

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109482.D
 Acq On : 1 Oct 2018 19:32
 Operator : JU/SJ
 Sample : J5155-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Manual Integrations
 APPROVED

Sohil
 10/2/2018 1:01:35 PM

Quant Time: Oct 02 04:16:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101254	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	368236	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	159201	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	257284	20.00	ng	0.00
75) Chrysene-d12	13.85	240	234909	20.00	ng	0.00
86) Perylene-d12	15.24	264	181062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	264876	43.09	ng	0.01
7) Phenol-d6	6.35	99	203416	25.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	448565	71.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	155844	99.30	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	785567	74.42	ng	-0.01
78) Terphenyl-d14	12.80	244	661682	69.13	ng	0.00
Target Compounds						
10) Phenol	6.37	94	24070	2.709	ng	77
20) 3+4-Methylphenols	7.13	107	13606	2.037	ng	# 78
22) Acetophenone	7.11	105	31533	3.704	ng	# 89
27) 2,4-Dimethylphenol	7.65	122	29808m	6.090	ng	
37) 2-Methylnaphthalene	8.70	142	75834m	6.836	ng	
45) 1,1'-Biphenyl	9.16	154	155814	12.012	ng	99
48) Acenaphthylene	9.60	152	53273	3.408	ng	97
49) Dimethylphthalate	9.46	163	240532	20.773	ng	99
51) Acenaphthene	9.77	154	697576	73.807	ng	100
54) Dibenzofuran	9.95	168	533579	37.961	ng	99
57) Fluorene	10.28	166	247034	24.632	ng	# 96
70) Phenanthrene	11.24	178	88328	6.876	ng	99
72) Carbazole	11.45	167	218618	16.864	ng	99

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

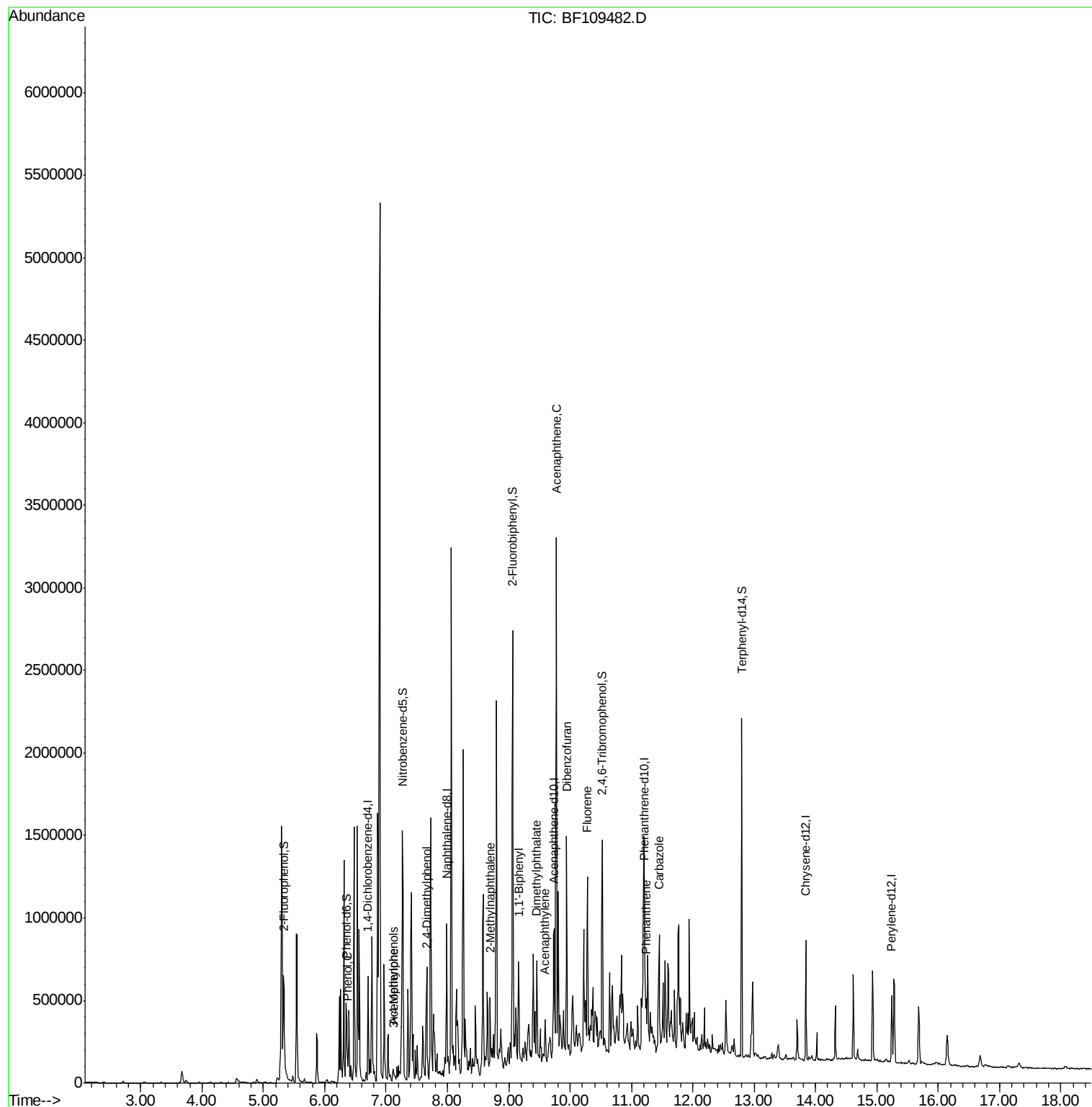
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
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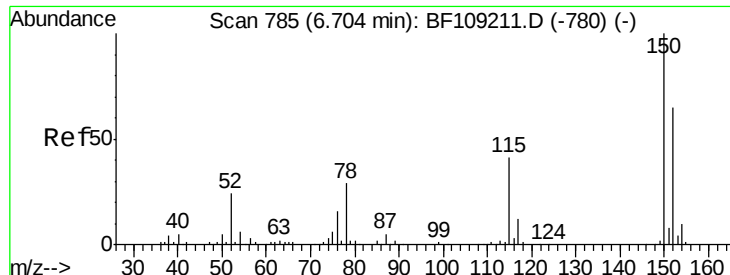
Instrument :
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#1

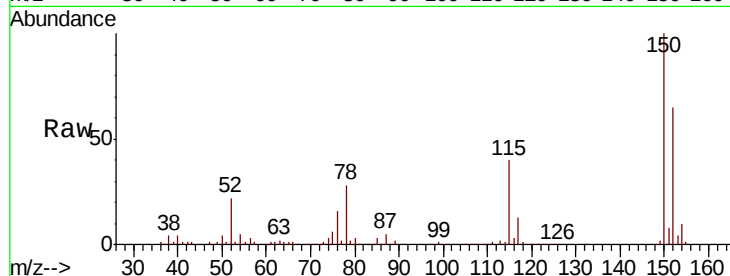
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	62.2	50.1	75.1

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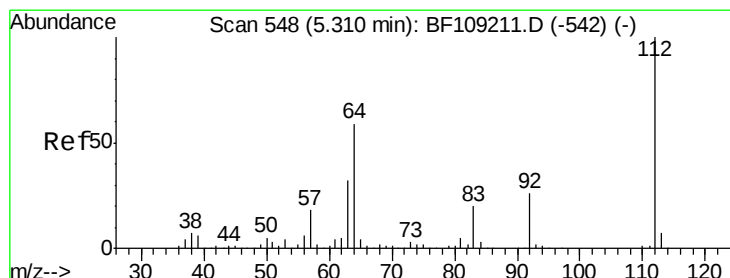
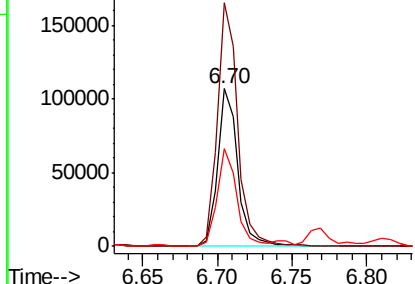
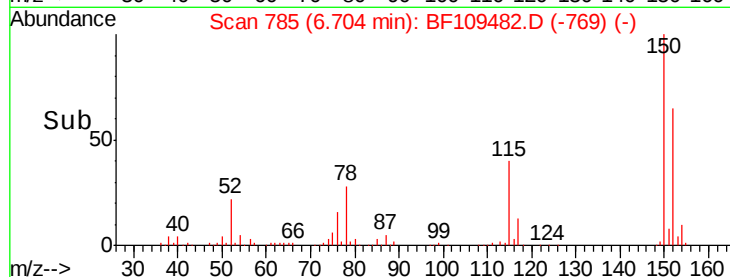


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

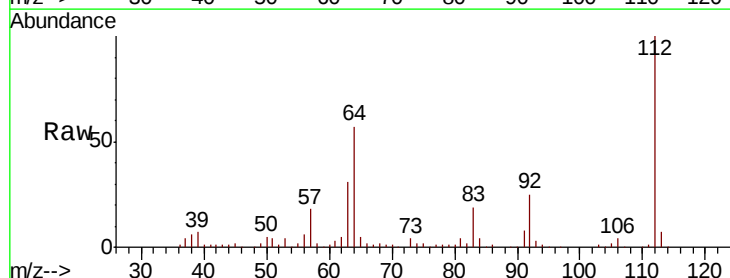
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.087 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	31.0	23.7	35.5

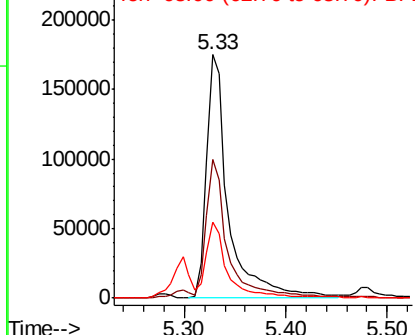
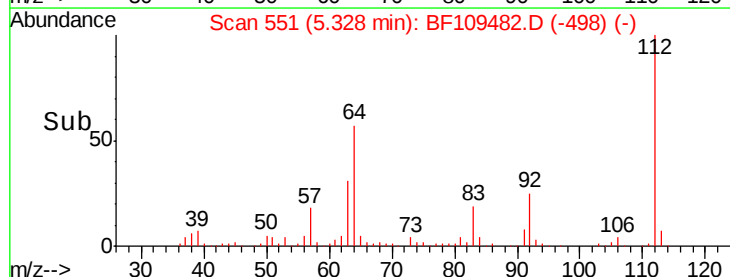


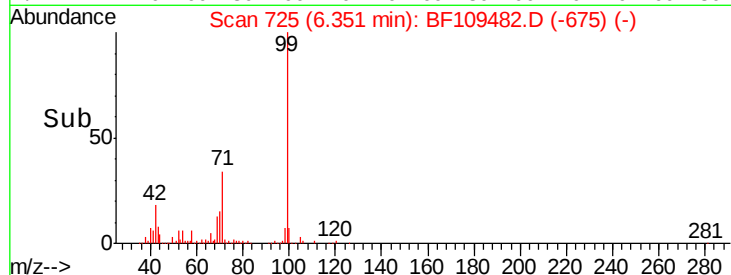
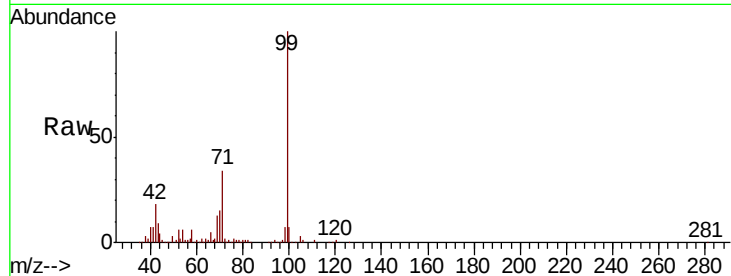
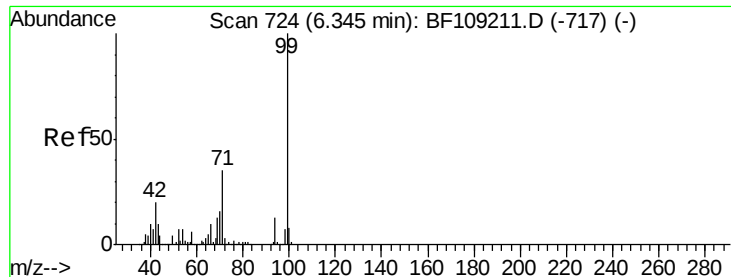
Abundance

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





#7

Phenol-d6

Concen: 25.931 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Tot Ion:	99	Resp:	203416
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.5	21.7
71	34.5	25.4	38.0

Instrument :

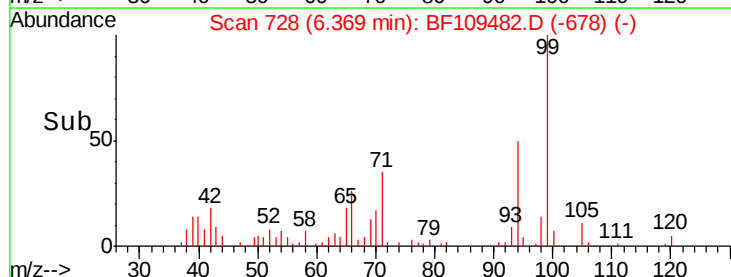
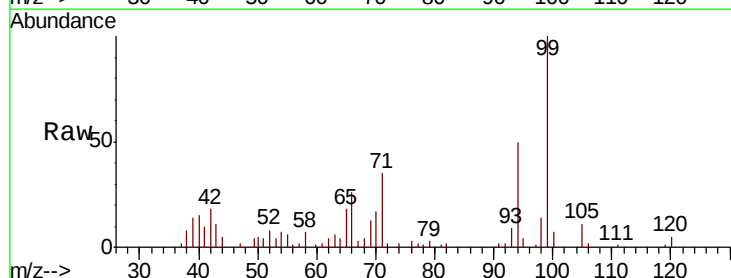
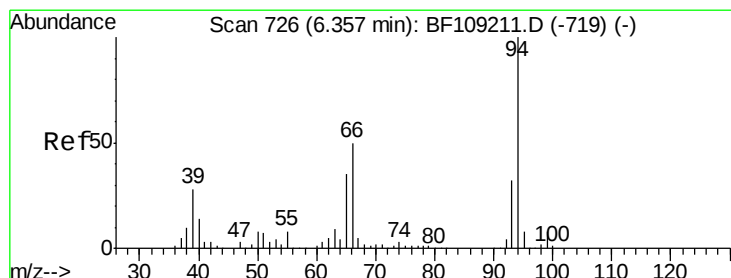
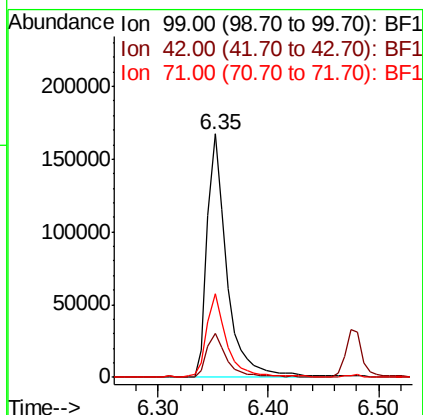
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#10

Phenol

Concen: 2.709 ng

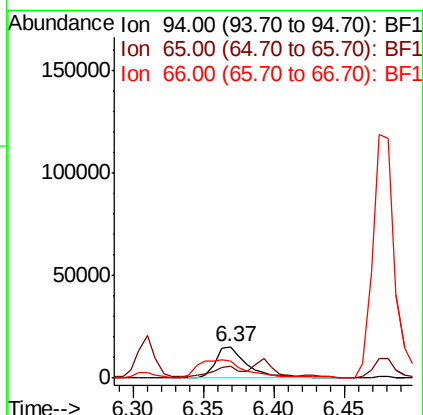
RT: 6.37 min Scan# 728

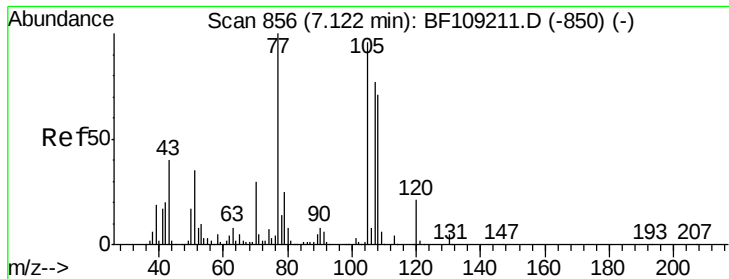
Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Tgt Ion:	94	Resp:	24070
Ion Ratio	Lower	Upper	
94	100		
65	36.3	7.9	47.9
66	52.8	16.2	56.2





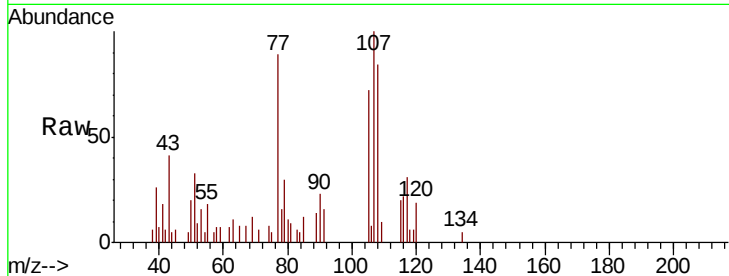
#20
3+4-Methylphenols
Concen: 2.037 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	83.8	68.2	108.2	
77	88.6	26.7	66.7#	
79	30.1	6.3	46.3	

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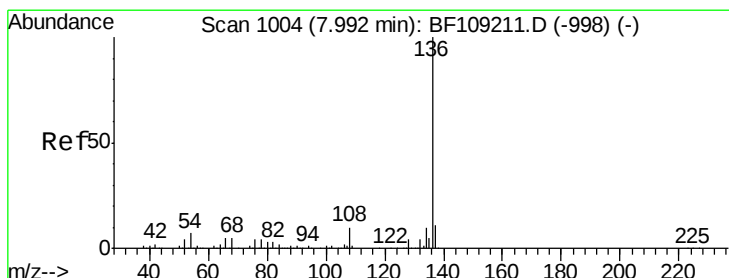
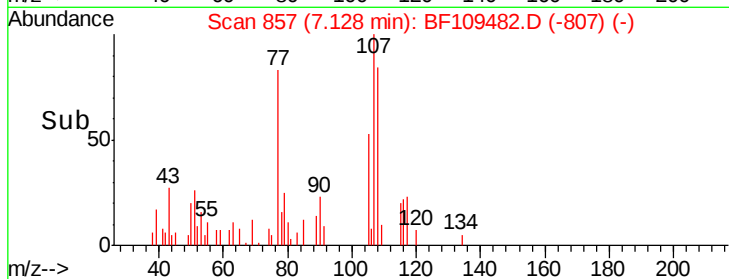
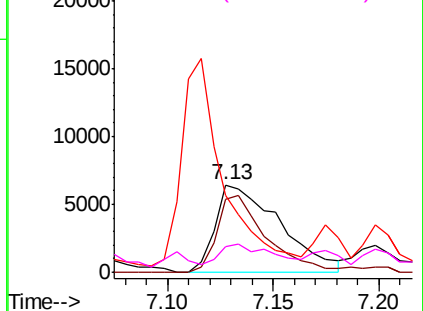
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.2	6.6	9.8	
68	5.6	5.0	7.4	

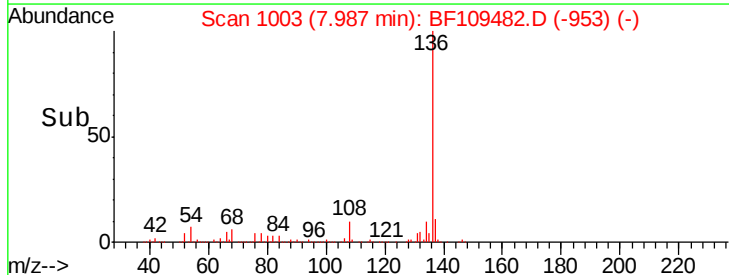
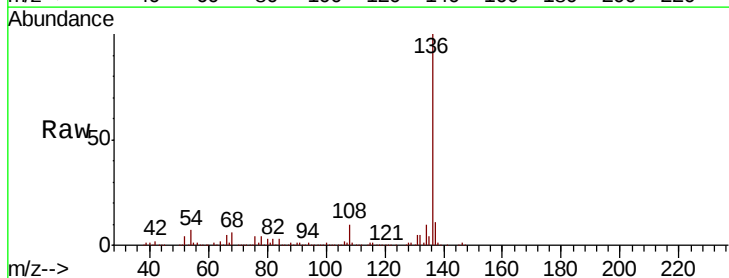
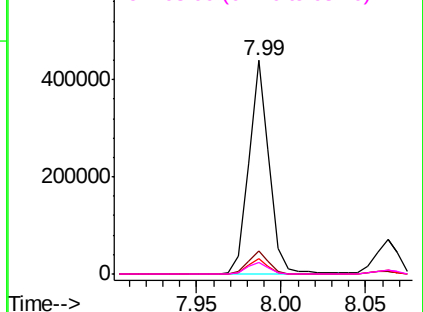
Abundance

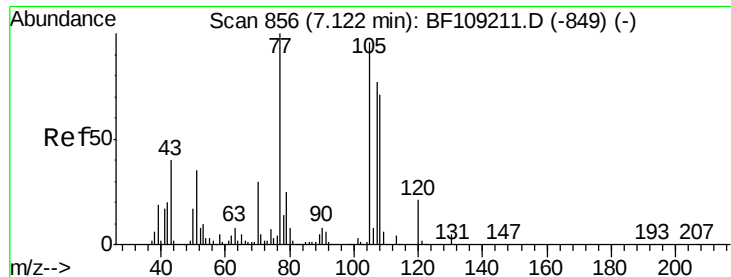
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 3.704 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA_F

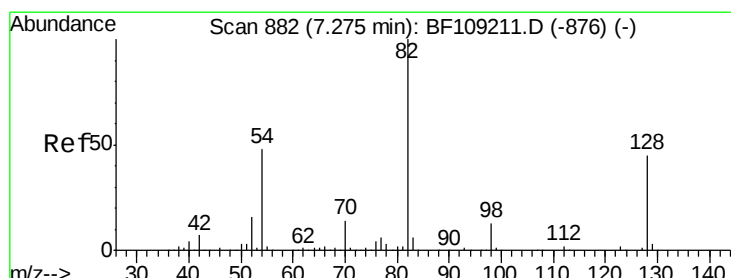
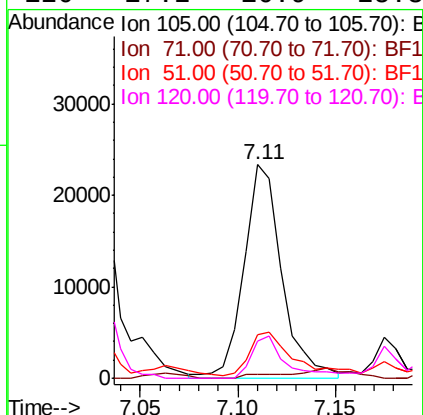
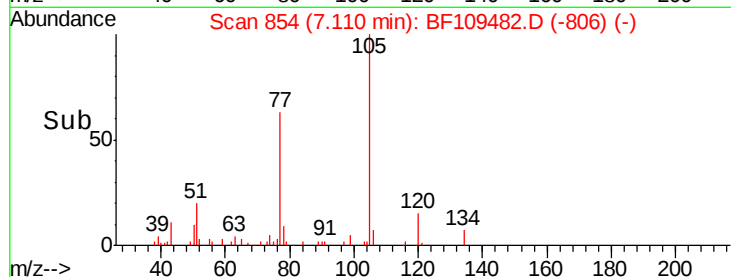
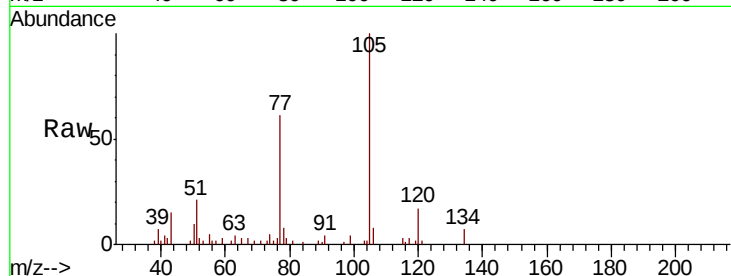
ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:	105	Resp:	31533
Ion Ratio	Lower	Upper	
105	100		
71	1.9	4.4	6.6#
51	20.6	22.3	33.5#
120	17.2	16.9	25.3

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#23

Nitrobenzene-d5

Concen: 71.909 ng

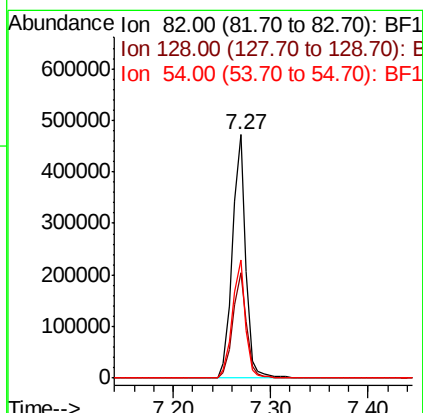
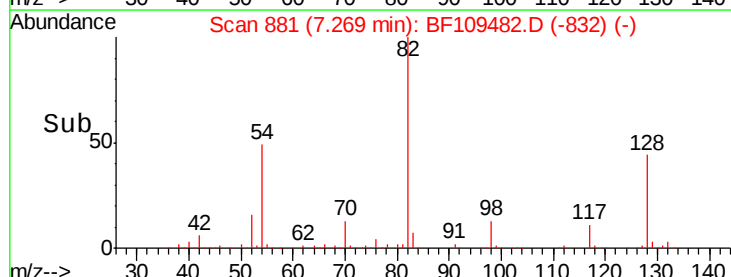
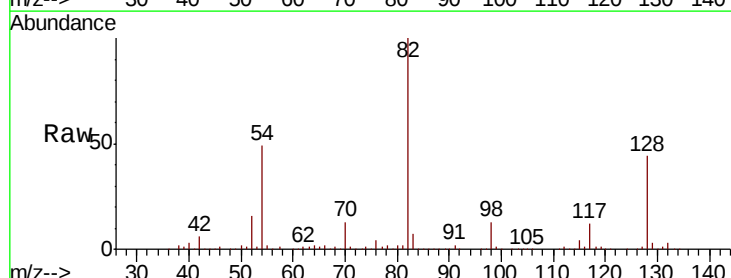
RT: 7.27 min Scan# 881

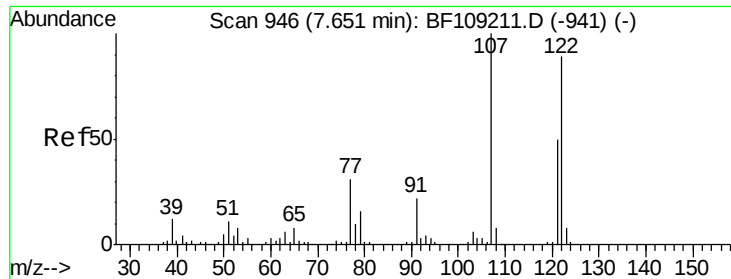
Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Tgt Ion:	82	Resp:	448565
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.1	54.1
54	48.7	41.4	62.2





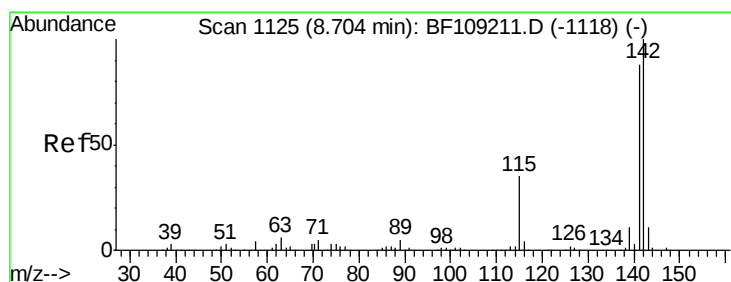
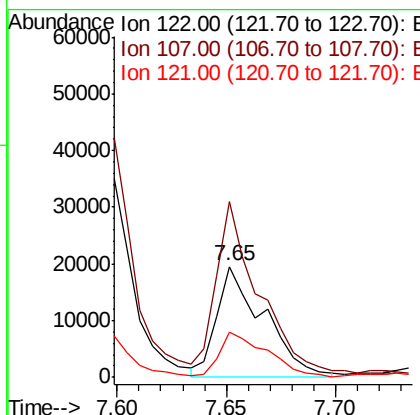
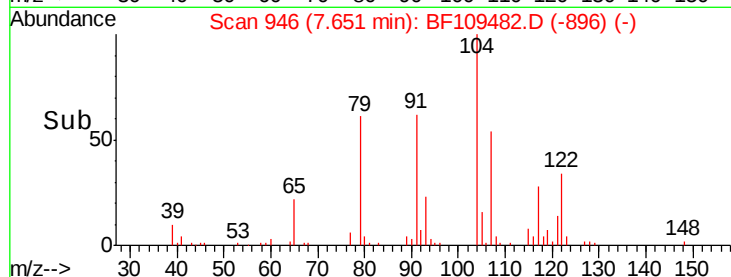
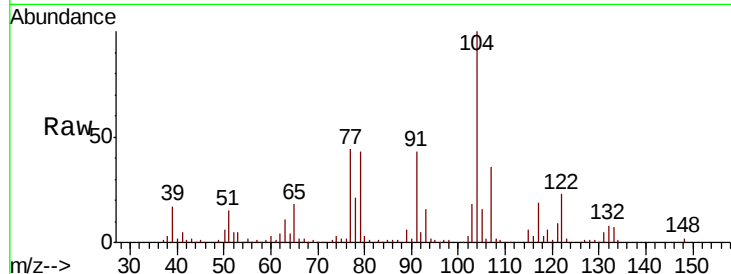
#27
2,4-Dimethylphenol
Concen: 6.090 ng m
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
122	100		
107	158.6	91.2	136.8#
121	40.7	47.2	70.8#

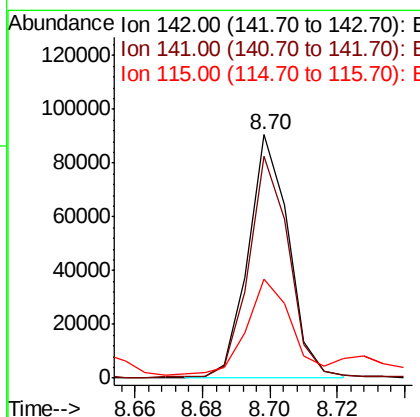
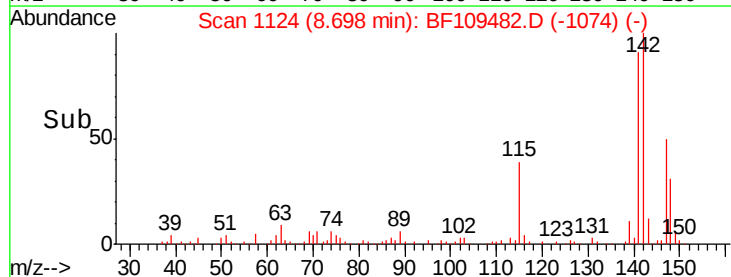
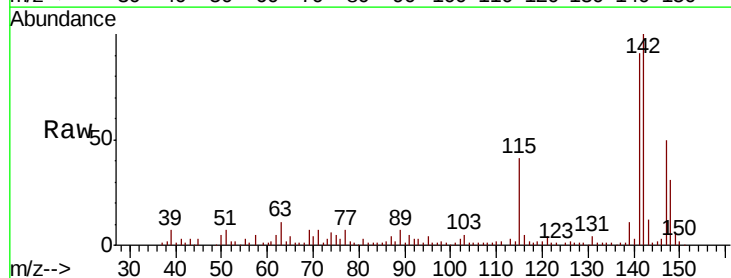
Manual Integrations
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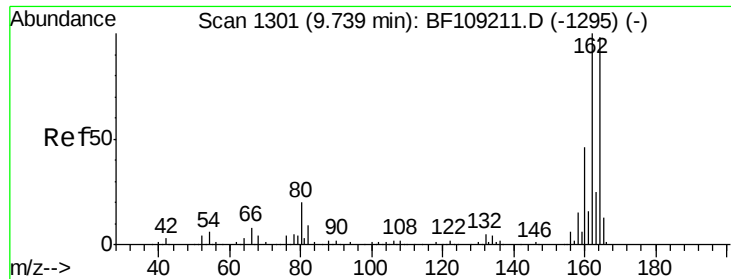
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#37
2-Methylnaphthalene
Concen: 6.836 ng m
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	40.6	26.1	39.1#





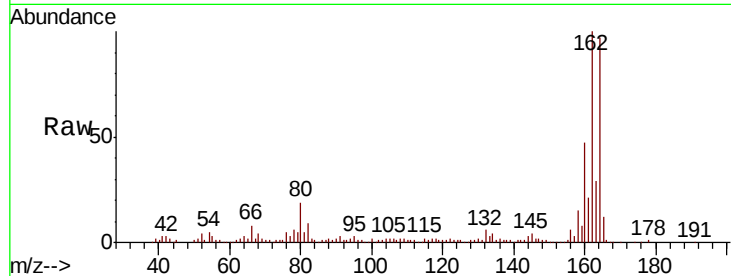
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109482.D
 Acq: 1 Oct 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	48.7	38.3	57.5	

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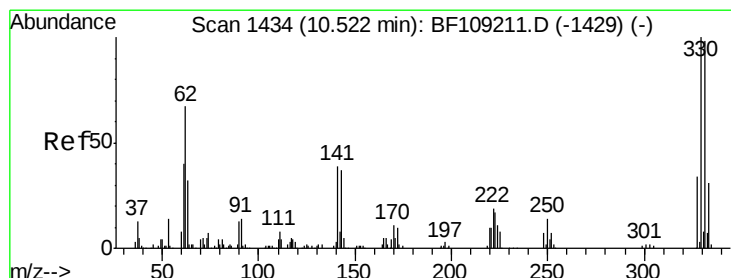
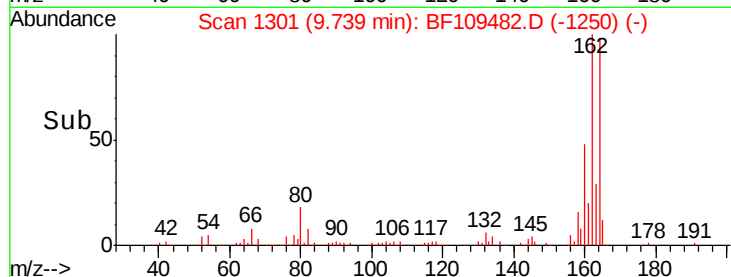
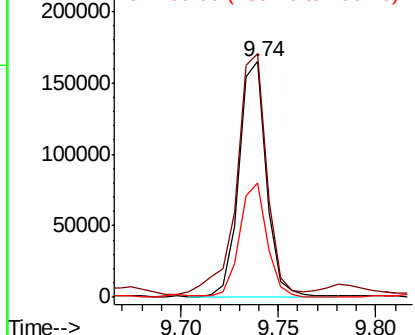


Abundance

Ion 164.00 (163.70 to 164.70): E

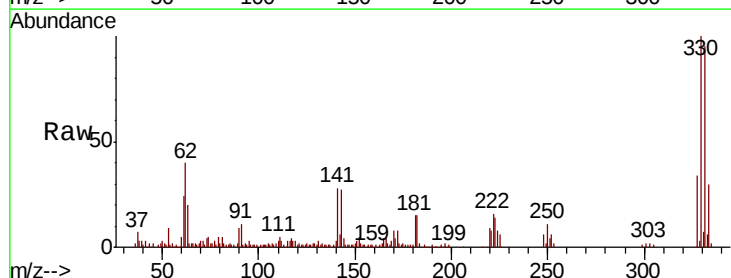
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 99.302 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109482.D
 Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	35.2	29.9	44.9	

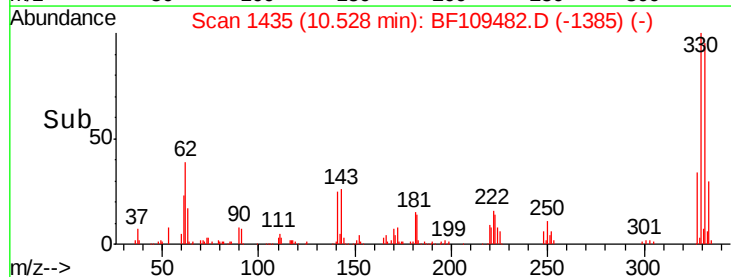
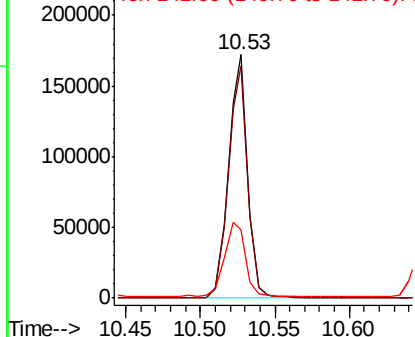


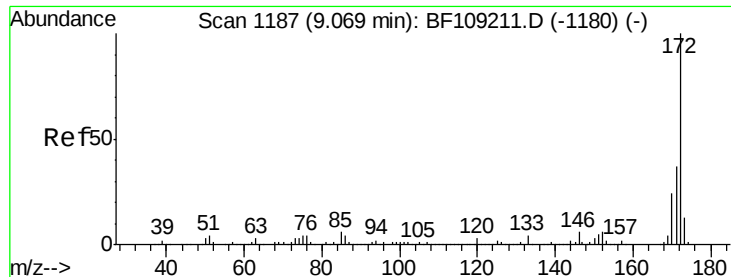
Abundance

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





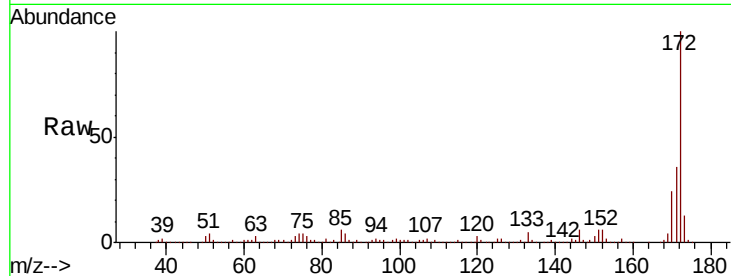
#44
2-Fluorobiphenyl
Concen: 74.421 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Resp	Lower	Upper
172	100	785567		
171	36.2		29.7	44.5
170	24.0		19.6	29.4

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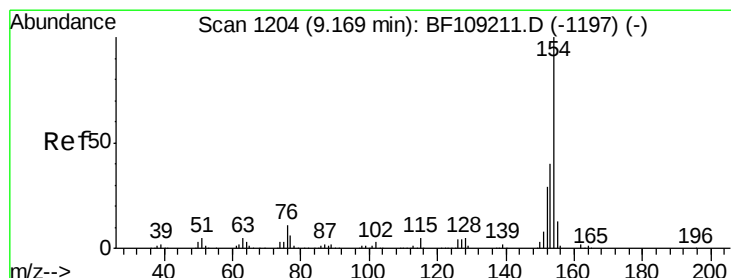
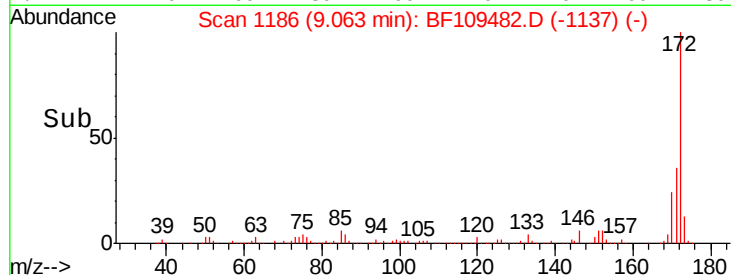
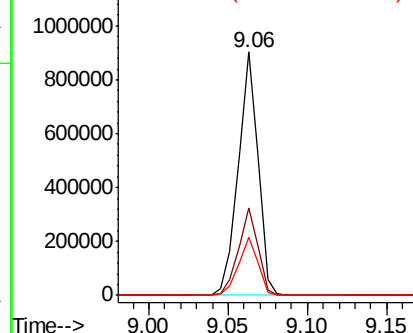


Abundance

Ion 172.00 (171.70 to 172.70): E

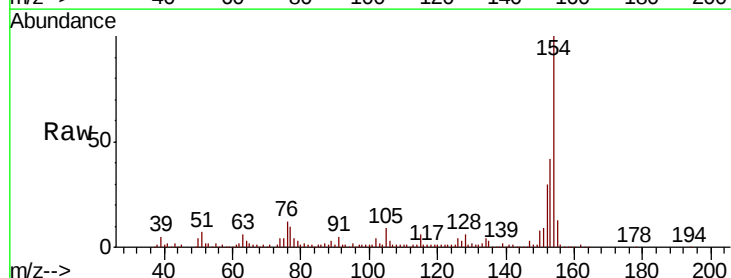
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 12.012 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	155814		
153	41.5		21.3	61.3
76	12.1		0.0	34.0

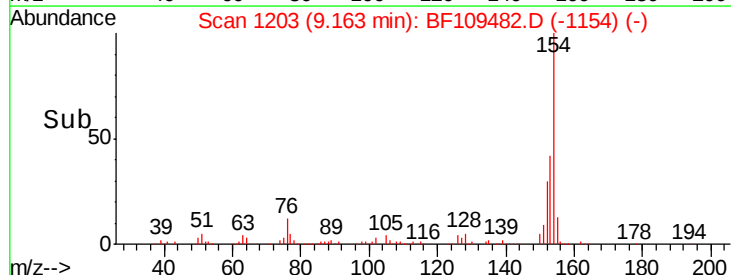
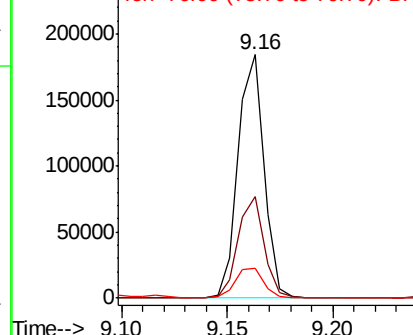


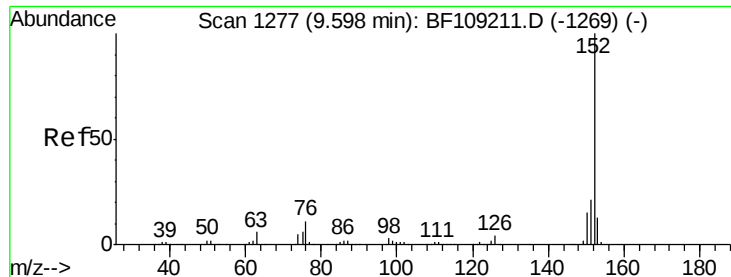
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 3.408 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA_F

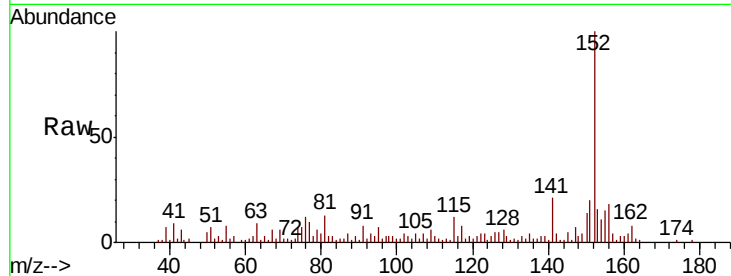
ClientSampleId :

QNWP8-MW30D-GW

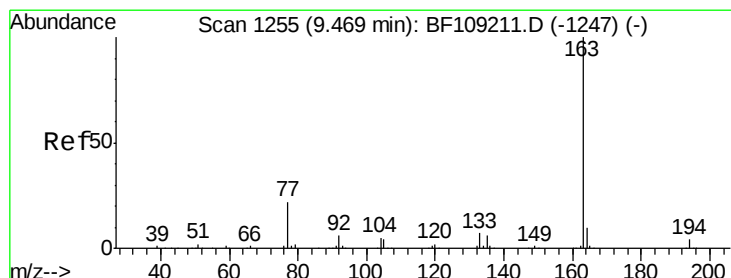
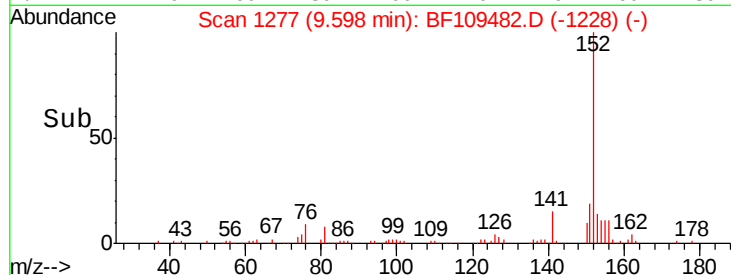
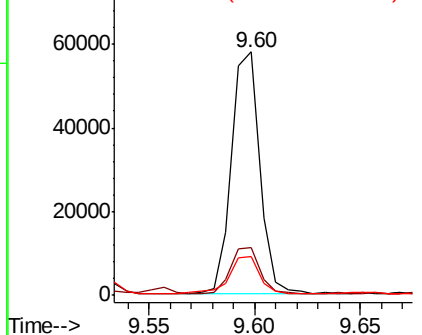
Tot Ion:	152	Resp:	53273
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.3	24.5
153	15.9	10.7	16.1

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



#49

Dimethylphthalate

Concen: 20.773 ng

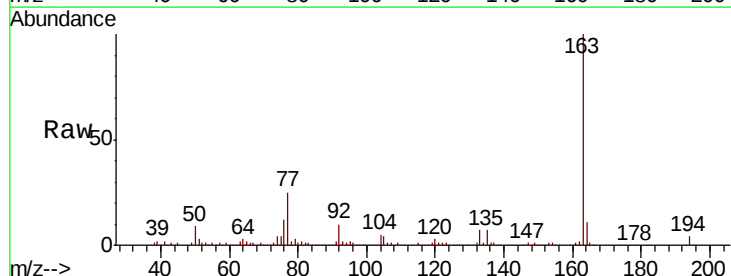
RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

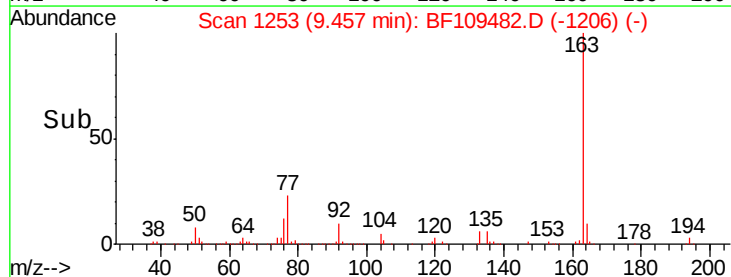
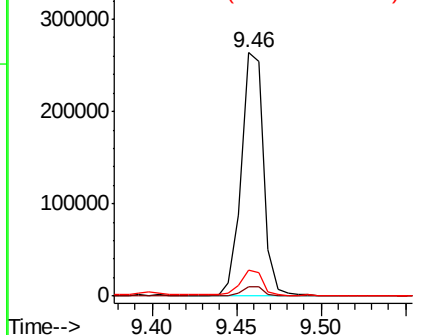
Lab File: BF109482.D

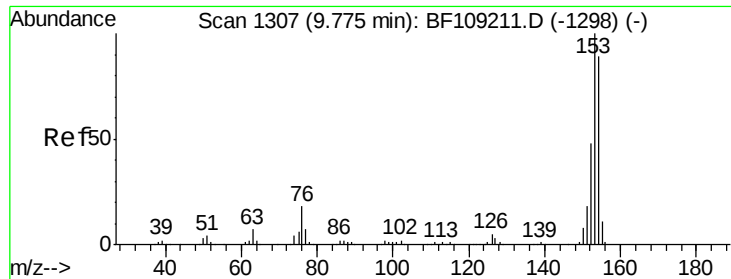
Acq: 1 Oct 2018 19:32

Tgt Ion:	163	Resp:	240532
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2



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





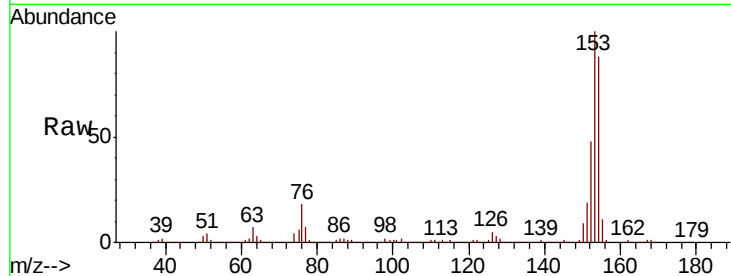
#51
Acenaphthene
Concen: 73.807 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

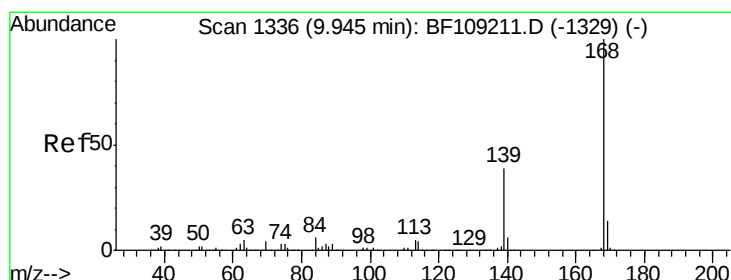
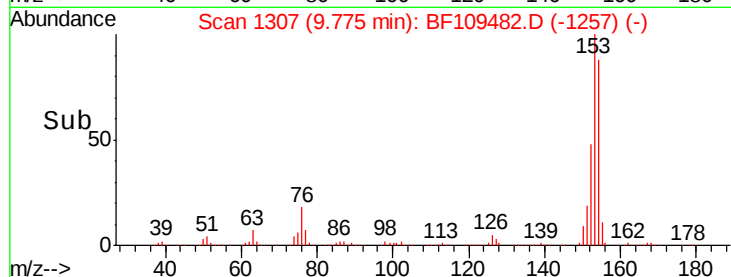
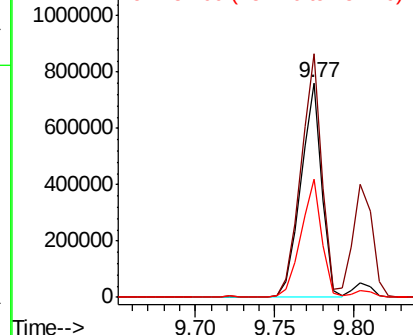
Tot Ion	154	Resp	697576
Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	54.9	43.8	65.8

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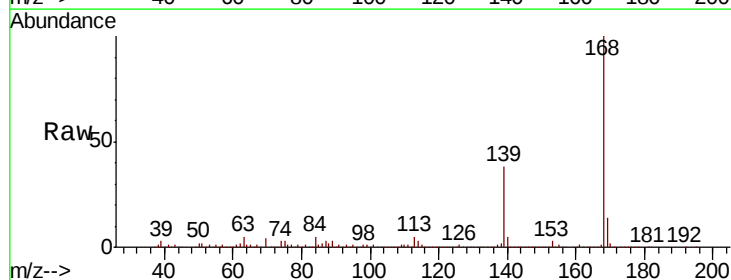


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

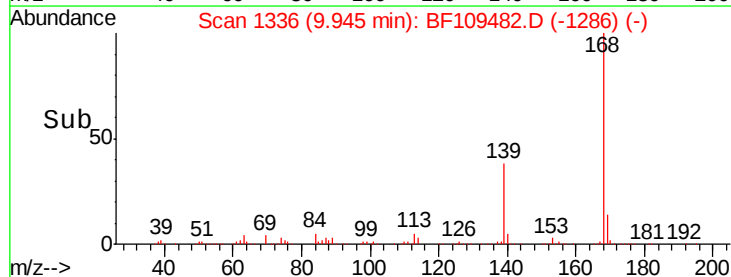
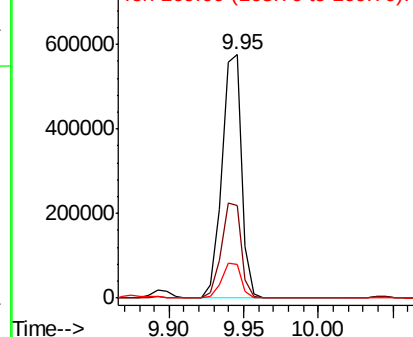


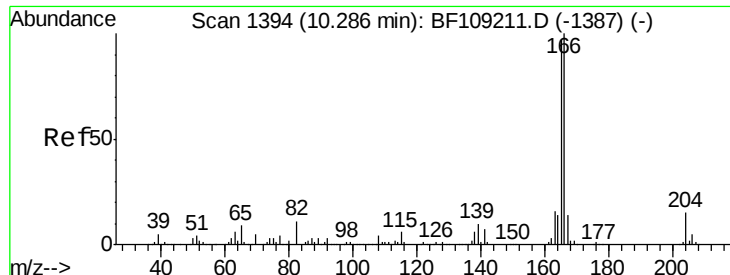
#54
Dibenzofuran
Concen: 37.961 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Tgt Ion	168	Resp	533579
Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.9	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





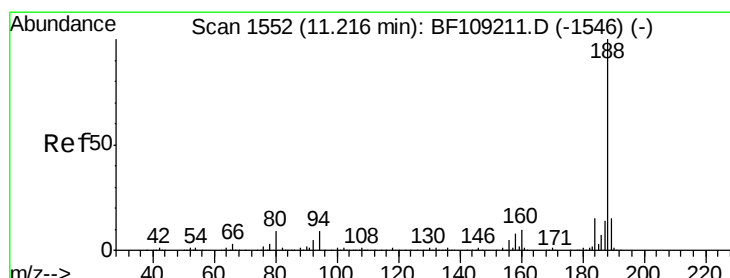
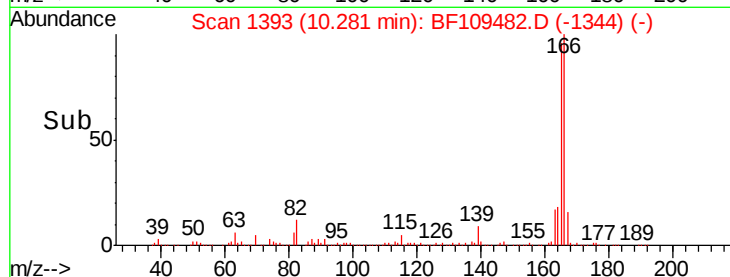
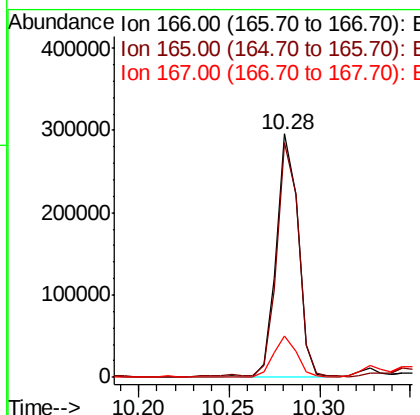
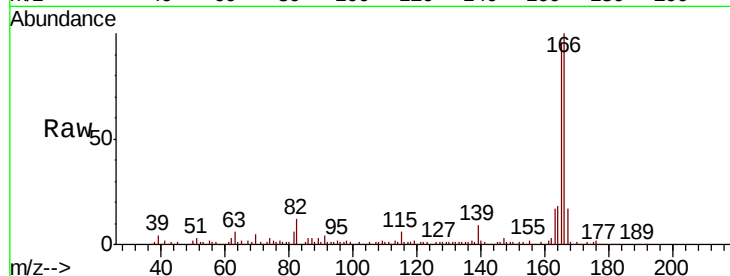
#57
Fluorene
 Concen: 24.632 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109482.D
 Acq: 1 Oct 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.8	119.8
167	16.8	10.6	16.0

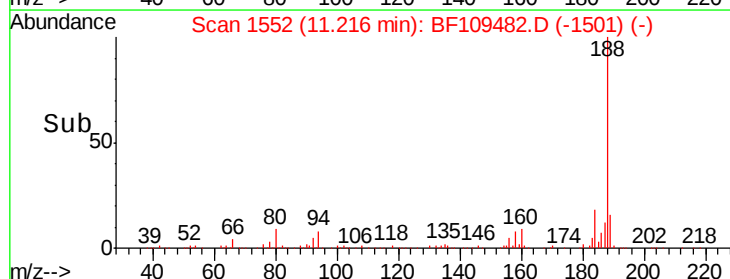
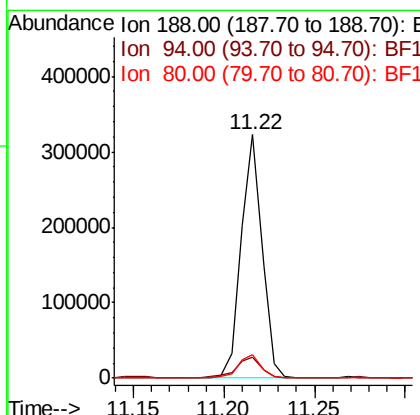
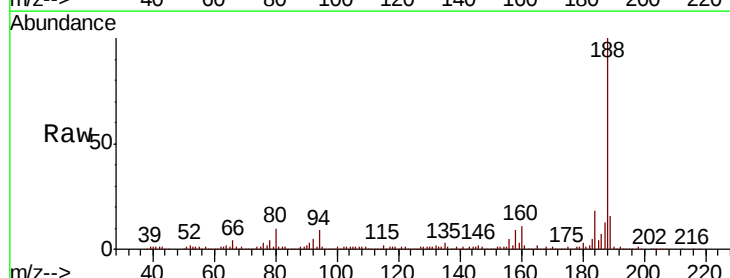
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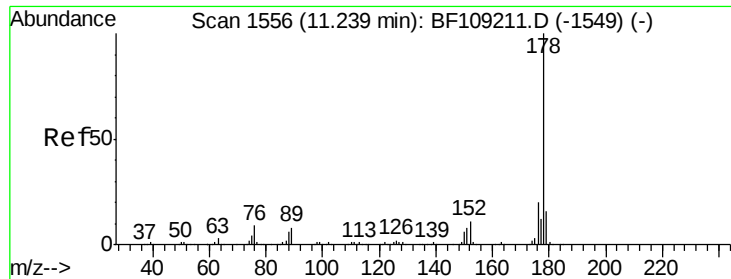
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109482.D
 Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8





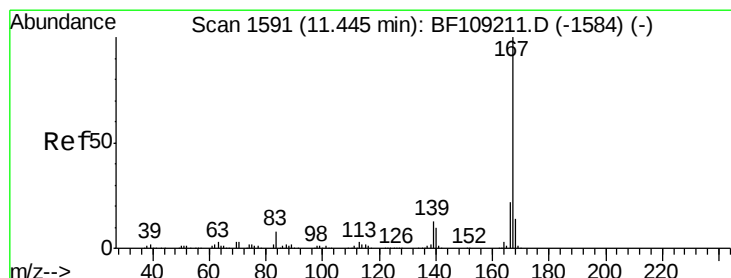
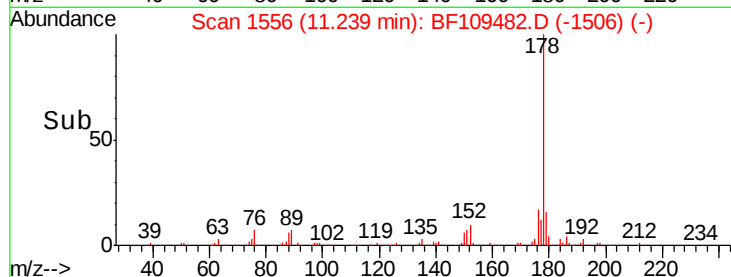
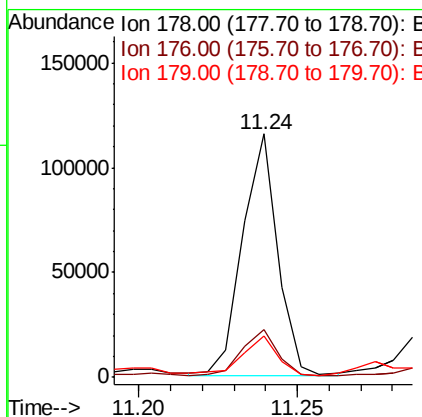
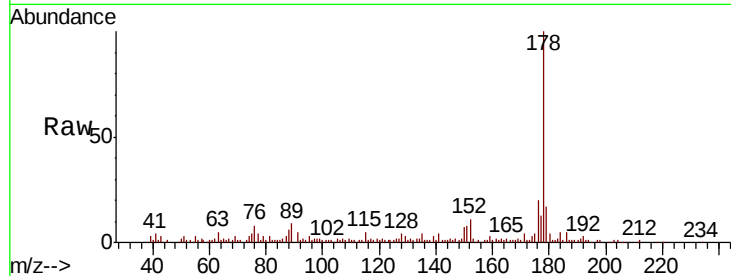
#70
Phenanthrene
Concen: 6.876 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.7	13.0	19.6

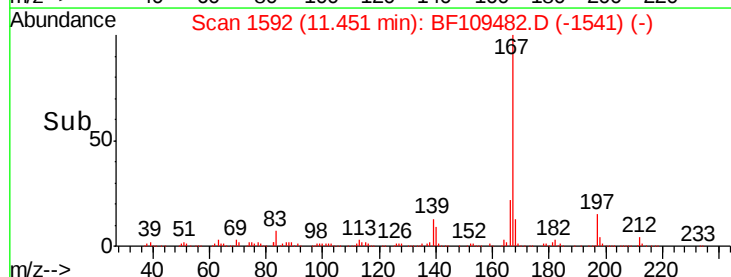
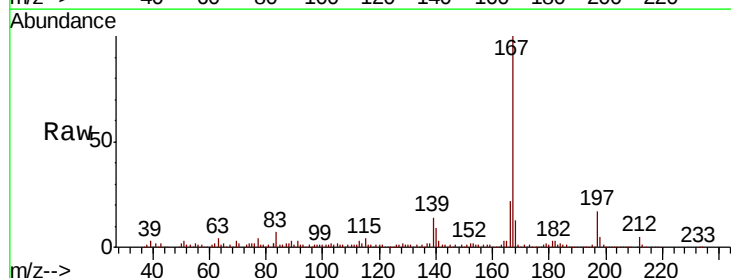
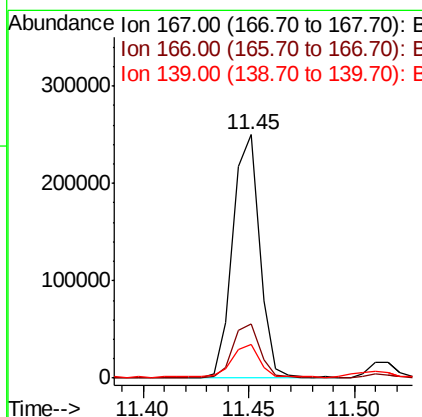
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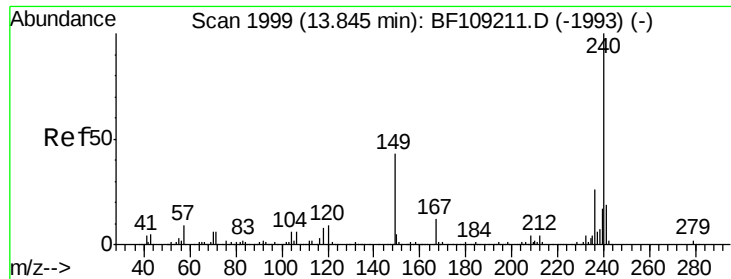
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#72
Carbazole
Concen: 16.864 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.6	10.9	16.3





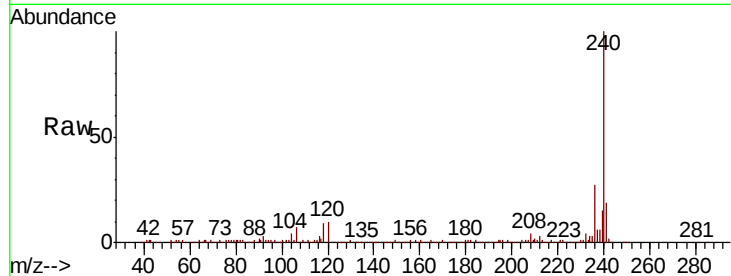
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF109482.D
 Acq: 1 Oct 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

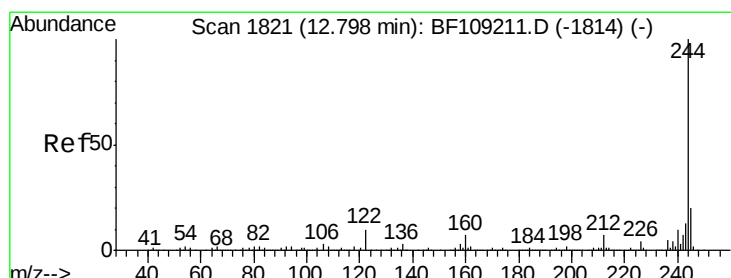
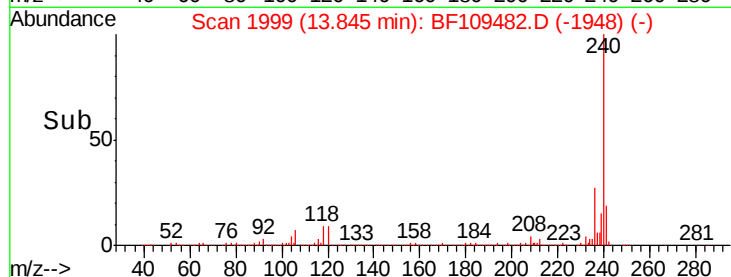
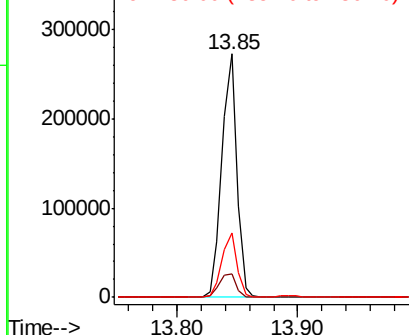
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.5	20.7	31.1

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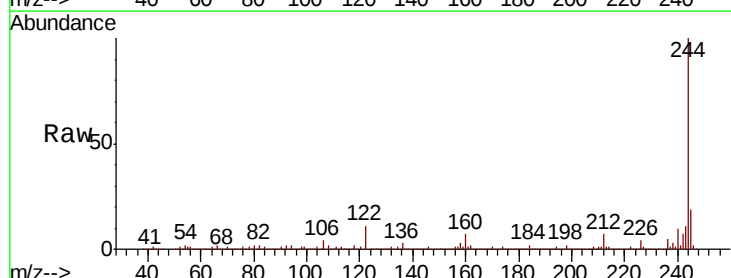


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

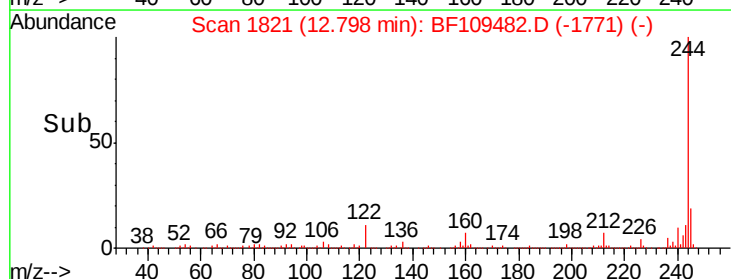
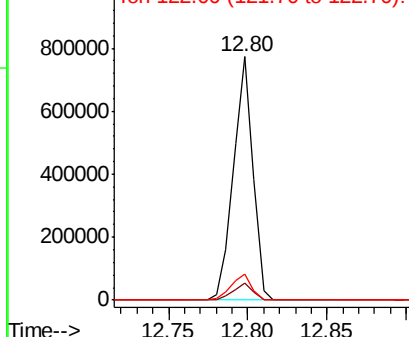


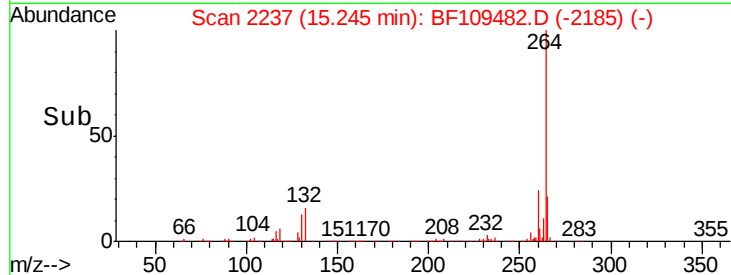
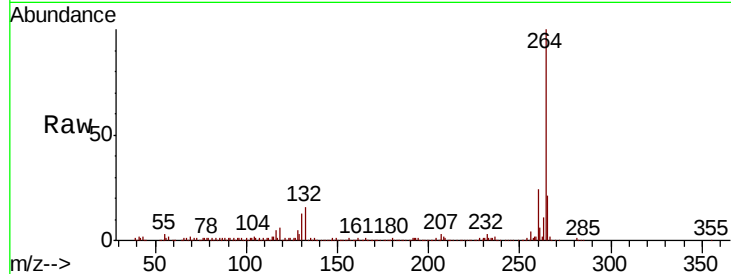
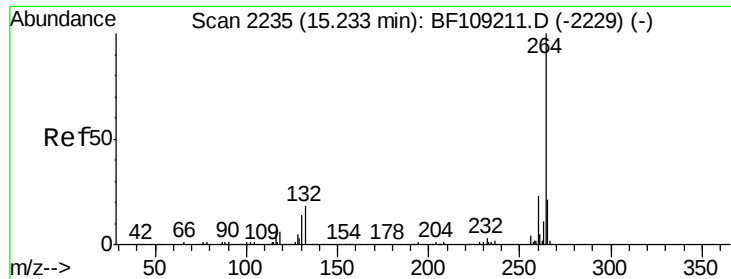
#78
 Terphenyl-d14
 Concen: 69.128 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109482.D
 Acq: 1 Oct 2018 19:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.9	11.0	16.4#



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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109482.D
Acq: 1 Oct 2018 19:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3

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