

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109495.D
 Acq On : 2 Oct 2018 12:35
 Operator : JU/SJ
 Sample : J5155-03DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

Manual Integrations
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Sohil
 10/3/2018 9:30:58 AM

Quant Time: Oct 02 14:09:10 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	102610	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	333672	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	193903	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	351222	20.00	ng	0.00
75) Chrysene-d12	13.84	240	262554	20.00	ng	0.00
86) Perylene-d12	15.24	264	270110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	32432	5.21	ng	0.01
7) Phenol-d6	6.36	99	45356	5.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	104922	18.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	42258	22.11	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	208392	16.21	ng	-0.02
78) Terphenyl-d14	12.79	244	157408	14.71	ng	-0.01
Target Compounds						
6) Aniline	6.37	93	58984	5.799	ng	Qvalue # 82
10) Phenol	6.37	94	32747m	3.638	ng	
17) 2-Methylphenol	6.97	107	47088m	8.400	ng	95
20) 3+4-Methylphenols	7.13	107	149930	22.154	ng	
27) 2,4-Dimethylphenol	7.66	122	300422	67.738	ng	99
31) Naphthalene	8.05	128	8046795	516.072	ng	94
37) 2-Methylnaphthalene	8.70	142	433498	43.127	ng	97
45) 1,1'-Biphenyl	9.16	154	164447	10.409	ng	98
49) Dimethylphthalate	9.46	163	53054	3.762	ng	# 99
51) Acenaphthene	9.77	154	295159	25.640	ng	
54) Dibenzofuran	9.94	168	334407	19.534	ng	99
57) Fluorene	10.28	166	205575	16.830	ng	100
70) Phenanthrene	11.24	178	314534	17.936	ng	99
71) Anthracene	11.29	178	42163	2.370	ng	98
72) Carbazole	11.44	167	227947	12.881	ng	100

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

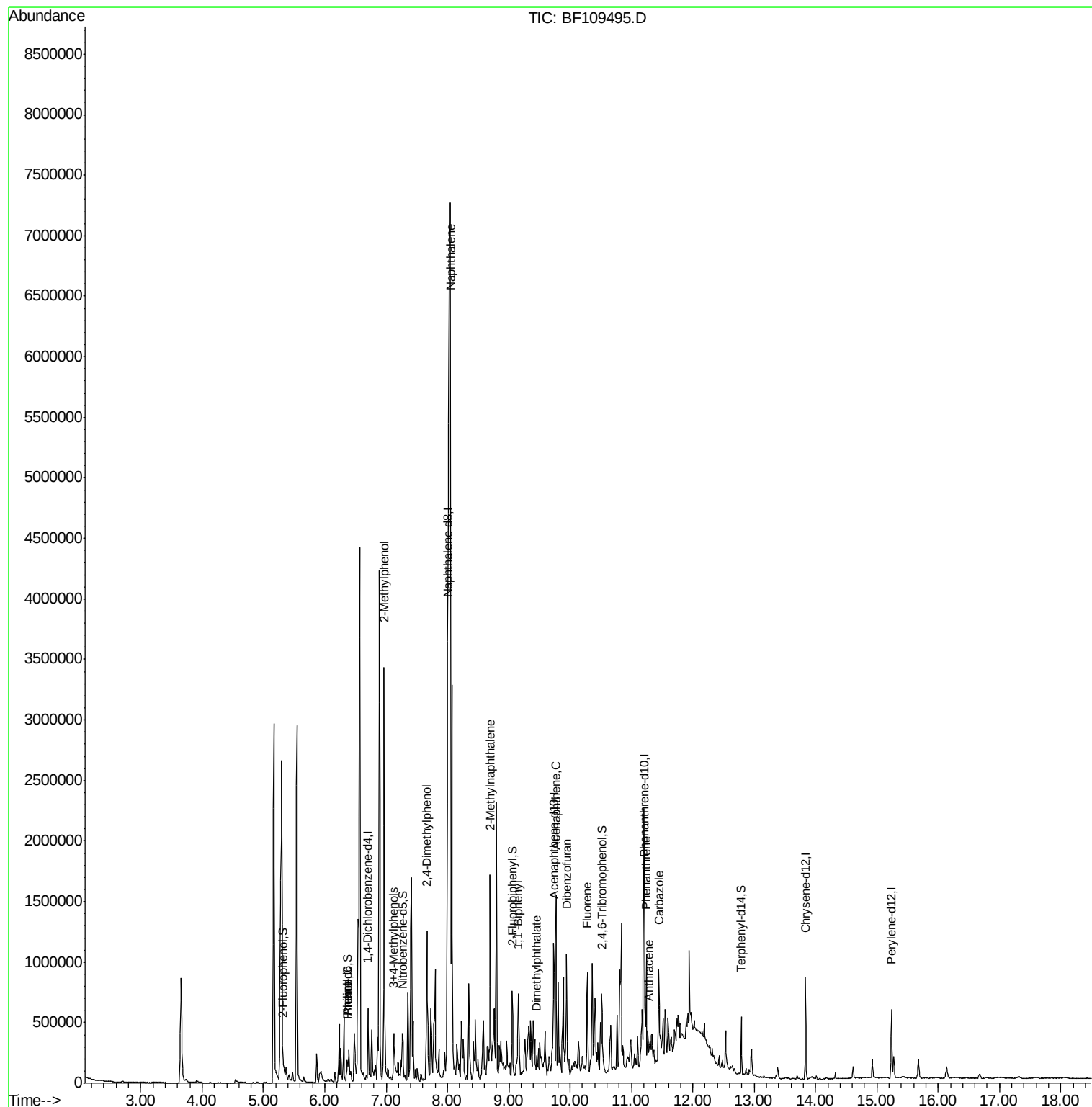
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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#1

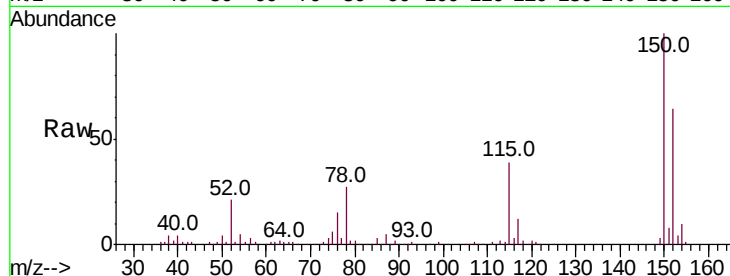
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	61.5	50.1	75.1

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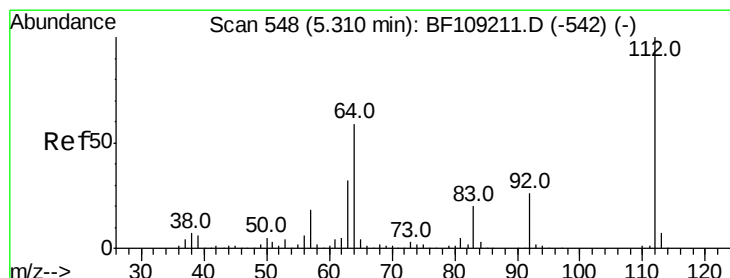
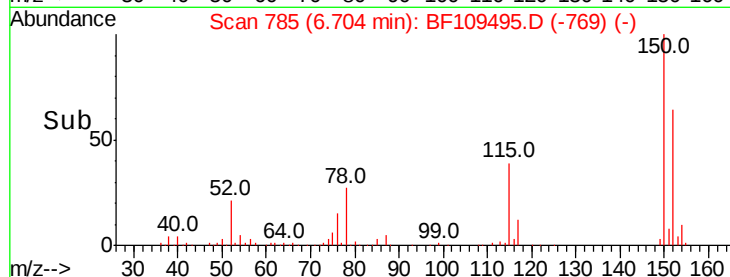
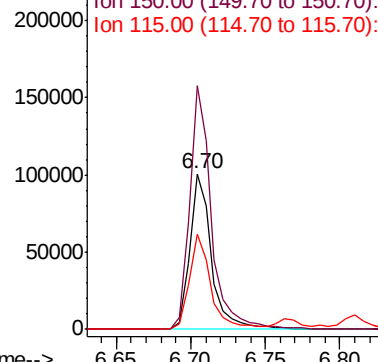


Abundance

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: 5.206 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

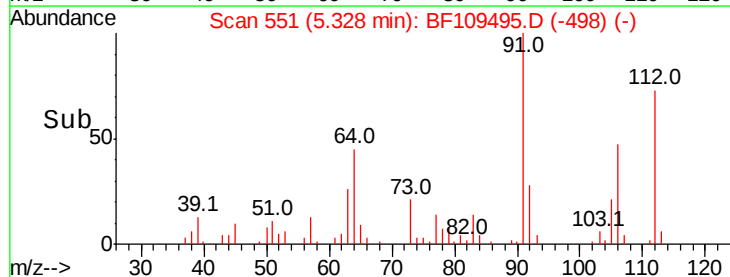
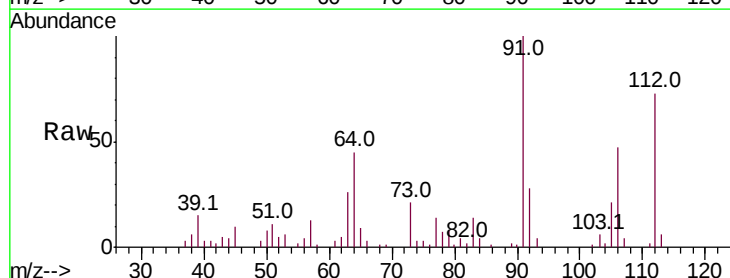
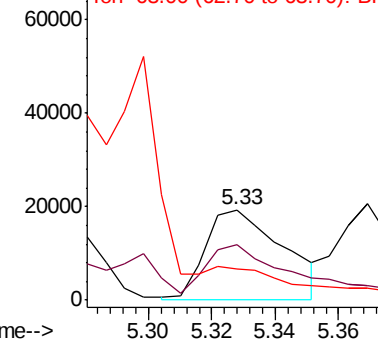
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	34.9	23.7	35.5

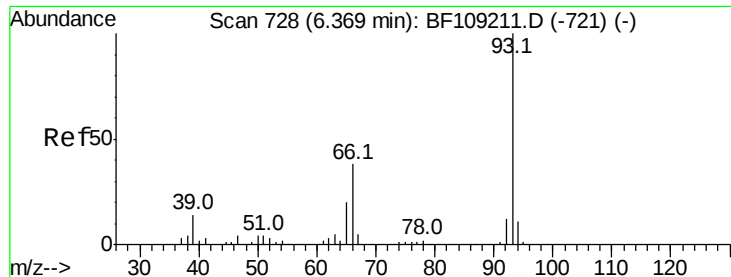
Abundance

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





#6

Aniline

Concen: 5.799 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

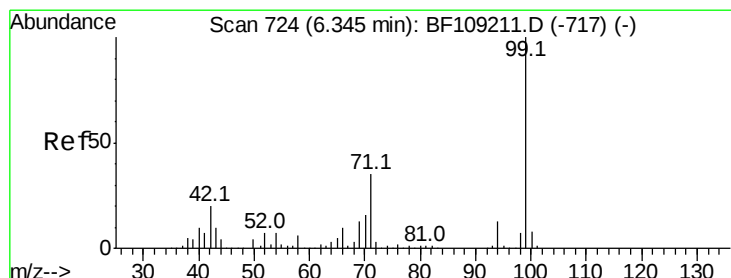
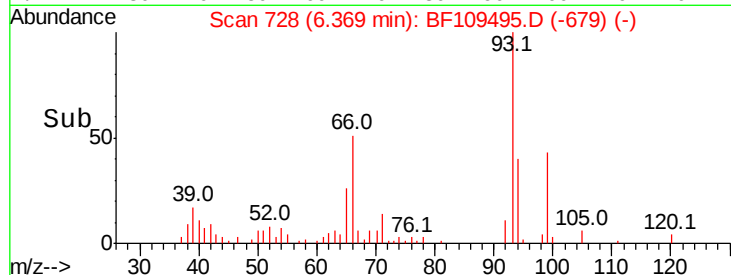
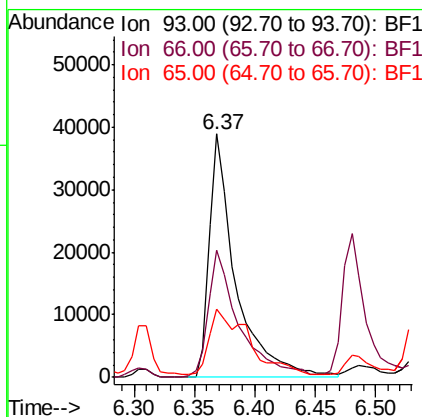
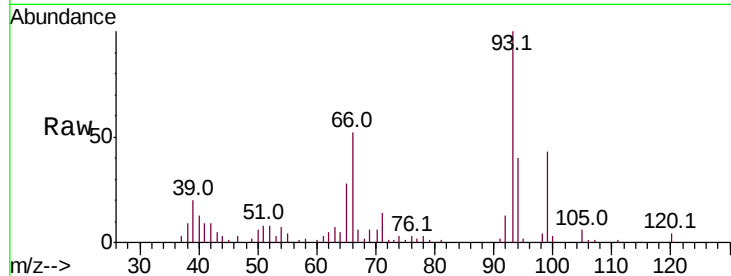
ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion:	93	Resp:	58984
Ion Ratio	Lower	Upper	
93	100		
66	52.0	32.2	48.2#
65	27.9	16.4	24.6#

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#7

Phenol-d6

Concen: 5.706 ng

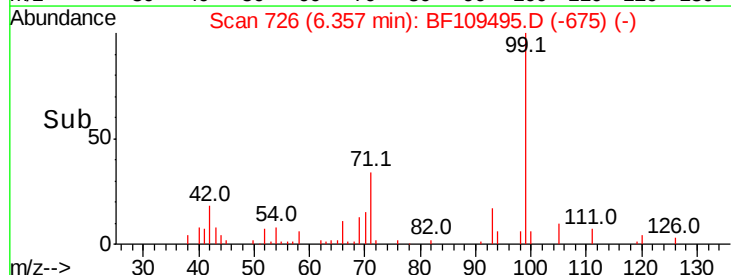
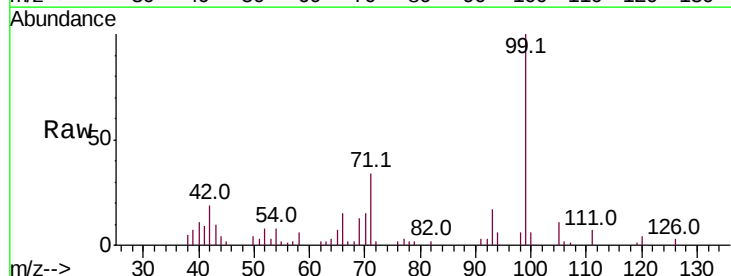
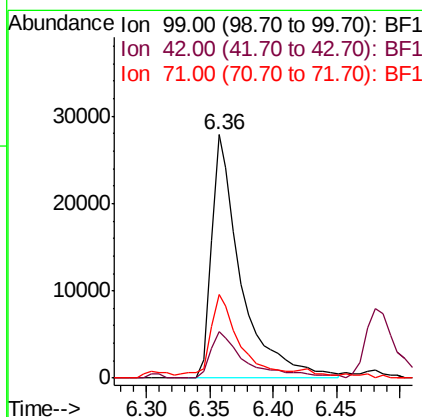
RT: 6.36 min Scan# 726

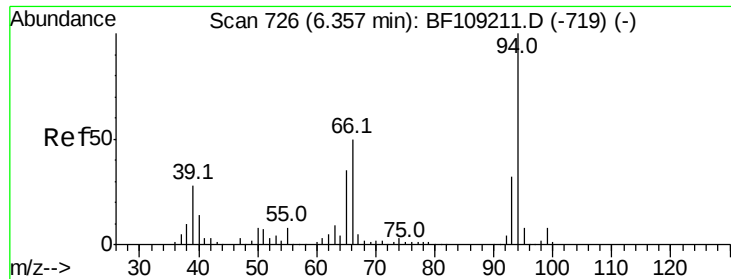
Delta R.T. -0.00 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Tgt Ion:	99	Resp:	45356
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	34.2	25.4	38.0





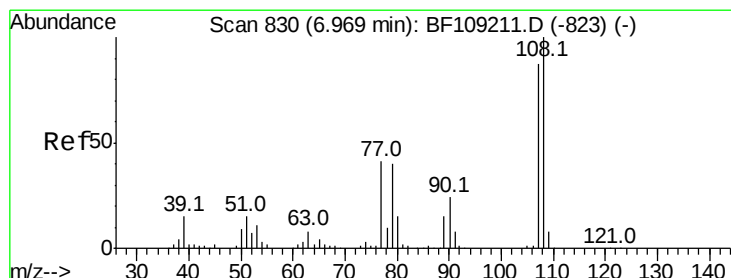
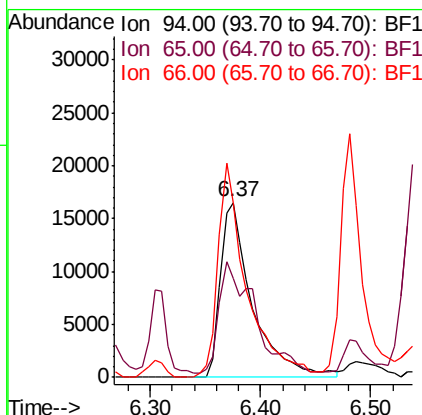
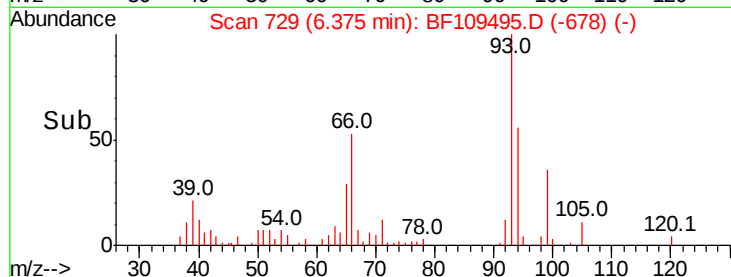
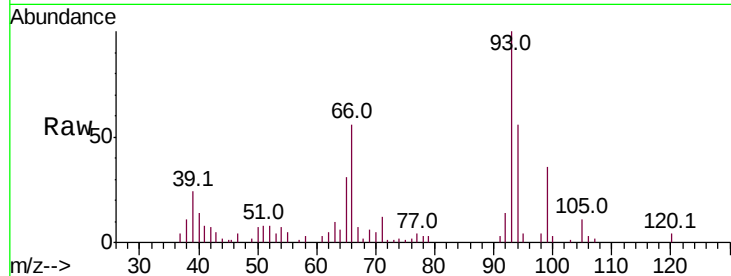
#10
Phenol
Concen: 3.638 ng m
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
94	100		
65	56.3	7.9	47.9#
66	100.0	16.2	56.2#

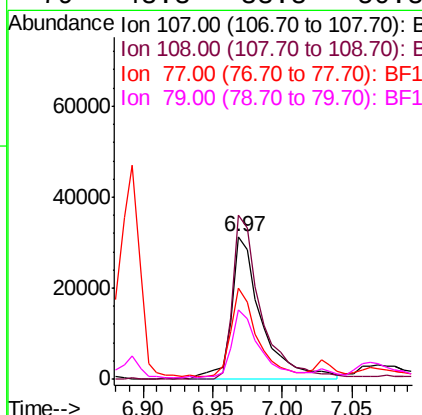
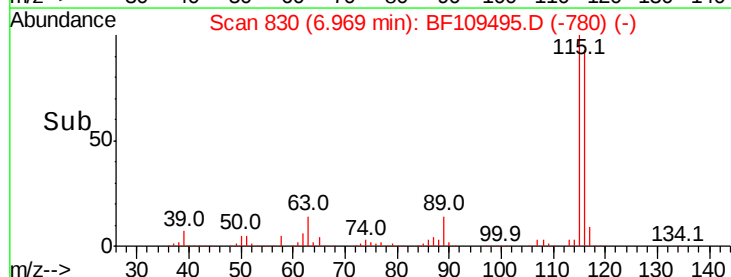
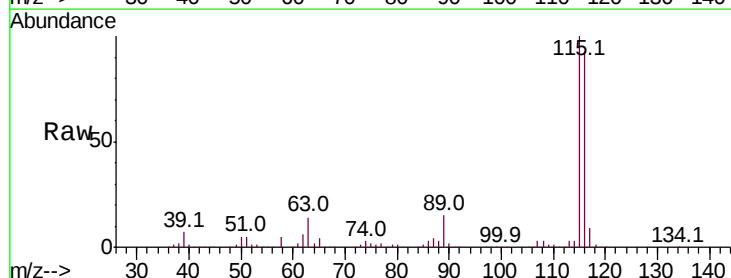
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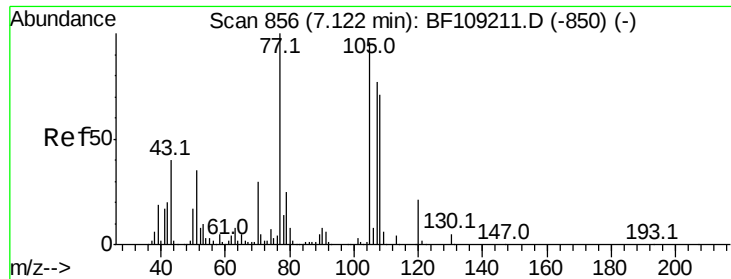
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#17
2-Methylphenol
Concen: 8.400 ng m
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.7	137.5
77	64.0	33.8	50.8#
79	48.3	33.8	50.8





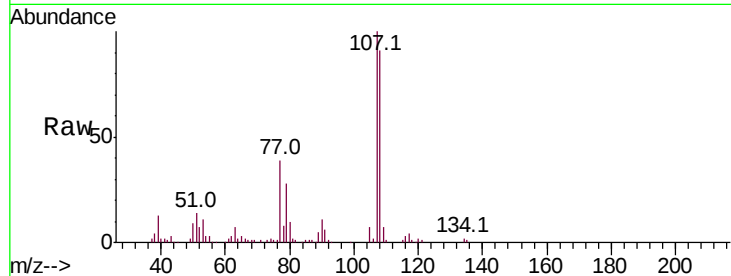
#20
3+4-Methylphenols
Concen: 22.154 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	90.7	68.2	108.2	
77	38.7	26.7	66.7	
79	27.9	6.3	46.3	

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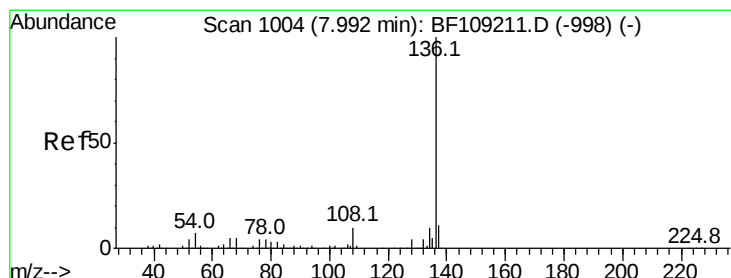
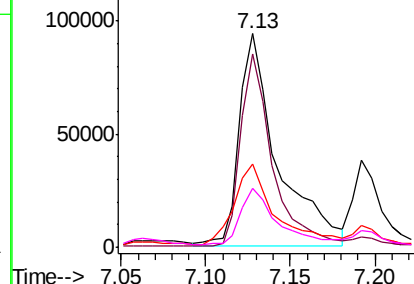
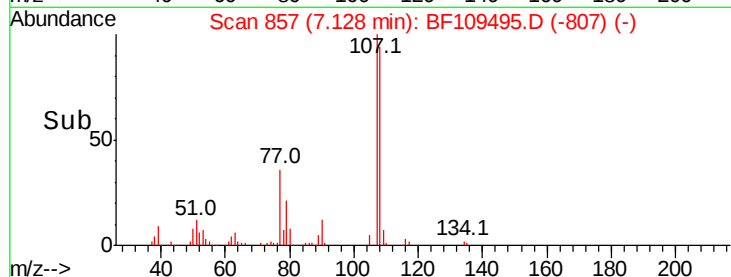
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

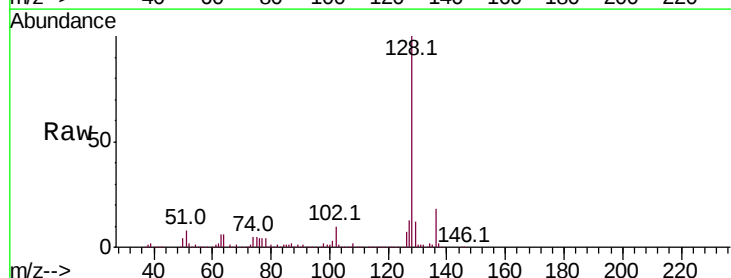
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.7	6.6	9.8	
68	5.3	5.0	7.4	



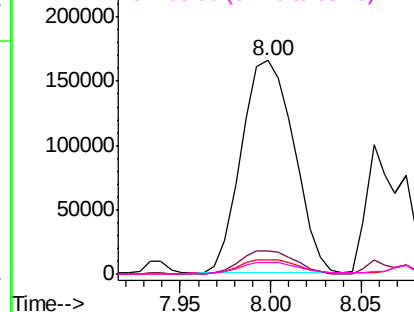
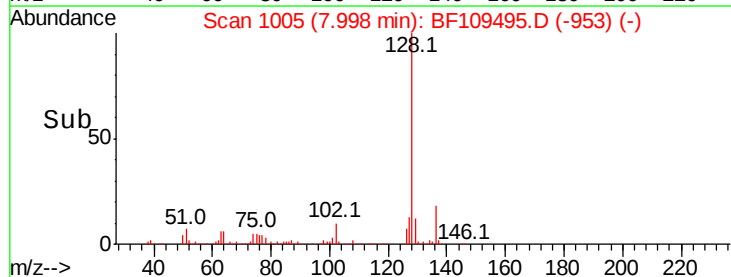
Abundance

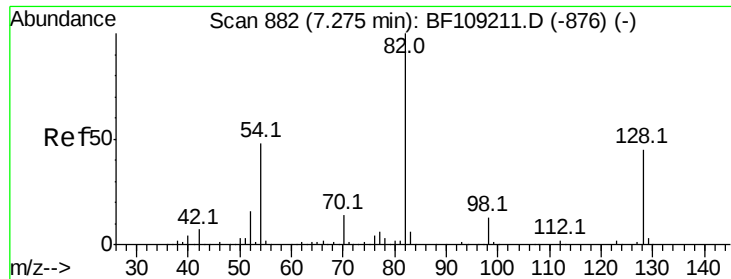
Ion 136.00 (135.70 to 136.70): E

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





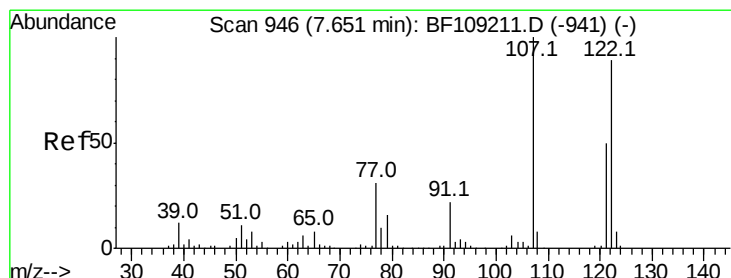
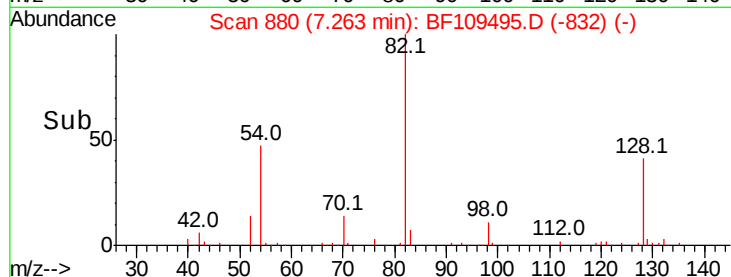
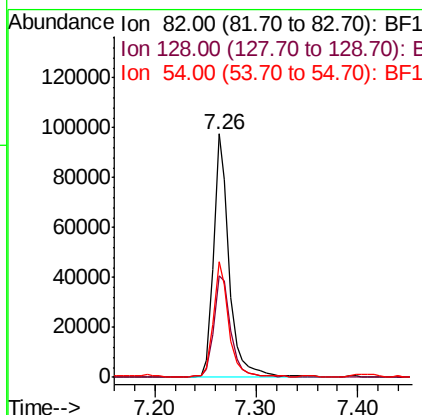
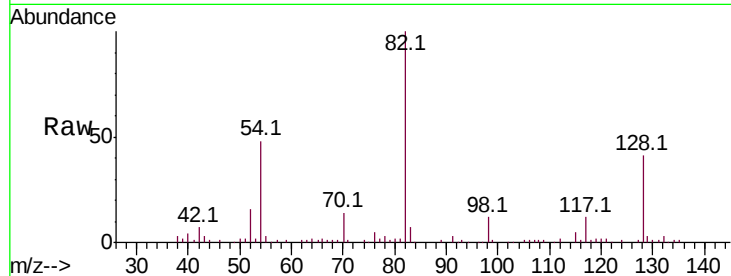
#23
 Nitrobenzene-d5
 Concen: 18.562 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	47.5	41.4	62.2

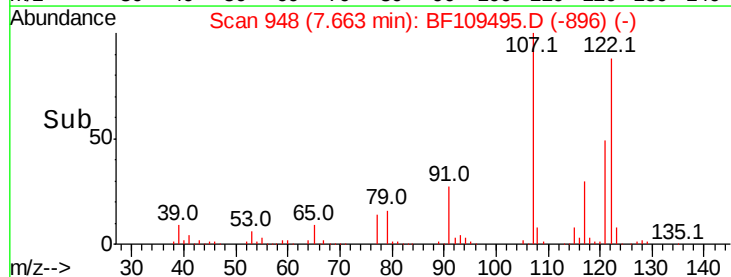
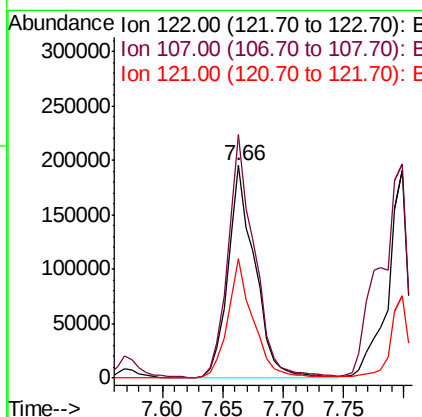
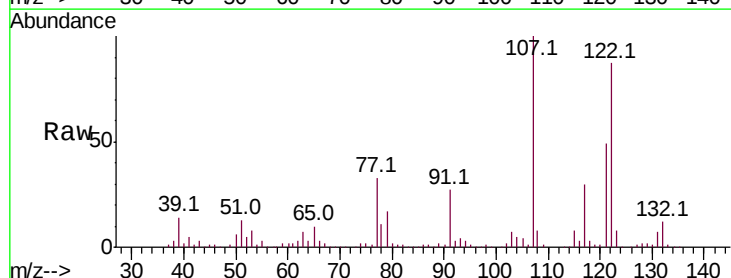
Manual Integrations
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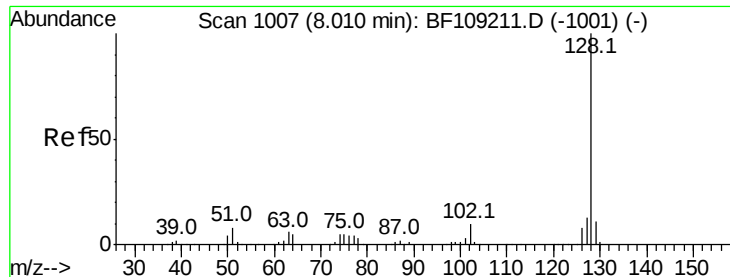
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#27
 2,4-Dimethylphenol
 Concen: 67.738 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	56.4	47.2	70.8





#31

Naphthalene

Concen: 516.072 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.03 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion:128 Resp: 8046795

Ion Ratio Lower Upper

128 100

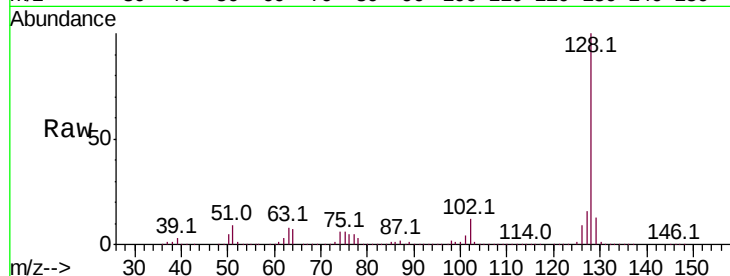
129 13.1 8.8 13.2

127 15.9 10.9 16.3

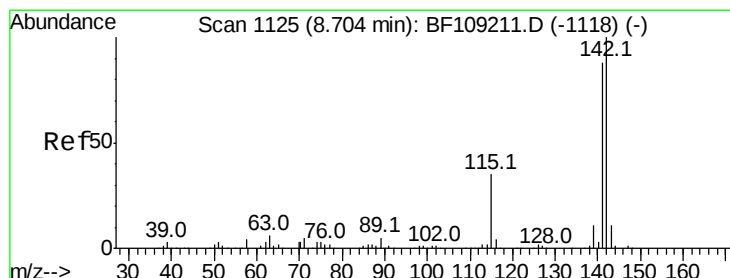
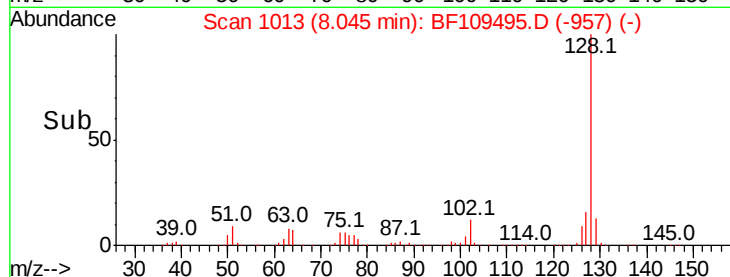
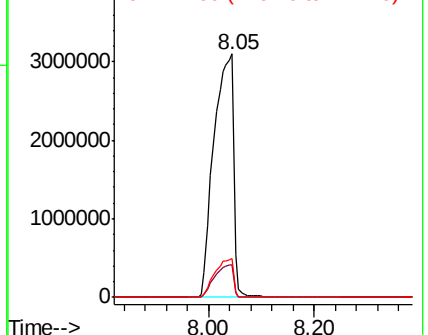
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 43.127 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

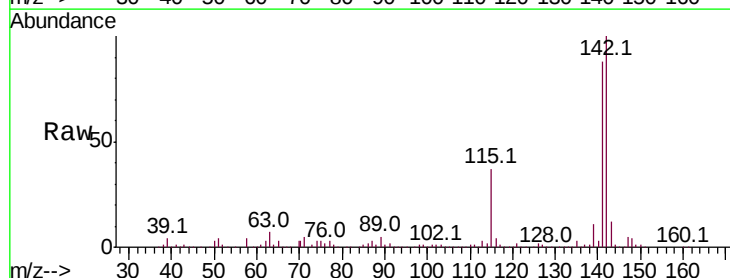
Tgt Ion:142 Resp: 433498

Ion Ratio Lower Upper

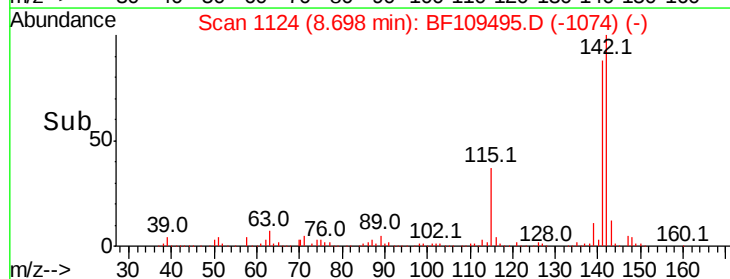
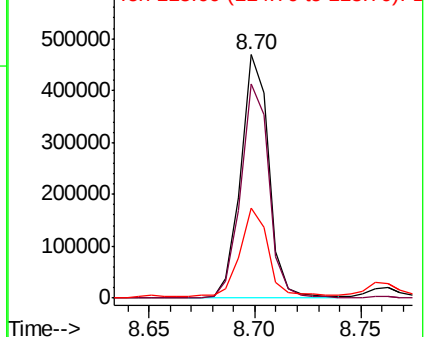
142 100

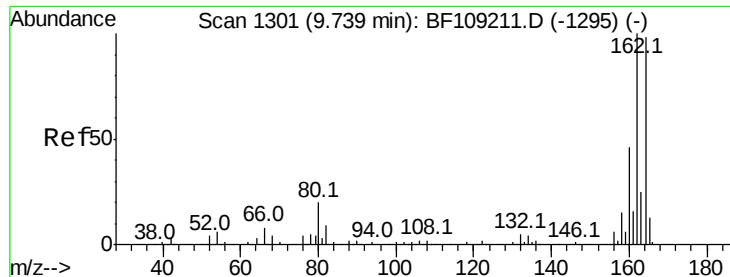
141 88.0 70.8 106.2

115 37.2 26.1 39.1



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





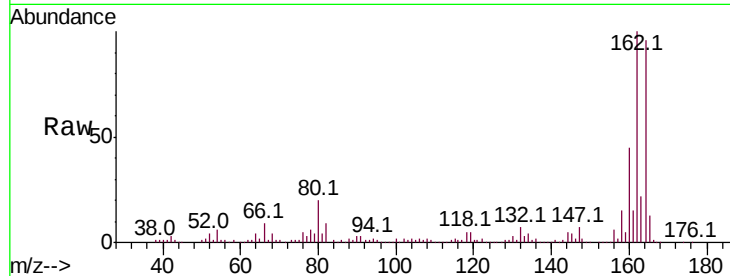
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

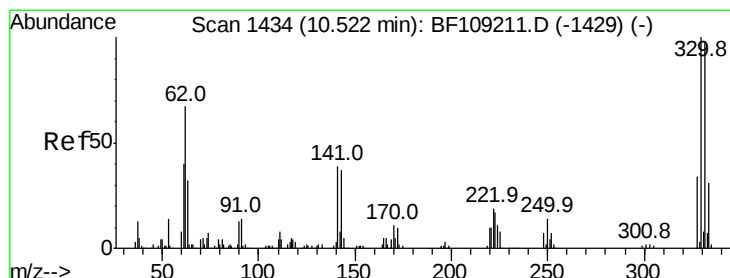
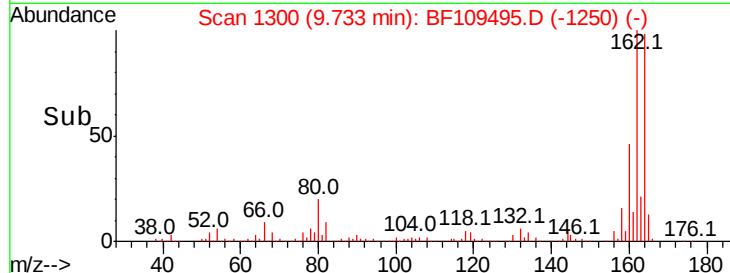
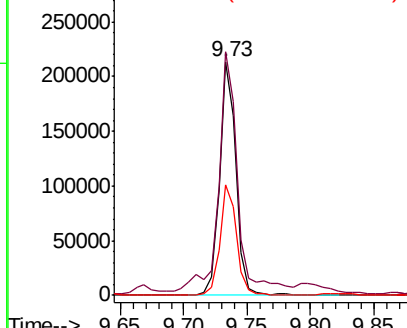
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	86.1	129.1	
160	47.2	38.3	57.5	

Manual Integrations
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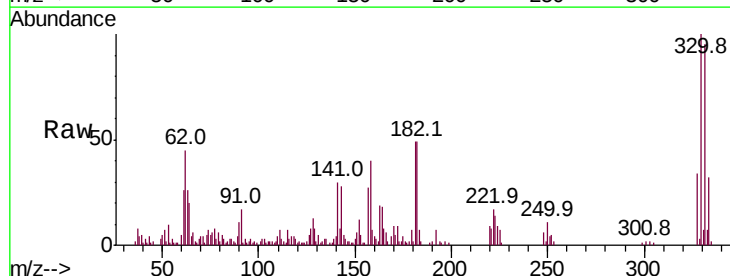


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

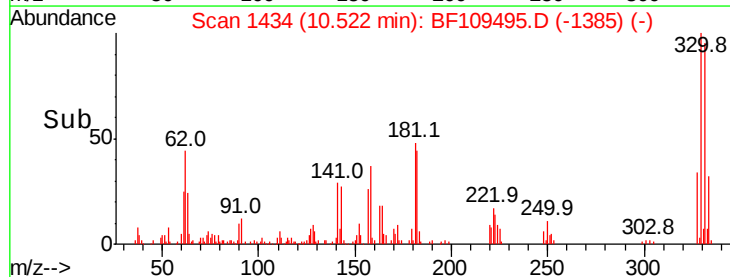
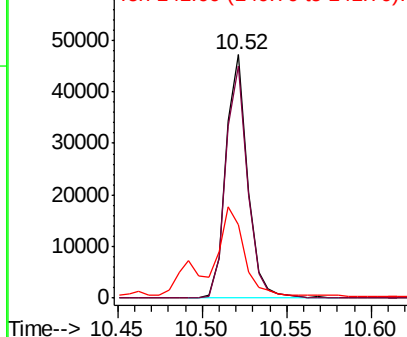


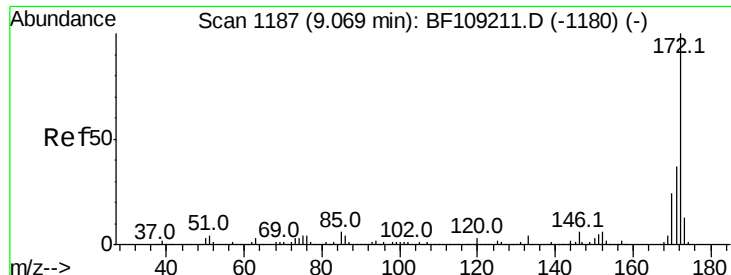
#41
 2,4,6-Tribromophenol
 Concen: 22.107 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	39.8	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





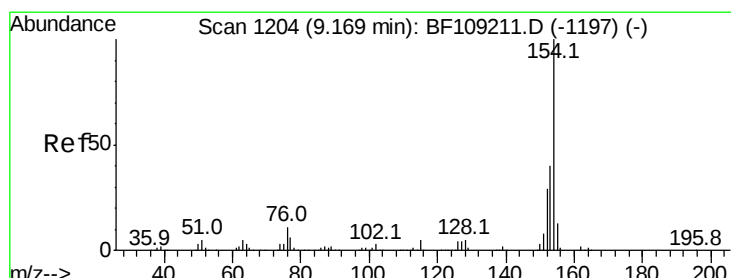
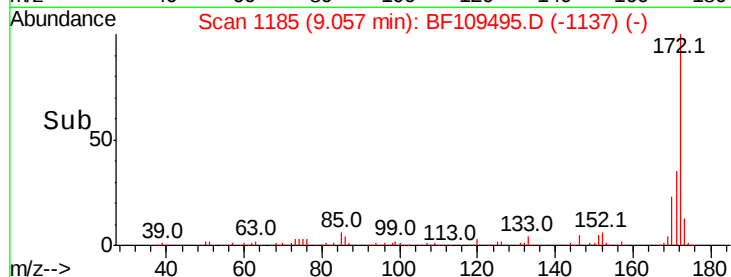
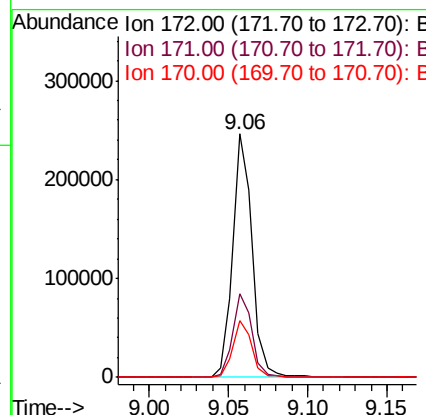
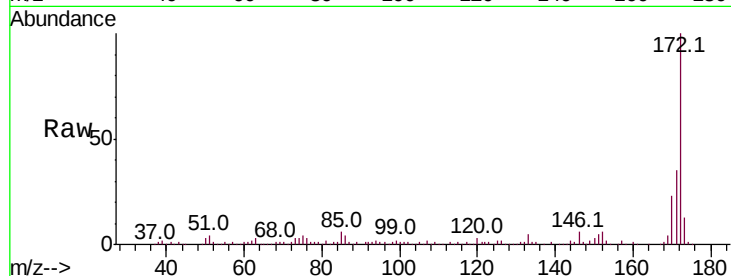
#44
2-Fluorobiphenyl
Concen: 16.209 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	29.7	44.5	
170	23.2	19.6	29.4	

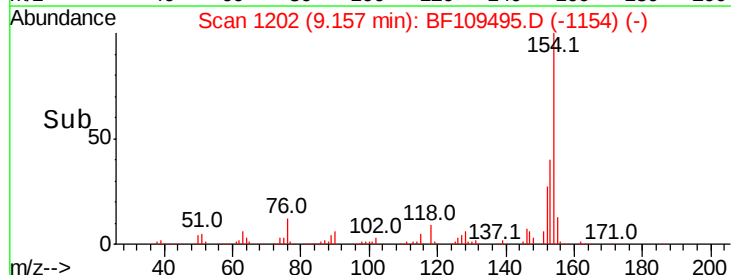
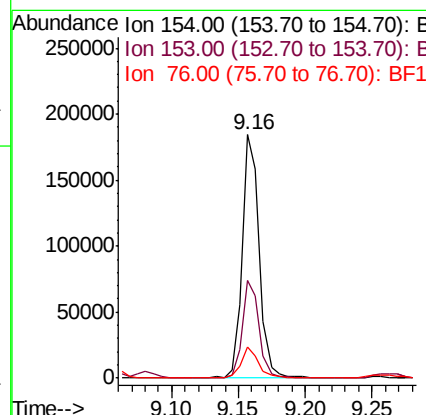
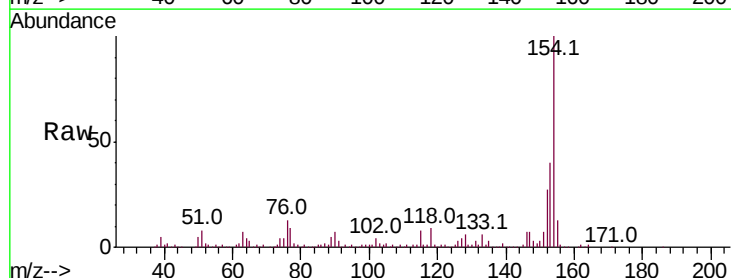
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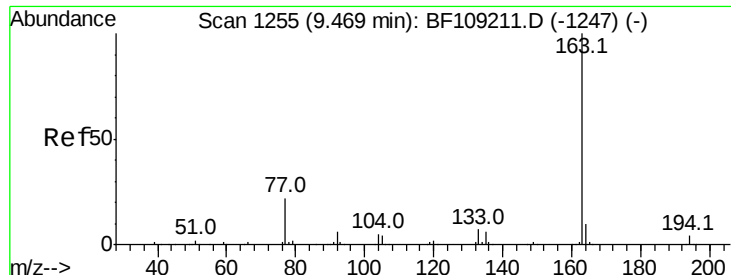
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#45
1,1'-Biphenyl
Concen: 10.409 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.3	61.3	
76	12.8	0.0	34.0	





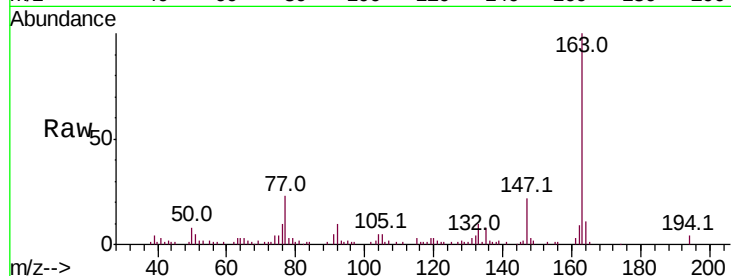
#49
Dimethylphthalate
Concen: 3.762 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

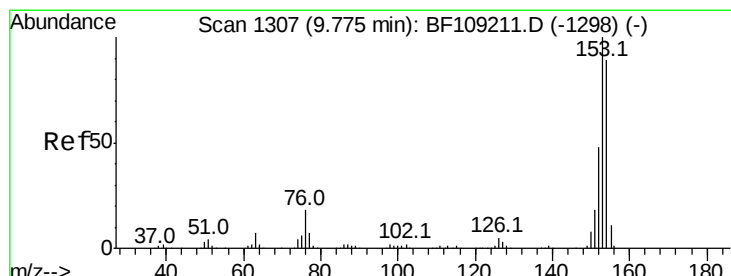
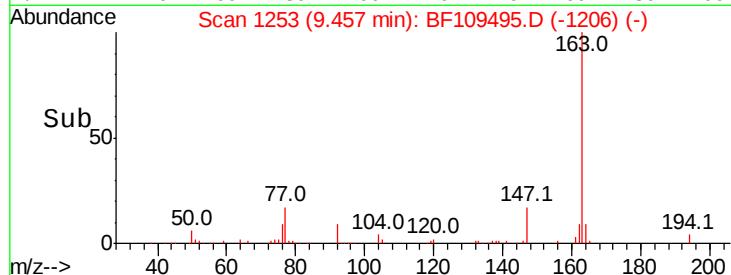
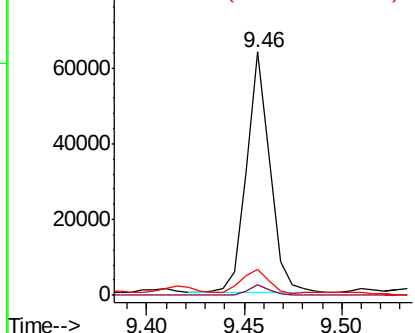
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.6	8.2	12.2

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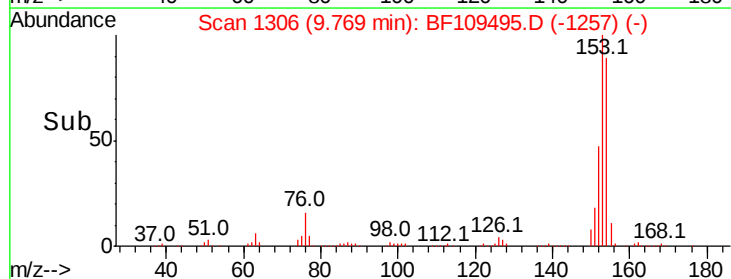
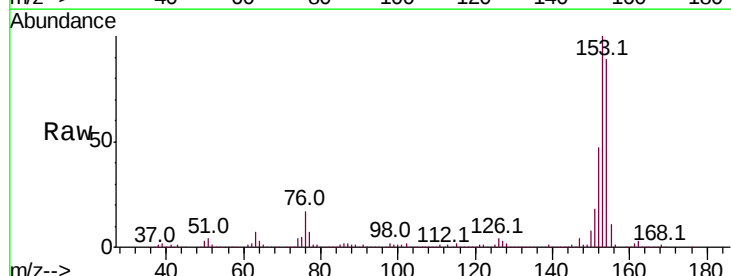
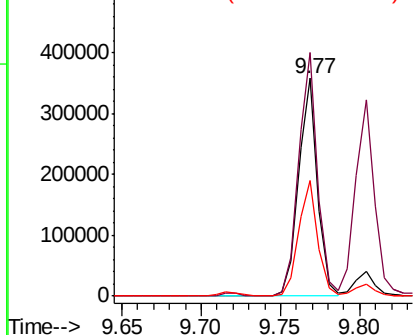
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

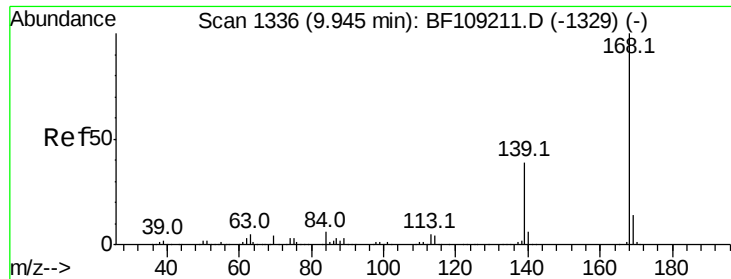


#51
Acenaphthene
Concen: 25.640 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.2	136.8
152	53.0	43.8	65.8

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





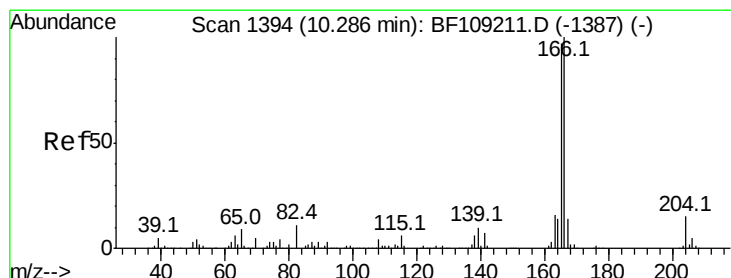
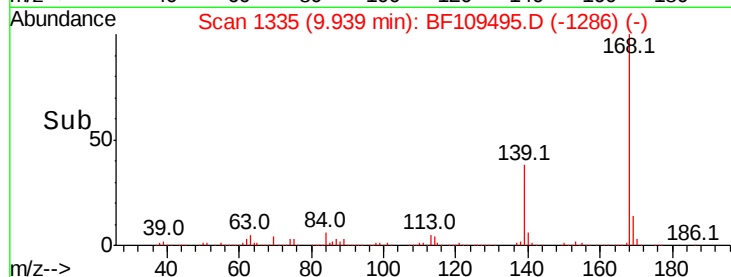
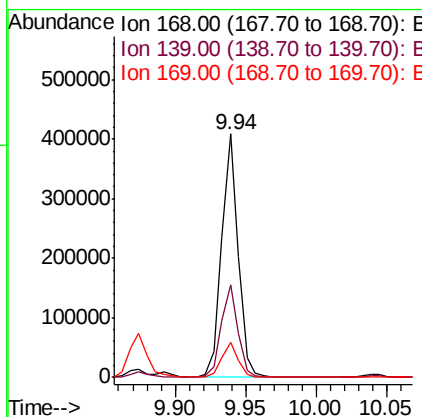
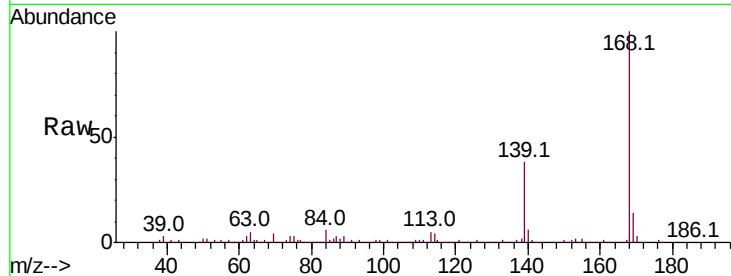
#54
Dibenzenofuran
Concen: 19.534 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	14.3	10.9	16.3

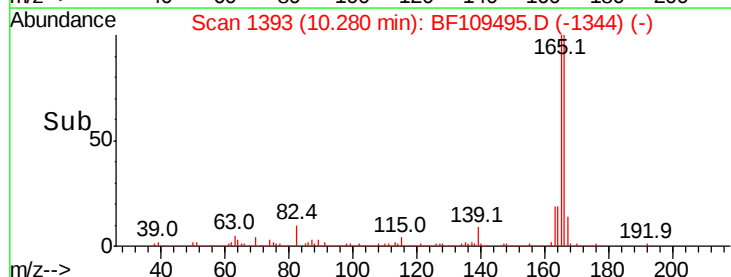
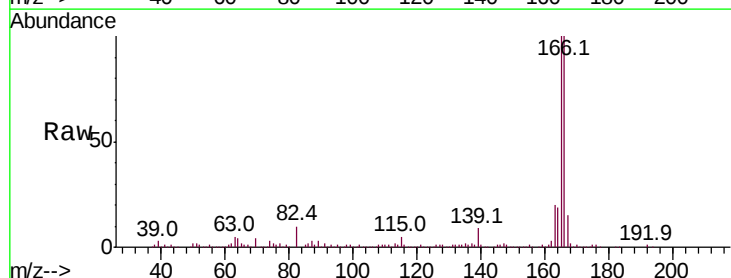
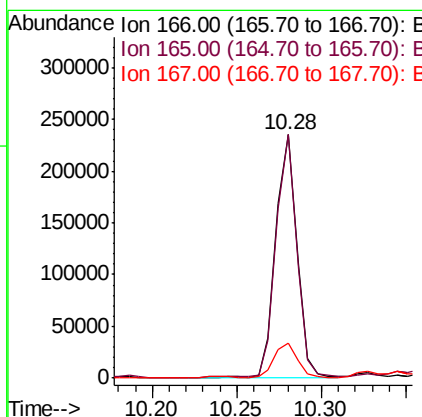
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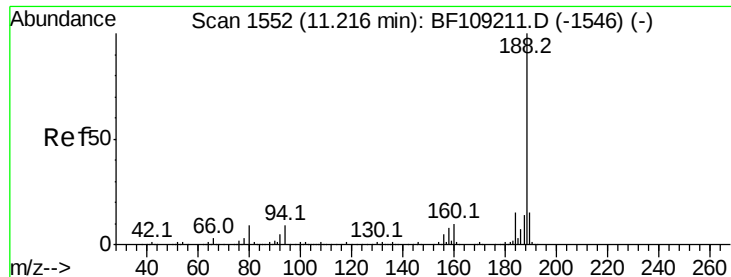
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#57
Fluorene
Concen: 16.830 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	14.5	10.6	16.0





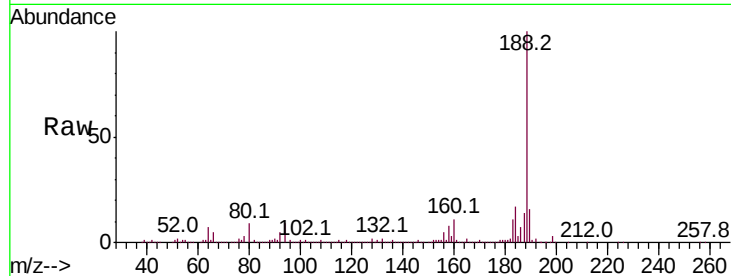
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL

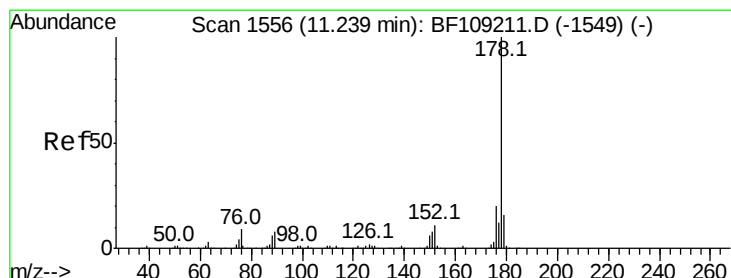
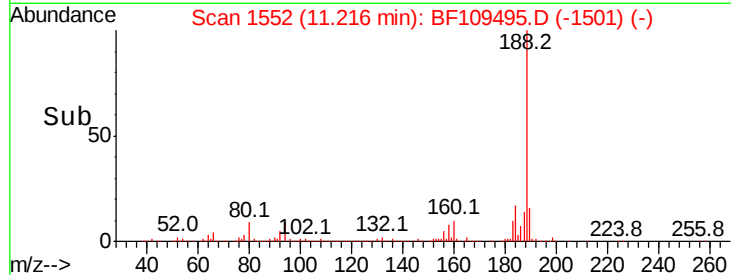
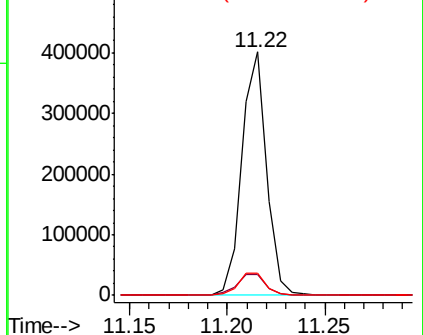
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	8.9	9.2	13.8

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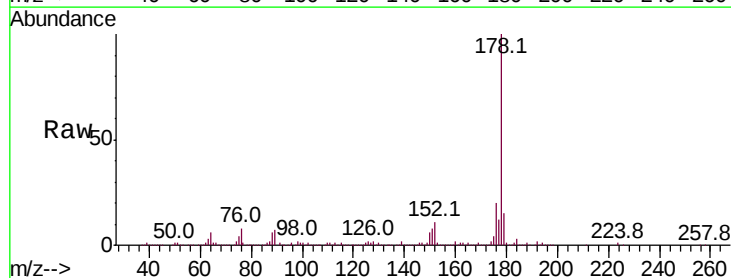


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

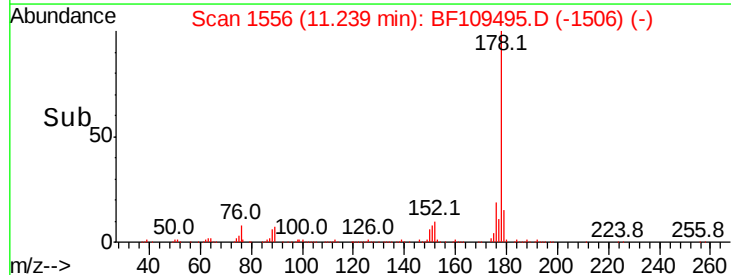
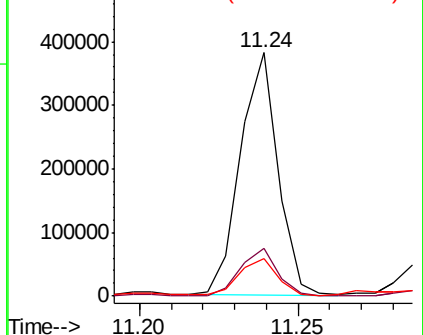


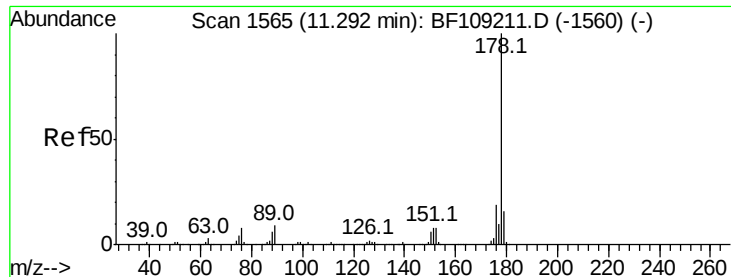
#70
Phenanthrene
Concen: 17.936 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109495.D
Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.370 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

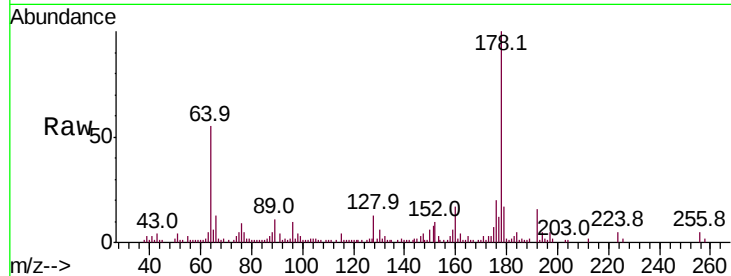
ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	17.0	12.6	19.0

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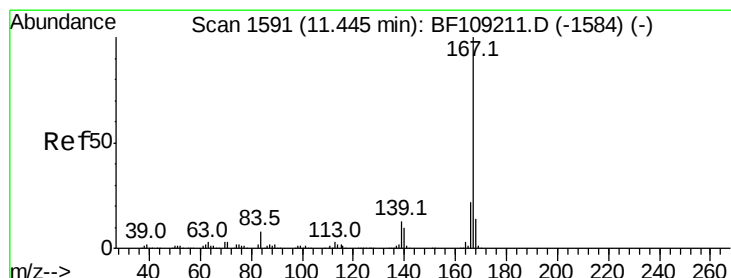
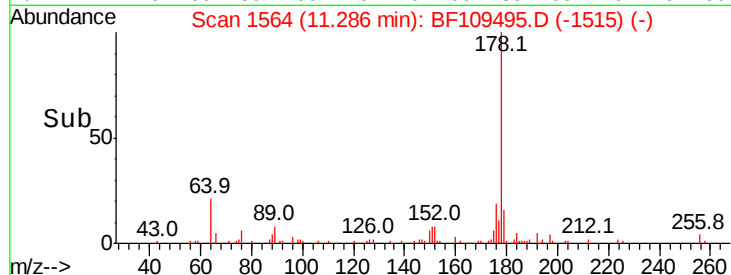
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



#72

Carbazole

Concen: 12.881 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.2	10.9	16.3

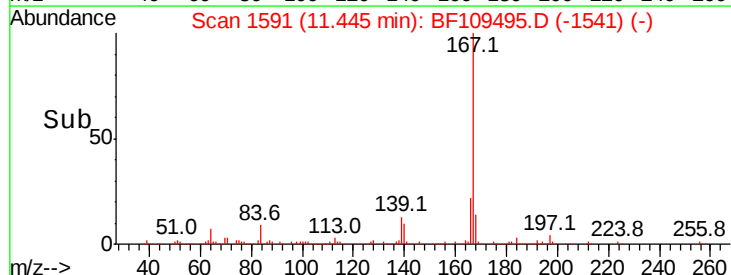
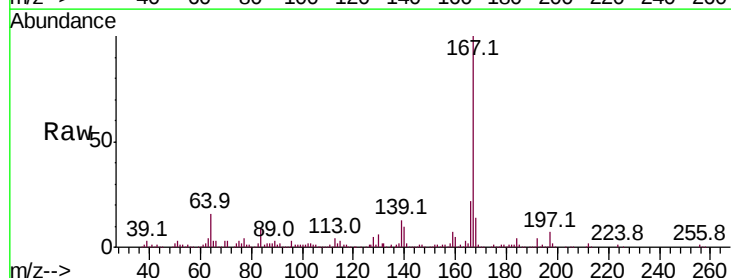
Abundance

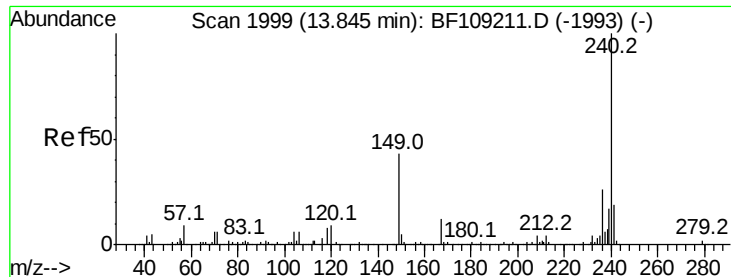
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Instrument :

BNA_F

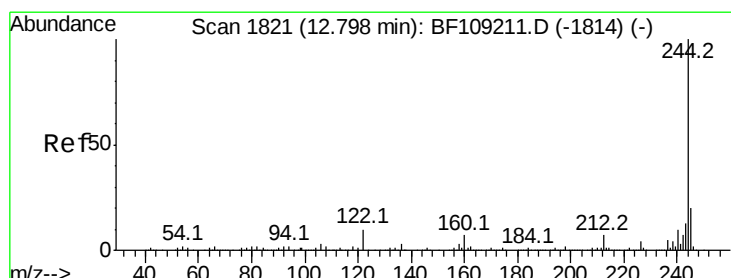
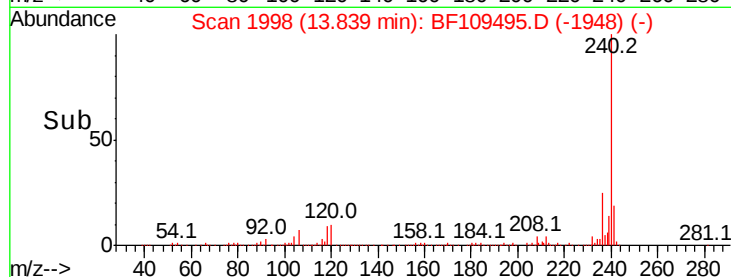
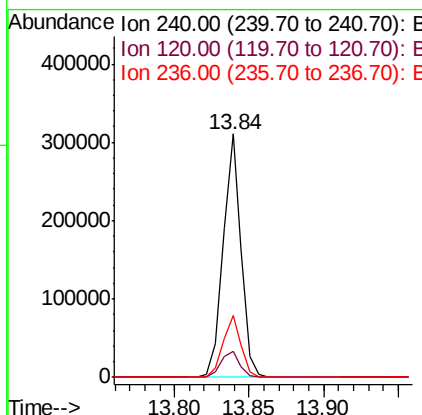
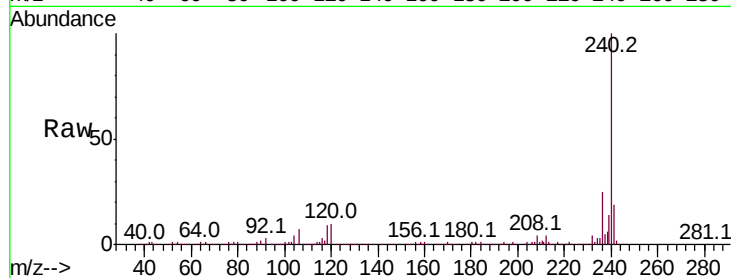
ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion:	240	Resp:	262554
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.3	20.7	31.1

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#78

Terphenyl-d14

Concen: 14.713 ng

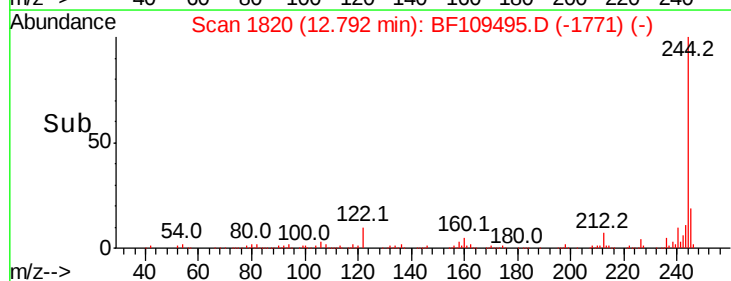
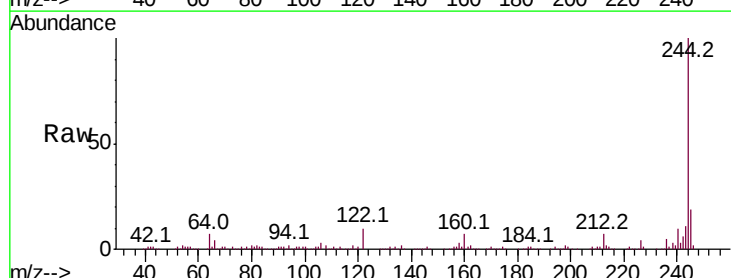
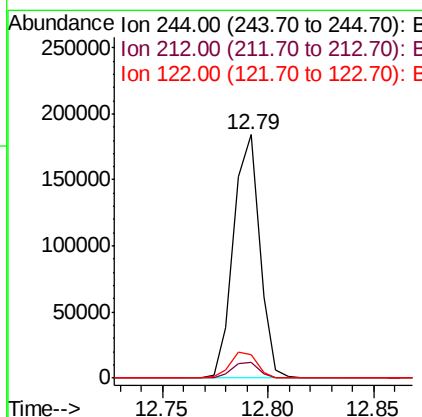
RT: 12.79 min Scan# 1820

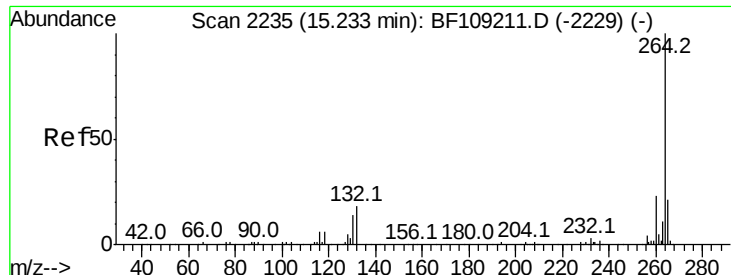
Delta R.T. -0.01 min

Lab File: BF109495.D

Acq: 2 Oct 2018 12:35

Tgt Ion:	244	Resp:	157408
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	9.7	11.0	16.4#





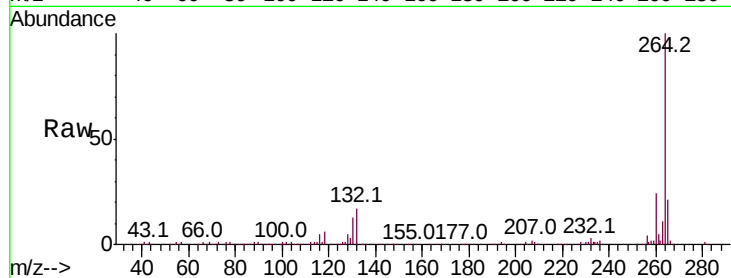
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109495.D
 Acq: 2 Oct 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion:	264	Resp:	270110
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
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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

