

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110465.D
 Acq On : 5 Nov 2018 15:22
 Operator : JU/SJ
 Sample : J5815-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:00:56 AM

Quant Time: Nov 06 10:19:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89455	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	376133	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	183546	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	326587	20.00	ng	0.00
76) Chrysene-d12	14.14	240	176898	20.00	ng	0.00
87) Perylene-d12	15.66	264	160335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	810479	147.54	ng	0.02
7) Phenol-d6	6.59	99	1066400	151.77	ng	0.01
23) Nitrobenzene-d5	7.52	82	684924	108.01	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	266313	146.48	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1241174	106.18	ng	0.00
79) Terphenyl-d14	13.07	244	1035563	121.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	77501	26.928	ng	90
3) Pyridine	3.66	79	222832	34.761	ng	# 86
4) n-Nitrosodimethylamine	3.60	42	118609	44.164	ng	91
6) Aniline	6.62	93	162235	17.725	ng	# 55
8) 2-Chlorophenol	6.75	128	269292	42.520	ng	99
9) Benzaldehyde	6.51	77	169987	42.381	ng	94
10) Phenol	6.60	94	398518	53.061	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	244868	39.628	ng	95
12) 1,3-Dichlorobenzene	6.90	146	271032	38.887	ng	97
13) 1,4-Dichlorobenzene	6.97	146	274625	38.960	ng	99
14) 1,2-Dichlorobenzene	7.13	146	261386	39.945	ng	99
15) Benzyl Alcohol	7.10	79	237976	44.037	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	395910	40.073	ng	71
17) 2-Methylphenol	7.20	107	222940	44.170	ng	# 83
18) Hexachloroethane	7.46	117	101848	39.465	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	187138	41.515	ng	96
20) 3+4-Methylphenols	7.36	107	288411	44.206	ng	# 83
22) Acetophenone	7.36	105	377985	43.612	ng	# 94
24) Nitrobenzene	7.54	77	280762	42.883	ng	96
25) Isophorone	7.77	82	517919	47.912	ng	96
26) 2-Nitrophenol	7.86	139	144331	46.326	ng	92
27) 2,4-Dimethylphenol	7.89	122	251880	48.763	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	327670	44.621	ng	99
29) 2,4-Dichlorophenol	8.09	162	232994	44.647	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	241759	41.359	ng	95
31) Naphthalene	8.26	128	788011	45.456	ng	99
33) 4-Chloroaniline	8.31	127	69093	8.856	ng	98
34) Hexachlorobutadiene	8.37	225	133188	41.036	ng	97
35) Caprolactam	8.69	113	75331m	41.416	ng	
36) 4-Chloro-3-methylphenol	8.79	107	256113	45.385	ng	96
37) 2-Methylnaphthalene	8.95	142	554235	48.321	ng	98
38) 1-Methylnaphthalene	9.05	142	514650	46.432	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	234064	40.928	ng	98
41) Hexachlorocyclopentadiene	9.10	237	191785	65.584	ng	98

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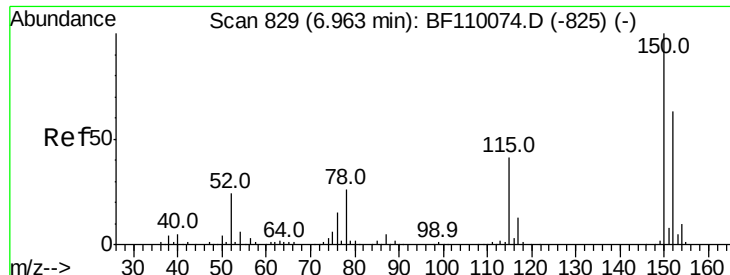
Manual Integrations
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Sohil
 11/6/2018 9:00:56 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	158084	42.857	nq	95
44) 2,4,5-Trichlorophenol	9.27	196	170302	43.678	nq	95
46) 1,1'-Biphenyl	9.42	154	671758	40.472	nq	99
47) 2-Chloronaphthalene	9.45	162	501392	41.182	nq	97
48) 2-Nitroaniline	9.55	65	162651	44.085	nq	93
49) Acenaphthylene	9.86	152	789496	44.896	nq	98
50) Dimethylphthalate	9.72	163	789343	58.259	nq	100
51) 2,6-Dinitrotoluene	9.79	165	130151	44.595	nq	92
52) Acenaphthene	10.03	154	475220	40.850	nq	98
53) 3-Nitroaniline	9.96	138	75491	21.751	nq	92
54) 2,4-Dinitrophenol	10.07	184	12533	15.295	nq	91
55) Dibenzofuran	10.20	168	685930	42.113	nq	99
56) 4-Nitrophenol	10.13	139	257889	100.398	nq	93
57) 2,4-Dinitrotoluene	10.19	165	172093	46.424	nq	94
58) Fluorene	10.55	166	552158	45.550	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	130726m	41.134	nq	
60) Diethylphthalate	10.41	149	578156	43.714	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	264493	41.361	nq	97
62) 4-Nitroaniline	10.57	138	134637	39.004	nq	96
63) Azobenzene	10.70	77	555797	42.336	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	45207	30.298	nq	90
66) n-Nitrosodiphenylamine	10.66	169	482368	45.030	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	154499	43.613	nq	94
68) Hexachlorobenzene	11.10	284	158564	42.186	nq	# 90
69) Atrazine	11.18	200	155347	45.890	nq	98
70) Pentachlorophenol	11.30	266	119362	54.460	nq	96
71) Phenanthrene	11.52	178	775274	45.368	nq	100
72) Anthracene	11.57	178	802502	46.852	nq	99
73) Carbazole	11.72	167	682757	40.825	nq	100
74) Di-n-butylphthalate	12.03	149	837252	44.327	nq	100
75) Fluoranthene	12.71	202	717713	41.384	nq	98
77) Benzidine	12.83	184	208339	39.837	nq	96
78) Pyrene	12.94	202	695151	54.814	nq	98
80) Butylbenzylphthalate	13.53	149	287700	52.266	nq	98
81) Benzo(a)anthracene	14.13	228	486931	46.417	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	84031	23.004	nq	# 97
83) Chrysene	14.16	228	452001	45.364	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	369531	49.661	nq	96
85) Di-n-octyl phthalate	14.70	149	544519	47.062	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	488199	59.061	nq	98
88) Benzo(b)fluoranthene	15.21	252	426343	46.048	nq	99
89) Benzo(k)fluoranthene	15.24	252	398344	43.763	nq	99
90) Benzo(a)pyrene	15.60	252	404672	47.499	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	405795	55.202	nq	100
92) Benzo(g,h,i)perylene	17.72	276	407800	56.296	nq	100

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



#1

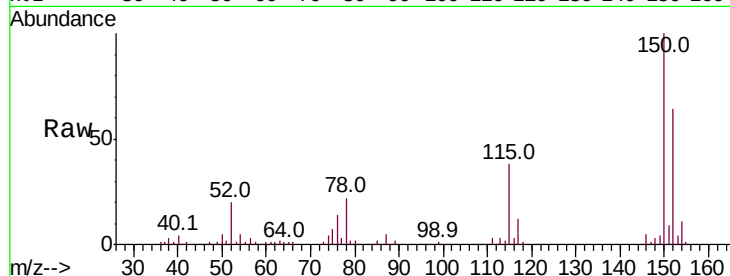
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	59.9	49.1	73.7

Manual Integrations
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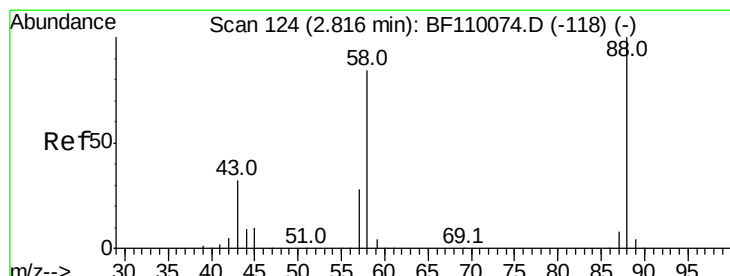
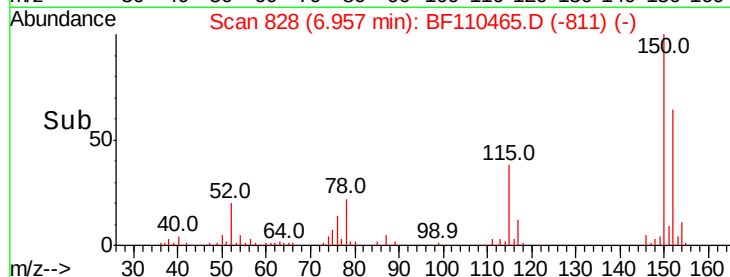
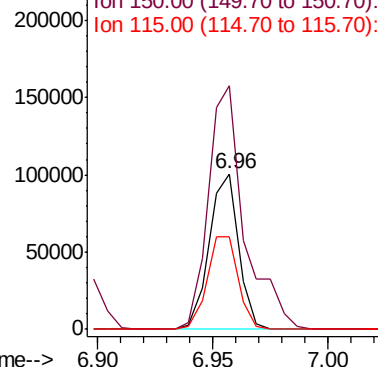


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

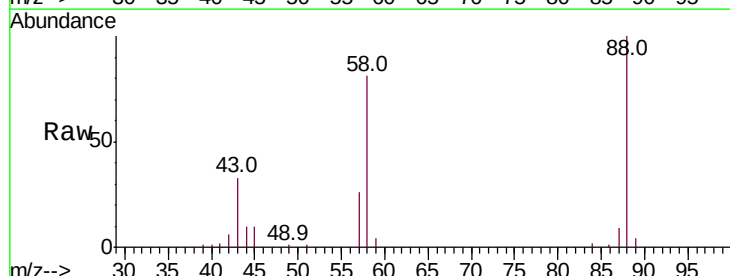
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.928 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.08 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	57.1	85.7
43	32.2	24.1	36.1

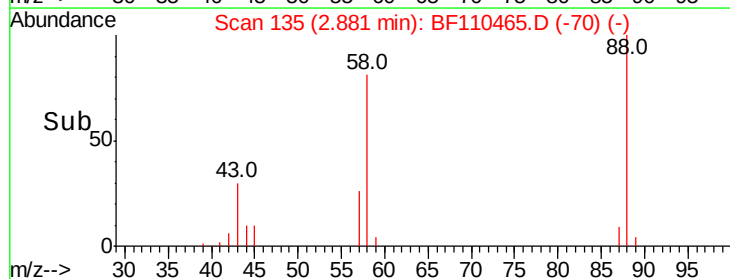
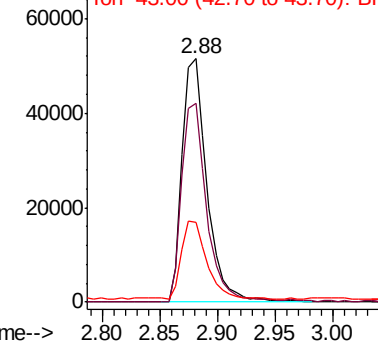


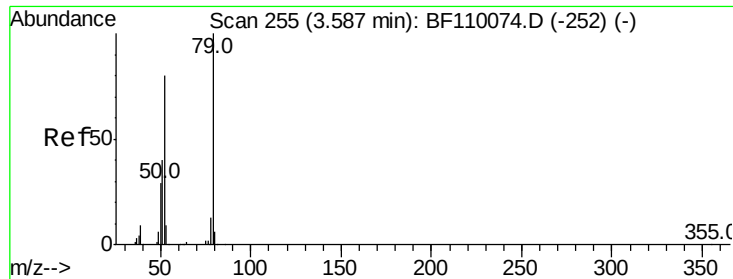
Abundance

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: 34.761 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

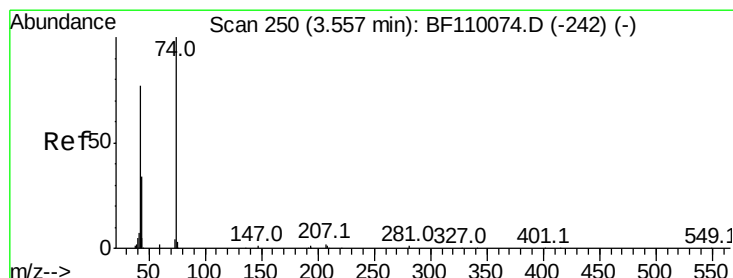
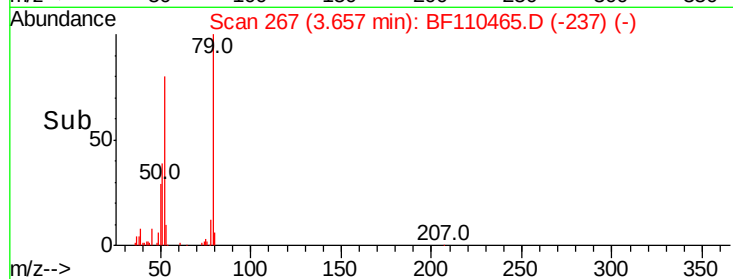
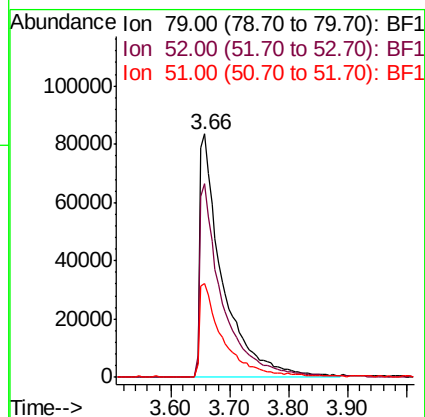
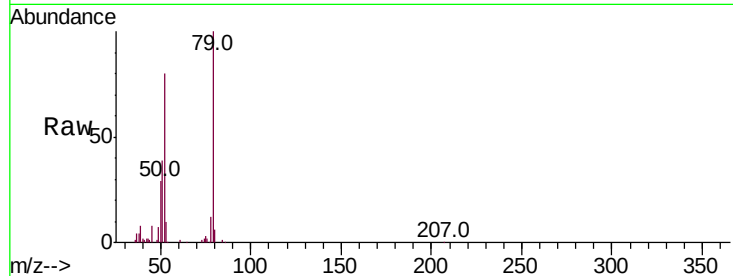
ClientSampleId :

HL-R25951-RTMSD

Tot Ion:	79	Resp:	222832
Ion Ratio	Lower	Upper	
79	100		
52	79.8	53.1	79.7#
51	38.5	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 44.164 ng

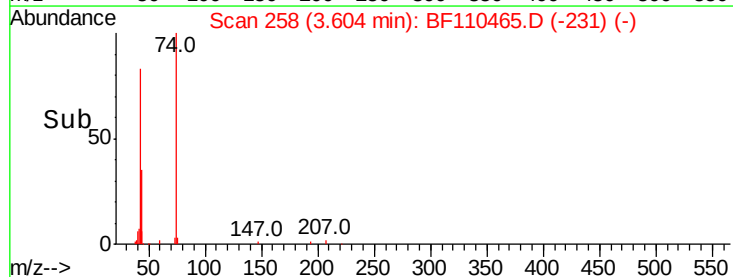
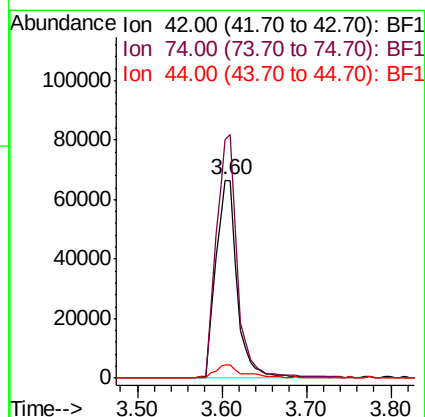
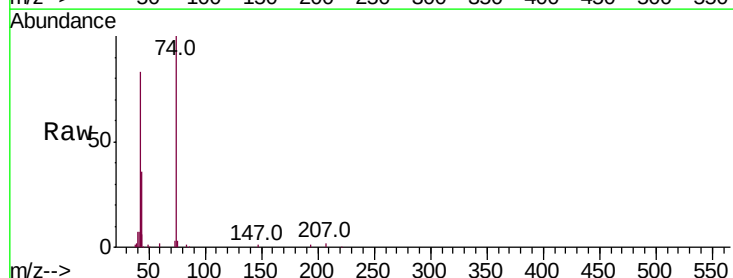
RT: 3.60 min Scan# 258

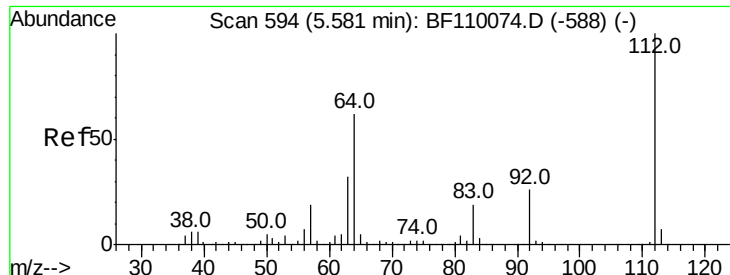
Delta R.T. 0.06 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:	42	Resp:	118609
Ion Ratio	Lower	Upper	
42	100		
74	120.7	105.5	158.3
44	6.7	4.9	7.3





#5

2-Fluorophenol

Concen: 147.541 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110465.D

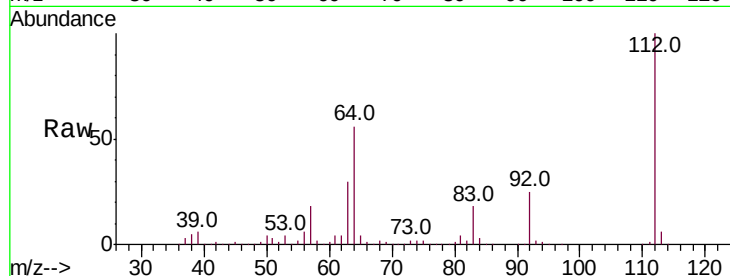
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

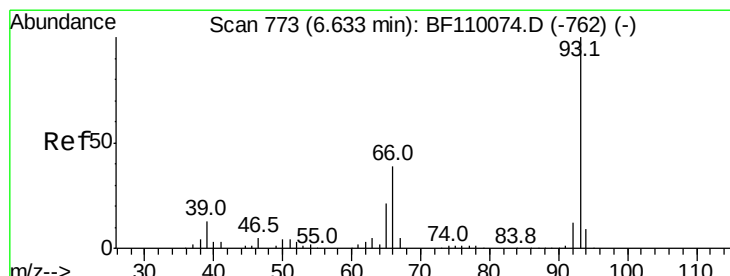
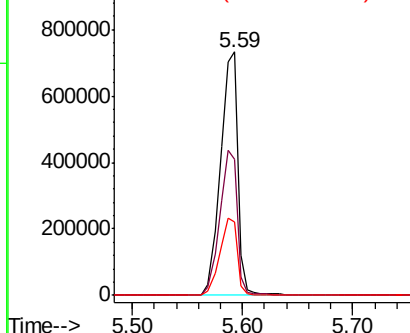
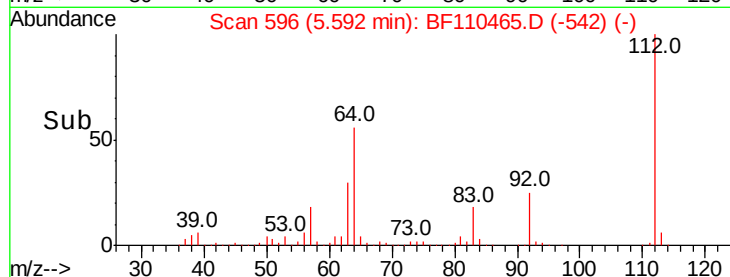
Tot Ion:	112	Resp:	810479
Ion Ratio	Lower	Upper	
112	100		
64	56.1	44.1	66.1
63	30.3	23.7	35.5

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



#6

Aniline

Concen: 17.725 ng

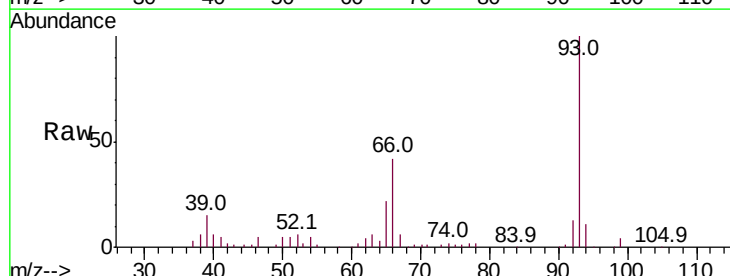
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

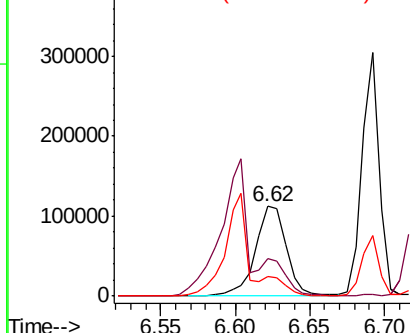
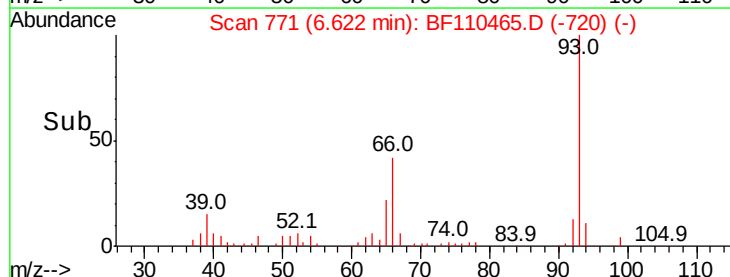
Lab File: BF110465.D

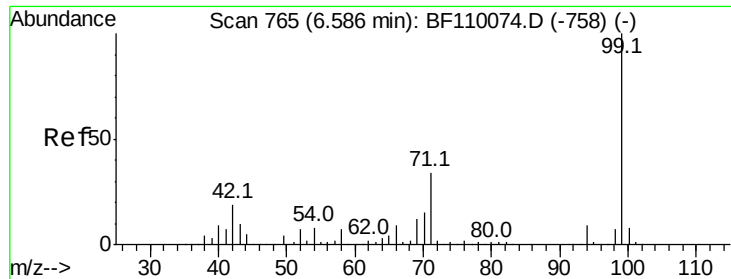
Acq: 5 Nov 2018 15:22

Tgt Ion:	93	Resp:	162235
Ion Ratio	Lower	Upper	
93	100		
66	42.2	67.4	101.0#
65	21.6	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: 151.773 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

HL-R25951-RTMSD

Tot Ion: 99 Resp: 1066400

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

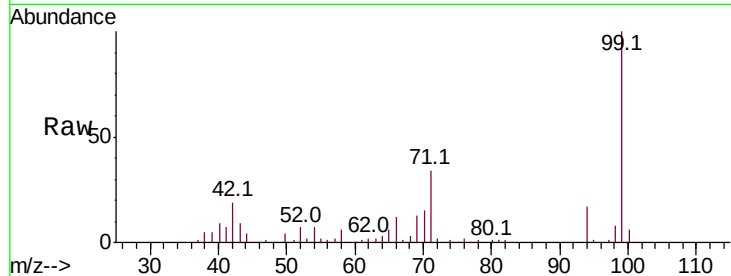
71 34.5 28.0 42.0

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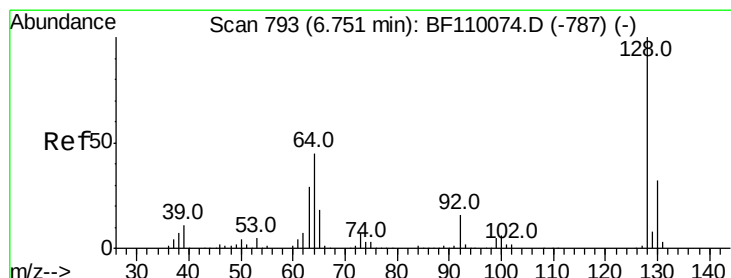
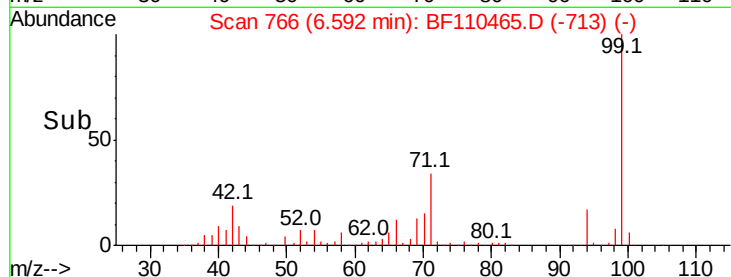
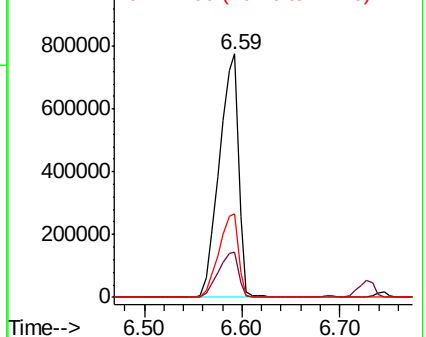
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.520 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

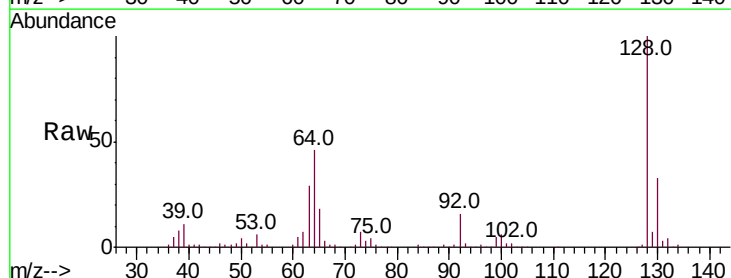
Tgt Ion: 128 Resp: 269292

Ion Ratio Lower Upper

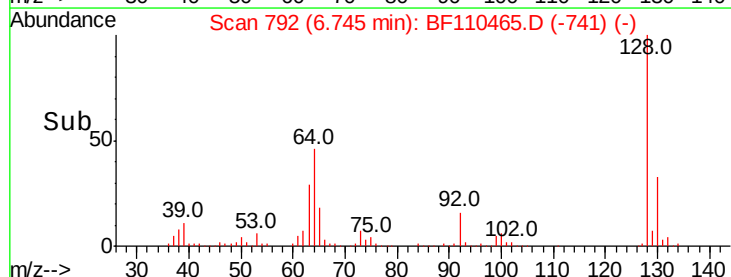
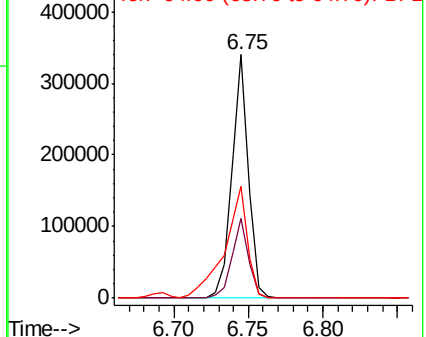
128 100

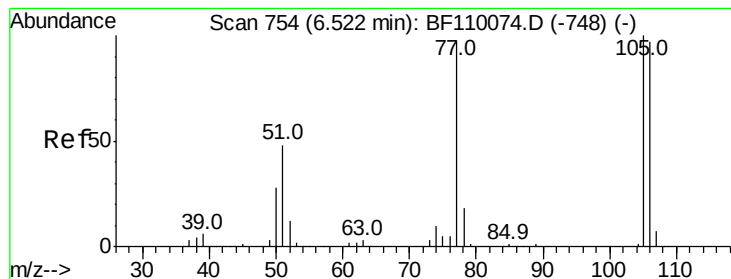
130 32.6 13.1 53.1

64 45.8 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: 42.381 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

HL-R25951-RTMSD

Tot Ion: 77 Resp: 169987

Ion Ratio Lower Upper

77 100

105 105.7 78.6 118.6

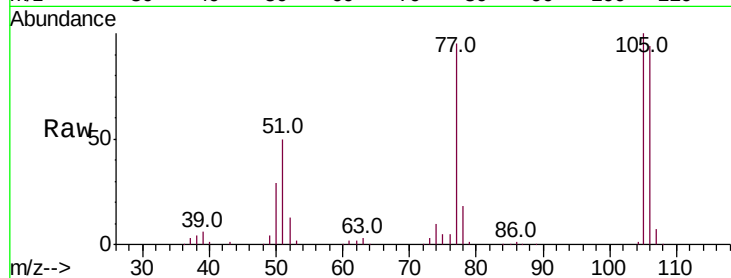
106 98.9 74.8 114.8

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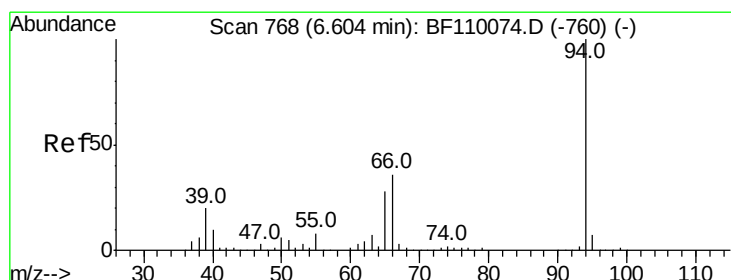
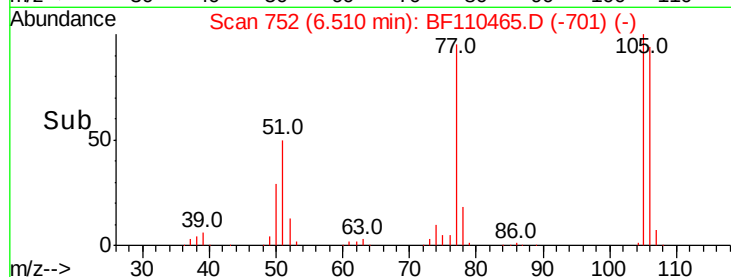
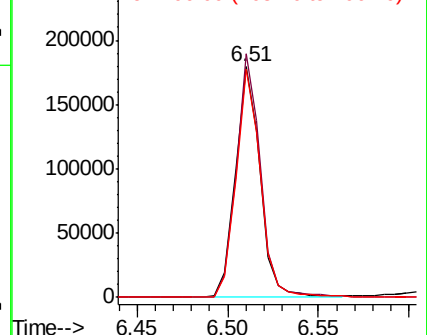
11/6/2018 9:00:56 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 53.061 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion: 94 Resp: 398518

Ion Ratio Lower Upper

94 100

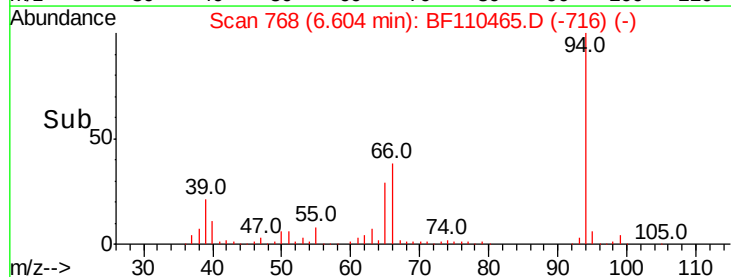
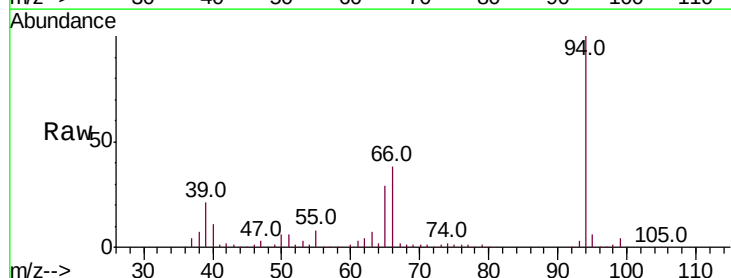
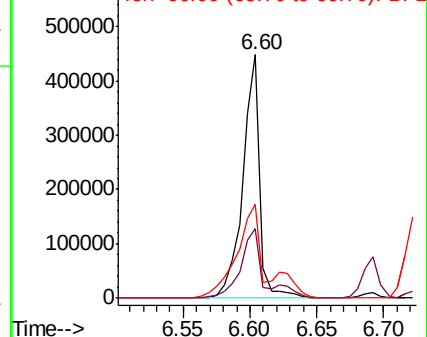
65 28.6 25.3 65.3

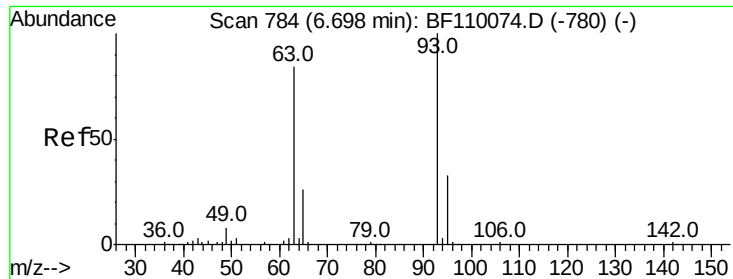
66 38.4 54.5 94.5#

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.628 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

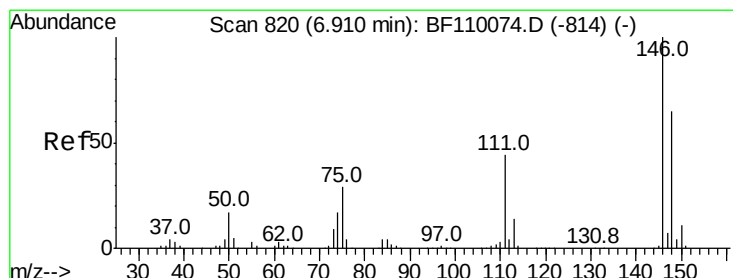
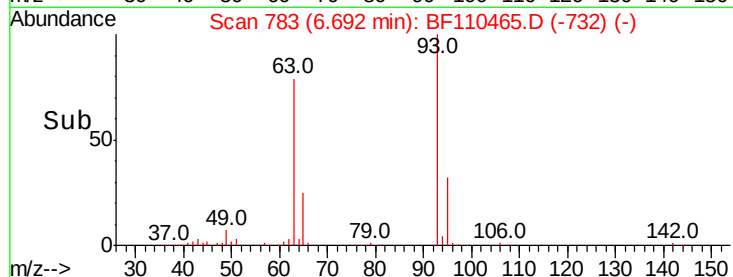
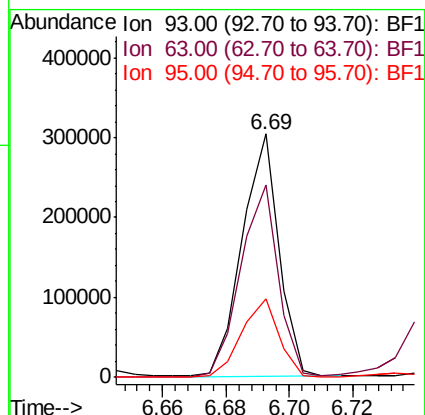
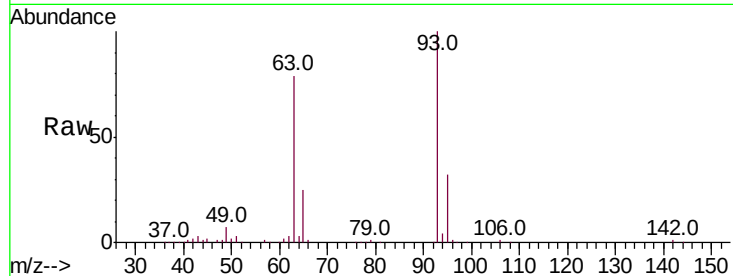
ClientSampleId :

HL-R25951-RTMSD

Tot Ion:	93	Resp:	244868
Ion Ratio	Lower	Upper	
93	100		
63	79.0	53.4	93.4
95	32.4	12.1	52.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.887 ng

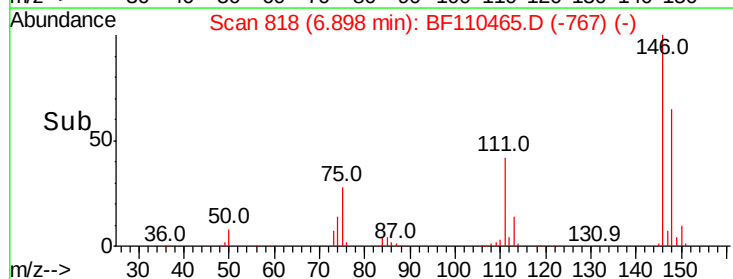
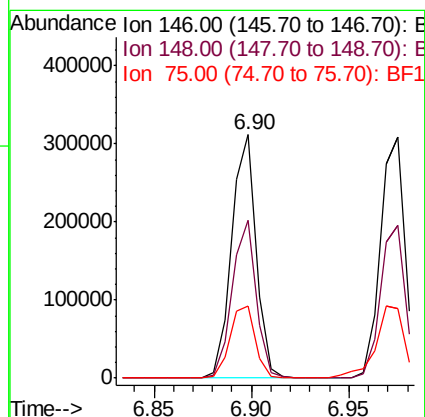
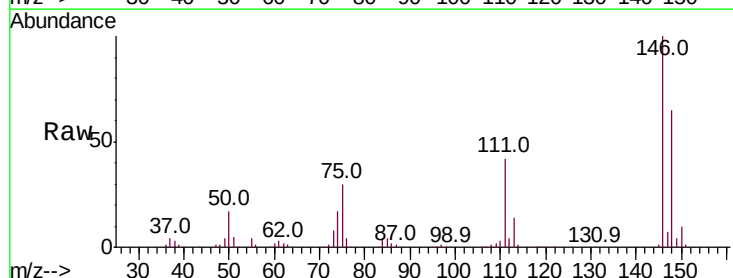
RT: 6.90 min Scan# 818

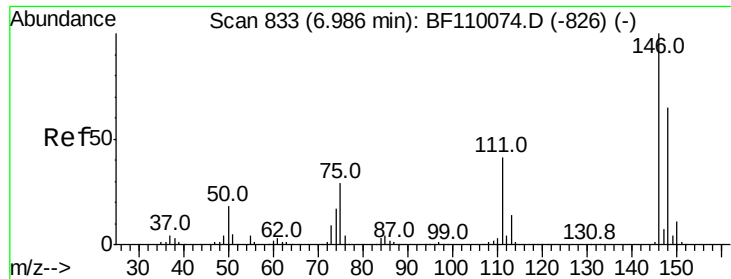
Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:	146	Resp:	271032
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.4	75.6
75	29.7	25.8	38.6





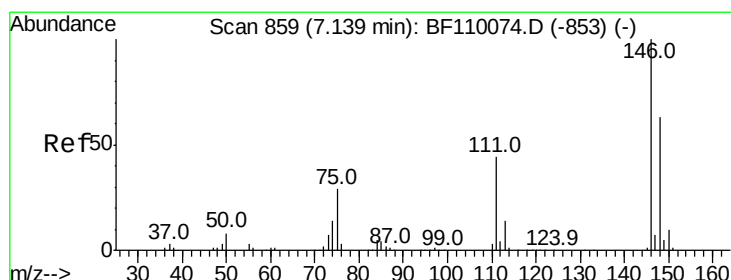
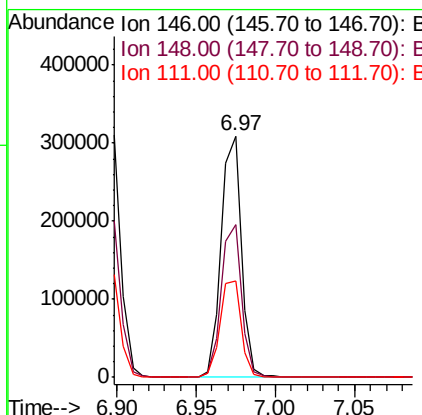
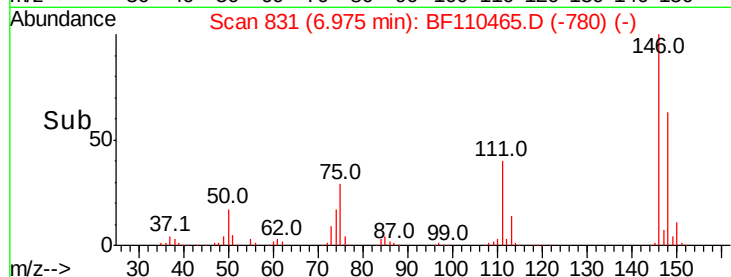
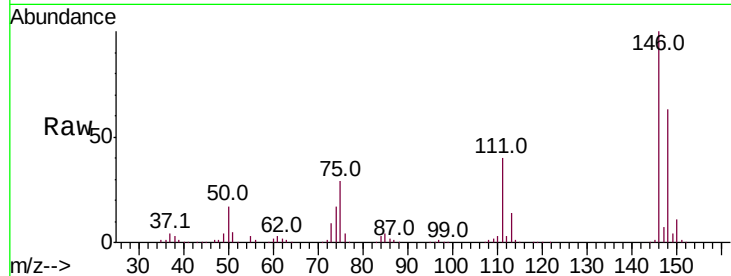
#13
 1,4-Dichlorobenzene
 Concen: 38.960 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	40.0	32.7	49.1

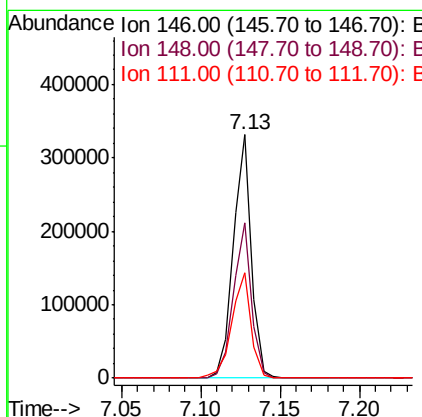
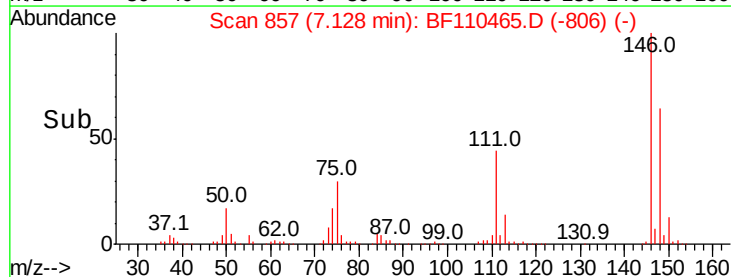
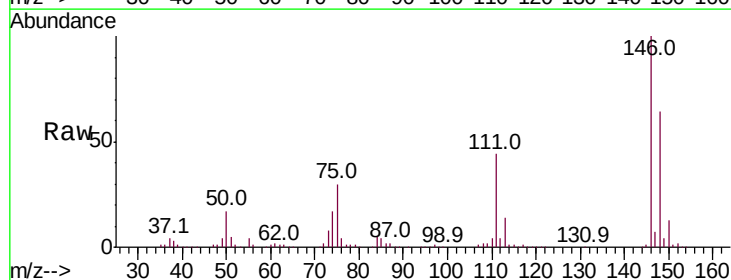
Manual Integrations
 APPROVED

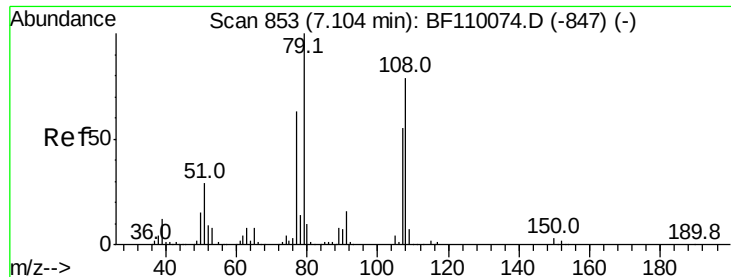
Sohil
 11/6/2018 9:00:56 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.945 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	43.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 44.037 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

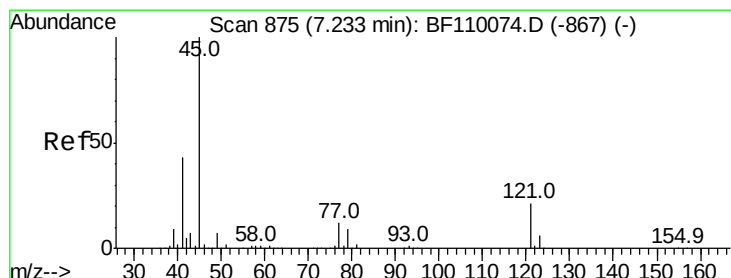
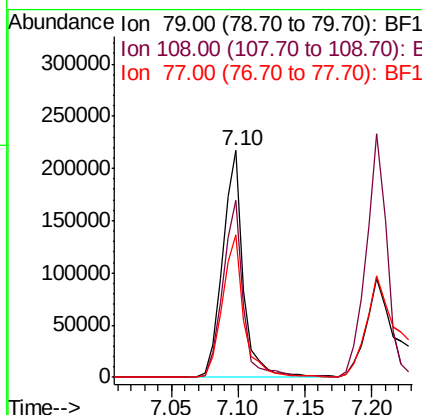
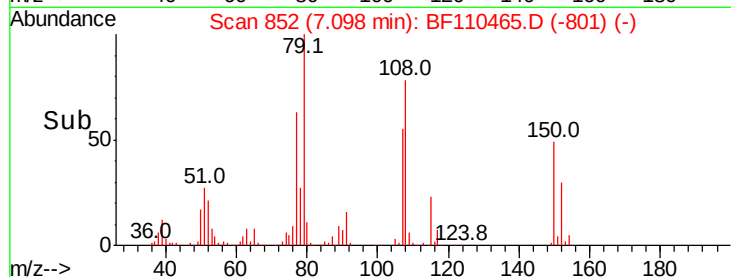
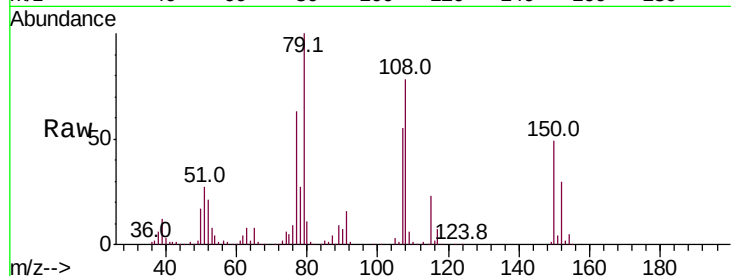
ClientSampleId :

HL-R25951-RTMSD

Tot Ion:	79	Resp:	237976
Ion Ratio	Lower	Upper	
79	100		
108	78.1	56.3	84.5
77	63.1	52.9	79.3

Manual Integrations
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11/6/2018 9:00:56 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.073 ng

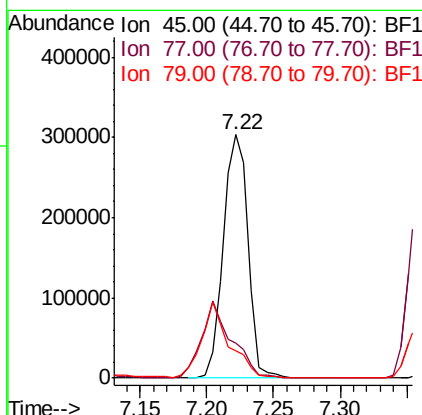
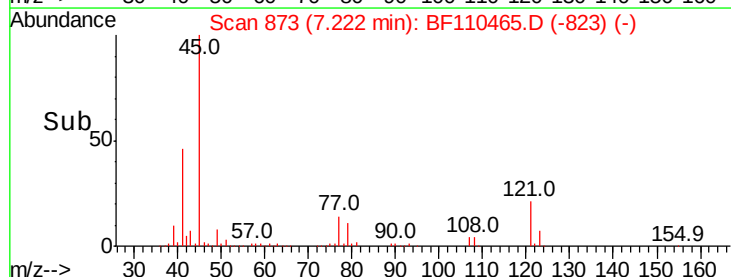
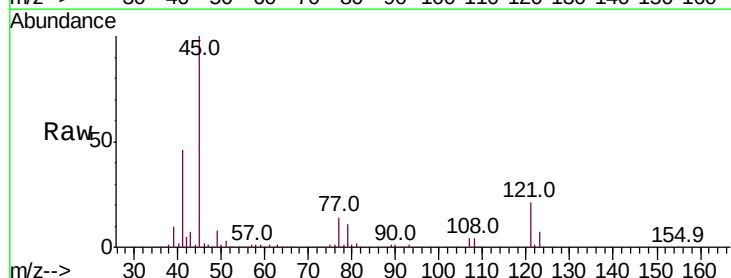
RT: 7.22 min Scan# 873

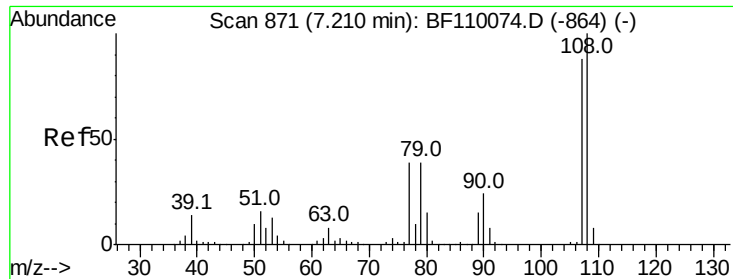
Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:	45	Resp:	395910
Ion Ratio	Lower	Upper	
45	100		
77	14.4	10.0	50.0
79	11.2	6.1	46.1





#17

2-Methylphenol

Concen: 44.170 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

HL-R25951-RTMSD

Tot Ion:107 Resp: 222940

Ion Ratio Lower Upper

107 100

108 113.5 92.6 138.8

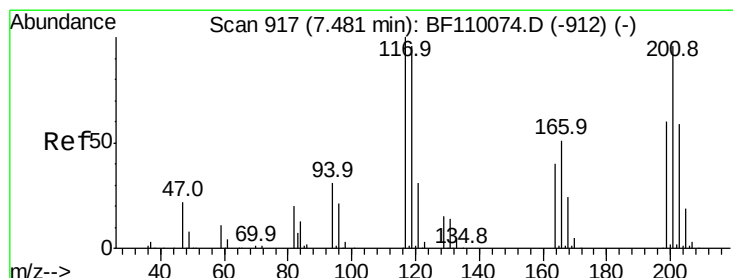
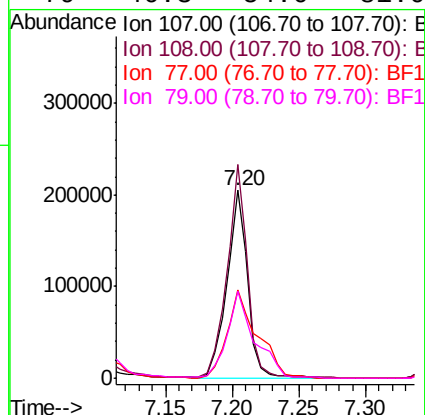
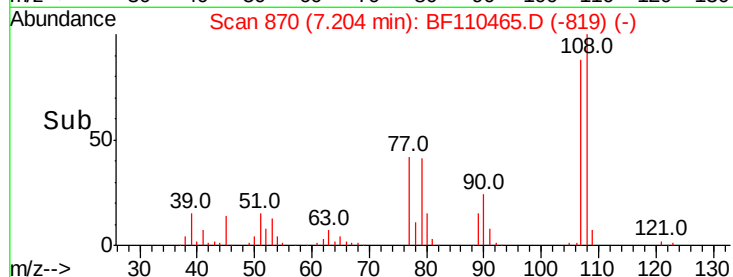
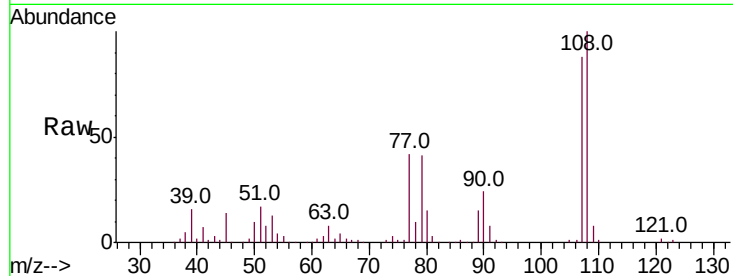
77 47.2 59.4 89.2#

79 46.3 54.0 81.0#

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#18

Hexachloroethane

Concen: 39.465 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

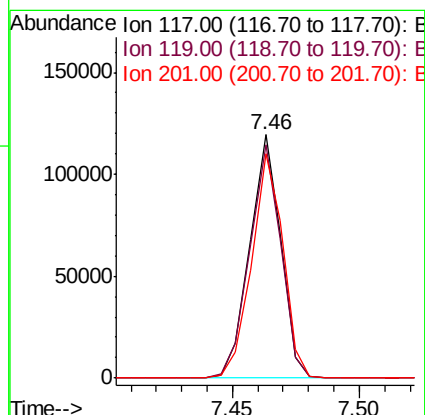
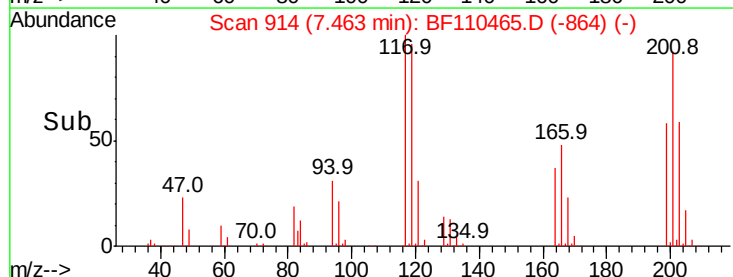
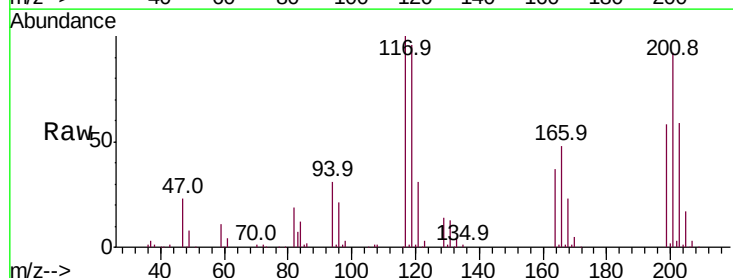
Tgt Ion:117 Resp: 101848

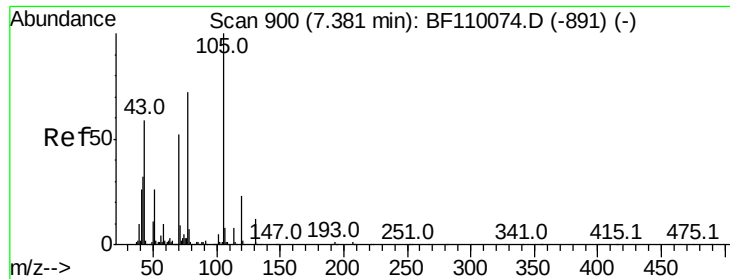
Ion Ratio Lower Upper

117 100

119 96.1 75.0 112.6

201 92.0 79.2 118.8





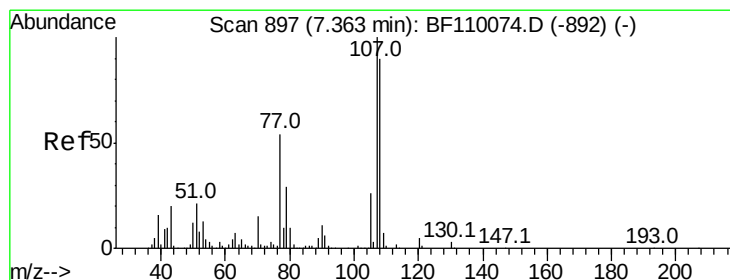
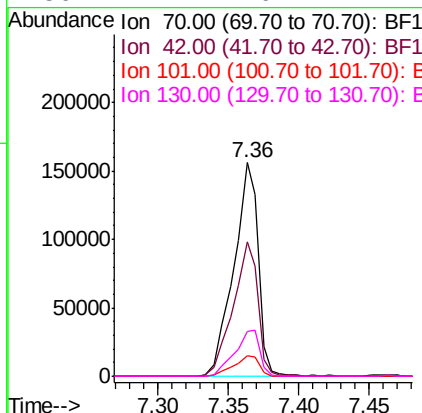
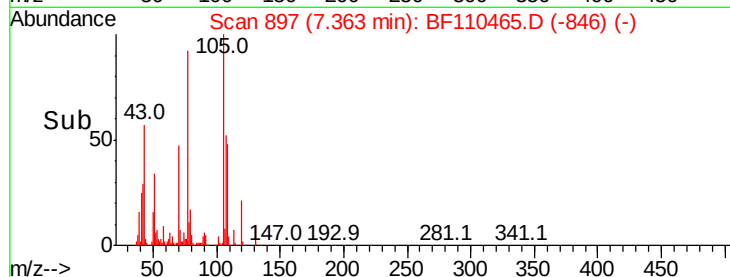
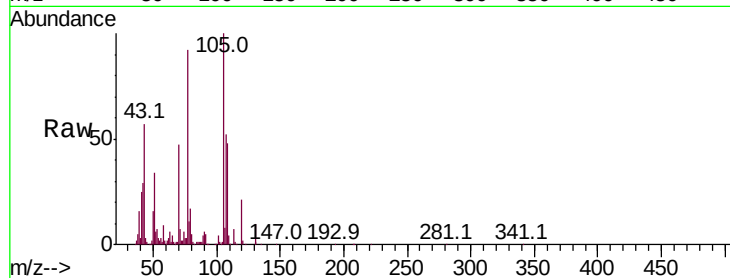
#19
n-Nitroso-di-n-propylamine
Concen: 41.515 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.4	71.2
101	9.6	7.3	10.9
130	21.1	16.2	24.2

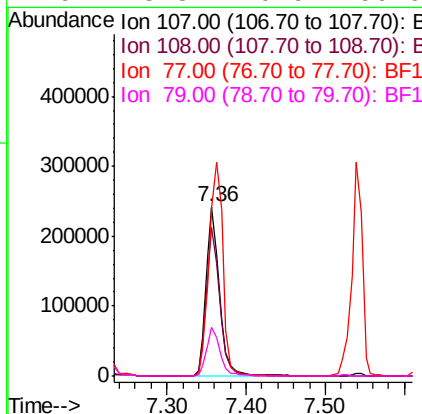
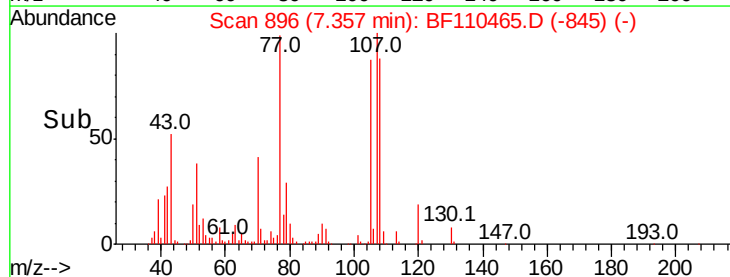
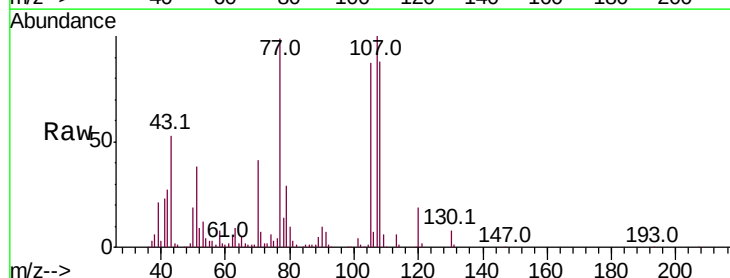
Manual Integrations
APPROVED

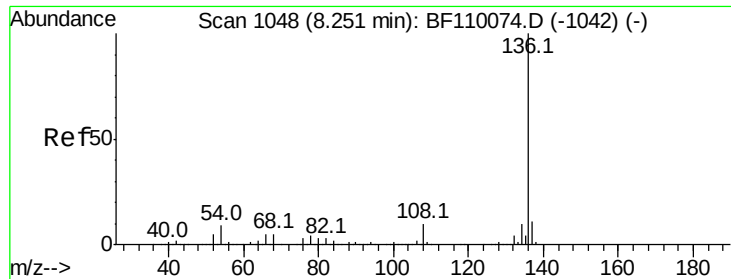
Sohil
11/6/2018 9:00:56 AM



#20
3+4-Methylphenols
Concen: 44.206 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	71.4	111.4
77	99.4	47.3	87.3#
79	28.8	10.9	50.9





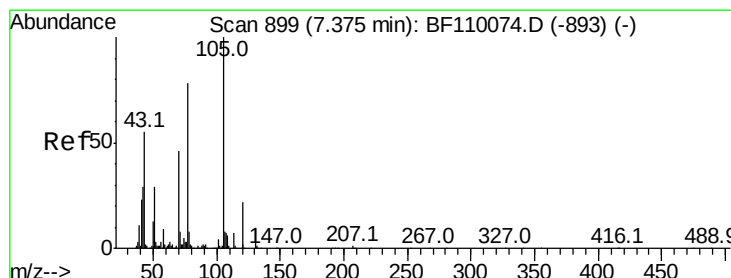
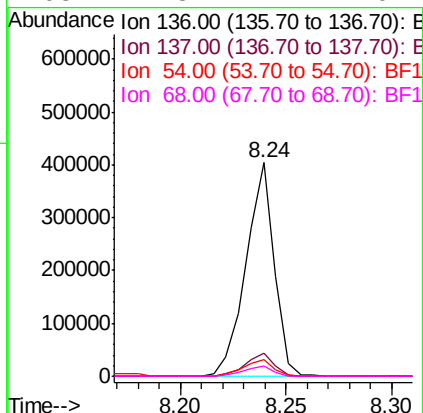
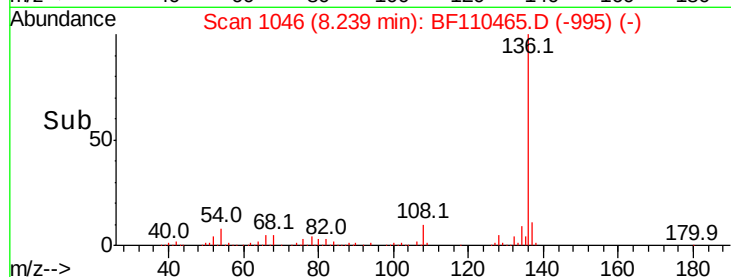
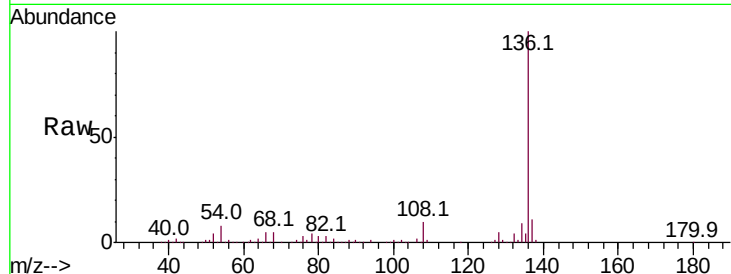
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.9	5.4	8.2	
68	4.8	4.2	6.2	

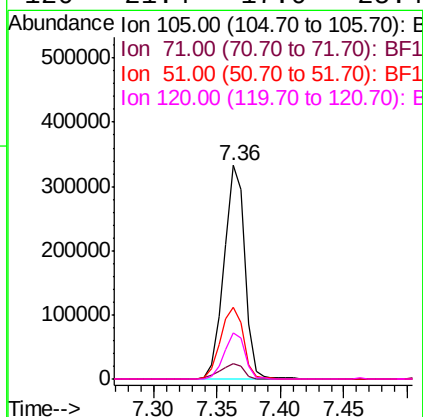
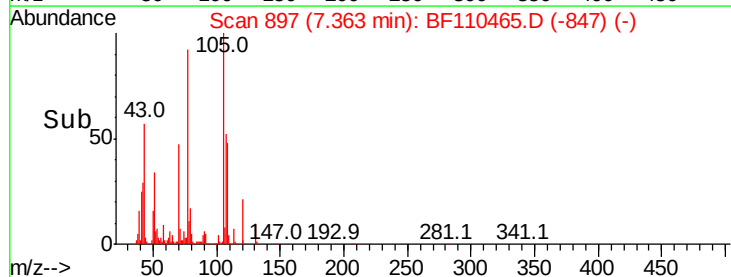
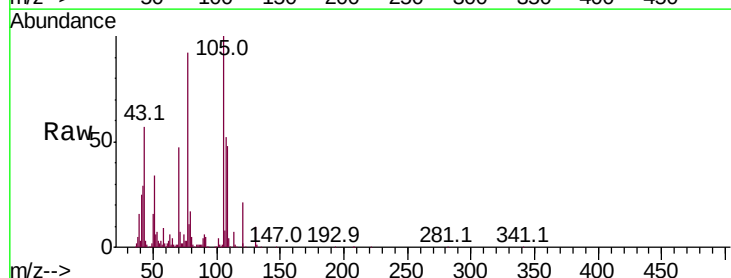
Manual Integrations
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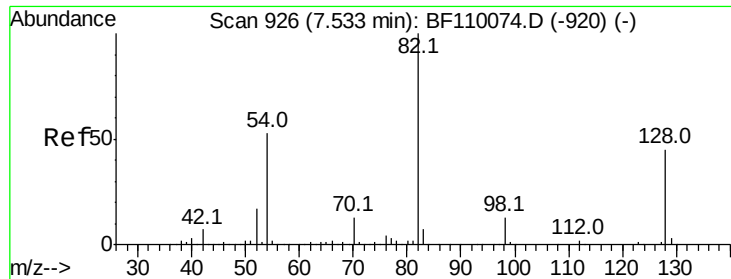
Sohil
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#22
Acetophenone
Concen: 43.612 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	5.2	7.8	
51	33.7	21.8	32.8	
120	21.4	17.0	25.4	





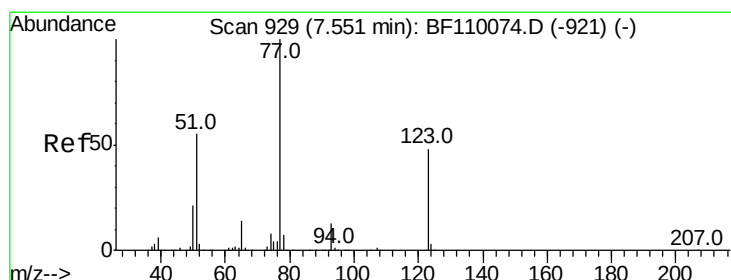
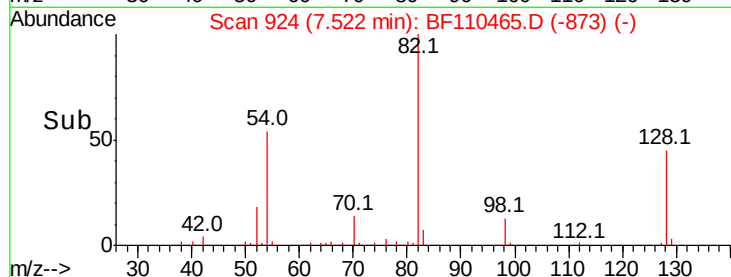
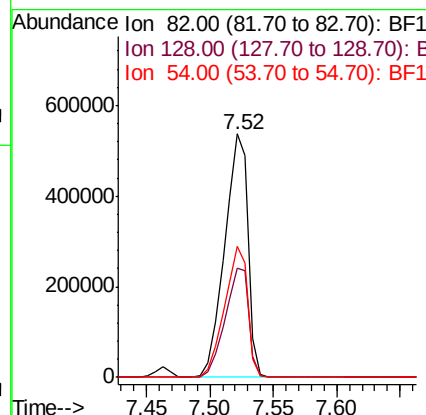
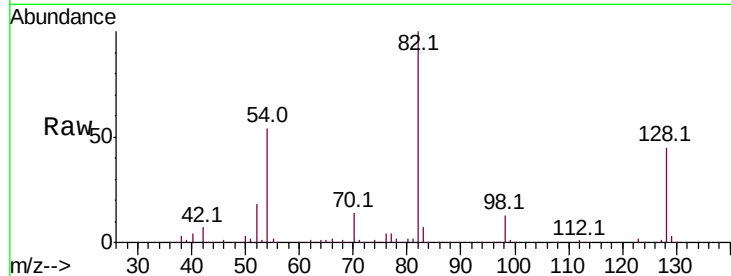
#23
Nitrobenzene-d5
Concen: 108.007 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	34.2	51.2	
54	53.7	38.6	58.0	

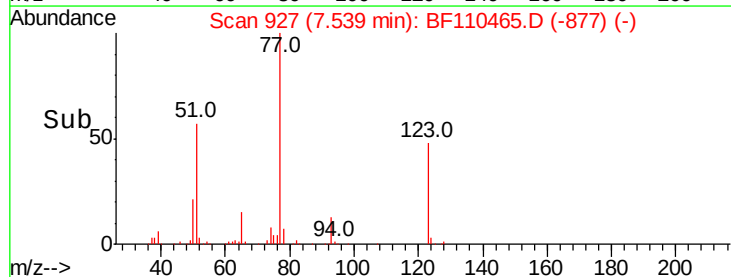
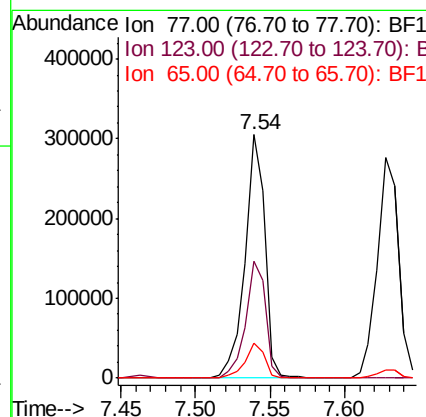
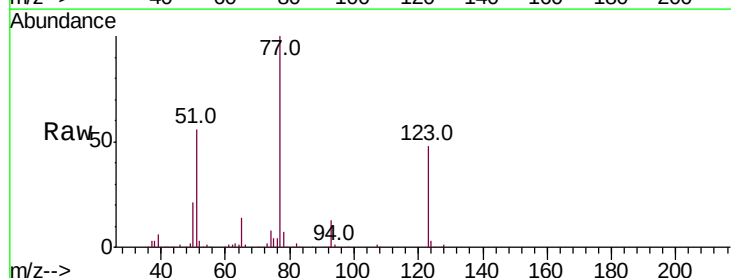
Manual Integrations
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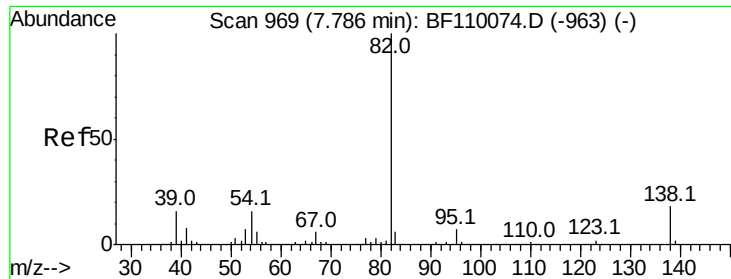
Sohil
11/6/2018 9:00:56 AM



#24
Nitrobenzene
Concen: 42.883 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.8	35.7	53.5	
65	14.4	10.7	16.1	





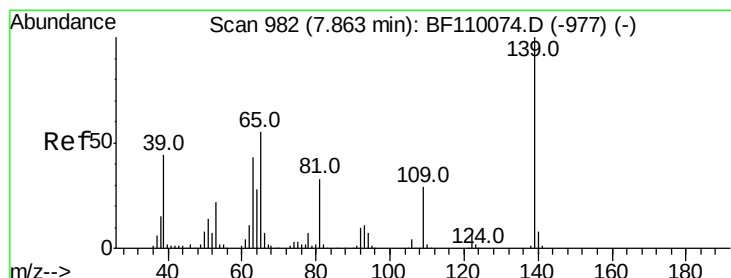
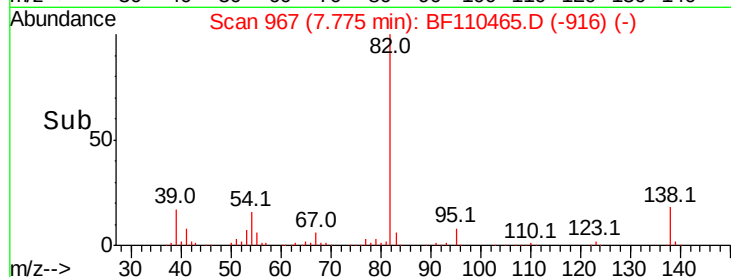
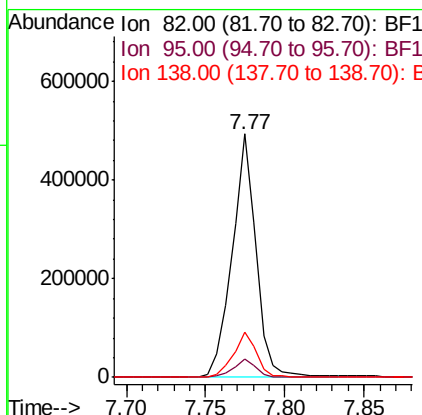
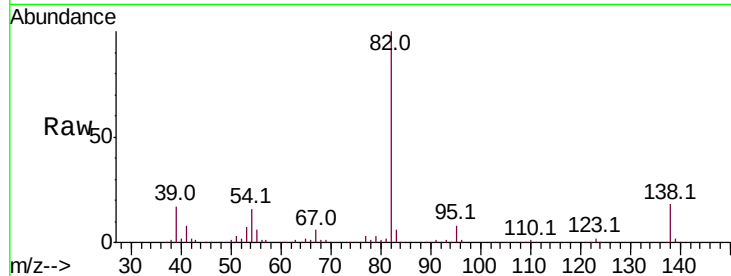
#25
Isophorone
Concen: 47.912 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.7	8.5
138	18.4	13.2	19.8

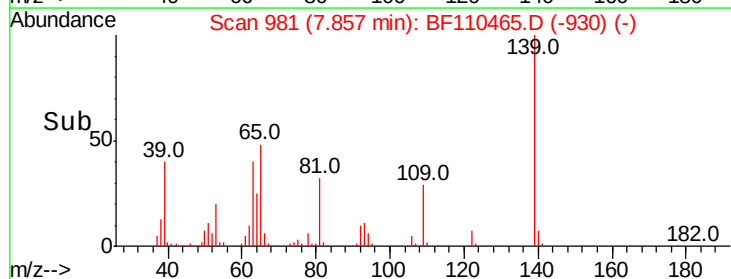
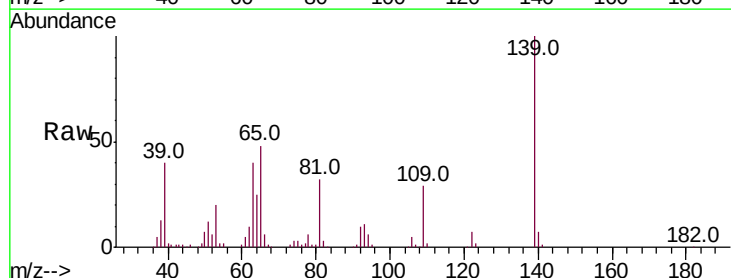
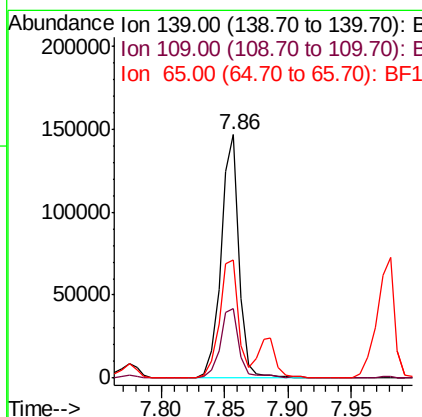
Manual Integrations
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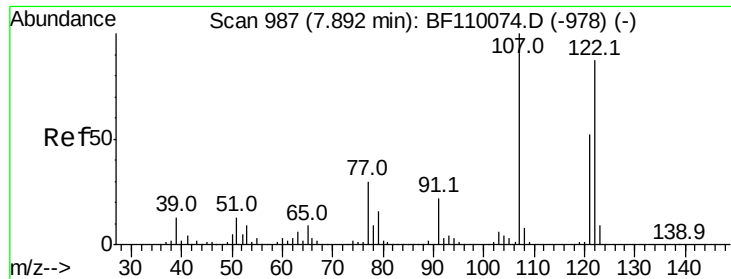
Sohil
11/6/2018 9:00:56 AM



#26
2-Nitrophenol
Concen: 46.326 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.6	25.0	37.6
65	48.3	44.0	66.0





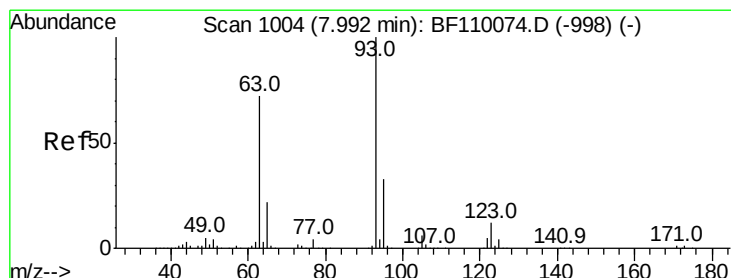
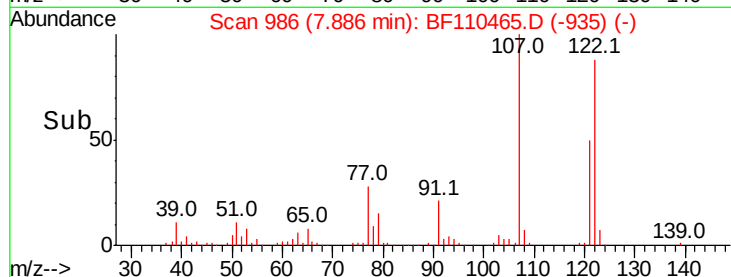
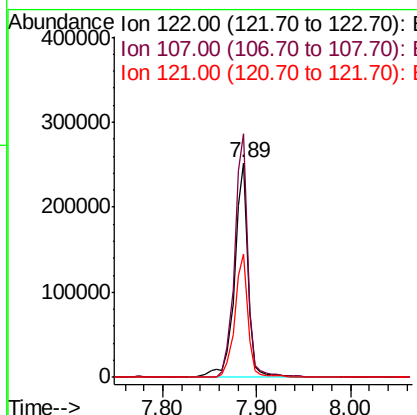
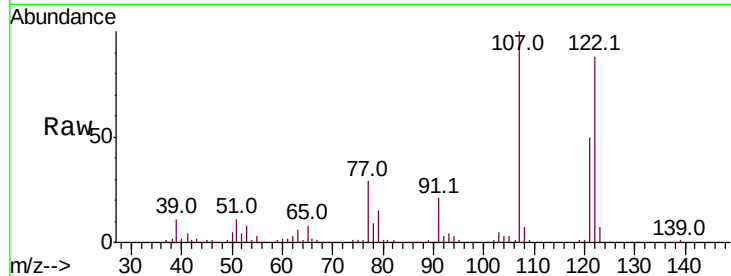
#27
2,4-Dimethylphenol
Concen: 48.763 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	251880		
107	113.5		92.5	138.7
121	57.3		45.8	68.8

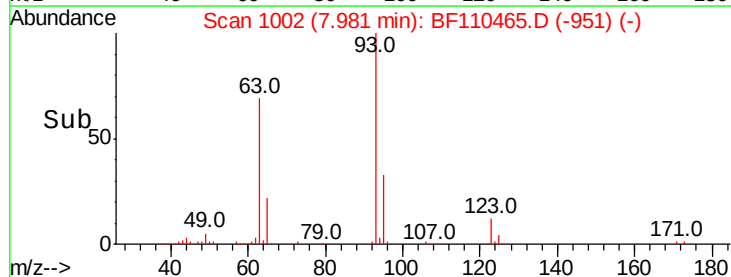
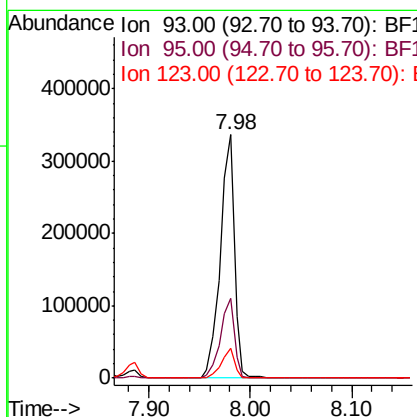
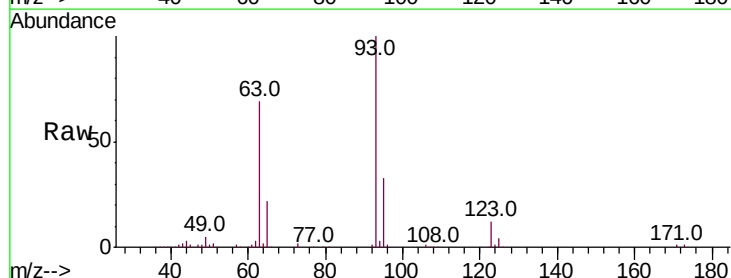
Manual Integrations
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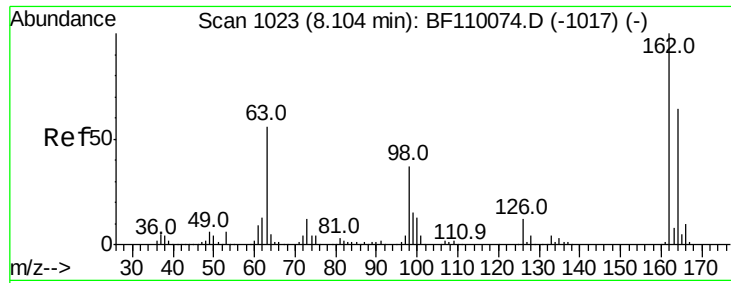
Sohil
11/6/2018 9:00:56 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.621 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	327670		
95	33.0		26.4	39.6
123	12.4		9.0	13.6





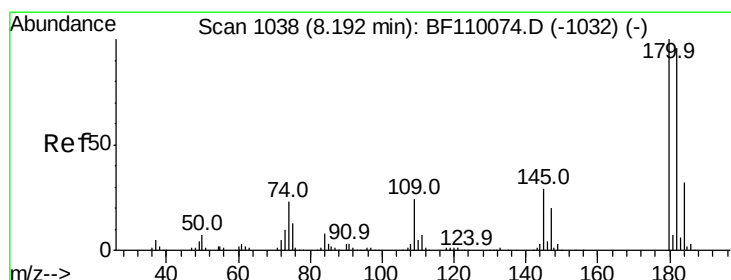
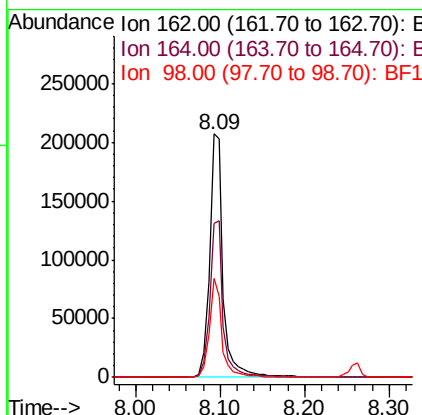
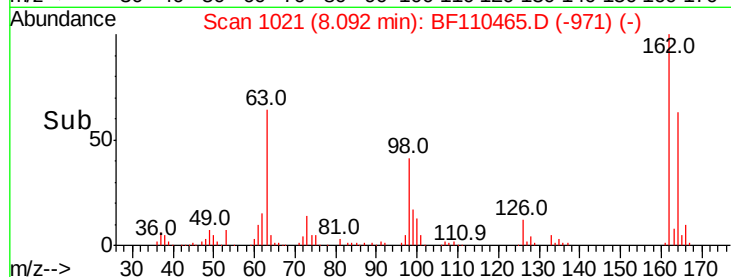
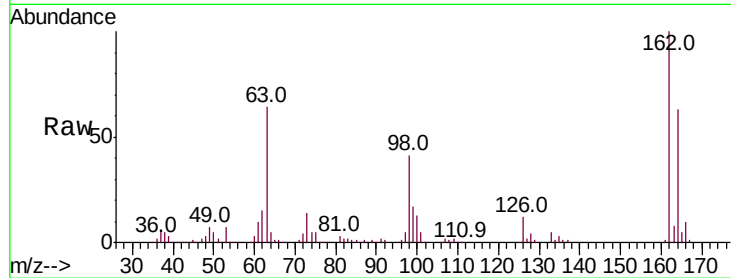
#29
 2,4-Dichlorophenol
 Concen: 44.647 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	232994		
164	63.1	44.6	84.6	
98	40.7	17.4	57.4	

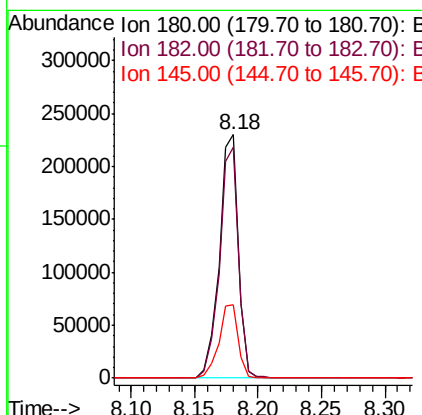
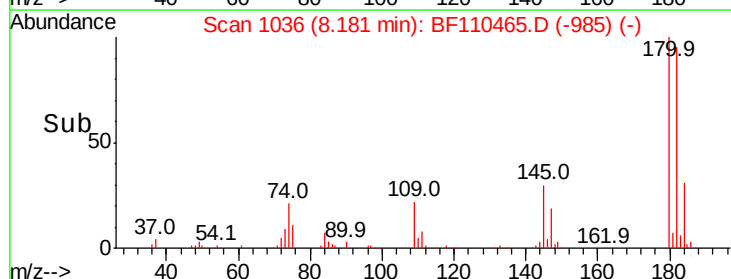
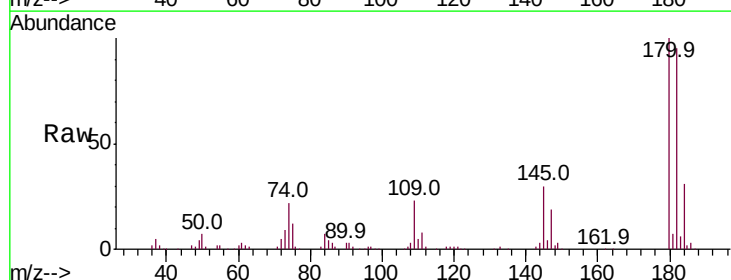
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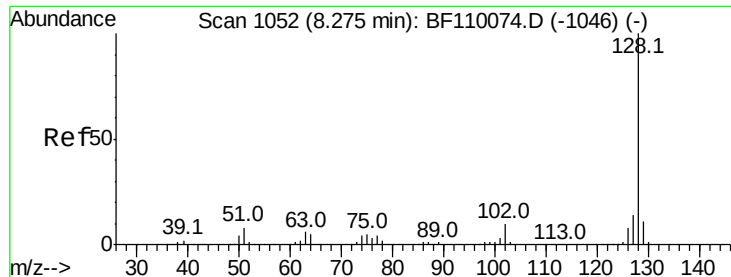
Sohil
 11/6/2018 9:00:56 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.359 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241759		
182	94.7	80.3	120.5	
145	30.4	25.4	38.0	





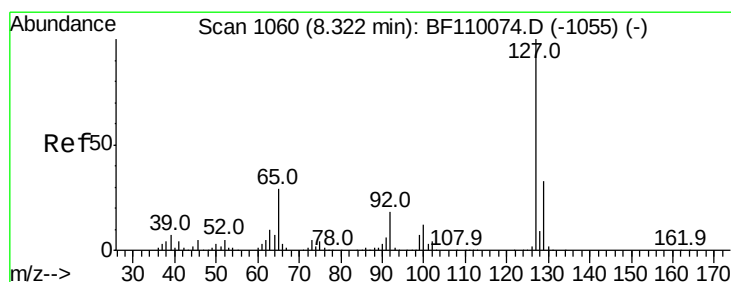
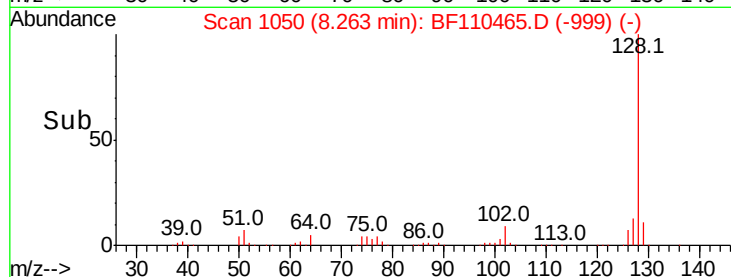
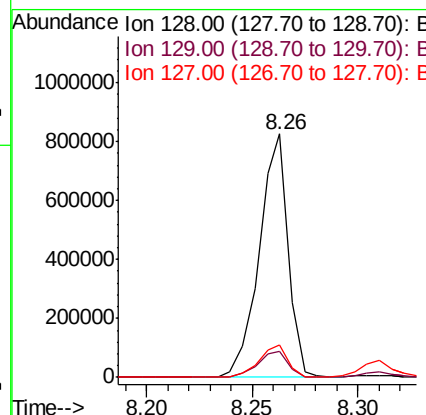
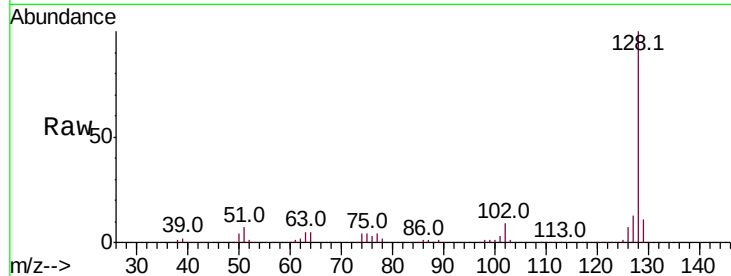
#31
Naphthalene
Concen: 45.456 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.8	16.2

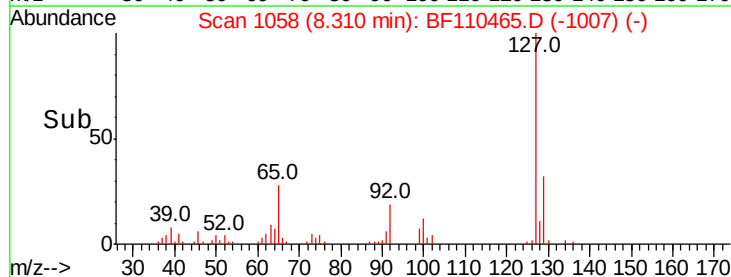
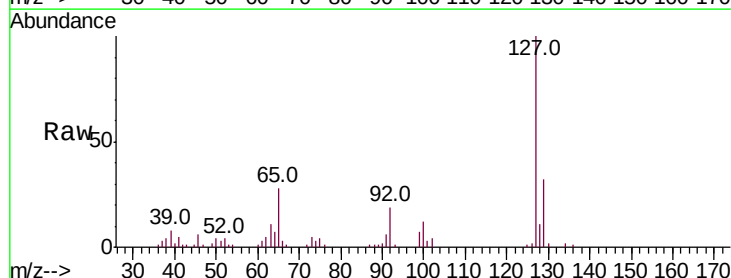
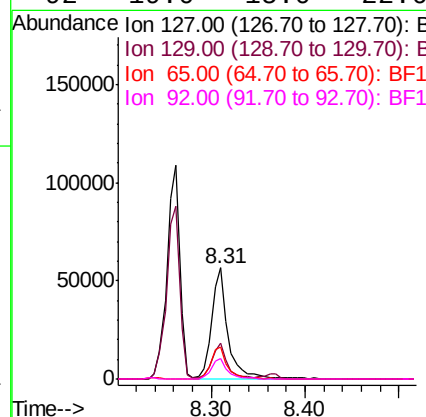
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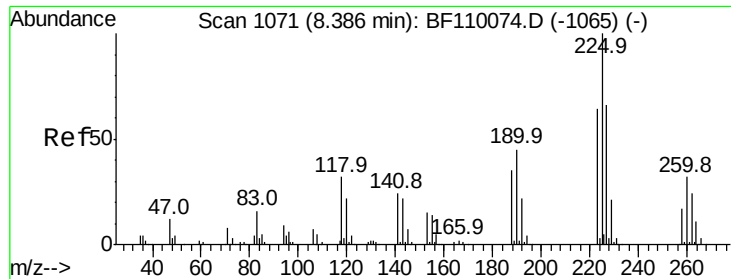
Sohil
11/6/2018 9:00:56 AM



#33
4-Chloroaniline
Concen: 8.856 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	28.4	25.1	37.7
92	19.0	15.0	22.6





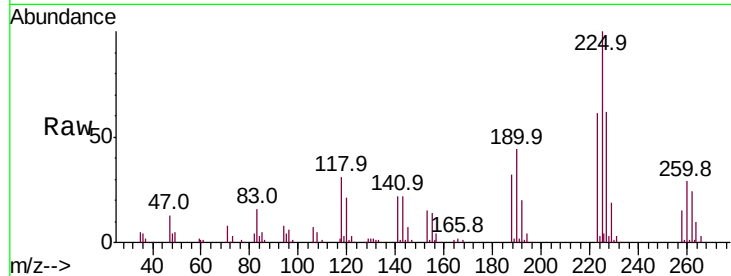
#34
Hexachlorobutadiene
Concen: 41.036 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

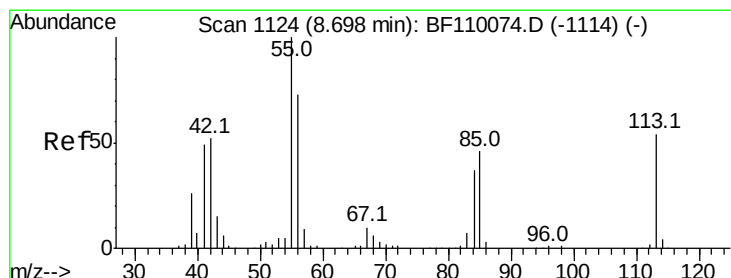
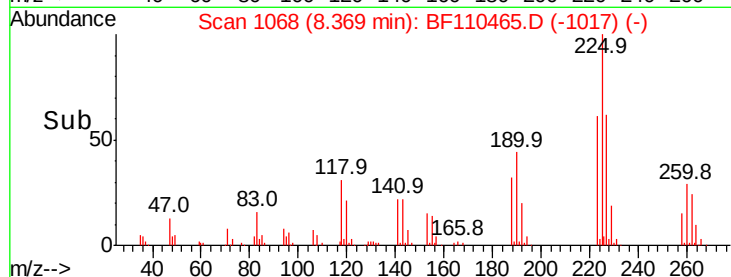
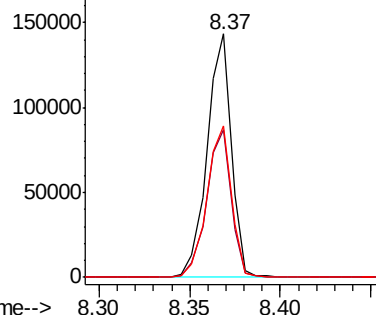
Tot Ion	Ratio	Resp	Lower	Upper
225	100	133188		
223	60.7	51.4	77.2	
227	62.4	51.0	76.6	

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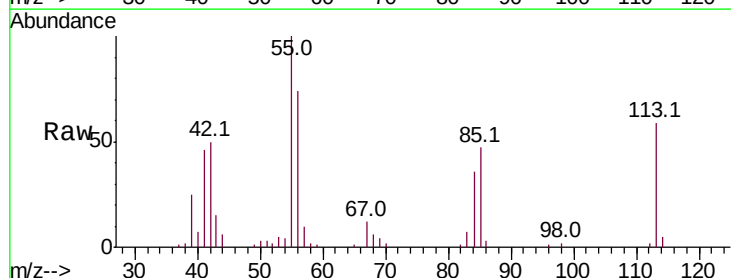


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

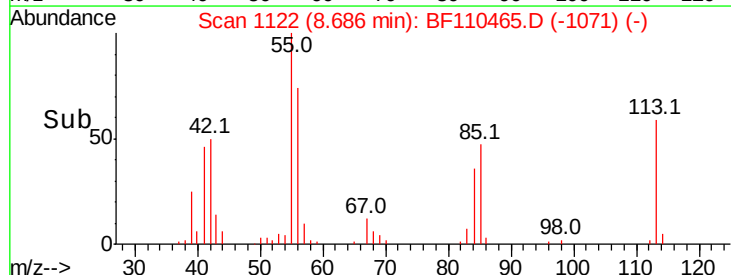
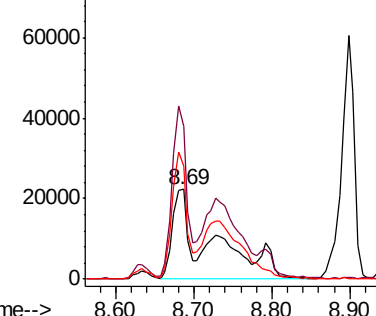


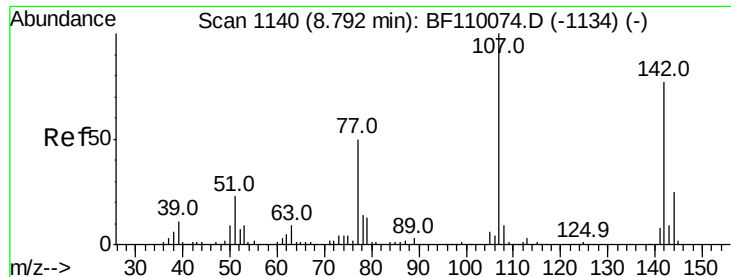
#35
Caprolactam
Concen: 41.416 ng m
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	75331		
55	170.5	142.8	182.8	
56	126.8	105.0	145.0	



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





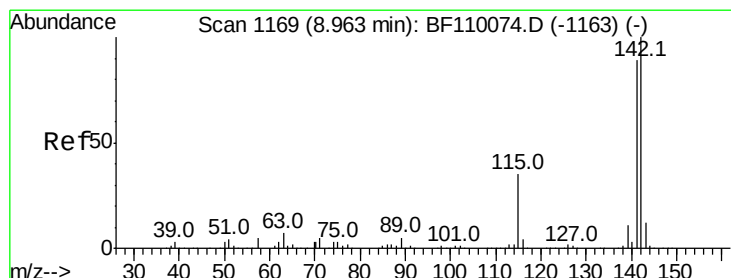
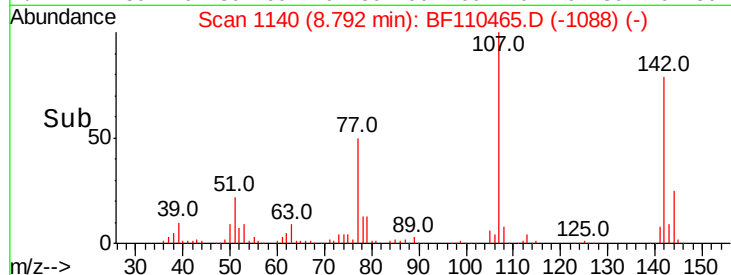
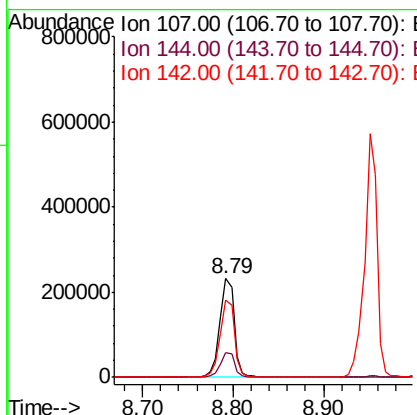
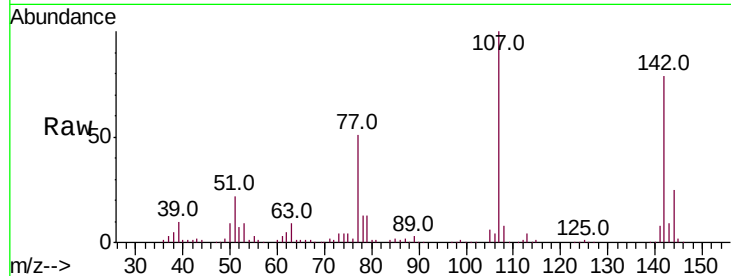
#36
 4-Chloro-3-methylphenol
 Concen: 45.385 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion:	107	Resp:	256113
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.0	30.0
142	78.8	59.7	89.5

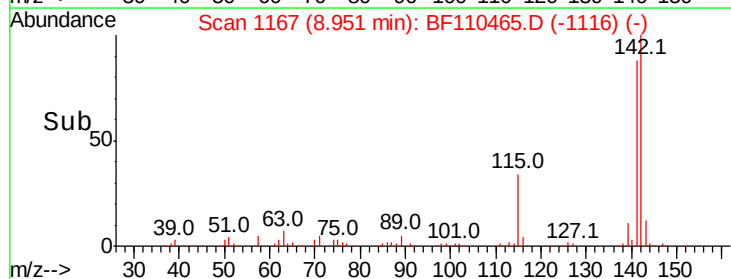
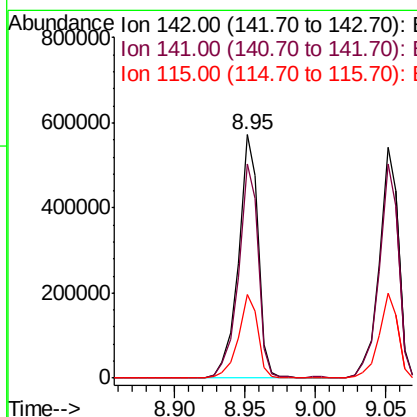
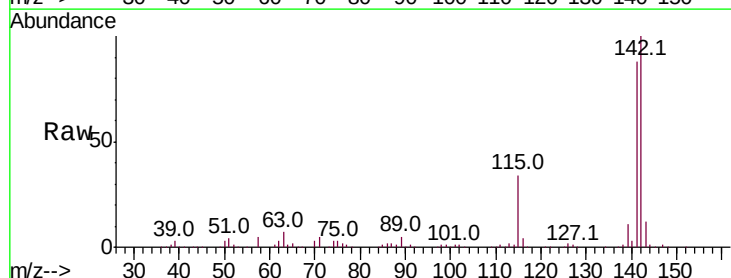
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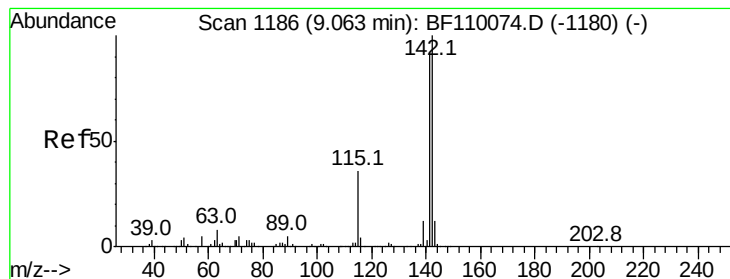
Sohil
 11/6/2018 9:00:56 AM



#37
 2-Methylnaphthalene
 Concen: 48.321 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion:	142	Resp:	554235
Ion Ratio	Lower	Upper	
142	100		
141	87.7	71.4	107.2
115	34.1	28.7	43.1





#38

1-Methylnaphthalene

Concen: 46.432 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

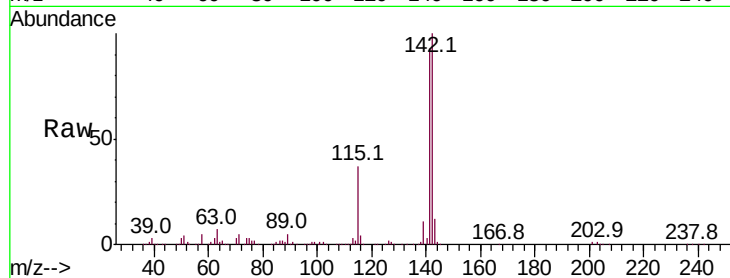
ClientSampleId :

HL-R25951-RTMSD

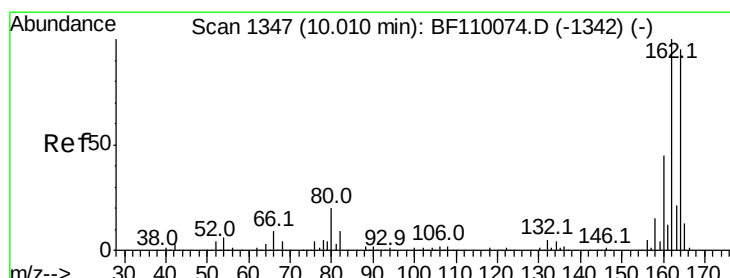
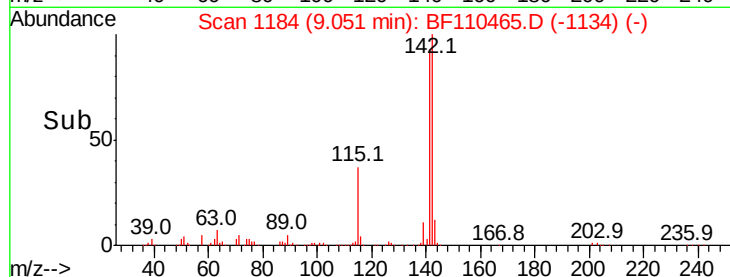
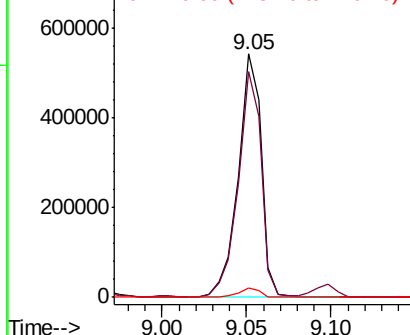
Tot Ion:	142	Resp:	514650
Ion Ratio	Lower	Upper	
142	100		
141	92.8	74.2	111.4
116	3.7	2.6	4.0

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11/6/2018 9:00:56 AM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

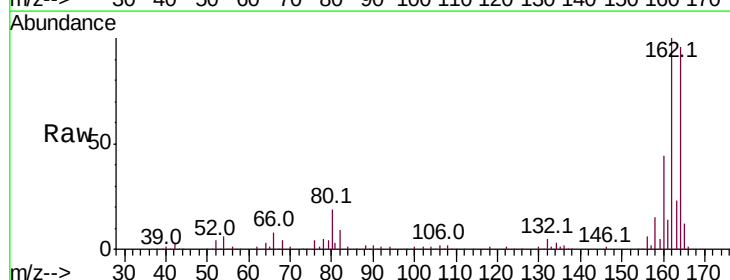
RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

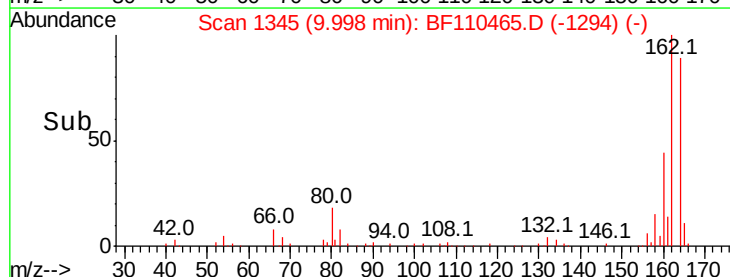
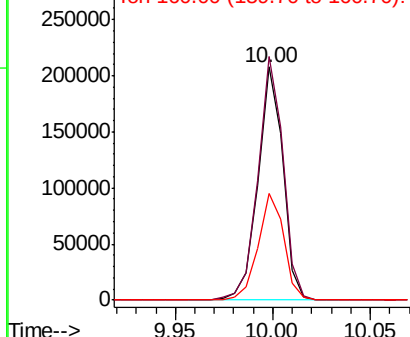
Lab File: BF110465.D

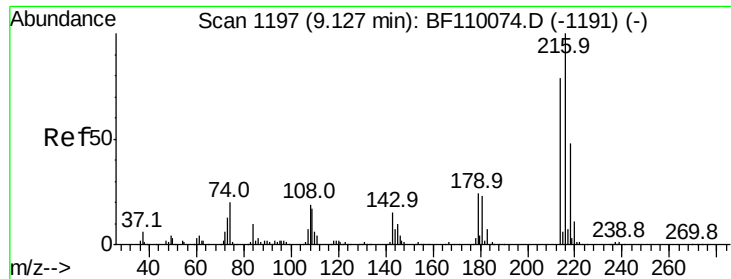
Acq: 5 Nov 2018 15:22

Tgt Ion:	164	Resp:	183546
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.0	124.6
160	45.5	37.0	55.6



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





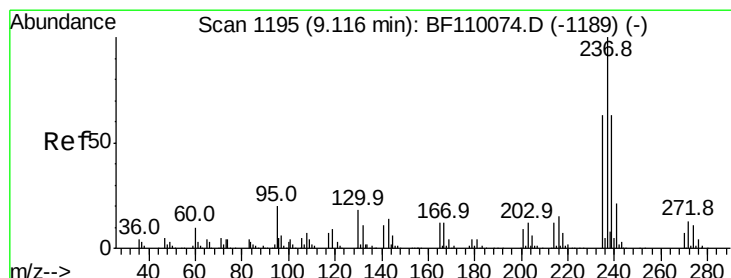
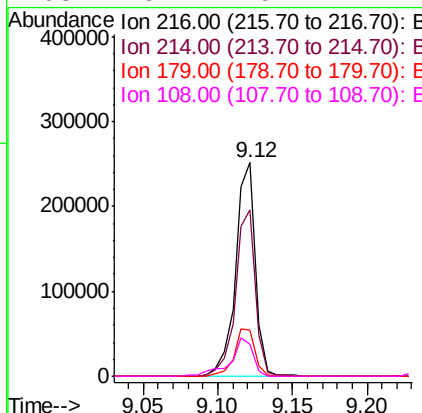
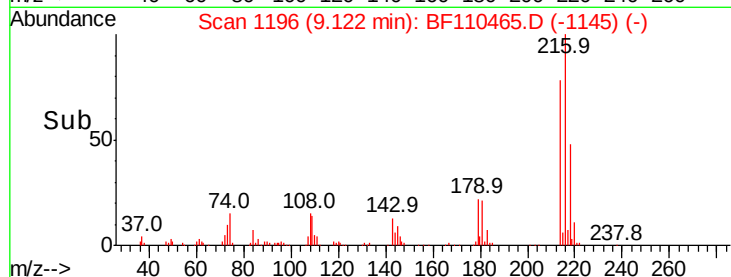
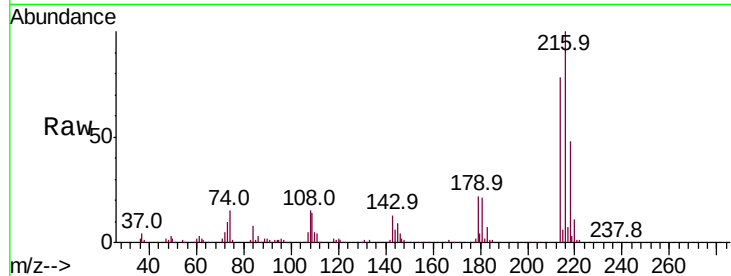
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.928 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.8	95.6	
179	23.1	16.6	25.0	
108	20.7	15.1	22.7	

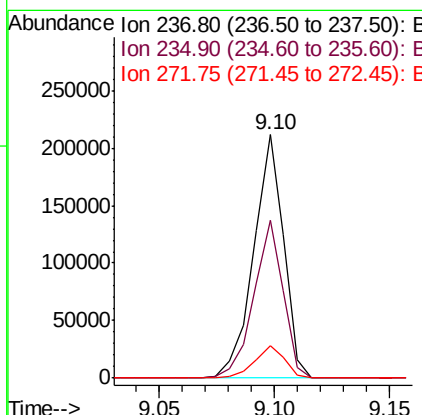
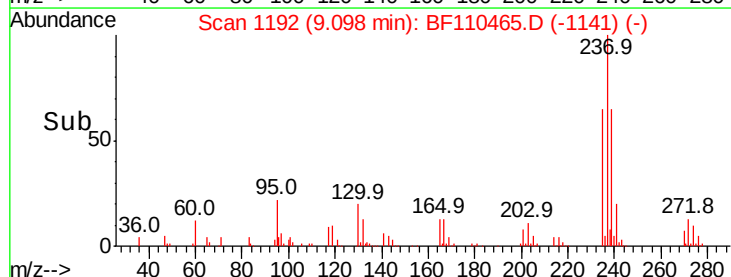
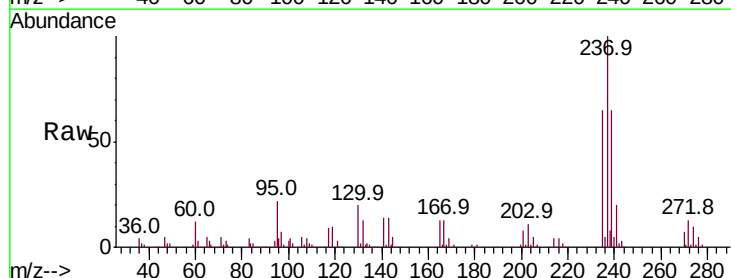
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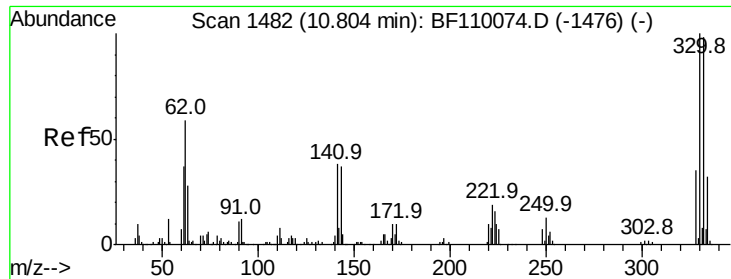
Sohil
 11/6/2018 9:00:56 AM



#41
 Hexachlorocyclopentadiene
 Concen: 65.584 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.7	43.1	83.1	
272	13.1	0.0	32.6	





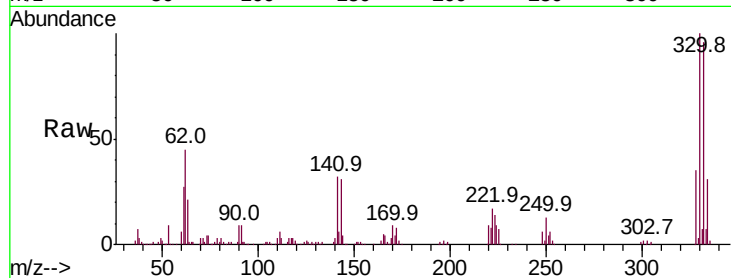
#42
 2,4,6-Tribromophenol
 Concen: 146.475 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	266313		
332	94.4	77.1	115.7	
141	37.0	27.0	40.4	

Manual Integrations
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Sohil
 11/6/2018 9:00:56 AM

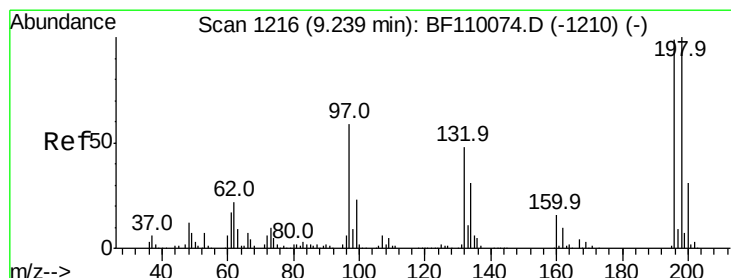
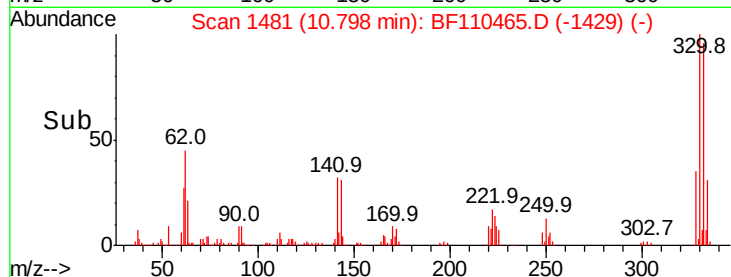
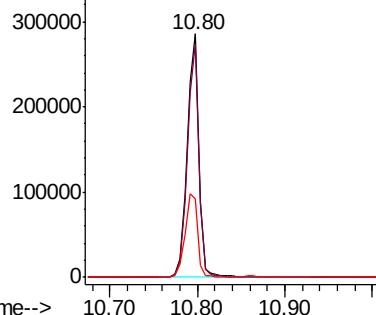


Abundance

Ion 329.80 (329.50 to 330.50): E

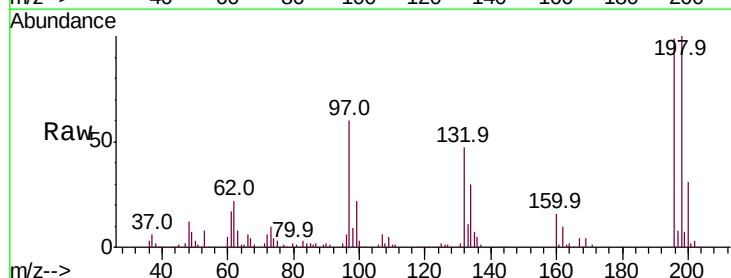
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 42.857 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158084		
198	100.9	76.2	114.4	
200	31.5	24.4	36.6	

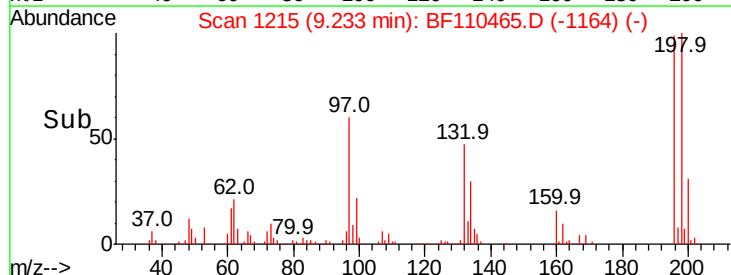
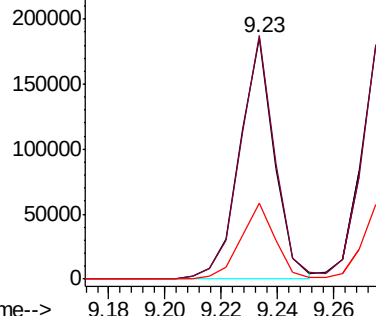


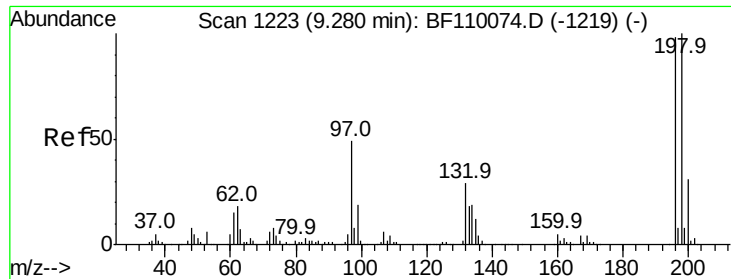
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





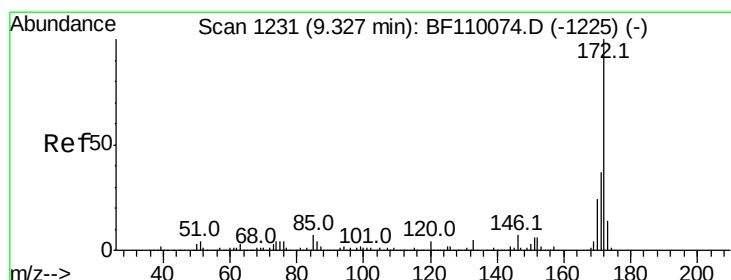
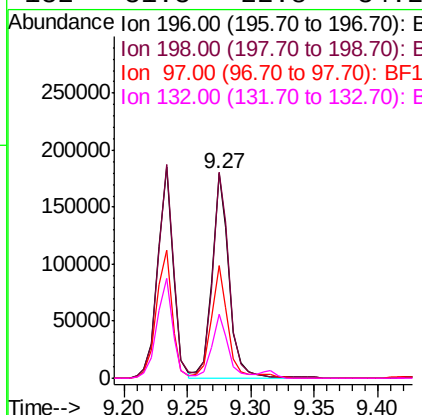
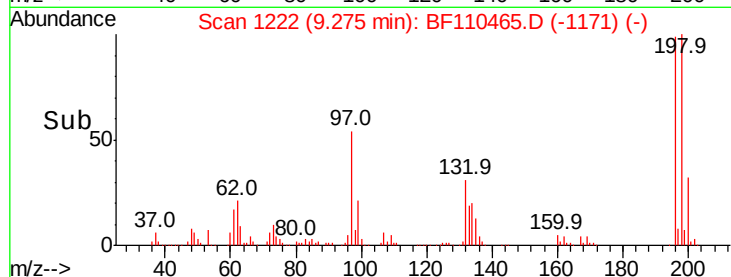
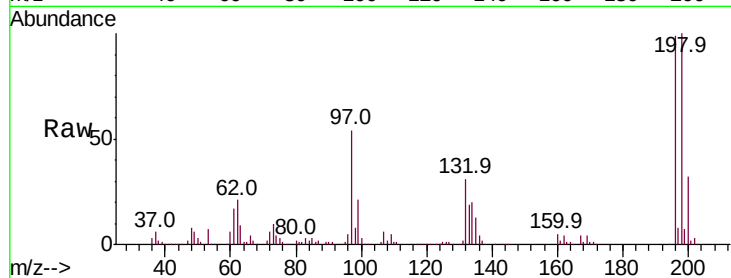
#44
 2,4,5-Trichlorophenol
 Concen: 43.678 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170302		
198	100.8		75.8	113.6
97	54.8		42.4	63.6
132	31.3		22.8	34.2

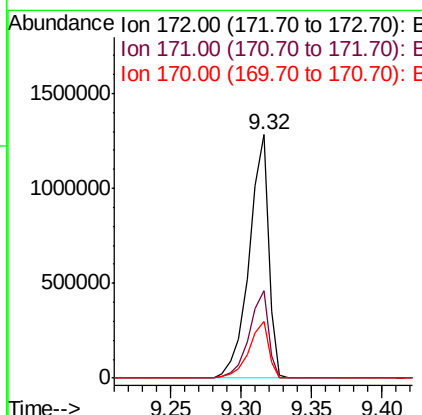
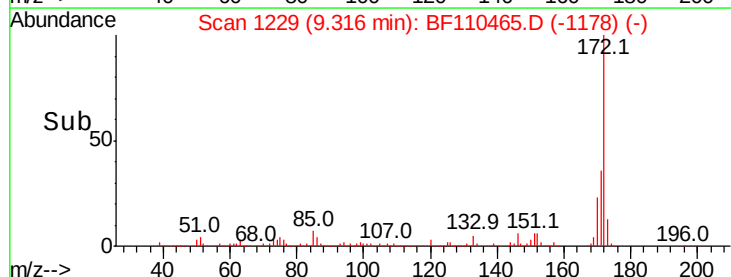
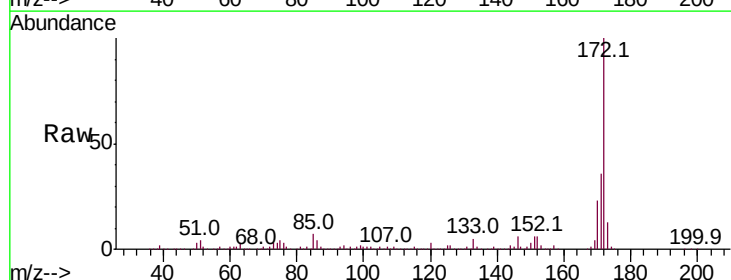
Manual Integrations
 APPROVED

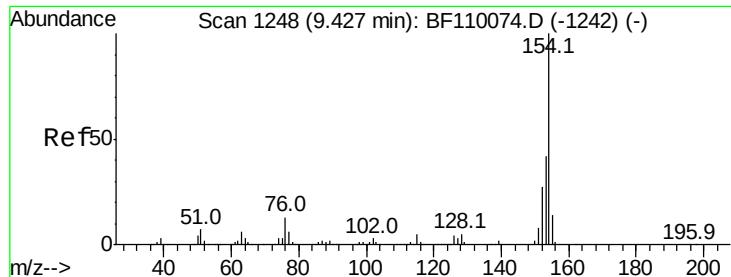
Sohil
 11/6/2018 9:00:56 AM



#45
 2-Fluorobiphenyl
 Concen: 106.184 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1241174		
171	35.8		28.6	43.0
170	23.4		19.7	29.5





#46

1,1'-Biphenyl

Concen: 40.472 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

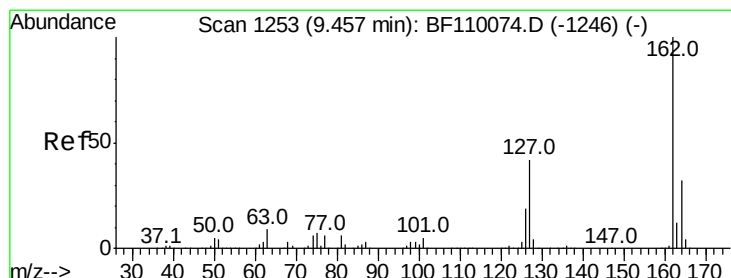
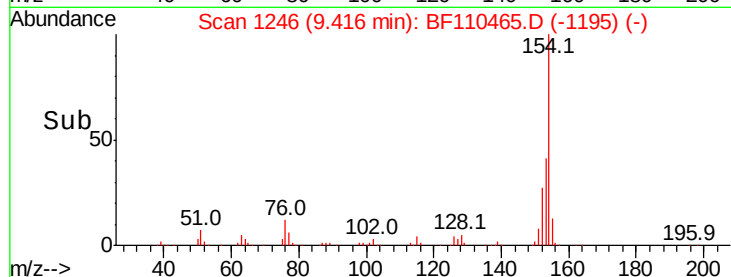
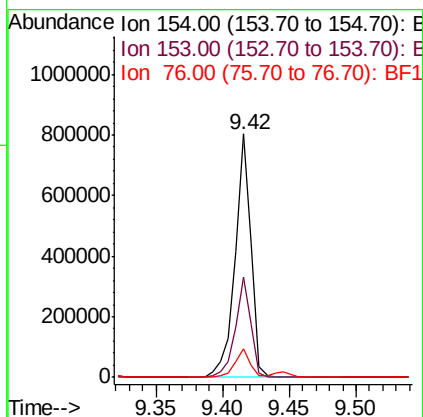
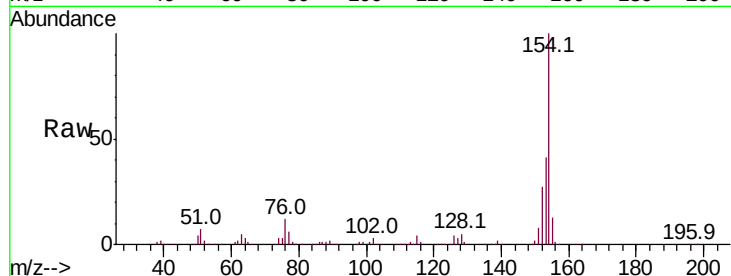
ClientSampleId :

HL-R25951-RTMSD

Tot Ion:	154	Resp:	671758
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.4	60.4
76	11.6	0.0	31.9

Manual Integrations
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Sohil
11/6/2018 9:00:56 AM



#47

2-Chloronaphthalene

Concen: 41.182 ng

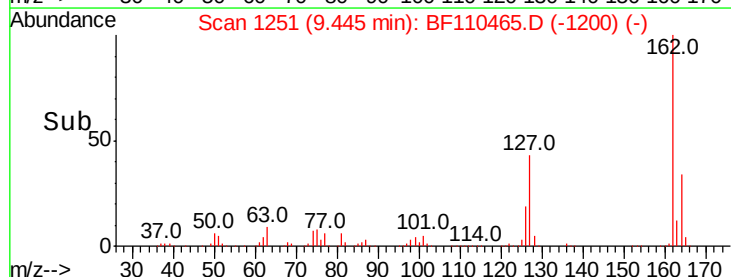
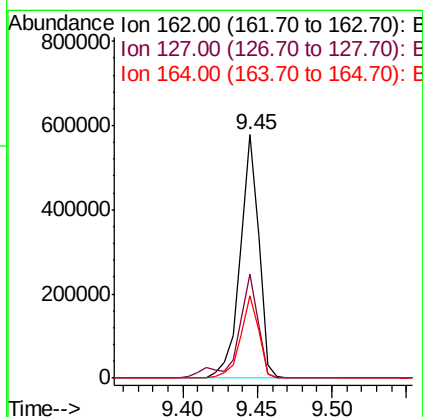
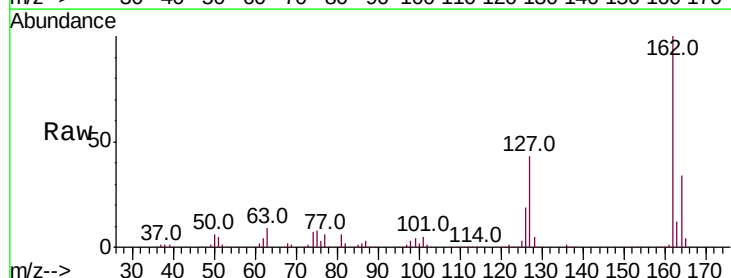
RT: 9.45 min Scan# 1251

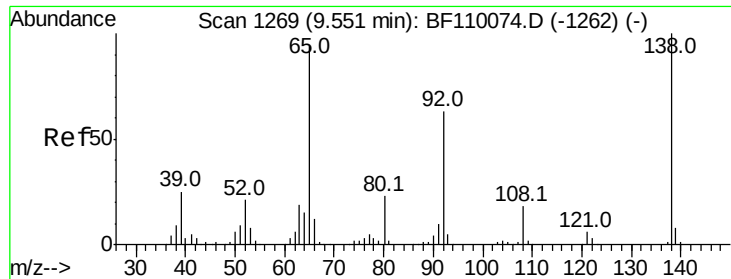
Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:	162	Resp:	501392
Ion Ratio	Lower	Upper	
162	100		
127	42.6	32.6	48.8
164	33.6	25.9	38.9





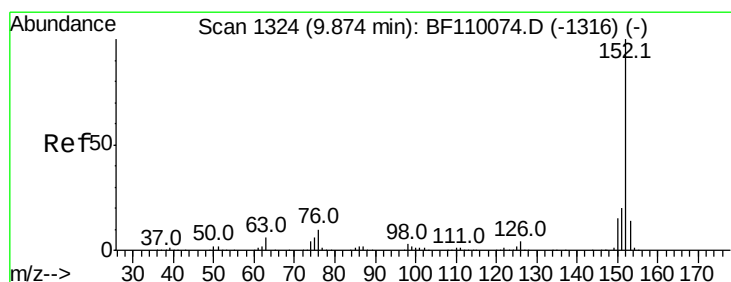
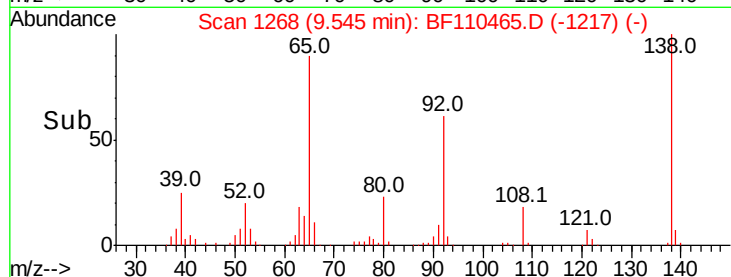
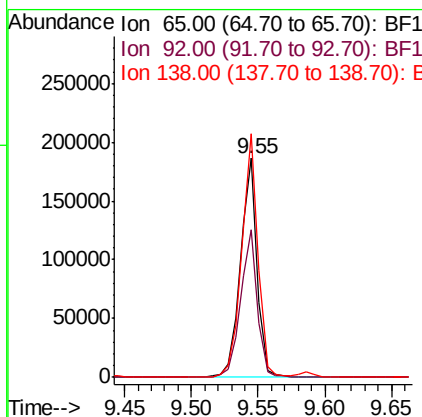
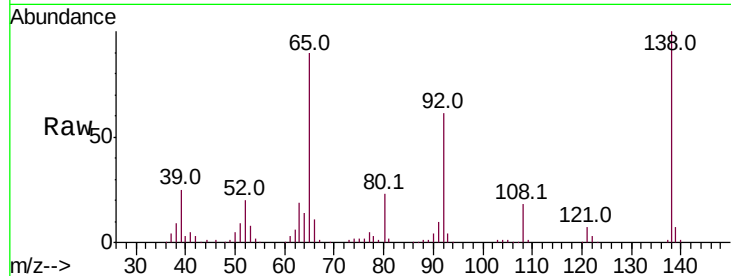
#48
2-Nitroaniline
Concen: 44.085 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.6	81.8
138	111.2	80.3	120.5

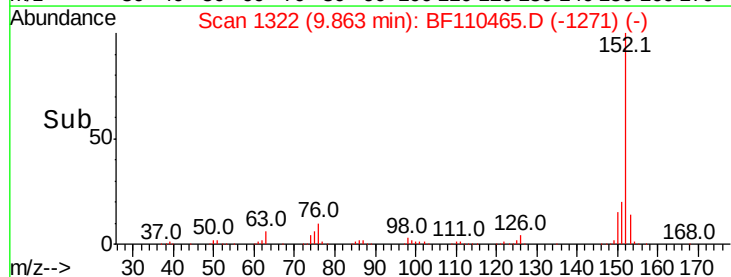
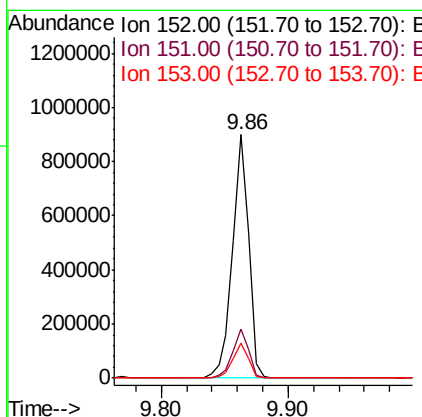
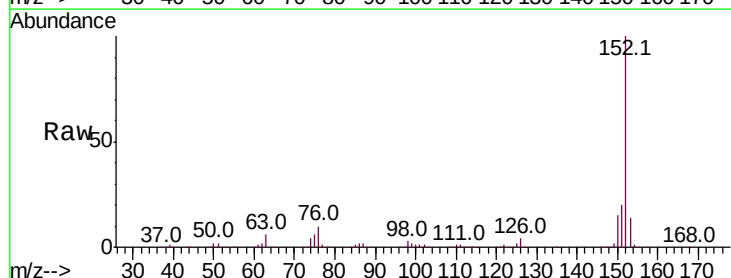
Manual Integrations
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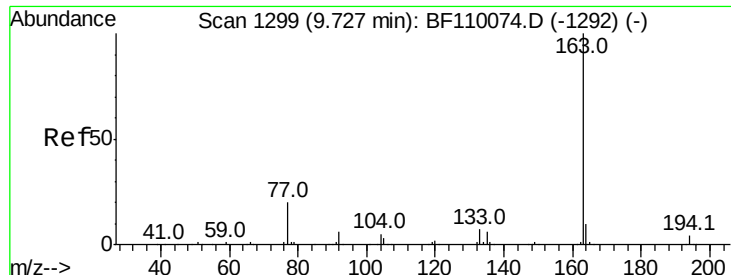
Sohil
11/6/2018 9:00:56 AM



#49
Acenaphthylene
Concen: 44.896 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	14.1	10.4	15.6





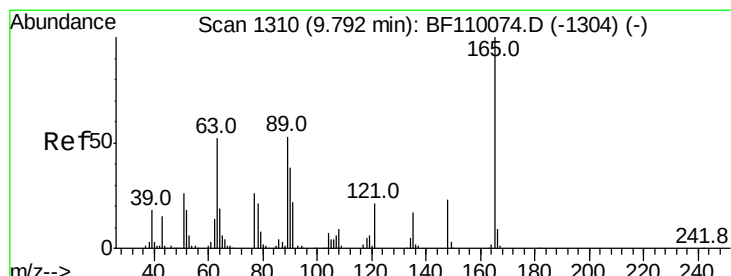
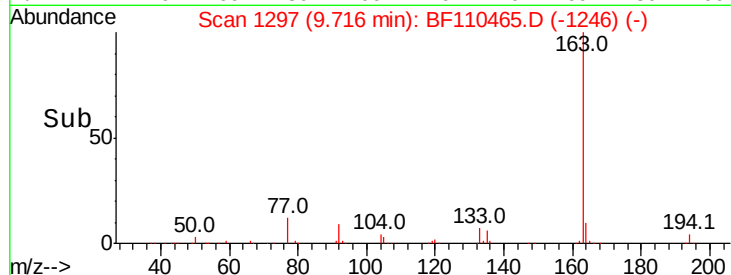
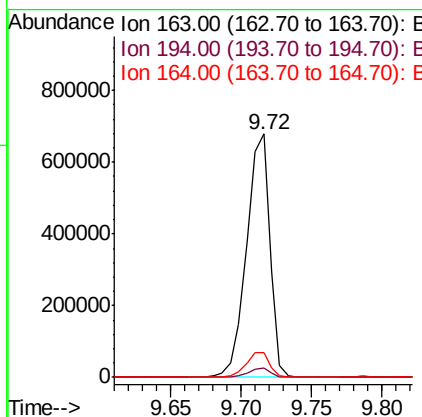
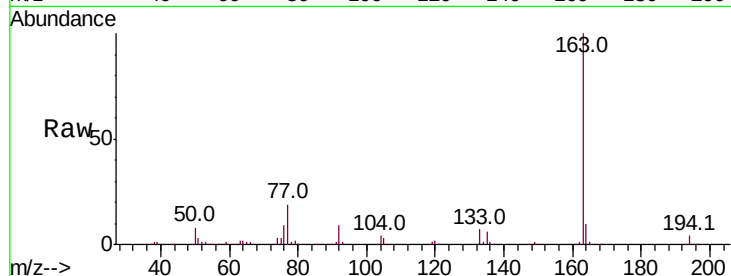
#50
Dimethylphthalate
Concen: 58.259 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	789343		
194	3.7		3.2	4.8
164	10.0		8.1	12.1

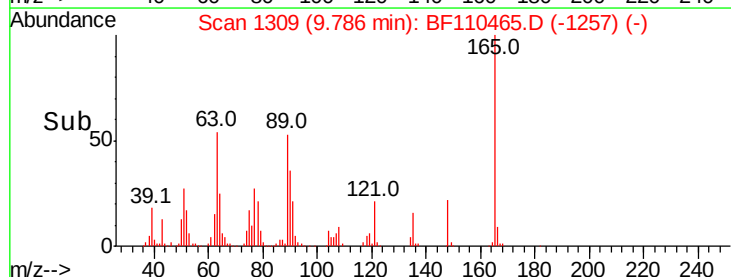
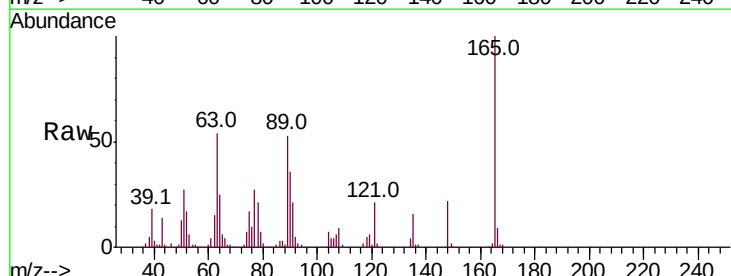
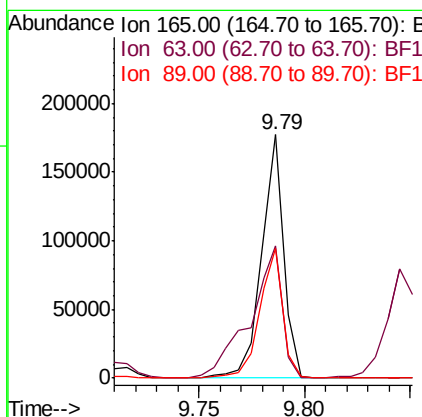
Manual Integrations
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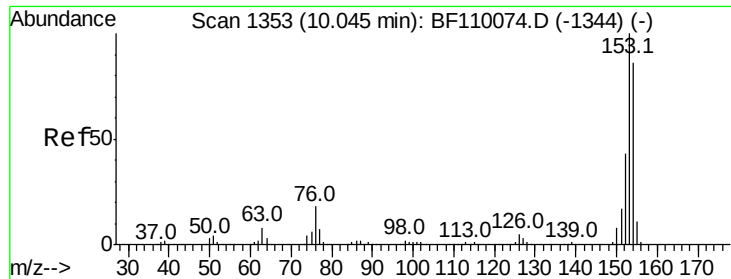
Sohil
11/6/2018 9:00:56 AM



#51
2,6-Dinitrotoluene
Concen: 44.595 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130151		
63	54.3		48.9	73.3
89	53.1		46.6	69.8





#52

Acenaphthene

Concen: 40.850 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

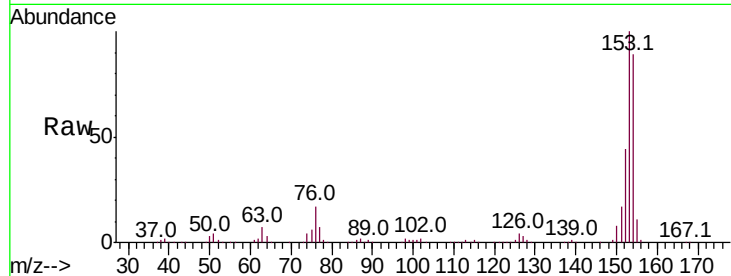
ClientSampleId :

HL-R25951-RTMSD

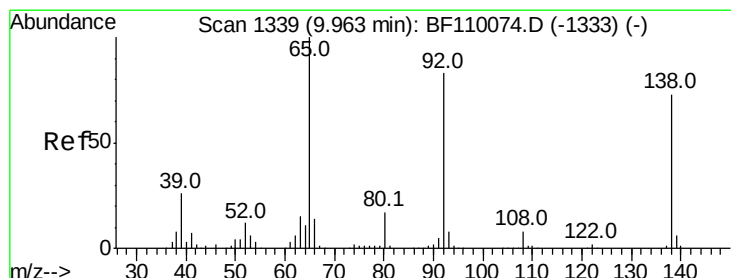
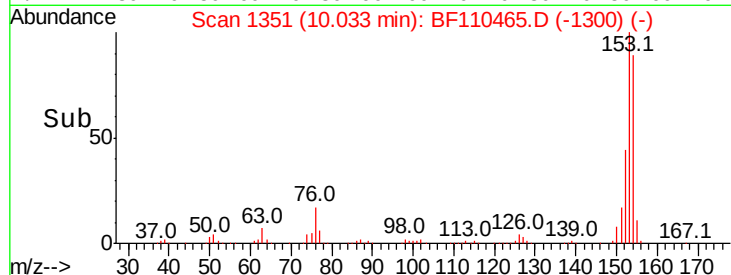
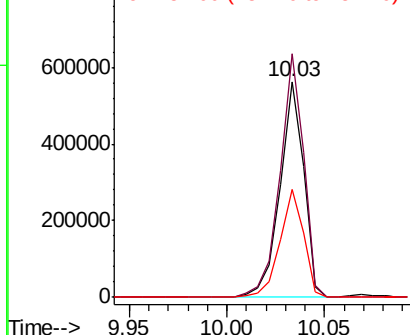
Tot Ion:	154	Resp:	475220
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.1	135.1
152	49.9	43.4	65.2

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



#53

3-Nitroaniline

Concen: 21.751 ng

RT: 9.96 min Scan# 1338

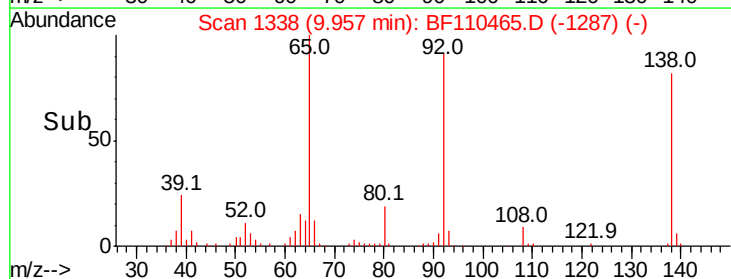
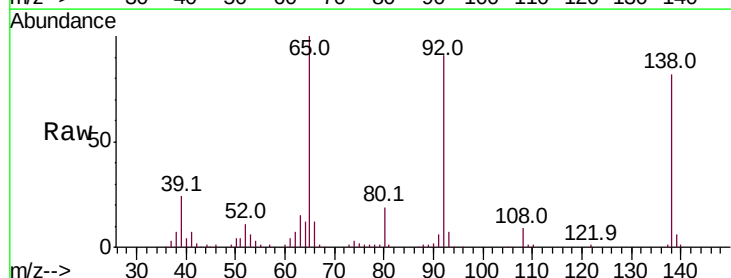
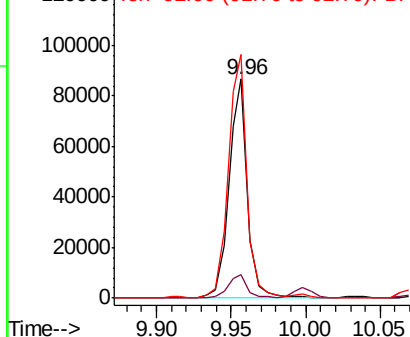
Delta R.T. 0.00 min

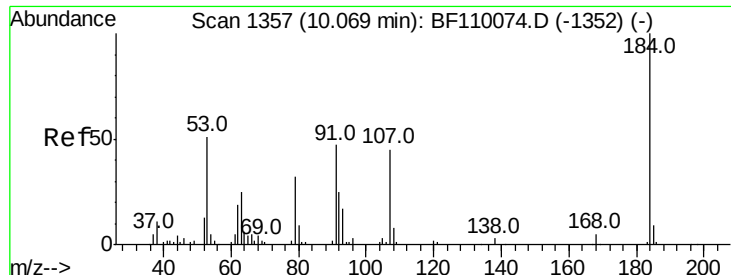
Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:	138	Resp:	75491
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.7	13.1
92	111.2	97.0	145.4

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





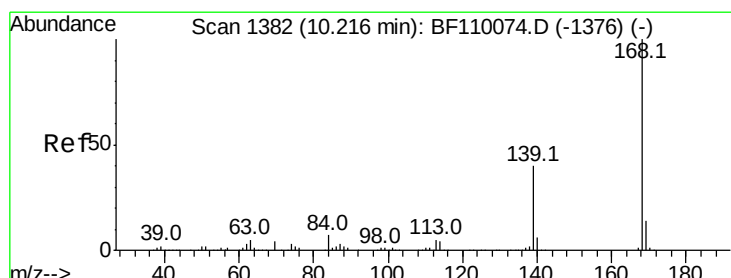
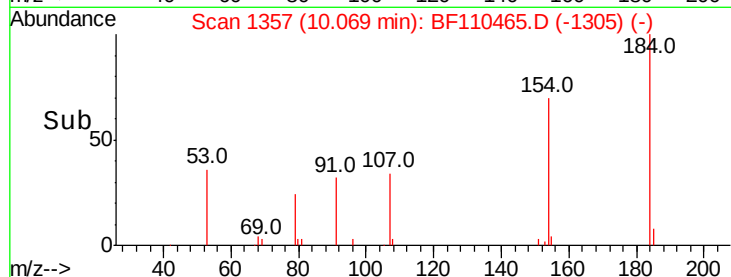
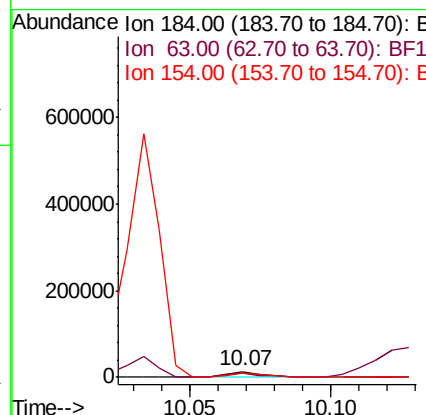
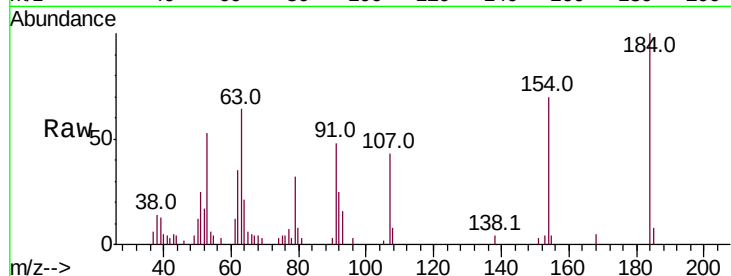
#54
2,4-Dinitrophenol
Concen: 15.295 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.2	55.8	83.6
154	70.0	63.2	94.8

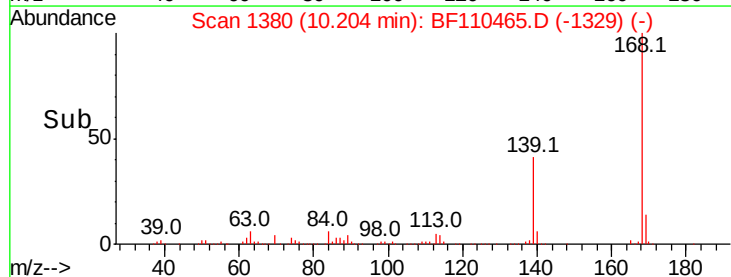
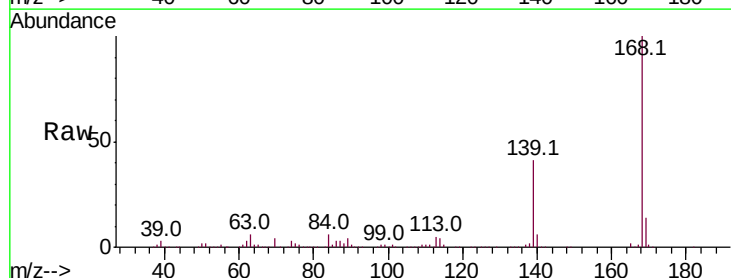
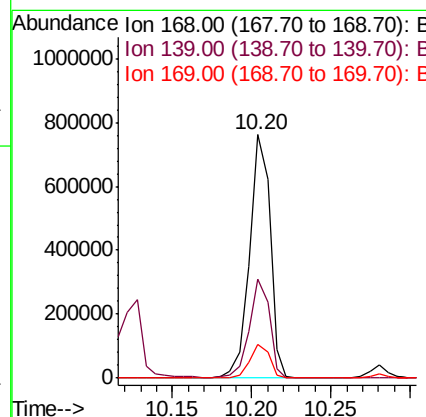
Manual Integrations
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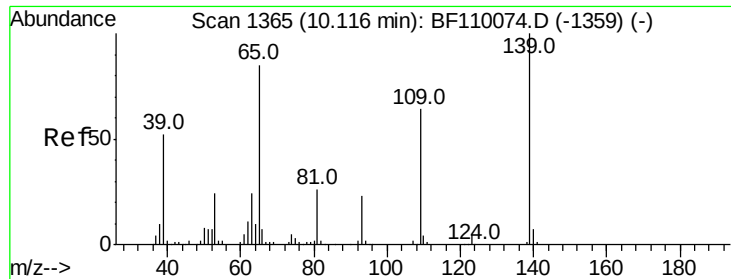
Sohil
11/6/2018 9:00:56 AM



#55
Dibenzofuran
Concen: 42.113 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.0	49.6
169	13.9	11.3	16.9





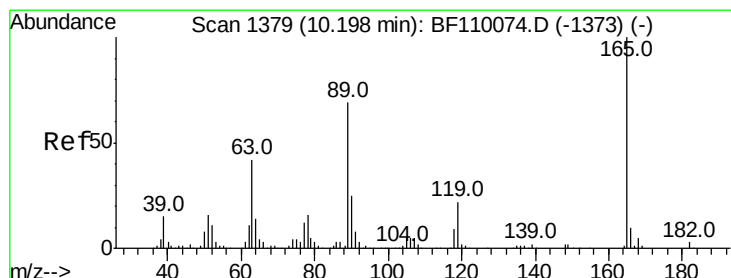
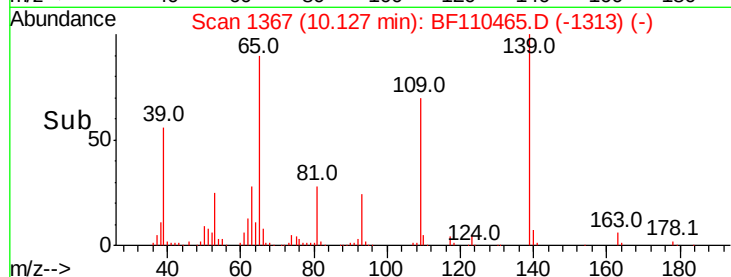
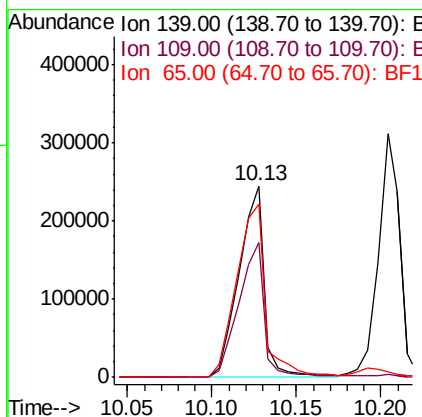
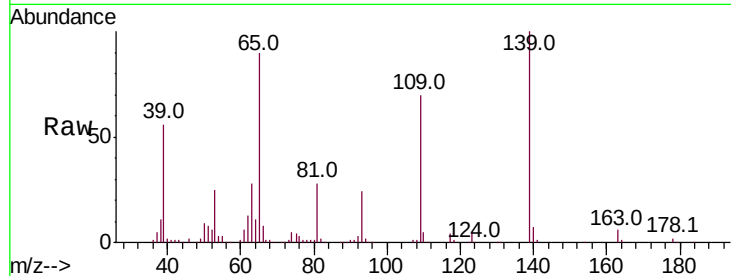
#56
4-Nitrophenol
Concen: 100.398 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.5	55.8	95.8
65	90.3	77.9	117.9

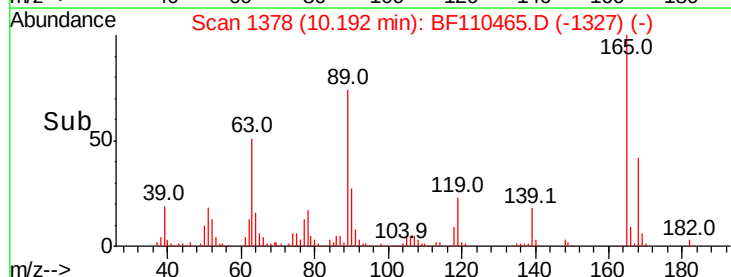
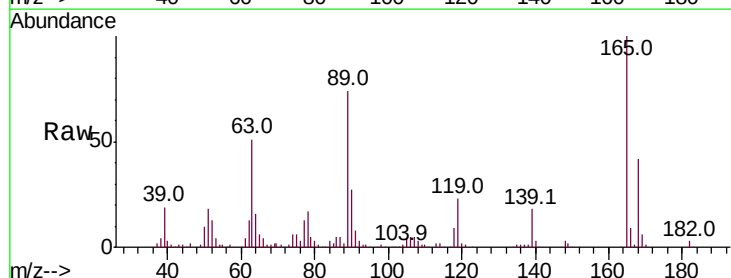
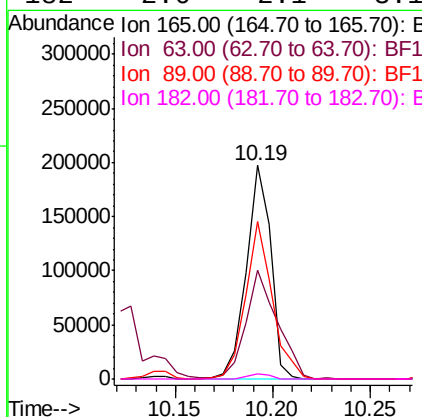
Manual Integrations
APPROVED

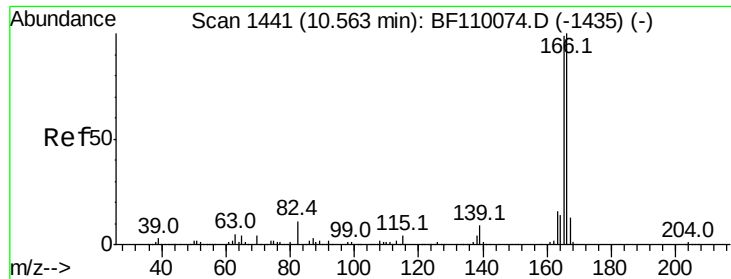
Sohil
11/6/2018 9:00:56 AM



#57
2,4-Dinitrotoluene
Concen: 46.424 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.8	44.8	67.2
89	73.8	62.2	93.4
182	2.6	2.1	3.1





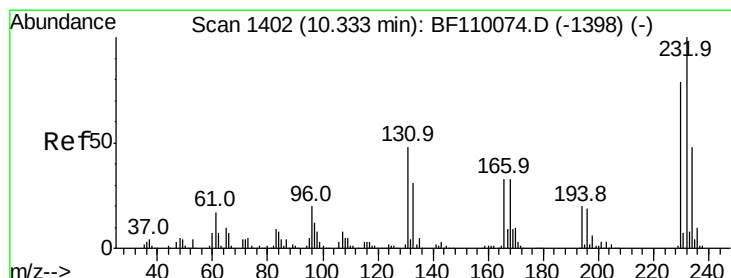
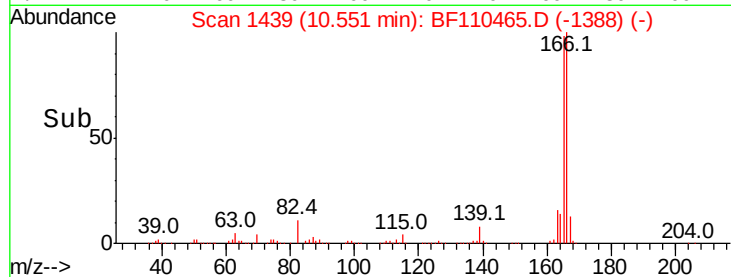
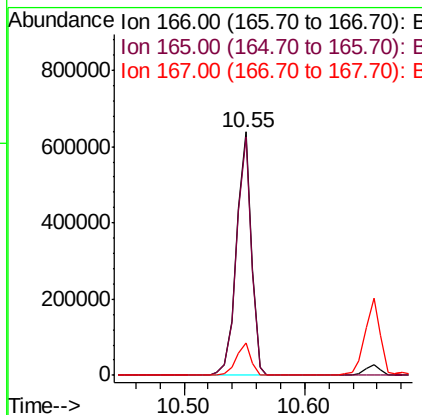
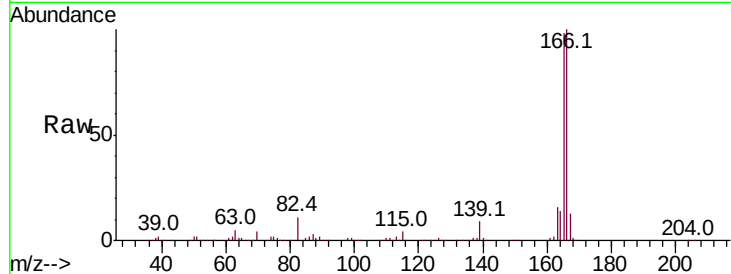
#58
Fluorene
Concen: 45.550 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.3	10.8	16.2

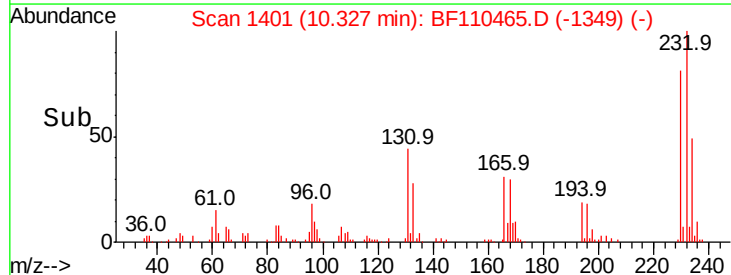
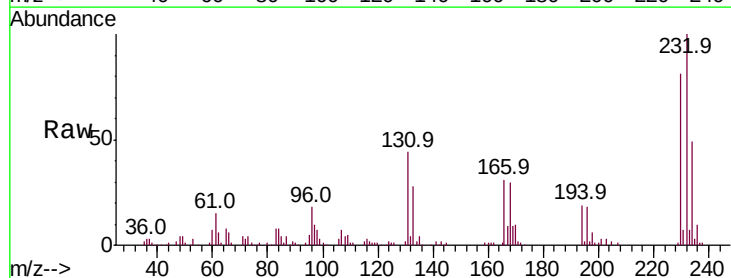
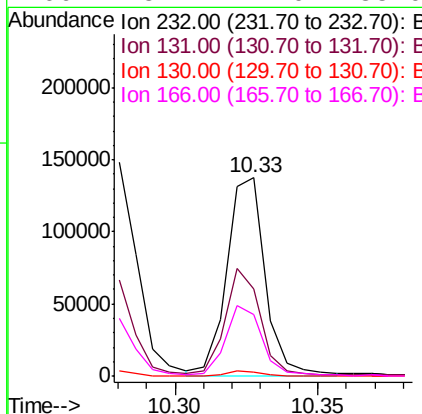
Manual Integrations
APPROVED

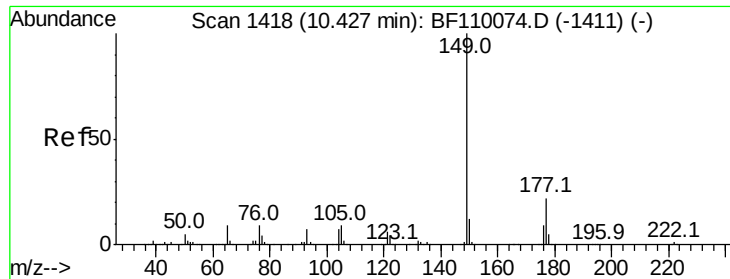
Sohil
11/6/2018 9:00:56 AM



#59
2,3,4,6-Tetrachlorophenol
Concen: 41.134 ng m
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	37.0	55.4
130	2.1	1.8	2.6
166	25.1	22.0	33.0





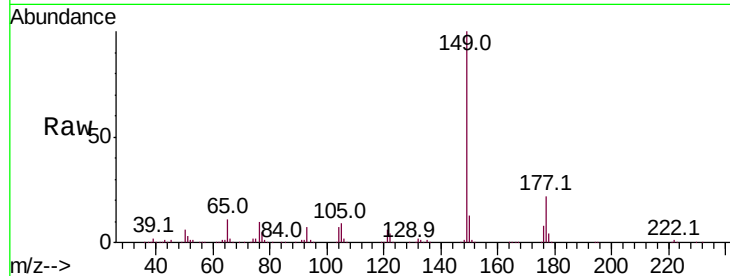
#60
Diethylphthalate
Concen: 43.714 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

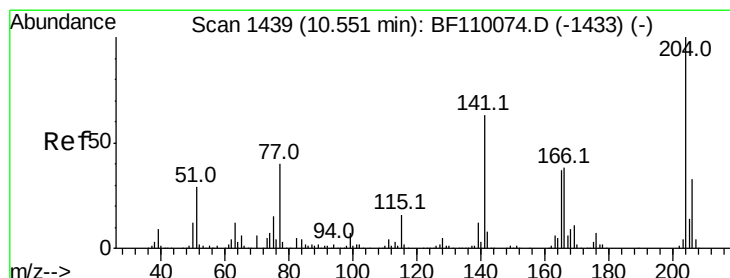
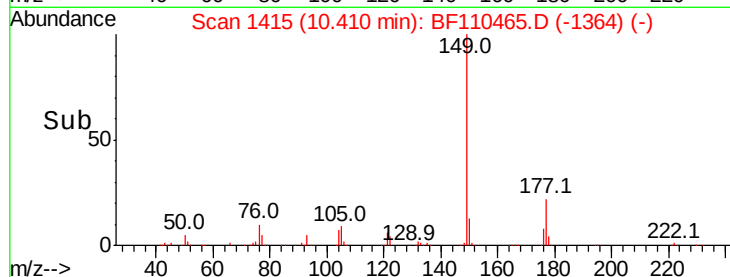
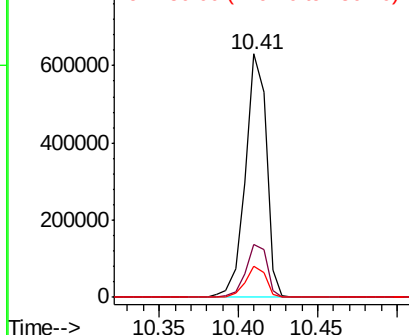
Tot Ion	Ratio	Resp	Lower	Upper
149	100	578156		
177	21.6		17.4	26.2
150	12.6		9.8	14.8

Manual Integrations
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Sohil
11/6/2018 9:00:56 AM

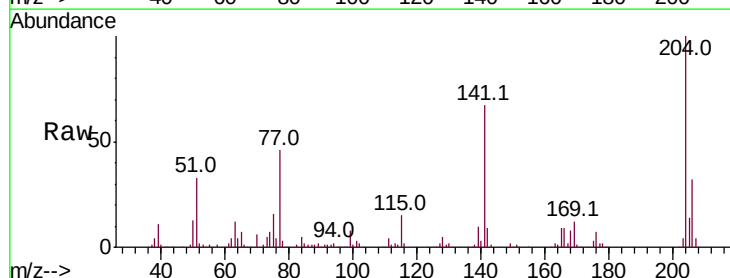


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

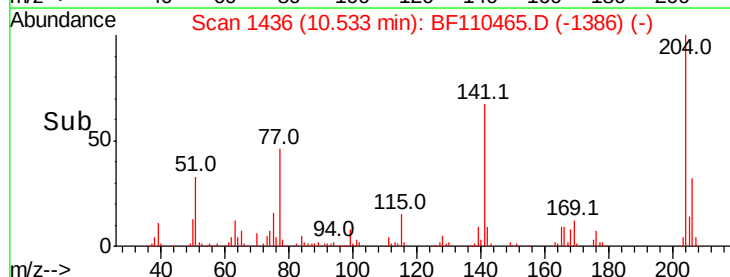
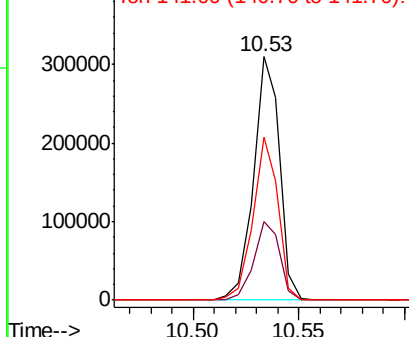


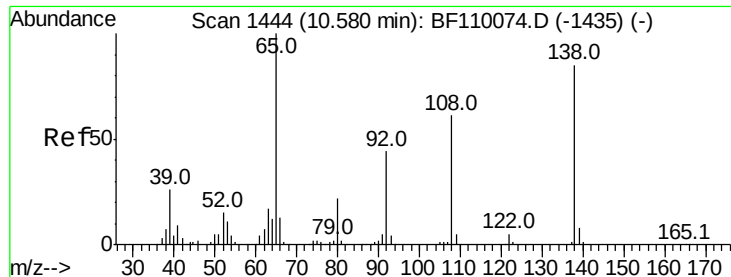
#61
4-Chlorophenyl-phenylether
Concen: 41.361 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	264493		
206	32.1		26.5	39.7
141	67.1		51.8	77.8



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





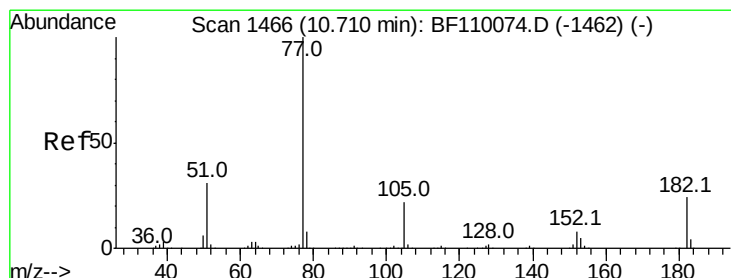
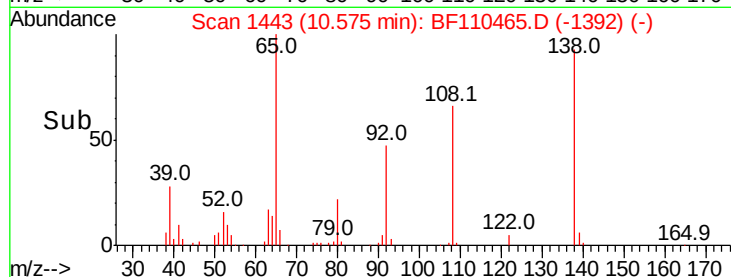
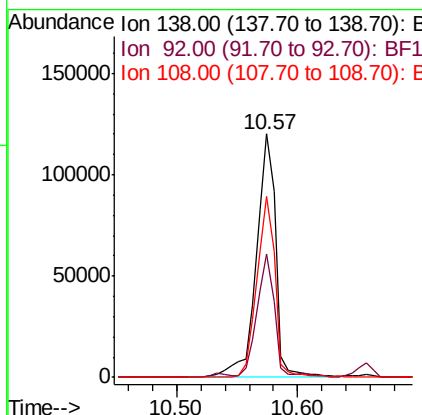
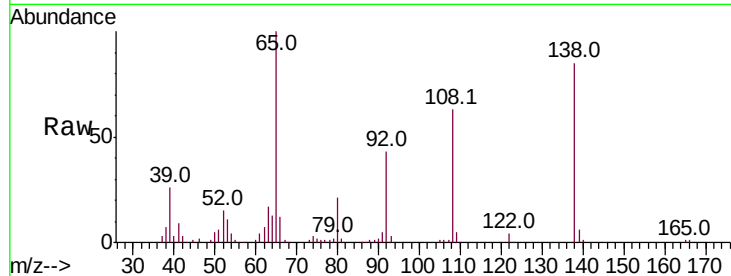
#62
4-Nitroaniline
Concen: 39.004 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.7	71.7
108	74.2	59.3	99.3

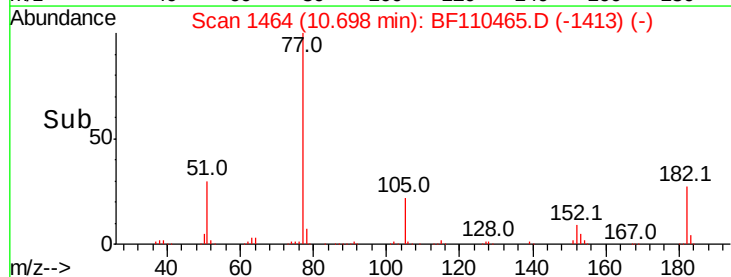
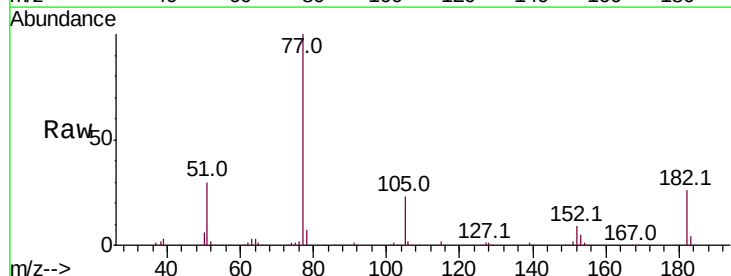
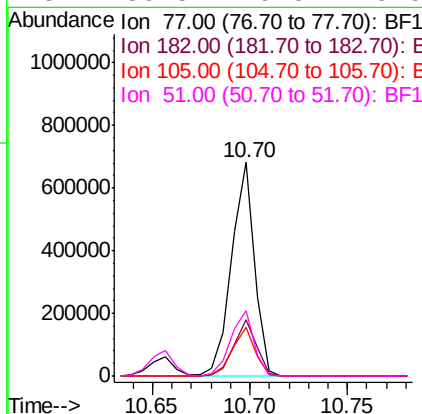
Manual Integrations
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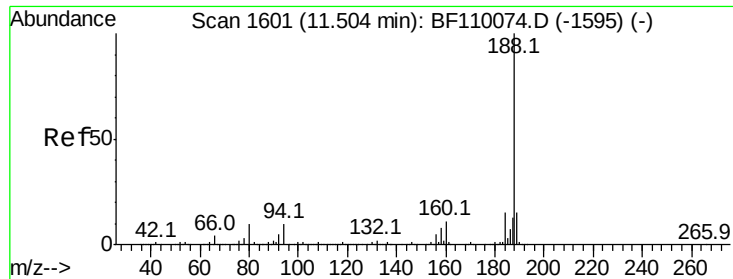
Sohil
11/6/2018 9:00:56 AM



#63
Azobenzene
Concen: 42.336 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.3	44.3
105	22.6	1.3	41.3
51	30.5	9.0	49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

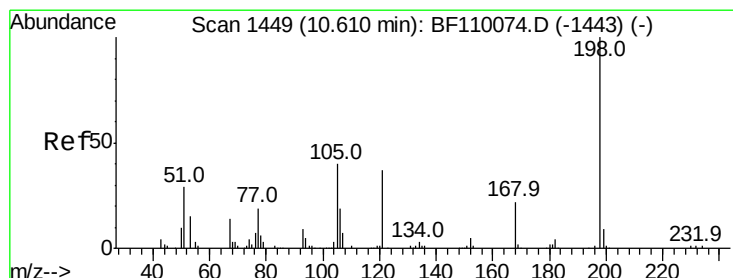
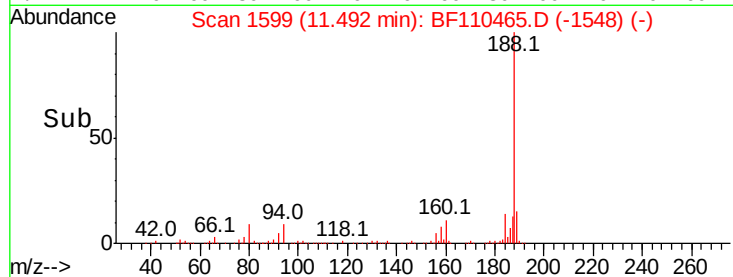
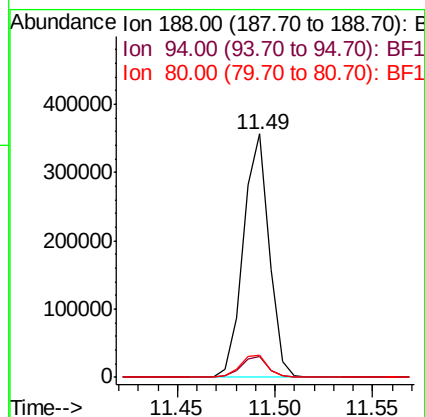
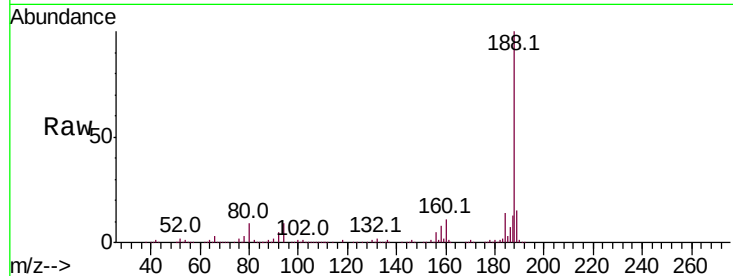
ClientSampleId :

HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.8	7.2	10.8	
80	9.3	7.9	11.9	

Manual Integrations
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Sohil
11/6/2018 9:00:56 AM



#65

4,6-Dinitro-2-methylphenol

Concen: 30.298 ng

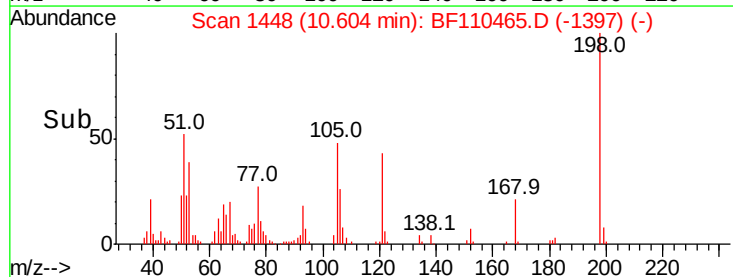
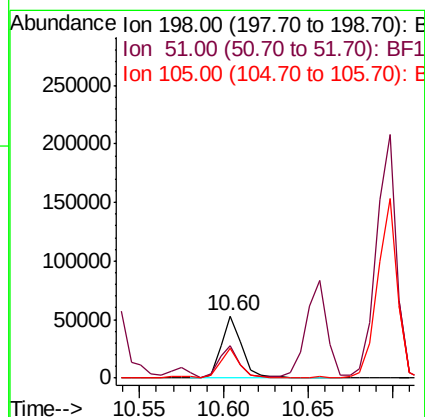
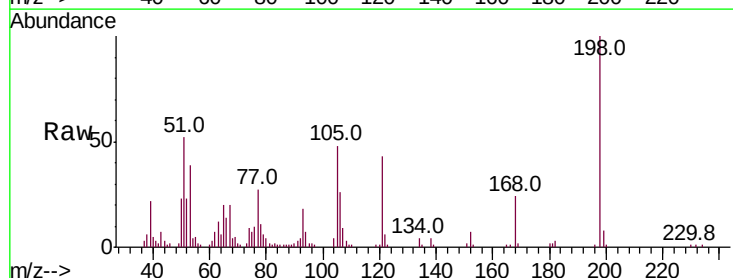
RT: 10.60 min Scan# 1448

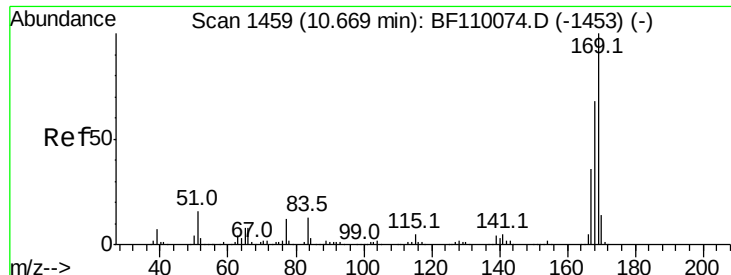
Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	51.6	22.8	62.8	
105	47.7	23.6	63.6	





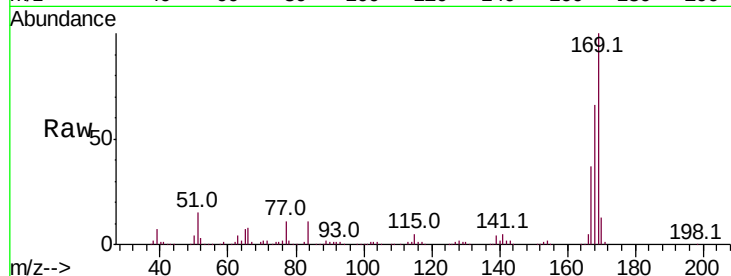
#66
n-Nitrosodiphenylamine
Concen: 45.030 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.1	51.2	76.8	
167	36.6	27.8	41.6	

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11/6/2018 9:00:56 AM

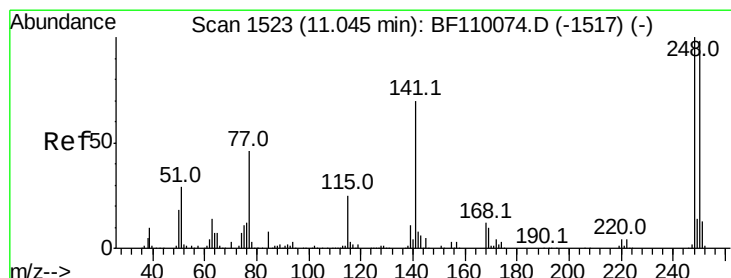
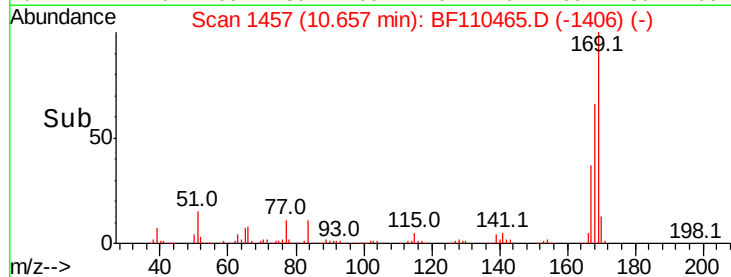
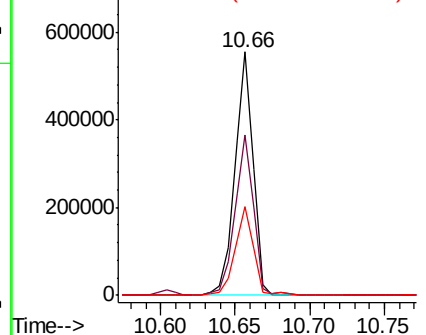


Abundance

Ion 169.00 (168.70 to 169.70): E

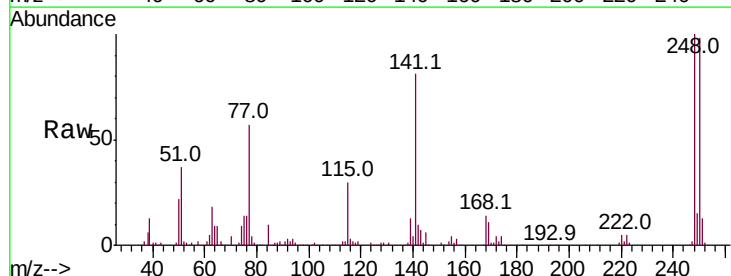
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
4-Bromophenyl-phenylether
Concen: 43.613 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.7	79.4	119.2	
141	80.6	55.9	83.9	

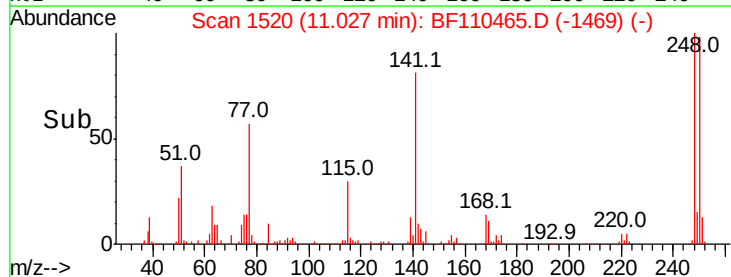
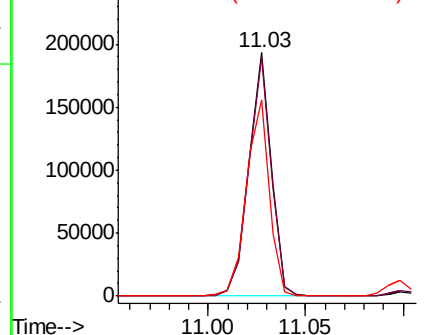


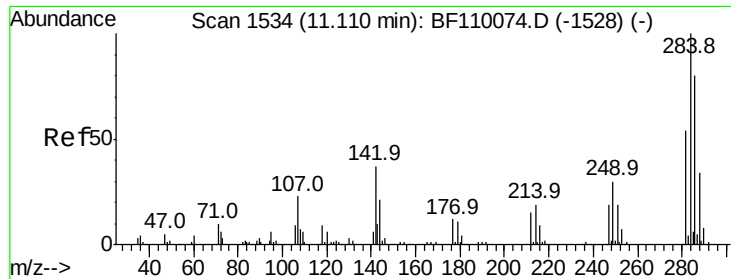
Abundance

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





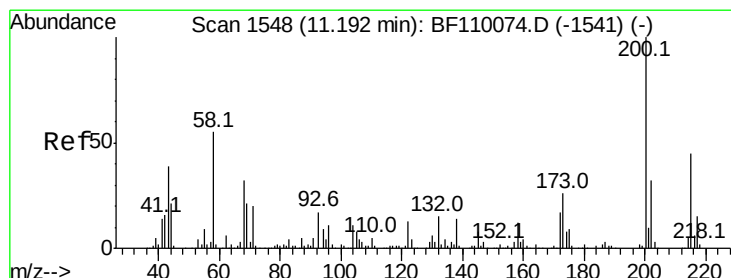
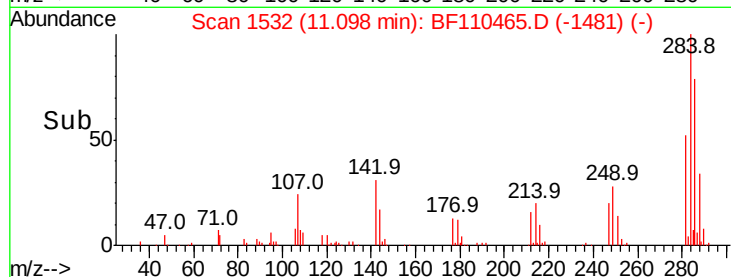
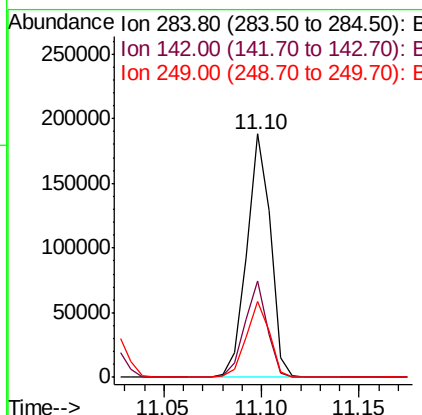
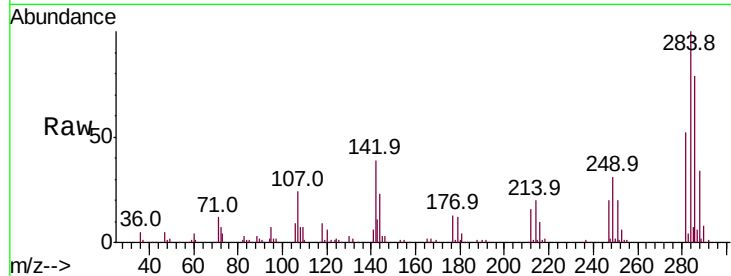
#68
Hexachlorobenzene
Concen: 42.186 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.4	23.9	35.9	
249	31.4	24.2	36.2	

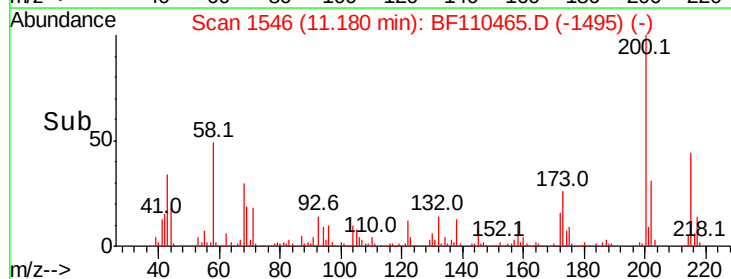
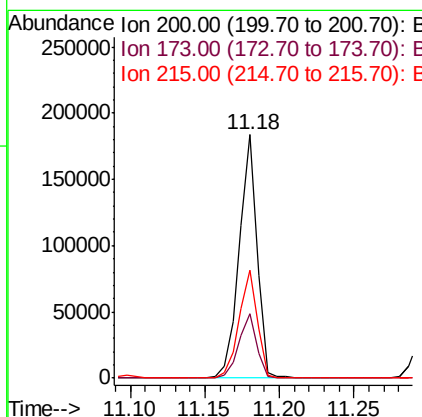
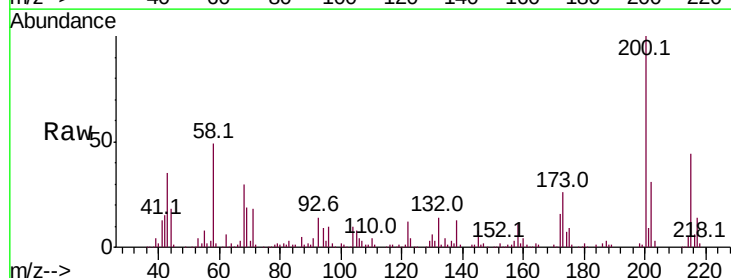
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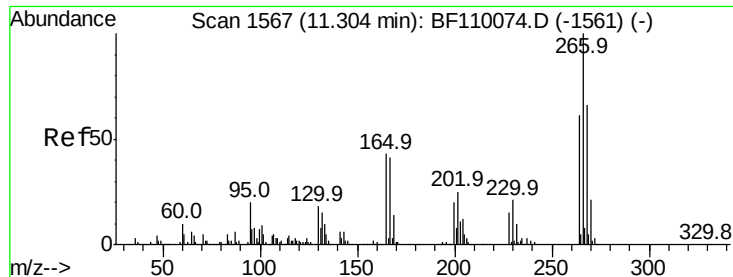
Sohil
11/6/2018 9:00:56 AM



#69
Atrazine
Concen: 45.890 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.3	6.6	46.6	
215	44.2	26.3	66.3	





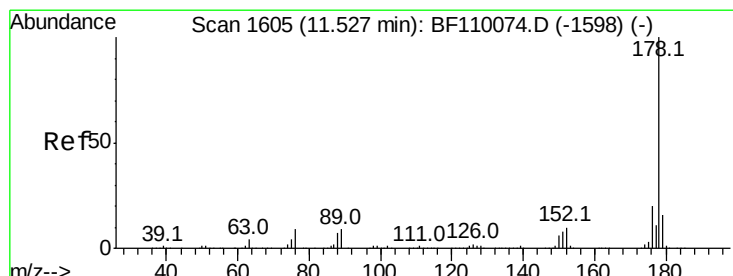
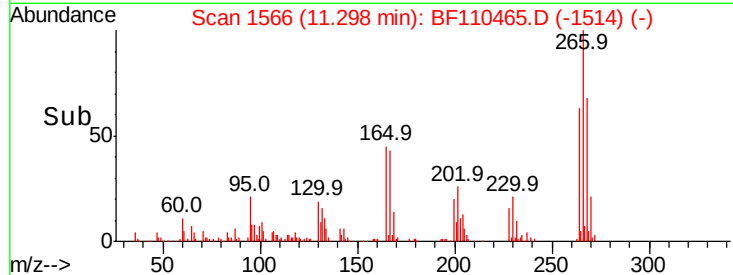
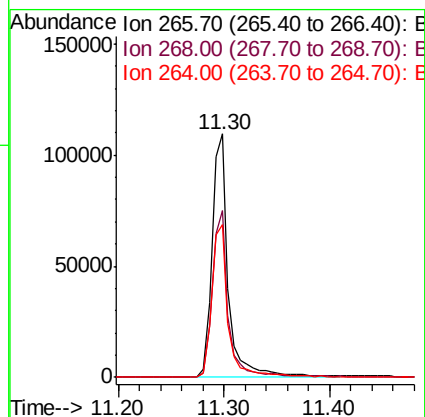
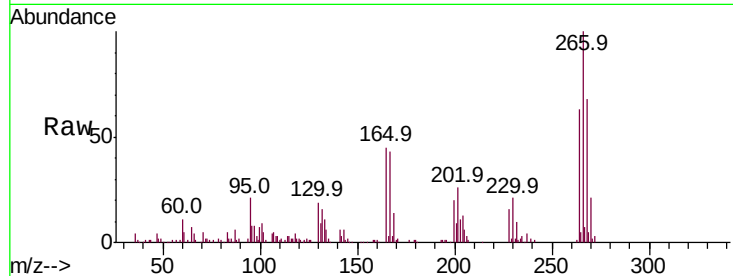
#70
 Pentachlorophenol
 Concen: 54.460 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion:	266	Resp:	119362
Ion Ratio	Lower	Upper	
266	100		
268	68.4	50.6	75.8
264	62.8	50.6	75.8

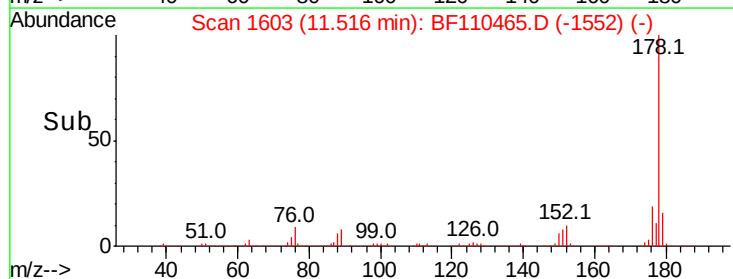
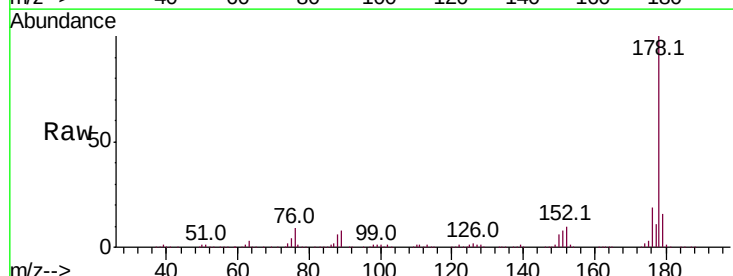
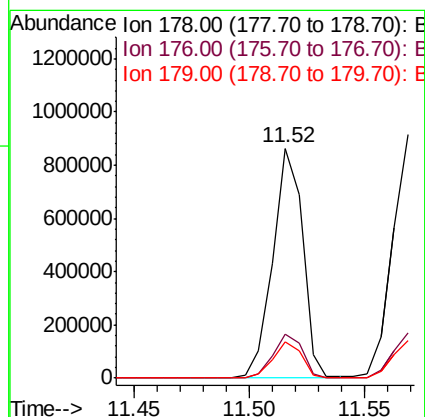
Manual Integrations
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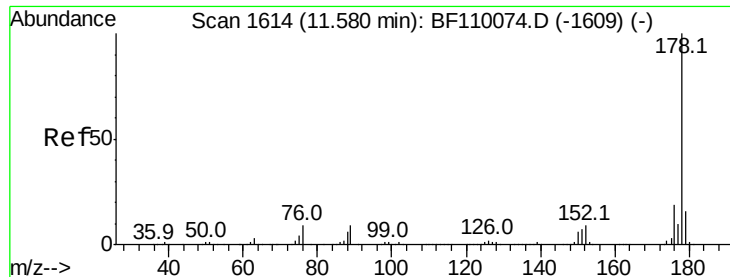
Sohil
 11/6/2018 9:00:56 AM



#71
 Phenanthrene
 Concen: 45.368 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion:	178	Resp:	775274
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	15.6	12.5	18.7





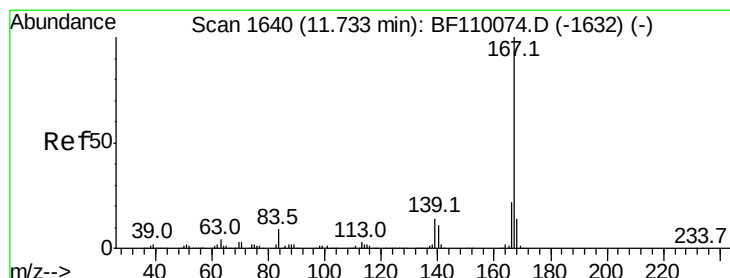
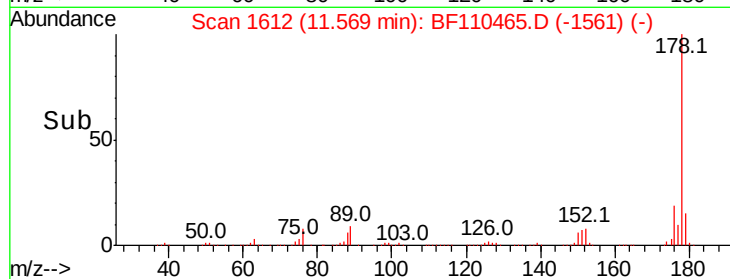
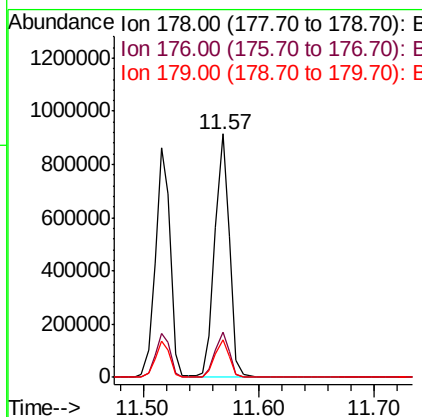
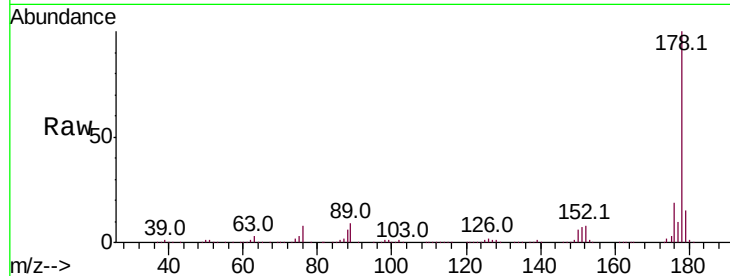
#72
 Anthracene
 Concen: 46.852 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	18.8

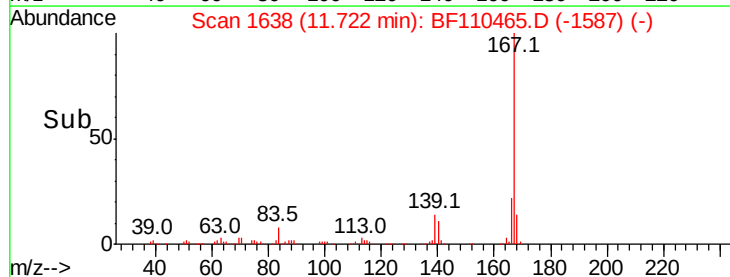
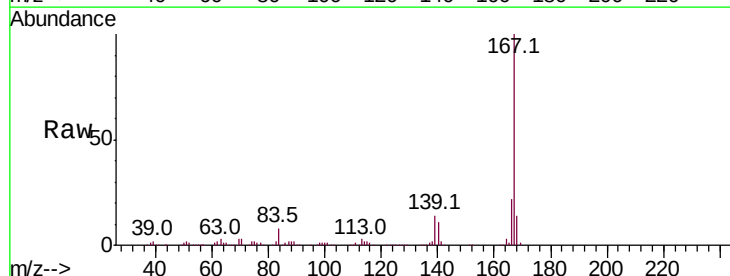
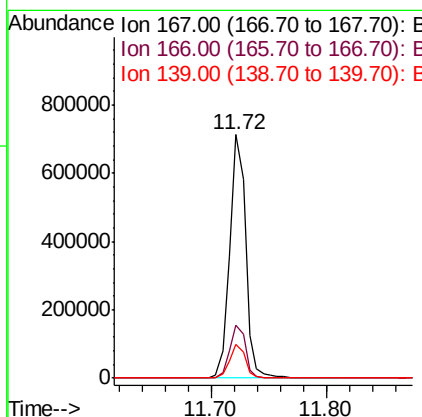
Manual Integrations
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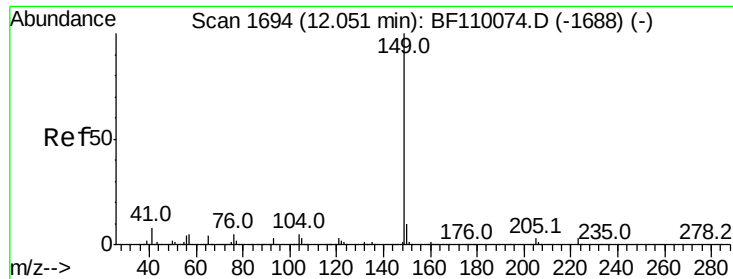
Sohil
 11/6/2018 9:00:56 AM



#73
 Carbazole
 Concen: 40.825 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.8	10.9	16.3





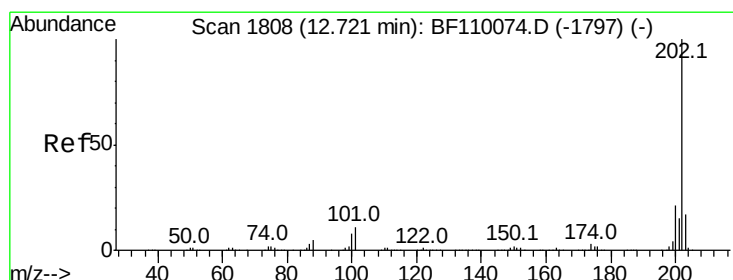
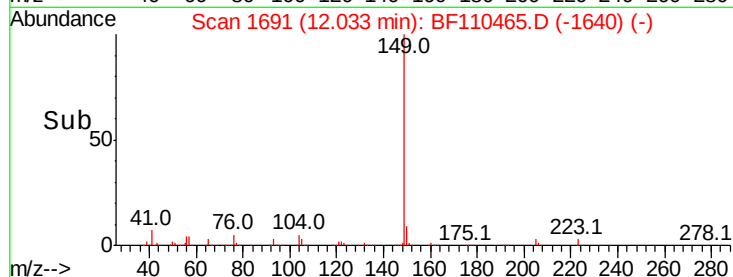
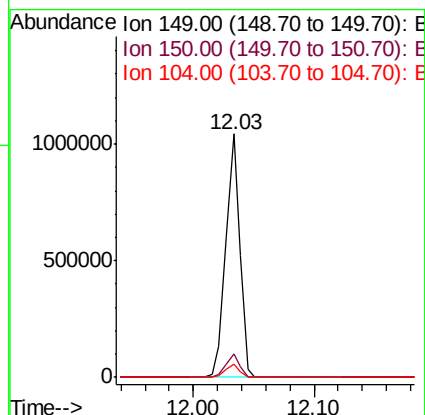
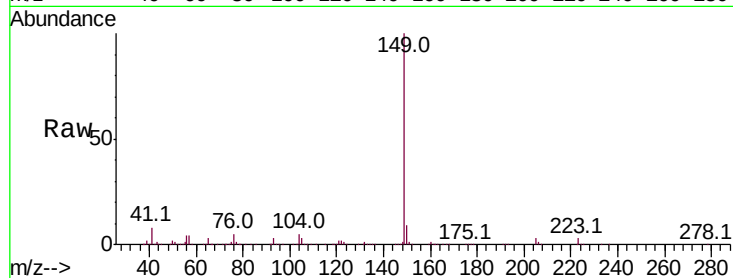
#74
Di-n-butylphthalate
Concen: 44.327 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.7	11.5	
104	5.2	4.2	6.4	

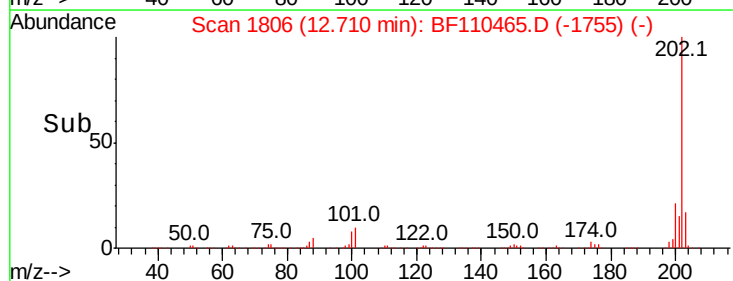
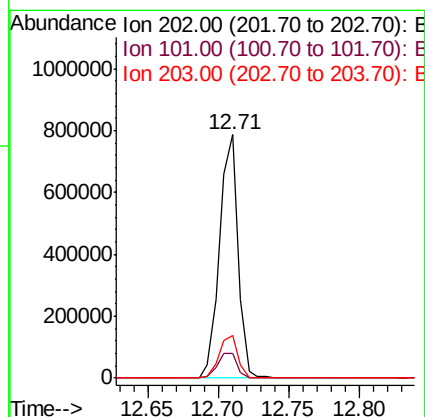
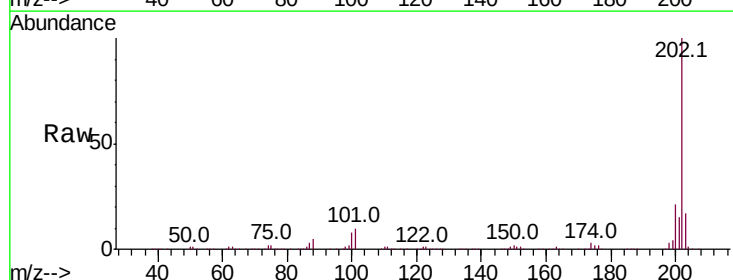
Manual Integrations
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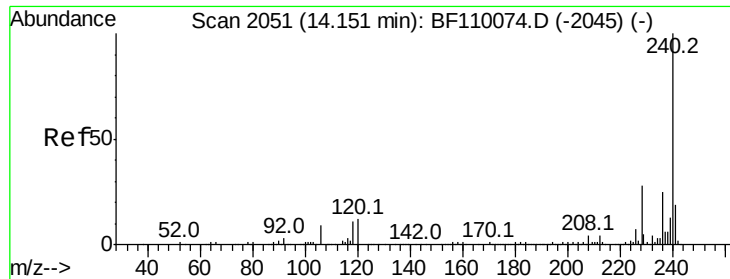
Sohil
11/6/2018 9:00:56 AM



#75
Fluoranthene
Concen: 41.384 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.1	0.0	31.4	
203	17.5	0.0	37.7	





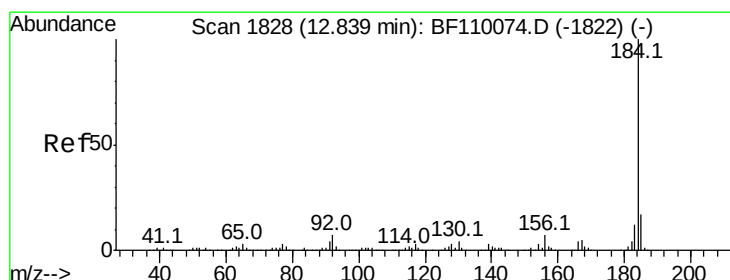
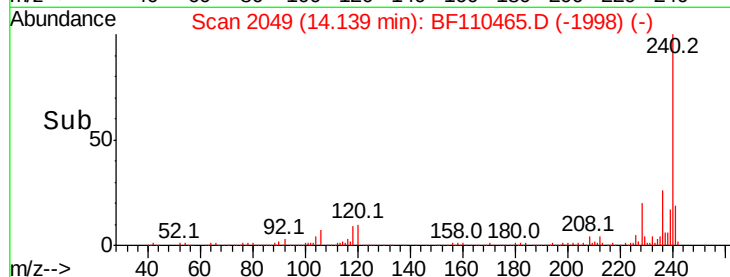
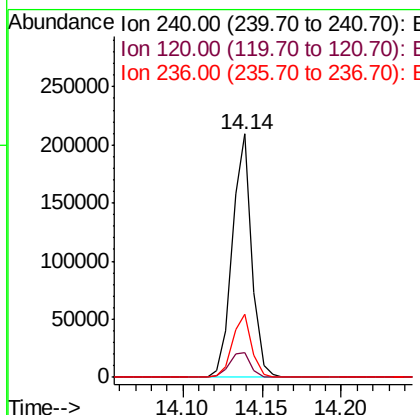
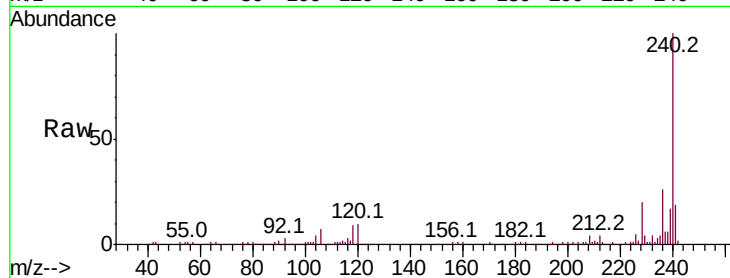
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.8	21.2	31.8

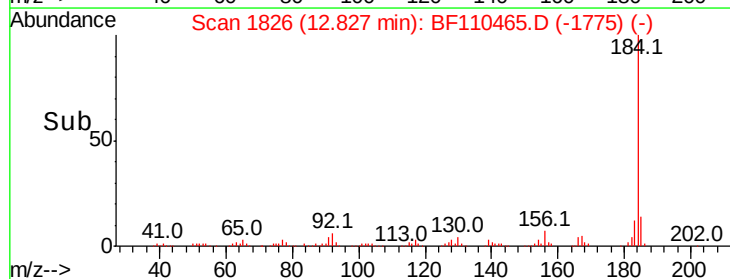
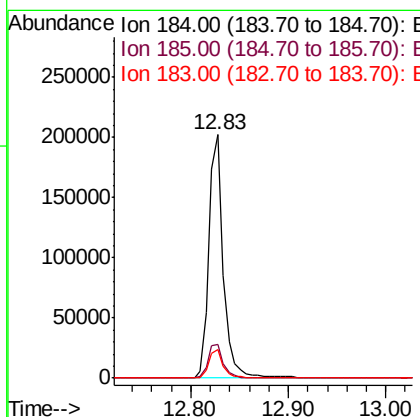
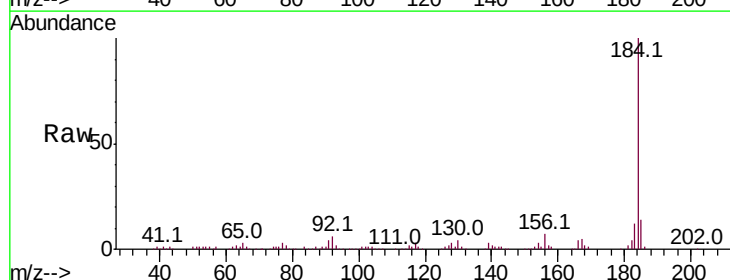
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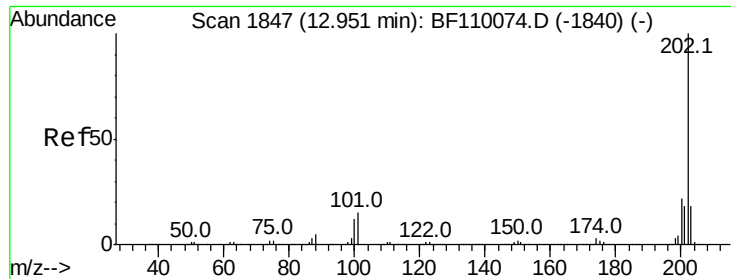
Sohil
11/6/2018 9:00:56 AM



#77
Benzidine
Concen: 39.837 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.4	20.2
183	11.7	9.4	14.2





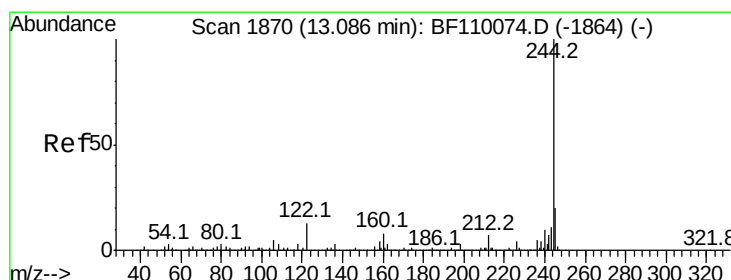
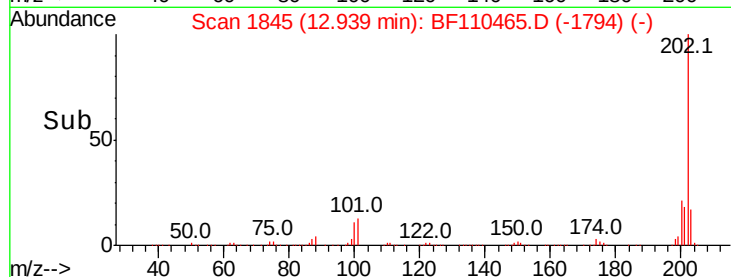
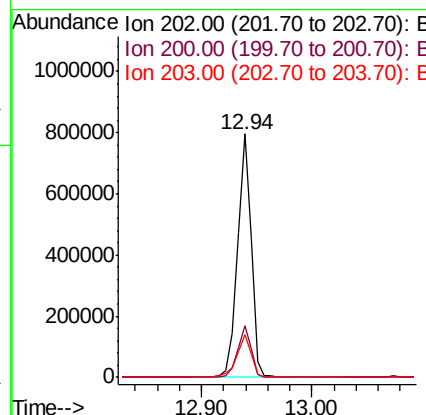
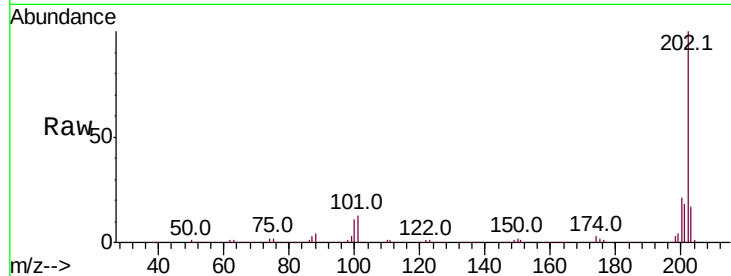
#78
Pvrene
Concen: 54.814 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.4	14.2	21.4

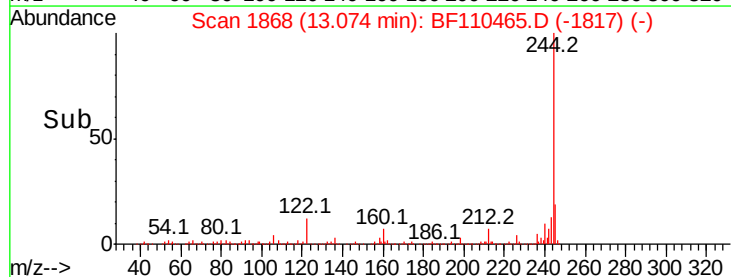
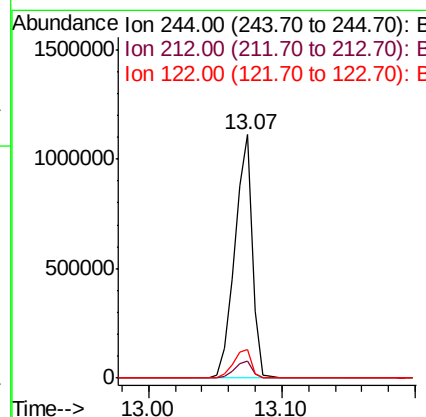
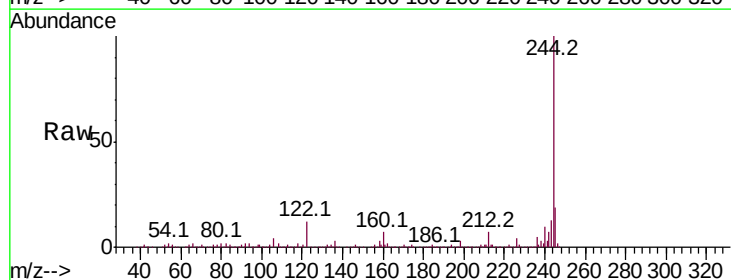
Manual Integrations
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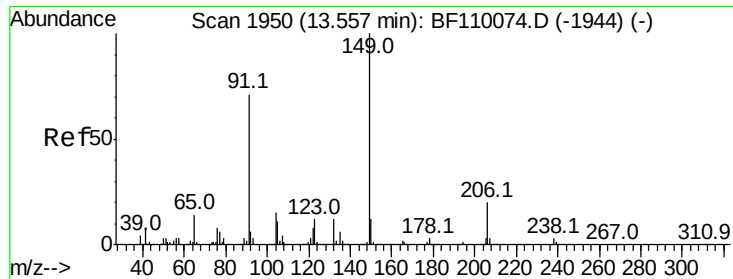
Sohil
11/6/2018 9:00:56 AM



#79
Terphenyl-d14
Concen: 121.747 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.6	8.7	13.1





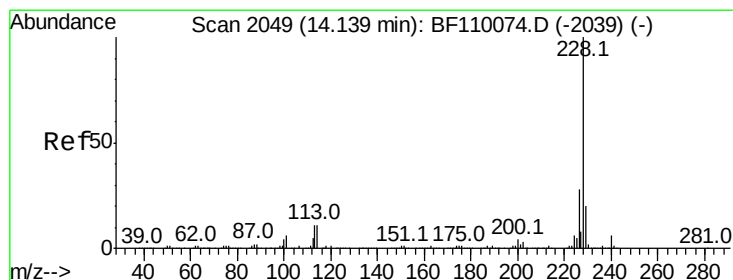
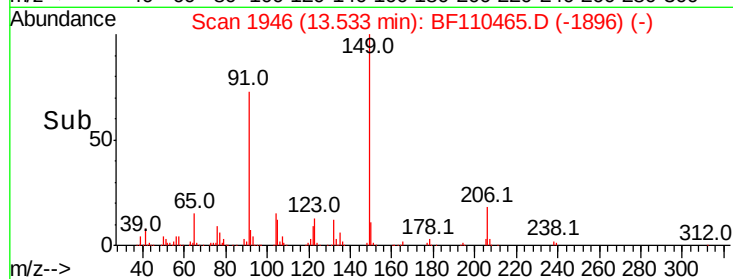
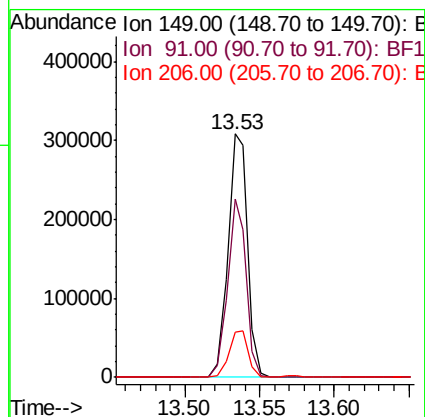
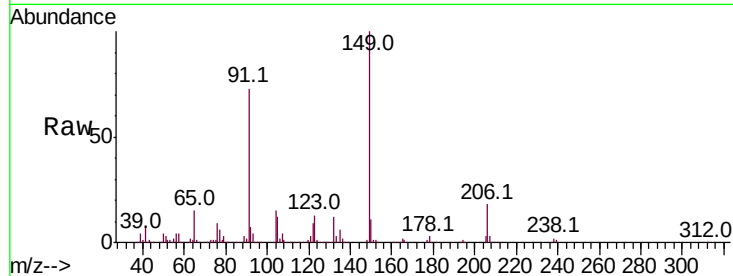
#80
Butylbenzylphthalate
Concen: 52.266 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.4	57.2	85.8
206	18.4	15.7	23.5

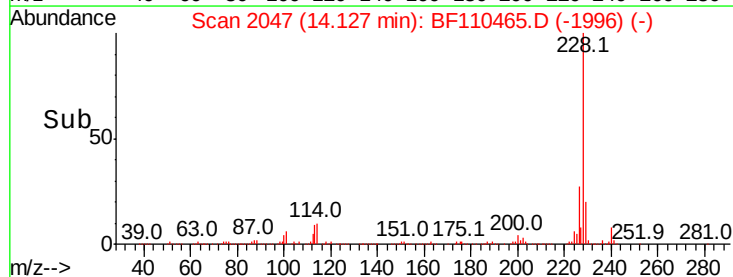
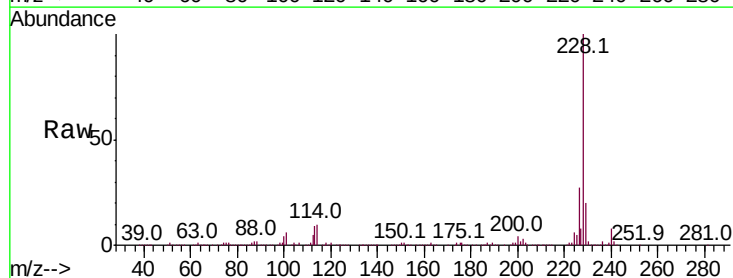
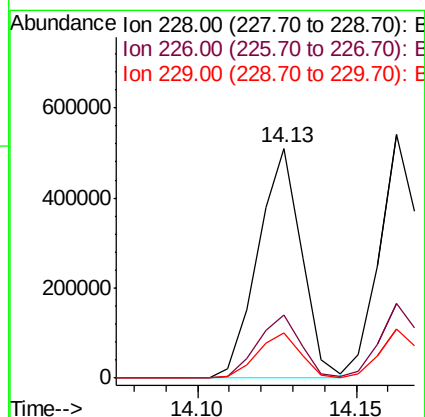
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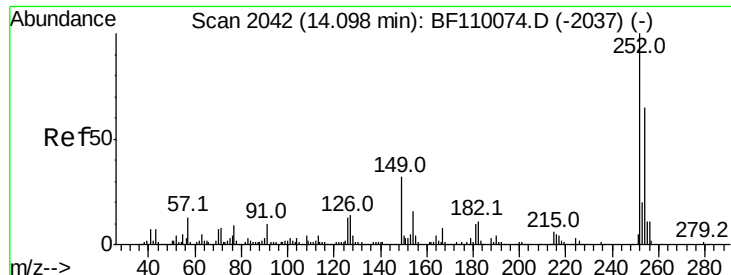
Sohil
11/6/2018 9:00:56 AM



#81
Benzo(a)anthracene
Concen: 46.417 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.8	15.6	23.4





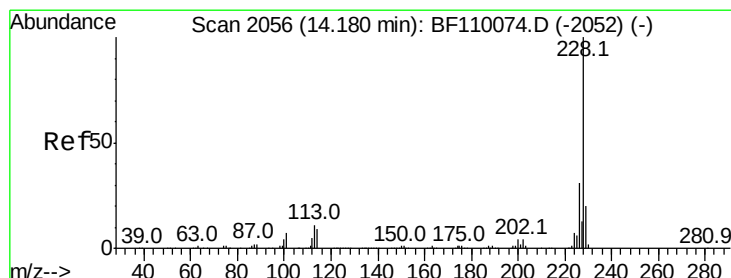
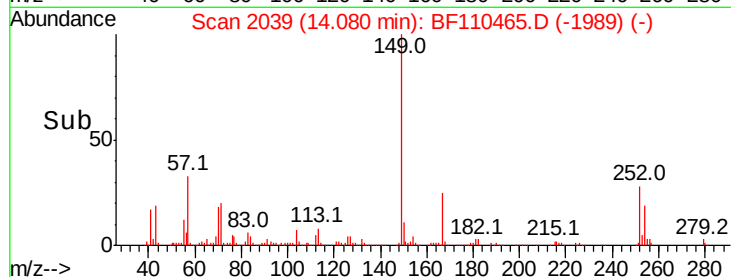
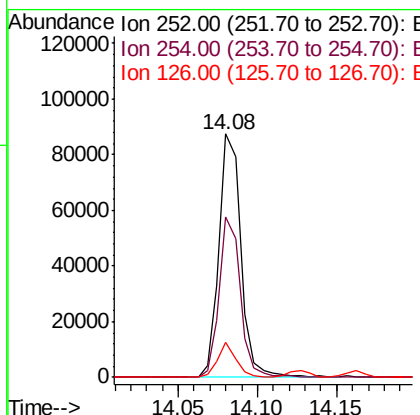
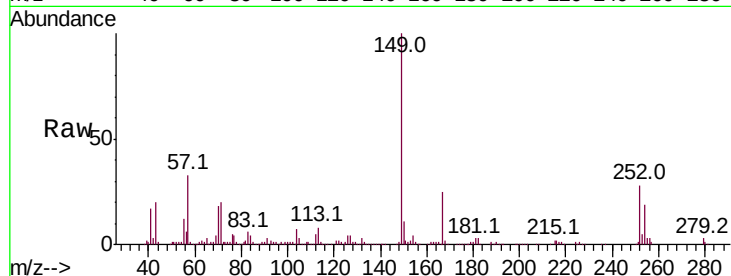
#82
 3,3'-Dichlorobenzidine
 Concen: 23.004 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.3	76.9
126	14.4	9.4	14.2

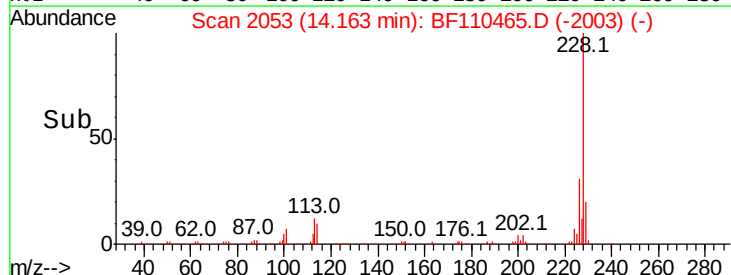
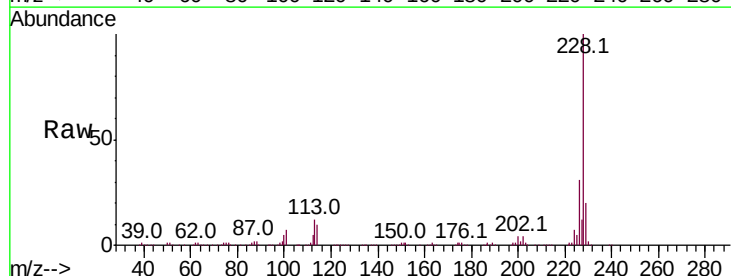
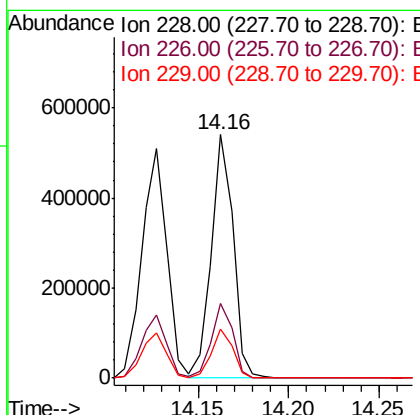
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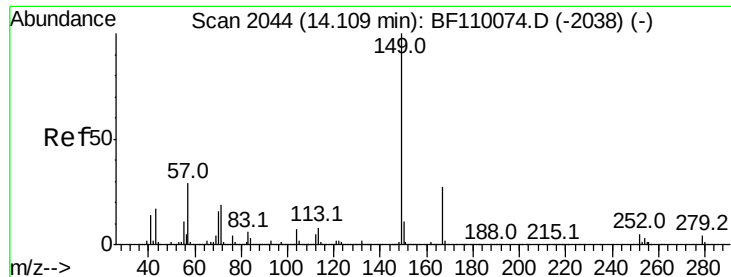
Sohil
 11/6/2018 9:00:56 AM



#83
 Chrysene
 Concen: 45.364 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	20.3	15.9	23.9





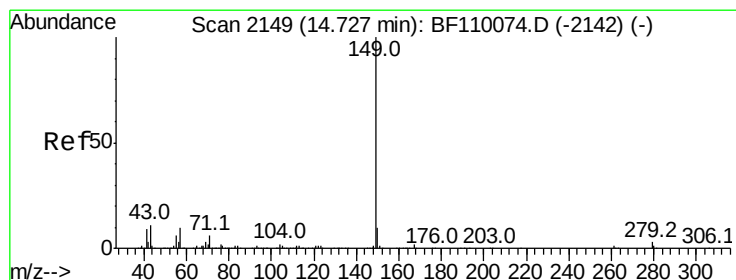
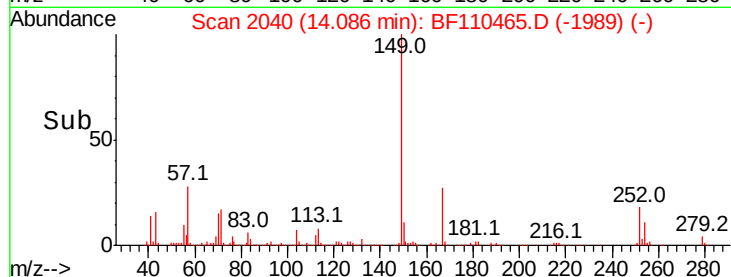
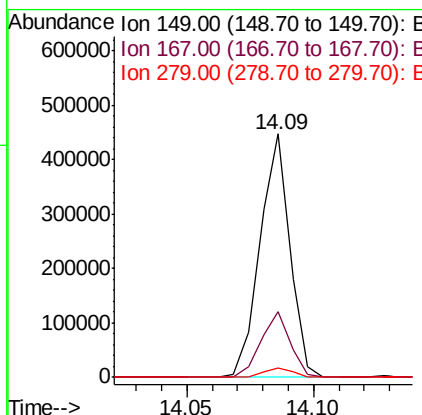
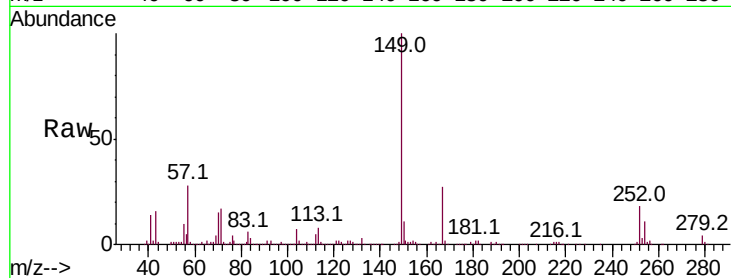
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.661 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	369531		
167	26.7	19.8	29.8	
279	3.7	2.7	4.1	

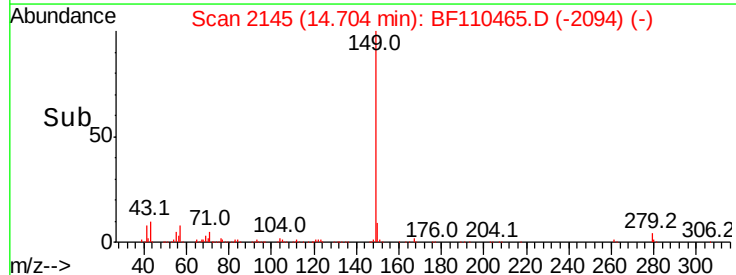
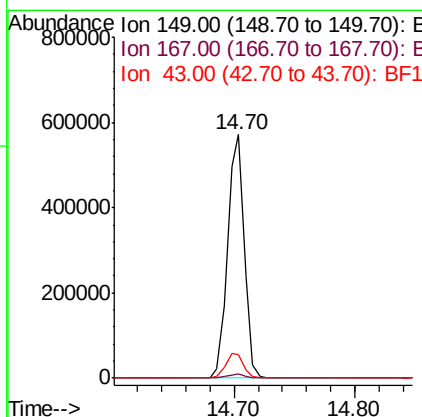
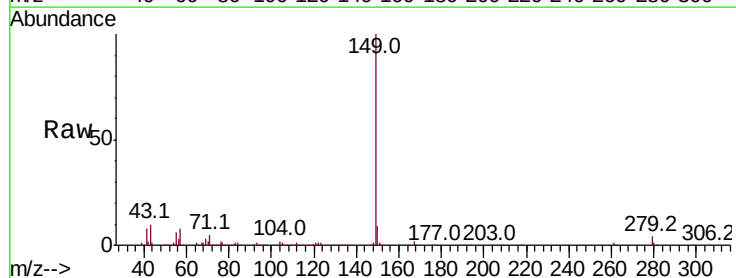
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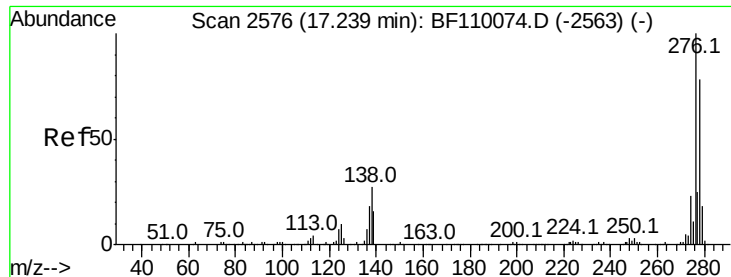
Sohil
 11/6/2018 9:00:56 AM



#85
 Di-n-octyl phthalate
 Concen: 47.062 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	544519		
167	1.5	1.1	1.7	
43	10.3	7.8	11.8	





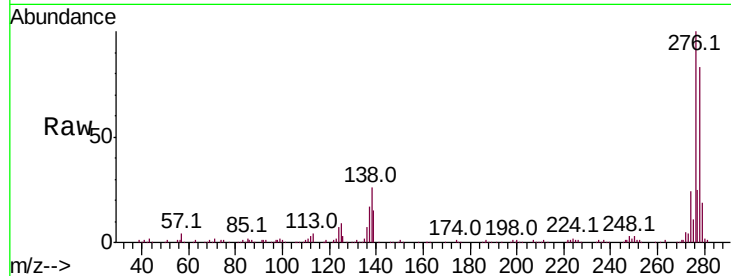
#86
Indeno(1,2,3-cd)pyrene
Concen: 59.061 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	488199		
138	25.3		18.5	27.7
277	25.0		20.0	30.0

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11/6/2018 9:00:56 AM

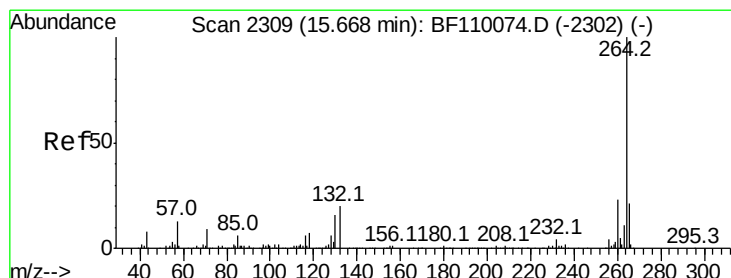
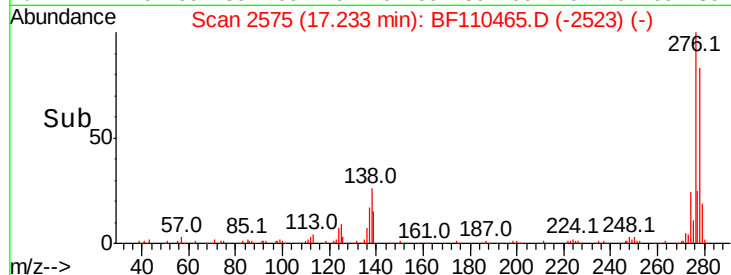
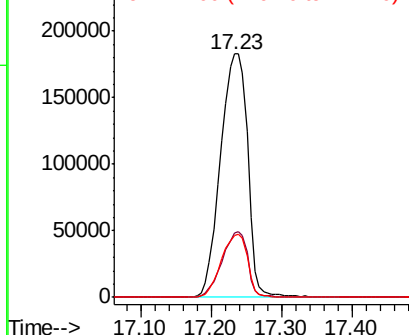


Abundance

Ion 276.00 (275.70 to 276.70): E

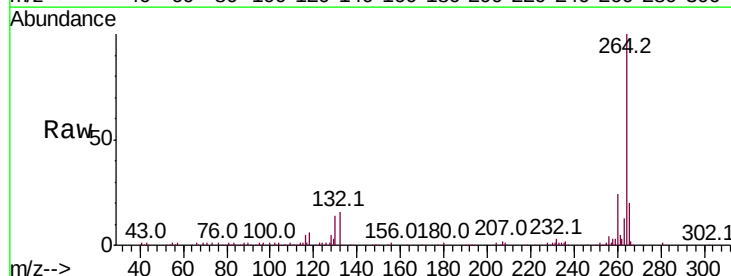
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	160335		
260	23.6		18.7	28.1
265	19.7		16.7	25.1

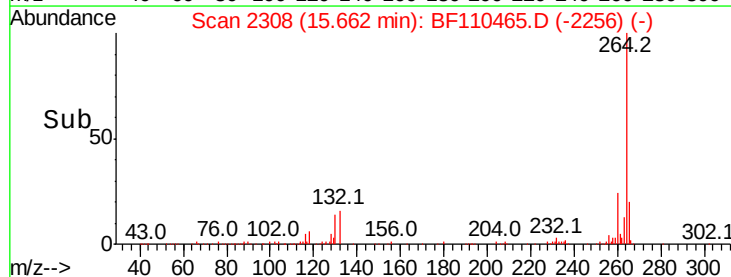
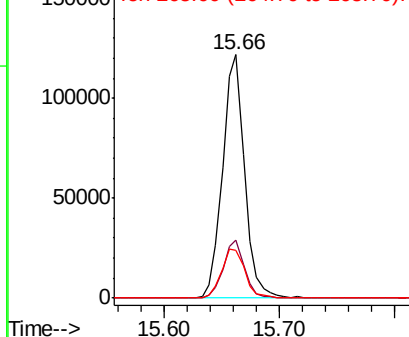


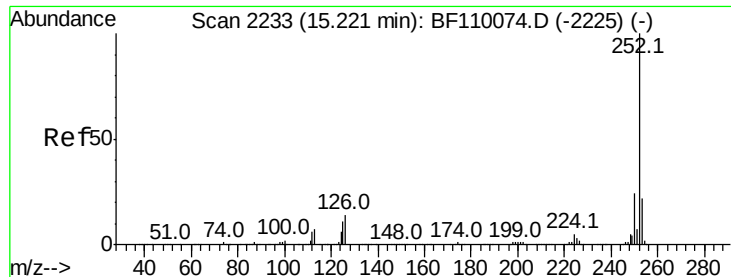
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





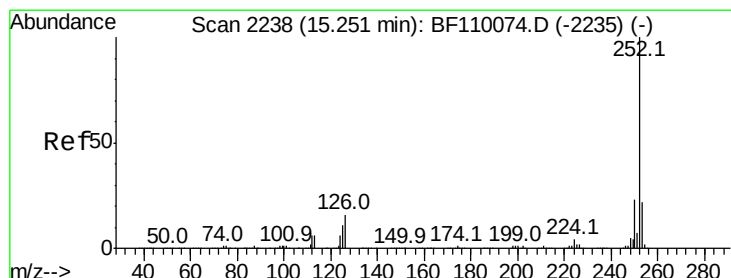
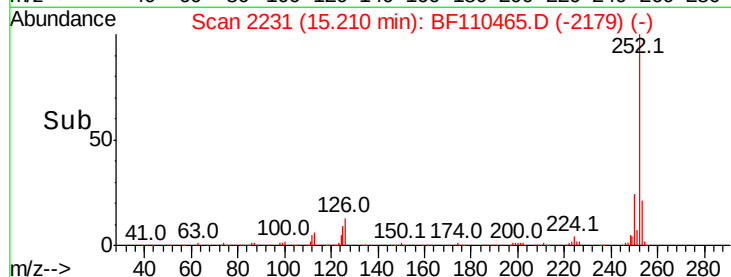
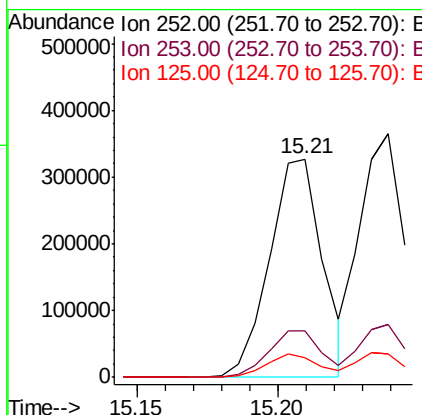
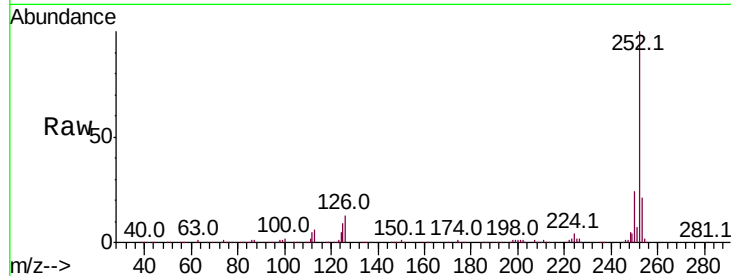
#88
Benzo(b)fluoranthene
Concen: 46.048 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.2	8.2	12.4

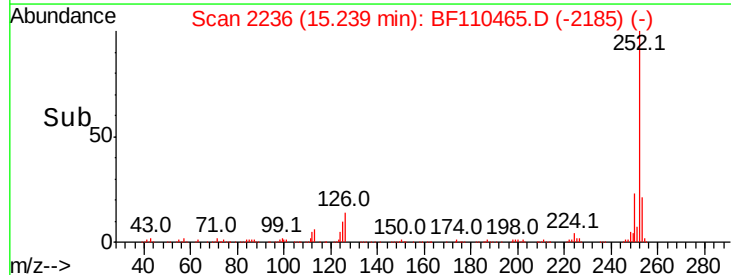
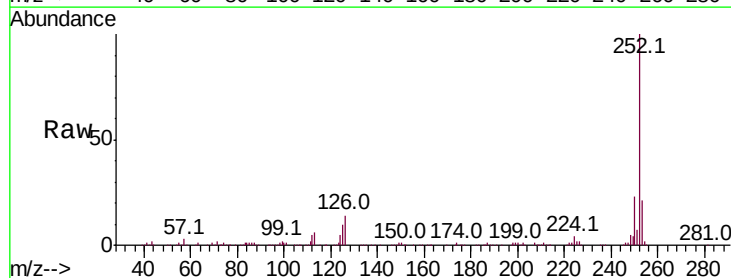
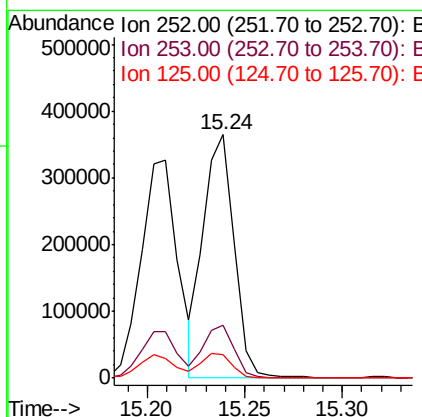
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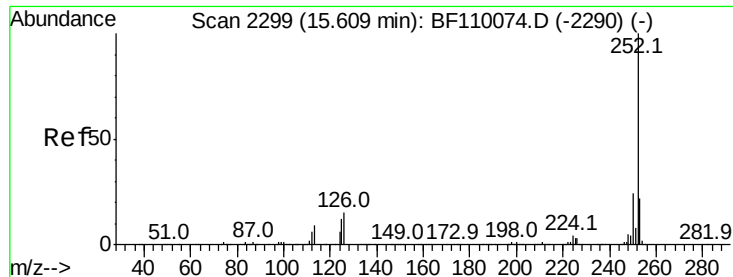
Sohil
11/6/2018 9:00:56 AM



#89
Benzo(k)fluoranthene
Concen: 43.763 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	9.8	7.4	11.0





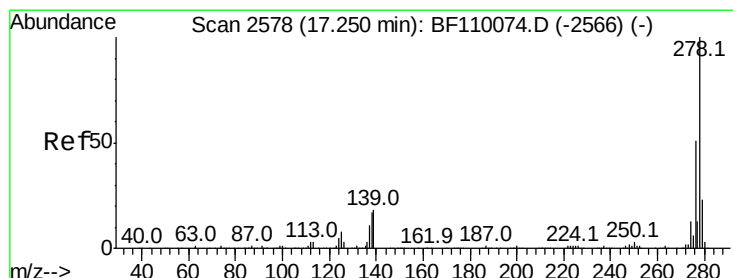
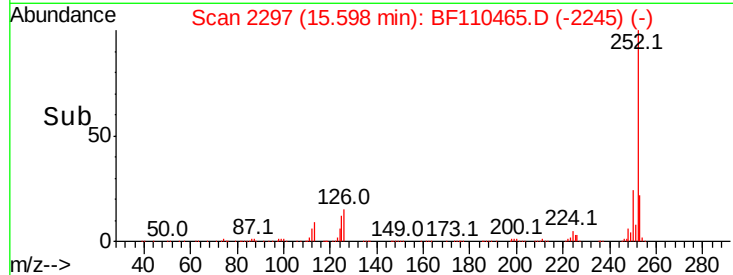
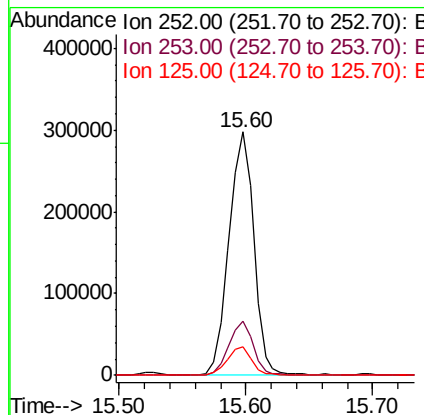
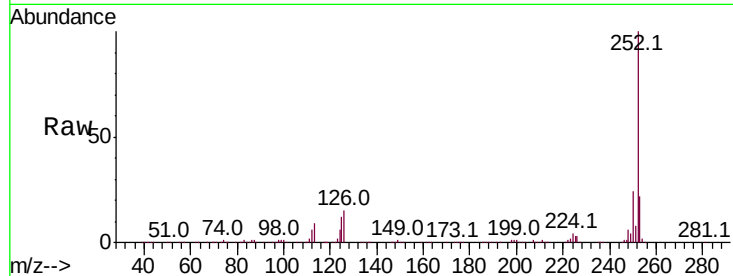
#90
Benzo(a)pyrene
Concen: 47.499 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.8	9.0	13.6

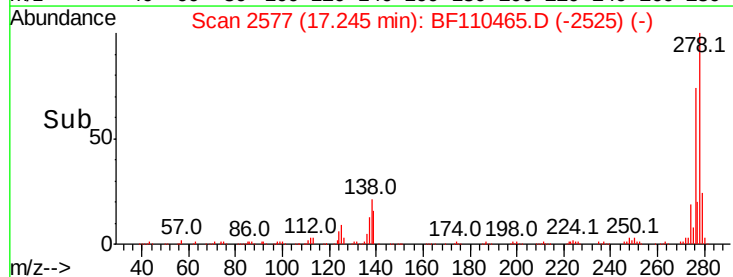
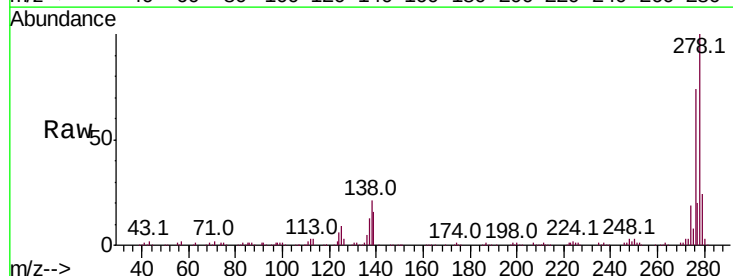
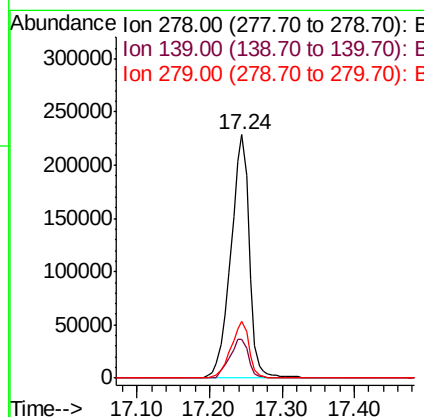
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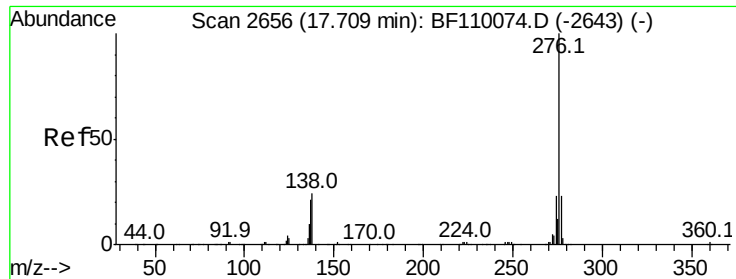
Sohil
11/6/2018 9:00:56 AM



#91
Dibenzo(a,h)anthracene
Concen: 55.202 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	23.6	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 56.296 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. 0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 HL-R25951-RTMSD

Tot Ion:	276	Resp:	407800
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.8	28.2
138	19.9	16.0	24.0

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Sohil
 11/6/2018 9:00:56 AM

