

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113391.D
 Acq On : 28 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K2121-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Mar 29 09:23:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161025	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	654184	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	308690	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	560046	20.00	ng	0.00
76) Chrysene-d12	13.84	240	419673	20.00	ng	0.00
87) Perylene-d12	15.24	264	435577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	30549	3.10	ng	0.00
7) Phenol-d6	6.36	99	28988	2.33	ng	0.00
23) Nitrobenzene-d5	7.26	82	64133	5.82	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	29611	7.77	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	127997	6.72	ng	-0.01

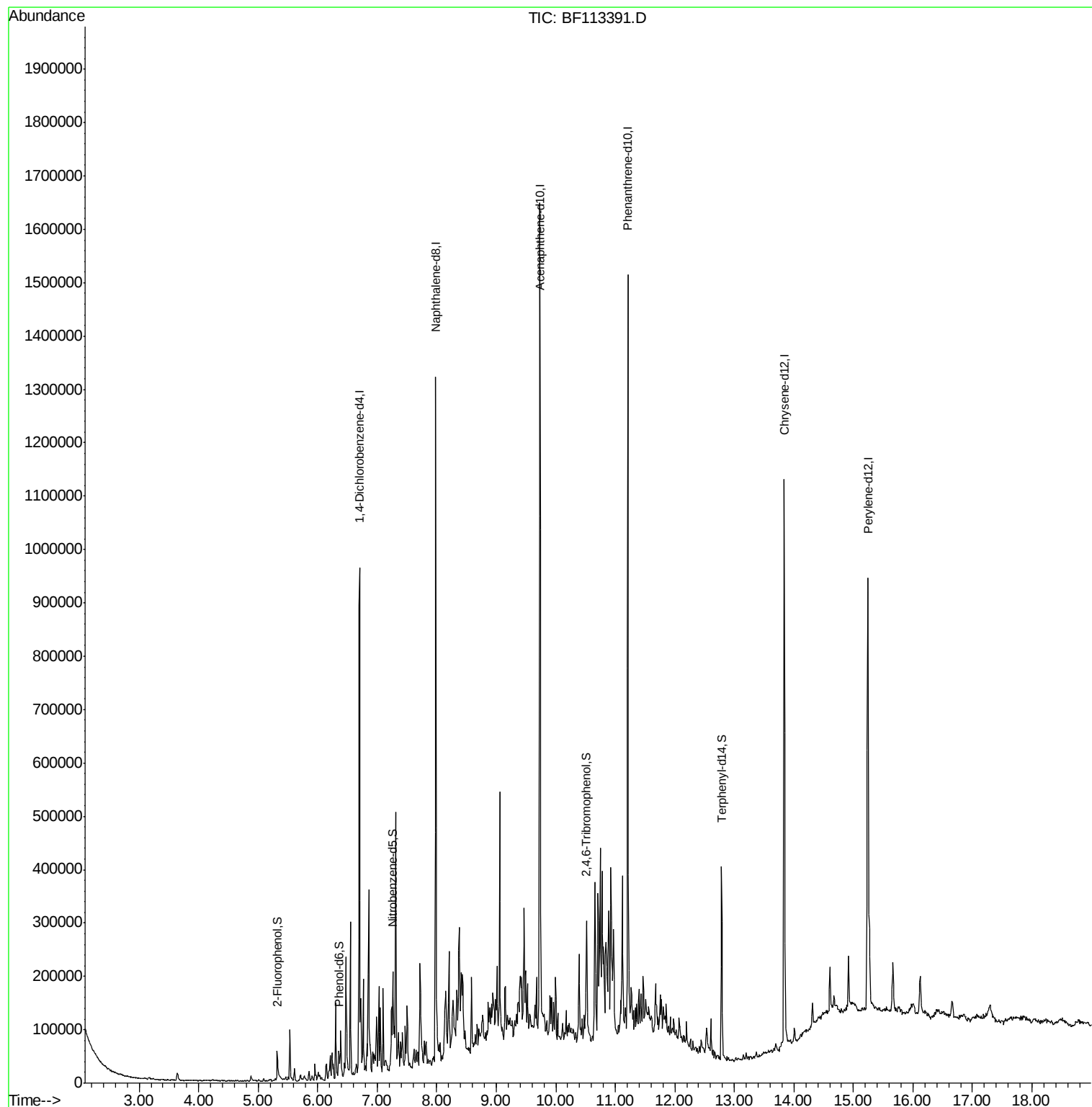
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Instrument :

BNA_F

ClientSampleId :

MW-11

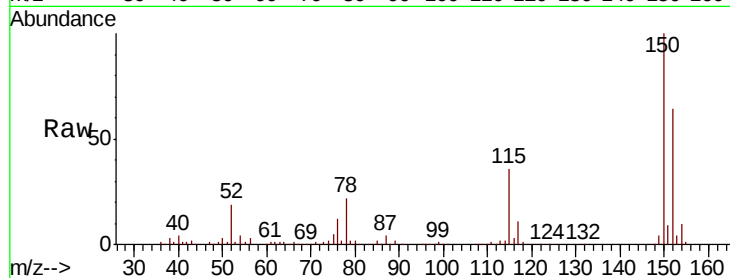
Tot Ion:152 Resp: 161025

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

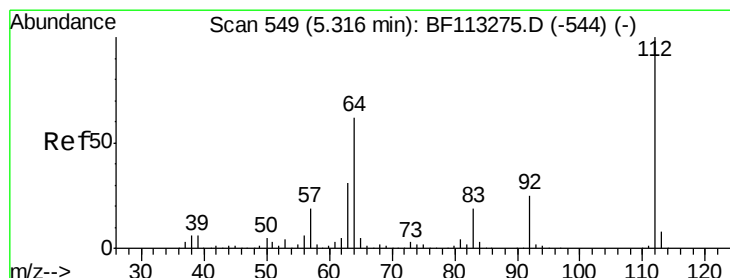
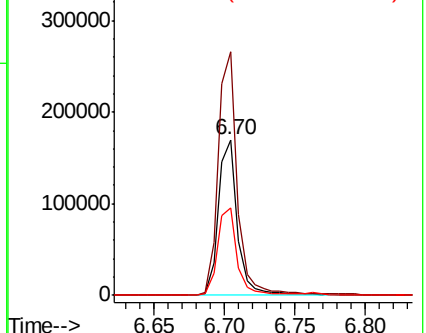
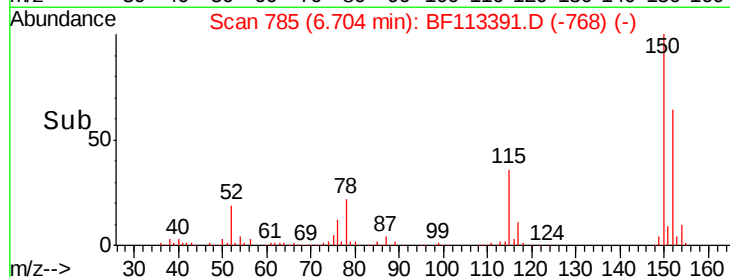
115 55.7 46.0 69.0



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: 3.102 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

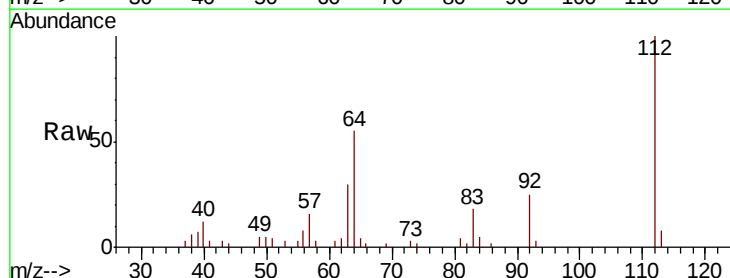
Tgt Ion:112 Resp: 30549

Ion Ratio Lower Upper

112 100

64 55.3 49.2 73.8

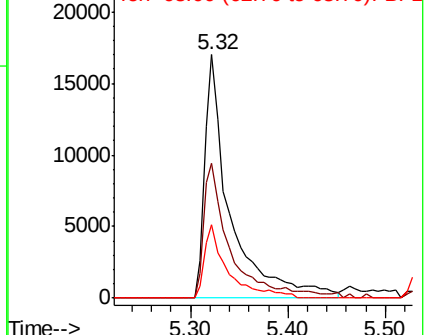
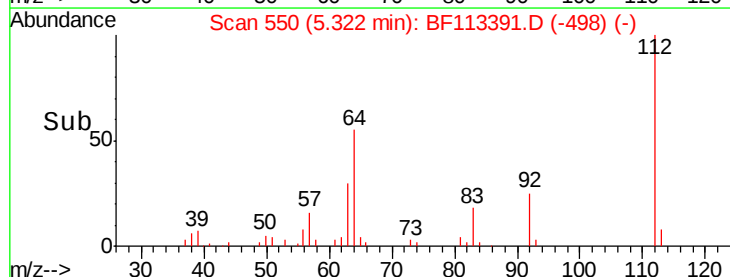
63 30.2 24.9 37.3



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: 2.327 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Instrument :

BNA_F

ClientSampleId :

MW-11

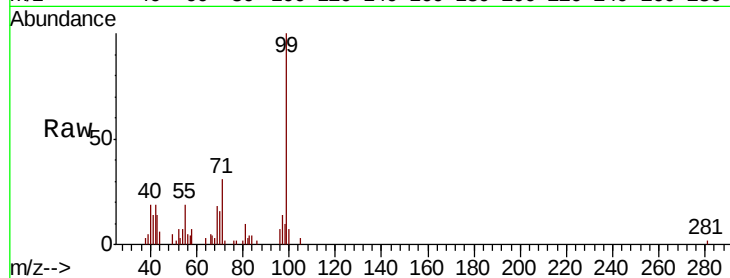
Tot Ion: 99 Resp: 28988

Ion Ratio Lower Upper

99 100

42 19.5 14.8 22.2

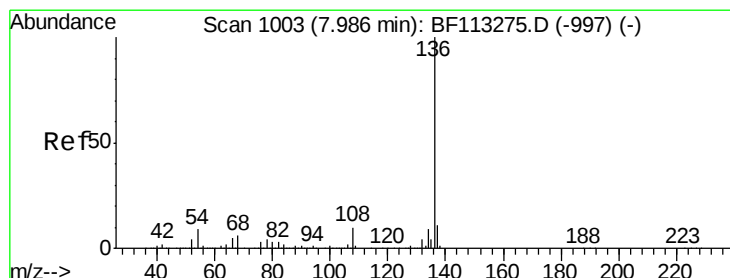
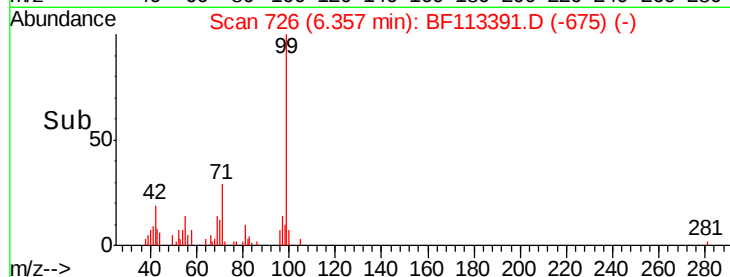
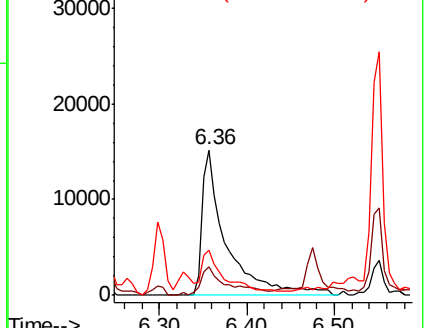
71 31.4 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Tgt Ion: 136 Resp: 654184

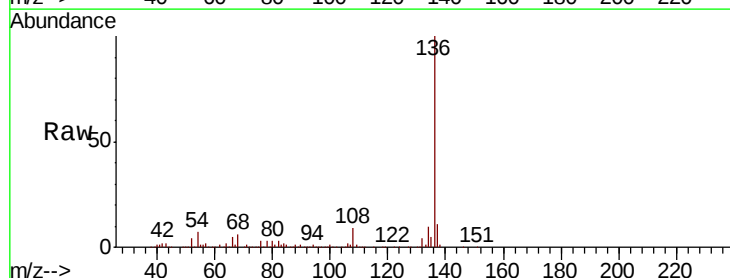
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 7.0 10.6

68 5.8 4.8 7.2

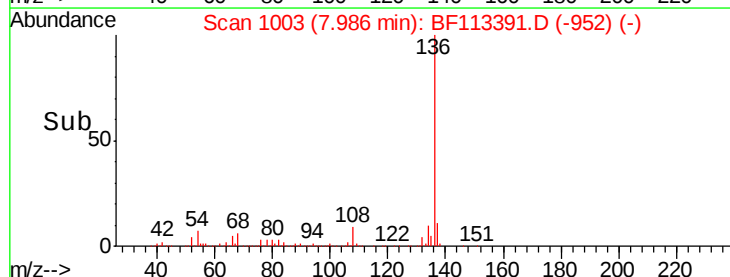
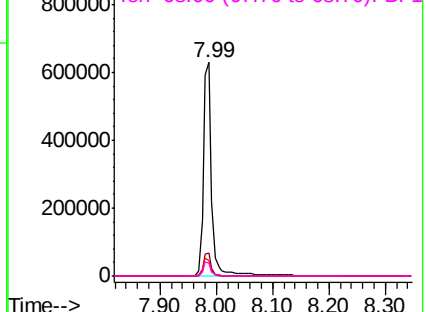


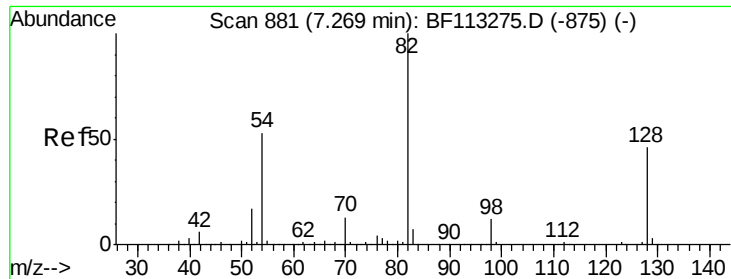
Abundance Ion 136.00 (135.70 to 136.70): E

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

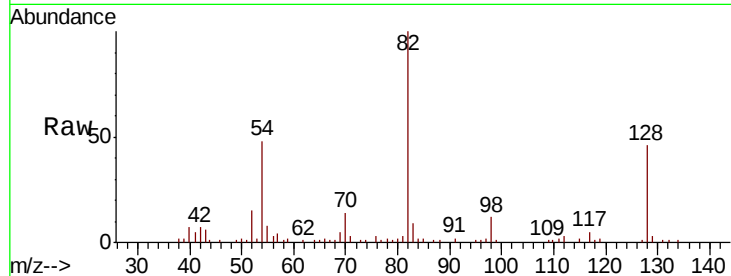




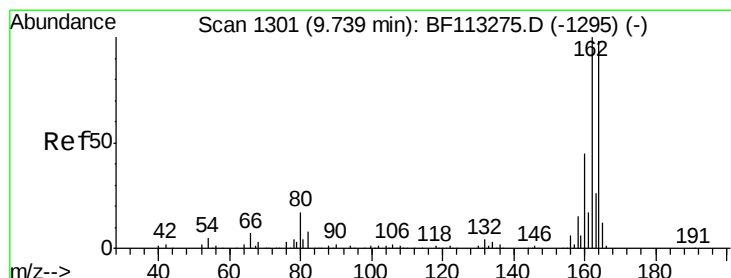
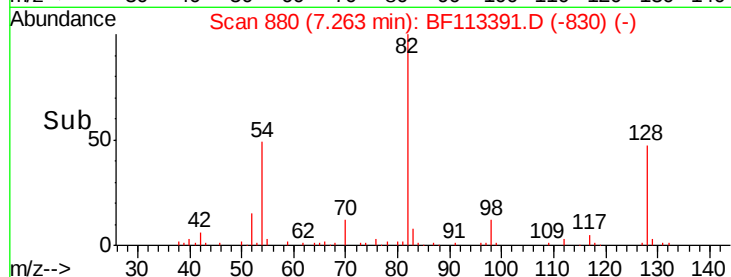
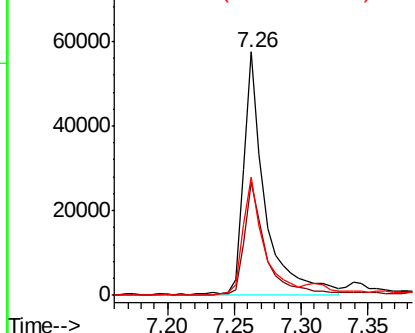
#23
Nitrobenzene-d5
Concen: 5.819 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	82	Resp	64133
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.5	54.7
54	48.5	42.2	63.2

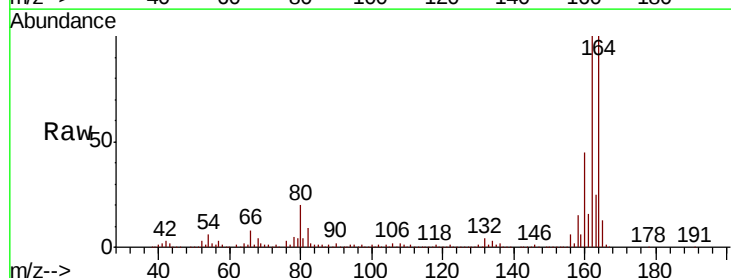


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

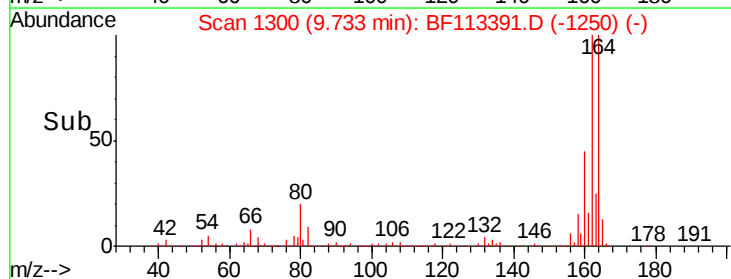
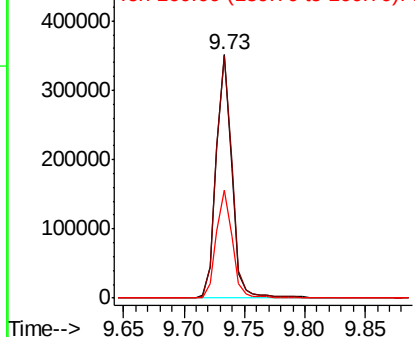


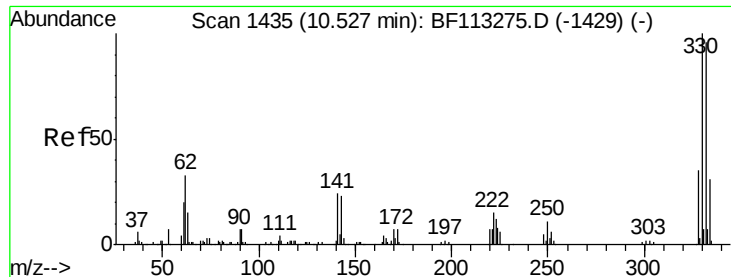
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion	164	Resp	308690
Ion Ratio	Lower	Upper	
164	100		
162	99.7	81.8	122.6
160	44.6	36.4	54.6



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





#42

2,4,6-Tribromophenol

Concen: 7.766 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Instrument :

BNA_F

ClientSampleId :

MW-11

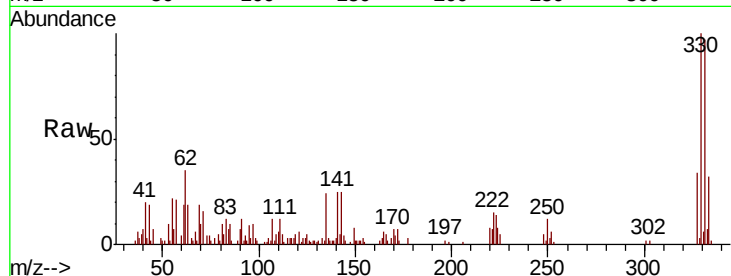
Tot Ion:330 Resp: 29611

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

141 34.7 22.7 34.1#

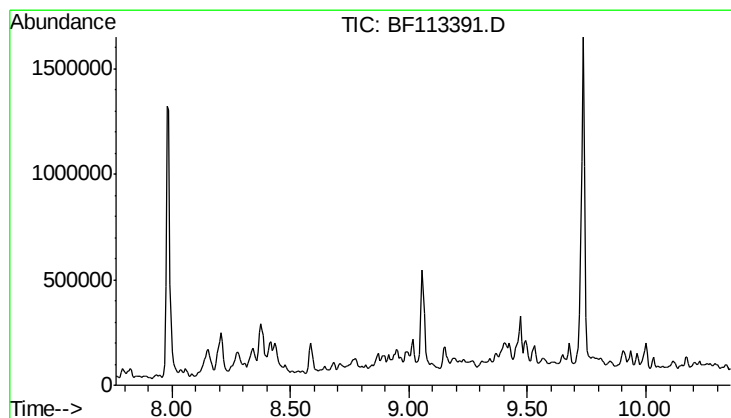
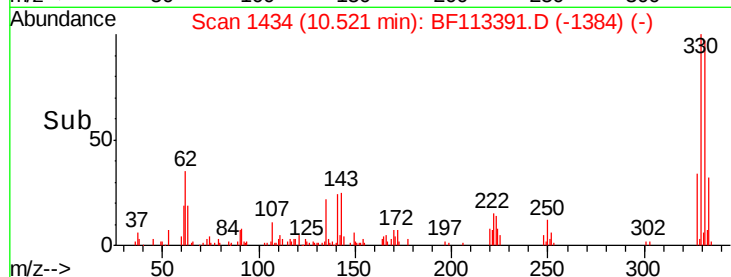
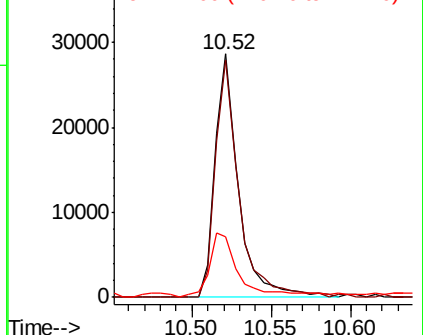


Abundance

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



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.06 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

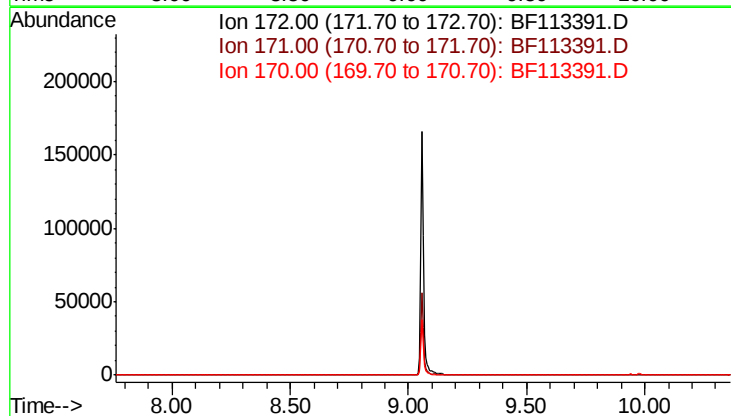
Tgt Ion: 172

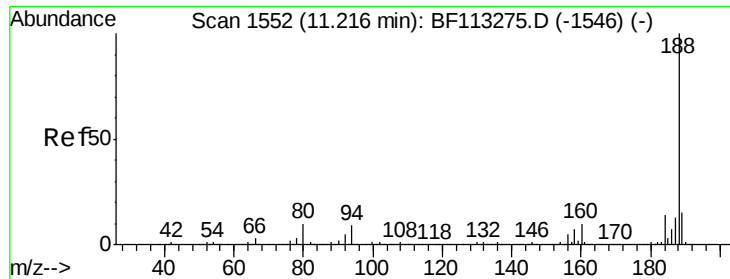
Sig Exp Ratio

172 100

171 36.3

170 24.4

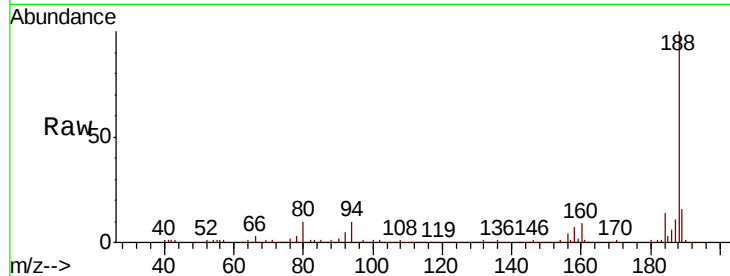




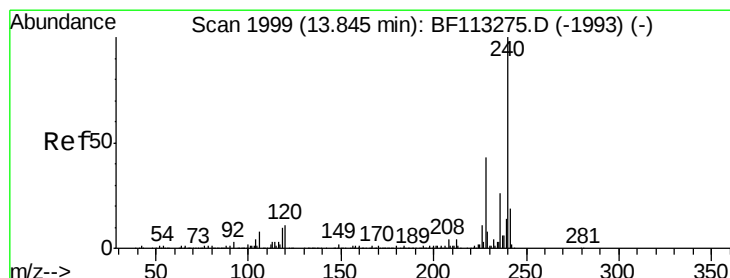
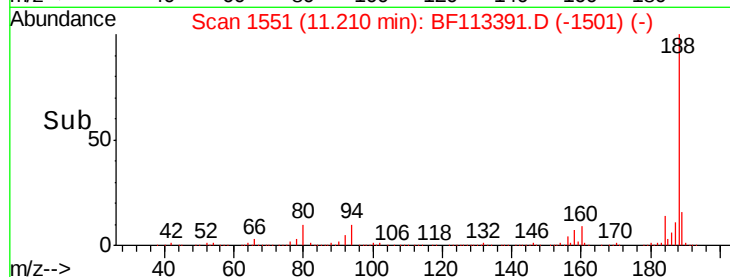
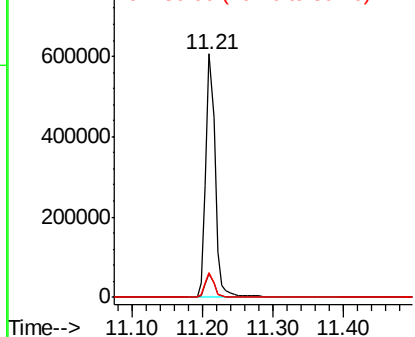
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:188 Resp: 560046
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.1 7.7 11.5

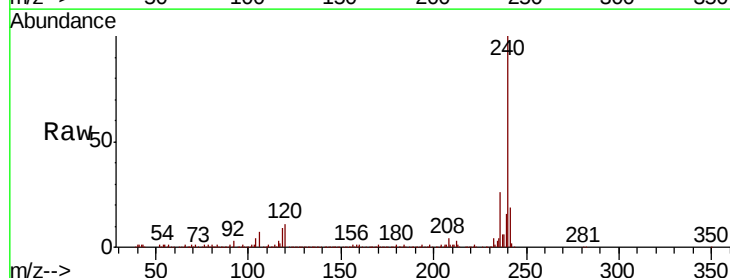


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

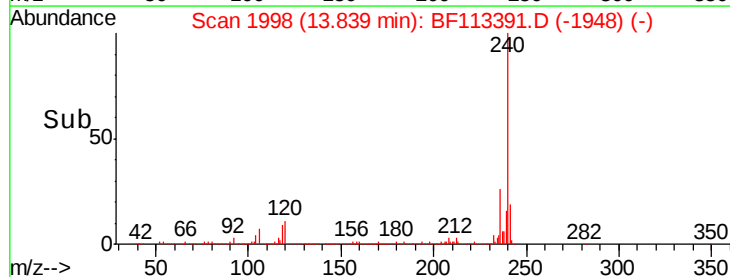
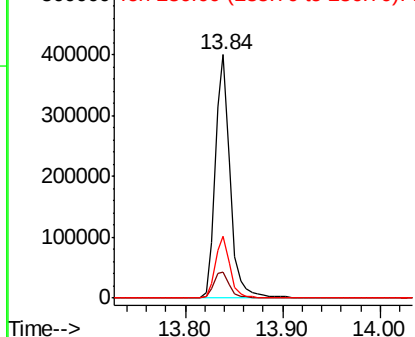


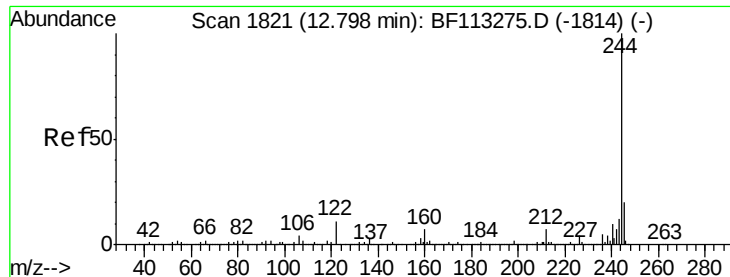
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:240 Resp: 419673
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.6 20.9 31.3



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





#79

Terphenyl-d14

Concen: 6.723 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Instrument :

BNA_F

ClientSampleId :

MW-11

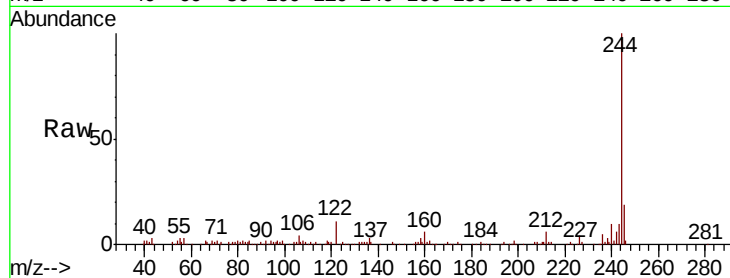
Tot Ion:244 Resp: 127997

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

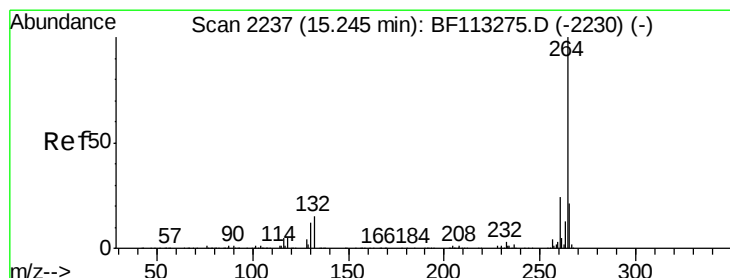
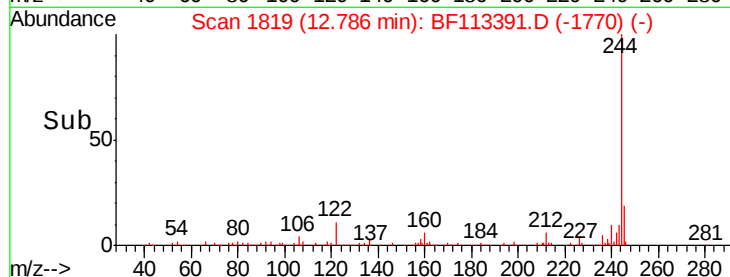
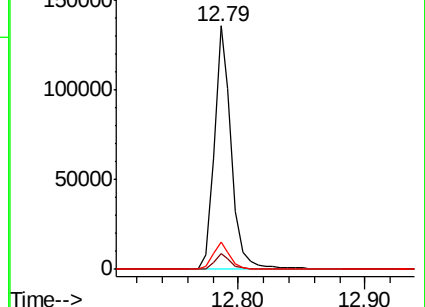
122 11.4 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

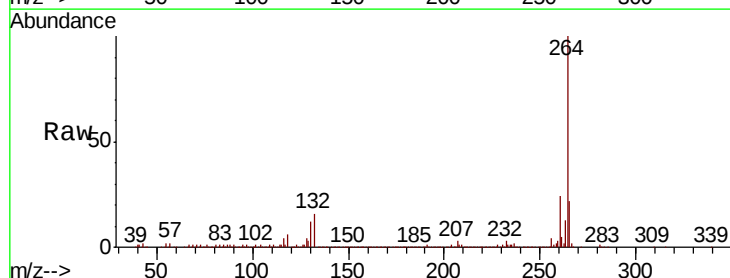
Tgt Ion:264 Resp: 435577

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 17.1 25.7



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

