

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116094.D
 Acq On : 9 Aug 2019 3:24
 Operator : HP/JU
 Sample : K4154-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-1RE

Quant Time: Aug 09 17:04:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

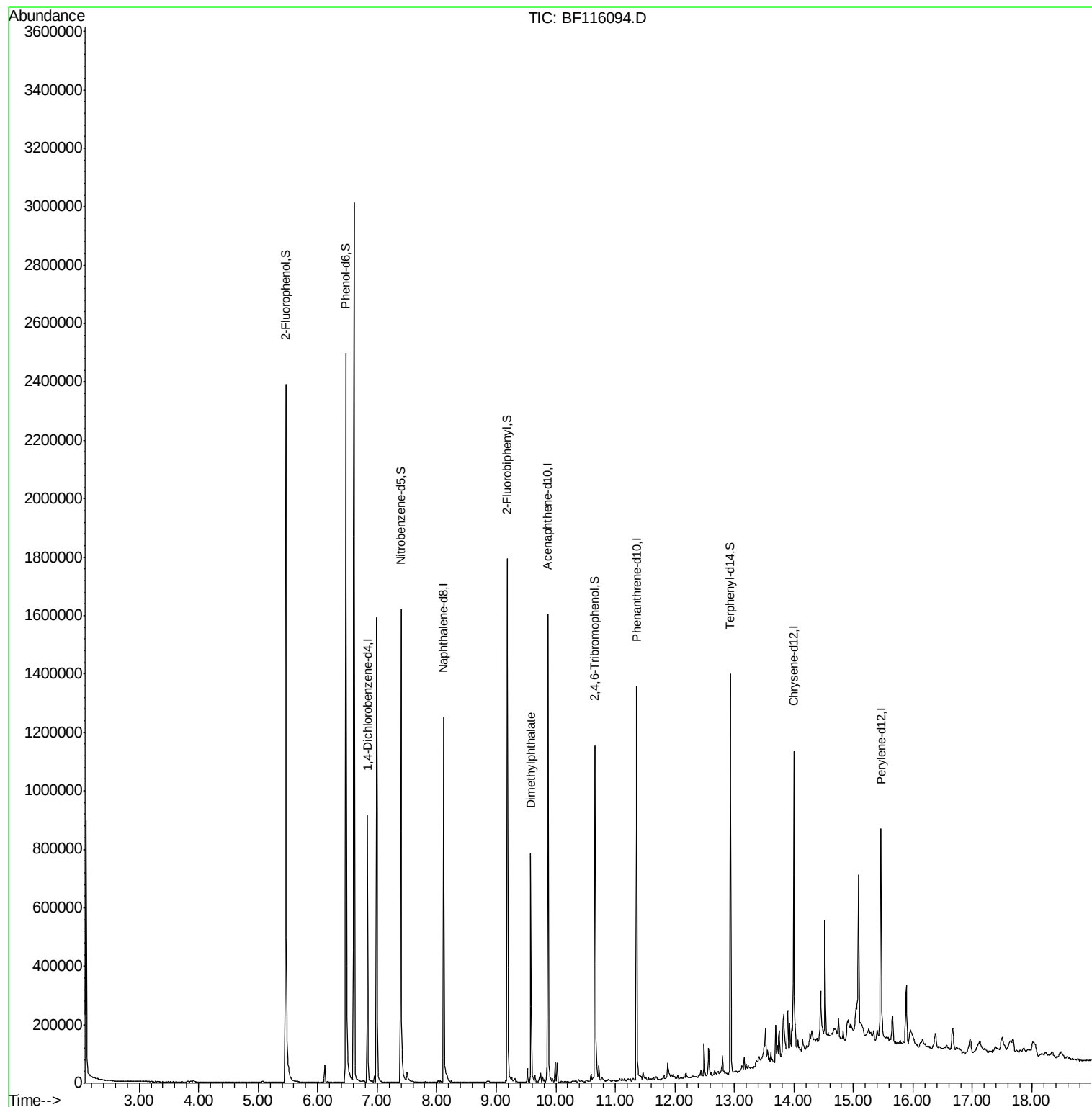
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146870	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	598297	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	310212	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	479808	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	320966	20.00	ng	-0.01
87) Perylene-d12	15.46	264	328837	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	760207	86.65	ng	0.00
7) Phenol-d6	6.47	99	983506	88.85	ng	-0.01
23) Nitrobenzene-d5	7.40	82	557412	53.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	160350	53.32	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	585144	35.33	ng	-0.02
79) Terphenyl-d14	12.93	244	436245	28.64	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	348930	16.520	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

PS-1RE

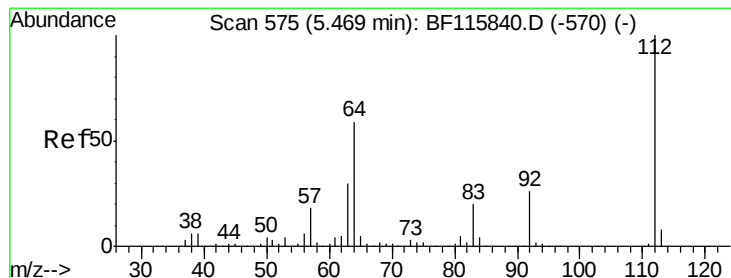
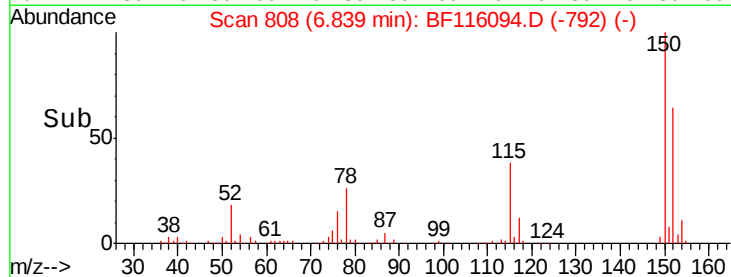
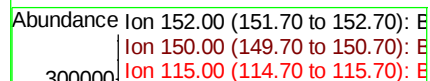
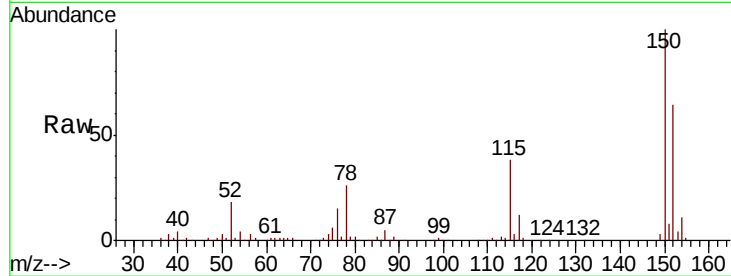
Tot Ion:152 Resp: 146870

Ion Ratio Lower Upper

152 100

150 155.1 126.2 189.2

115 58.4 49.9 74.9



#5

2-Fluorophenol

Concen: 86.650 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

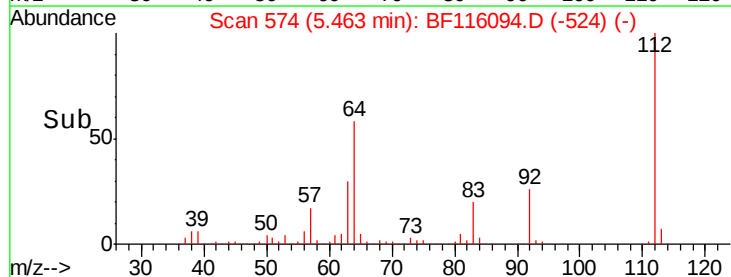
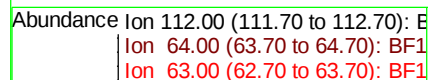
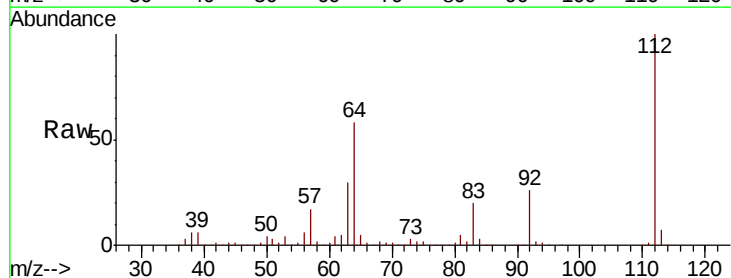
Tgt Ion:112 Resp: 760207

Ion Ratio Lower Upper

112 100

64 58.0 45.4 68.2

63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 88.852 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

PS-1RE

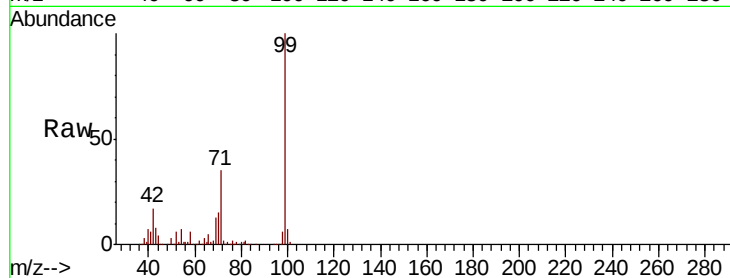
Tot Ion: 99 Resp: 983506

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

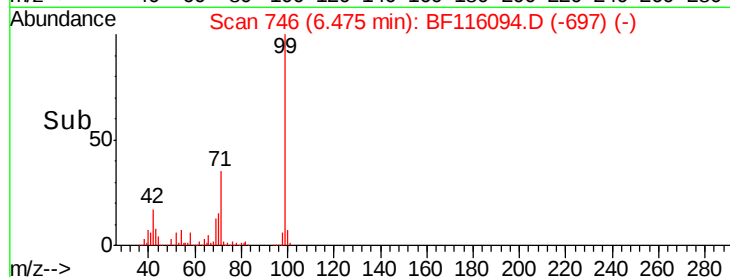
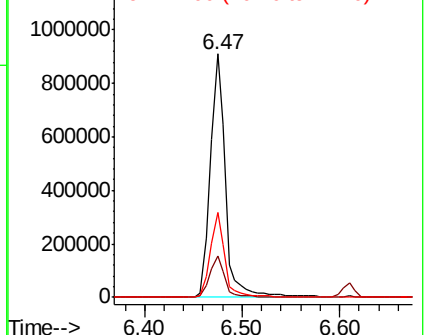
71 34.7 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Tgt Ion: 136 Resp: 598297

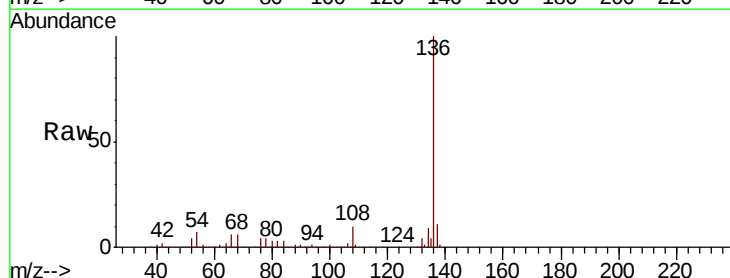
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.0 5.8 8.6

68 6.4 5.2 7.8

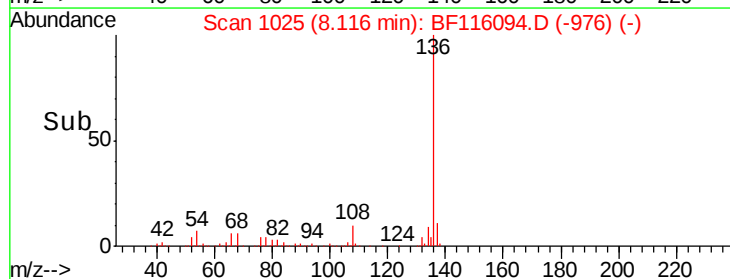
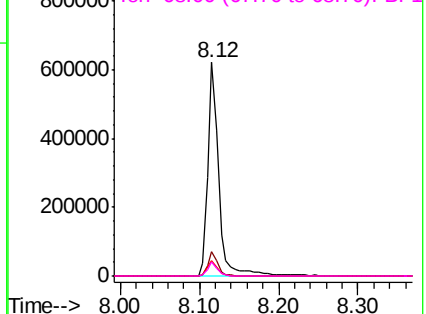


Abundance Ion 136.00 (135.70 to 136.70): E

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

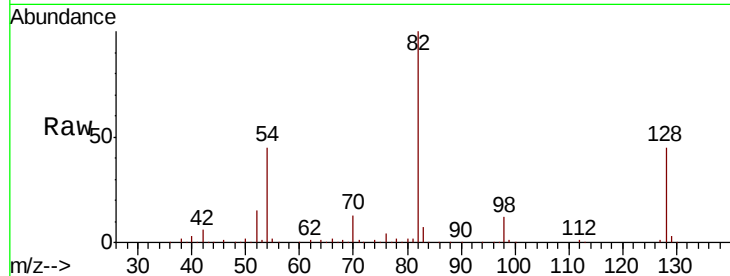




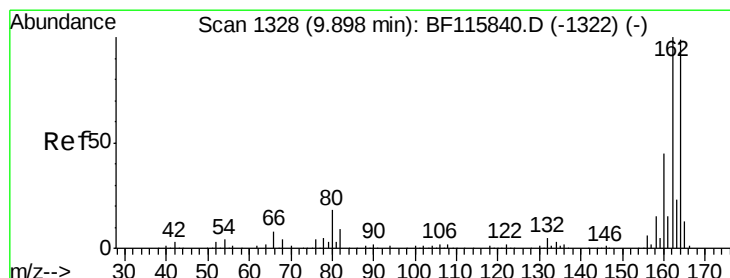
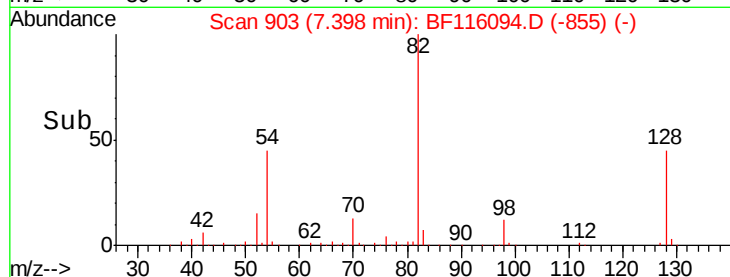
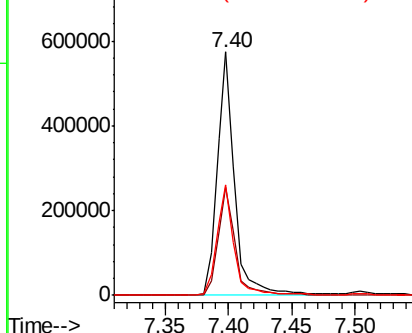
#23
 Nitrobenzene-d5
 Concen: 53.779 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116094.D
 Acq: 9 Aug 2019 3:24

Instrument :
 BNA_F
 ClientSampleId :
 PS-1RE

Tot Ion: 82 Resp: 557412
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.5 54.7
 54 45.3 36.0 54.0

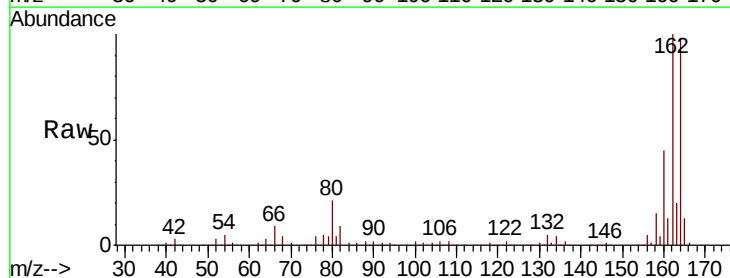


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

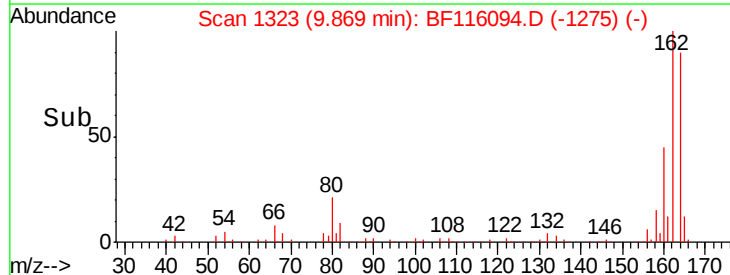
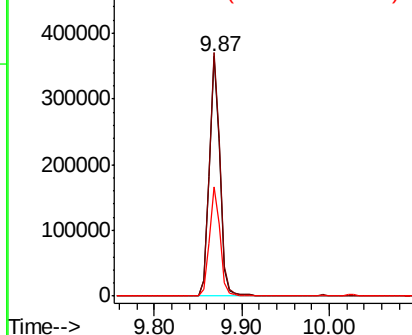


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116094.D
 Acq: 9 Aug 2019 3:24

Tgt Ion: 164 Resp: 310212
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 124.0
 160 45.7 37.6 56.4



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: 53.315 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

PS-1RE

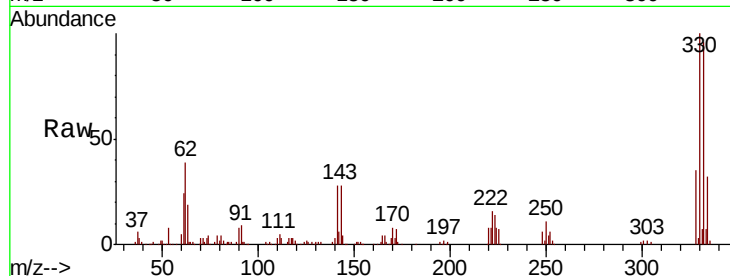
Tot Ion:330 Resp: 160350

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

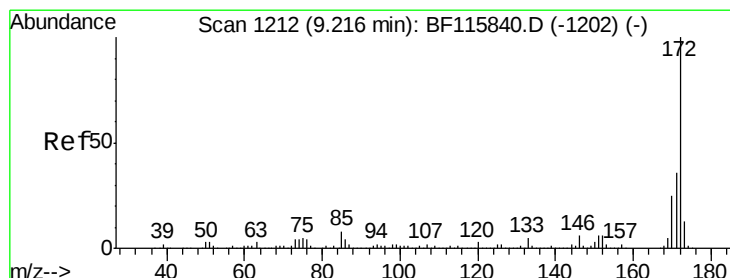
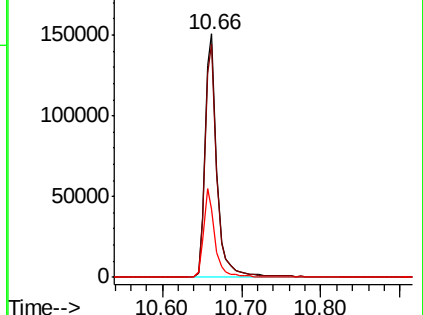
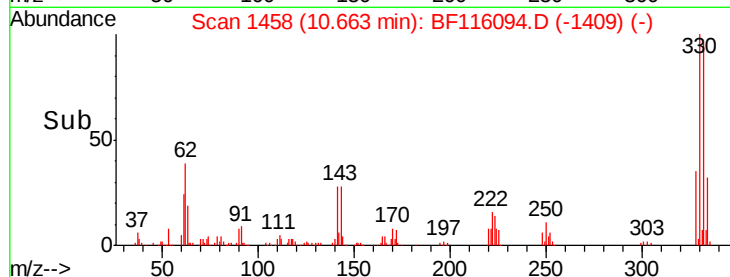
141 34.6 26.3 39.5



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: 35.331 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

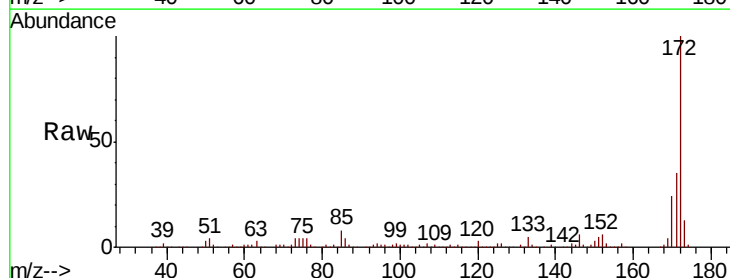
Tgt Ion:172 Resp: 585144

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

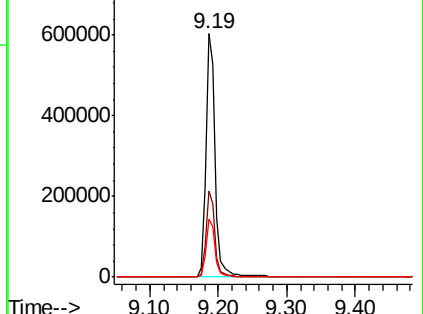
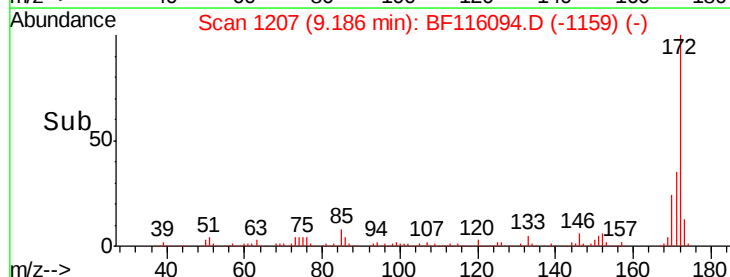
170 23.9 20.1 30.1

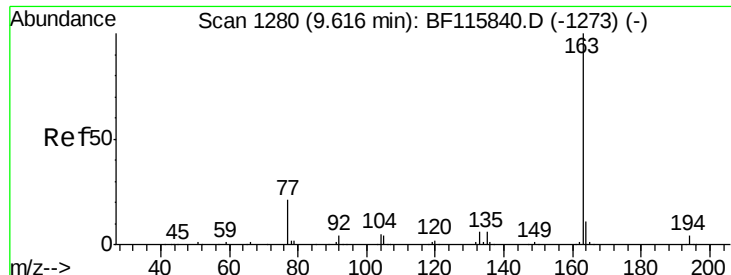


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.520 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

PS-1RE

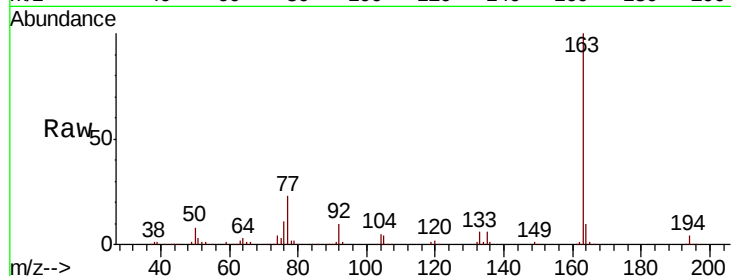
Tot Ion:163 Resp: 348930

Ion Ratio Lower Upper

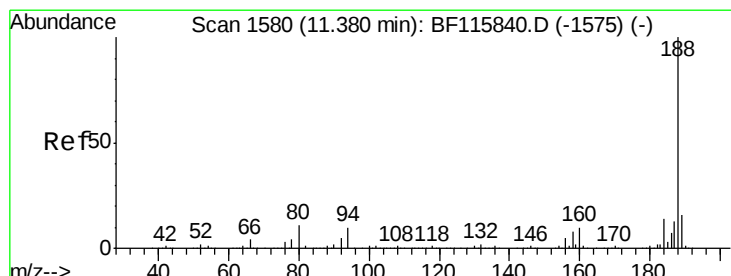
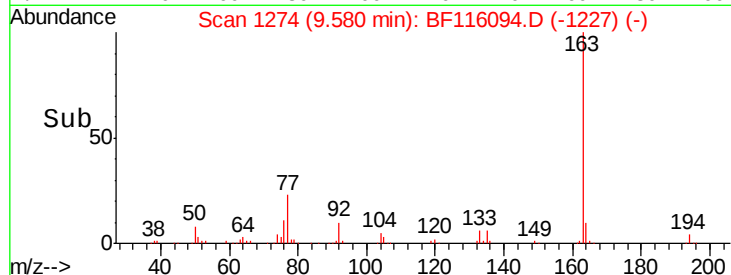
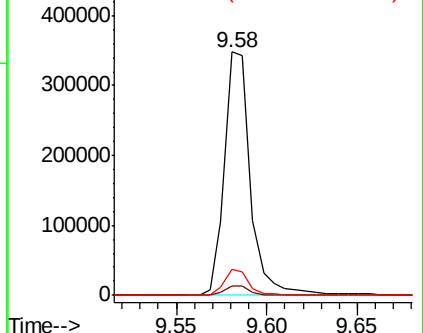
163 100

194 3.6 3.0 4.6

164 10.5 8.4 12.6



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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

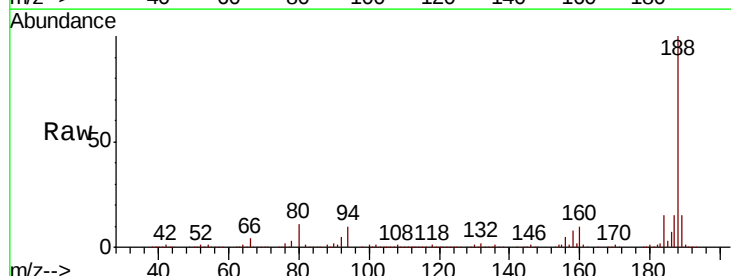
Tgt Ion:188 Resp: 479808

Ion Ratio Lower Upper

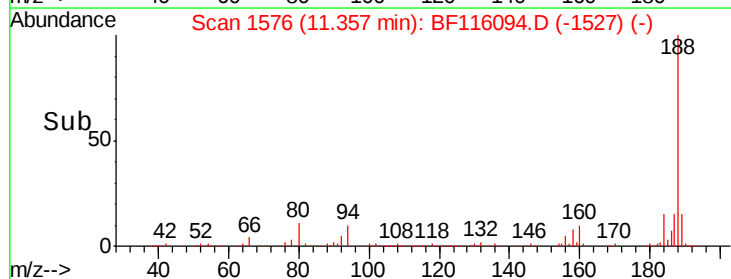
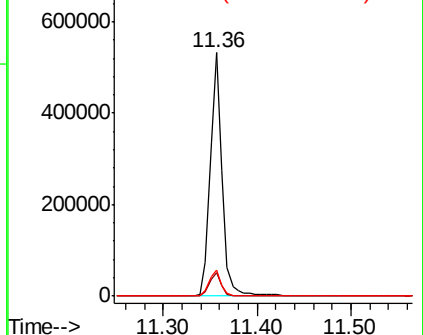
188 100

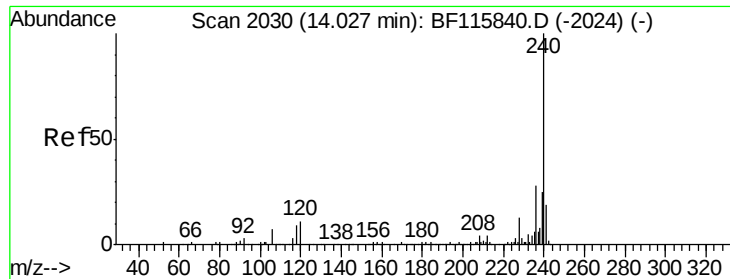
94 9.6 8.1 12.1

80 10.8 8.7 13.1



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

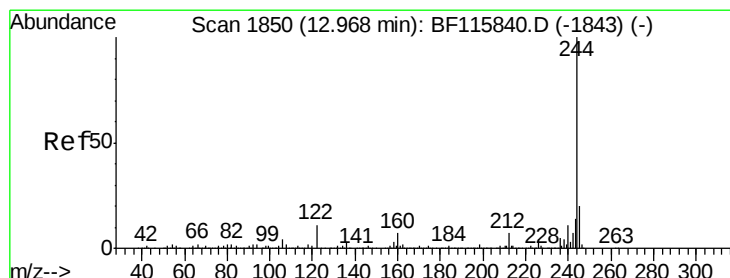
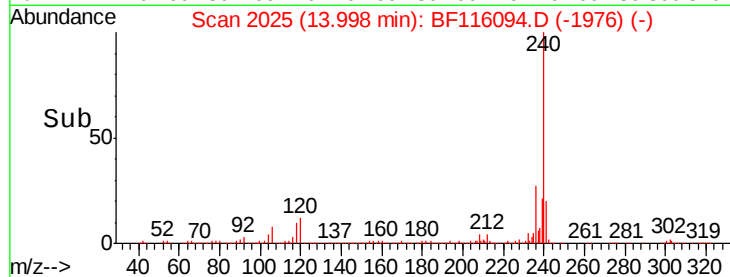
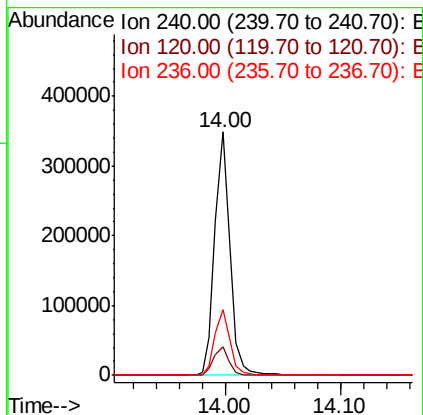
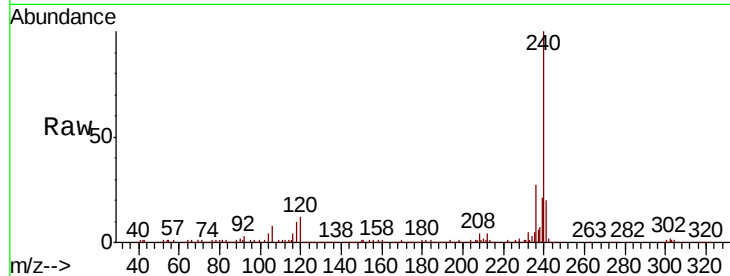




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116094.D
 Acq: 9 Aug 2019 3:24

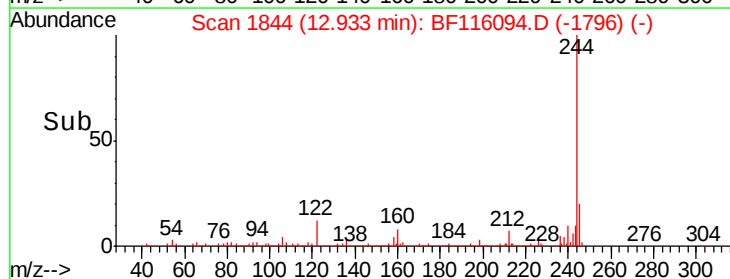
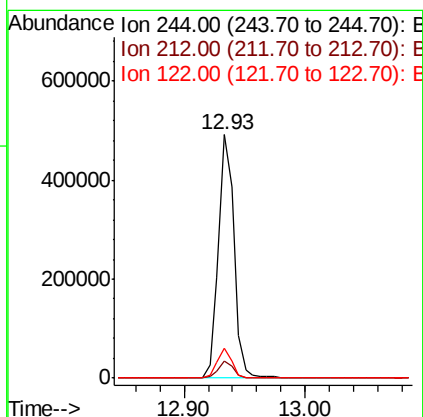
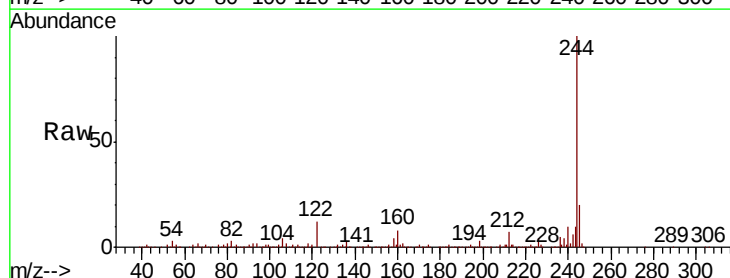
Instrument :
 BNA_F
 ClientSampleId :
 PS-1RE

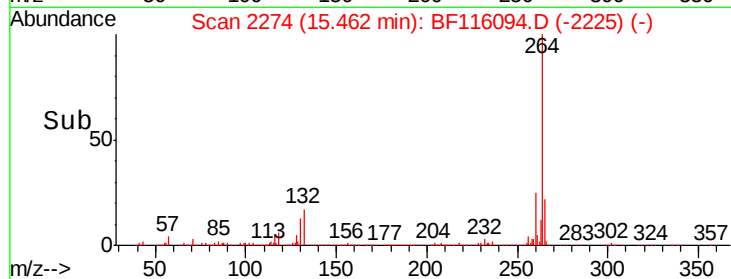
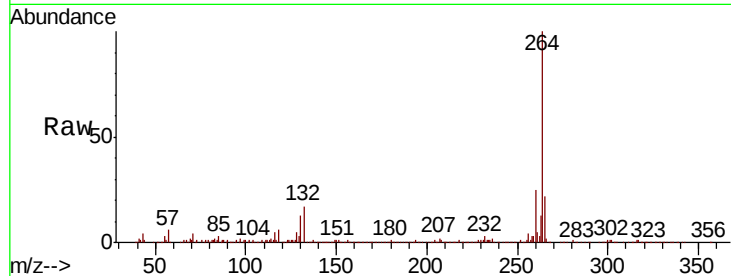
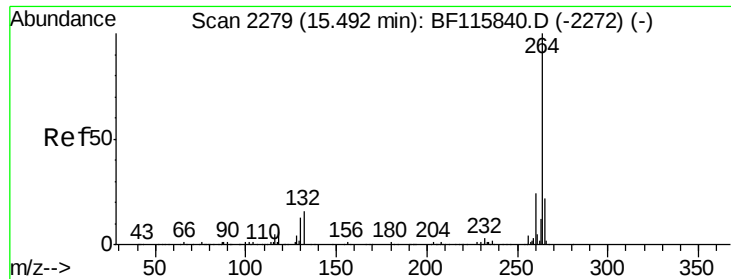
Tot Ion:240 Resp: 320966
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.7 16.1
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 28.640 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116094.D
 Acq: 9 Aug 2019 3:24

Tgt Ion:244 Resp: 436245
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.3 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116094.D
Acq: 9 Aug 2019 3:24

Instrument :
BNA_F
ClientSampleId :
PS-1RE

Tot Ion:	264	Resp:	328837
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.8	17.4	26.0

