

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115491.D
 Acq On : 11 Jul 2019 8:26
 Operator : HP/JU
 Sample : K3716-07 100X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SQUARE-BLOCK

Quant Time: Jul 11 09:15:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	127864	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	530095	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	253141	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	454505	20.00	ng	0.00
76) Chrysene-d12	14.05	240	348739	20.00	ng	-0.02
87) Perylene-d12	15.53	264	396410	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	4512	0.55	ng	-0.01
7) Phenol-d6	6.50	99	7467	0.71	ng	-0.02
23) Nitrobenzene-d5	7.45	82	4348	0.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1433	0.51	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	12125	0.84	ng	0.00
79) Terphenyl-d14	13.00	244	11479	0.67	ng	-0.01

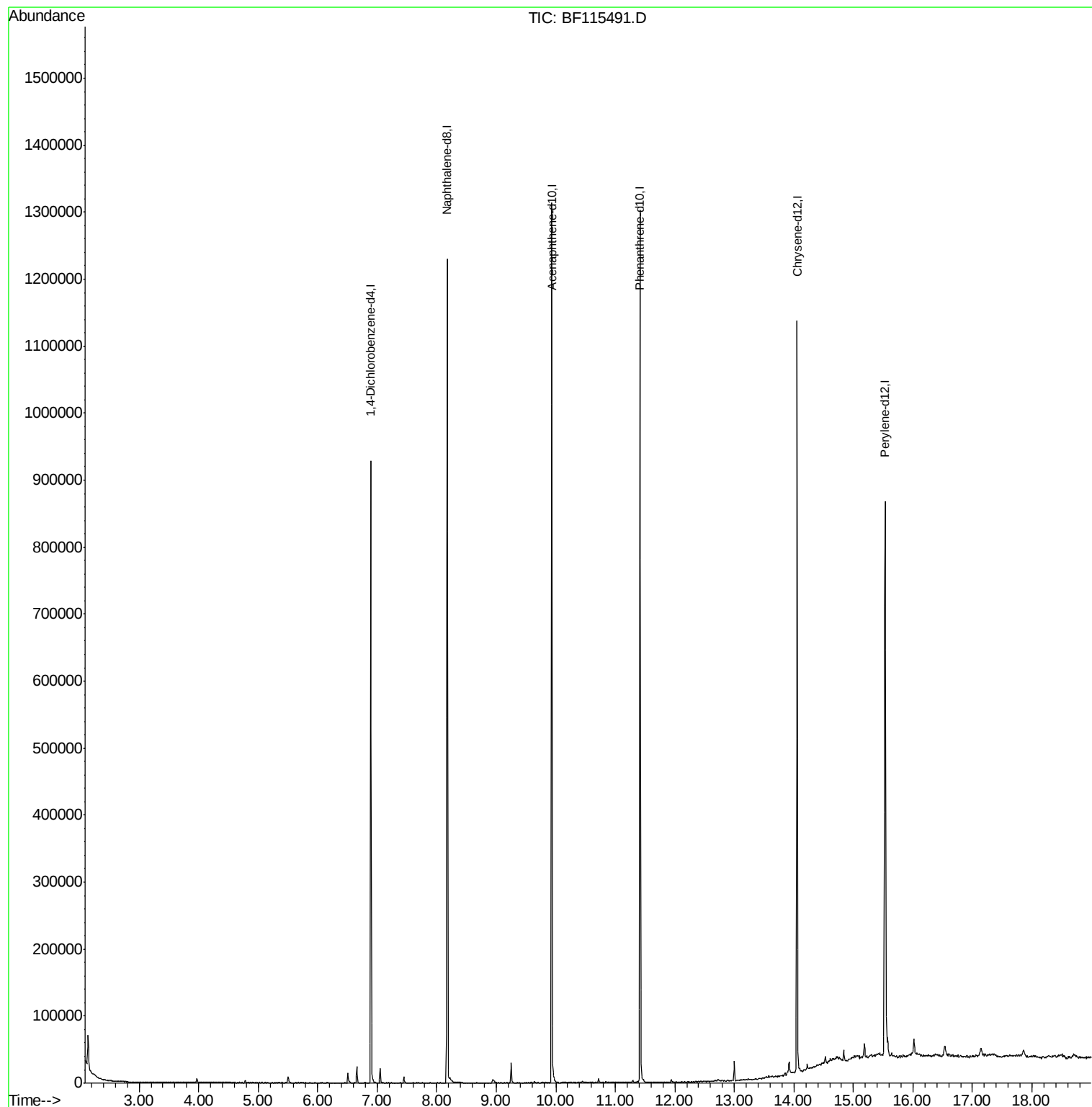
Target Compounds	Qvalue
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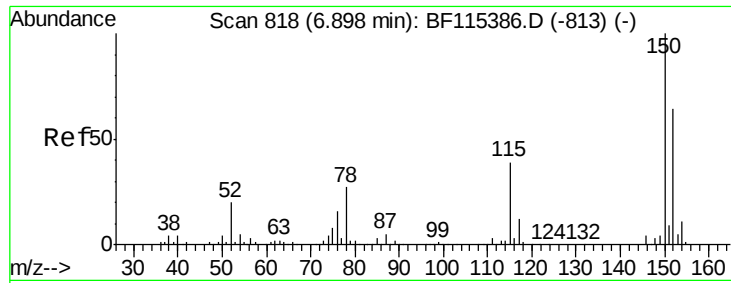
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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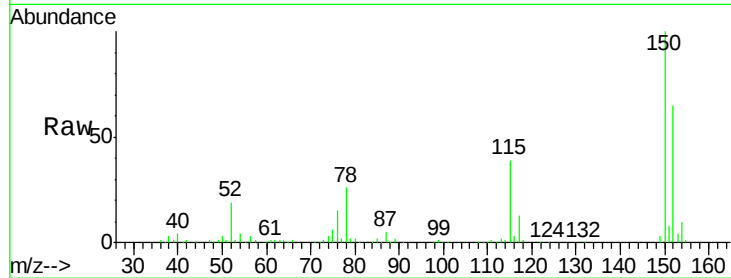


#1

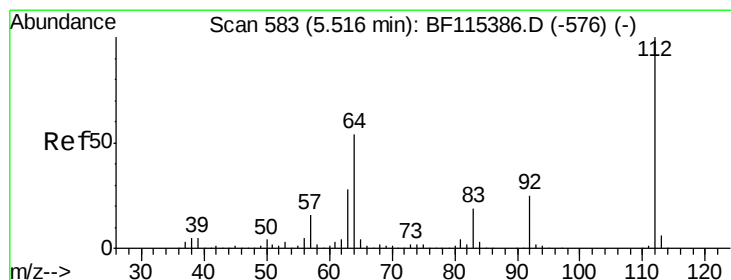
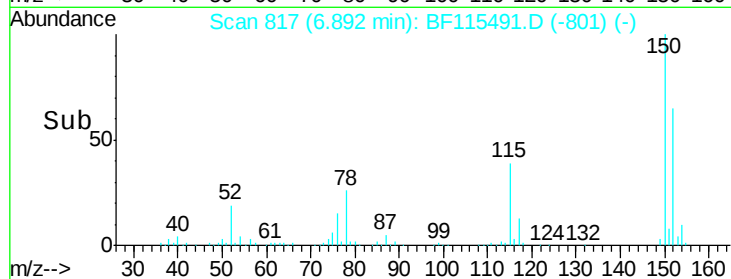
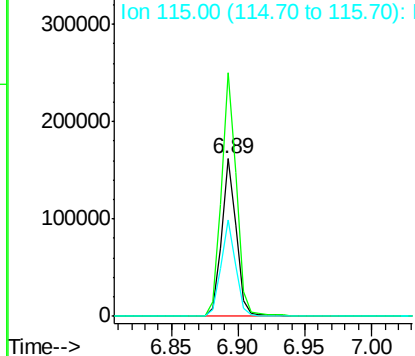
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115491.D
 Acq: 11 Jul 2019 8:26

Instrument :
 BNA_F
 ClientSampleId :
 SQUARE-BLOCK

Tgt Ion:152 Resp: 127864
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.4 191.2
 115 61.0 46.2 69.4



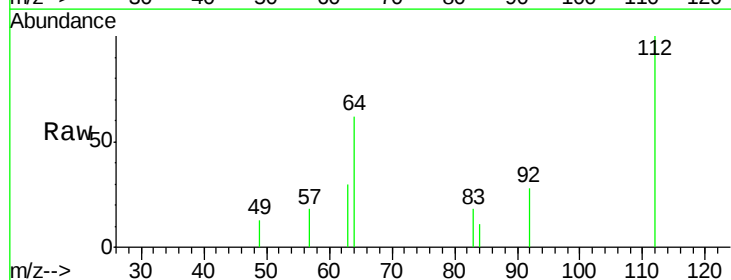
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



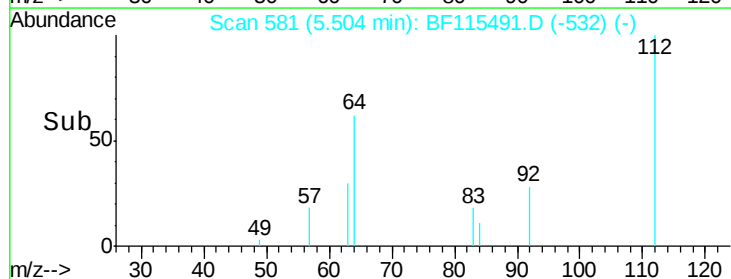
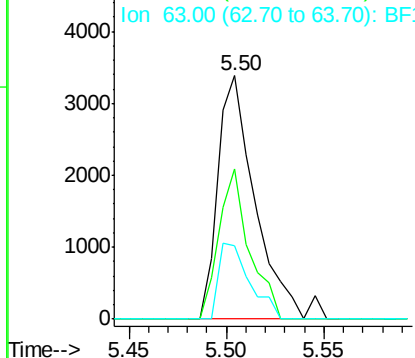
#5

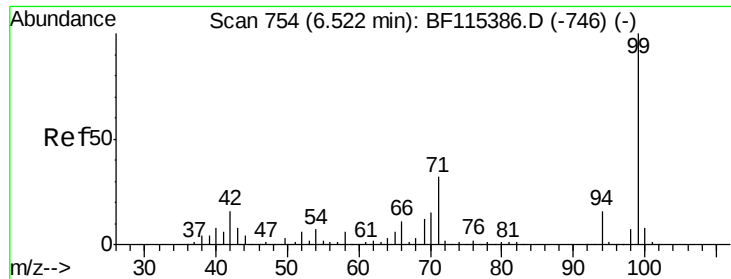
2-Fluorophenol
 Concen: 0.545 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF115491.D
 Acq: 11 Jul 2019 8:26

Tgt Ion:112 Resp: 4512
 Ion Ratio Lower Upper
 112 100
 64 61.8 44.2 66.2
 63 30.3 22.1 33.1



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: 0.709 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF115491.D

Acq: 11 Jul 2019 8:26

Instrument :

BNA_F

ClientSampleId :

SQUARE-BLOCK

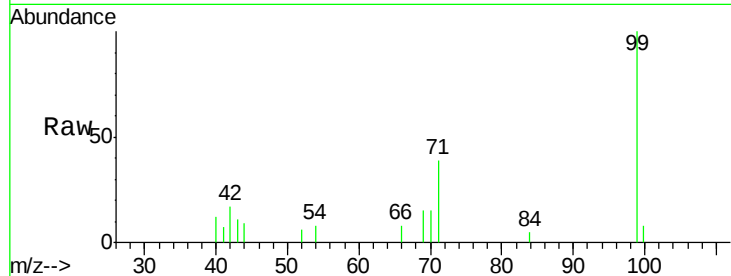
Tgt Ion: 99 Resp: 7467

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

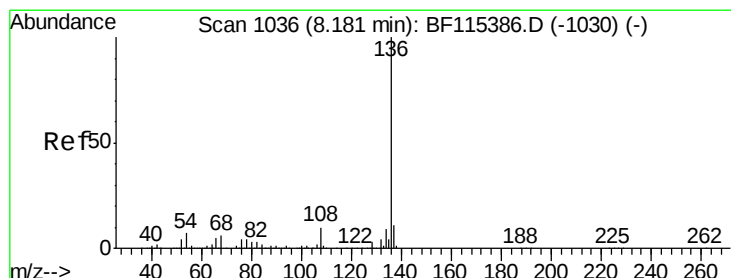
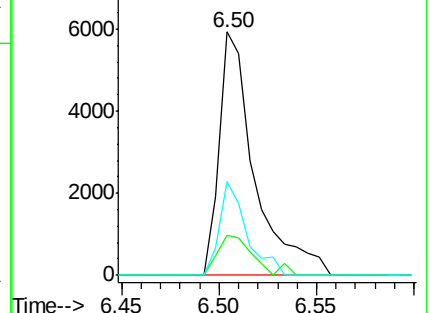
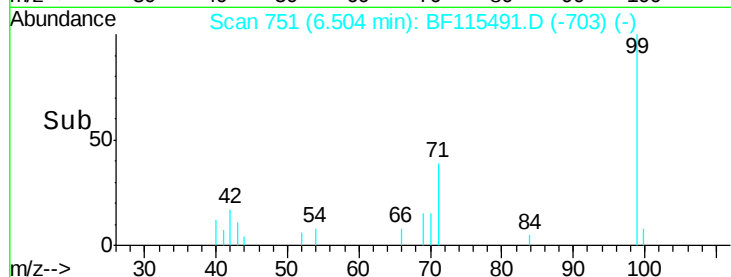
71 38.5 26.5 39.7



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115491.D

Acq: 11 Jul 2019 8:26

Tgt Ion: 136 Resp: 530095

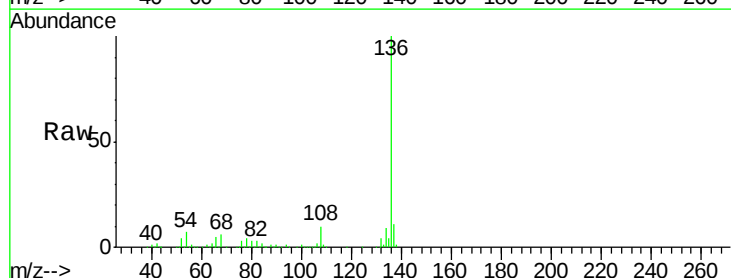
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.4 8.0

68 6.3 4.8 7.2

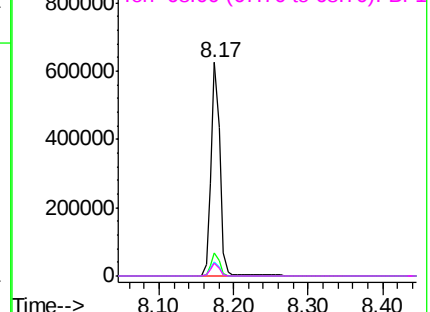
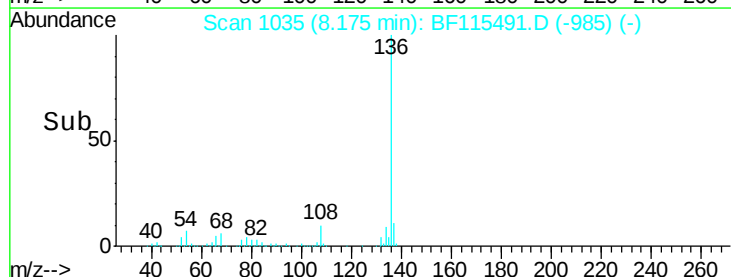


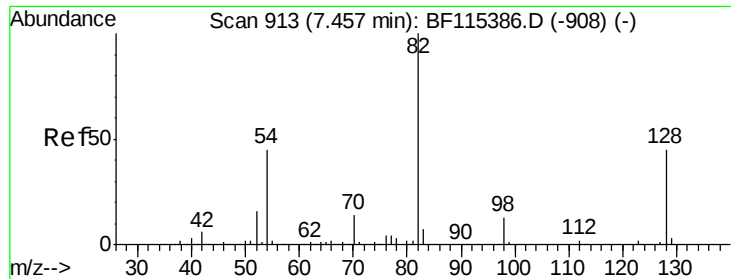
Abundance Ion 136.00 (135.70 to 136.70): E

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

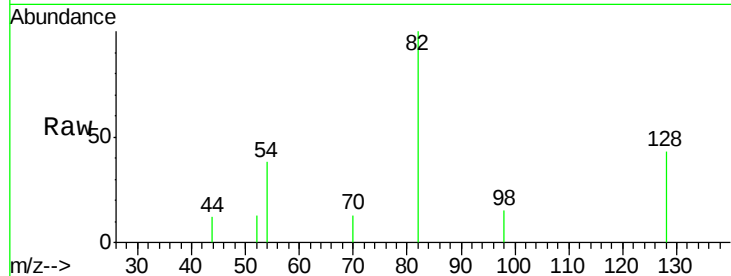




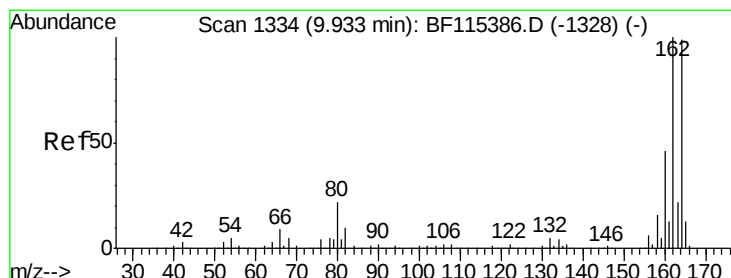
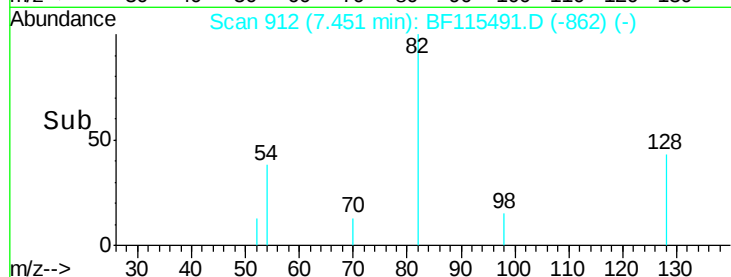
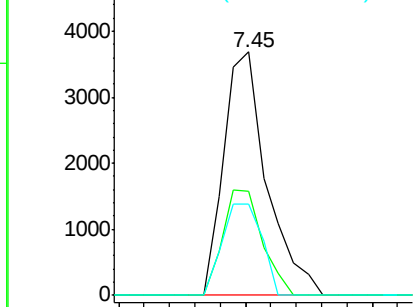
#23
 Nitrobenzene-d5
 Concen: 0.485 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115491.D
 Acq: 11 Jul 2019 8:26

Instrument :
 BNA_F
 ClientSampleId :
 SQUARE-BLOCK

Tgt Ion: 82 Resp: 4348
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.7 55.1
 54 37.7 35.6 53.4

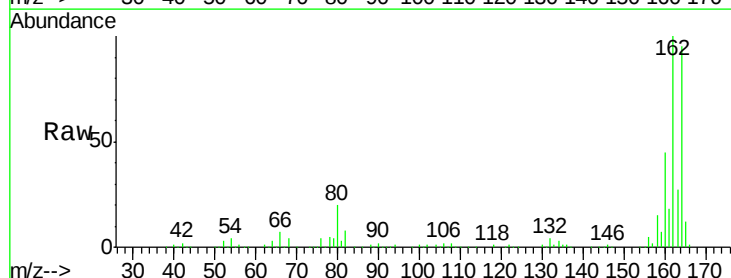


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

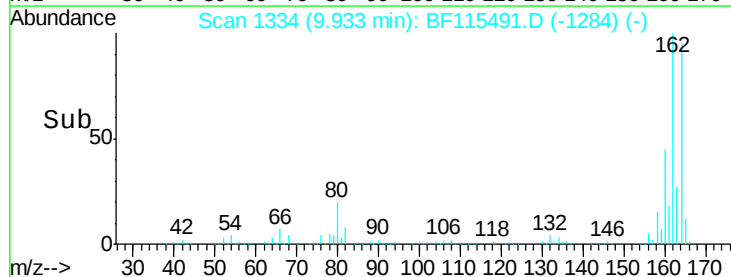
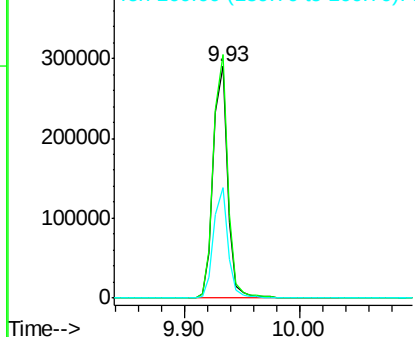


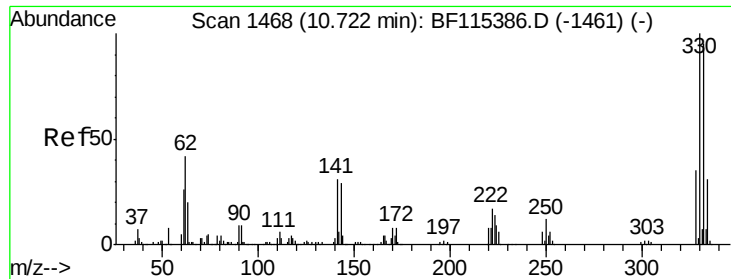
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115491.D
 Acq: 11 Jul 2019 8:26

Tgt Ion: 164 Resp: 253141
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.3 123.5
 160 47.7 37.2 55.8



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

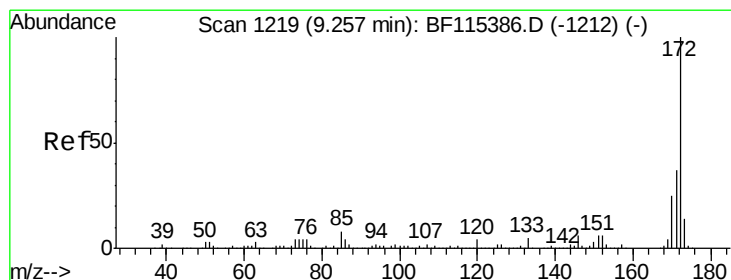
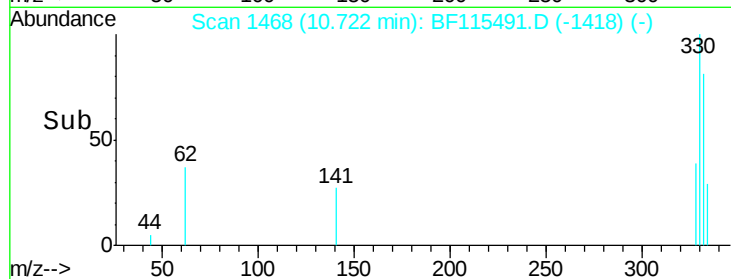
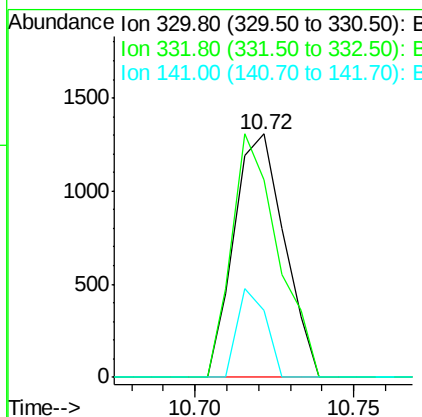
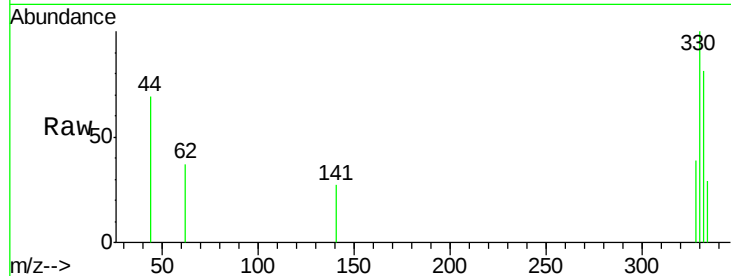




#42
 2,4,6-Tribromophenol
 Concen: 0.512 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF115491.D
 Acq: 11 Jul 2019 8:26

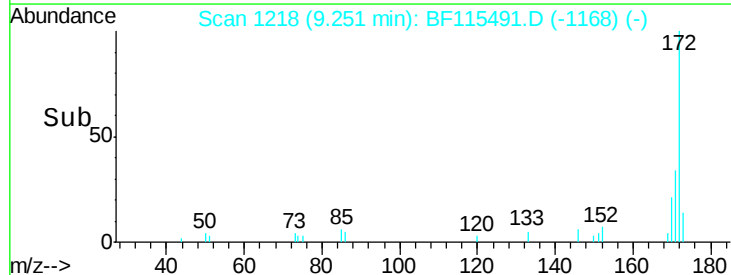
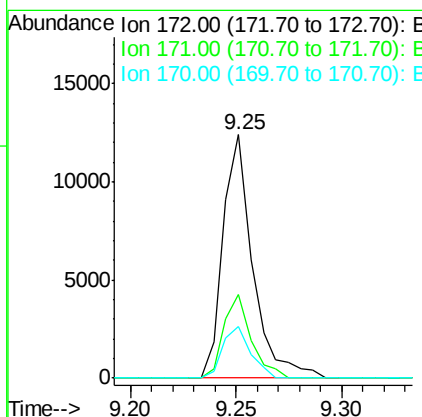
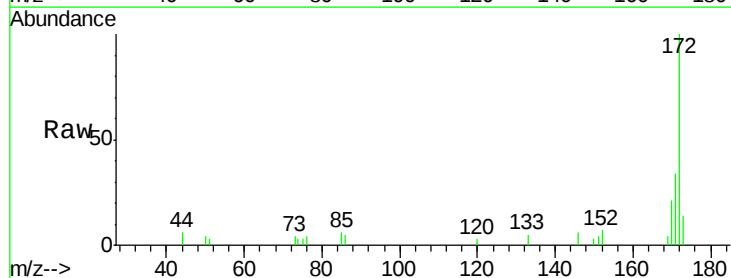
Instrument :
 BNA_F
 ClientSampleId :
 SQUARE-BLOCK

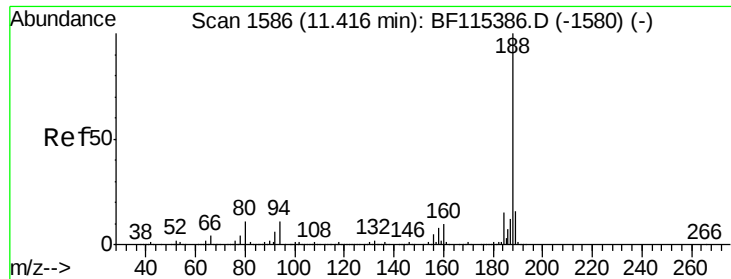
Tgt Ion: 330 Resp: 1433
 Ion Ratio Lower Upper
 330 100
 332 92.5 77.4 116.0
 141 20.5 24.7 37.1#



#45
 2-Fluorobiphenyl
 Concen: 0.840 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115491.D
 Acq: 11 Jul 2019 8:26

Tgt Ion: 172 Resp: 12125
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.8 44.8
 170 21.4 20.0 30.0

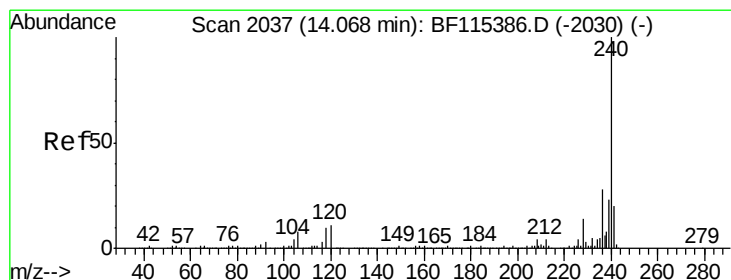
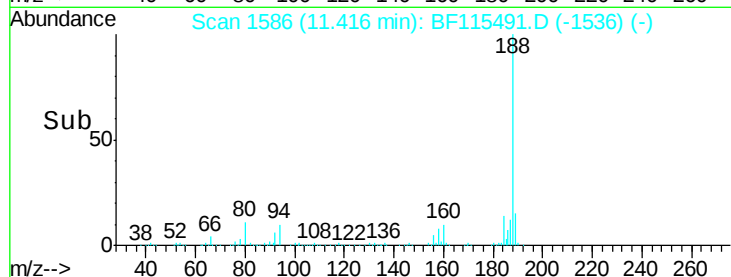
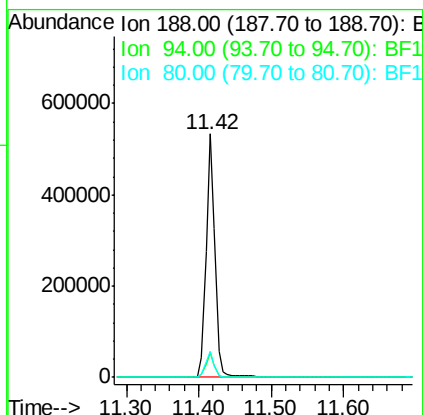
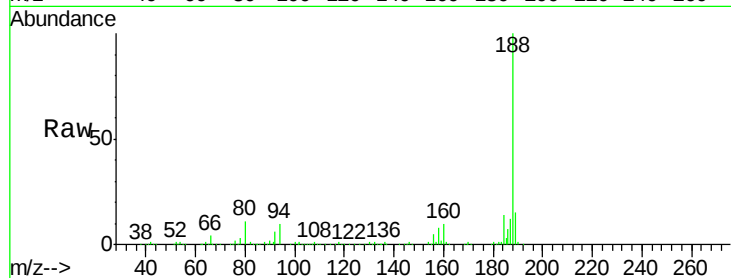




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115491.D
Acq: 11 Jul 2019 8:26

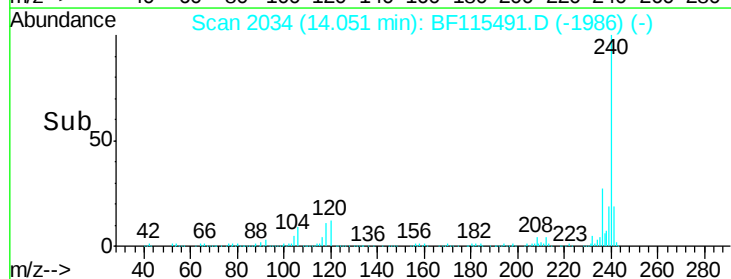
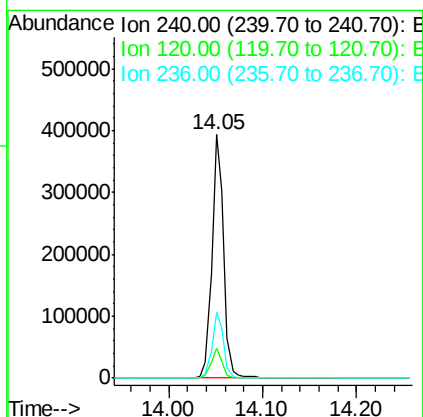
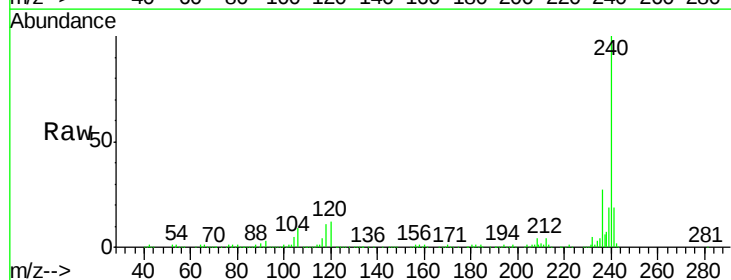
Instrument :
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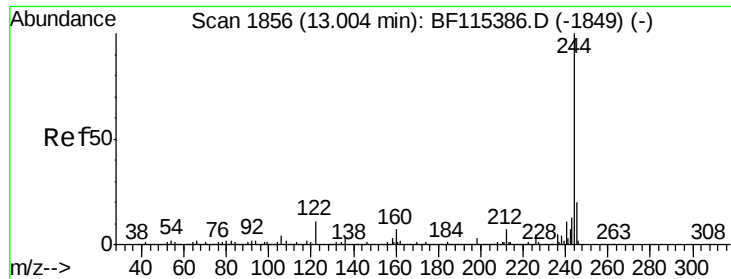
Tgt Ion:188 Resp: 454505
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.8
80 10.9 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115491.D
Acq: 11 Jul 2019 8:26

Tgt Ion:240 Resp: 348739
Ion Ratio Lower Upper
240 100
120 12.4 10.2 15.4
236 26.8 21.1 31.7





#79

Terphenyl-d14

Concen: 0.674 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115491.D

Acq: 11 Jul 2019 8:26

Instrument :

BNA_F

ClientSampleId :

SQUARE-BLOCK

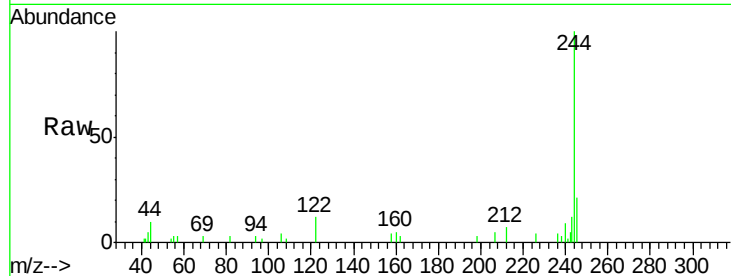
Tgt Ion:244 Resp: 11479

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

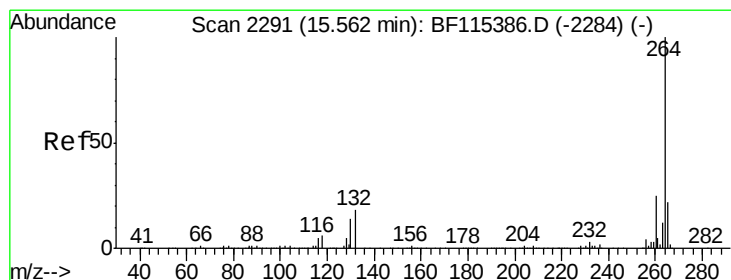
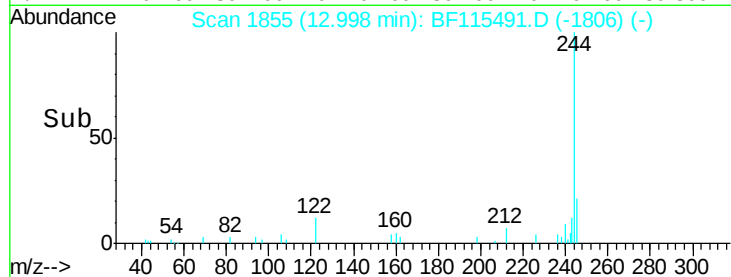
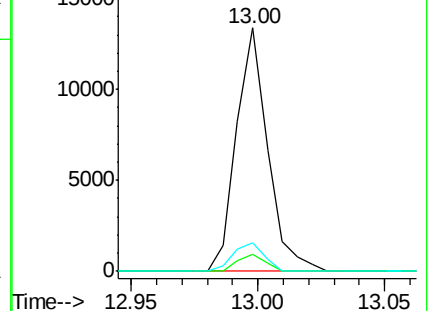
122 12.0 9.1 13.7



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: 15.53 min Scan# 2286

Delta R.T. -0.03 min

Lab File: BF115491.D

Acq: 11 Jul 2019 8:26

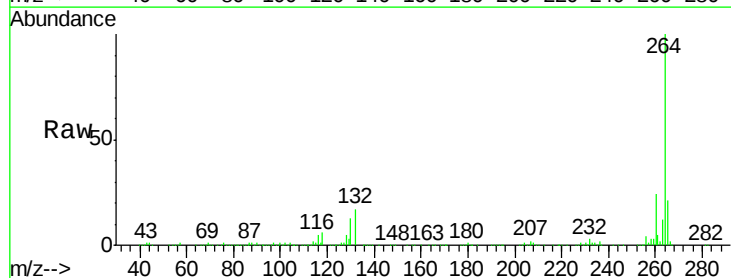
Tgt Ion:264 Resp: 396410

Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 21.2 17.8 26.6



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

