

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115336.D
 Acq On : 1 Jul 2019 14:02
 Operator : HP/JU
 Sample : K3158-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Quant Time: Jul 01 15:05:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	270179	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1051100	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	522329	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	1009598	20.00	ng	0.00
76) Chrysene-d12	13.72	240	787341	20.00	ng	0.00
87) Perylene-d12	15.09	264	818996	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1706015	97.44	ng	0.04
7) Phenol-d6	6.25	99	2019265	95.02	ng	0.02
23) Nitrobenzene-d5	7.17	82	1394617	81.62	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	673704	122.31	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	2544020	82.73	ng	0.00
79) Terphenyl-d14	12.70	244	2765764	74.69	ng	0.01

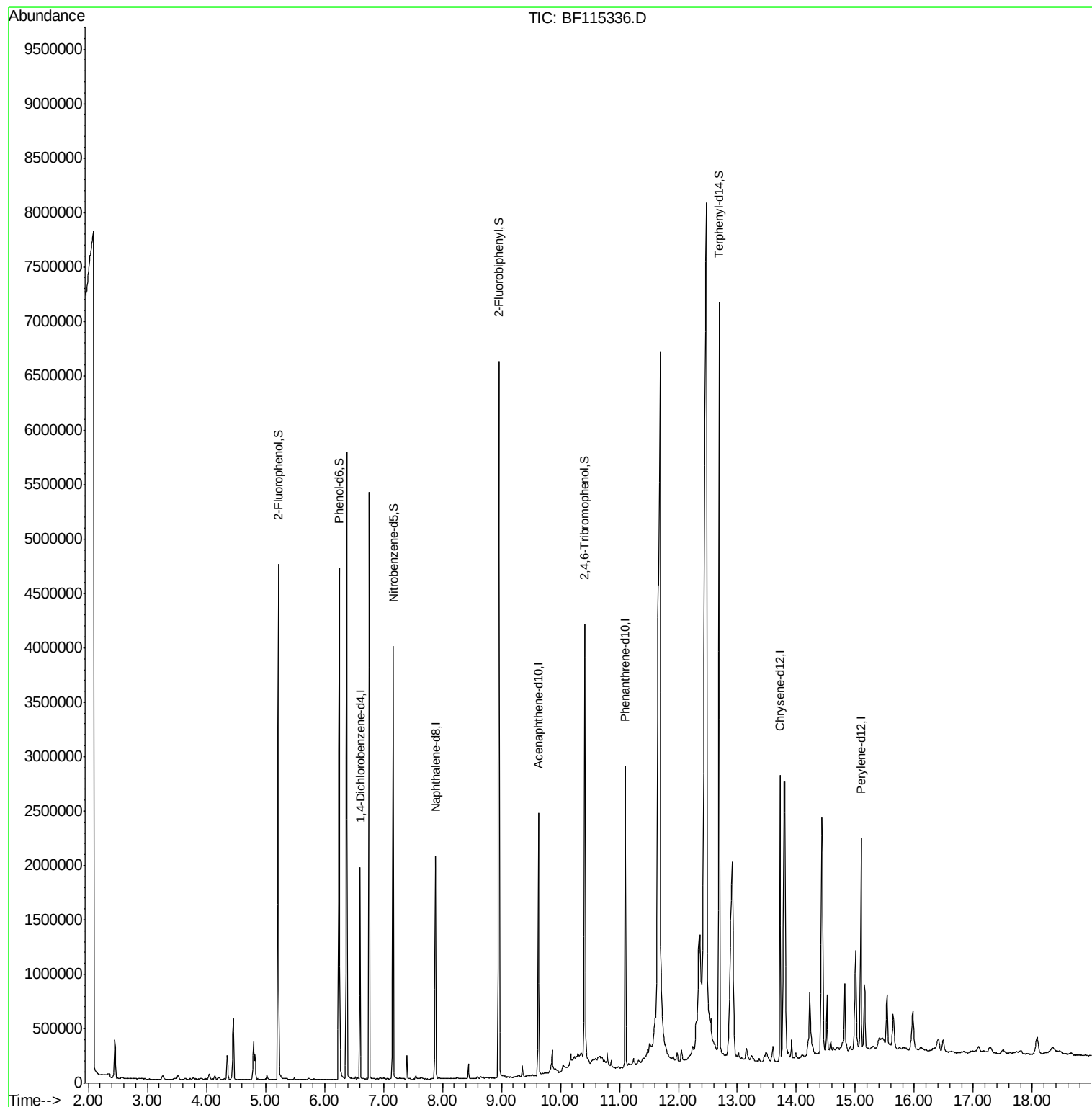
Target Compounds Qvalue

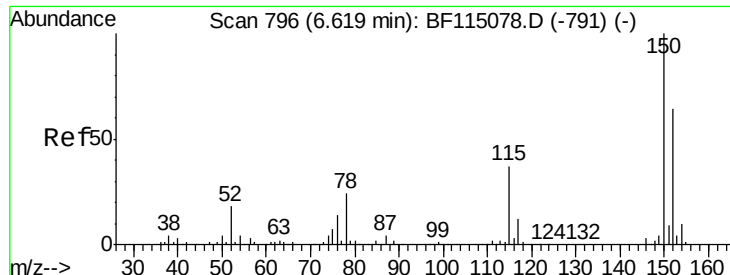
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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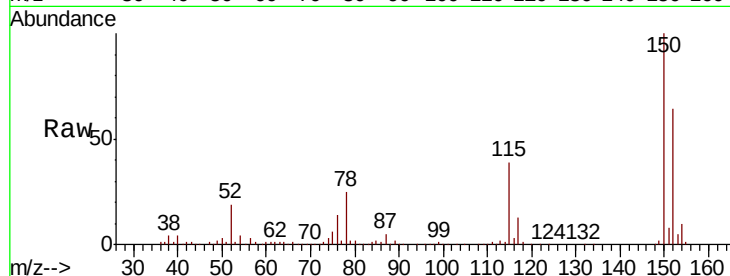


#1

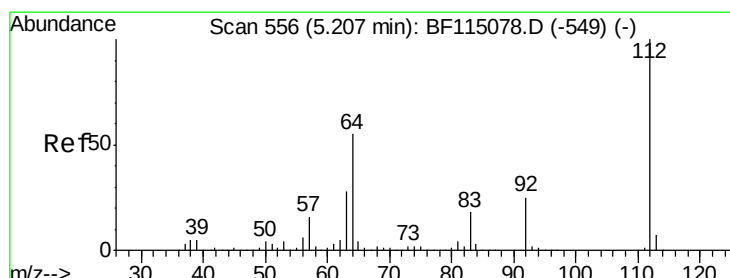
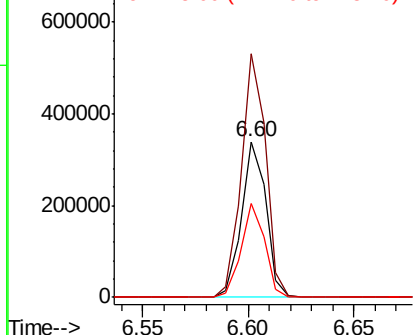
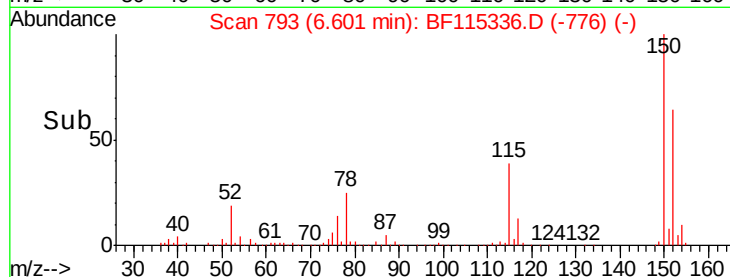
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115336.D
Acq: 1 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Tot Ion:152 Resp: 270179
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 60.6 46.1 69.1



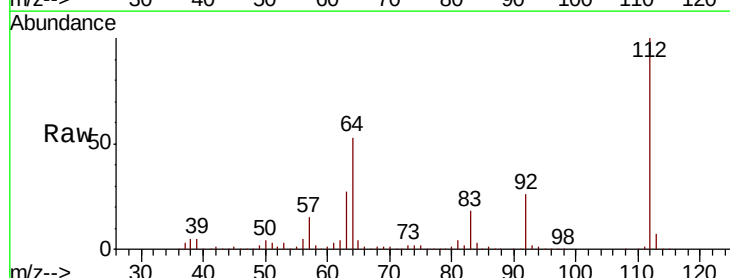
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



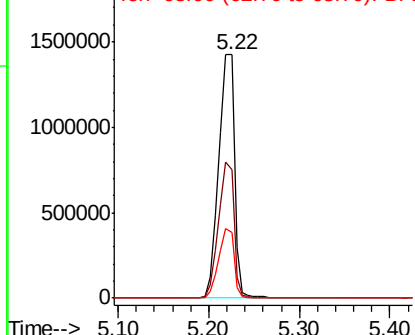
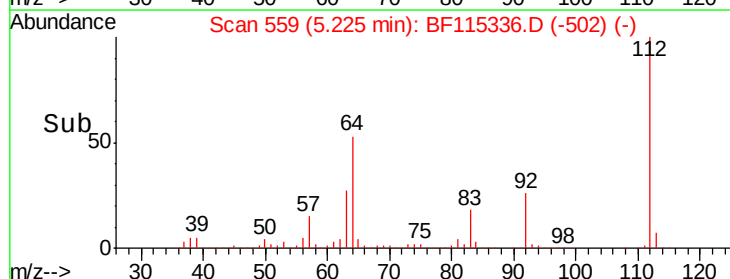
#5

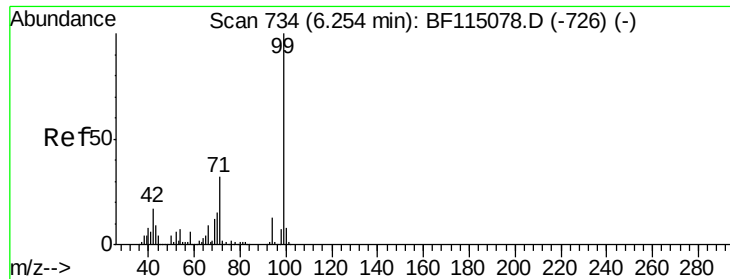
2-Fluorophenol
Concen: 97.442 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF115336.D
Acq: 1 Jul 2019 14:02

Tgt Ion:112 Resp: 1706015
Ion Ratio Lower Upper
112 100
64 52.6 43.8 65.6
63 26.8 22.2 33.4



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: 95.022 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

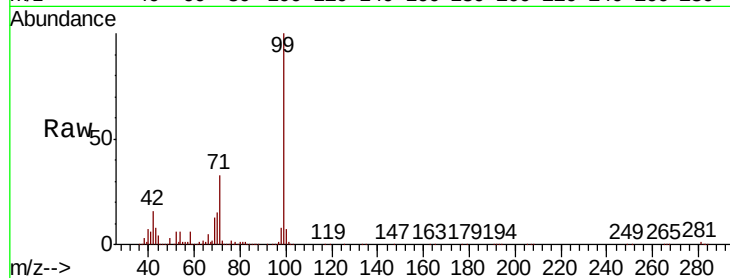
Tot Ion: 99 Resp: 2019265

Ion Ratio Lower Upper

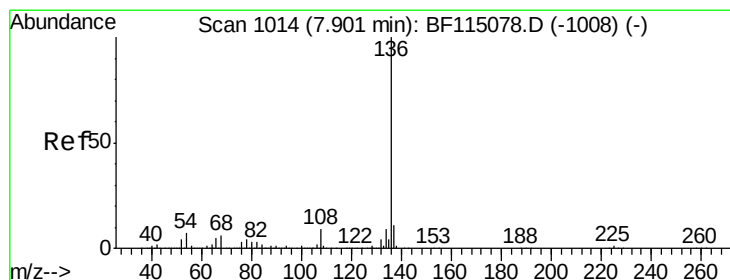
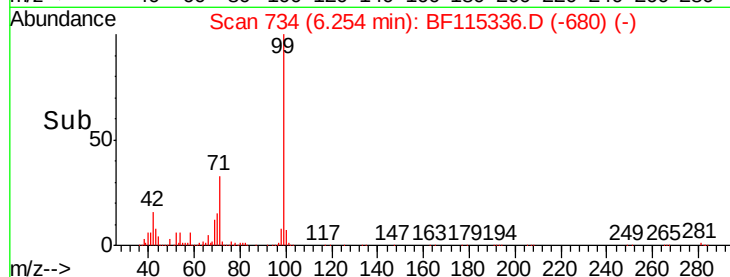
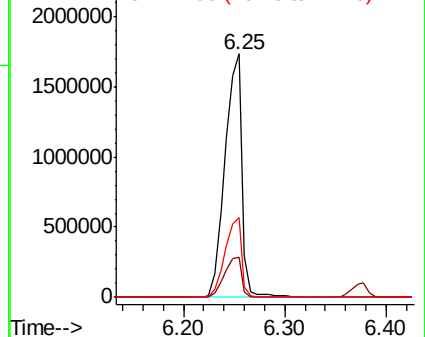
99 100

42 16.2 13.6 20.4

71 32.7 25.5 38.3



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: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

Tgt Ion: 136 Resp: 1051100

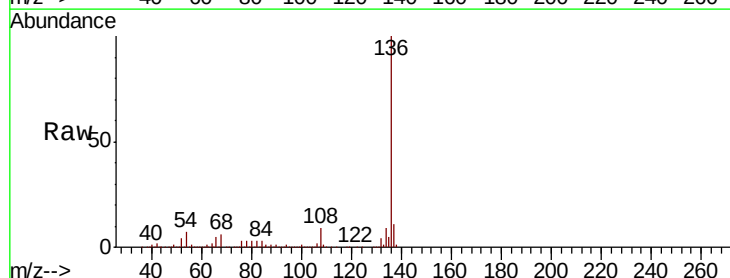
Ion Ratio Lower Upper

136 100

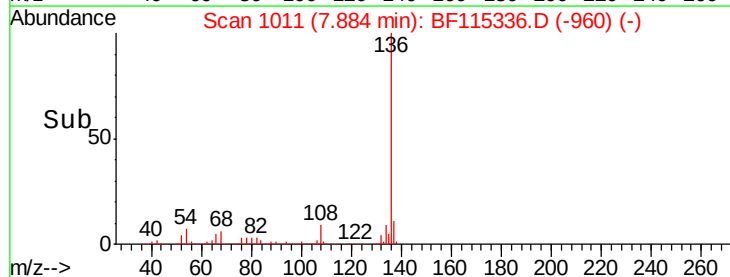
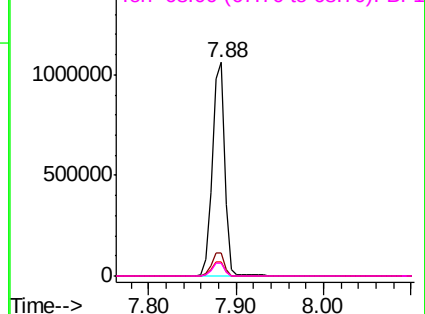
137 10.9 8.9 13.3

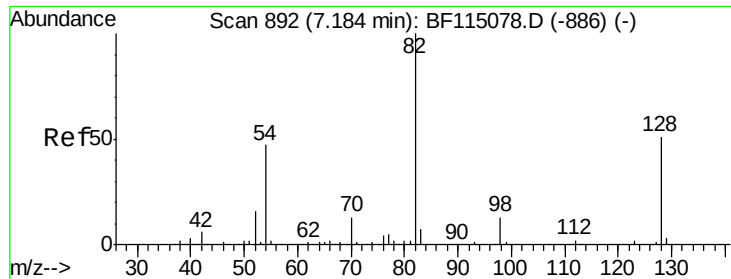
54 6.5 5.6 8.4

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

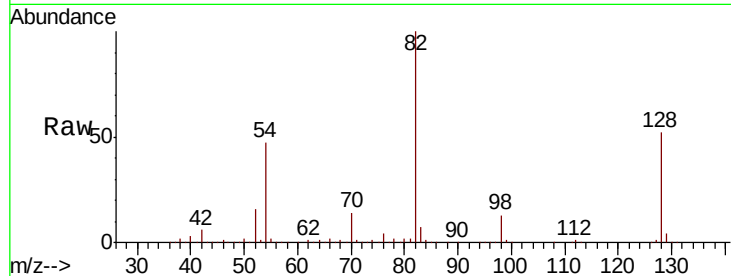




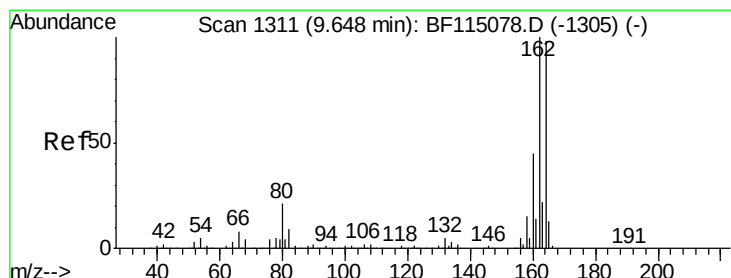
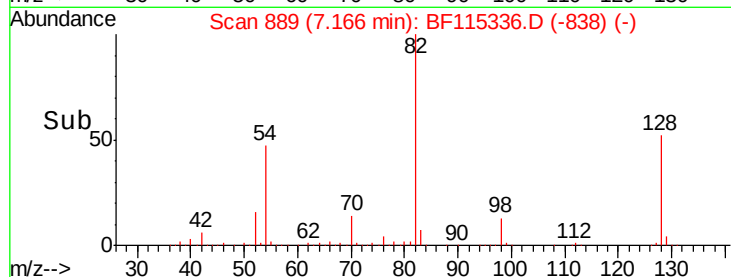
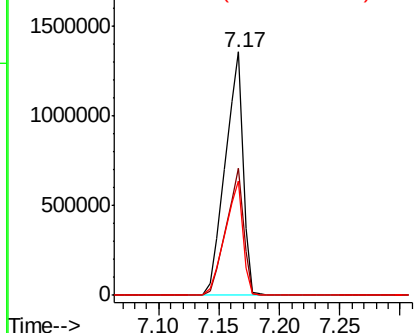
#23
 Nitrobenzene-d5
 Concen: 81.620 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115336.D
 Acq: 1 Jul 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tot Ion: 82 Resp: 1394617
 Ion Ratio Lower Upper
 82 100
 128 52.0 40.4 60.6
 54 46.8 37.5 56.3

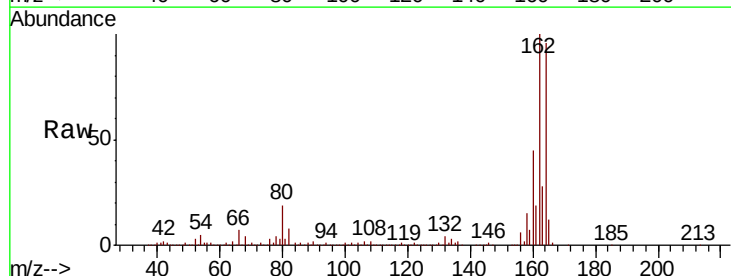


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

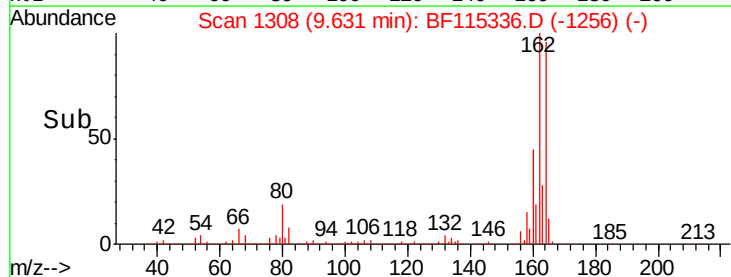
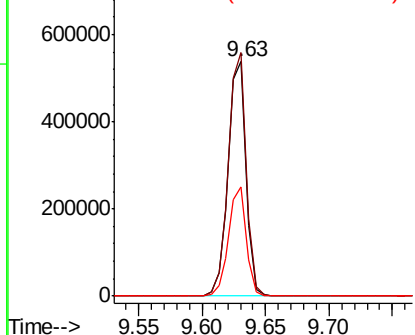


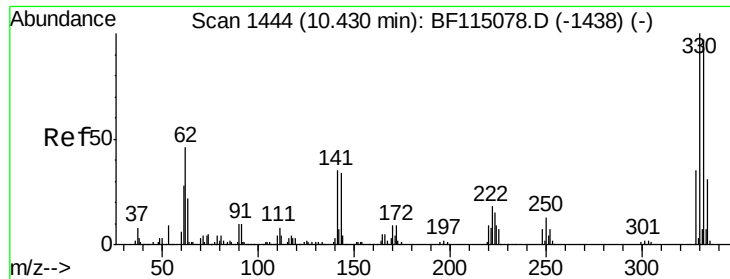
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF115336.D
 Acq: 1 Jul 2019 14:02

Tgt Ion:164 Resp: 522329
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.7 122.5
 160 46.3 37.0 55.4



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: 122.310 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

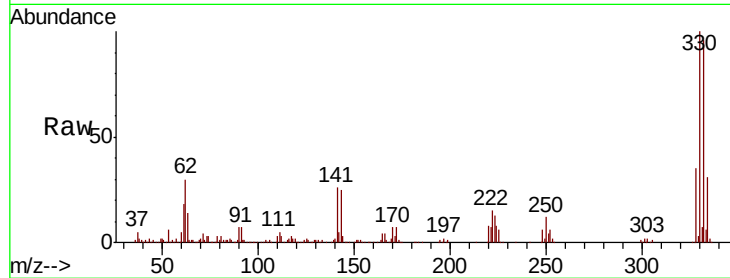
Tot Ion:330 Resp: 673704

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 31.7 28.2 42.2

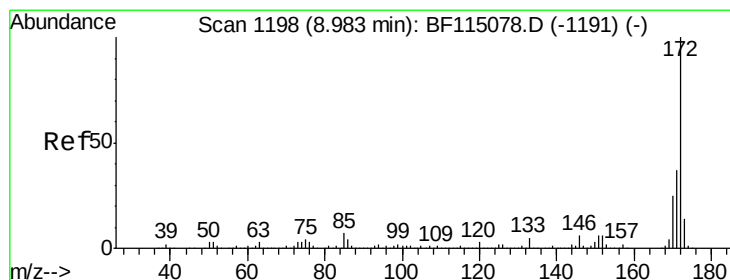
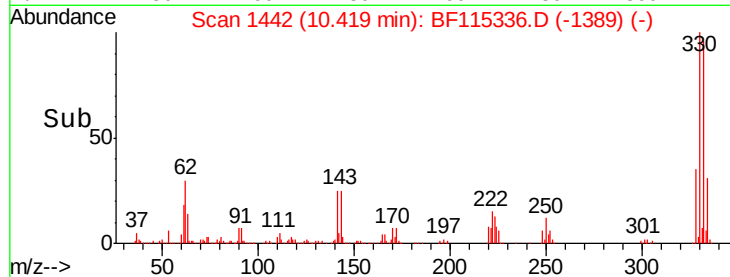
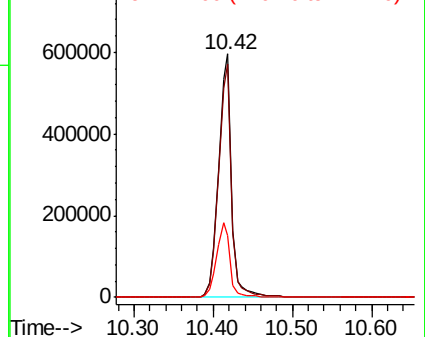


Abundance

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: 82.732 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

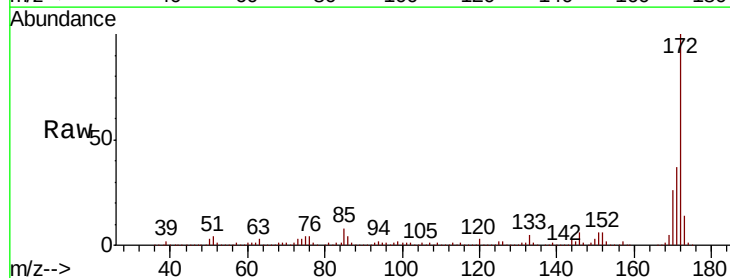
Tgt Ion:172 Resp: 2544020

Ion Ratio Lower Upper

172 100

171 37.5 29.8 44.6

170 25.8 20.3 30.5

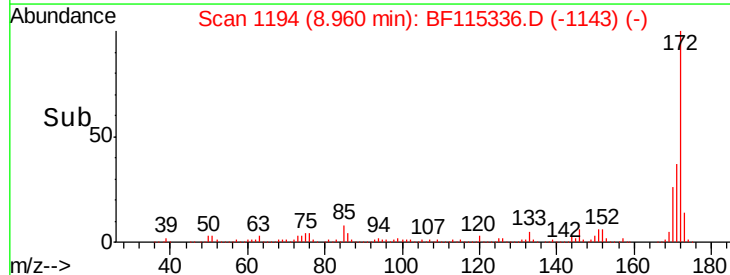
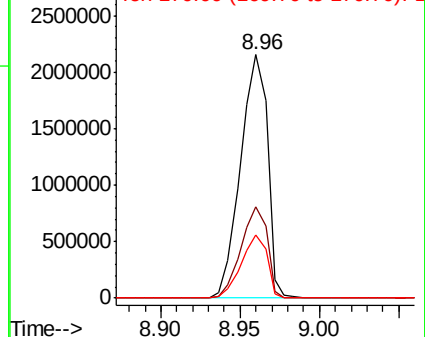


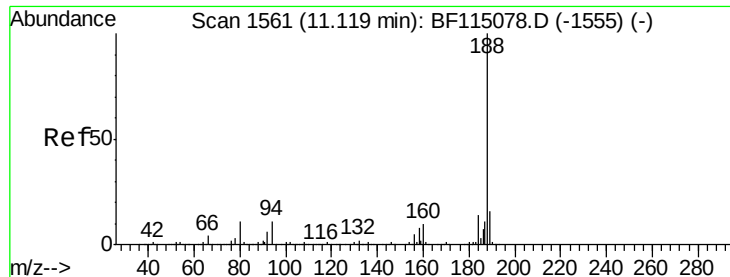
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

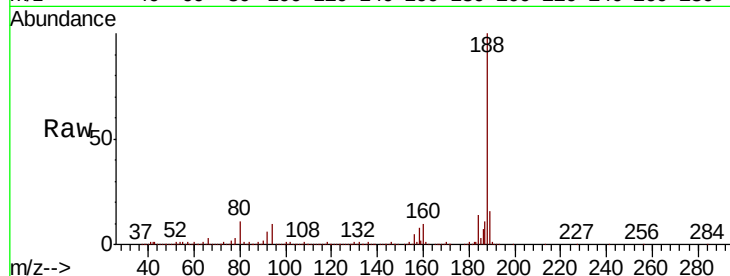
Tot Ion:188 Resp: 1009598

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

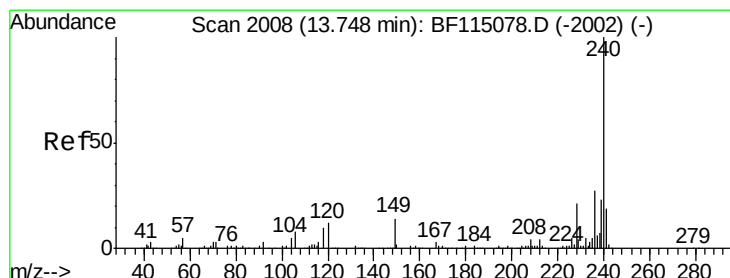
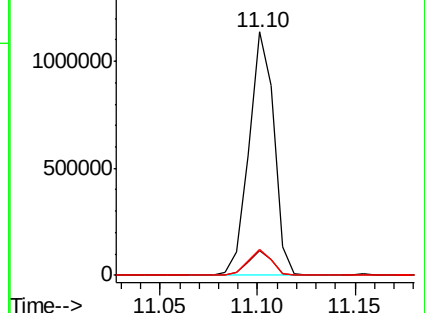
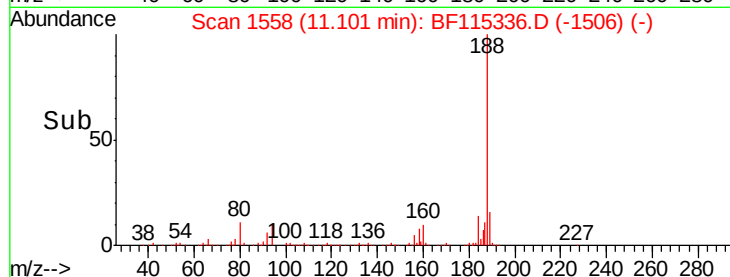
80 10.7 8.8 13.2



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: 13.72 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

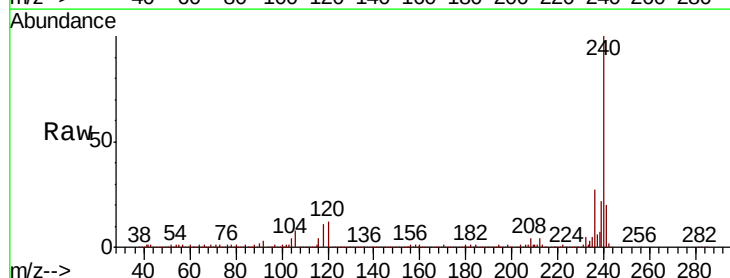
Tgt Ion:240 Resp: 787341

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

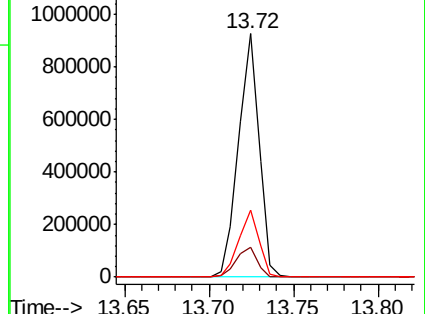
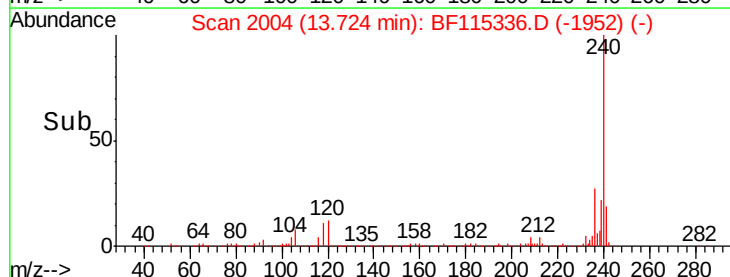
236 27.4 21.7 32.5

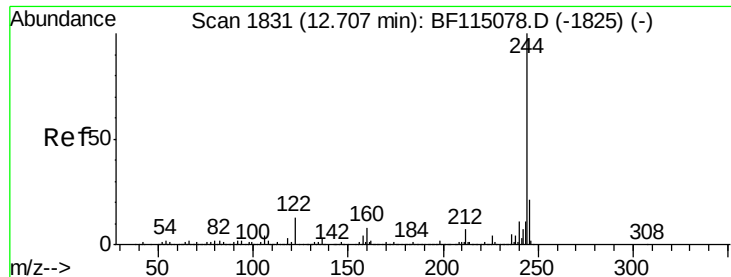


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.687 ng

RT: 12.70 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

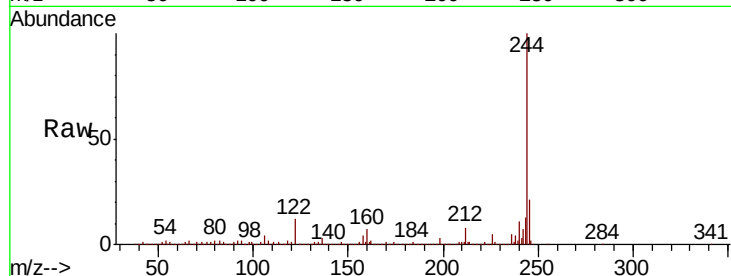
Tot Ion:244 Resp: 2765764

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

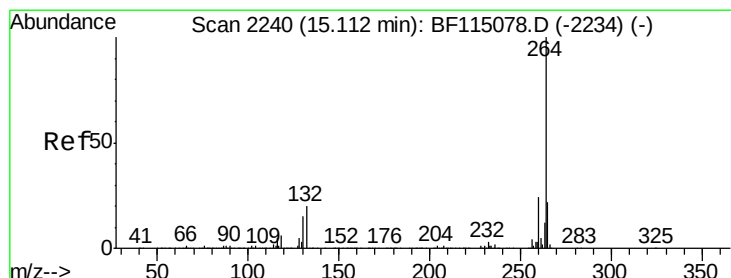
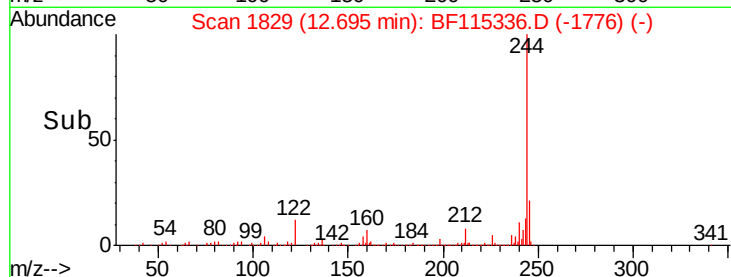
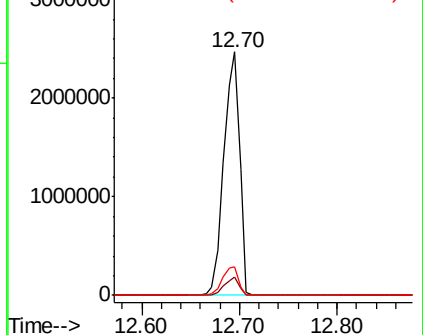
122 11.9 10.4 15.6



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: 15.09 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF115336.D

Acq: 1 Jul 2019 14:02

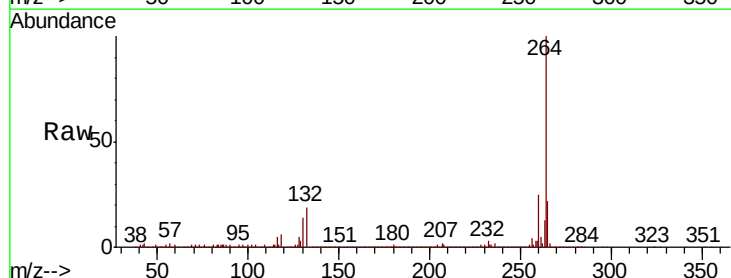
Tgt Ion:264 Resp: 818996

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 22.0 17.3 25.9



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

