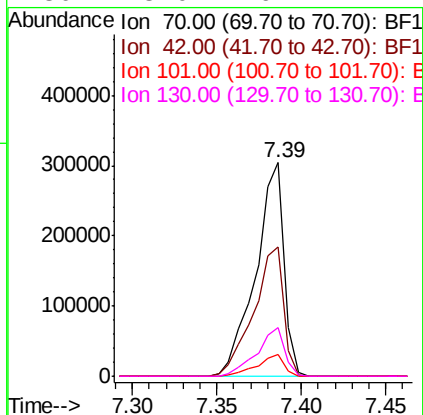
#19
n-Nitroso-di-n-propylamine
Concen: 38.807 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.4	71.2
101	10.1	7.3	10.9
130	23.0	16.2	24.2

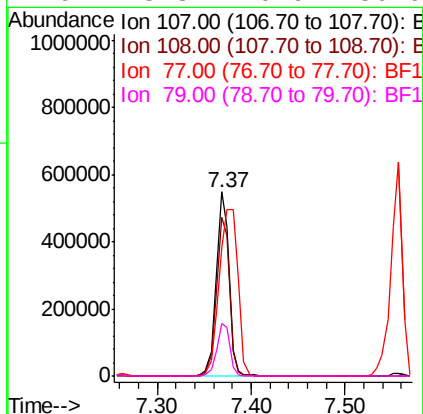
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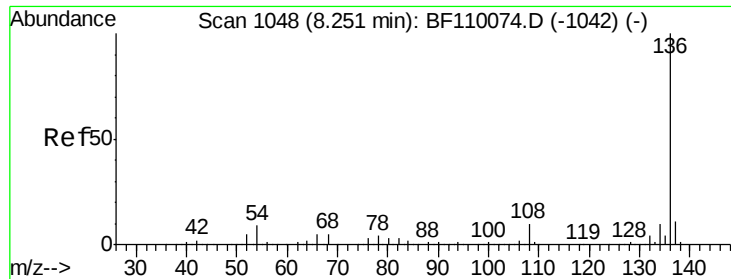
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#20
3+4-Methylphenols
Concen: 40.310 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.4	111.4
77	69.8	47.3	87.3
79	28.3	10.9	50.9





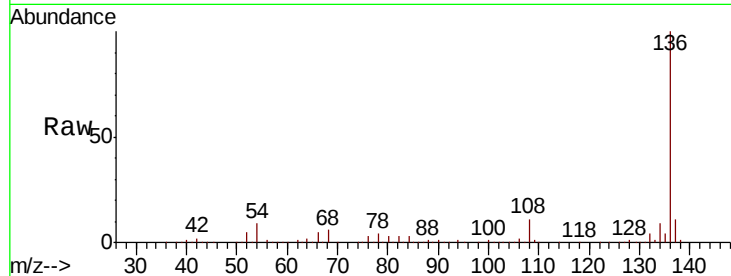
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	708235		
137	11.2		8.8	13.2
54	8.7		5.4	8.2#
68	5.7		4.2	6.2

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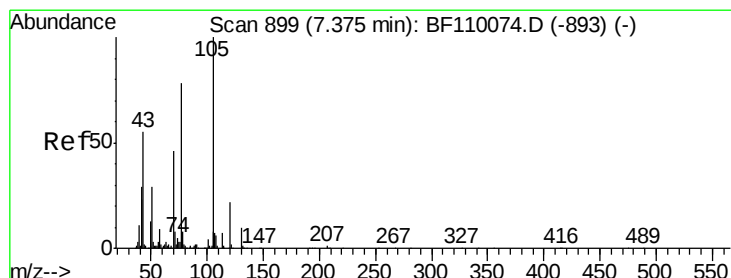
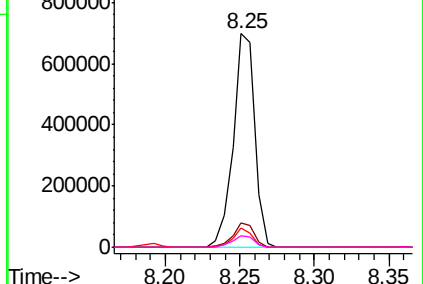
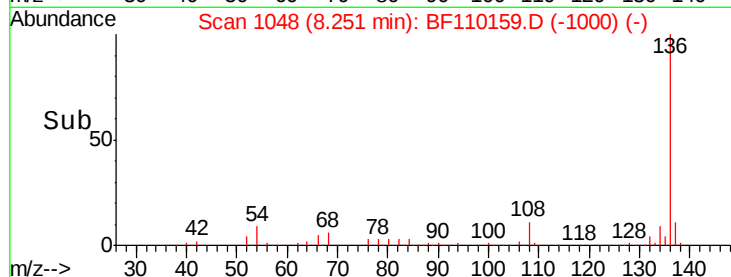
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

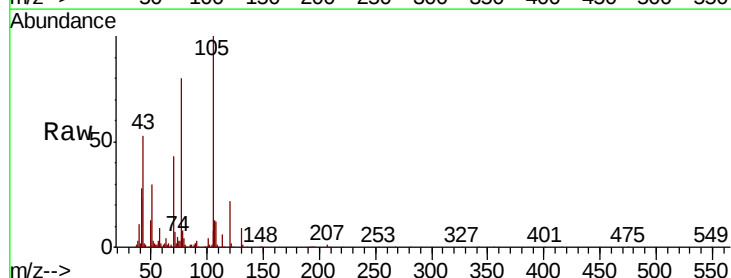
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.761 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	697833		
71	7.4		5.2	7.8
51	29.8		21.8	32.8
120	22.3		17.0	25.4



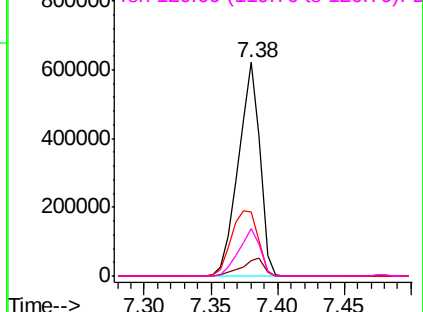
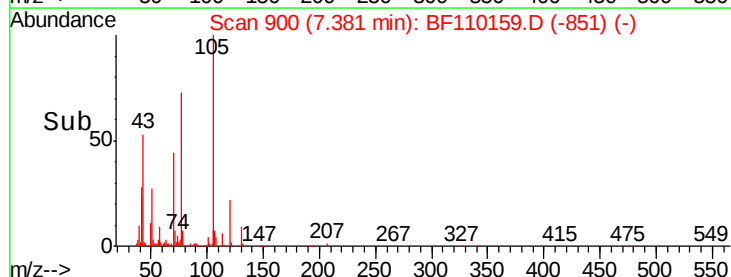
Abundance

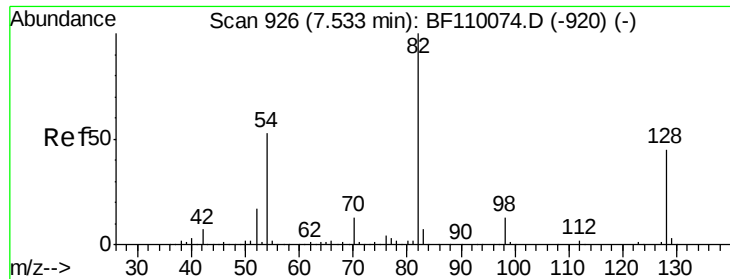
Ion 105.00 (104.70 to 105.70): E

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





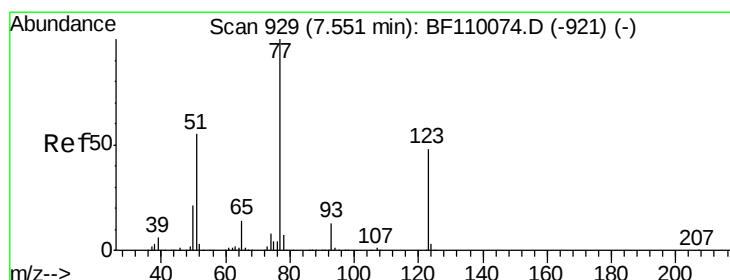
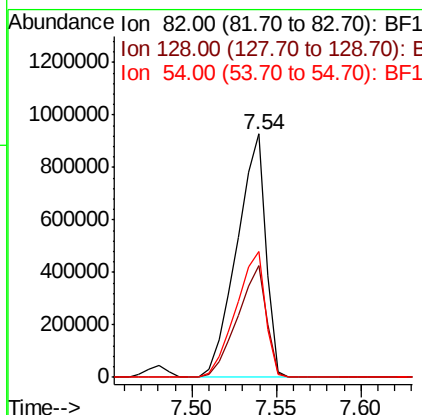
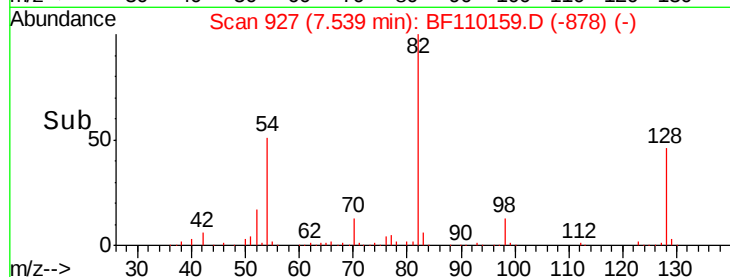
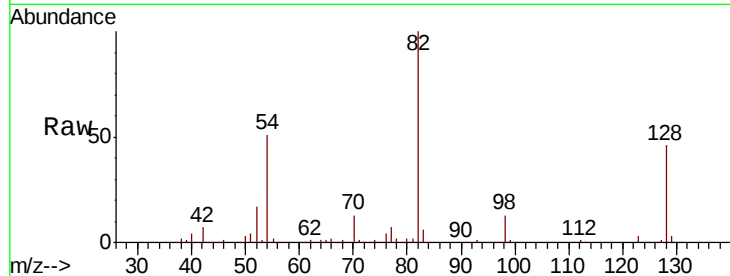
#23
 Nitrobenzene-d5
 Concen: 92.725 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion: 82 Resp: 1107197
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.2 51.2
 54 51.5 38.6 58.0

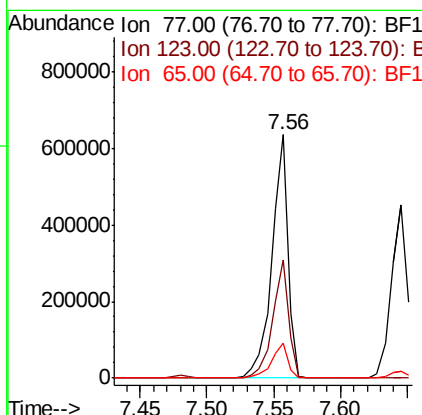
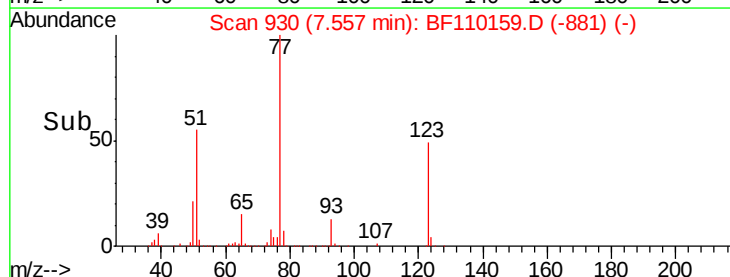
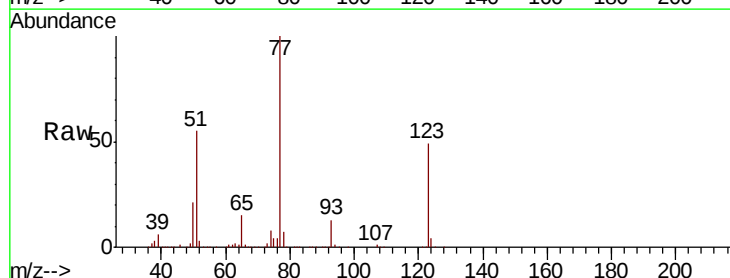
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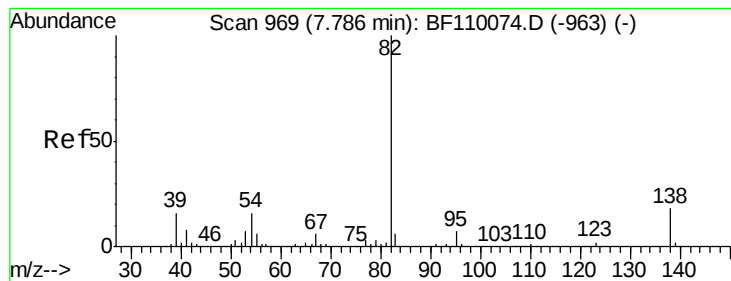
Sohil
 10/26/2018 3:49:15 PM



#24
 Nitrobenzene
 Concen: 43.288 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion: 77 Resp: 533639
 Ion Ratio Lower Upper
 77 100
 123 48.7 35.7 53.5
 65 14.5 10.7 16.1





#25

Isophorone

Concen: 48.812 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

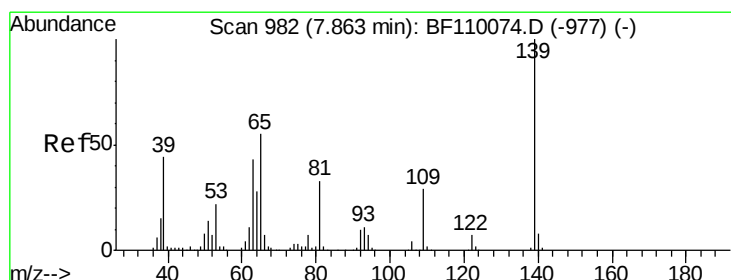
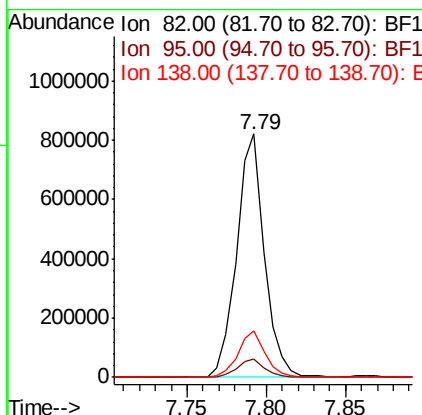
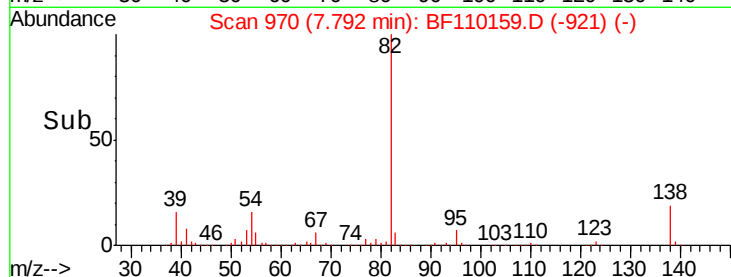
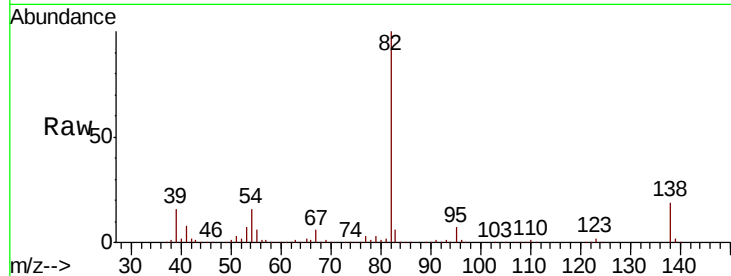
ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:	82	Resp:	993516
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	19.3	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.906 ng

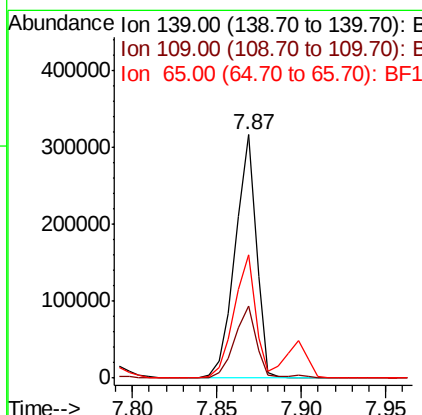
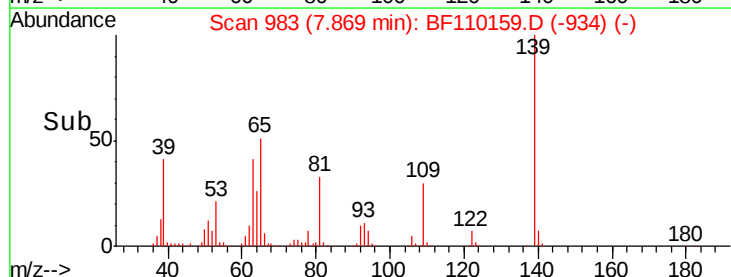
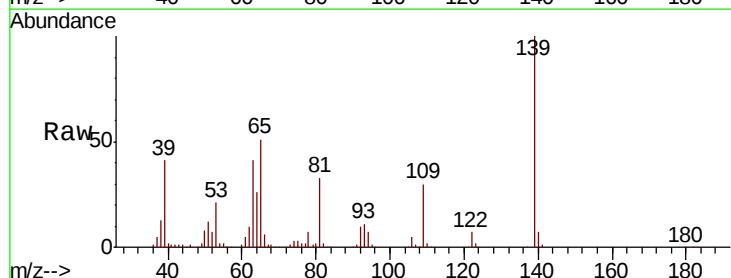
RT: 7.87 min Scan# 983

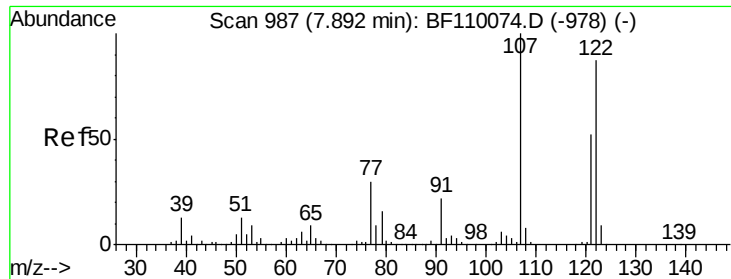
Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:	139	Resp:	275168
Ion Ratio	Lower	Upper	
139	100		
109	29.7	25.0	37.6
65	50.6	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 49.634 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

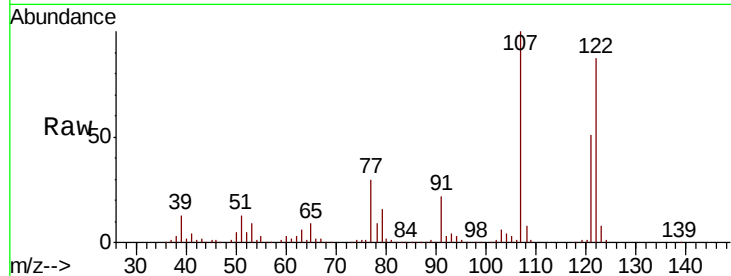
ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	92.5	138.7
121	58.8	45.8	68.8

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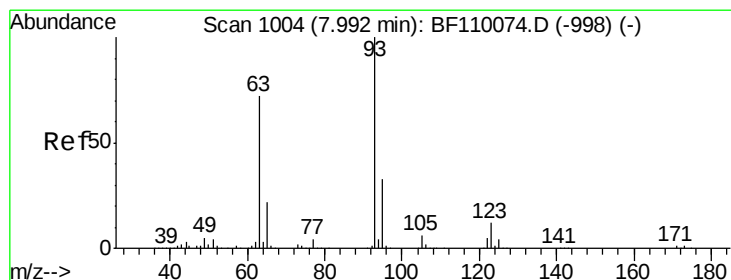
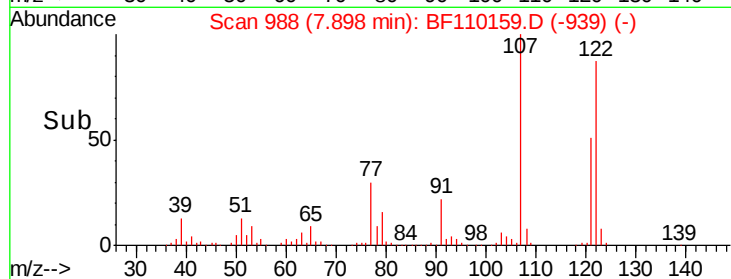
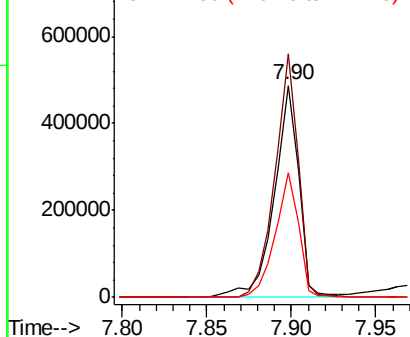


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.004 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

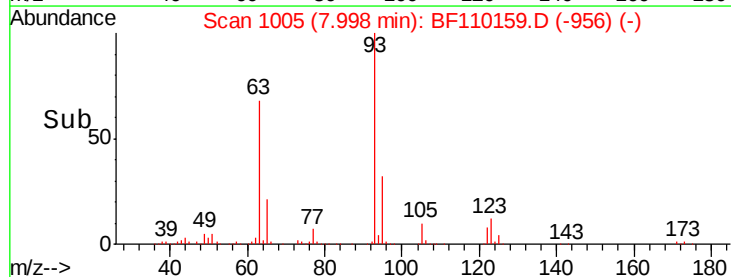
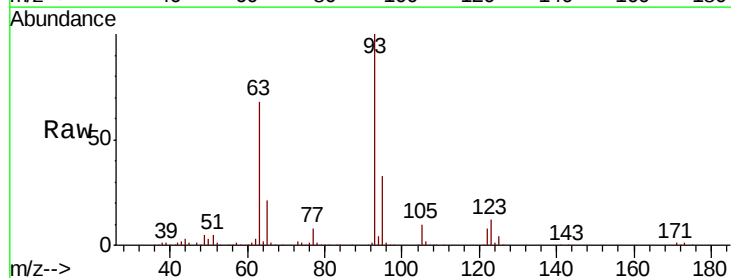
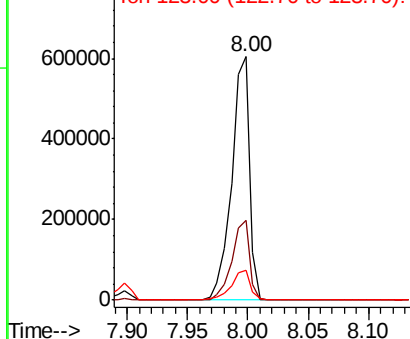
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	12.5	9.0	13.6

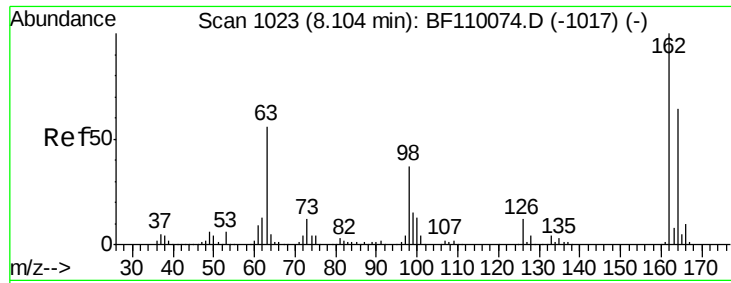
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





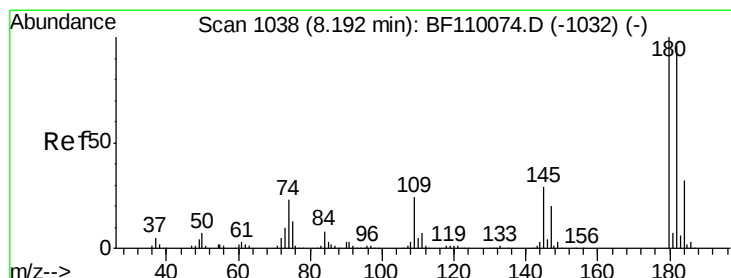
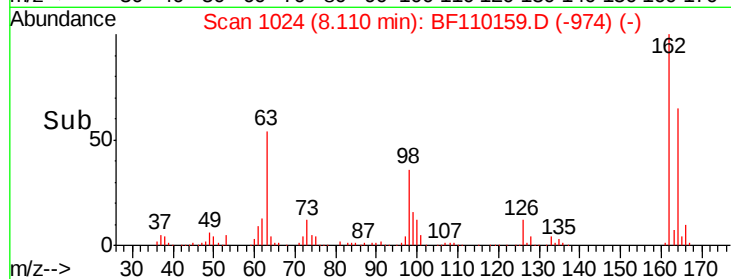
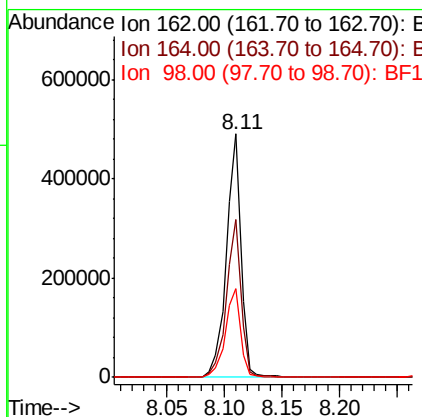
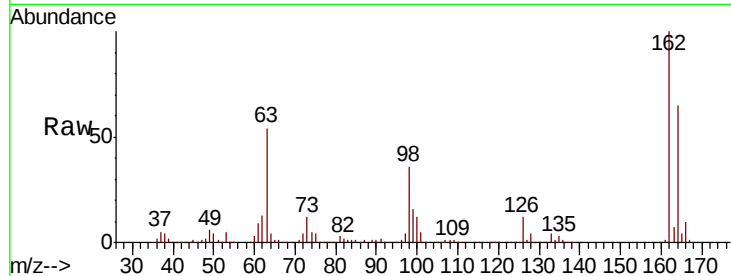
#29
2,4-Dichlorophenol
Concen: 44.236 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	434669		
164	64.8	44.6	84.6	
98	36.2	17.4	57.4	

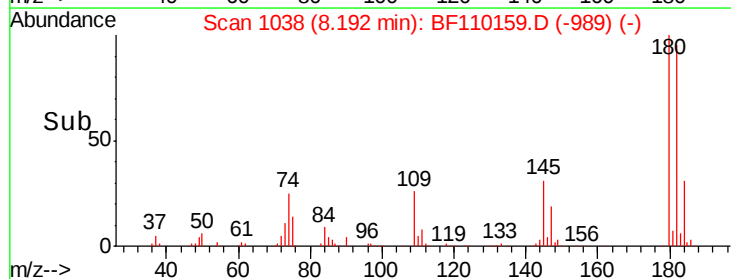
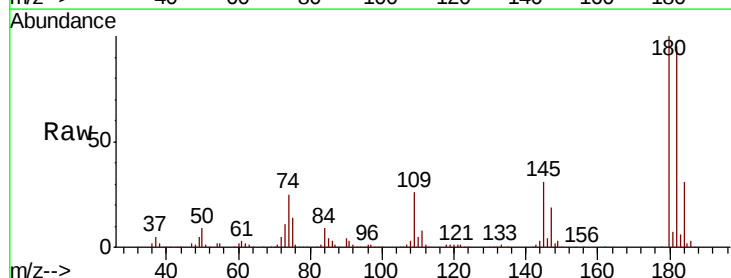
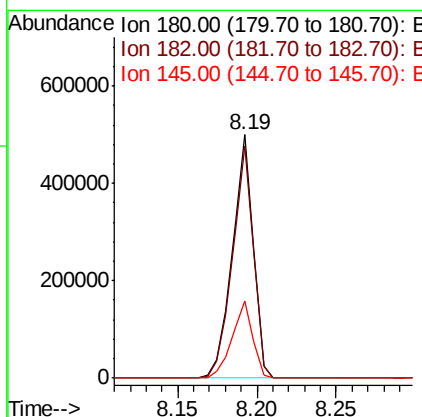
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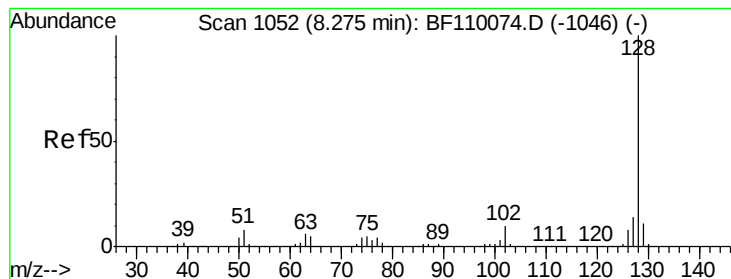
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#30
1,2,4-Trichlorobenzene
Concen: 41.595 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	457815		
182	95.1	80.3	120.5	
145	31.5	25.4	38.0	





#31

Naphthalene

Concen: 45.341 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:128 Resp: 1480008

Ion Ratio Lower Upper

128 100

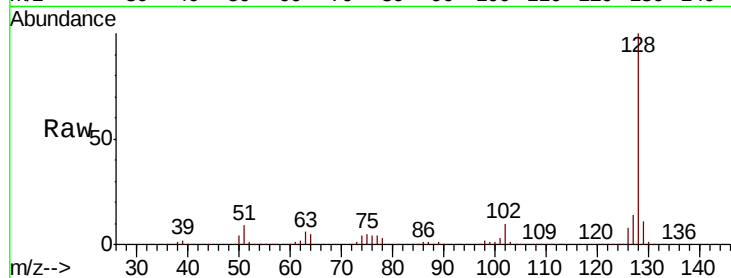
129 11.4 8.8 13.2

127 13.6 10.8 16.2

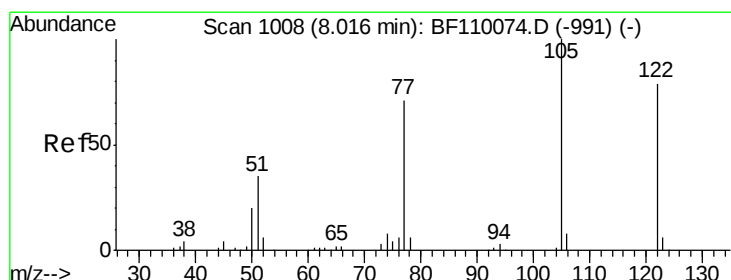
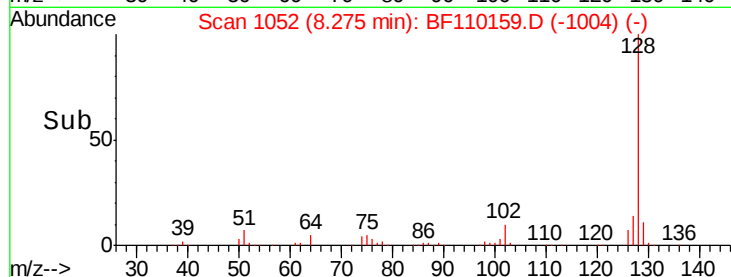
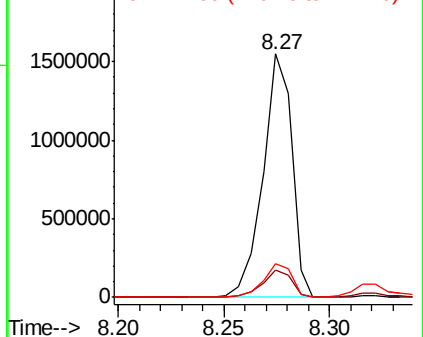
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.629 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

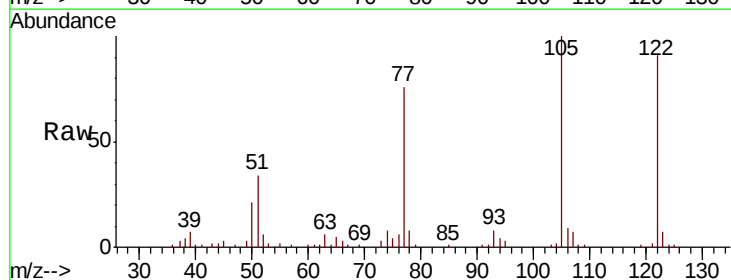
Tgt Ion:122 Resp: 162589

Ion Ratio Lower Upper

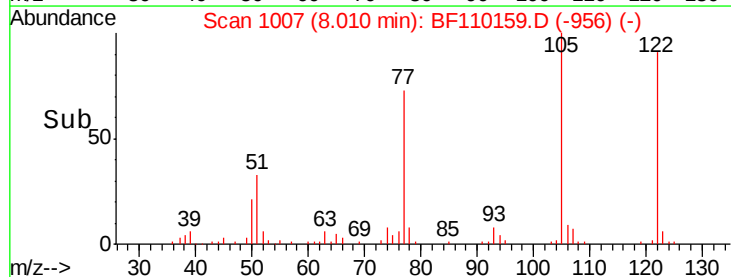
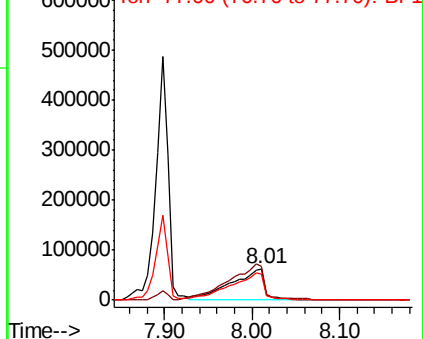
122 100

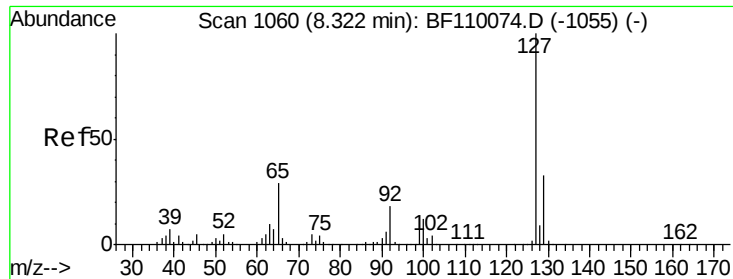
105 109.9 109.0 149.0

77 83.2 79.0 119.0



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





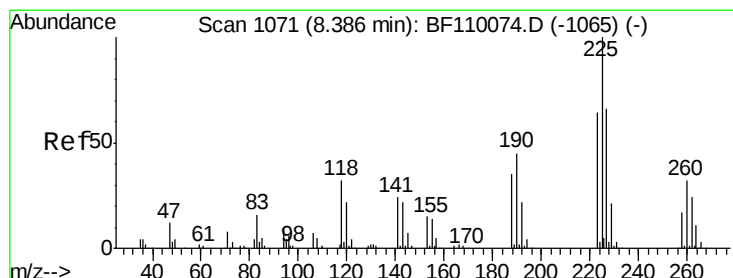
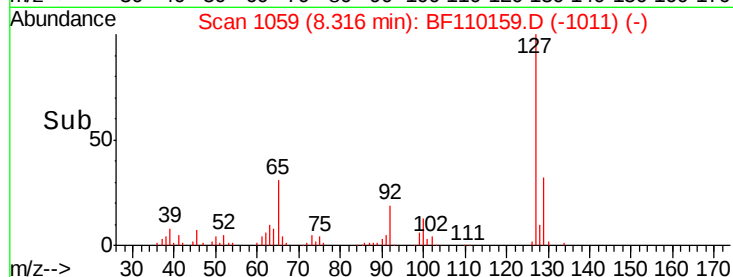
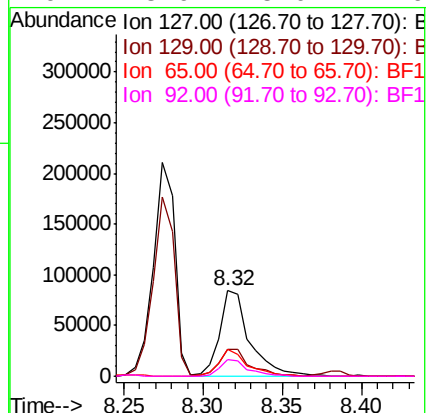
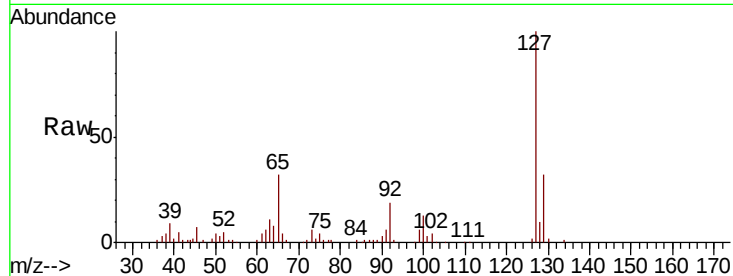
#33
4-Chloroaniline
Concen: 7.441 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.0	39.0		
65	31.6	25.1	37.7		
92	18.9	15.0	22.6		

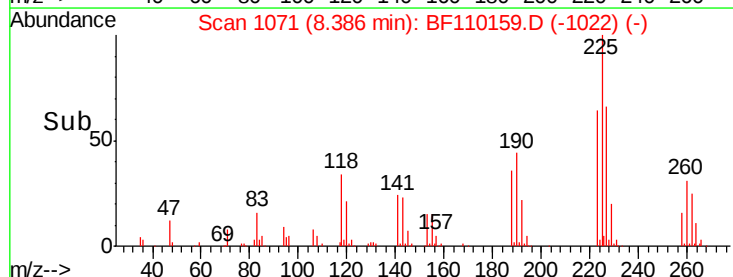
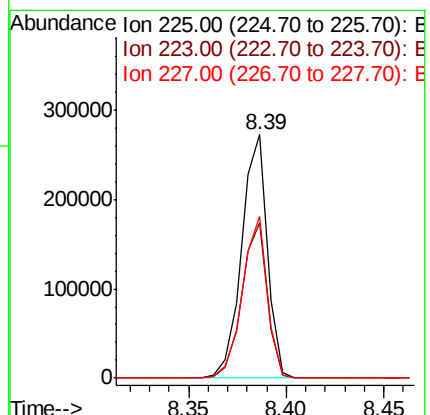
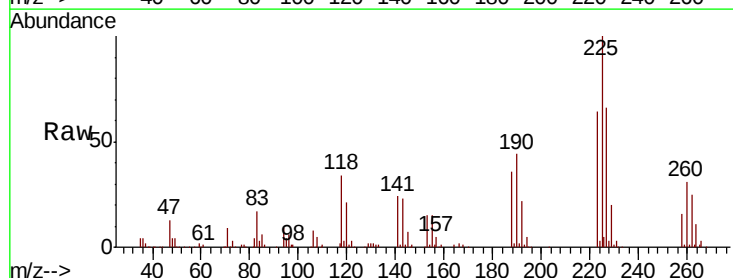
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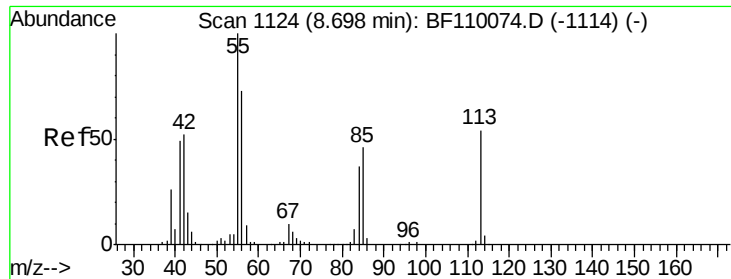
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#34
Hexachlorobutadiene
Concen: 40.525 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	51.4	77.2		
227	66.4	51.0	76.6		





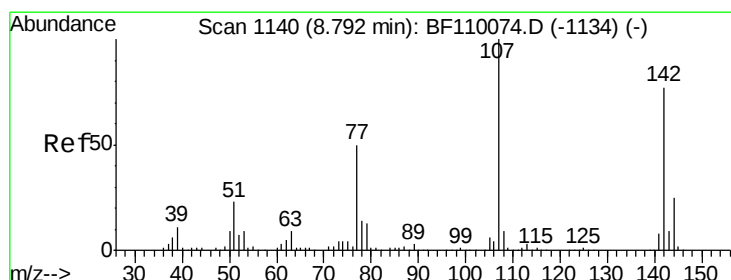
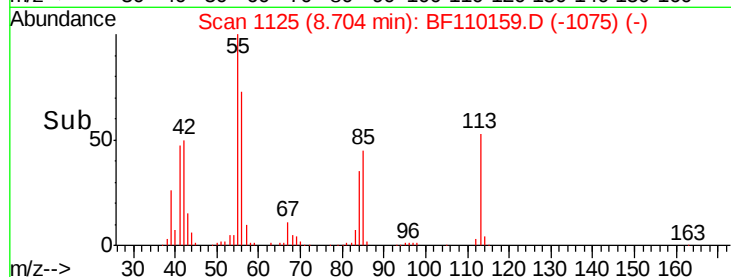
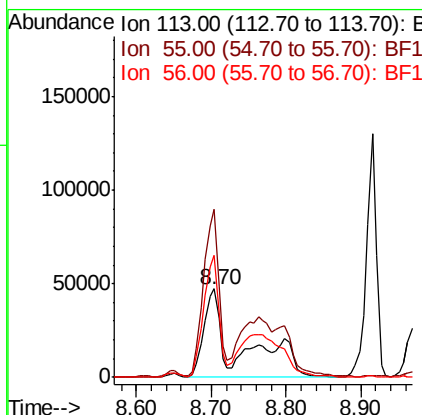
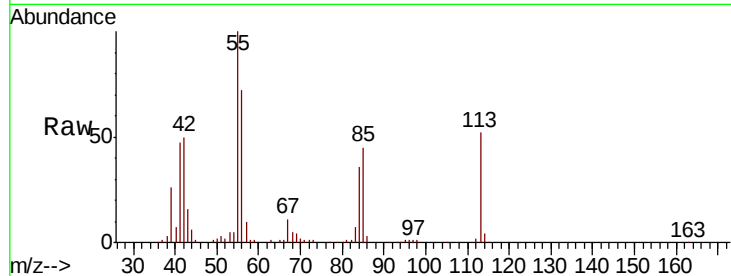
#35
 Caprolactam
 Concen: 43.765 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.8	142.8	182.8#
56	137.9	105.0	145.0

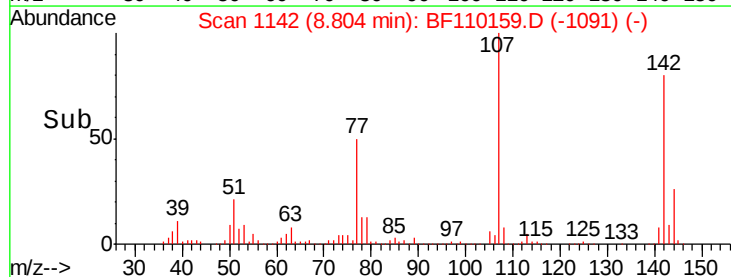
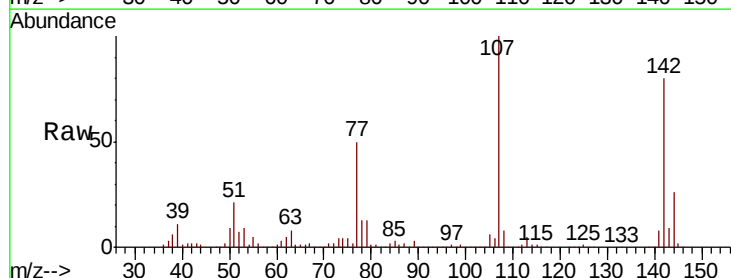
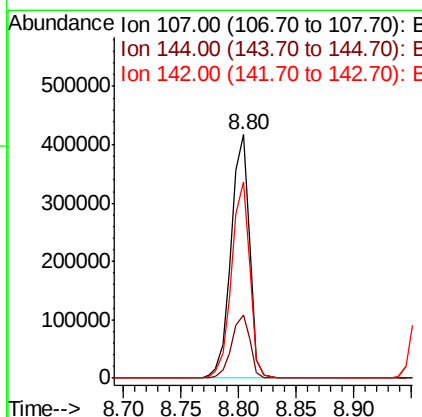
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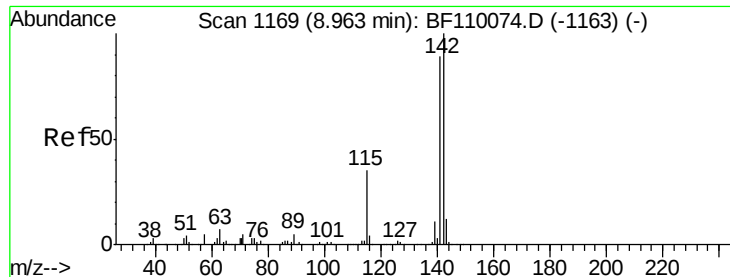
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#36
 4-Chloro-3-methylphenol
 Concen: 43.666 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.0	30.0
142	80.4	59.7	89.5





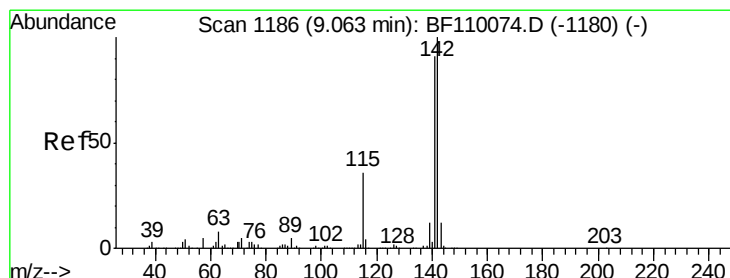
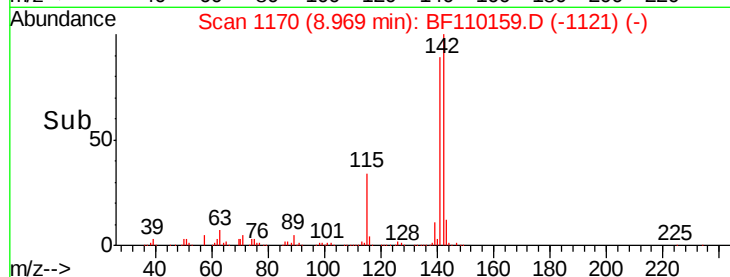
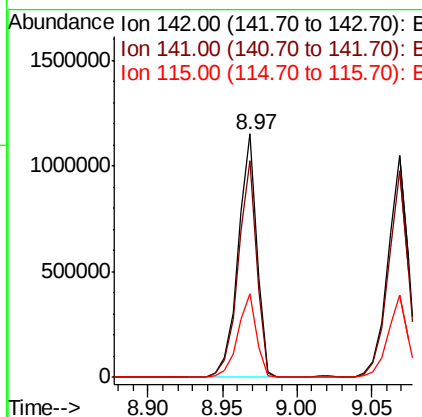
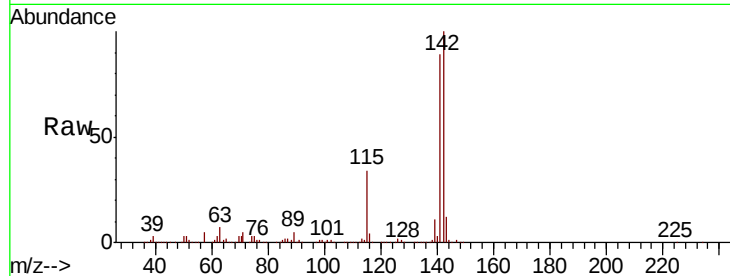
#37
 2-Methylnaphthalene
 Concen: 46.656 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	34.1	28.7	43.1

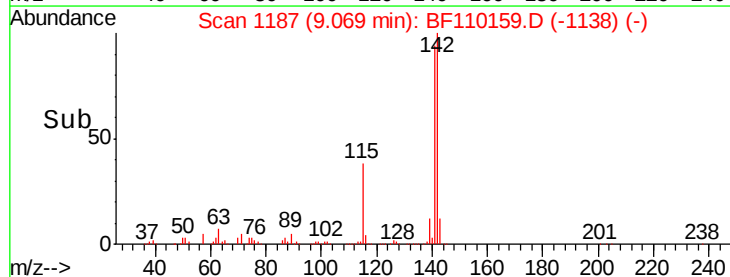
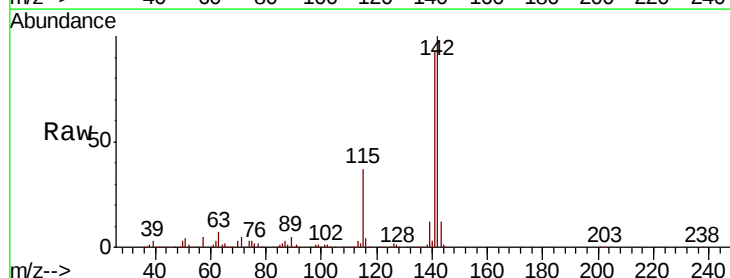
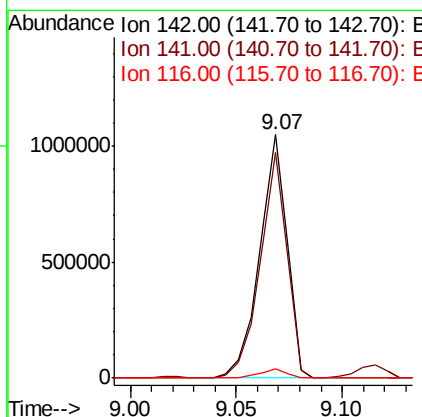
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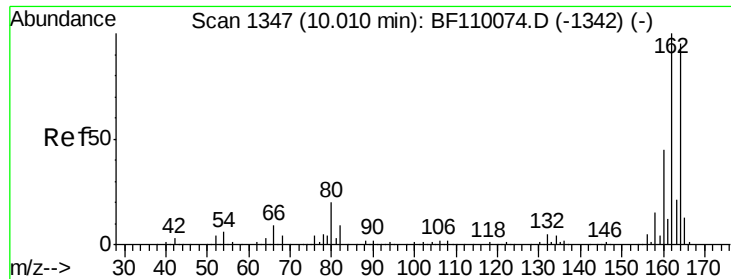
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#38
 1-Methylnaphthalene
 Concen: 45.423 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.8	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:164 Resp: 324588

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

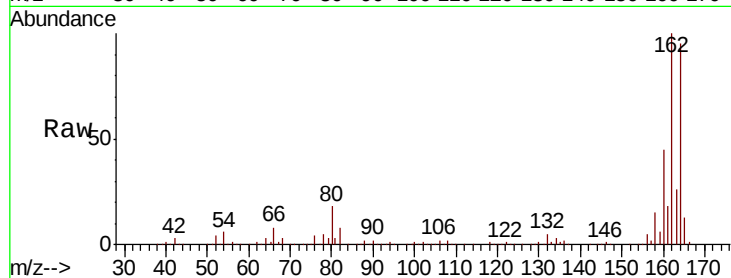
160 47.6 37.0 55.6

Manual Integrations

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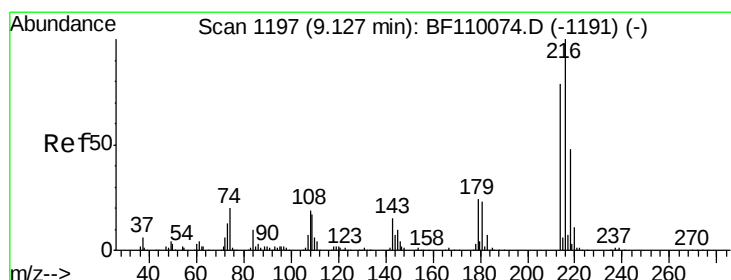
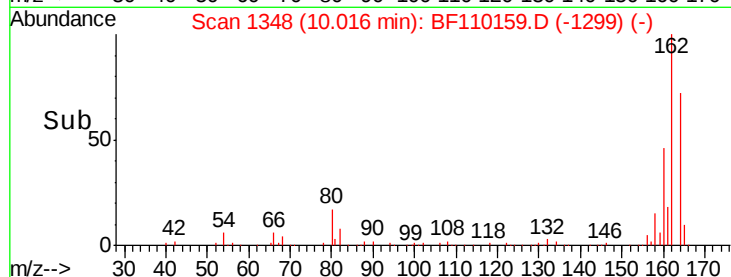
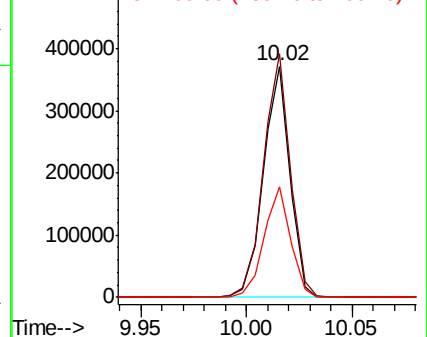


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.290 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:216 Resp: 417585

Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 22.9 16.6 25.0

108 21.5 15.1 22.7

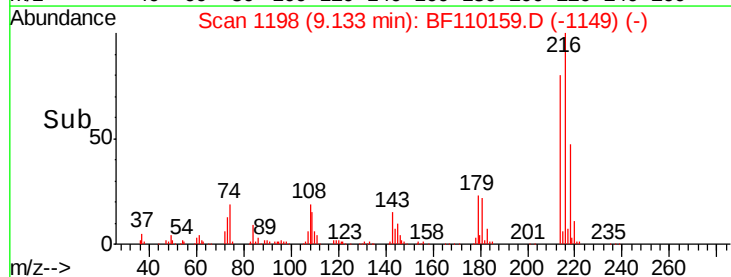
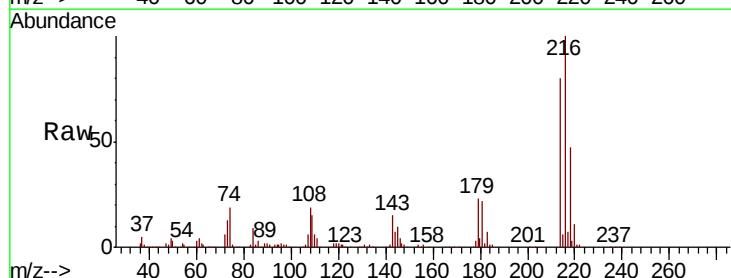
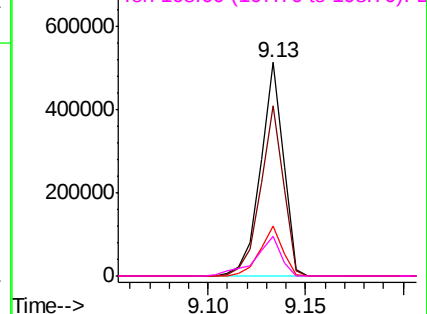
Abundance

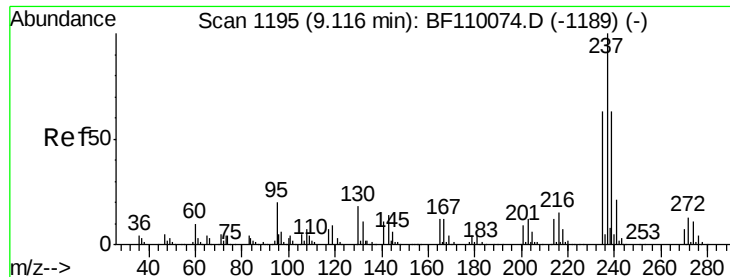
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.048 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

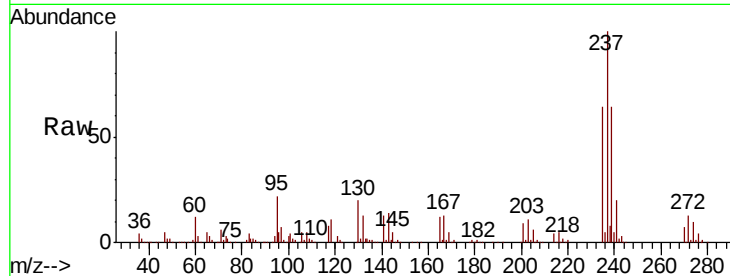
ClientSampleId :

SSSI-1018-S-DH-15MSD

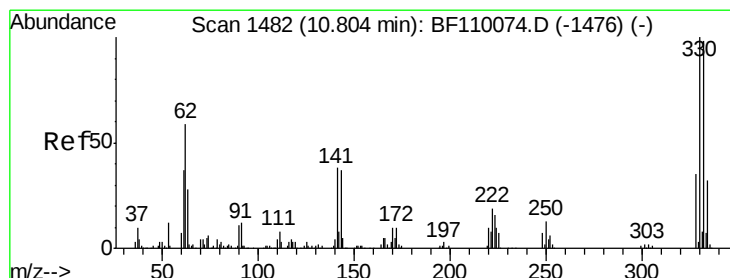
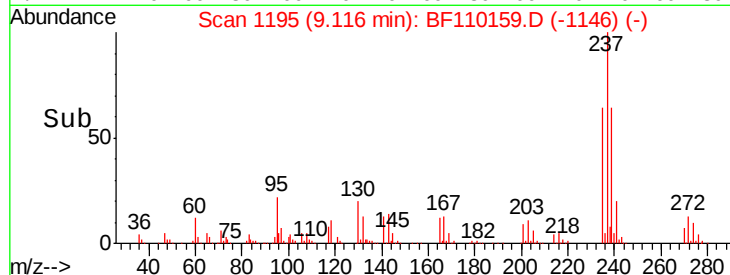
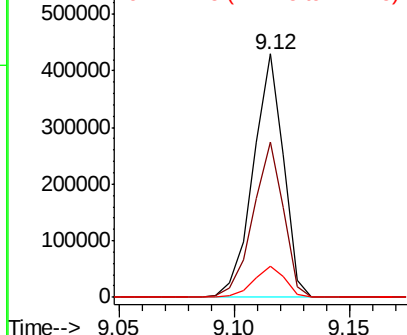
Tot Ion:	237	Resp:	393272
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.1	83.1
272	12.7	0.0	32.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.617 ng

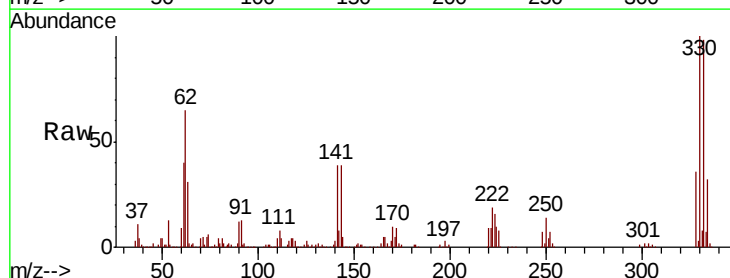
RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

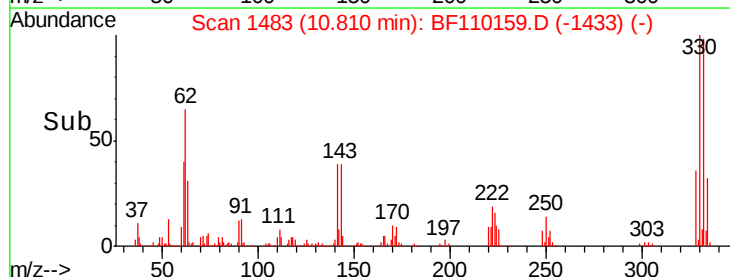
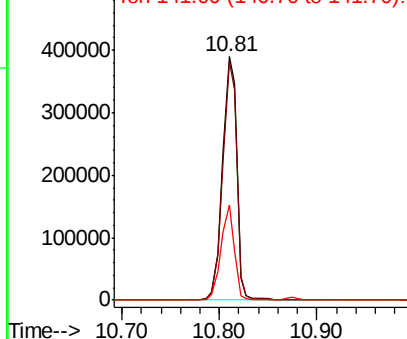
Lab File: BF110159.D

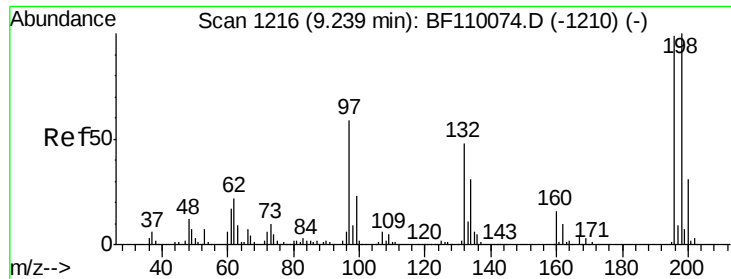
Acq: 25 Oct 2018 14:06

Tgt Ion:	330	Resp:	397462
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.1	115.7
141	36.5	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





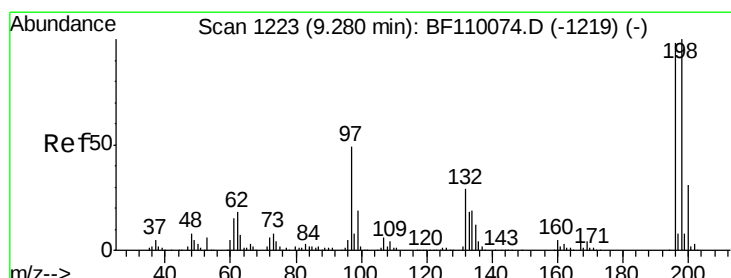
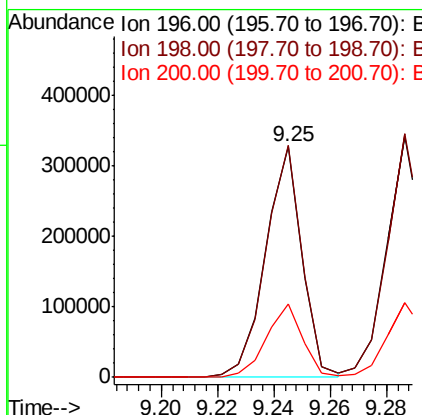
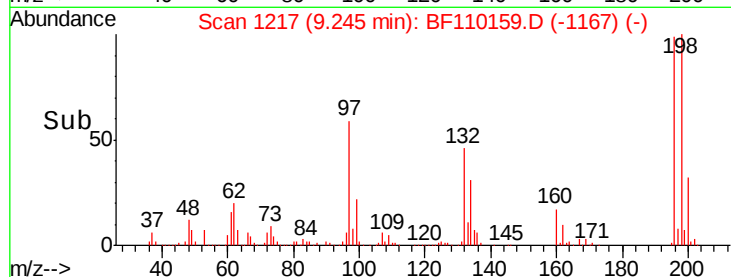
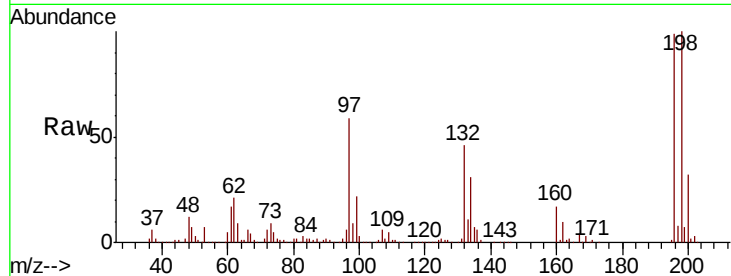
#43
 2,4,6-Trichlorophenol
 Concen: 44.921 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion:	196	Resp:	293024
Ion Ratio	Lower	Upper	
196	100		
198	100.6	76.2	114.4
200	31.9	24.4	36.6

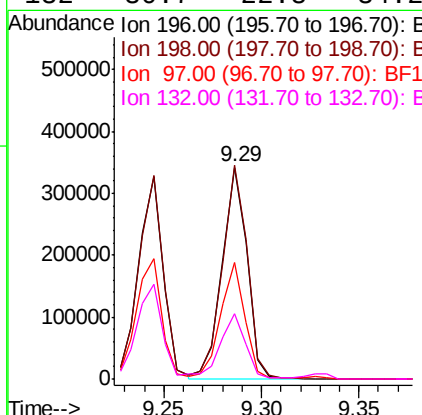
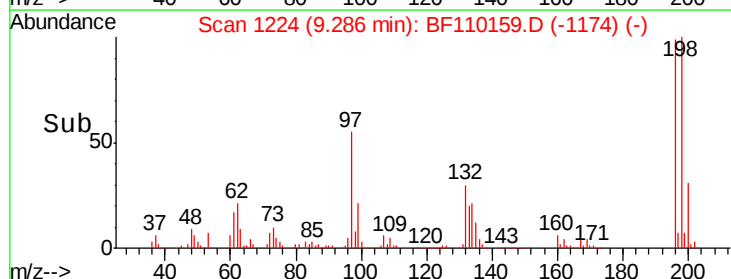
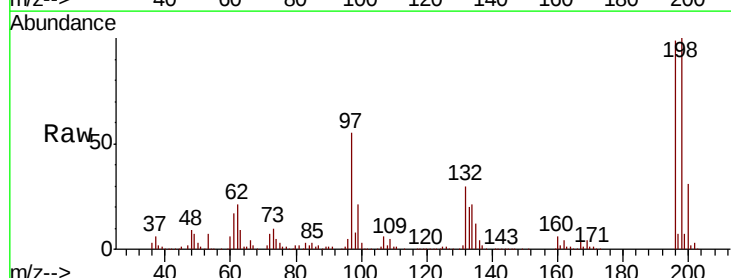
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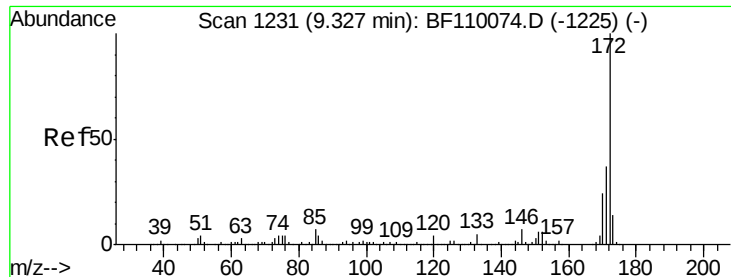
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#44
 2,4,5-Trichlorophenol
 Concen: 44.240 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion:	196	Resp:	305041
Ion Ratio	Lower	Upper	
196	100		
198	100.9	75.8	113.6
97	55.2	42.4	63.6
132	30.7	22.8	34.2





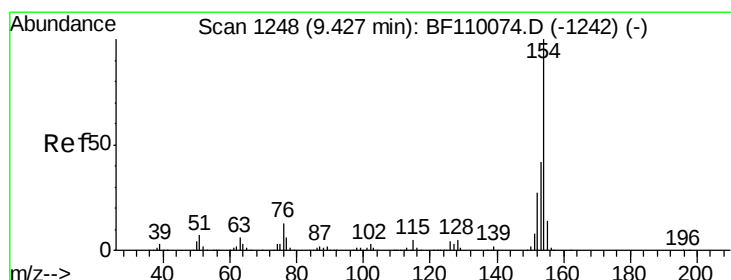
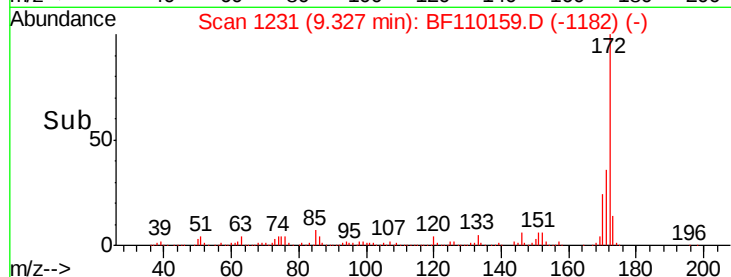
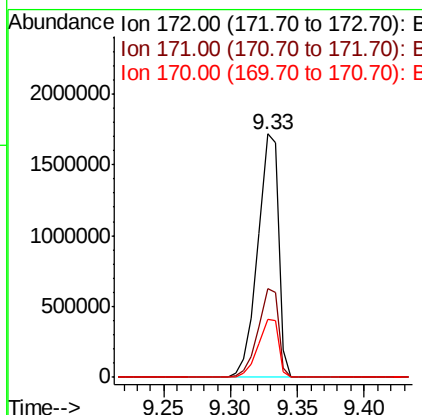
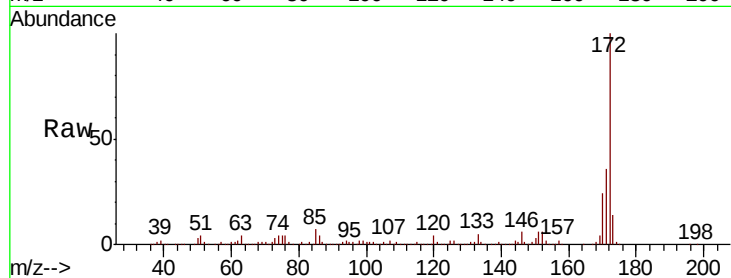
#45
2-Fluorobiphenyl
Concen: 88.246 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.9	19.7	29.5

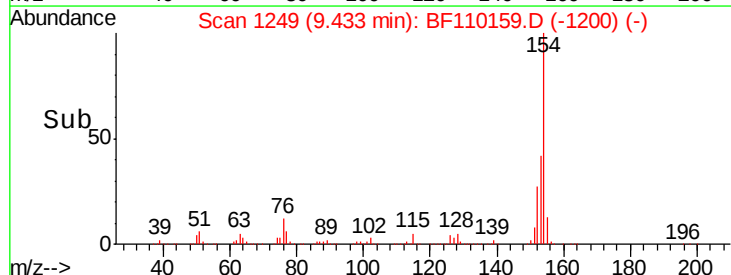
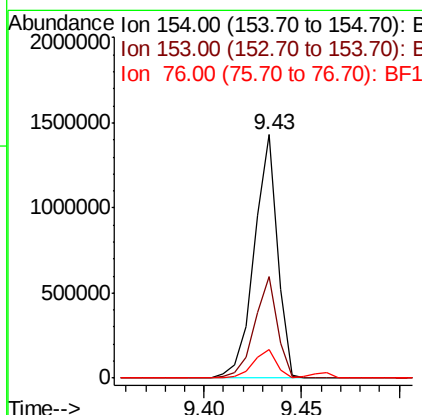
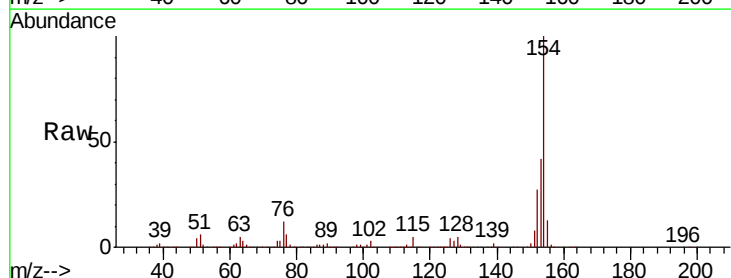
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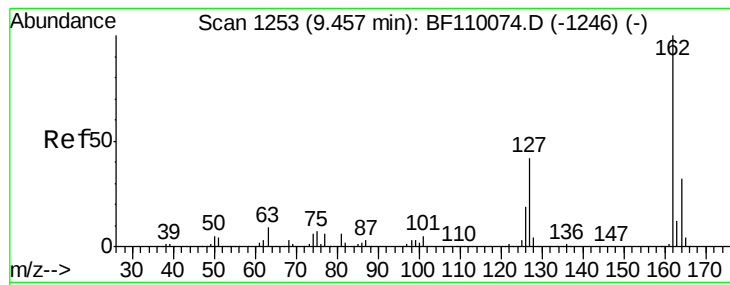
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#46
1,1'-Biphenyl
Concen: 40.175 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.4	60.4
76	12.0	0.0	31.9





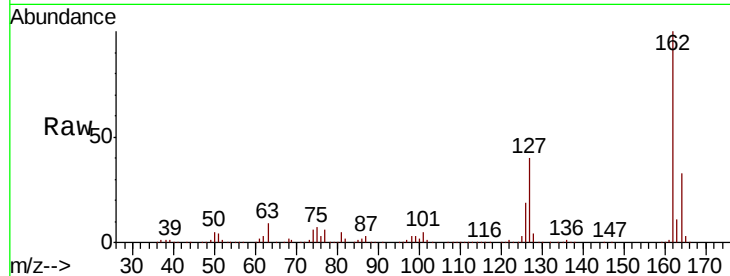
#47
 2-Chloronaphthalene
 Concen: 42.065 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

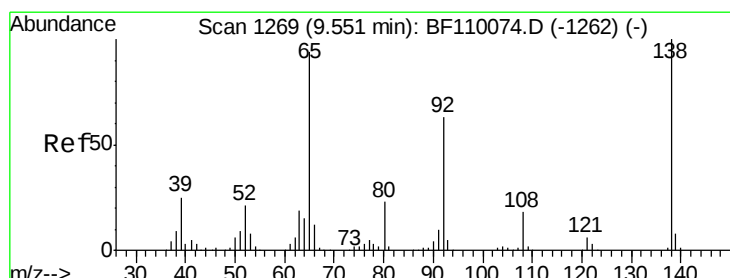
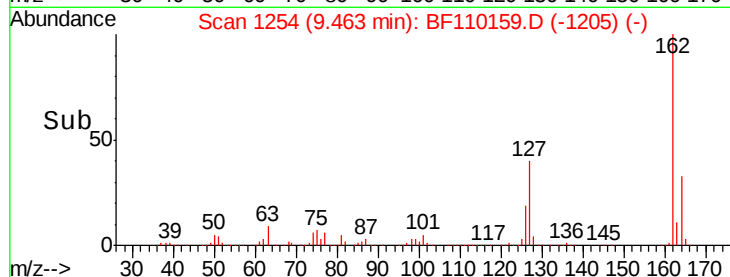
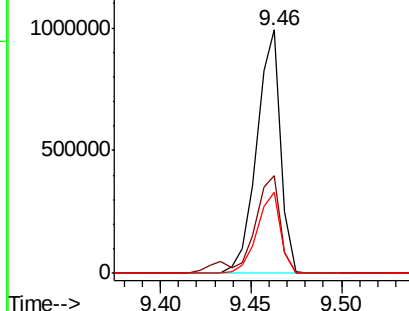
Tot Ion	Ratio	Resp	Lower	Upper
162	100	905691		
127	40.2		32.6	48.8
164	33.4		25.9	38.9

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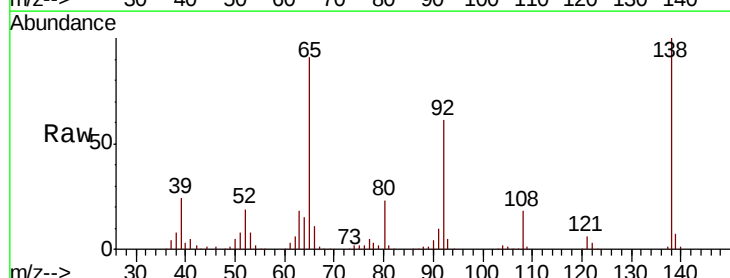


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

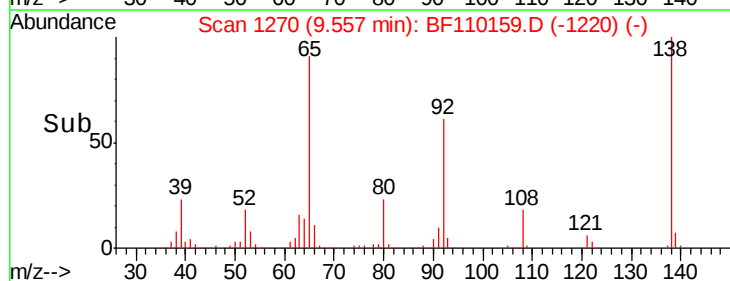
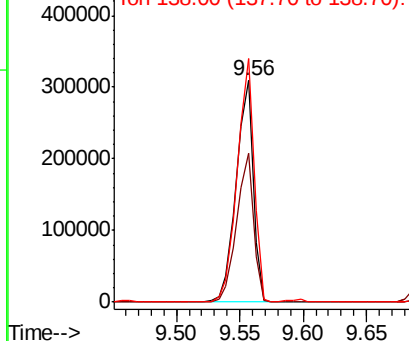


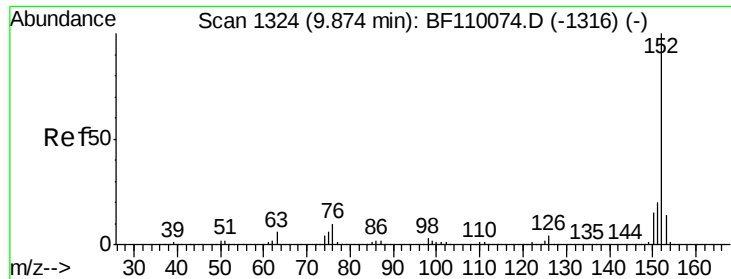
#48
 2-Nitroaniline
 Concen: 43.924 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	286580		
92	67.1		54.6	81.8
138	109.8		80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.889 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

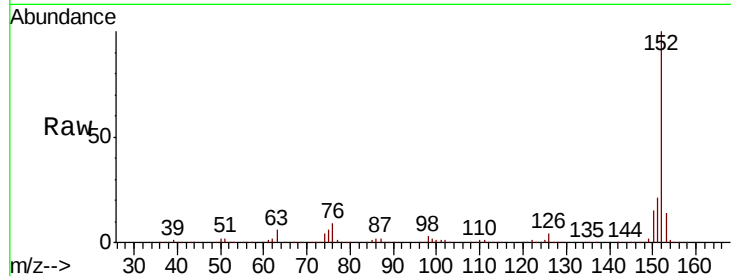
ClientSampleId :

SSSI-1018-S-DH-15MSD

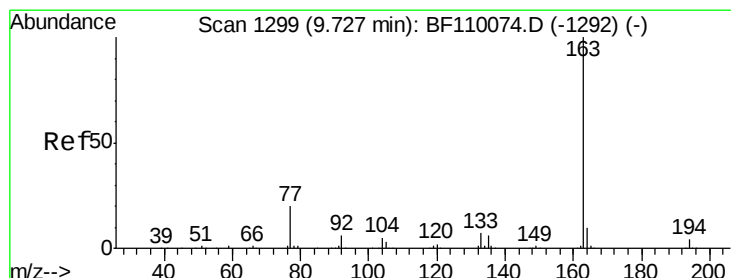
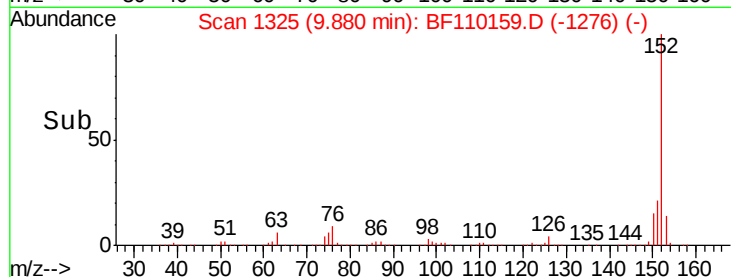
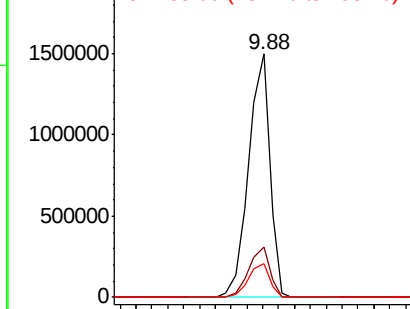
Tot Ion:	152	Resp:	1395971
Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	13.8	10.4	15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.979 ng

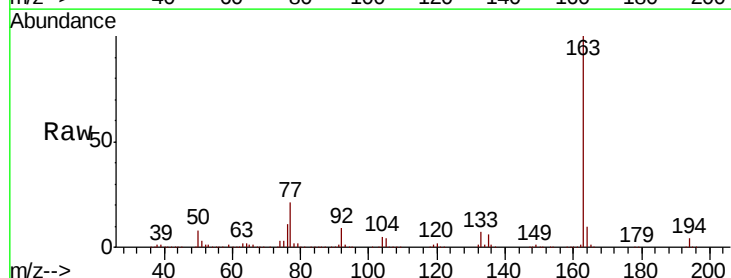
RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

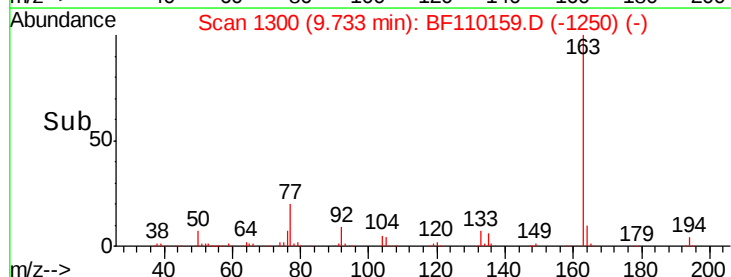
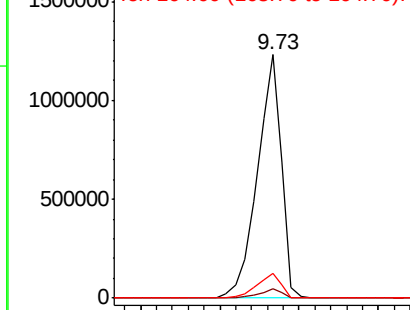
Lab File: BF110159.D

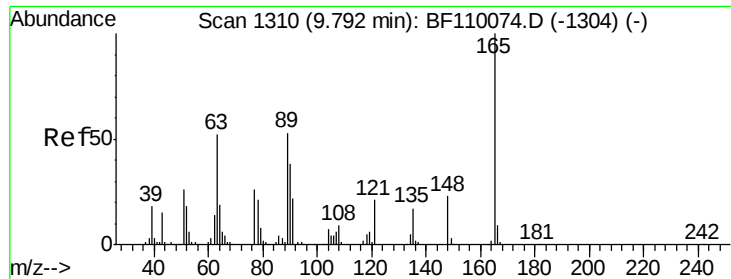
Acq: 25 Oct 2018 14:06

Tgt Ion:	163	Resp:	1293355
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.3	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





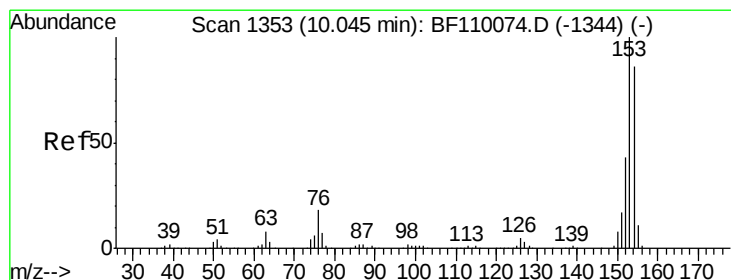
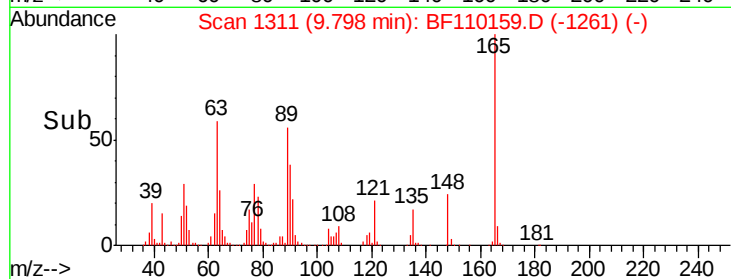
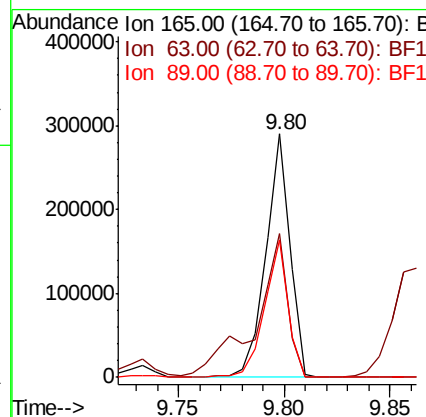
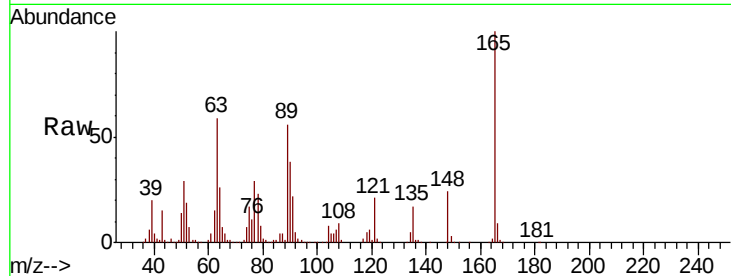
#51
2,6-Dinitrotoluene
Concen: 44.932 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231899		
63	59.0		48.9	73.3
89	56.2		46.6	69.8

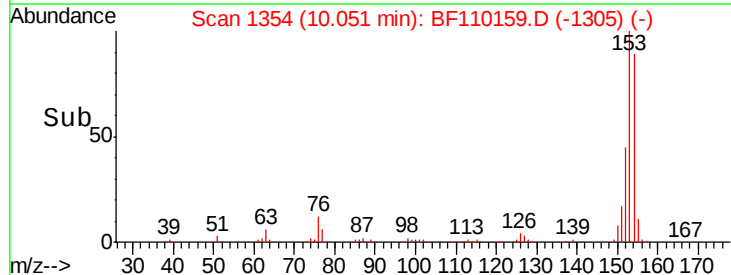
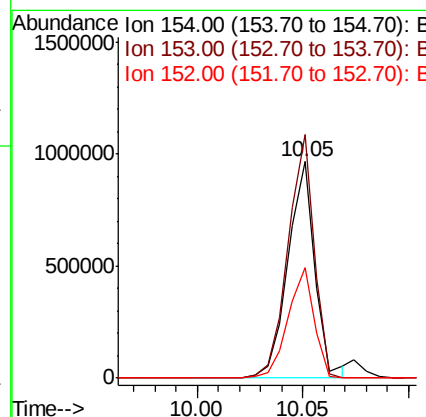
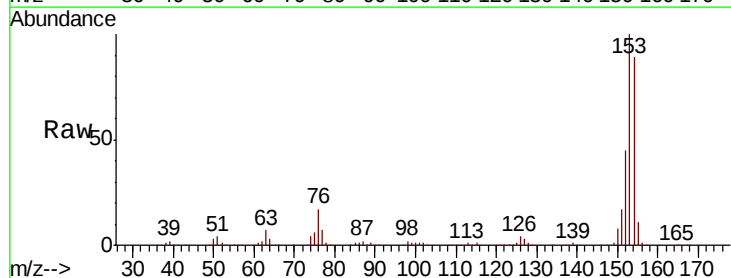
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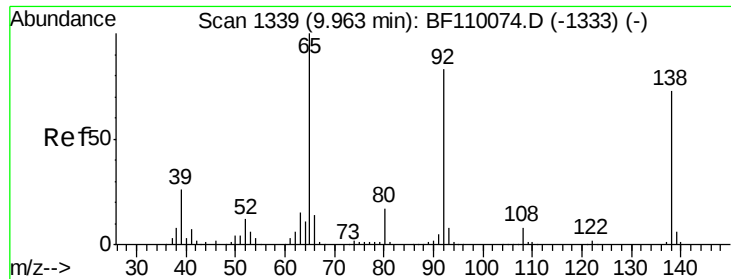
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#52
Acenaphthene
Concen: 41.903 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	862073		
153	112.6		90.1	135.1
152	51.1		43.4	65.2





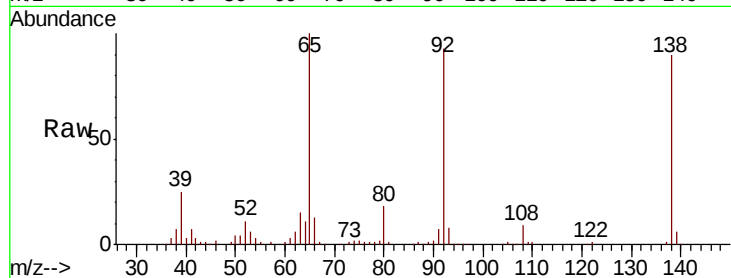
#53
3-Nitroaniline
Concen: 20.340 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.7	13.1
92	103.2	97.0	145.4

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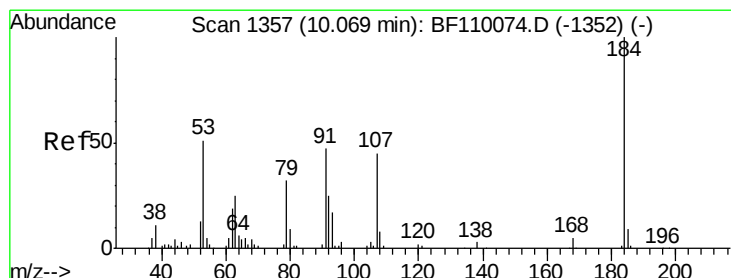
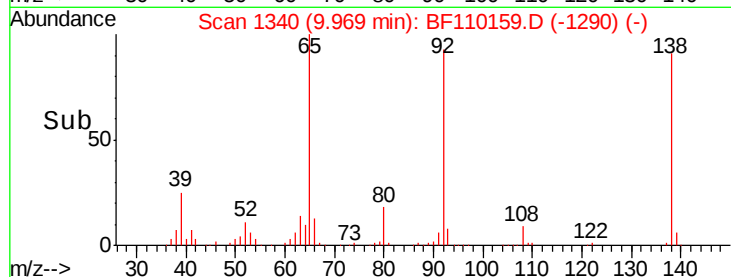
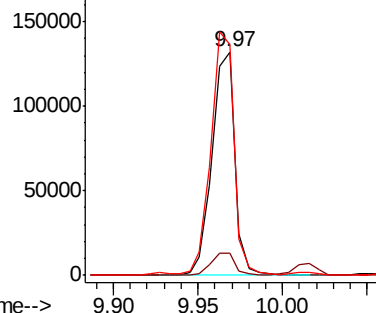


Abundance

Ion 138.00 (137.70 to 138.70): E

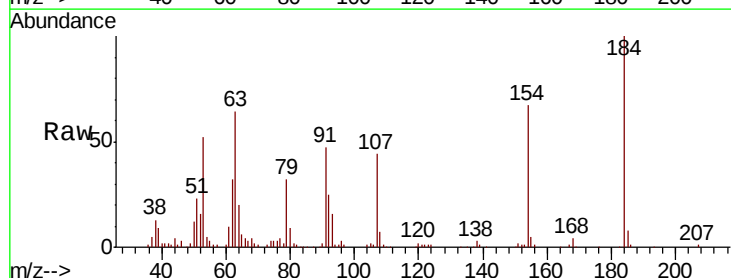
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 50.996 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.6	55.8	83.6
154	66.7	63.2	94.8

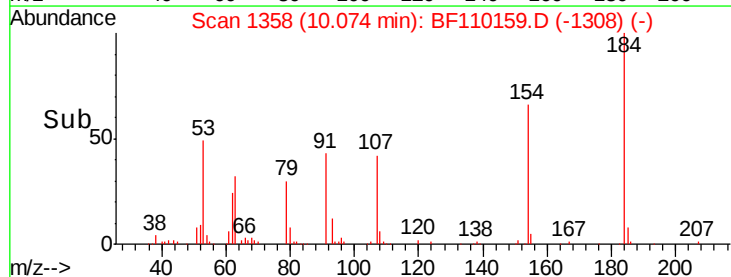
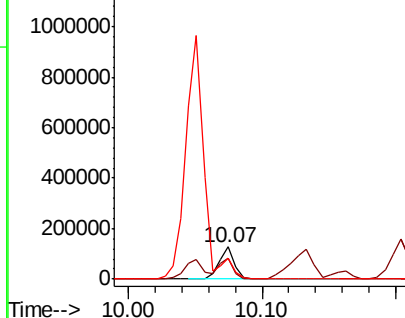


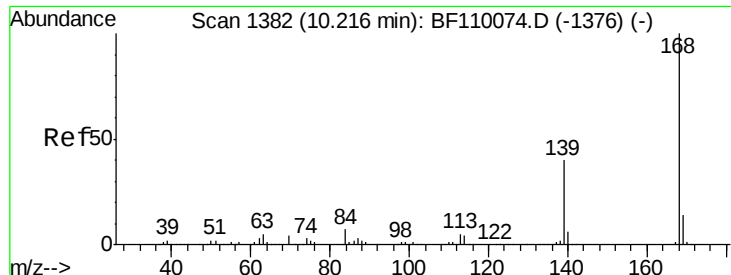
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





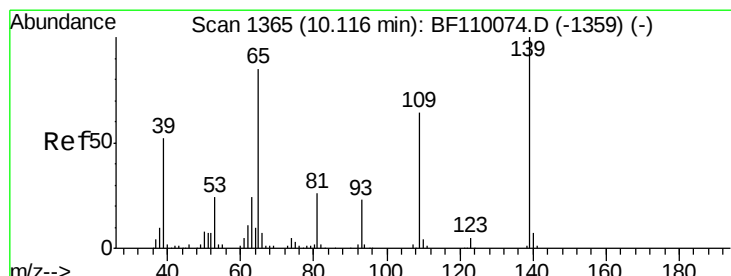
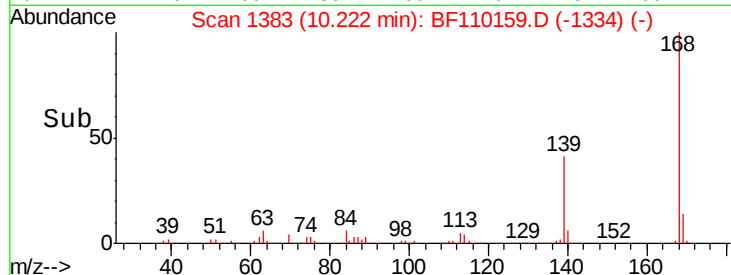
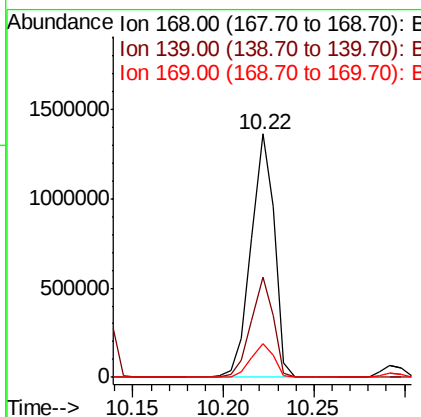
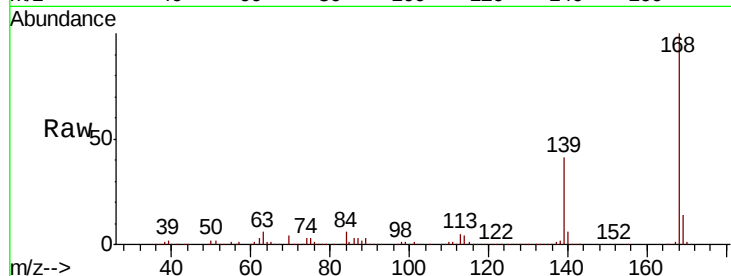
#55
Dibenzenofuran
Concen: 42.123 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.0	49.6
169	13.8	11.3	16.9

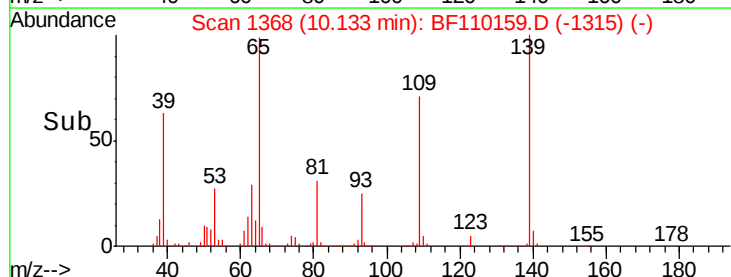
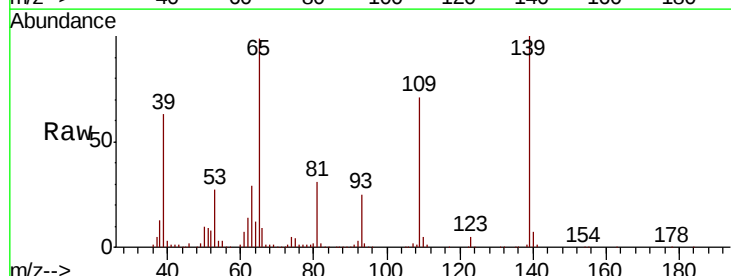
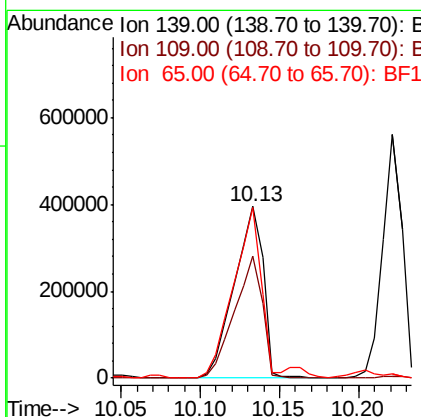
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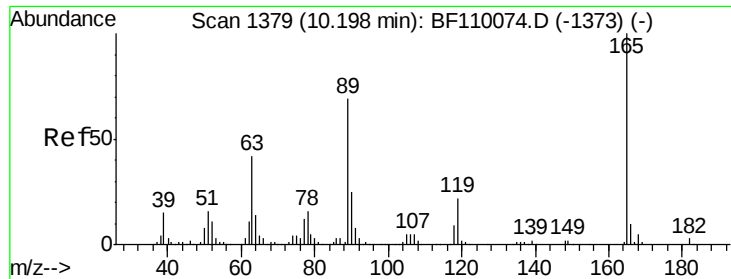
Sohil
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#56
4-Nitrophenol
Concen: 109.901 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.0	55.8	95.8
65	99.2	77.9	117.9





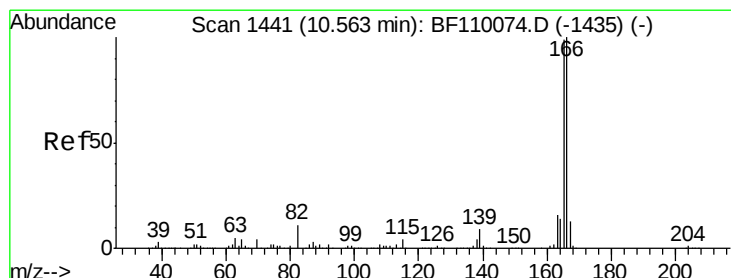
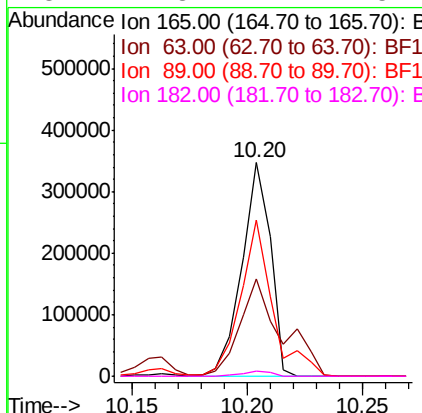
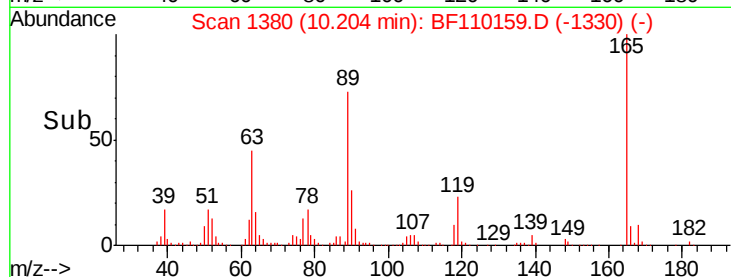
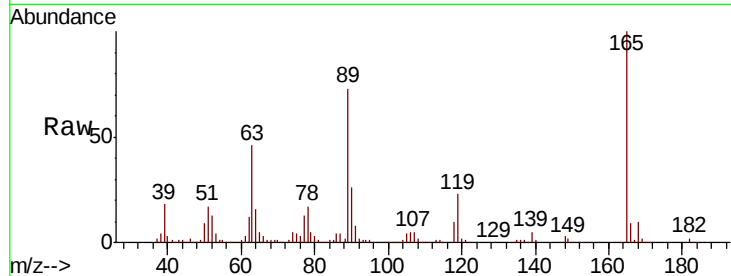
#57
2,4-Dinitrotoluene
Concen: 46.341 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.5	44.8	67.2
89	73.0	62.2	93.4
182	2.3	2.1	3.1

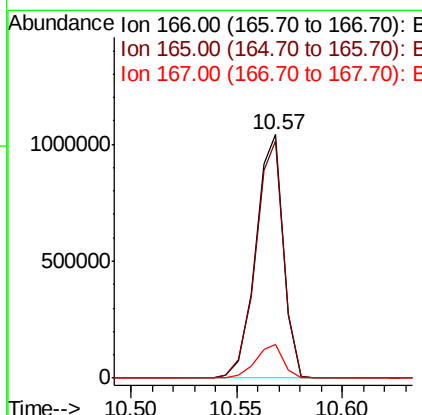
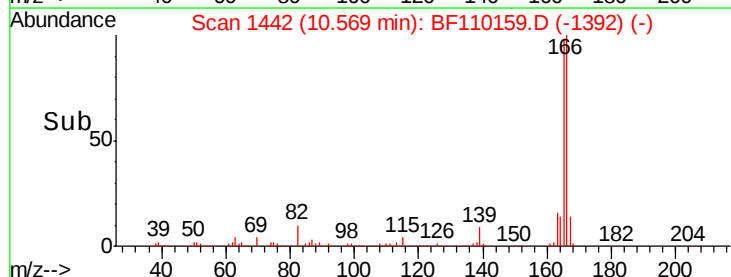
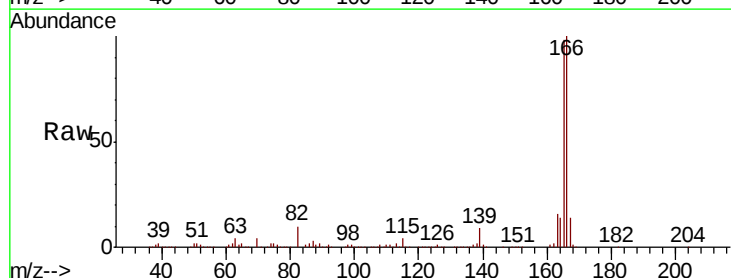
Manual Integrations
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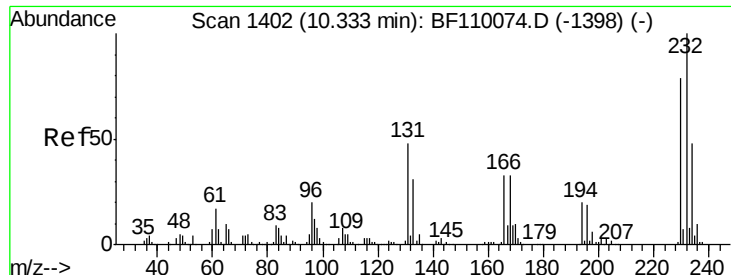
Sohil
10/26/2018 3:49:15 PM



#58
Fluorene
Concen: 44.229 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.6	10.8	16.2





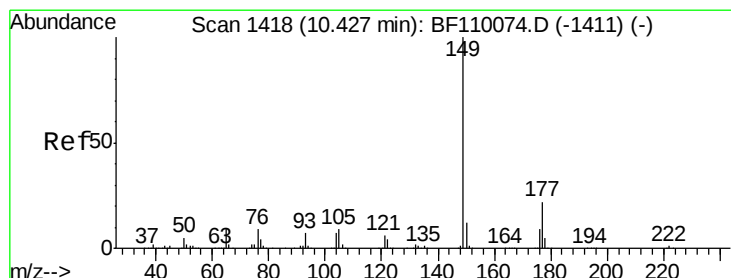
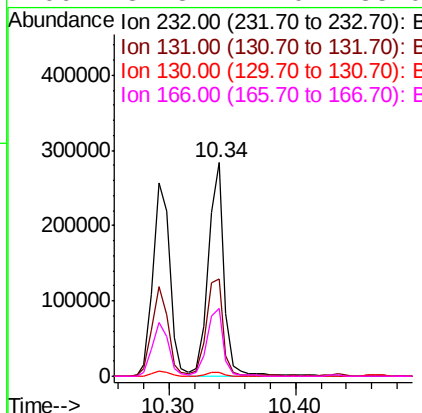
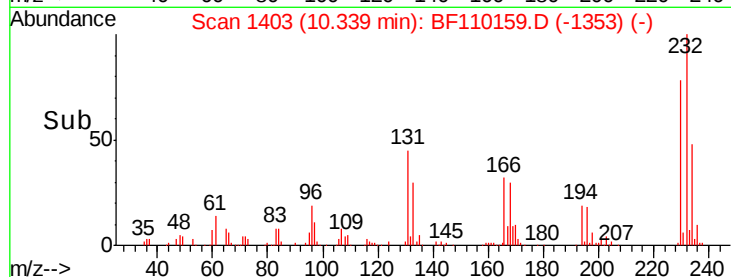
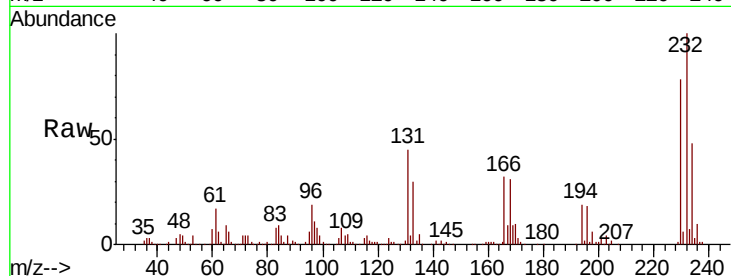
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.750 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.6	37.0	55.4
130	2.5	1.8	2.6
166	32.8	22.0	33.0

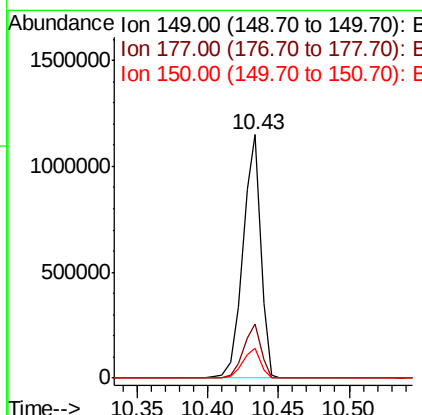
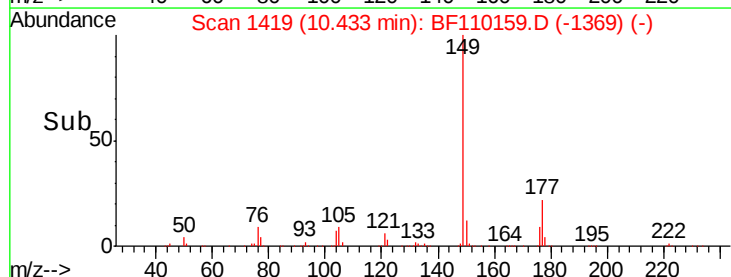
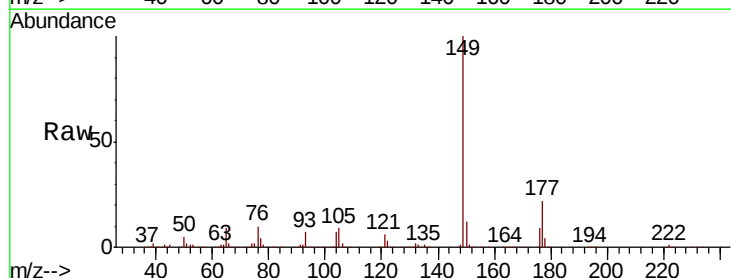
Manual Integrations
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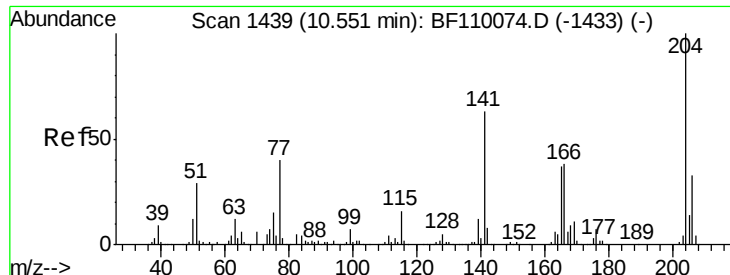
Sohil
 10/26/2018 3:49:15 PM



#60
 Diethylphthalate
 Concen: 42.946 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.3	9.8	14.8





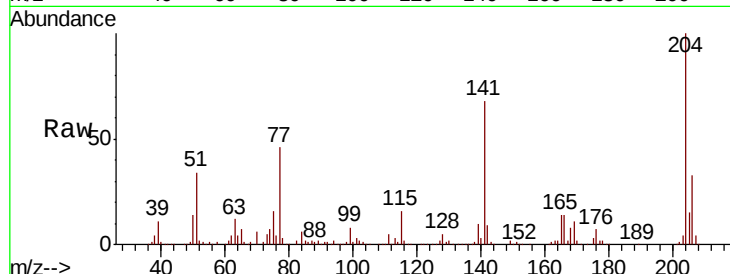
#61
4-Chlorophenyl-phenylether
Concen: 39.693 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	68.5	51.8	77.8

Manual Integrations
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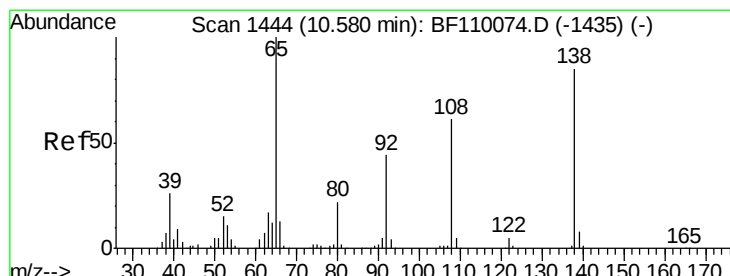
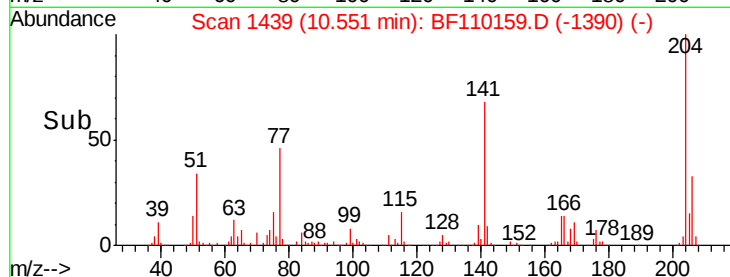
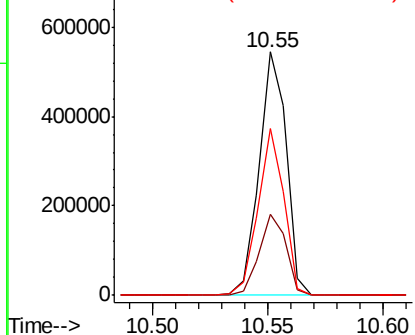


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.173 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

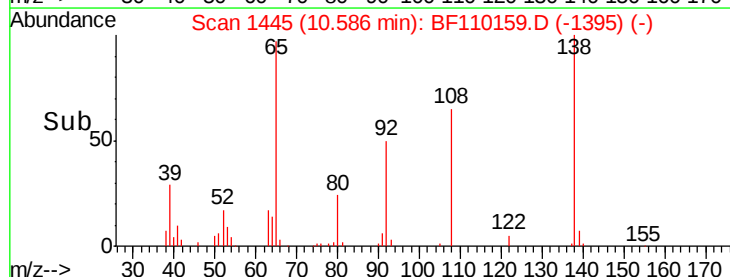
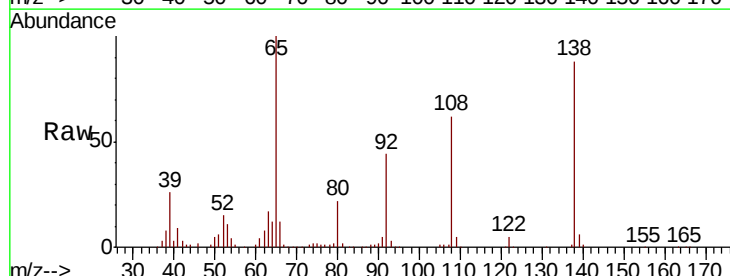
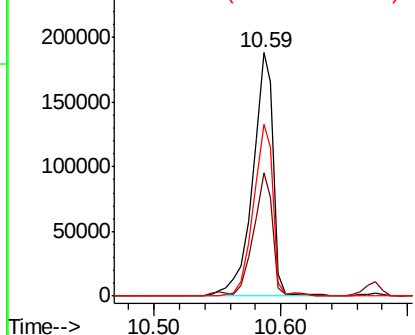
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	70.6	59.3	99.3

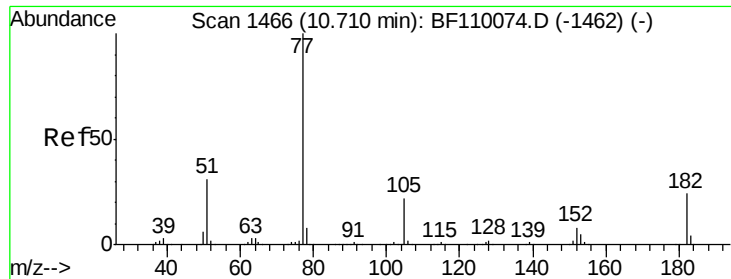
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





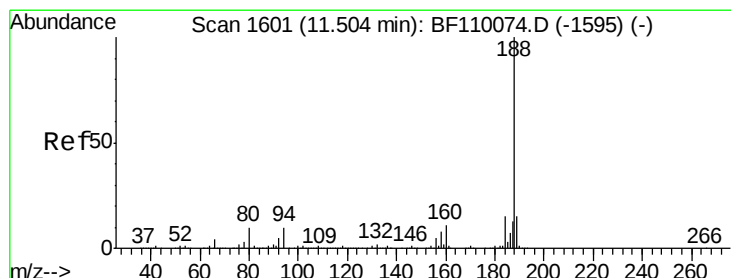
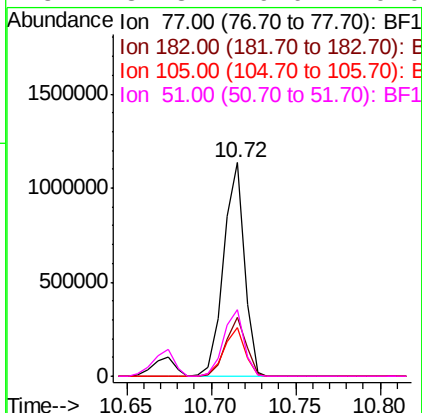
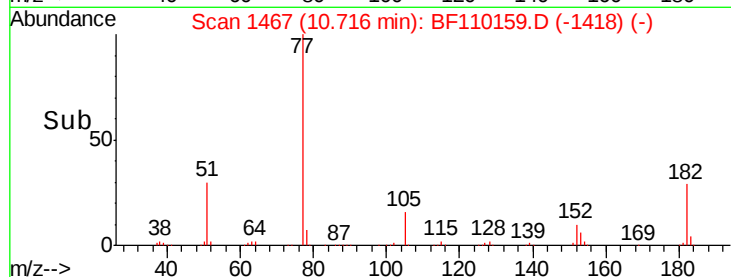
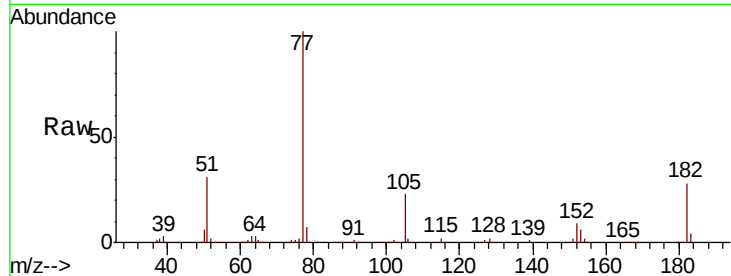
#63
Azobenzene
Concen: 41.859 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	4.3	44.3
105	22.9	1.3	41.3
51	31.3	9.0	49.0

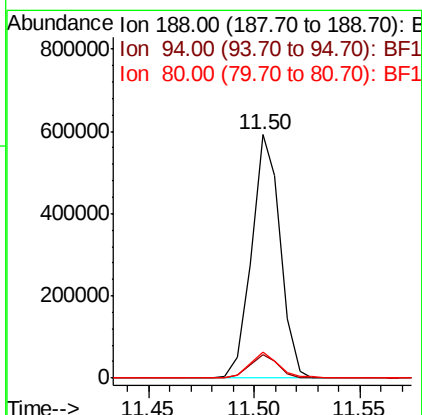
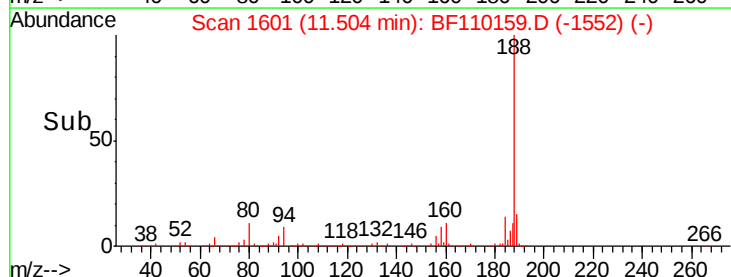
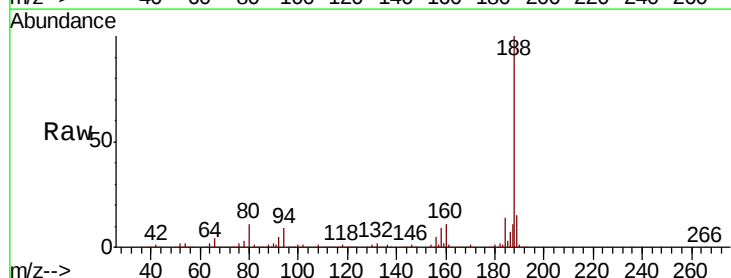
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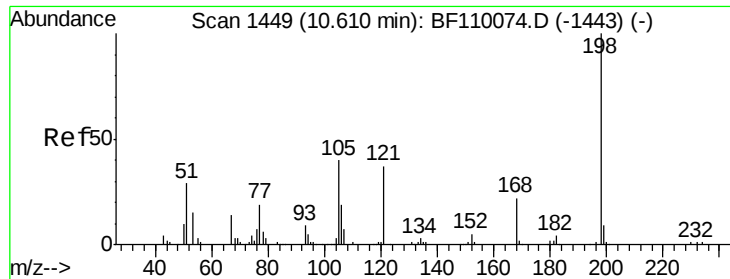
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.9	7.9	11.9





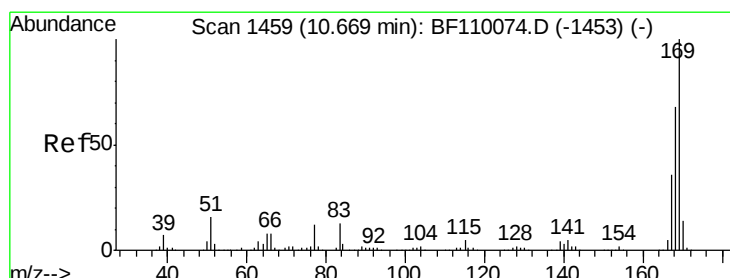
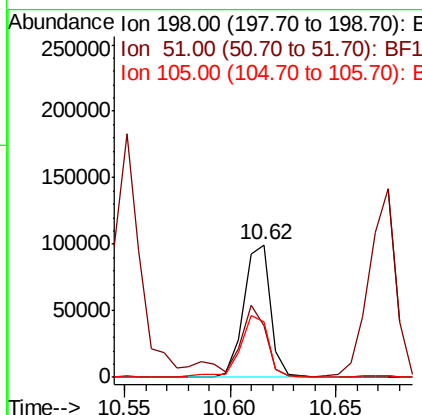
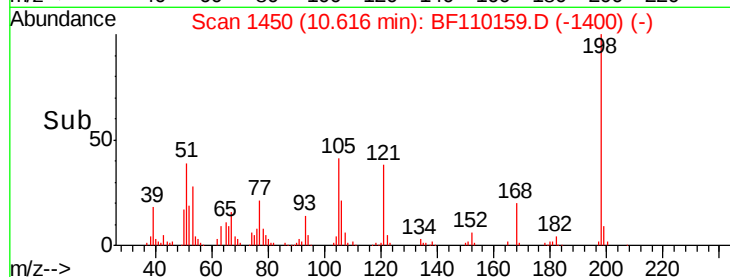
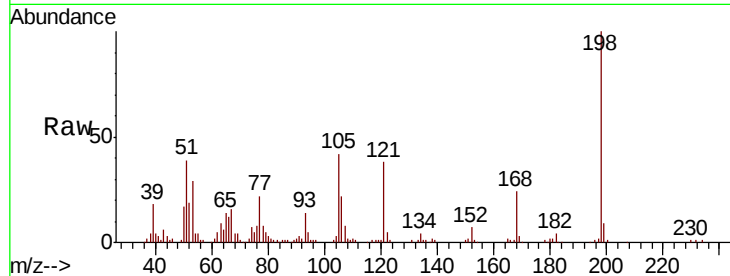
#65
4,6-Dinitro-2-methylphenol
Concen: 34.314 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.3	22.8	62.8
105	41.6	23.6	63.6

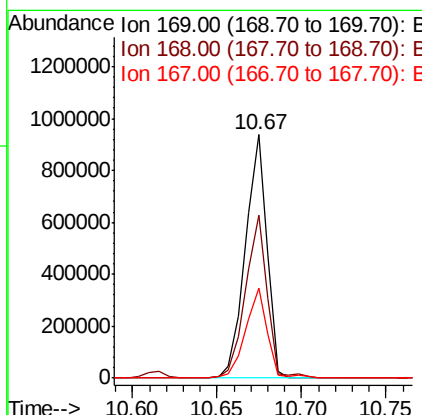
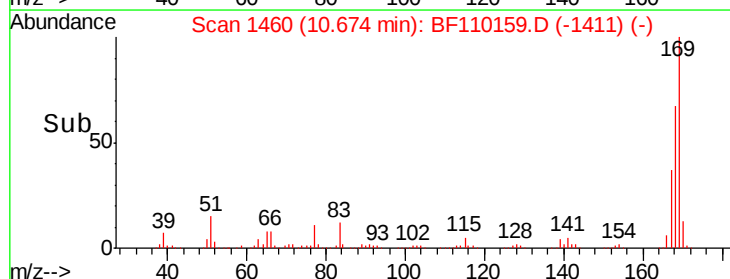
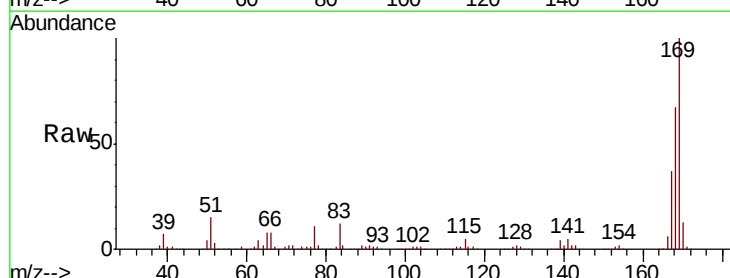
Manual Integrations
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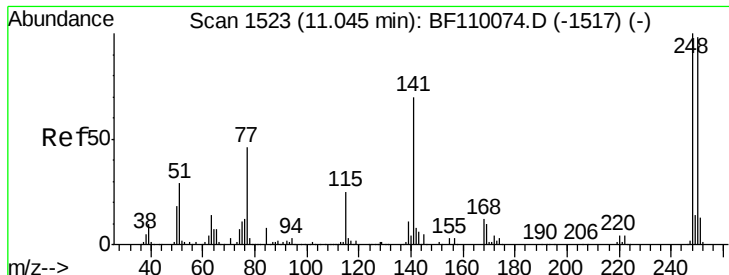
Sohil
10/26/2018 3:49:15 PM



#66
n-Nitrosodiphenylamine
Concen: 45.949 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	51.2	76.8
167	36.8	27.8	41.6





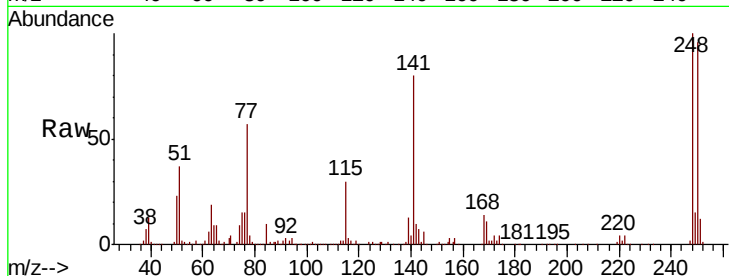
#67
4-Bromophenyl-phenylether
Concen: 45.169 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.4	119.2
141	79.7	55.9	83.9

Manual Integrations
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Sohil
10/26/2018 3:49:15 PM

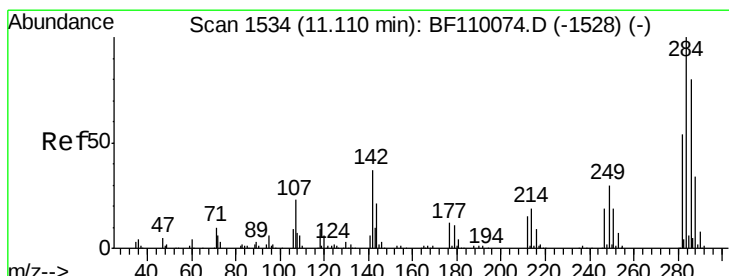
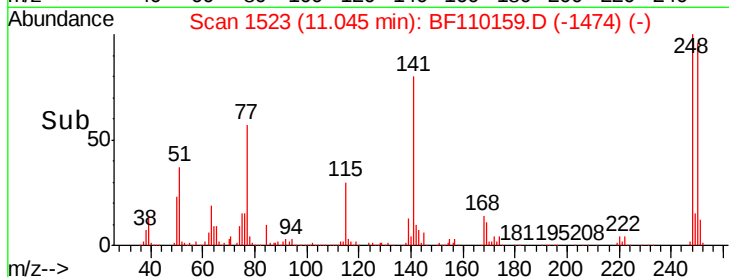
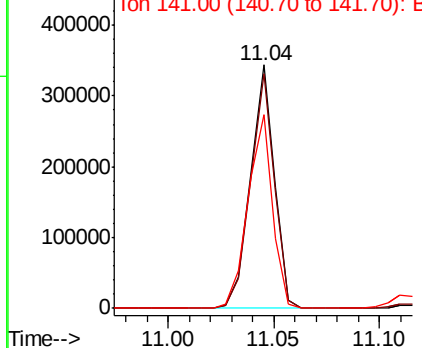


Abundance

Ion 248.00 (247.70 to 248.70): E

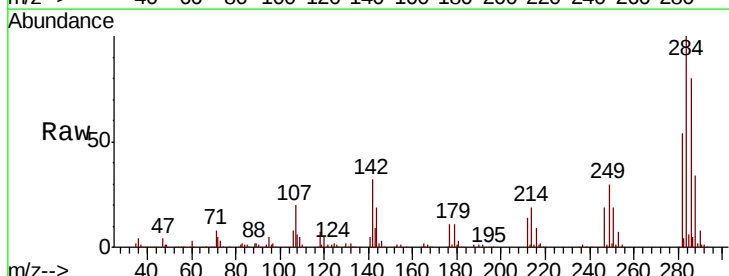
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.630 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.9	35.9
249	30.1	24.2	36.2

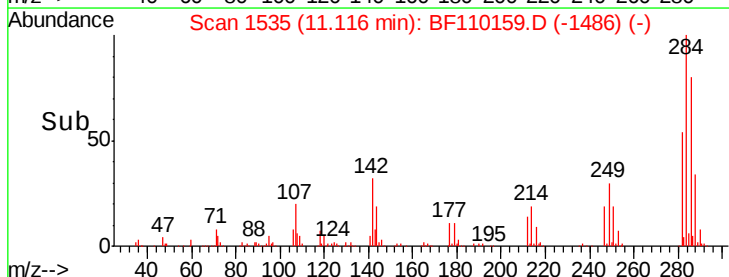
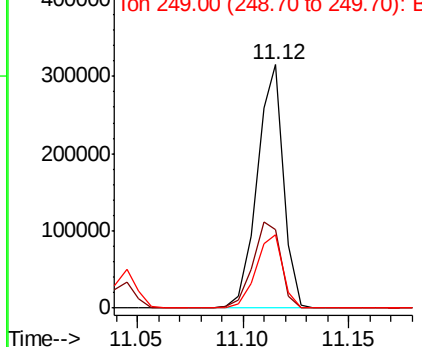


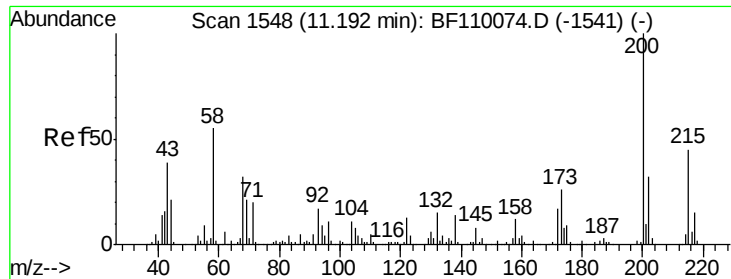
Abundance

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





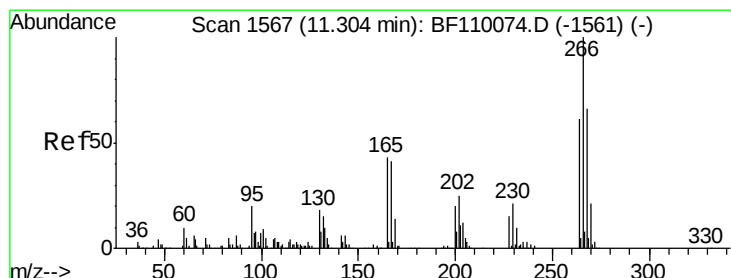
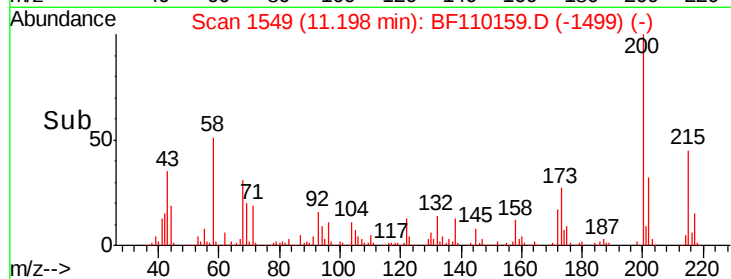
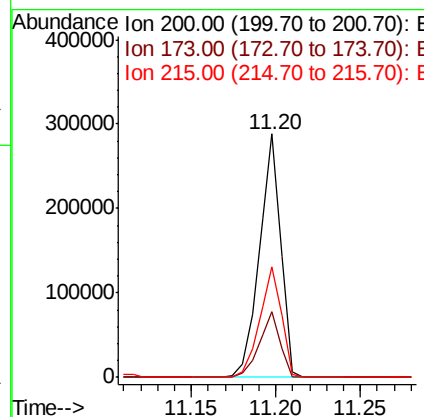
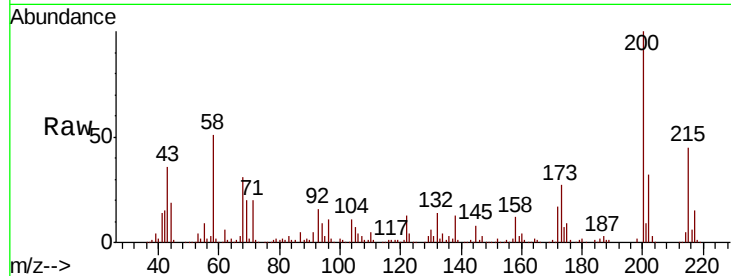
#69
Atrazine
Concen: 44.220 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.7	6.6	46.6
215	45.5	26.3	66.3

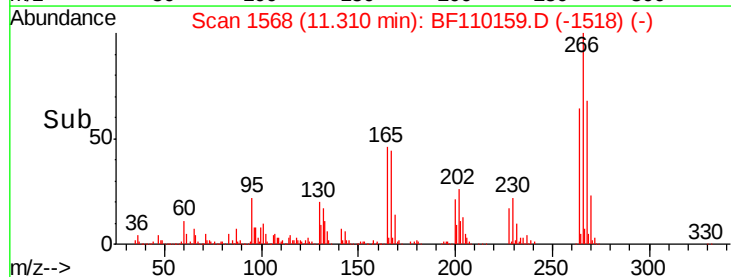
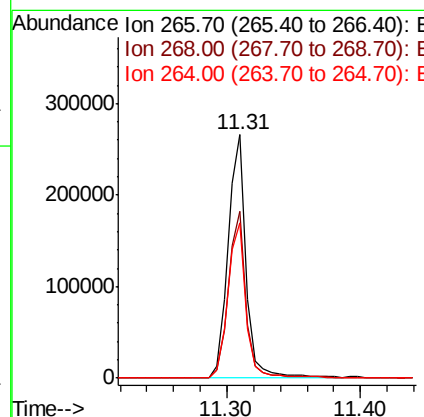
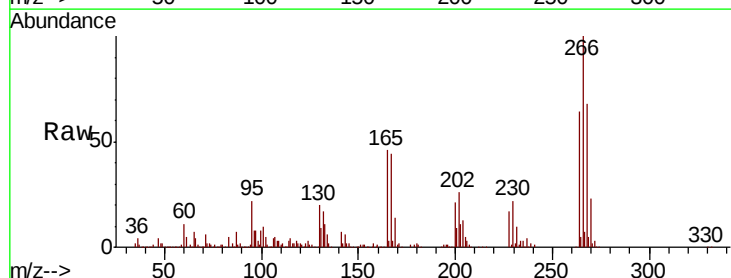
Manual Integrations
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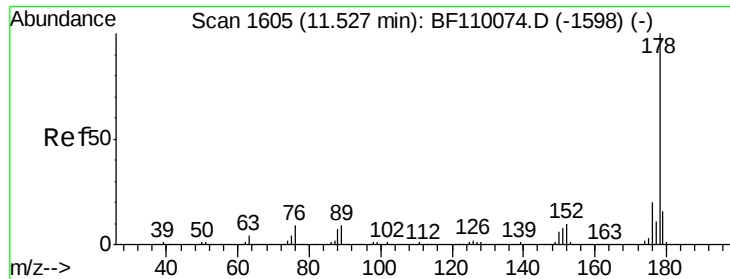
Sohil
10/26/2018 3:49:15 PM



#70
Pentachlorophenol
Concen: 68.321 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.5	50.6	75.8
264	63.6	50.6	75.8





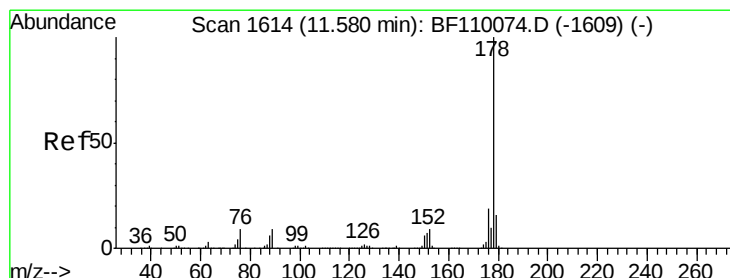
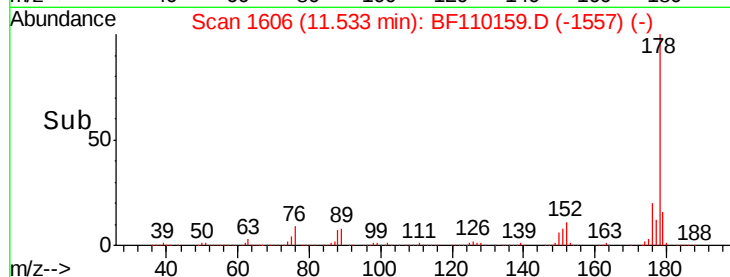
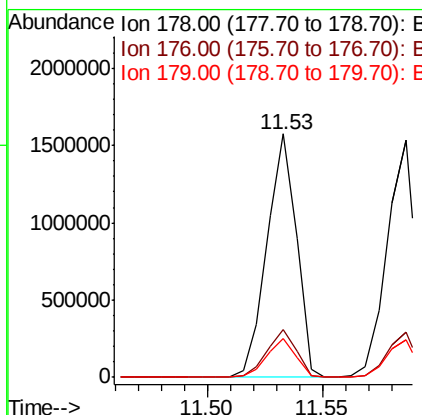
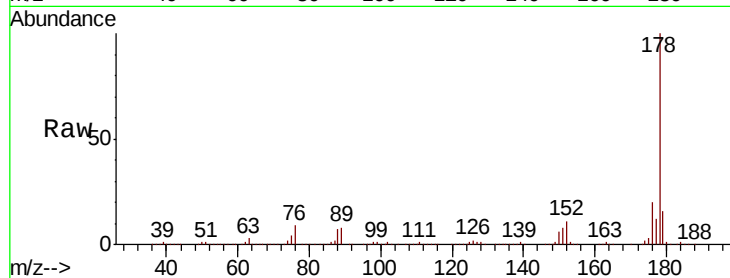
#71
Phenanthrene
Concen: 48.310 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.9	12.5	18.7

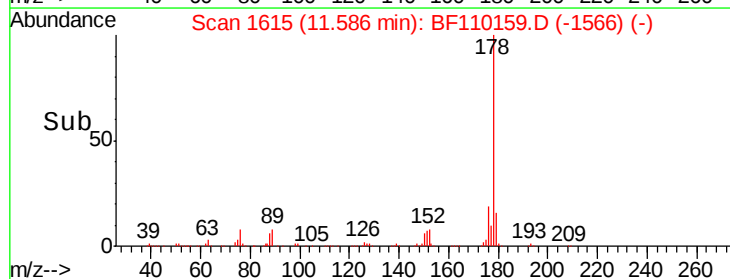
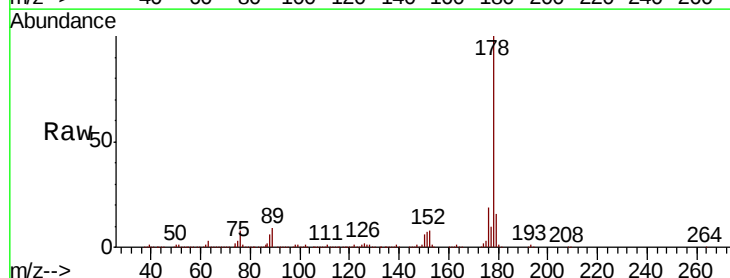
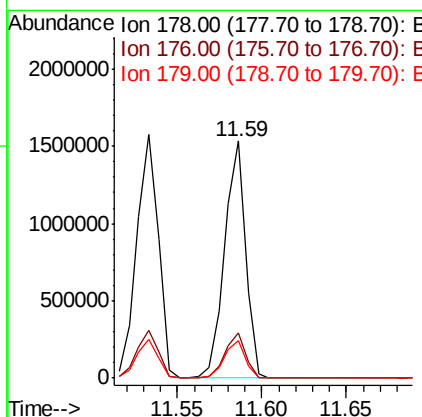
Manual Integrations
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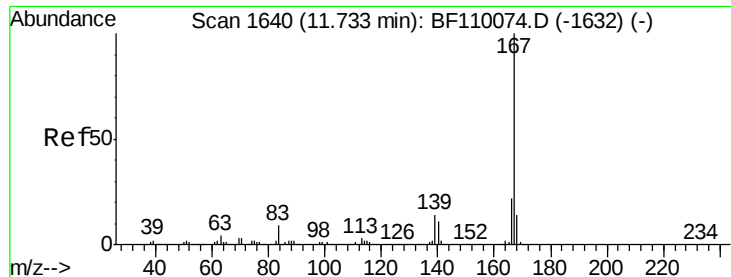
Sohil
10/26/2018 3:49:15 PM



#72
Anthracene
Concen: 45.360 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	18.8





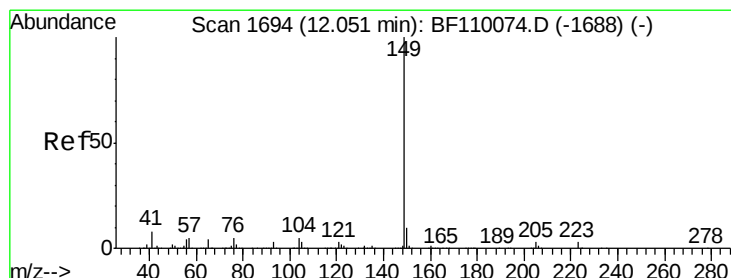
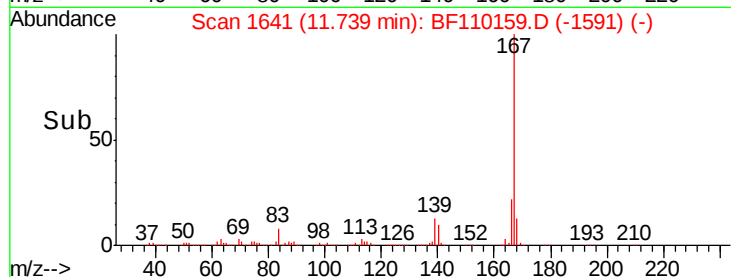
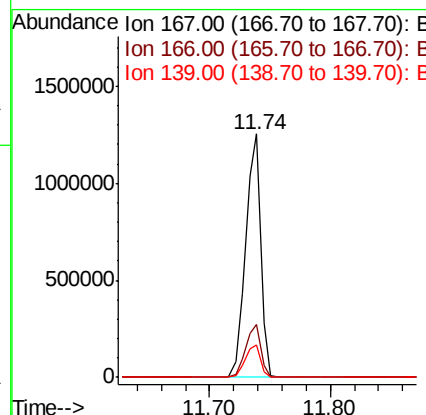
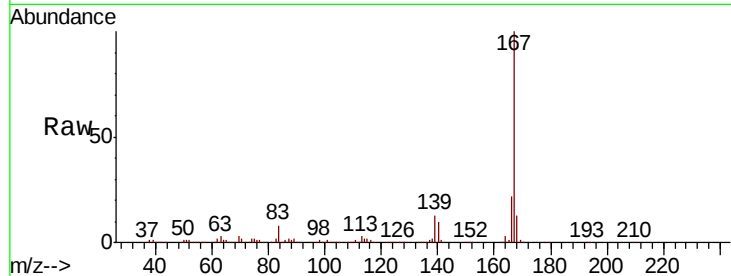
#73
 Carbazole
 Concen: 38.737 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion:167 Resp: 1101675
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.3 10.9 16.3

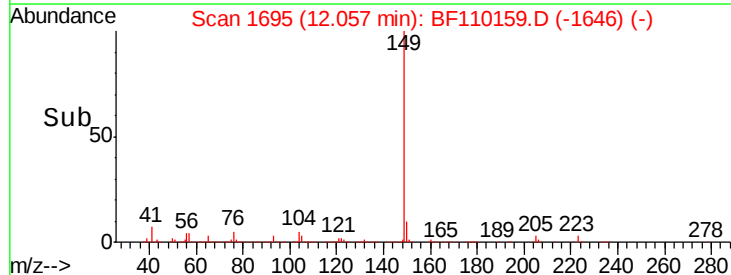
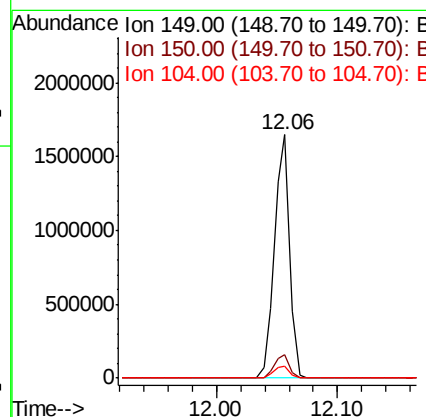
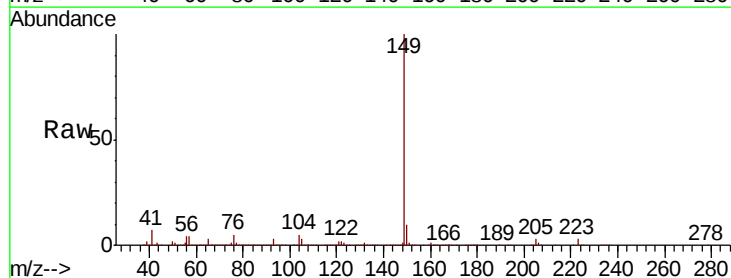
Manual Integrations
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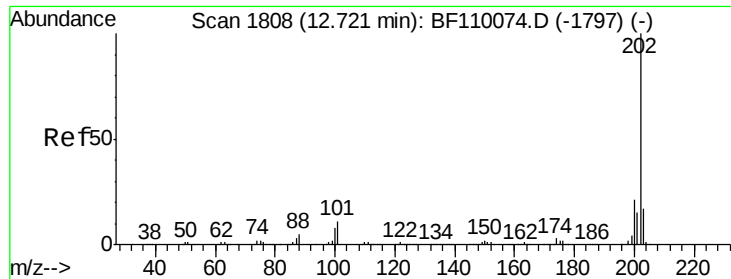
Sohil
 10/26/2018 3:49:15 PM



#74
 Di-n-butylphthalate
 Concen: 44.073 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion:149 Resp: 1415608
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 41.999 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

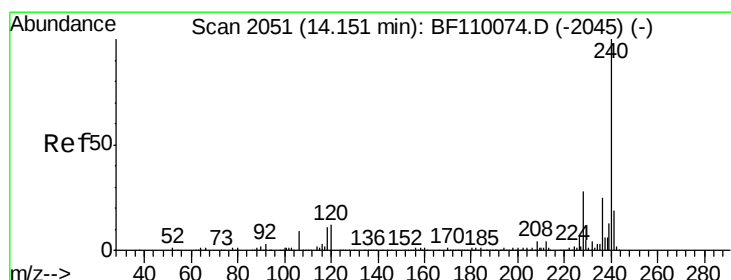
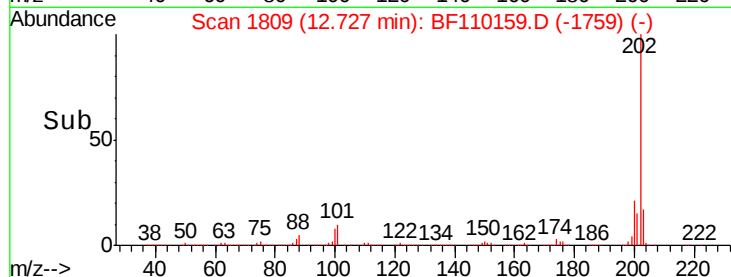
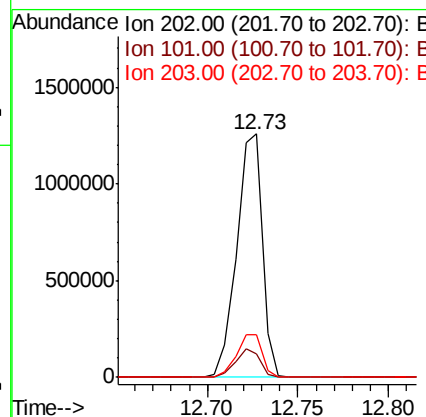
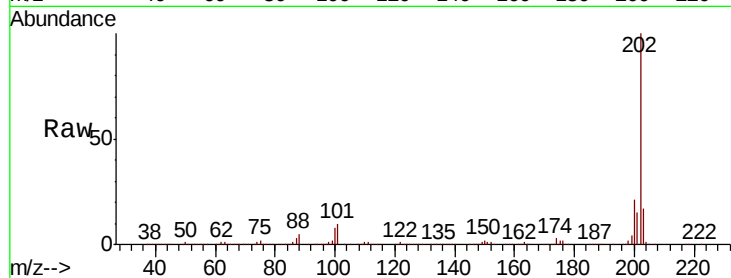
ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

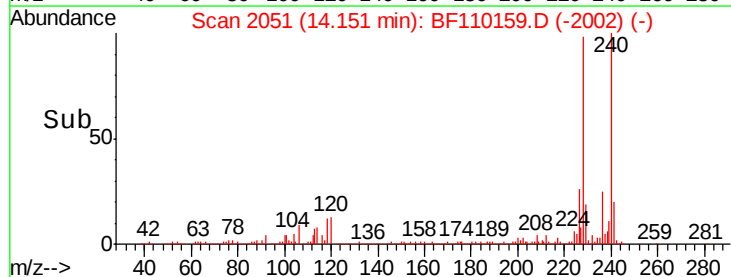
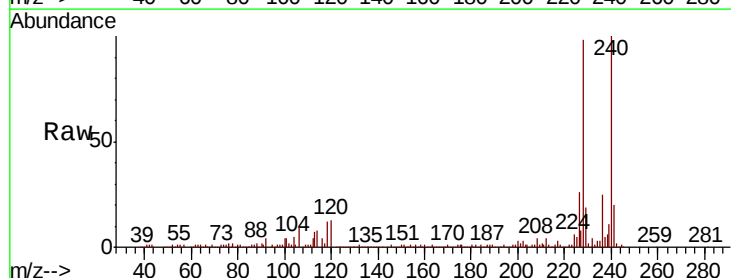
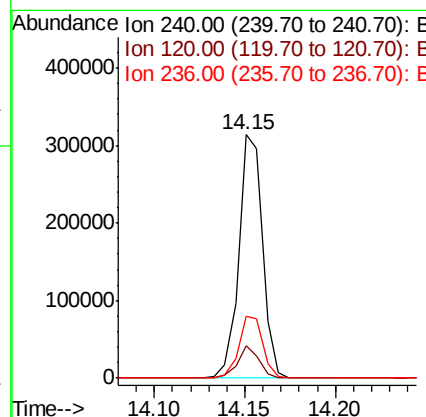
RT: 14.15 min Scan# 2051

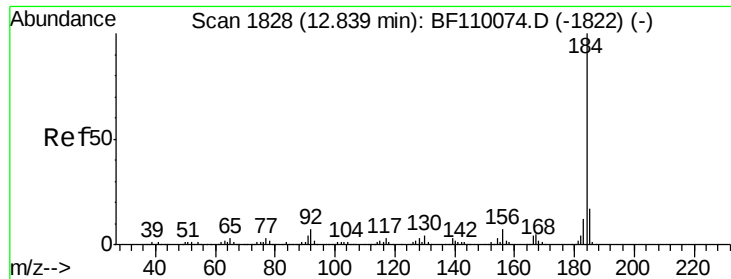
Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	25.2	21.2	31.8





#77

Benzidine

Concen: 21.574 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

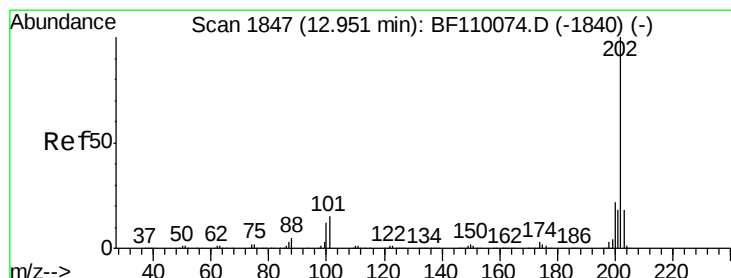
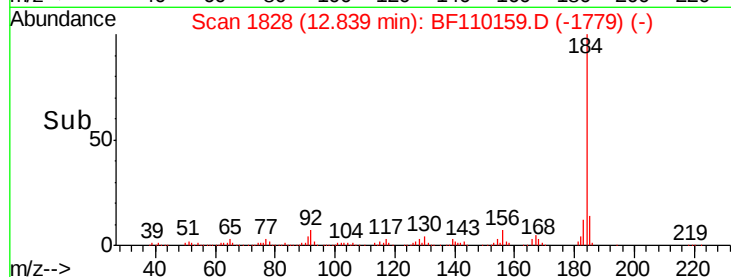
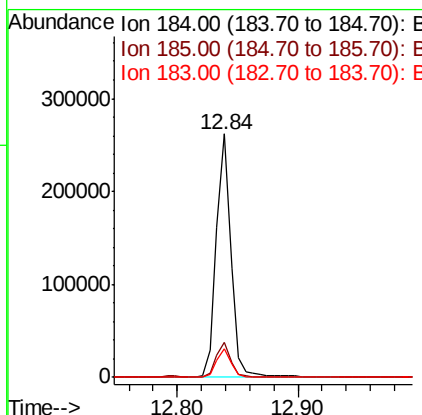
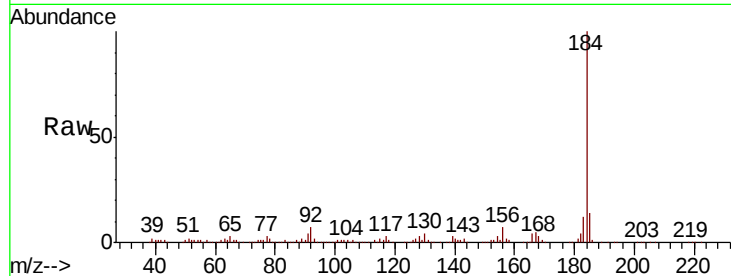
ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:184	Resp:	218734
Ion Ratio	Lower	Upper
184	100	
185	14.3	13.4 20.2
183	11.8	9.4 14.2

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#78

Pyrene

Concen: 56.462 ng

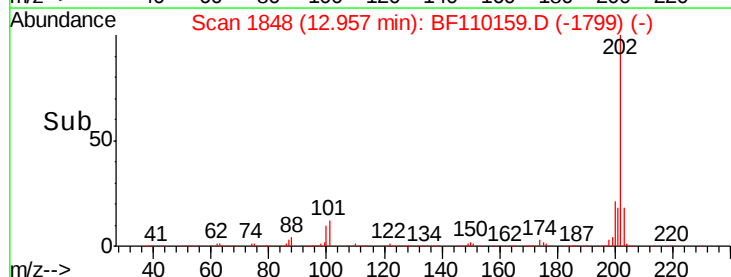
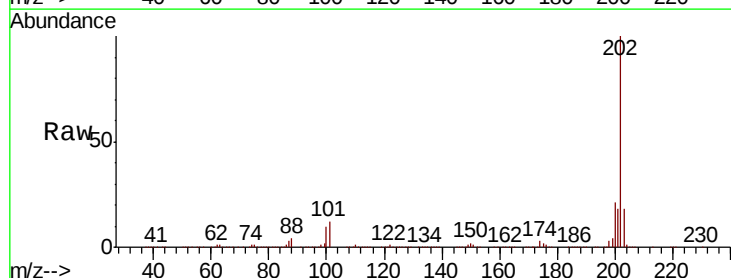
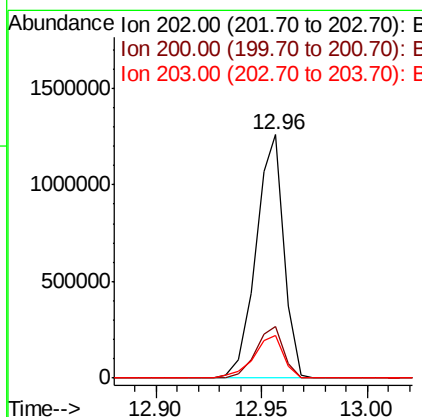
RT: 12.96 min Scan# 1848

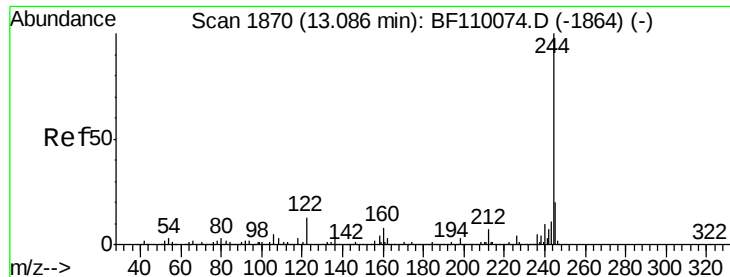
Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Tgt Ion:202	Resp:	1156608
Ion Ratio	Lower	Upper
202	100	
200	21.3	17.8 26.6
203	17.6	14.2 21.4





#79

Terphenyl-d14

Concen: 98.787 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

Instrument :

BNA_F

ClientSampleId :

SSSI-1018-S-DH-15MSD

Tot Ion:244 Resp: 1357249

Ion Ratio Lower Upper

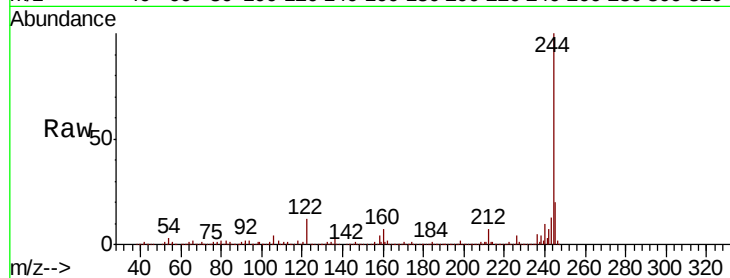
244 100

212 6.8 5.8 8.8

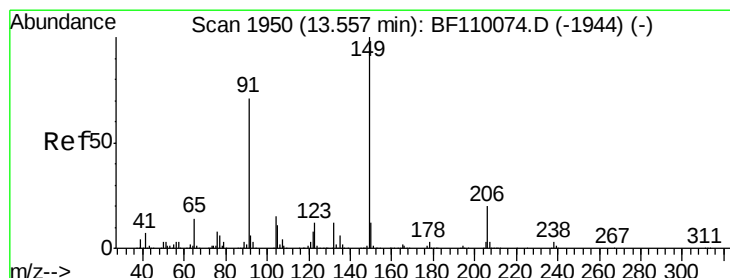
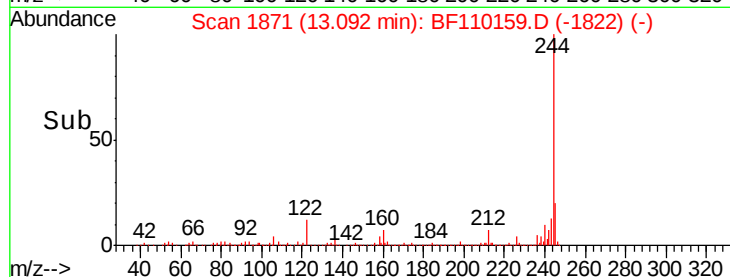
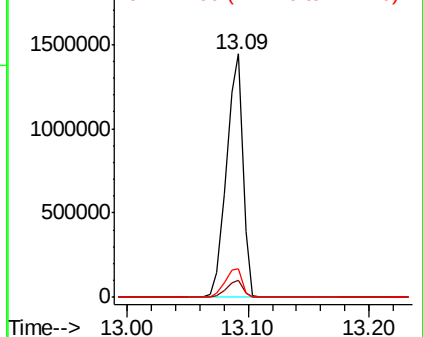
122 11.6 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.759 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110159.D

Acq: 25 Oct 2018 14:06

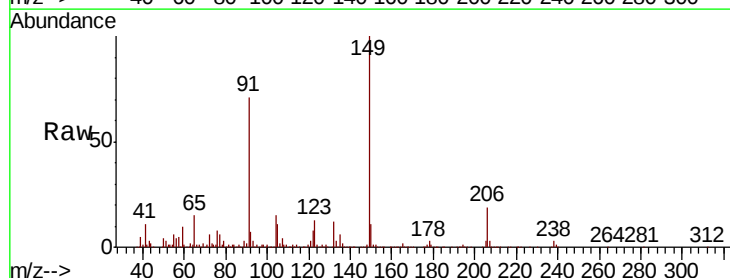
Tgt Ion:149 Resp: 451308

Ion Ratio Lower Upper

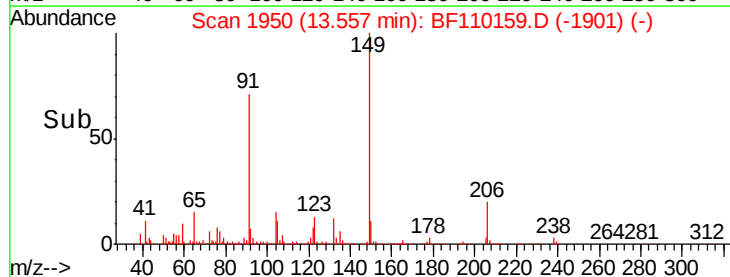
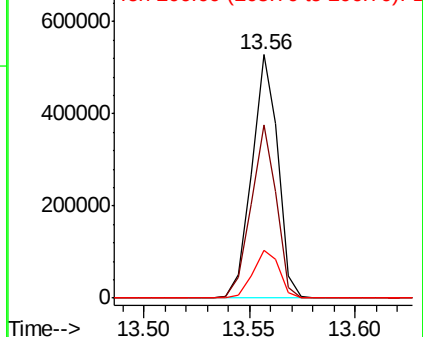
149 100

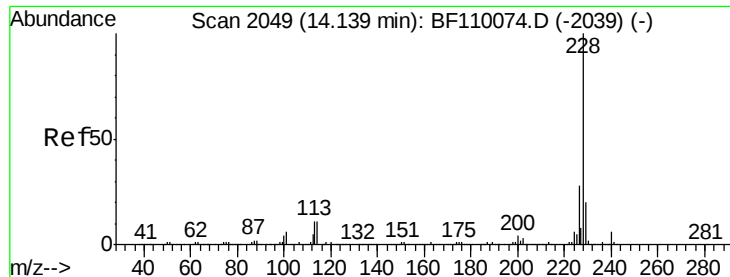
91 71.4 57.2 85.8

206 19.5 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
600000
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





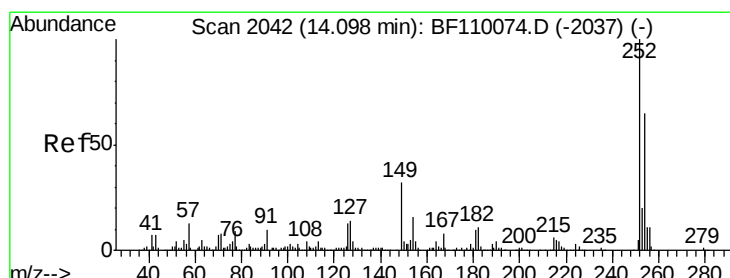
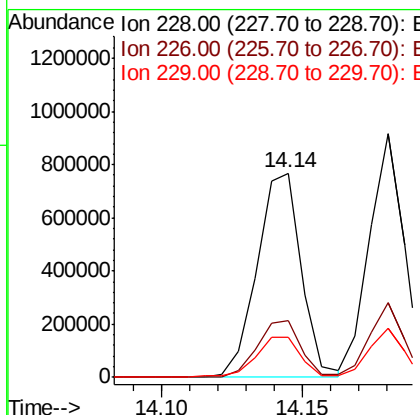
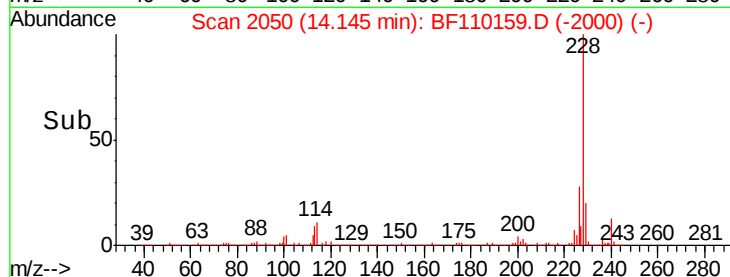
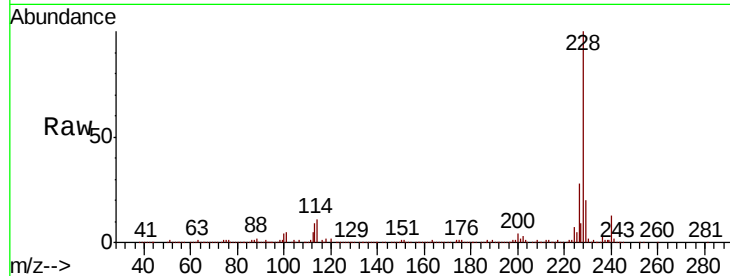
#81
Benzo(a)anthracene
Concen: 49.154 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.9	15.6	23.4

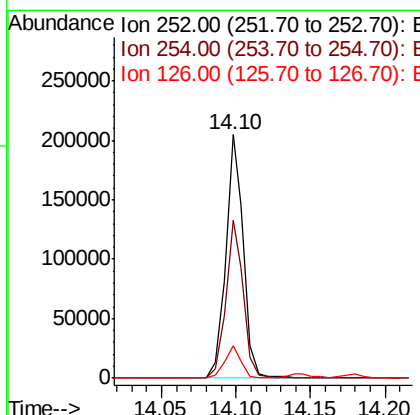
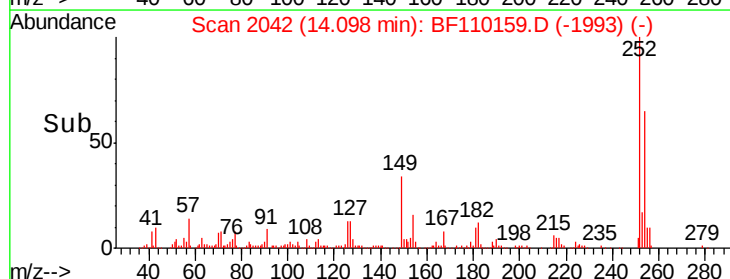
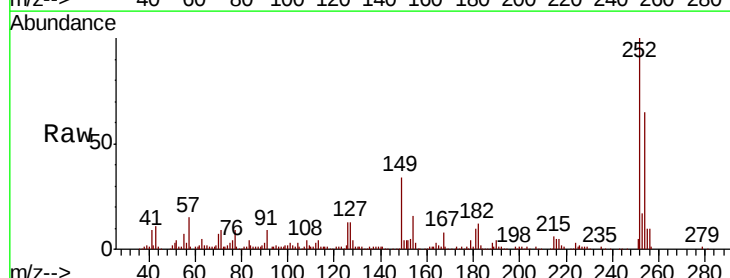
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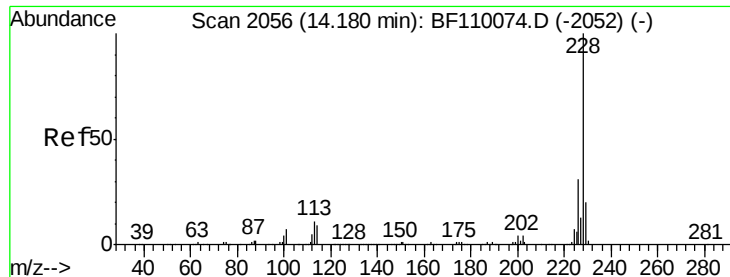
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#82
3,3'-Dichlorobenzidine
Concen: 28.808 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	13.2	9.4	14.2





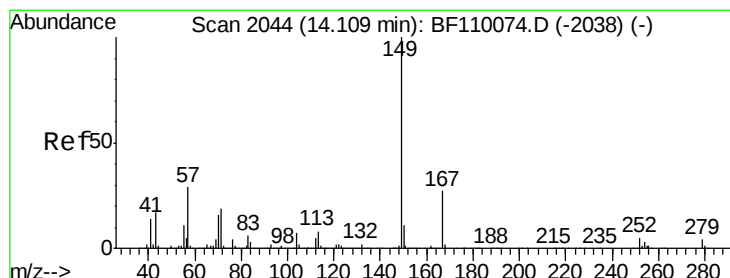
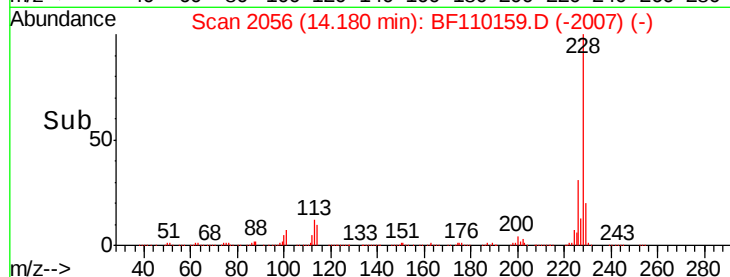
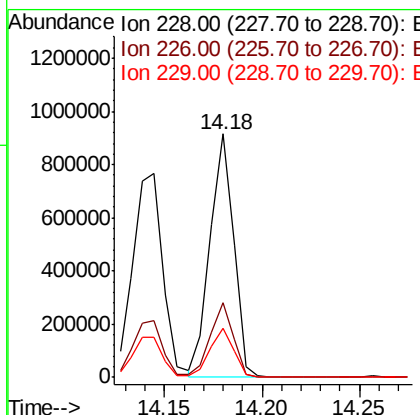
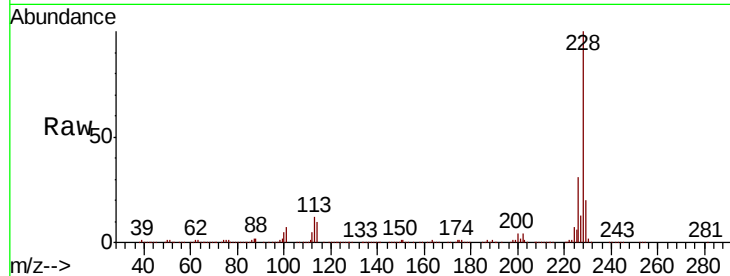
#83
 Chrysene
 Concen: 47.970 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	19.9	15.9	23.9

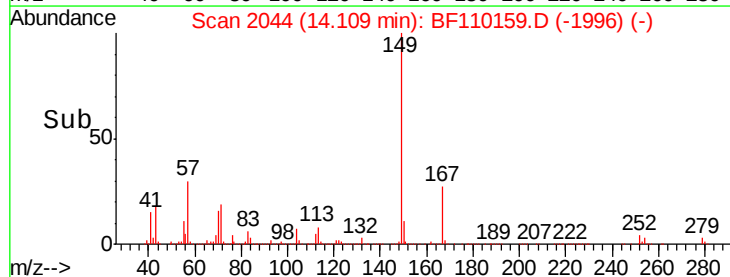
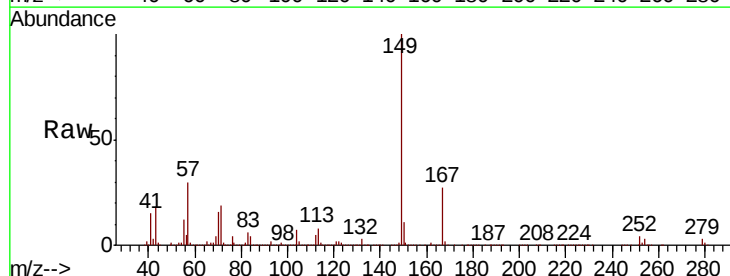
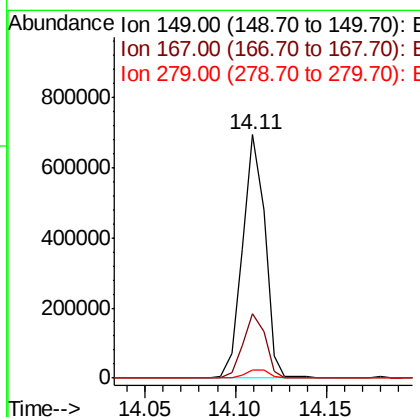
Manual Integrations
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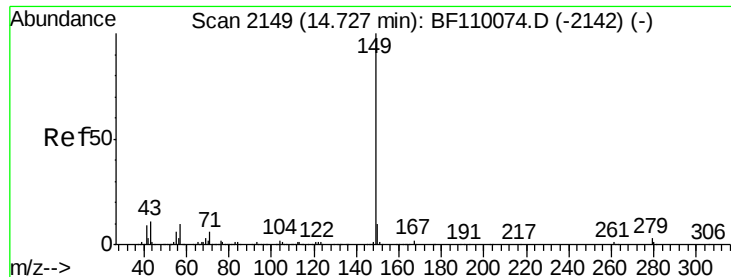
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.697 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BF110159.D
 Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.4	2.7	4.1





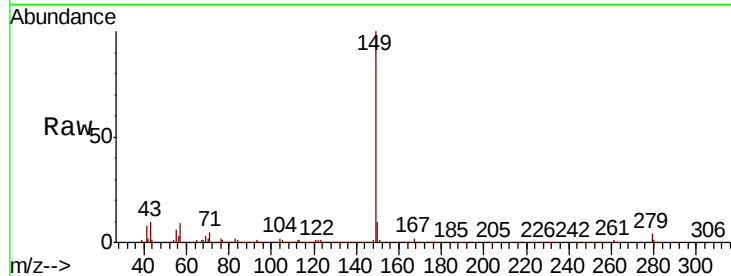
#85
Di-n-octyl phthalate
Concen: 48.799 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.7	7.8	11.8

Manual Integrations
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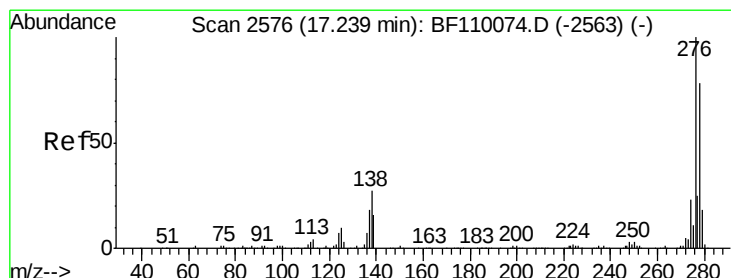
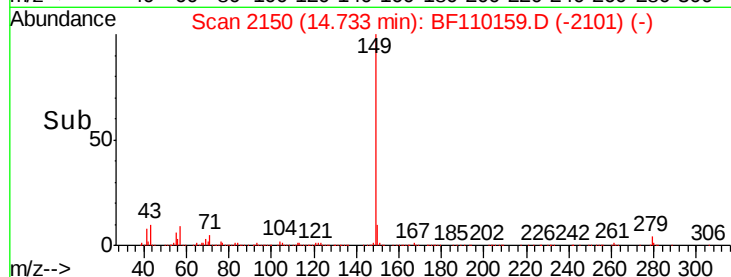
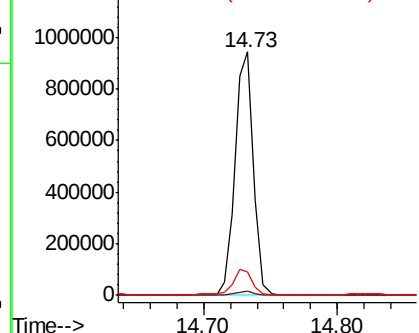


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 64.280 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

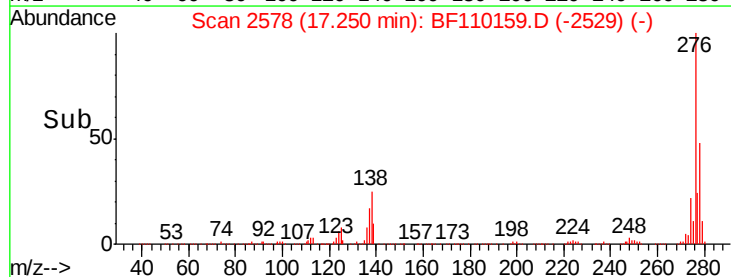
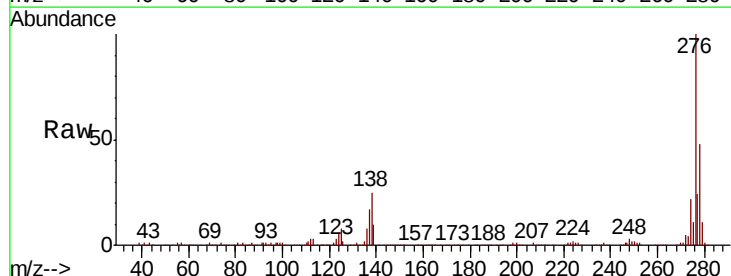
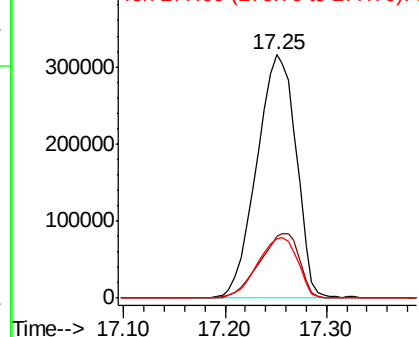
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	18.5	27.7
277	25.4	20.0	30.0

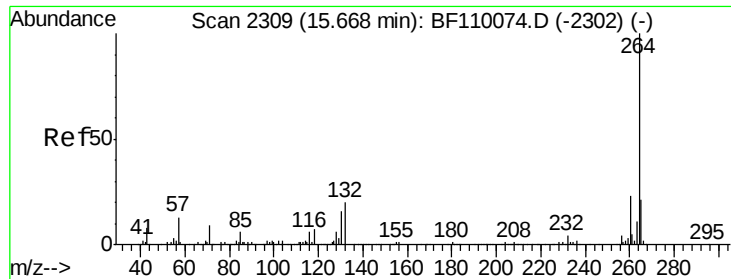
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





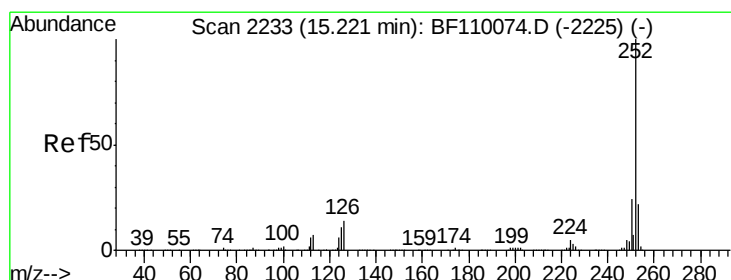
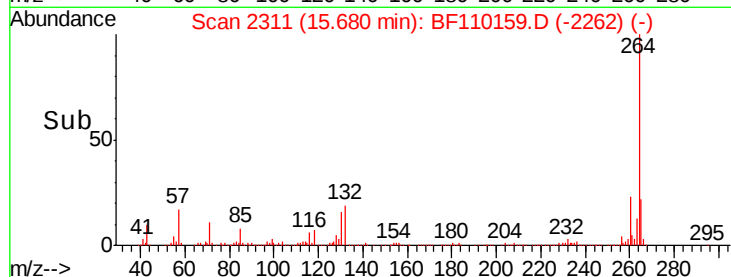
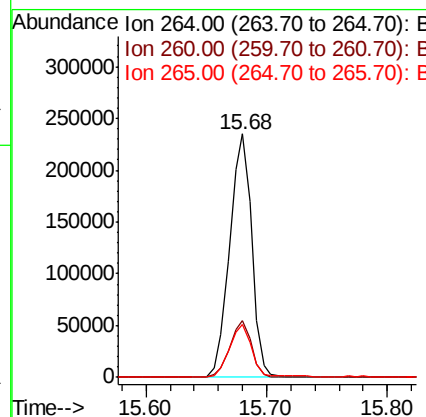
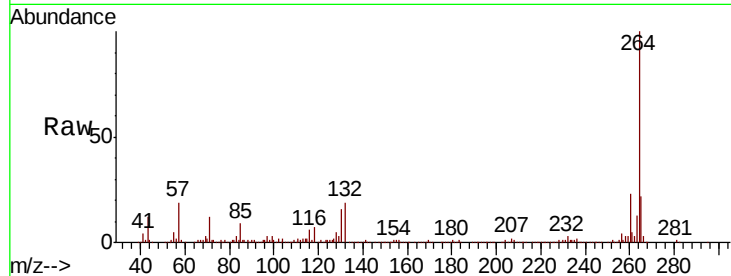
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	16.7	25.1

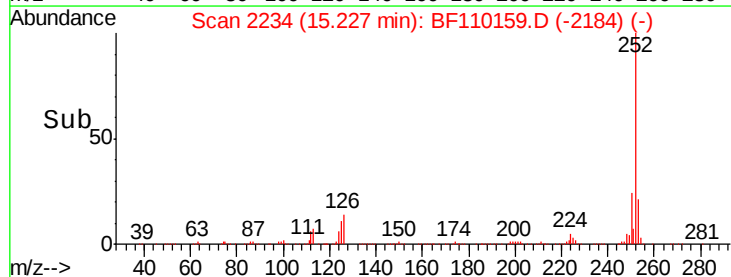
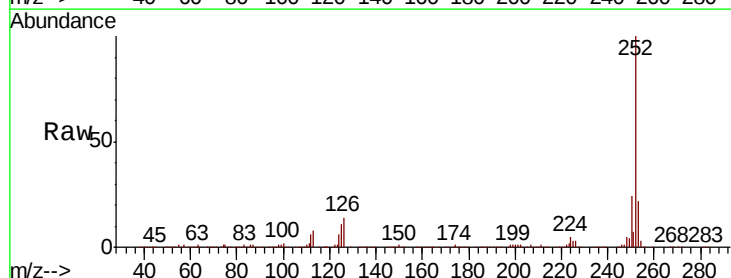
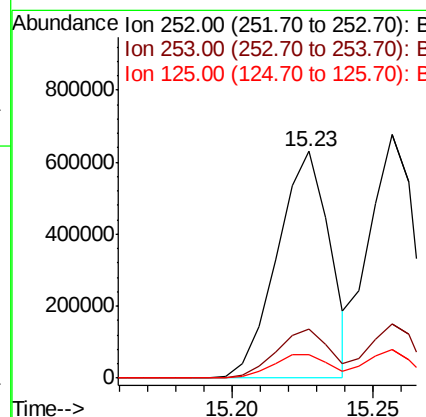
Manual Integrations
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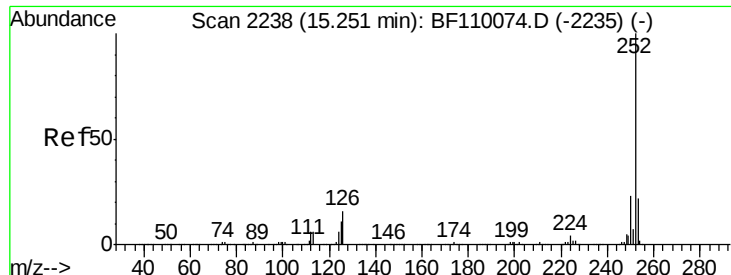
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.668 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.6	8.2	12.4





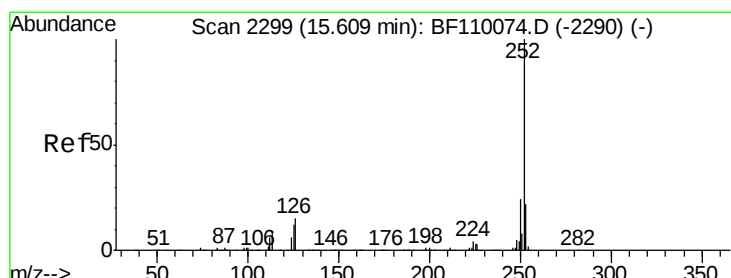
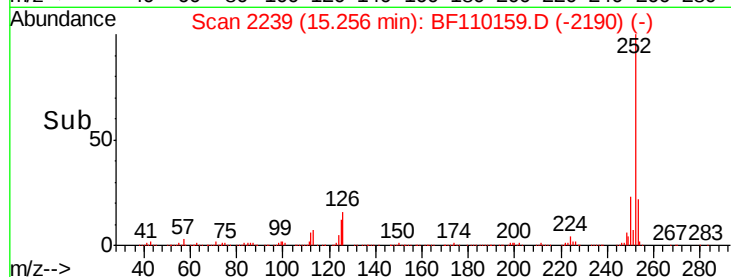
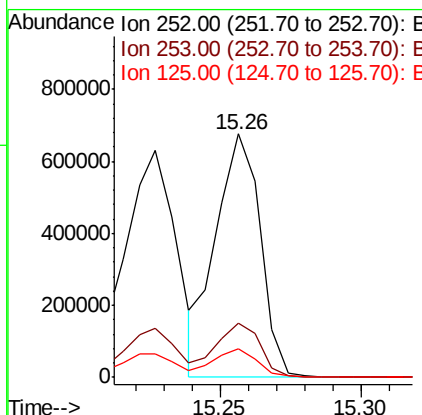
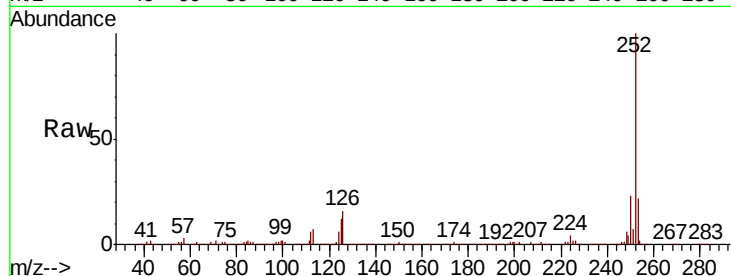
#89
Benzo(k)fluoranthene
Concen: 44.063 ng m
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.7	7.4	11.0

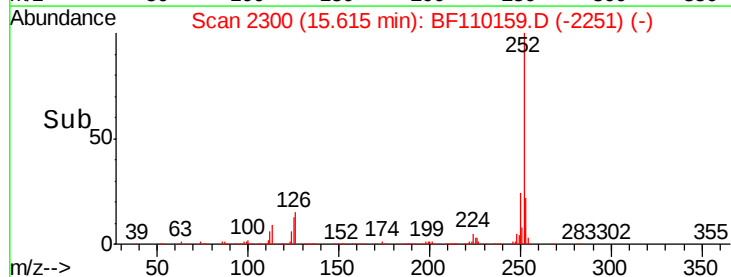
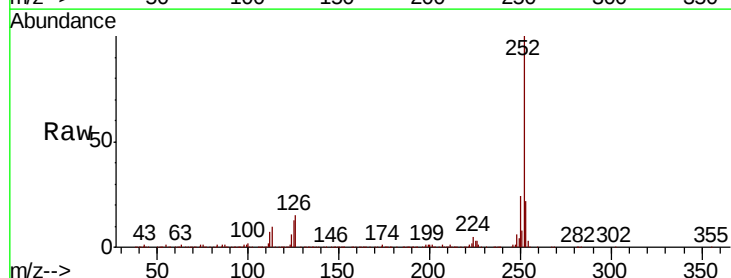
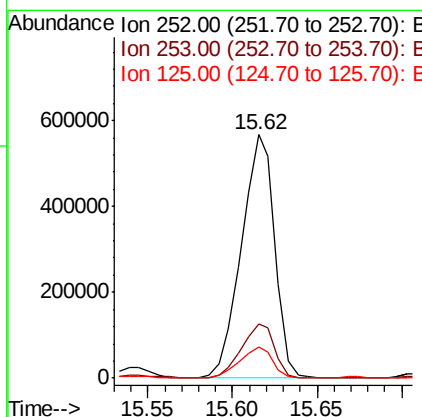
Manual Integrations
APPROVED

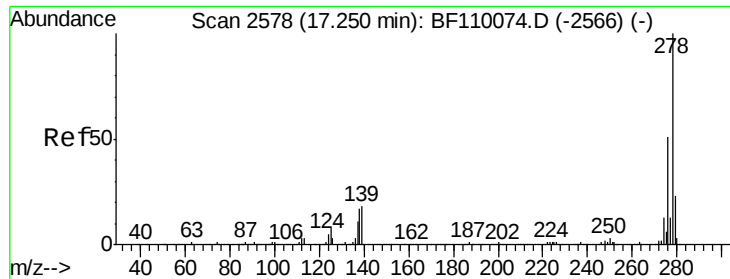
Sohil
10/26/2018 3:49:15 PM



#90
Benzo(a)pyrene
Concen: 49.110 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.8	9.0	13.6





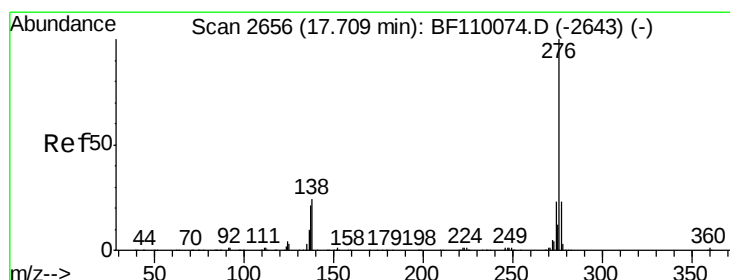
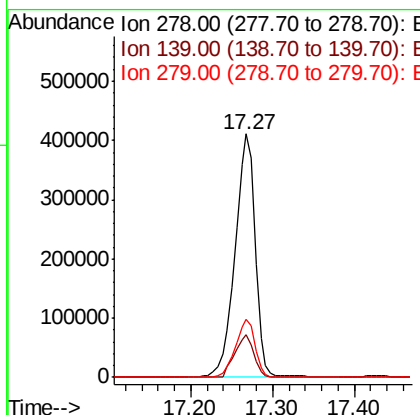
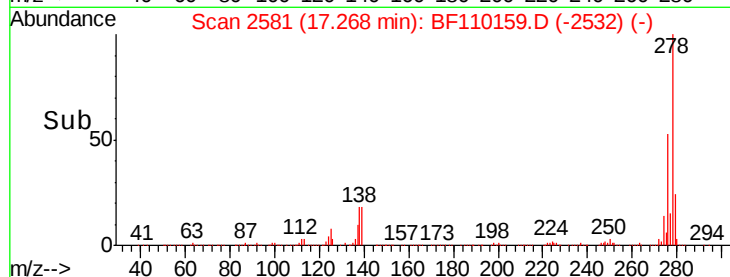
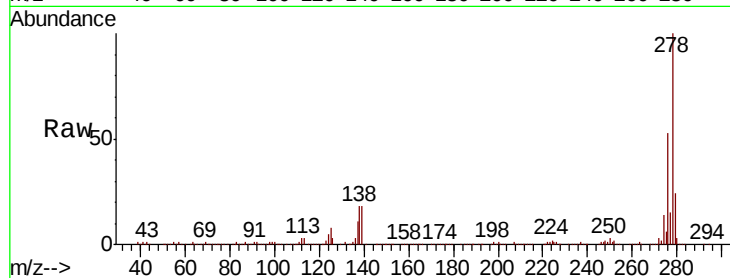
#91
Dibenzo(a,h)anthracene
Concen: 51.775 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Instrument :
BNA_F
ClientSampleId :
SSSI-1018-S-DH-15MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.7	19.1
279	23.7	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/26/2018 3:49:15 PM



#92
Benzo(g,h,i)perylene
Concen: 50.896 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110159.D
Acq: 25 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	23.2	16.0	24.0

