

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
 Data File : BF113050.D
 Acq On : 14 Mar 2019 15:28
 Operator : JU/SJ
 Sample : K1866-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-15-COMP

Manual Integrations
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 3/15/2019 10:03:25 AM

Quant Time: Mar 15 07:13:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	214372	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	813624	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	391320	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	816049	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	772501	20.00	ng	0.00
87) Perylene-d12	15.27	264	793085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1383411	100.38	ng	0.00
7) Phenol-d6	6.37	99	1815594	104.88	ng	0.00
23) Nitrobenzene-d5	7.29	82	1129980	83.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	564373	135.85	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1892952	78.56	ng	0.00
79) Terphenyl-d14	12.82	244	2101923	52.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	206616	7.161	ng	100
71) Phenanthrene	11.26	178	102583	2.527	ng	98
75) Fluoranthene	12.44	202	206332	4.743	ng	97
78) Pyrene	12.67	202	199341	3.061	ng	96
88) Benzo(b)fluoranthene	14.87	252	128271m	2.500	ng	

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

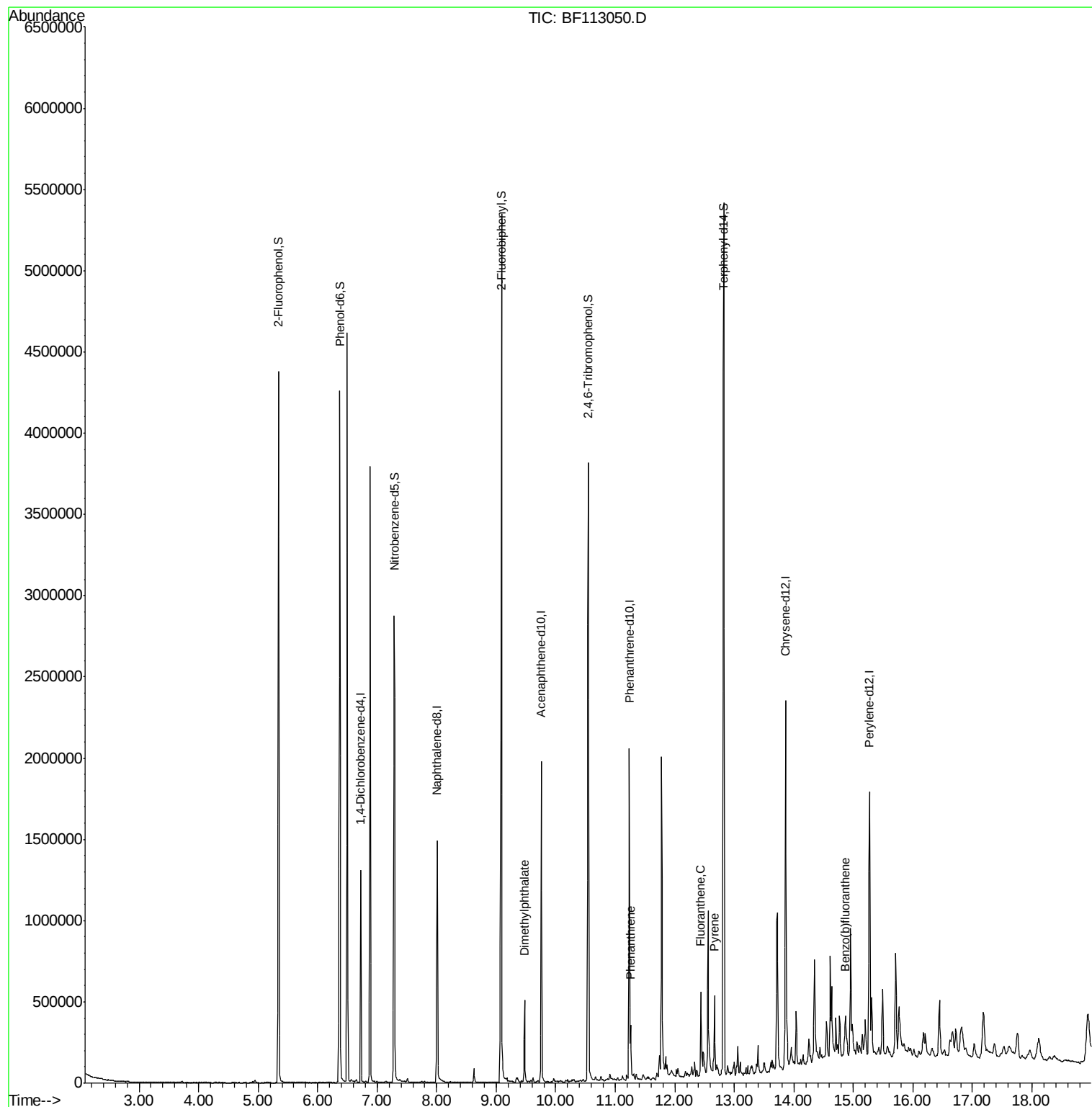
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
Data File : BF113050.D
Acq On : 14 Mar 2019 15:28
Operator : JU/SJ
Sample : K1866-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

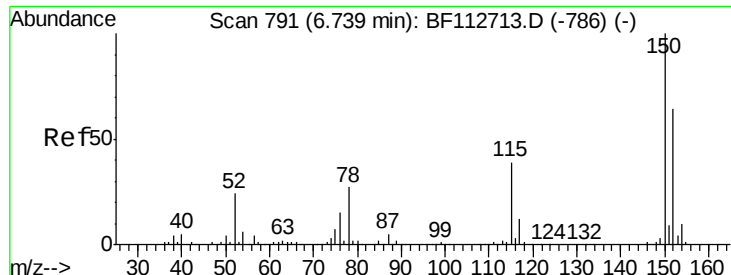
Instrument :
BNA_F
ClientSampleId :
MR-MH-15-COMP

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#1

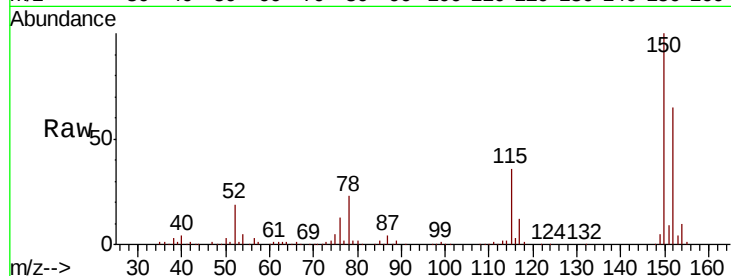
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Instrument :
BNA_F
ClientSampleId :
MR-MH-15-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.2	186.2
115	55.6	48.2	72.4

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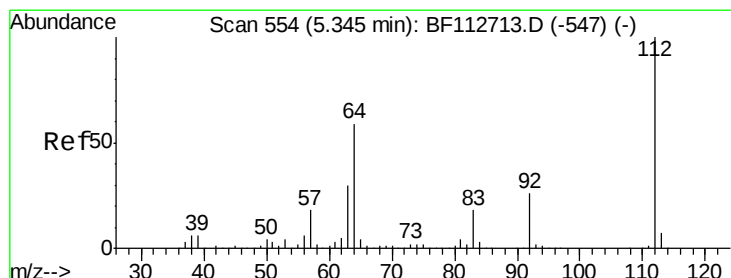
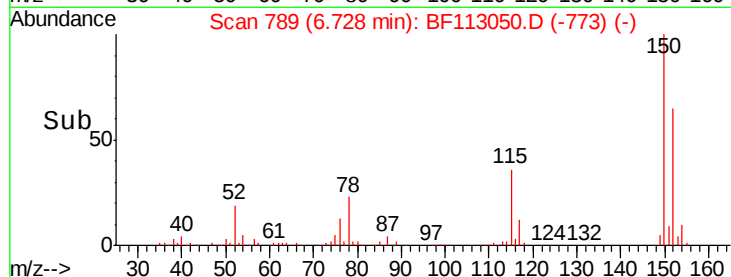
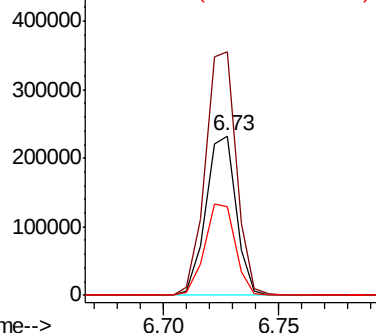


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

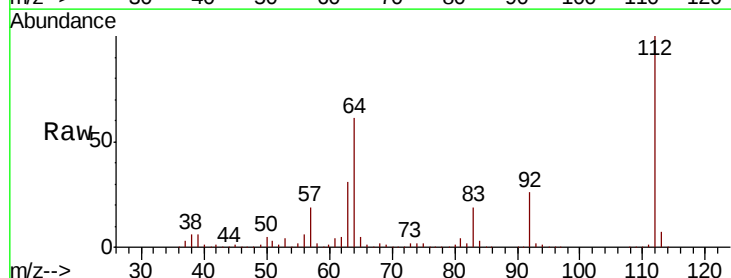
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.384 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.6	71.4
63	31.3	24.4	36.6

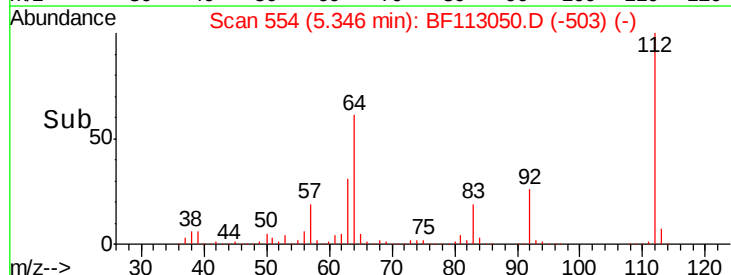
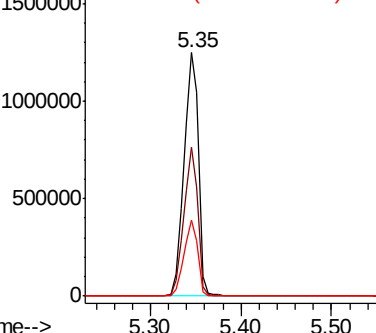


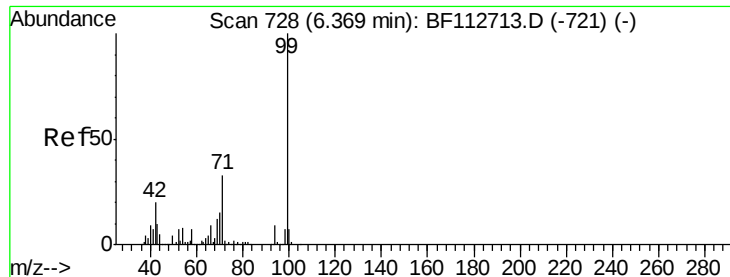
Abundance

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: 104.878 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113050.D

Acq: 14 Mar 2019 15:28

Instrument :

BNA_F

ClientSampleId :

MR-MH-15-COMP

Tot Ion: 99 Resp: 1815594

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

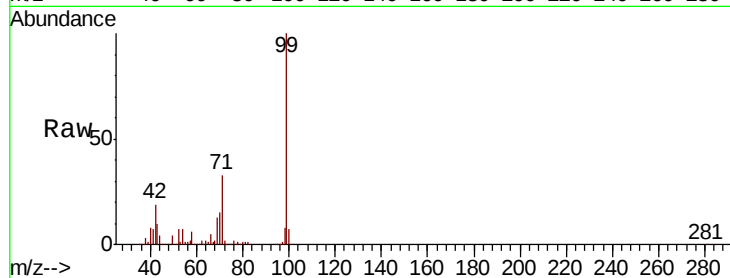
71 32.6 26.2 39.4

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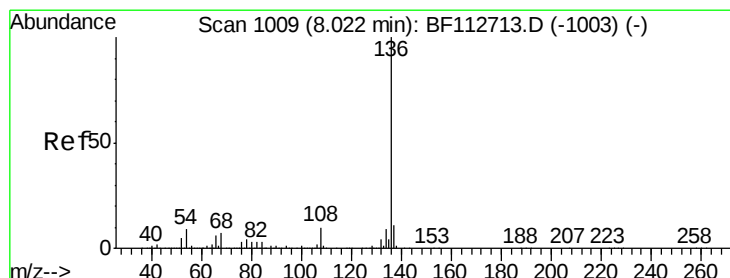
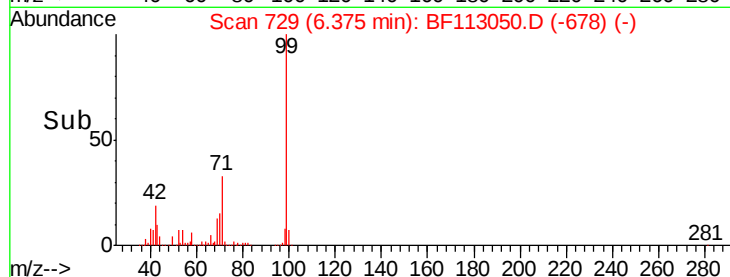
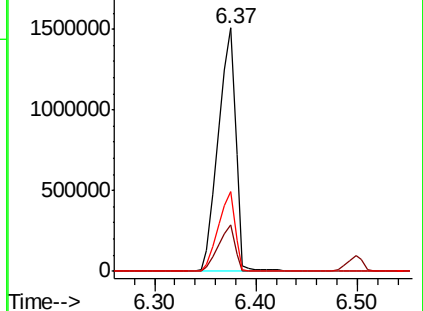
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113050.D

Acq: 14 Mar 2019 15:28

Tgt Ion: 136 Resp: 813624

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 7.3 10.9

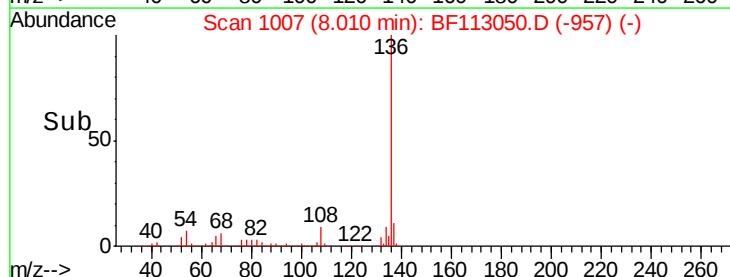
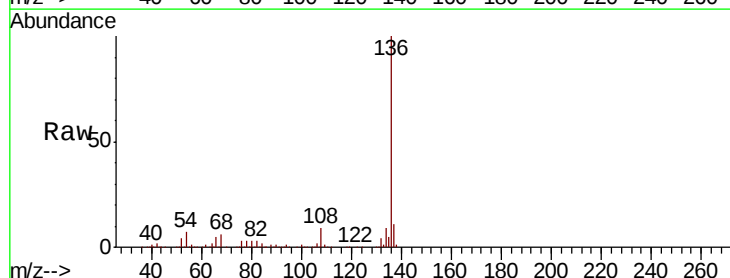
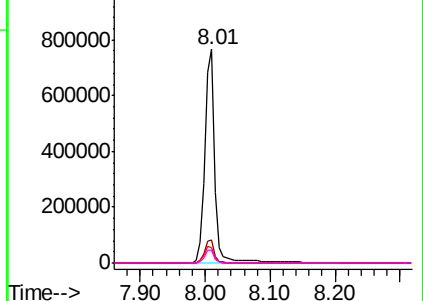
68 5.8 5.4 8.2

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





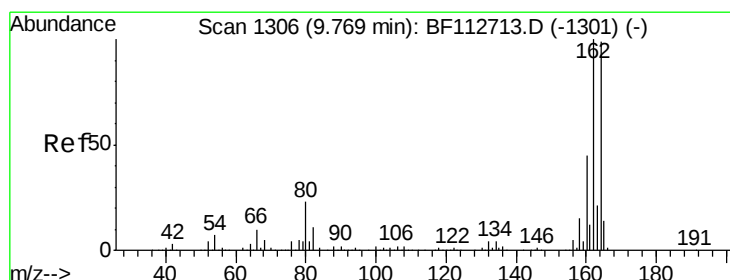
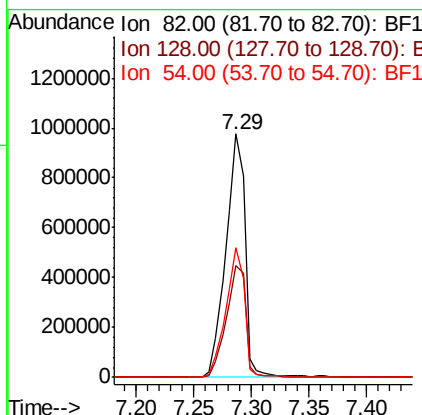
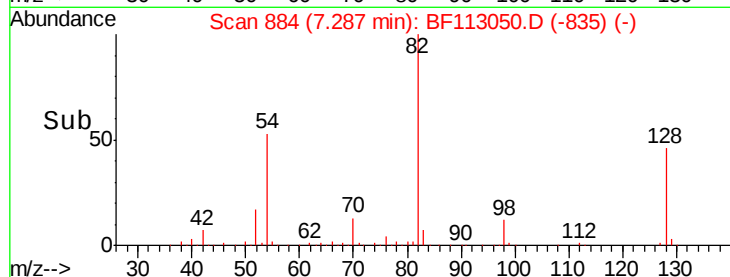
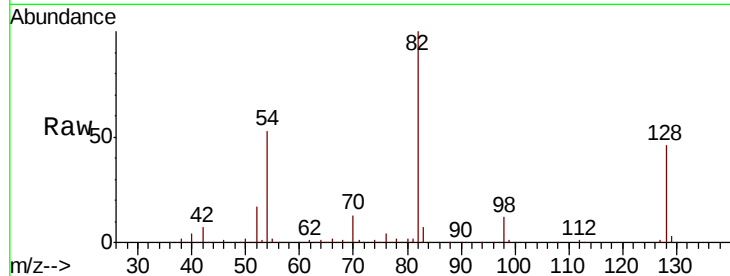
#23
Nitrobenzene-d5
Concen: 83.104 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Instrument :
BNA_F
ClientSampleId :
MR-MH-15-COMP

Tot Ion: 82 Resp: 1129980
Ion Ratio Lower Upper
82 100
128 45.9 36.3 54.5
54 53.4 43.7 65.5

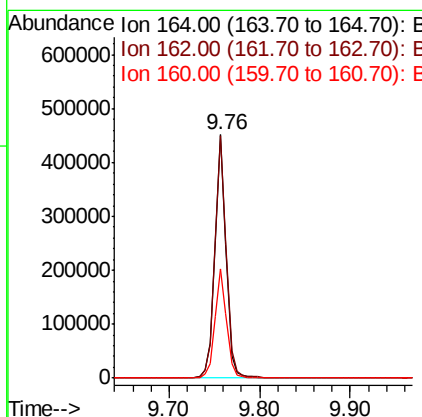
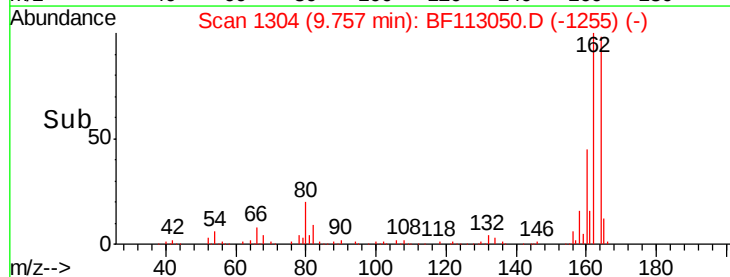
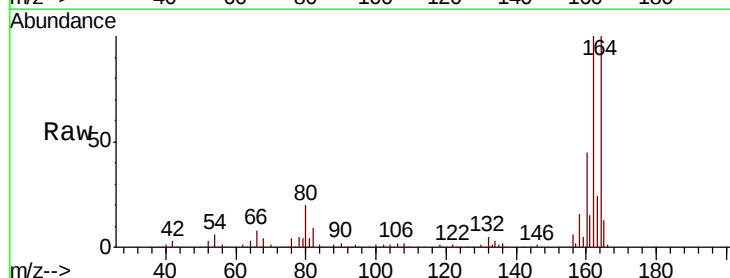
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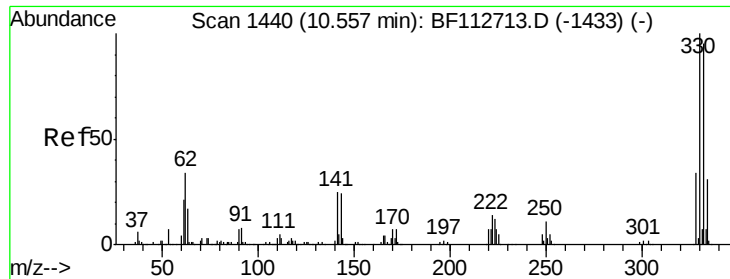
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Tgt Ion: 164 Resp: 391320
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.9 36.0 54.0





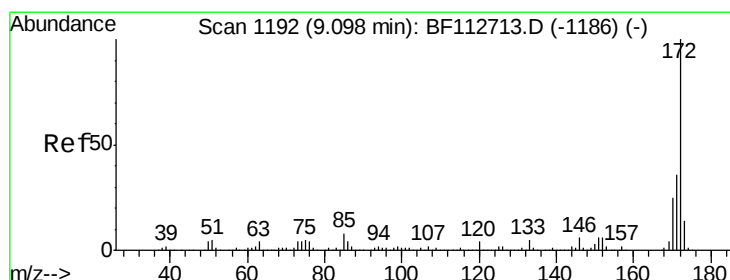
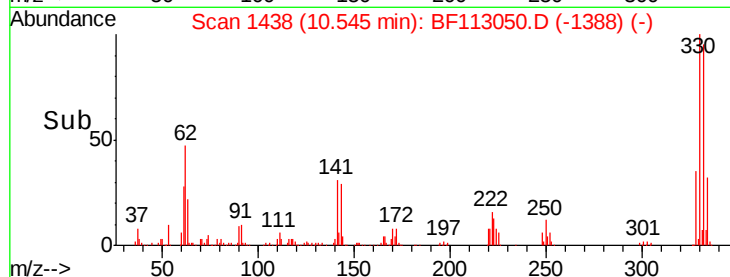
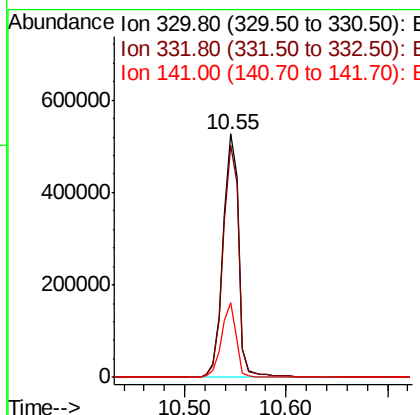
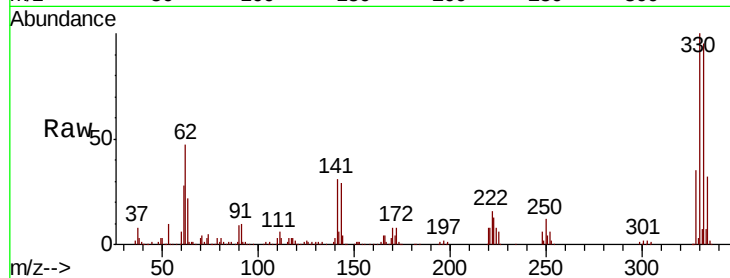
#42
 2,4,6-Tribromophenol
 Concen: 135.851 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113050.D
 Acq: 14 Mar 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-15-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	564373		
332	95.9	76.2	114.4	
141	28.8	27.0	40.6	

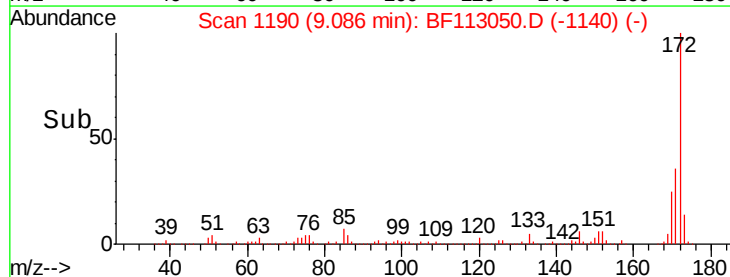
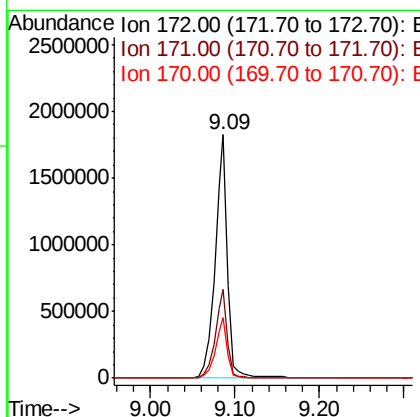
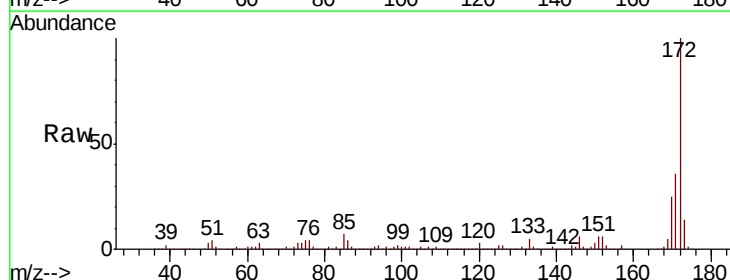
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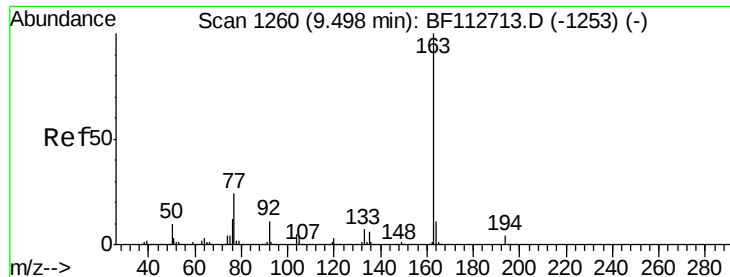
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#45
 2-Fluorobiphenyl
 Concen: 78.557 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113050.D
 Acq: 14 Mar 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1892952		
171	36.5	29.0	43.4	
170	24.9	20.0	30.0	





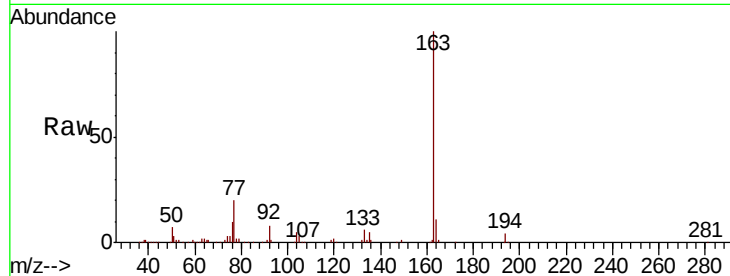
#50
Dimethylphthalate
Concen: 7.161 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Instrument :
BNA_F
ClientSampleId :
MR-MH-15-COMP

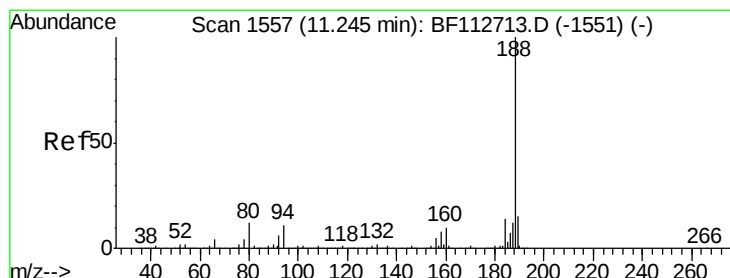
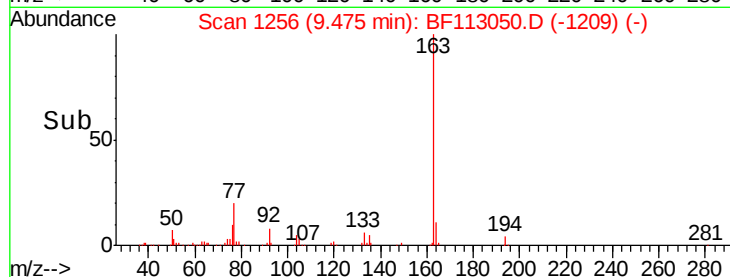
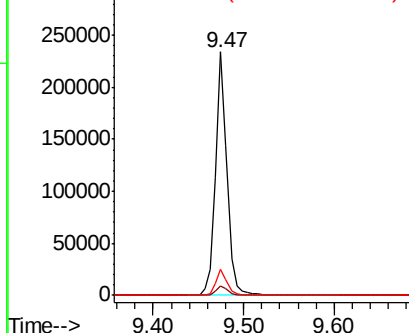
Tot Ion:163	Resp:	206616
Ion Ratio	Lower	Upper
163 100		
194 3.9	3.0	4.4
164 10.7	8.4	12.6

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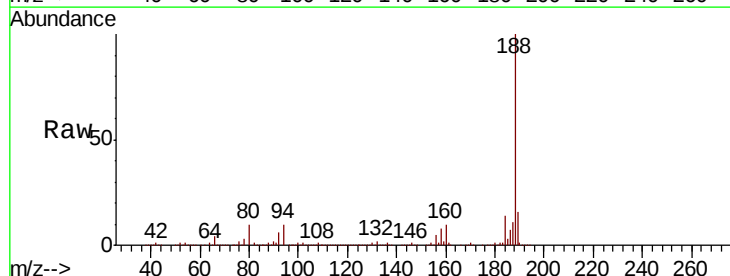


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

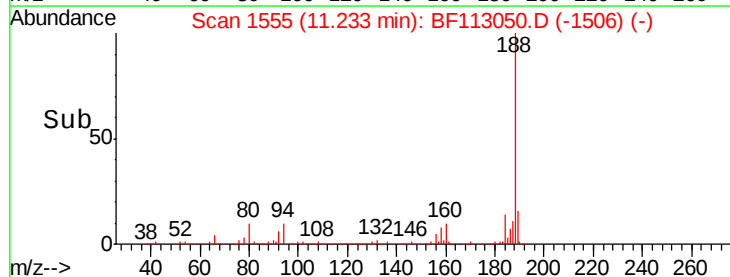
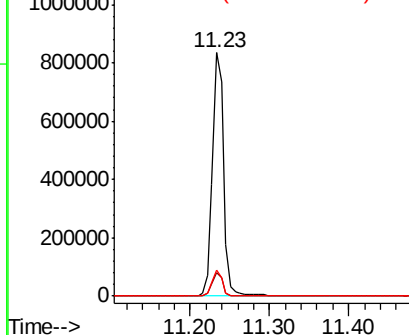


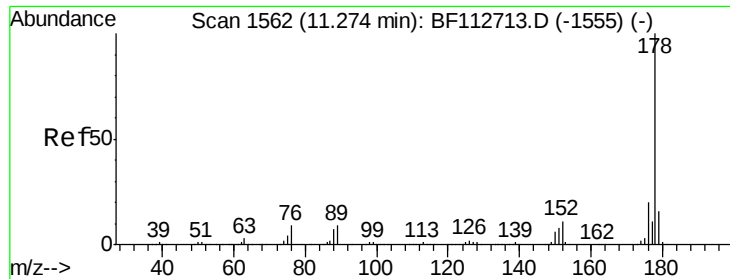
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Tgt Ion:188	Resp:	816049
Ion Ratio	Lower	Upper
188 100		
94 9.8	9.0	13.4
80 10.5	9.2	13.8



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





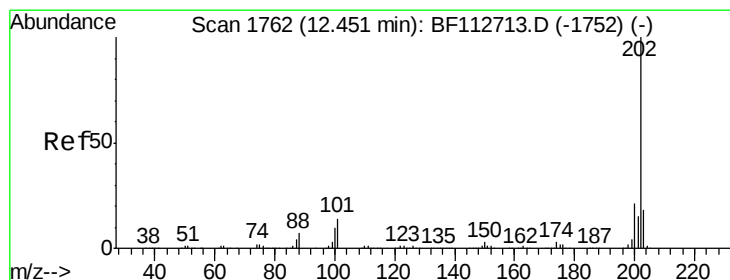
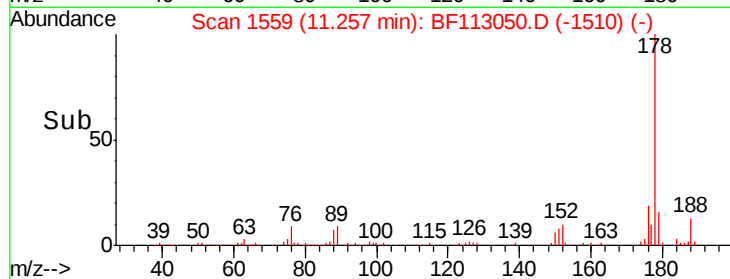
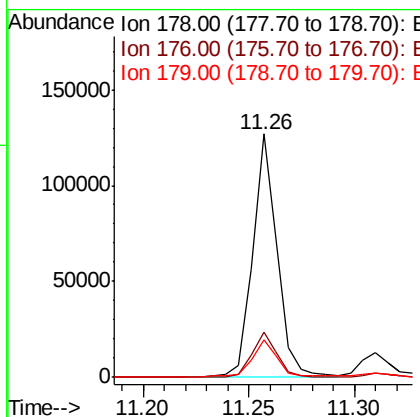
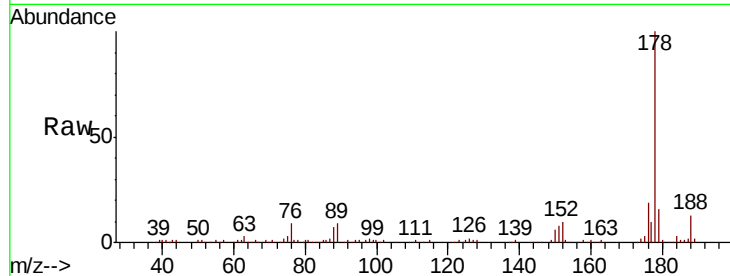
#71
Phenanthrene
Concen: 2.527 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Instrument :
BNA_F
ClientSampleId :
MR-MH-15-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.3	24.5
179	15.7	12.7	19.1

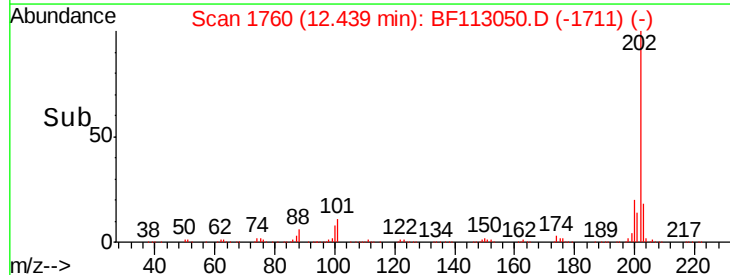
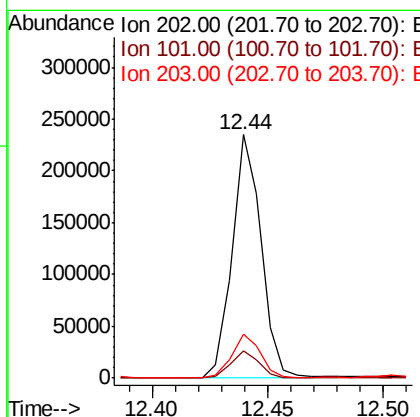
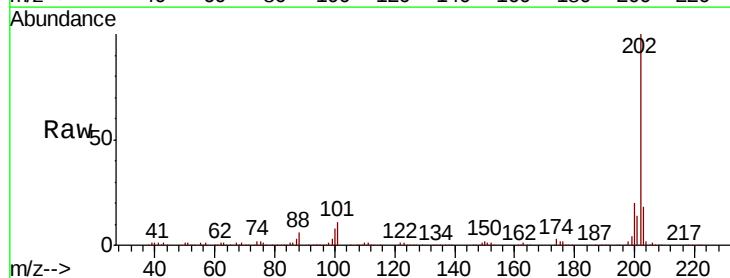
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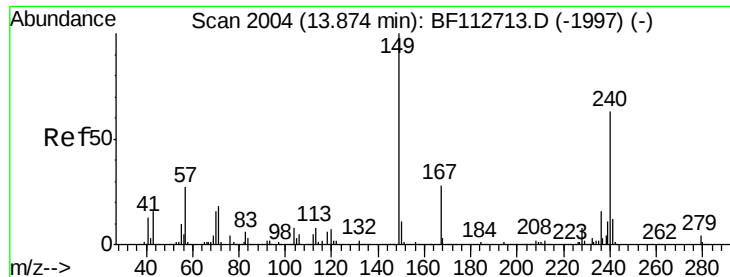
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#75
Fluoranthene
Concen: 4.743 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113050.D
Acq: 14 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.8
203	17.9	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113050.D

Acq: 14 Mar 2019 15:28

Instrument :

BNA_F

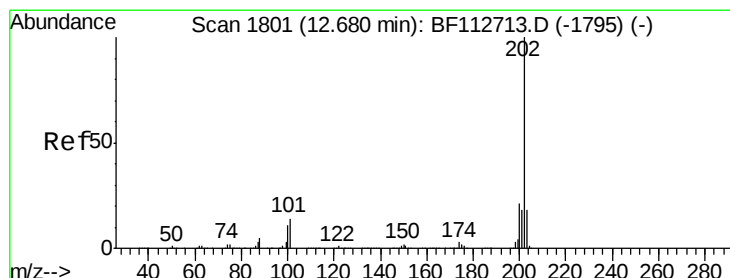
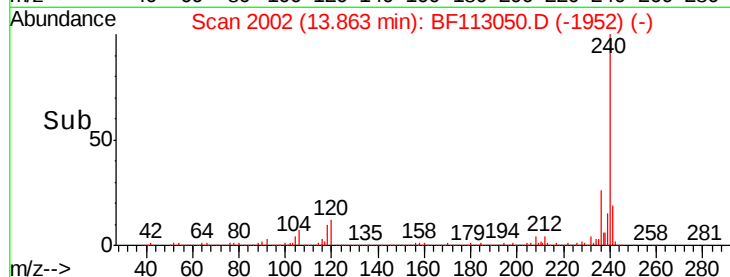
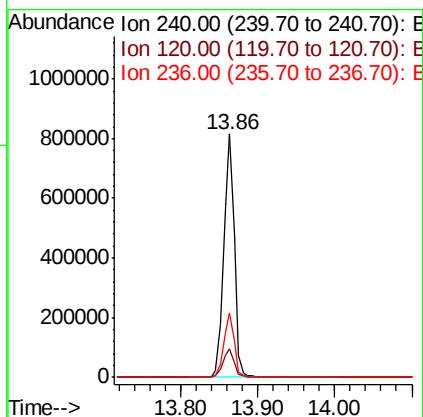
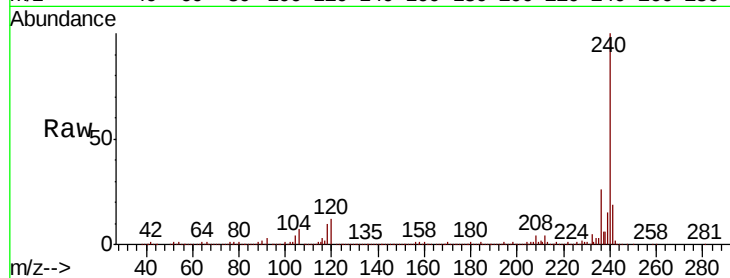
ClientSampleID :

MR-MH-15-COMP

Tot Ion:	240	Resp:	772501
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.9	13.3
236	26.3	20.7	31.1

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#78

Pyrene

Concen: 3.061 ng

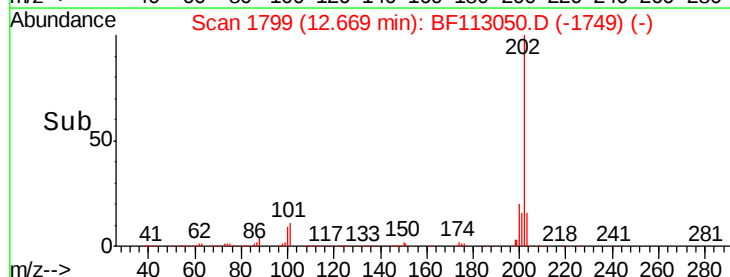
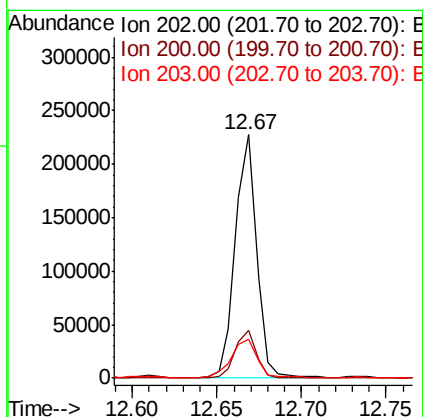
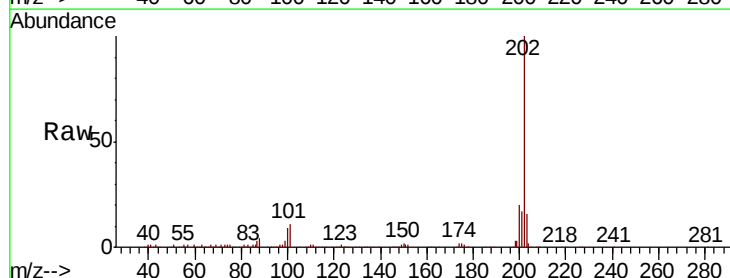
RT: 12.67 min Scan# 1799

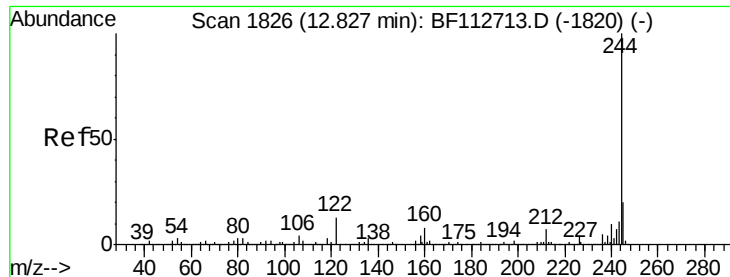
Delta R.T. -0.01 min

Lab File: BF113050.D

Acq: 14 Mar 2019 15:28

Tgt Ion:	202	Resp:	199341
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.0	25.4
203	16.0	14.4	21.6





#79

Terphenyl-d14

Concen: 52.745 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF113050.D

Acq: 14 Mar 2019 15:28

Instrument :

BNA_F

ClientSampled :

MR-MH-15-COMP

Tot Ion:244 Resp: 2101923

Ion Ratio Lower Upper

244 100

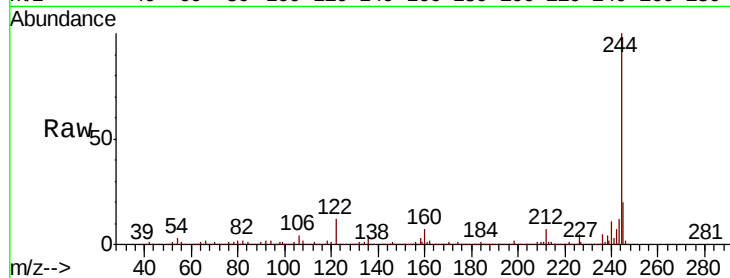
212 7.0 5.6 8.4

122 11.7 10.5 15.7

Manual Integrations
APPROVED

Sohil

3/15/2019 10:03:25 AM

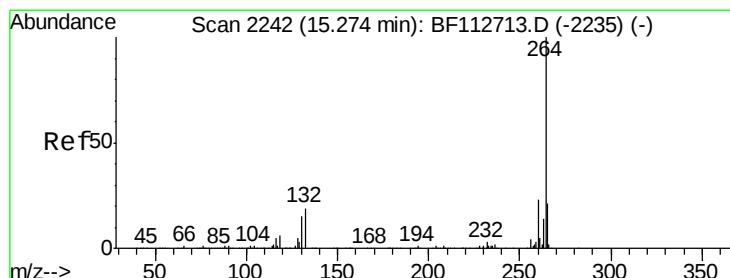
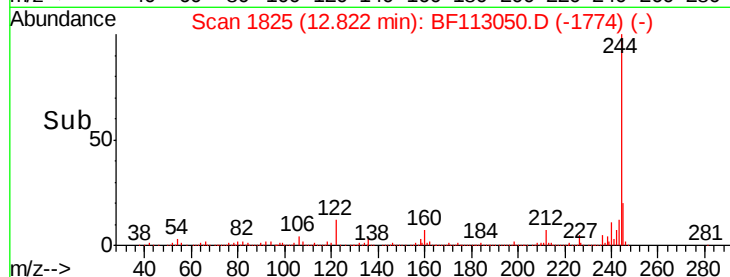
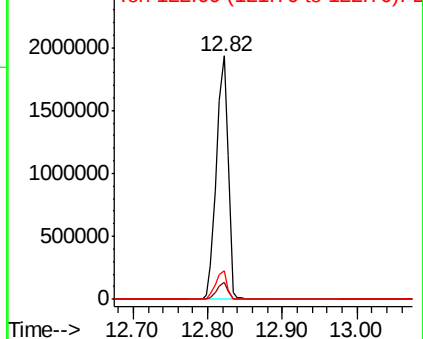


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113050.D

Acq: 14 Mar 2019 15:28

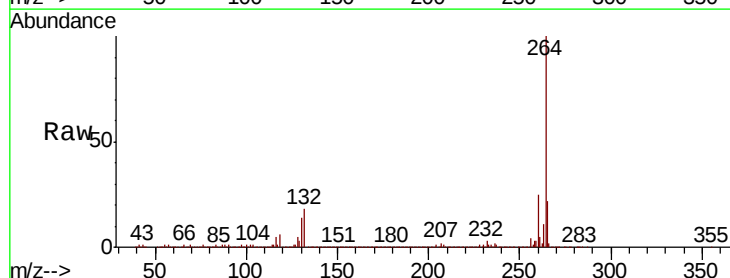
Tgt Ion:264 Resp: 793085

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.8 17.2 25.8

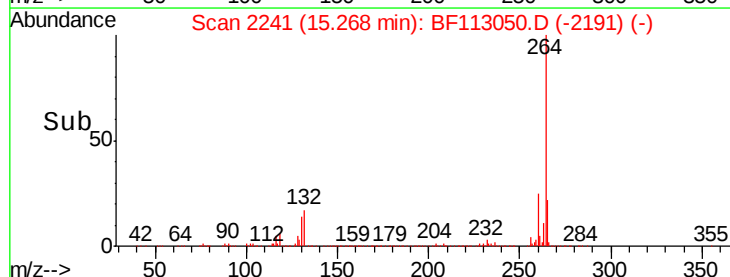
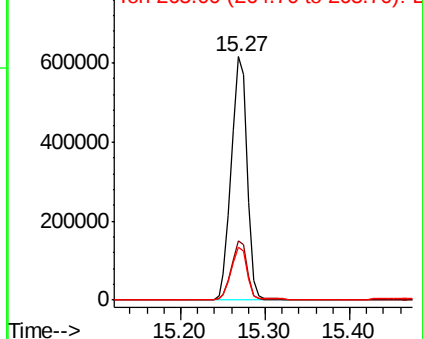


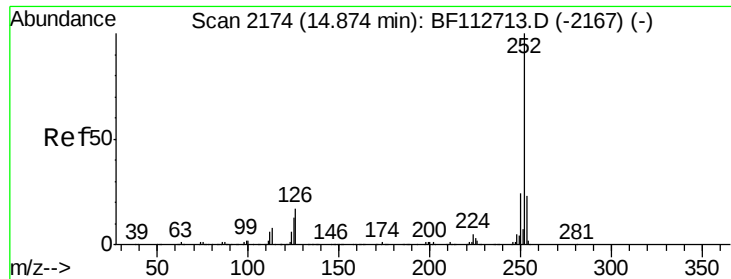
Abundance

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: 2.500 ng m

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF113050.D

Acq: 14 Mar 2019 15:28

Instrument :

BNA_F

ClientSampleId :

MR-MH-15-COMP

Tot Ion:	252	Resp:	128271
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	11.5	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/15/2019 10:03:25 AM

