

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115540.D
 Acq On : 12 Jul 2019 21:32
 Operator : HP/JU
 Sample : K3626-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071119-A

Quant Time: Jul 13 03:16:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158839	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	575557	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	261212	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	415320	20.00	ng	0.00
76) Chrysene-d12	14.04	240	313235	20.00	ng	-0.01
87) Perylene-d12	15.52	264	345969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1086810	111.92	ng	0.02
7) Phenol-d6	6.52	99	1236489	100.35	ng	0.00
23) Nitrobenzene-d5	7.45	82	976770	98.68	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	362385	118.85	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1678480	112.47	ng	0.00
79) Terphenyl-d14	12.99	244	1439408	84.79	ng	0.00

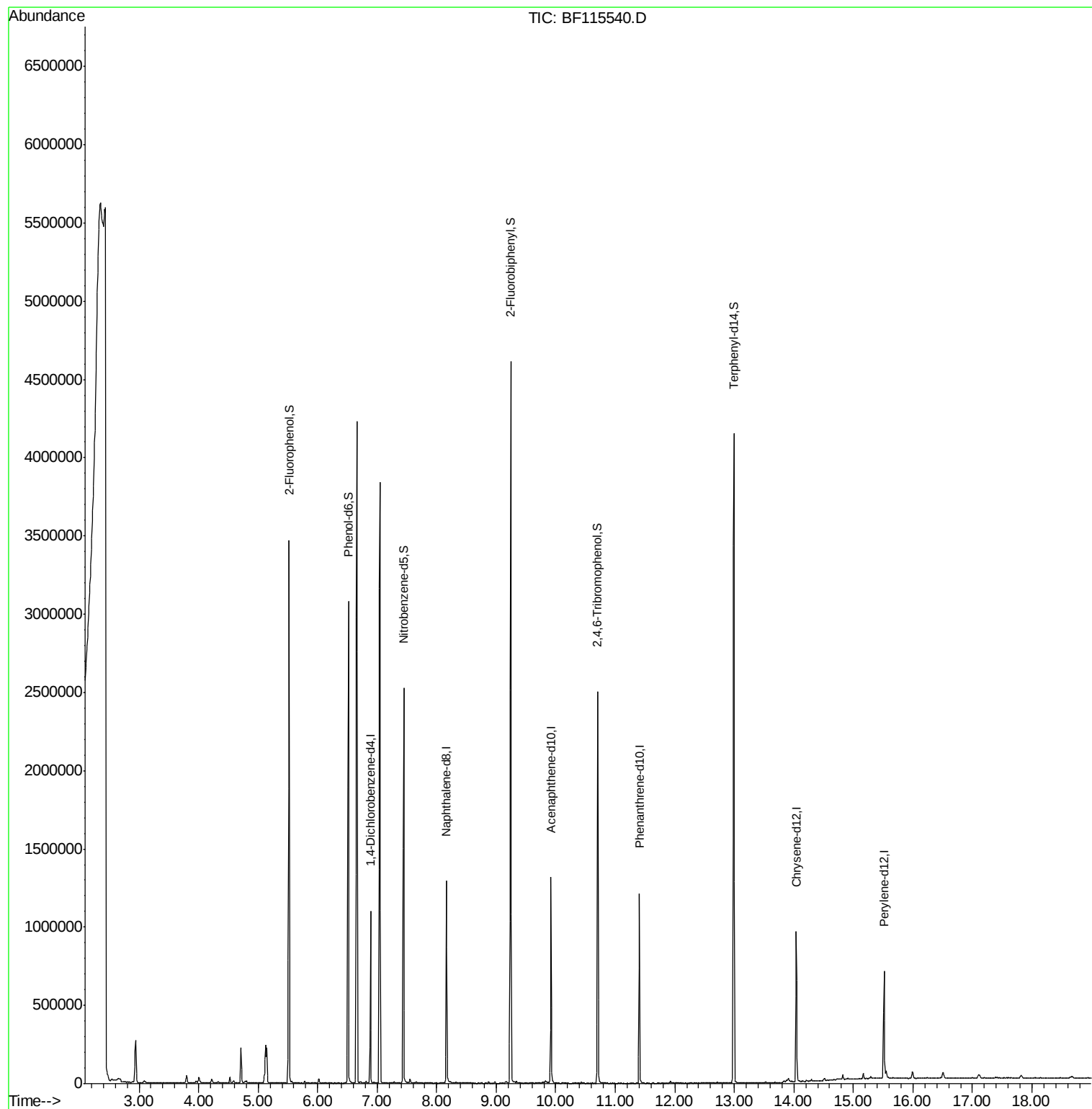
Target Compounds Qvalue

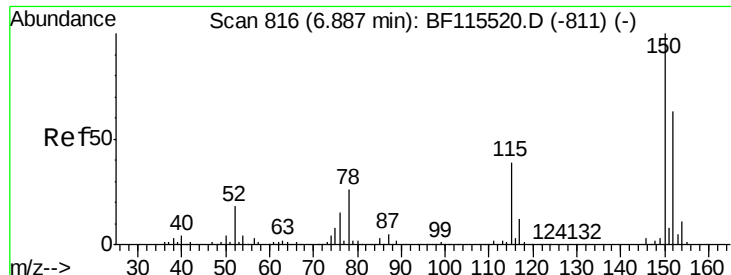
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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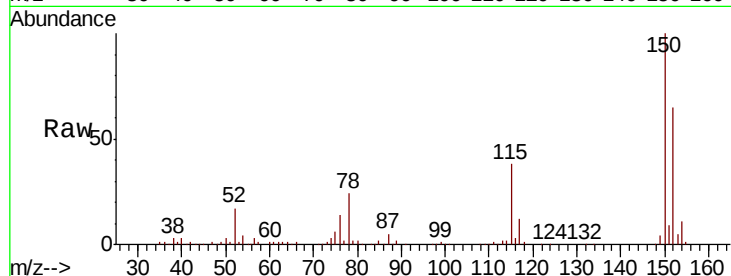


#1

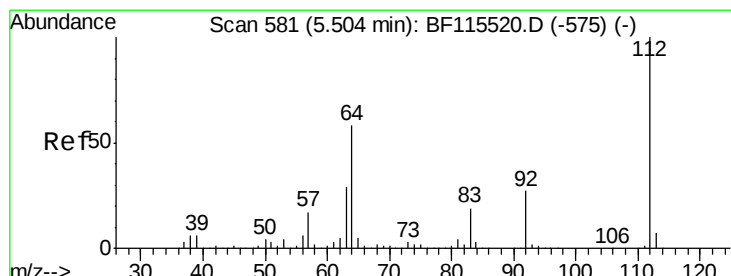
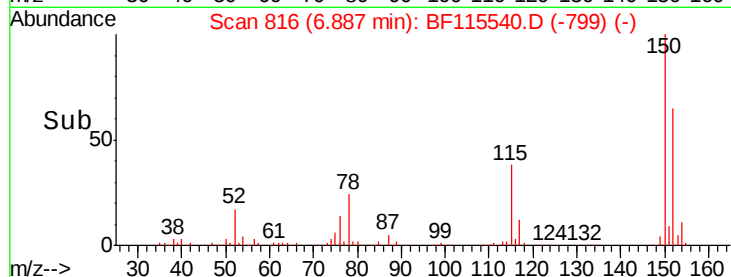
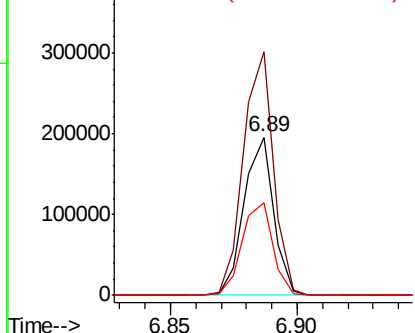
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115540.D
Acq: 12 Jul 2019 21:32

Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

Tot Ion:152 Resp: 158839
Ion Ratio Lower Upper
152 100
150 154.0 129.7 194.5
115 58.2 48.2 72.4



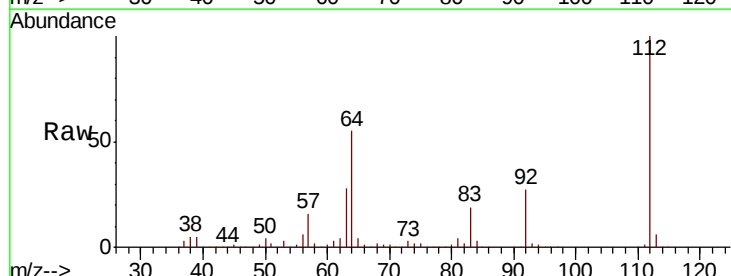
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



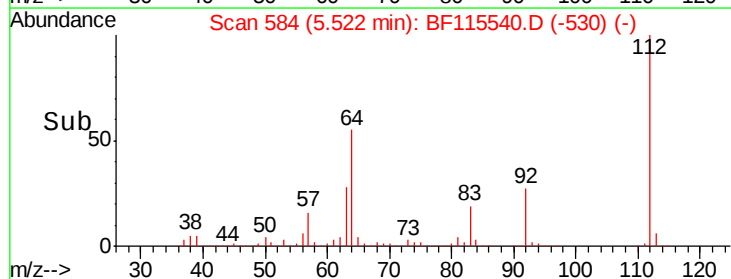
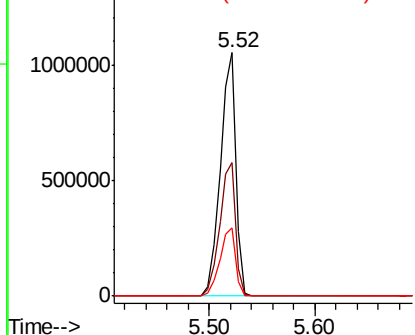
#5

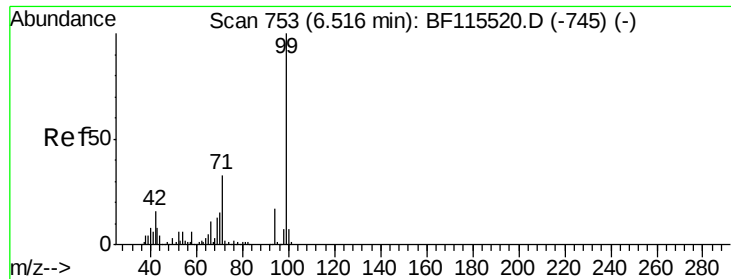
2-Fluorophenol
Concen: 111.919 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115540.D
Acq: 12 Jul 2019 21:32

Tgt Ion:112 Resp: 1086810
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 28.1 24.1 36.1



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: 100.350 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

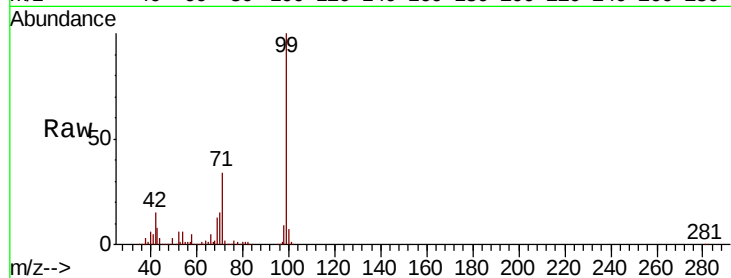
Tot Ion: 99 Resp: 1236489

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

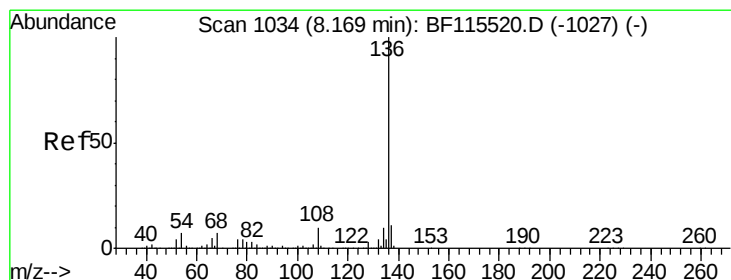
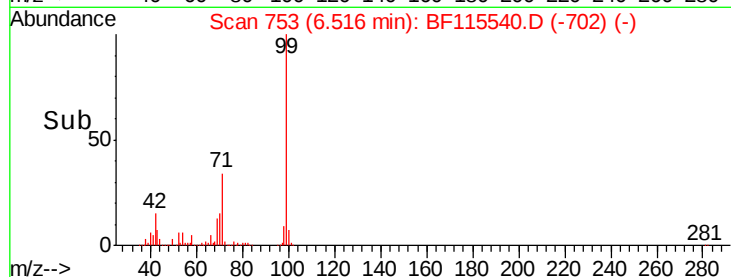
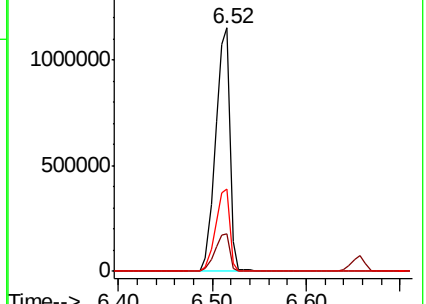
71 33.6 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Tgt Ion: 136 Resp: 575557

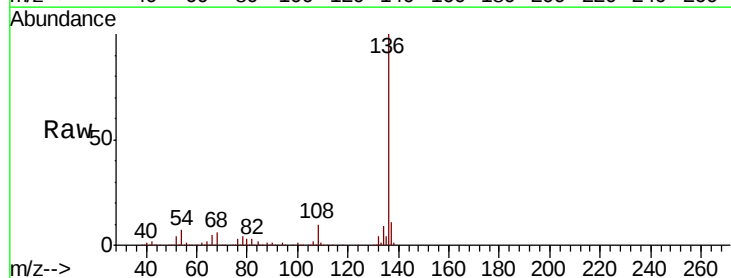
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.0 5.6 8.4

68 6.4 5.0 7.6

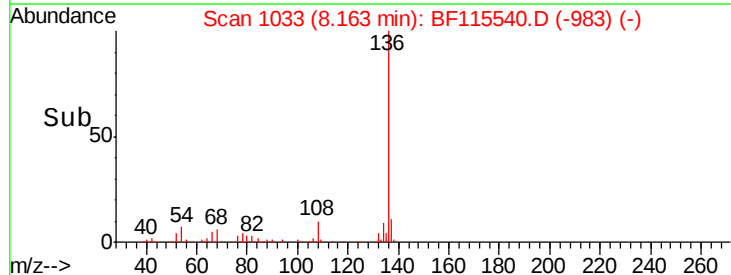
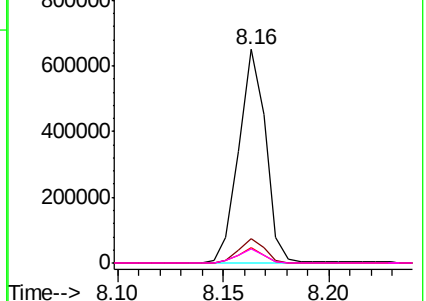


Abundance Ion 136.00 (135.70 to 136.70): E

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

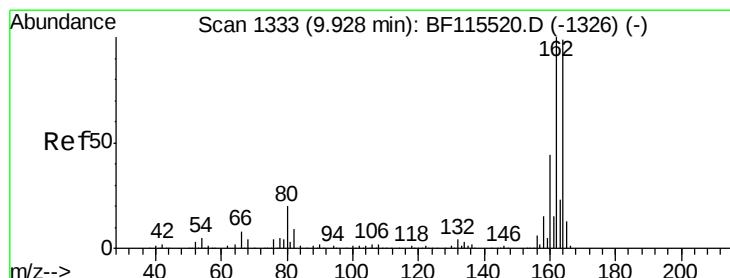
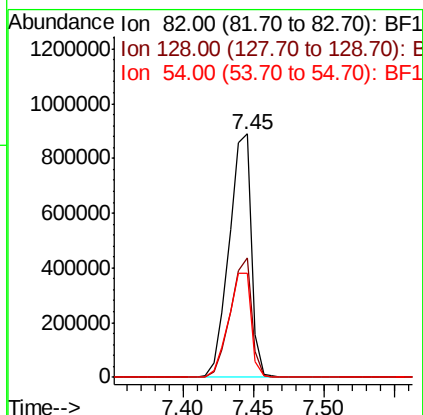
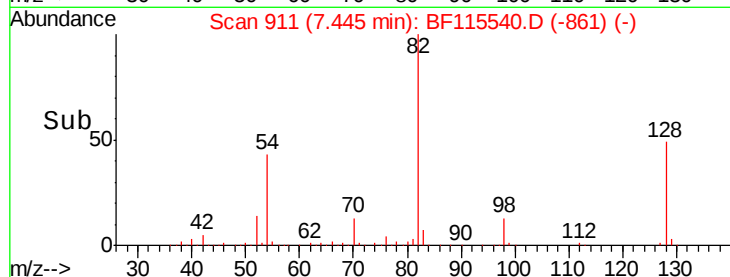
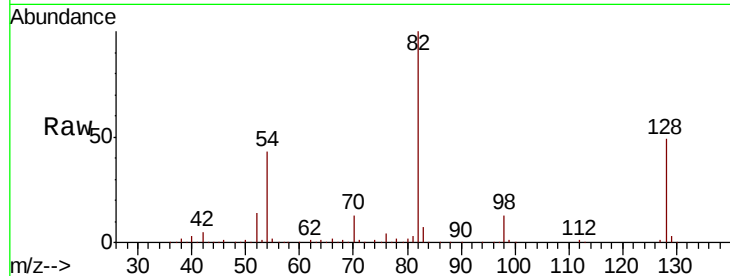




#23
Nitrobenzene-d5
Concen: 98.680 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115540.D
Acq: 12 Jul 2019 21:32

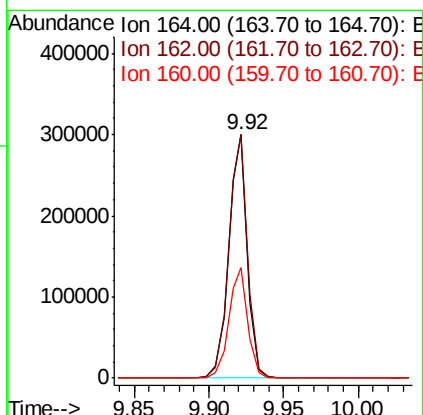
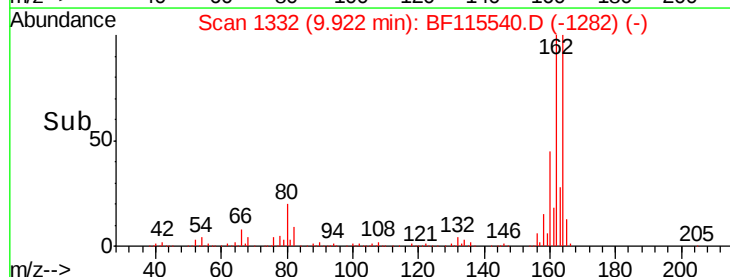
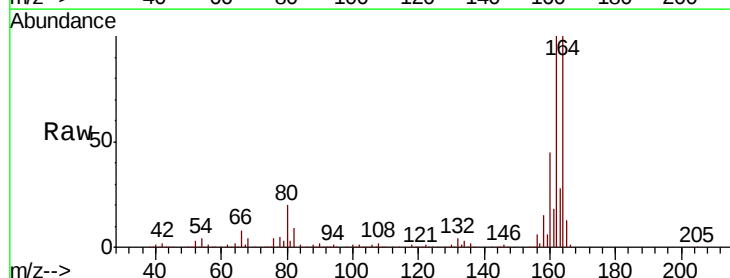
Instrument :
BNA_F
ClientSampleId :
SU-04-071119-A

Tot Ion: 82 Resp: 976770
Ion Ratio Lower Upper
82 100
128 49.1 38.6 57.8
54 43.0 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115540.D
Acq: 12 Jul 2019 21:32

Tgt Ion: 164 Resp: 261212
Ion Ratio Lower Upper
164 100
162 100.1 82.9 124.3
160 45.5 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 118.855 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

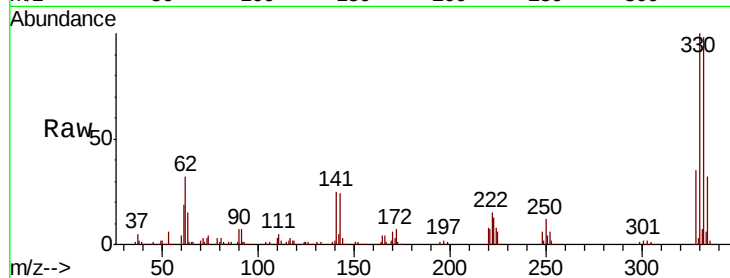
Tot Ion:330 Resp: 362385

Ion Ratio Lower Upper

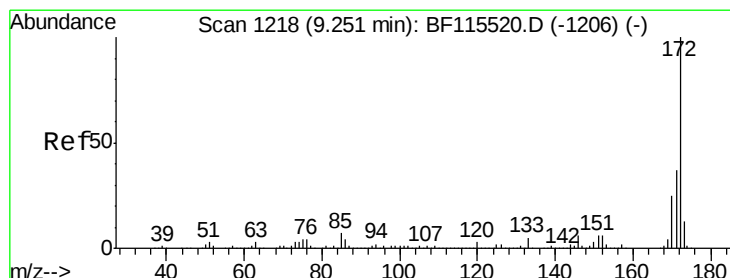
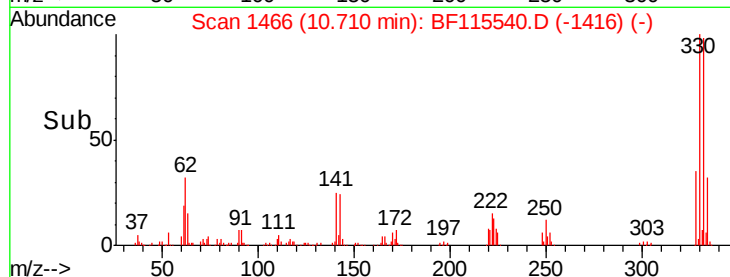
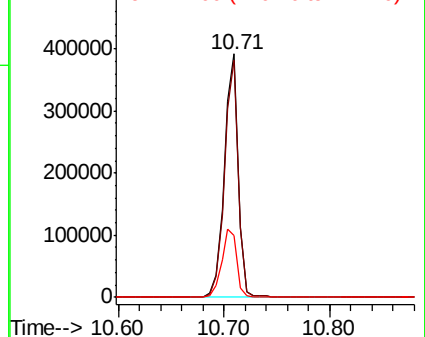
330 100

332 96.9 77.4 116.2

141 30.5 22.4 33.6



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: 112.469 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

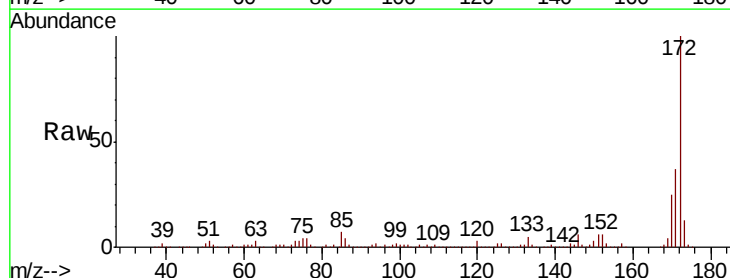
Tgt Ion:172 Resp: 1678480

Ion Ratio Lower Upper

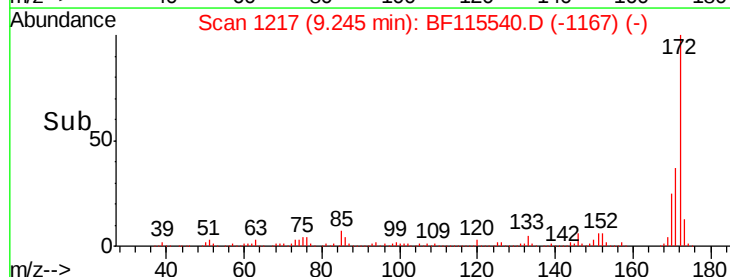
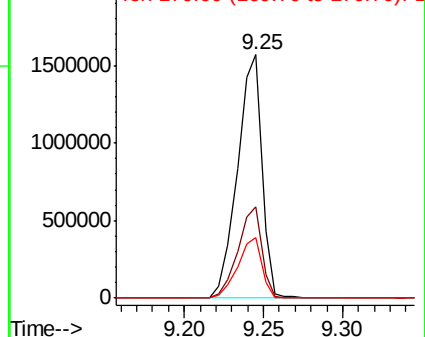
172 100

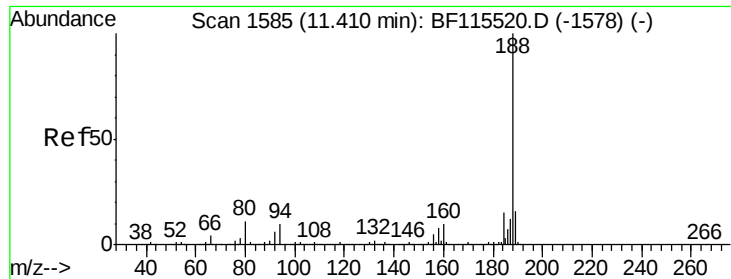
171 37.3 30.6 46.0

170 25.0 20.5 30.7



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

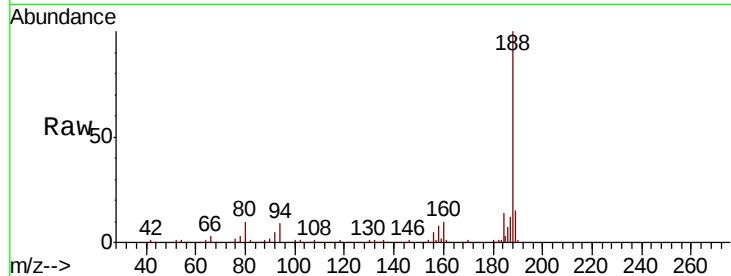
Tot Ion:188 Resp: 415320

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

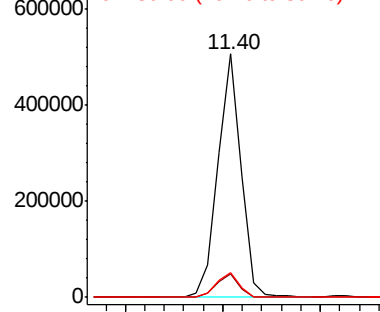
80 10.2 8.6 13.0



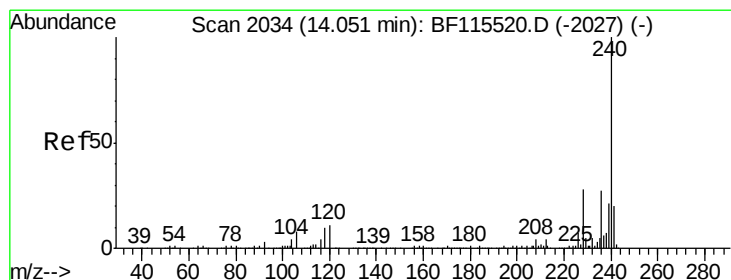
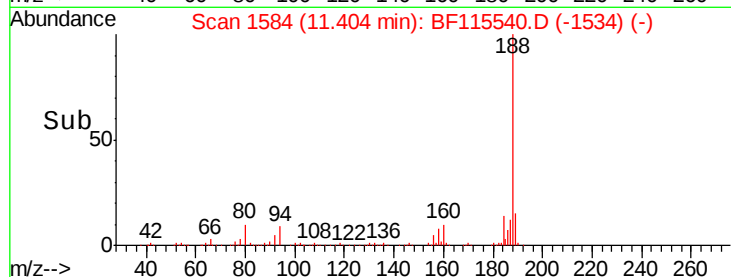
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

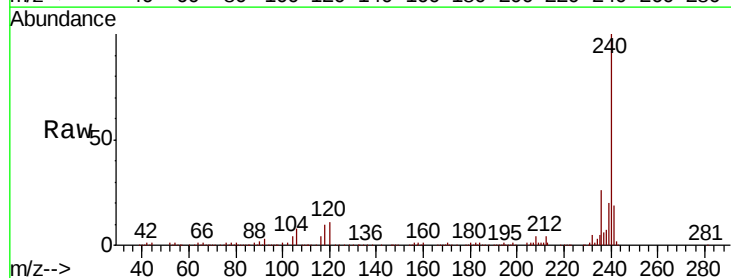
Tgt Ion:240 Resp: 313235

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

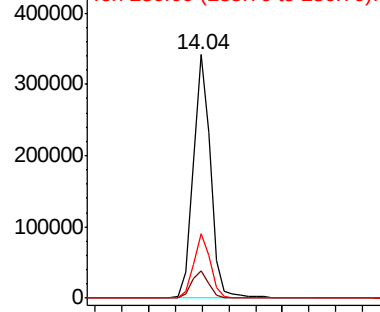
236 26.4 21.3 31.9



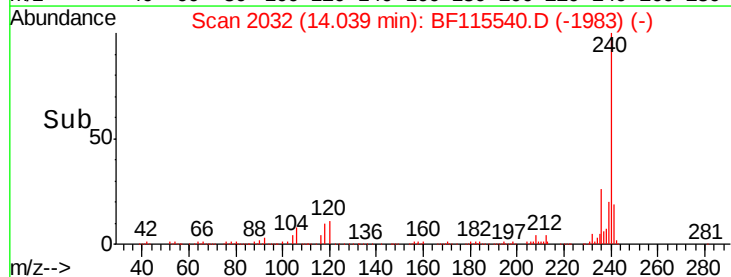
Abundance Ion 240.00 (239.70 to 240.70): E

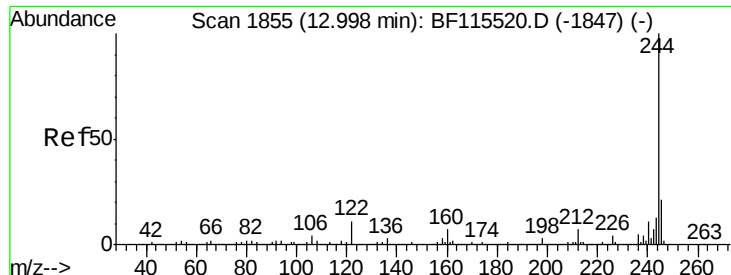
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 84.791 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

Instrument :

BNA_F

ClientSampleId :

SU-04-071119-A

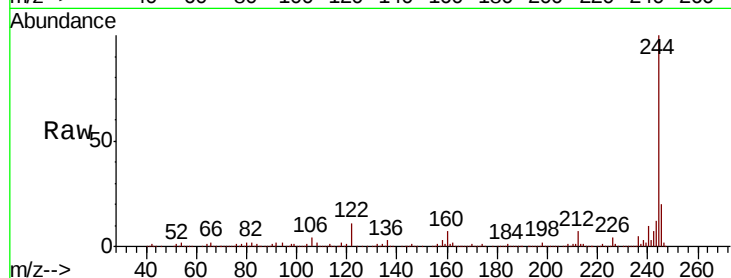
Tot Ion:244 Resp: 1439408

Ion Ratio Lower Upper

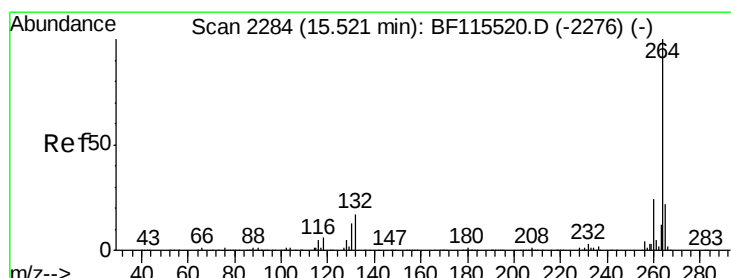
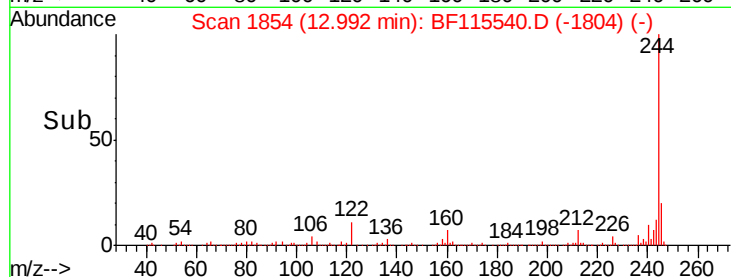
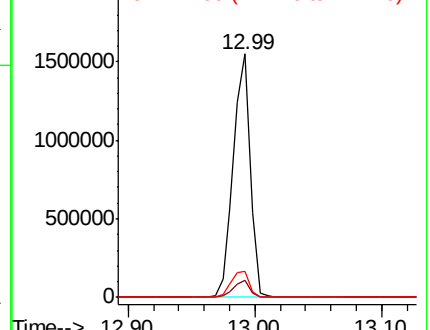
244 100

212 6.9 6.0 9.0

122 10.9 8.6 12.8



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115540.D

Acq: 12 Jul 2019 21:32

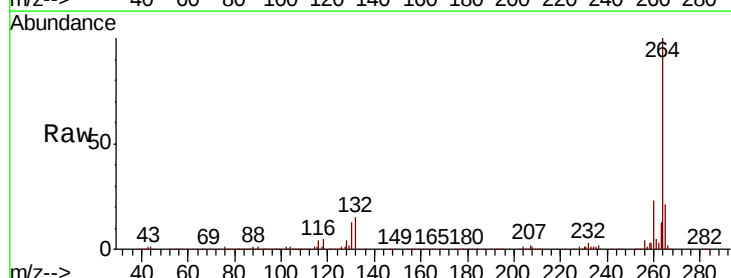
Tgt Ion:264 Resp: 345969

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.8

265 21.1 17.7 26.5



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

