

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115794.D
 Acq On : 26 Jul 2019 18:44
 Operator : HP/JU
 Sample : K3614-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419

Quant Time: Jul 27 00:13:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139855	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	548969	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	304988	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	554900	20.00	ng	0.00
76) Chrysene-d12	14.03	240	464104	20.00	ng	0.00
87) Perylene-d12	15.50	264	439019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1009568	118.08	ng	0.02
7) Phenol-d6	6.50	99	1163861	107.28	ng	0.00
23) Nitrobenzene-d5	7.43	82	936002	99.14	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	458683	128.85	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1692505	97.13	ng	0.00
79) Terphenyl-d14	12.98	244	2061272	81.95	ng	0.00

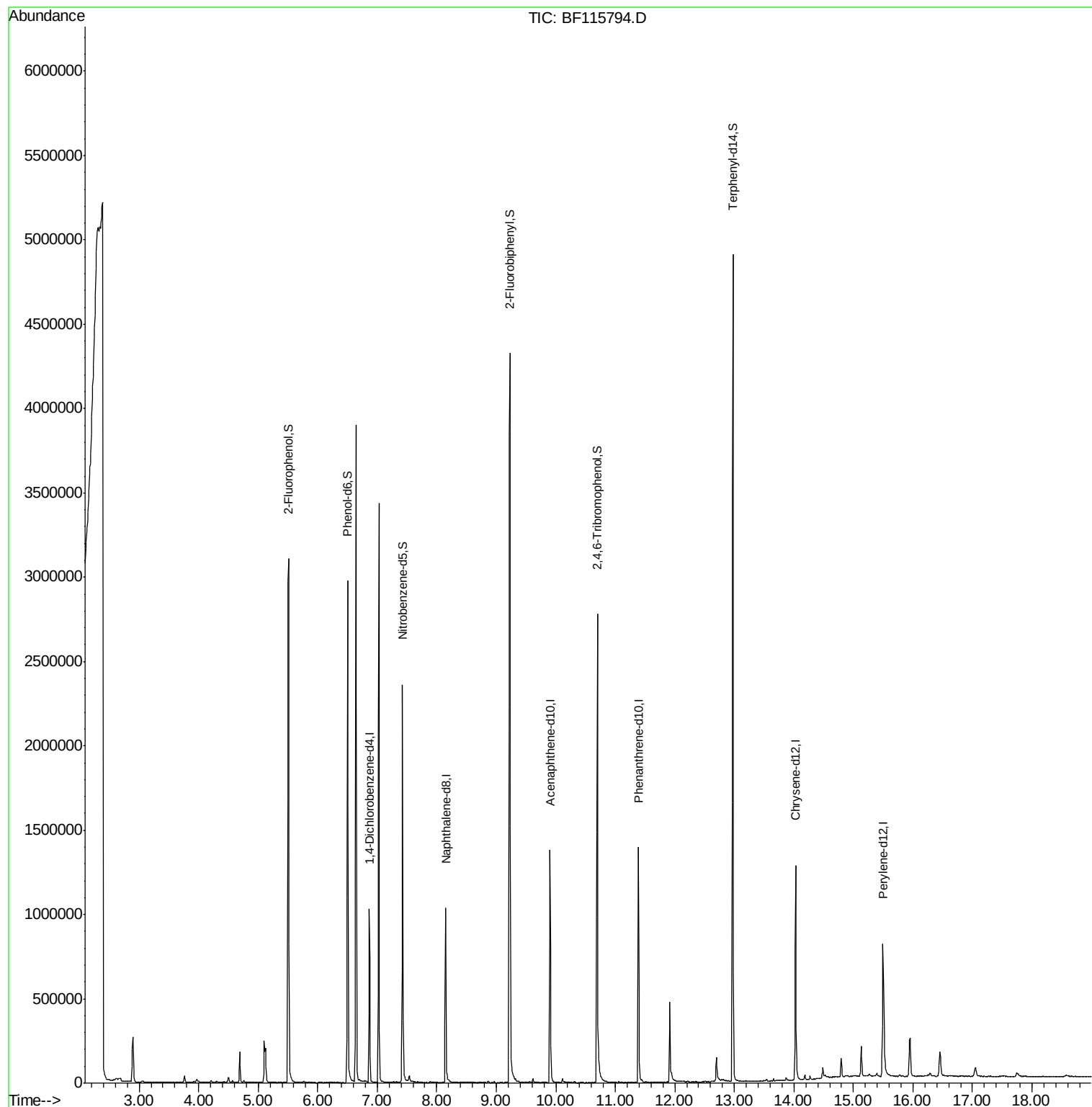
Target Compounds Qvalue

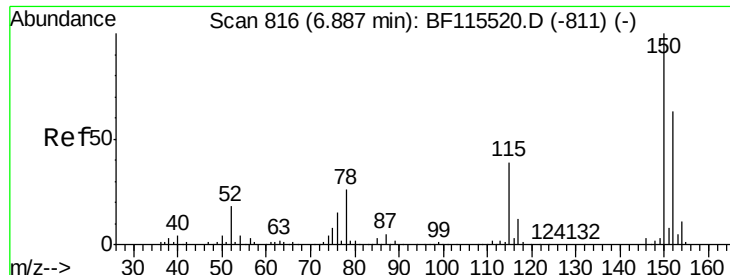
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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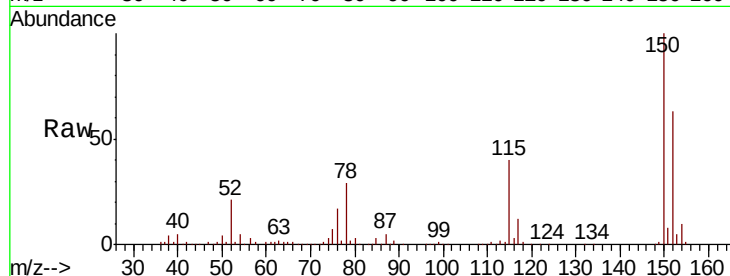


#1

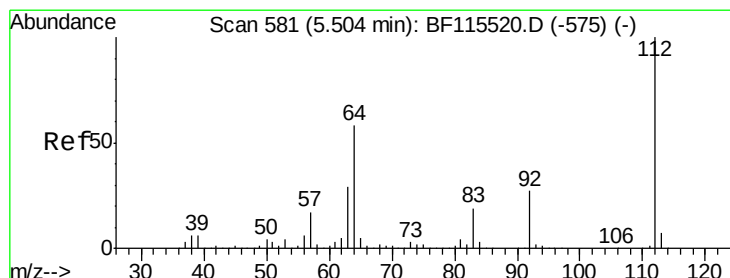
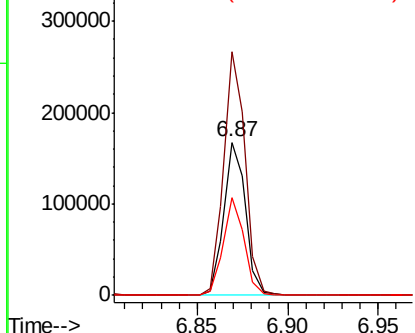
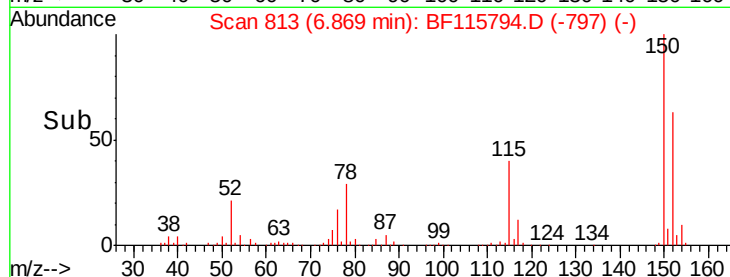
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115794.D
 Acq: 26 Jul 2019 18:44

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419

Tot Ion:152 Resp: 139855
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.6 189.8
 115 63.5 47.8 71.6



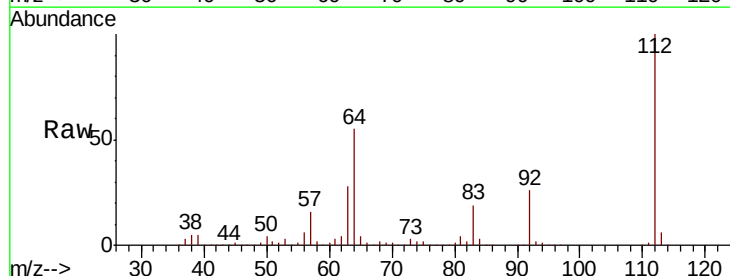
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



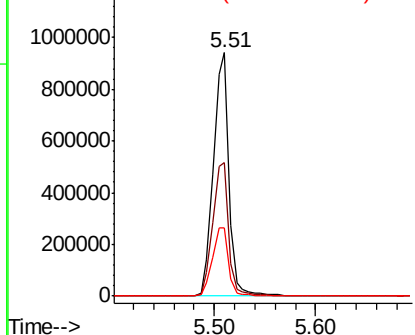
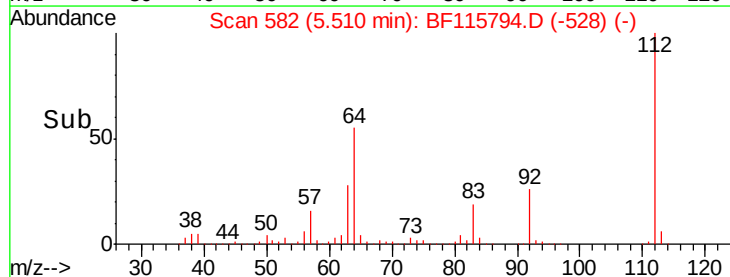
#5

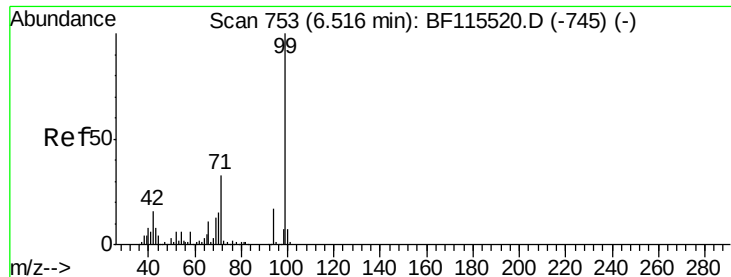
2-Fluorophenol
 Concen: 118.077 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF115794.D
 Acq: 26 Jul 2019 18:44

Tgt Ion:112 Resp: 1009568
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.8 68.8
 63 28.1 23.6 35.4



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: 107.277 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

Instrument :

BNA_F

ClientSampleId :

BU-03-072419

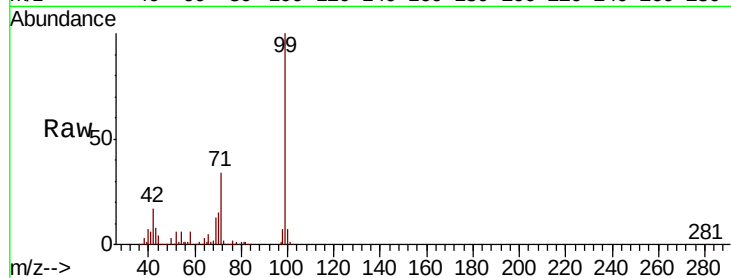
Tot Ion: 99 Resp: 1163861

Ion Ratio Lower Upper

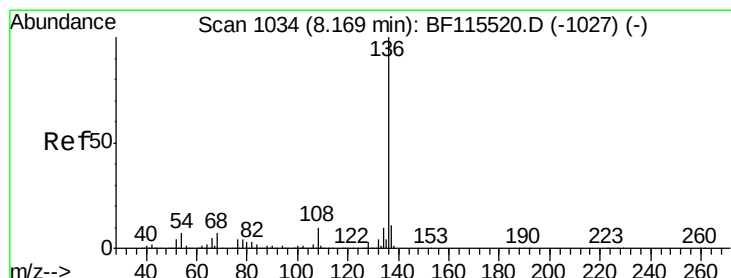
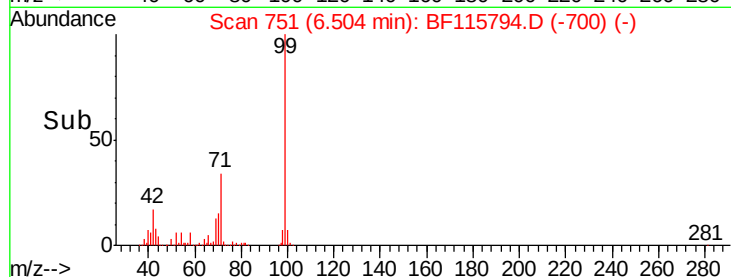
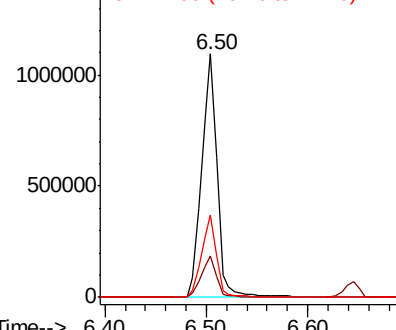
99 100

42 16.9 13.4 20.2

71 33.9 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

Tgt Ion: 136 Resp: 548969

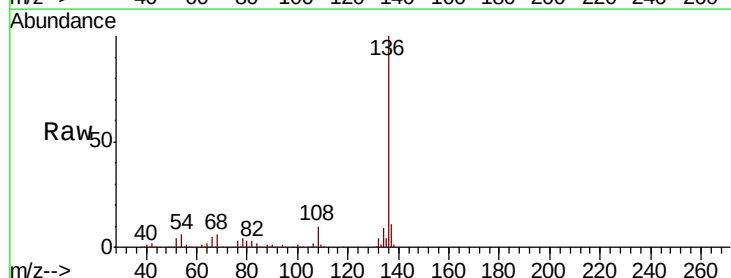
Ion Ratio Lower Upper

136 100

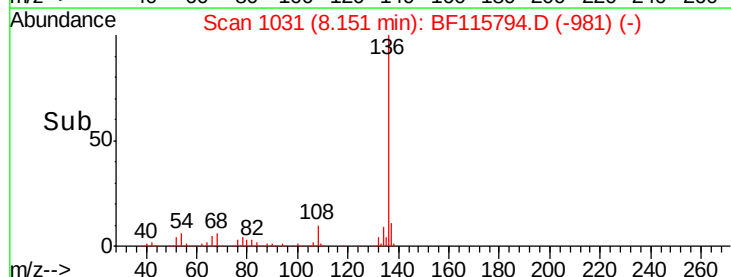
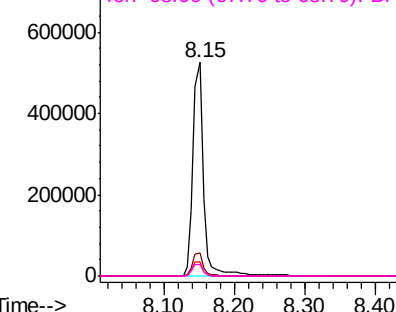
137 10.5 8.7 13.1

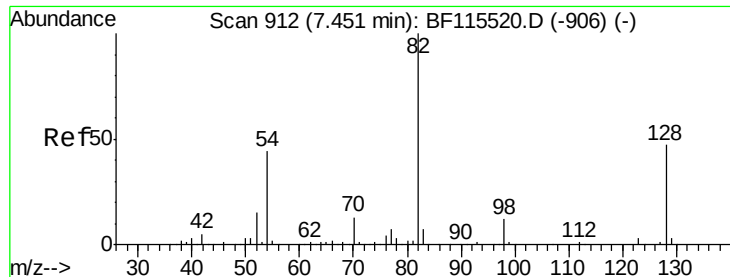
54 6.4 5.0 7.6

68 5.6 4.7 7.1



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

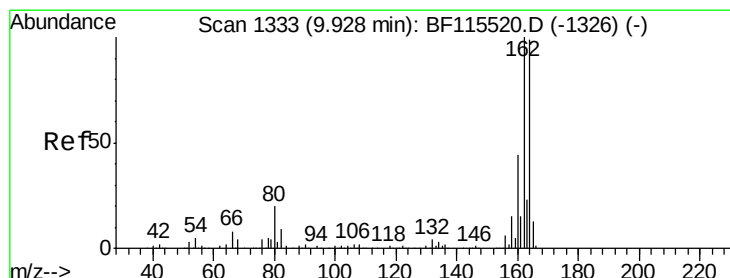
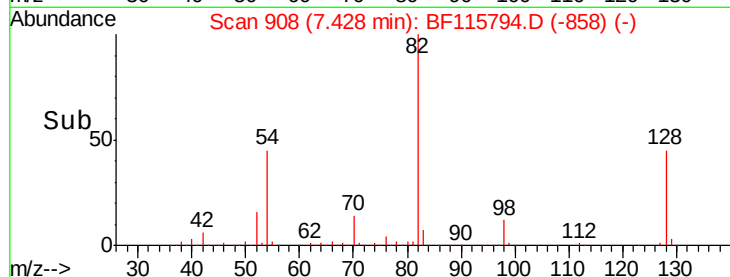
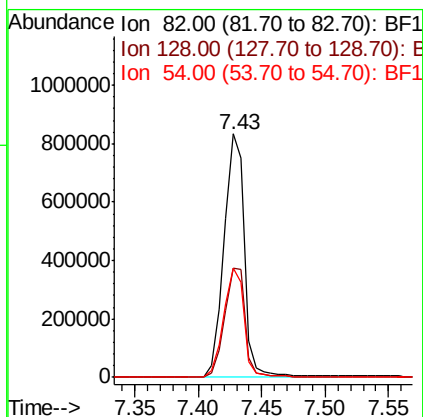
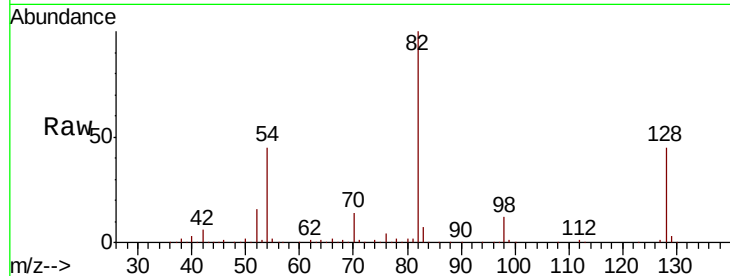




#23
 Nitrobenzene-d5
 Concen: 99.141 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115794.D
 Acq: 26 Jul 2019 18:44

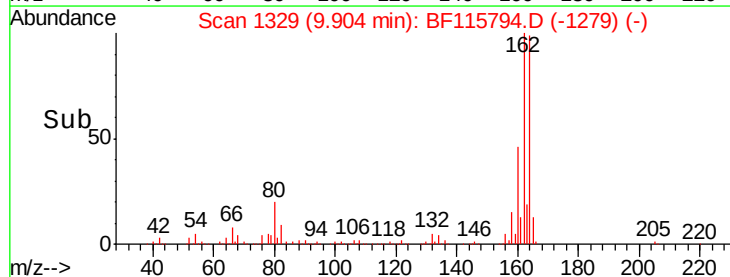
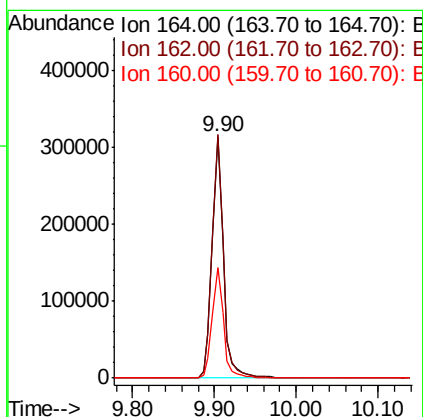
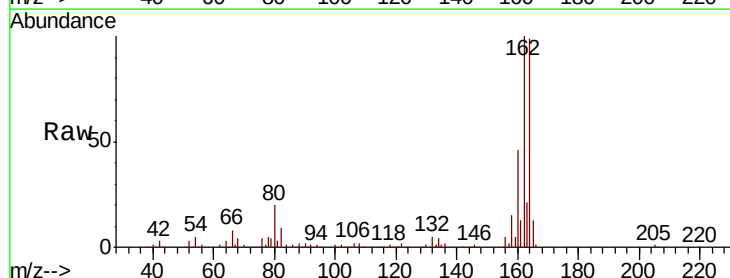
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-072419

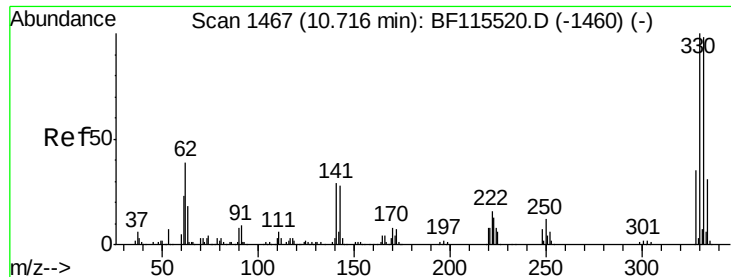
Tot Ion: 82 Resp: 936002
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.6 55.0
 54 45.1 36.6 54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115794.D
 Acq: 26 Jul 2019 18:44

Tgt Ion:164 Resp: 304988
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.6
 160 45.9 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 128.845 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

Instrument :

BNA_F

ClientSampleId :

BU-03-072419

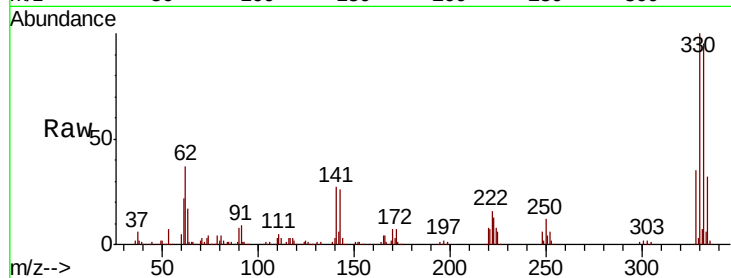
Tot Ion:330 Resp: 458683

Ion Ratio Lower Upper

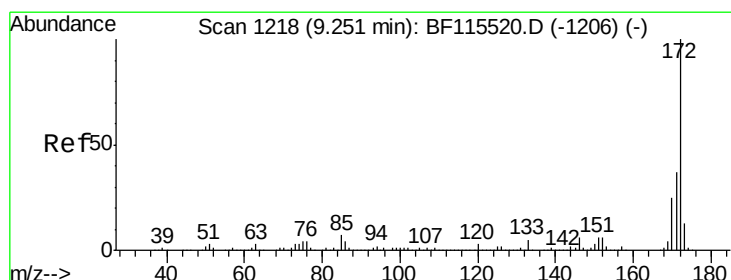
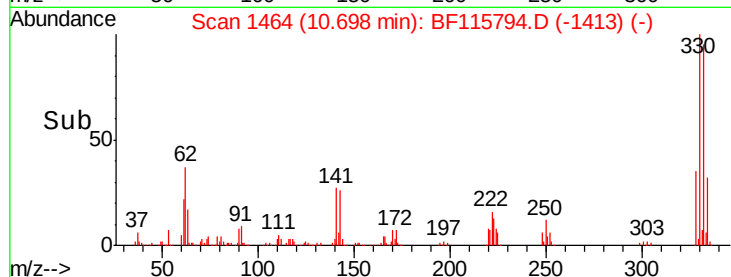
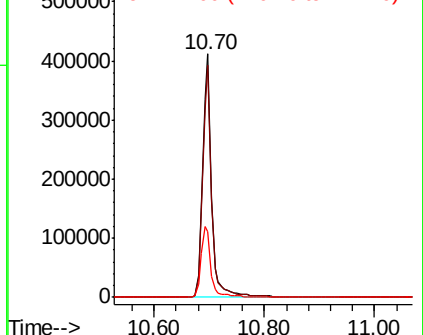
330 100

332 95.1 76.1 114.1

141 32.8 25.9 38.9



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: 97.130 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

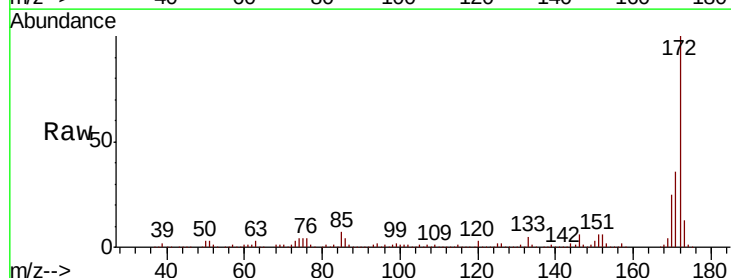
Tgt Ion:172 Resp: 1692505

Ion Ratio Lower Upper

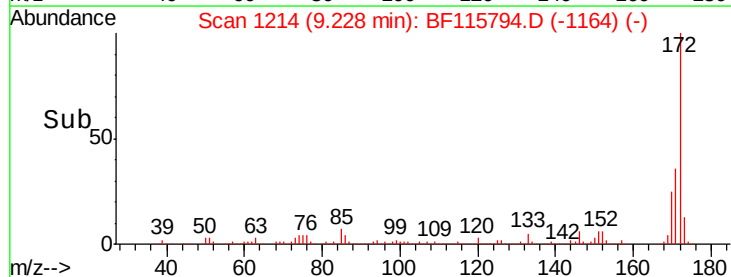
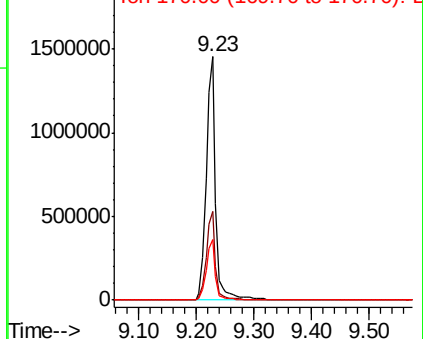
172 100

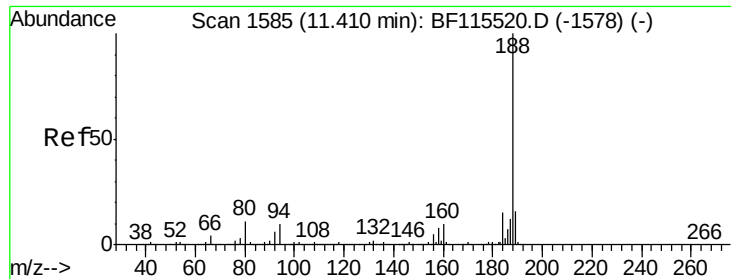
171 36.3 29.0 43.4

170 24.8 20.1 30.1



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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

Instrument :

BNA_F

ClientSampleId :

BU-03-072419

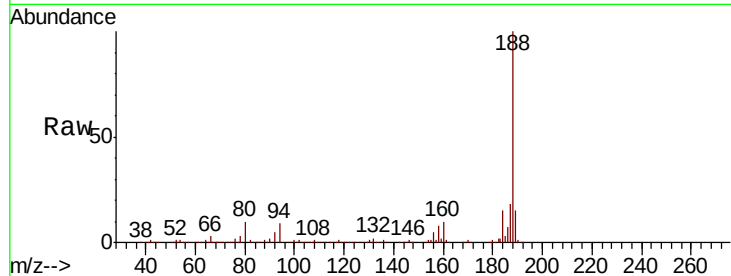
Tot Ion:188 Resp: 554900

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

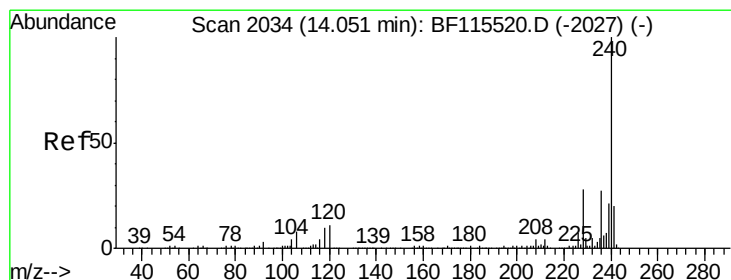
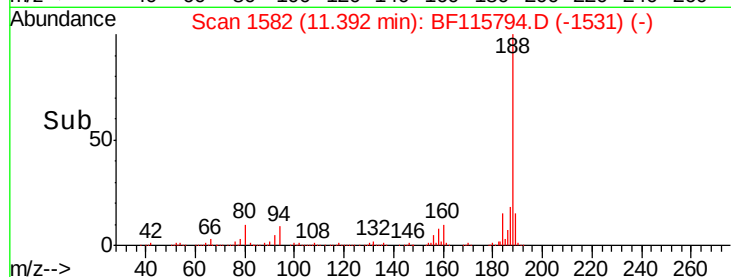
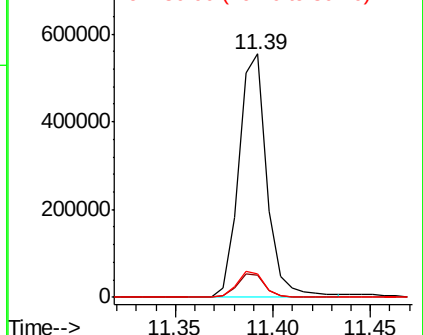
80 9.5 9.0 13.6



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

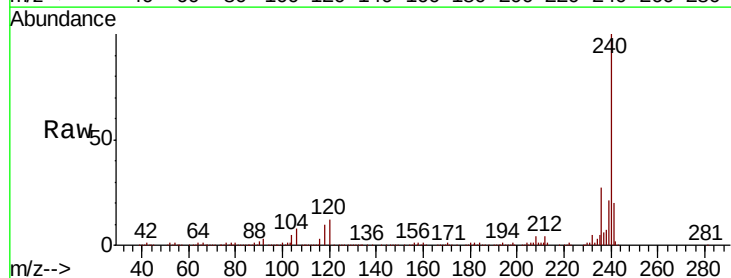
Tgt Ion:240 Resp: 464104

Ion Ratio Lower Upper

240 100

120 11.7 10.0 15.0

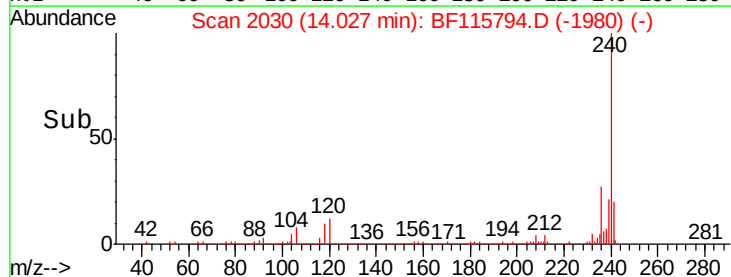
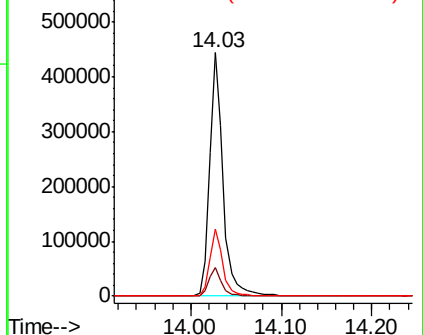
236 27.3 21.8 32.6

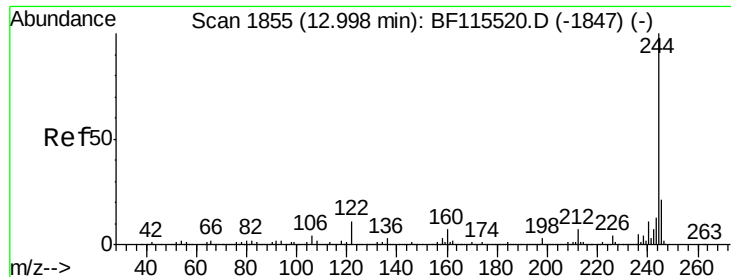


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.951 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

Instrument :

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BU-03-072419

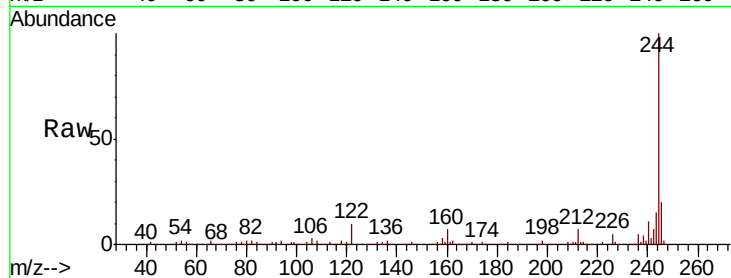
Tot Ion:244 Resp: 2061272

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

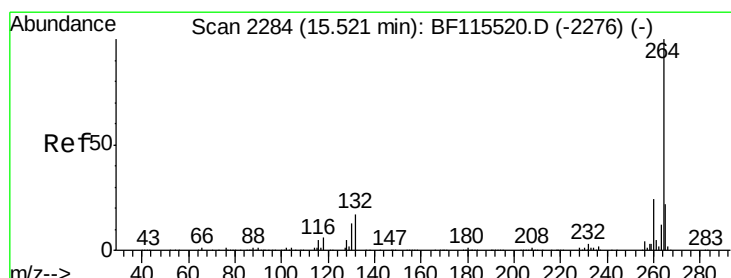
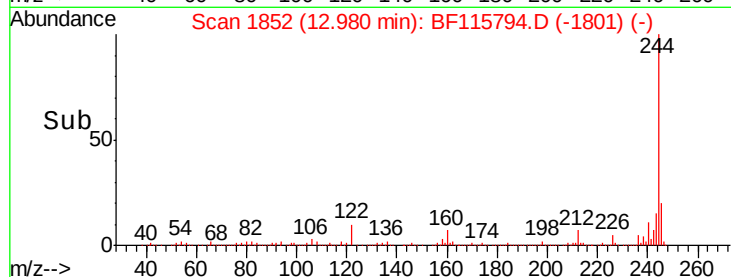
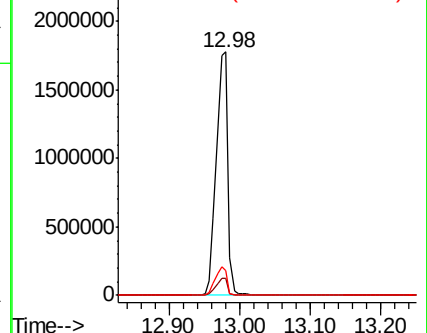
122 10.1 8.2 12.4



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: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF115794.D

Acq: 26 Jul 2019 18:44

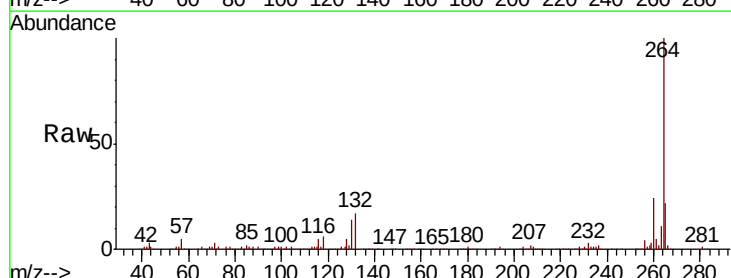
Tgt Ion:264 Resp: 439019

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 22.1 17.5 26.3



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

