

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115734.D
 Acq On : 23 Jul 2019 22:09
 Operator : HP/JU
 Sample : K3943-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

Quant Time: Jul 24 06:55:15 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

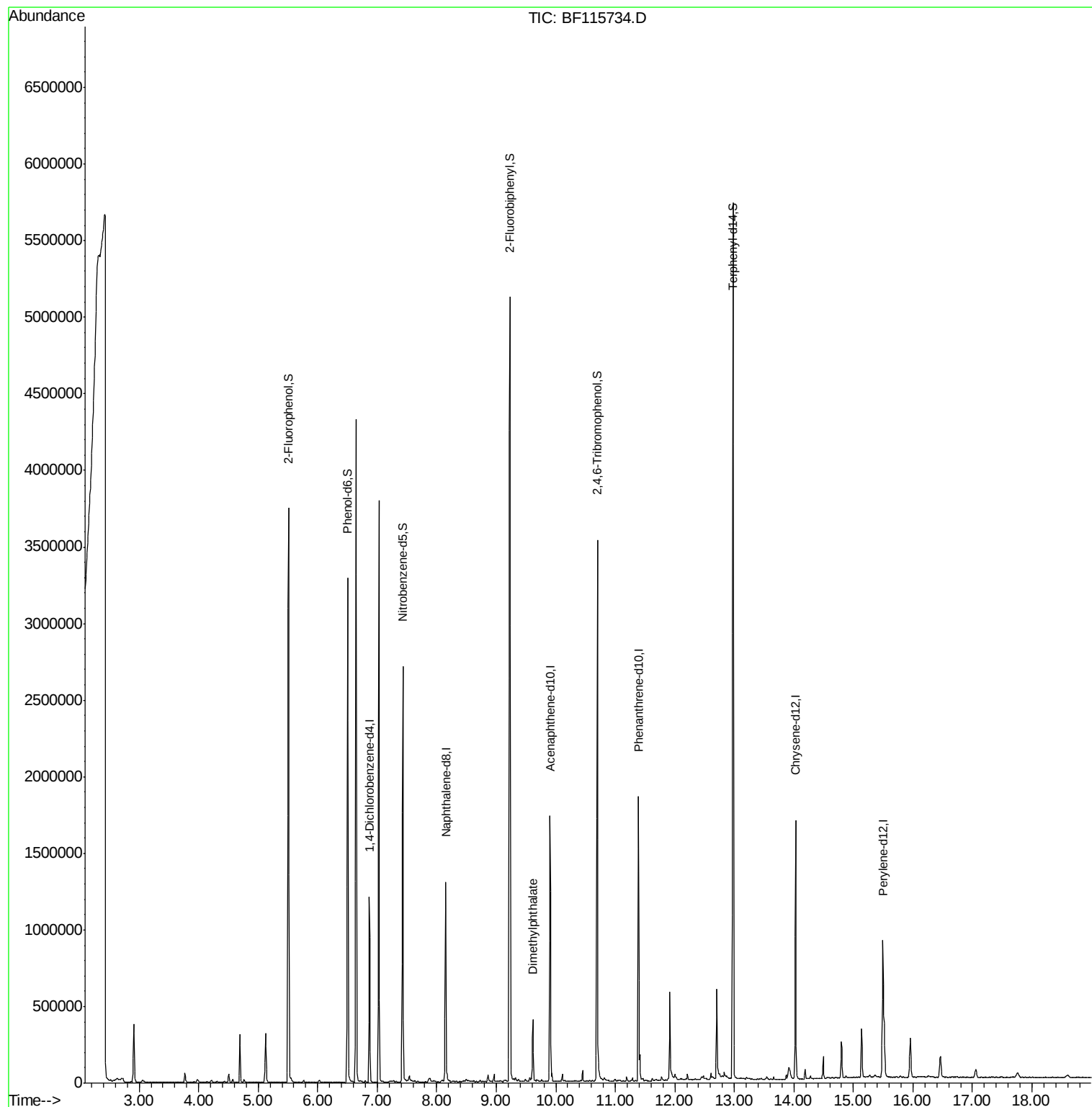
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166774	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	645571	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	361682	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	665408	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	509889	20.00	ng	-0.02
87) Perylene-d12	15.50	264	454376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1133362	111.16	ng	0.00
7) Phenol-d6	6.50	99	1338246	103.44	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1079234	97.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	552611	130.90	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1955778	94.65	ng	-0.02
79) Terphenyl-d14	12.98	244	2439143	88.27	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	169353	6.223	ng	Qvalue 97

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

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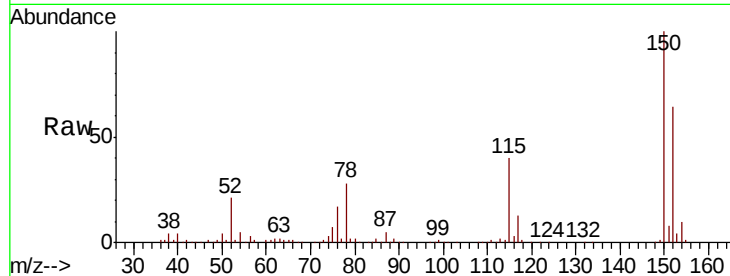


#1

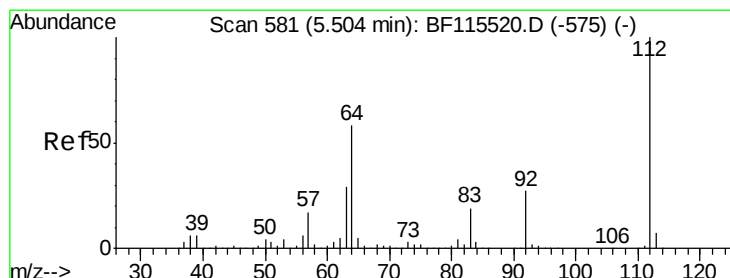
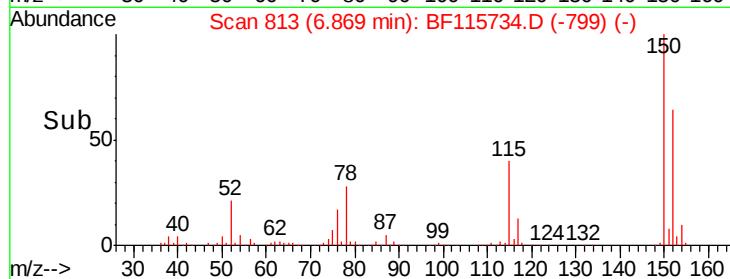
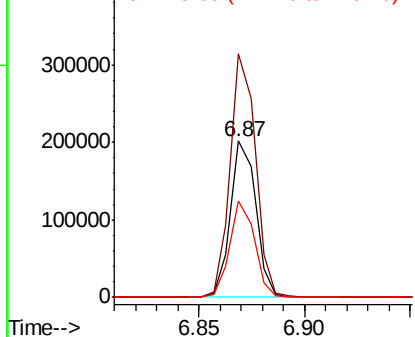
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tot Ion:152 Resp: 166774
Ion Ratio Lower Upper
152 100
150 156.1 129.7 194.5
115 62.0 48.2 72.4



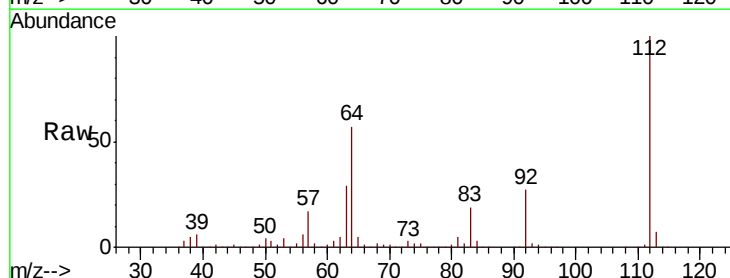
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



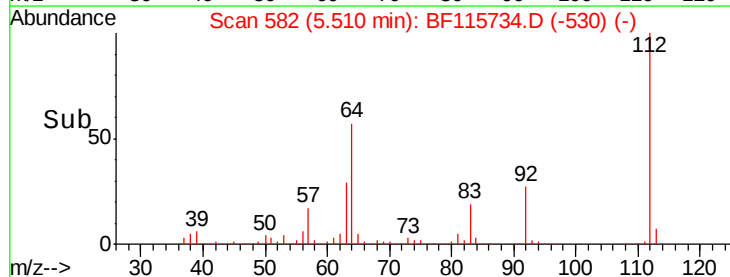
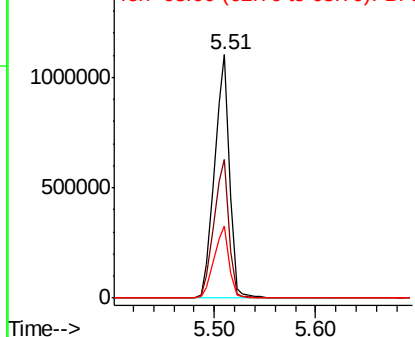
#5

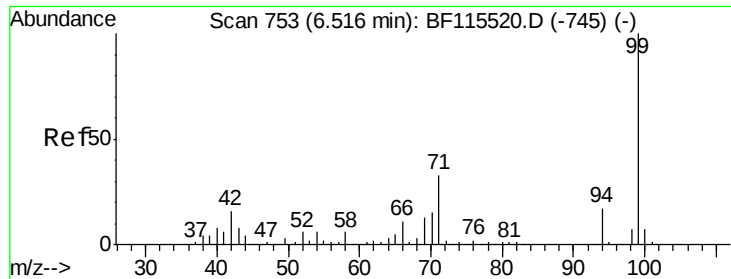
2-Fluorophenol
Concen: 111.160 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Tgt Ion:112 Resp: 1133362
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.4 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: 103.441 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

PA-71619

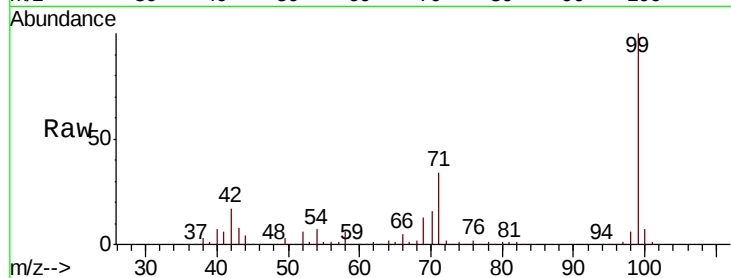
Tot Ion: 99 Resp: 1338246

Ion Ratio Lower Upper

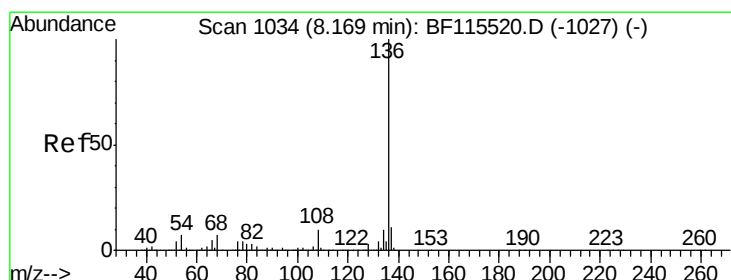
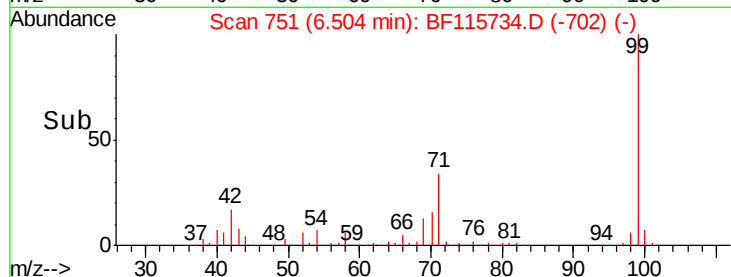
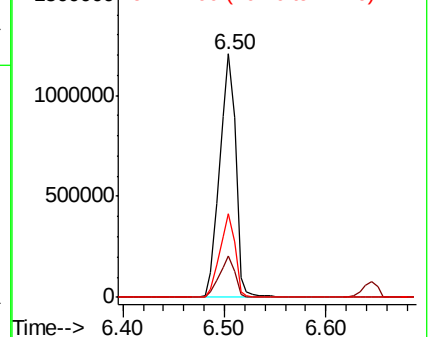
99 100

42 16.7 13.6 20.4

71 34.2 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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Tgt Ion: 136 Resp: 645571

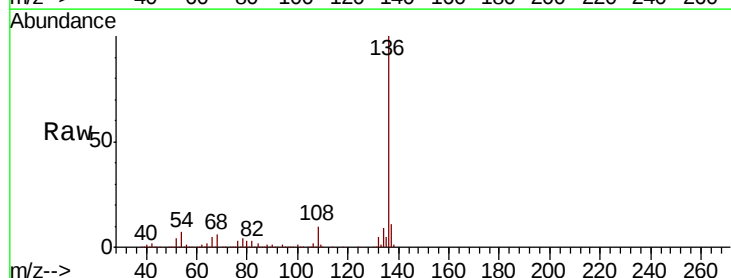
Ion Ratio Lower Upper

136 100

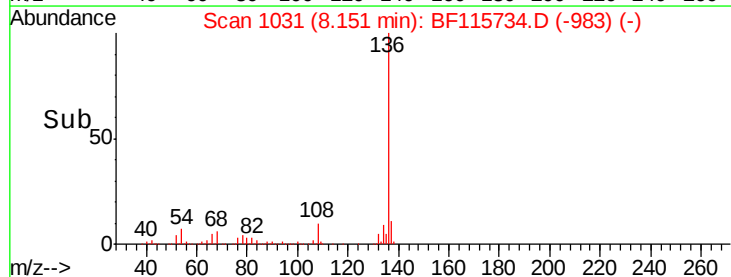
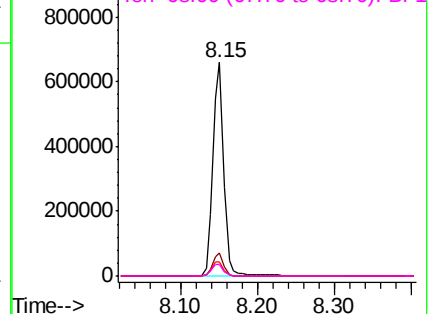
137 11.1 9.0 13.4

54 6.7 5.6 8.4

68 5.7 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

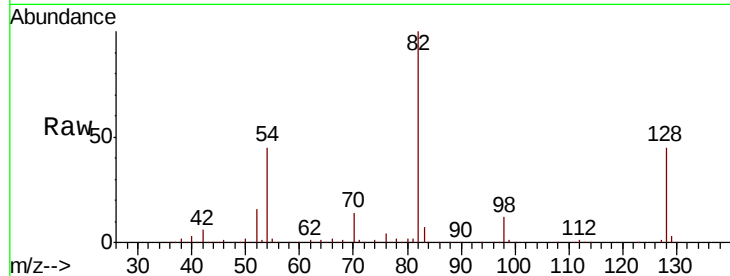




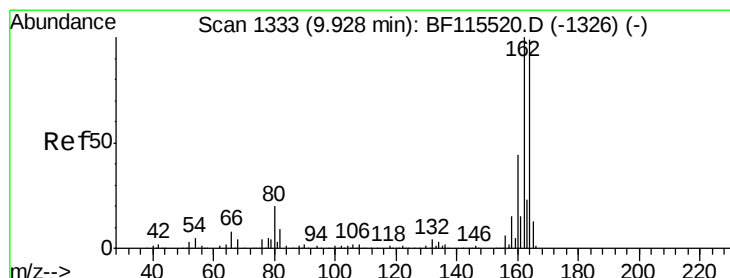
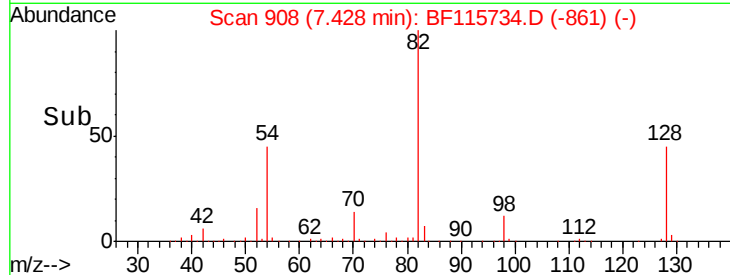
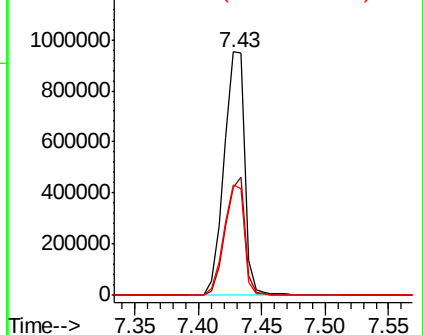
#23
 Nitrobenzene-d5
 Concen: 97.207 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF115734.D
 Acq: 23 Jul 2019 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

Tot Ion: 82 Resp: 1079234
 Ion Ratio Lower Upper
 82 100
 128 44.6 38.6 57.8
 54 45.4 35.6 53.4

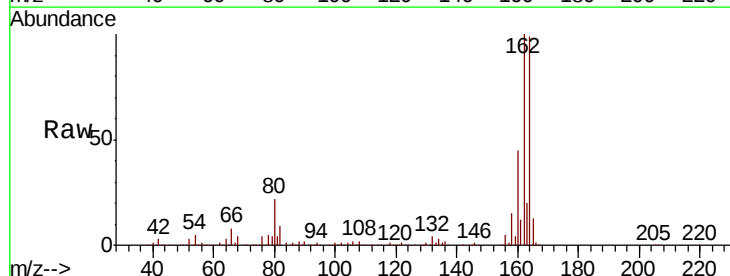


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

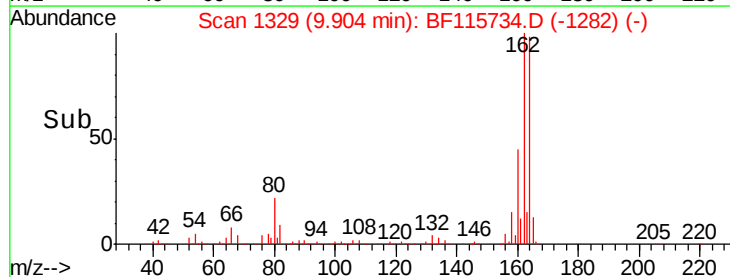
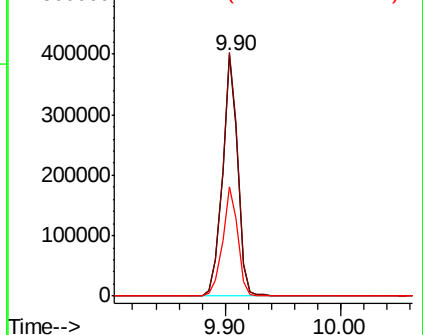


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF115734.D
 Acq: 23 Jul 2019 22:09

Tgt Ion:164 Resp: 361682
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.9 124.3
 160 45.2 36.8 55.2



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: 130.898 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

PA-71619

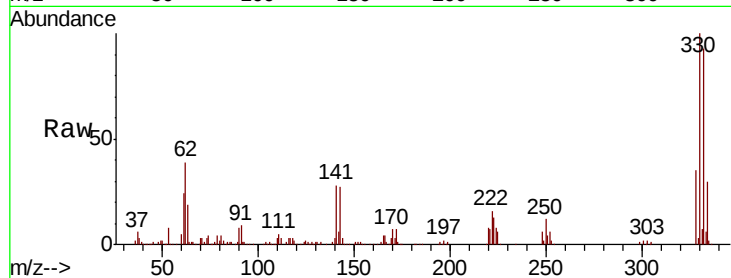
Tot Ion:330 Resp: 552611

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

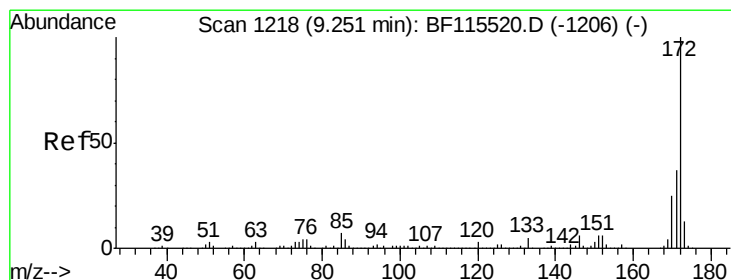
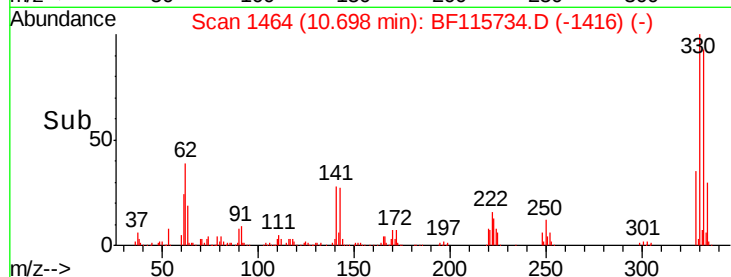
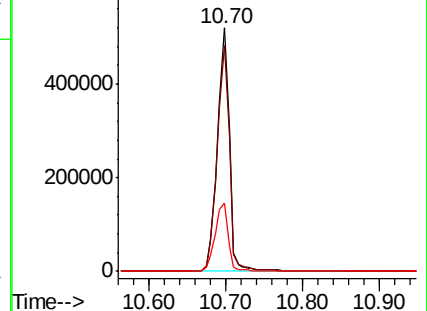
141 31.0 22.4 33.6



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: 94.646 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

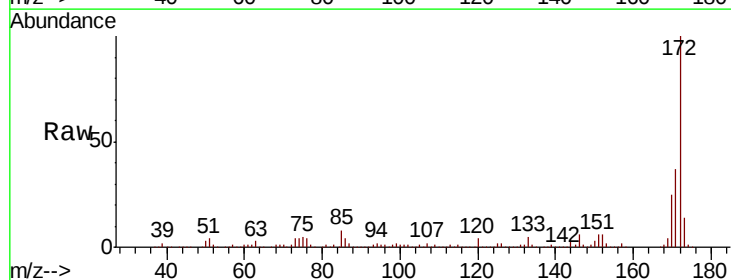
Tgt Ion:172 Resp: 1955778

Ion Ratio Lower Upper

172 100

171 37.1 30.6 46.0

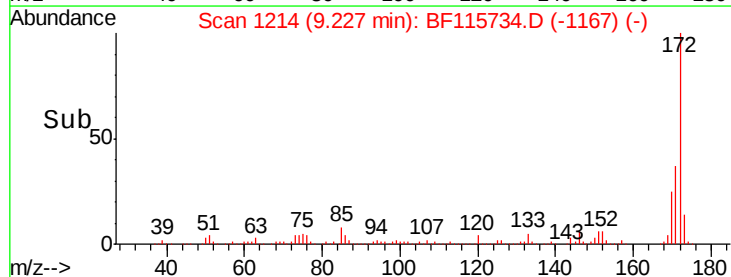
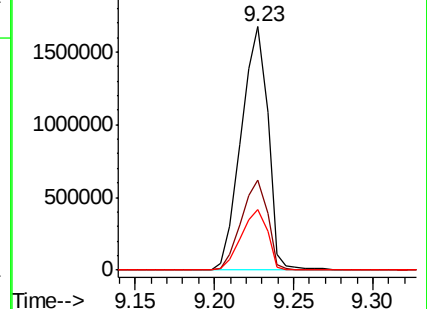
170 25.0 20.5 30.7

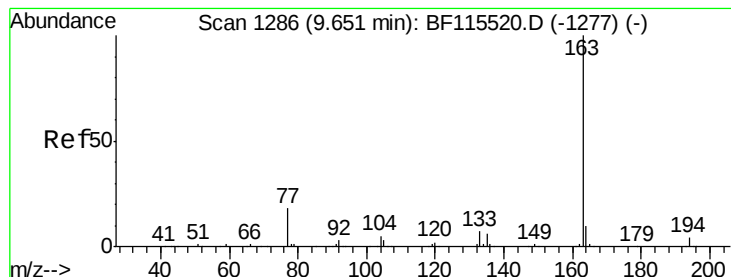


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.223 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

PA-71619

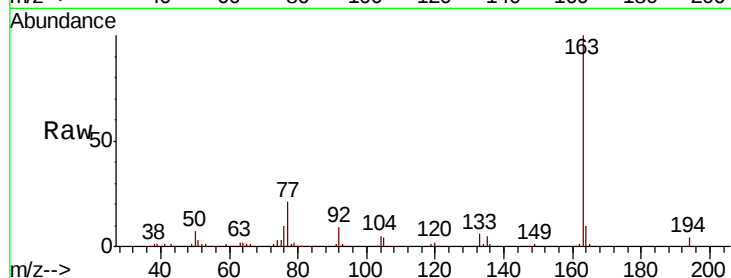
Tot Ion:163 Resp: 169353

Ion Ratio Lower Upper

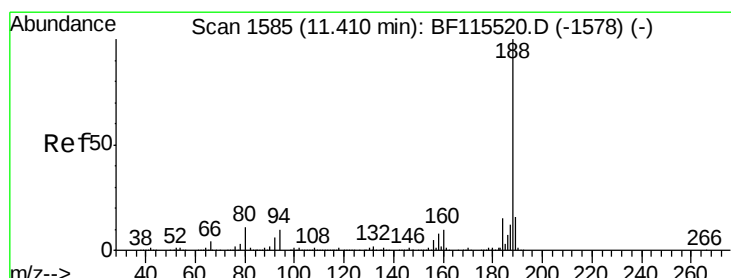
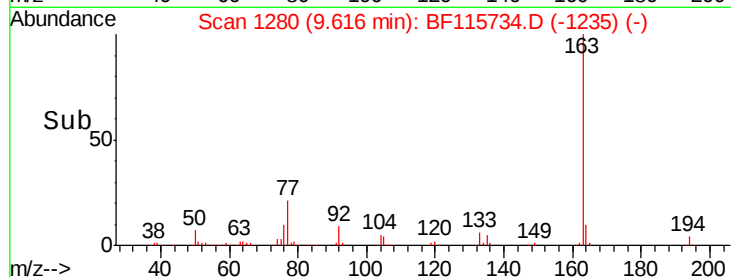
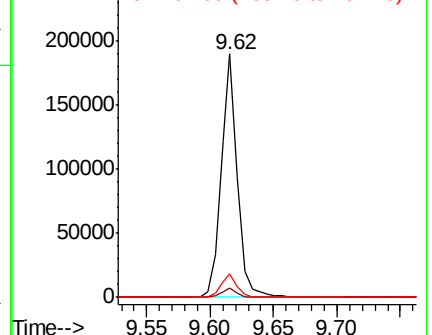
163 100

194 3.7 3.3 4.9

164 9.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

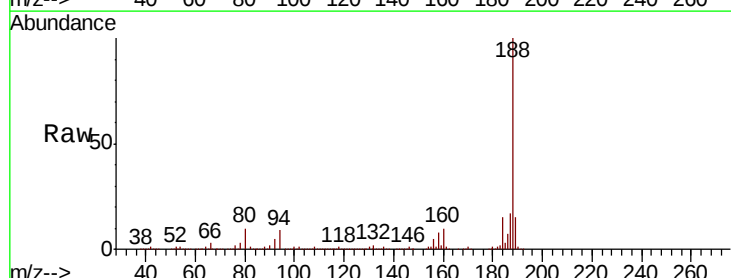
Tgt Ion:188 Resp: 665408

Ion Ratio Lower Upper

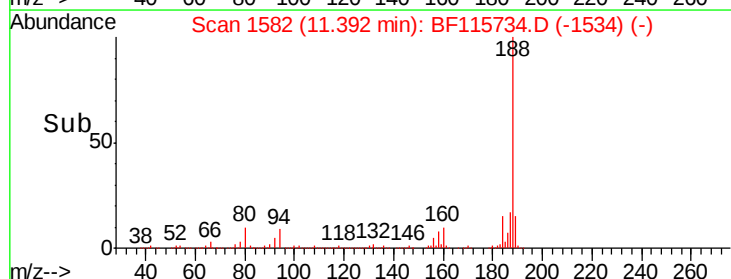
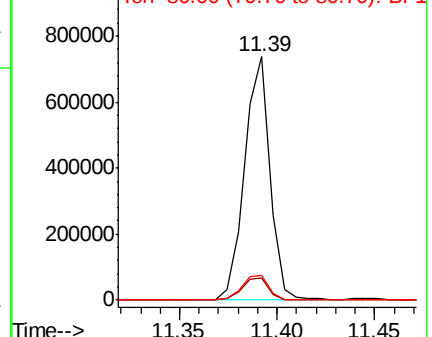
188 100

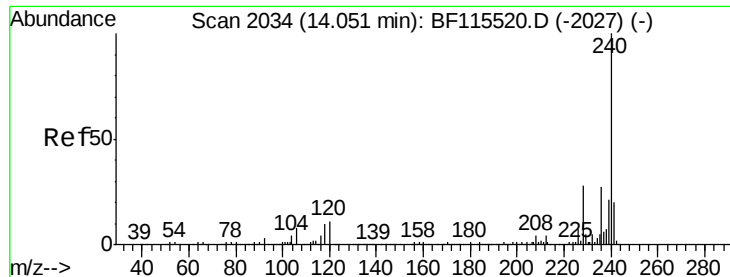
94 9.0 7.8 11.6

80 9.9 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

PA-71619

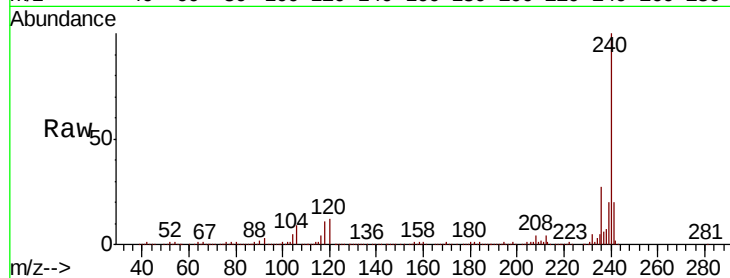
Tot Ion:240 Resp: 509889

Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

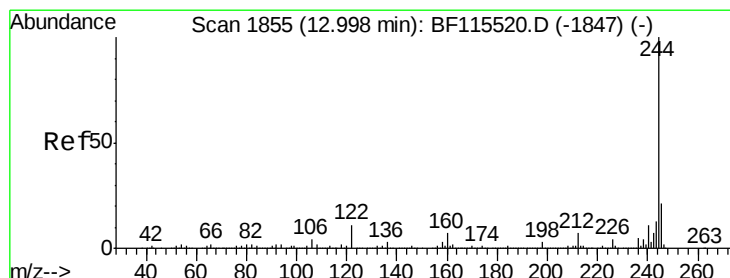
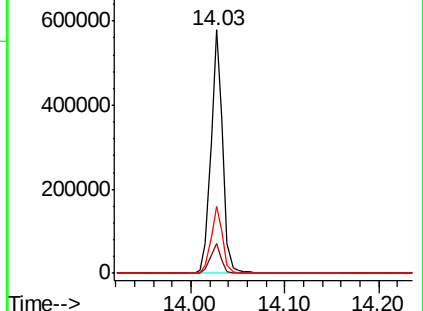
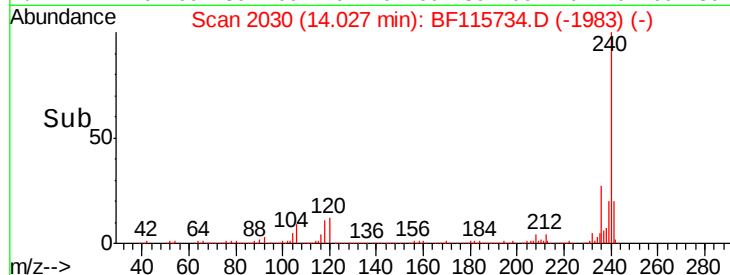
236 27.4 21.3 31.9



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



#79

Terphenyl-d14

Concen: 88.267 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

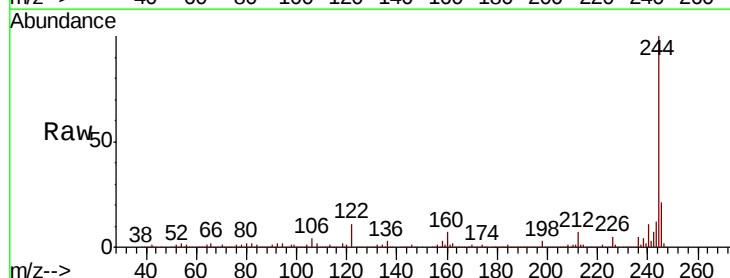
Tgt Ion:244 Resp: 2439143

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

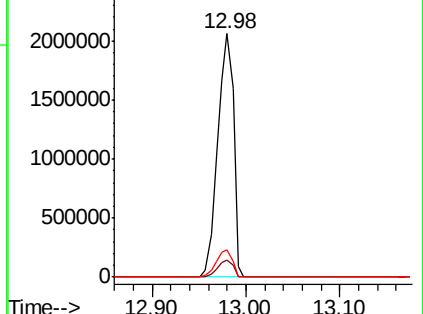
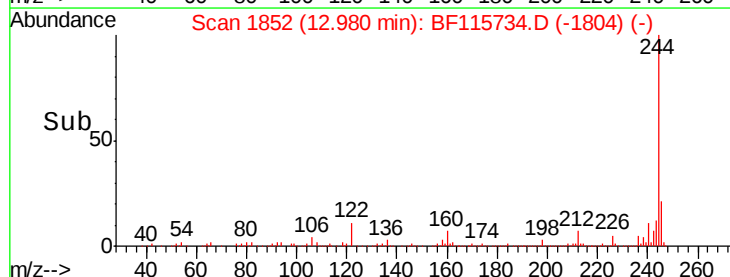
122 11.3 8.6 12.8

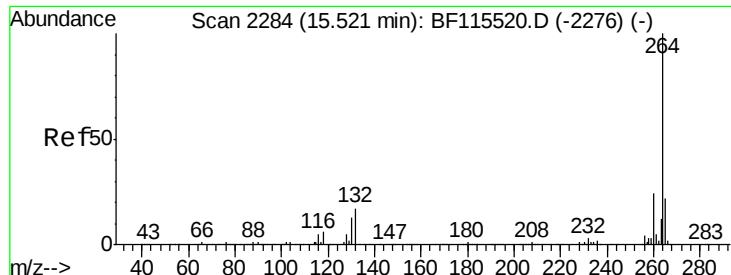


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

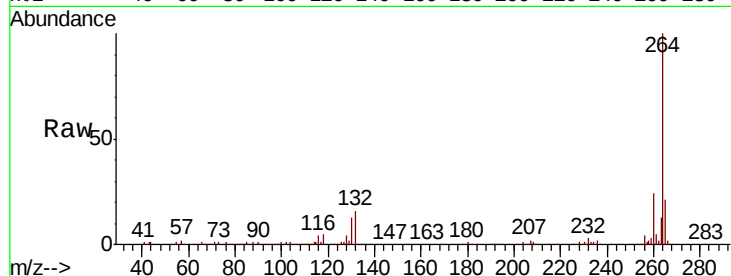




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF115734.D
 Acq: 23 Jul 2019 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.4	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

