

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116047.D
 Acq On : 7 Aug 2019 13:41
 Operator : HP/JU
 Sample : K4154-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-3

Quant Time: Aug 08 07:52:54 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

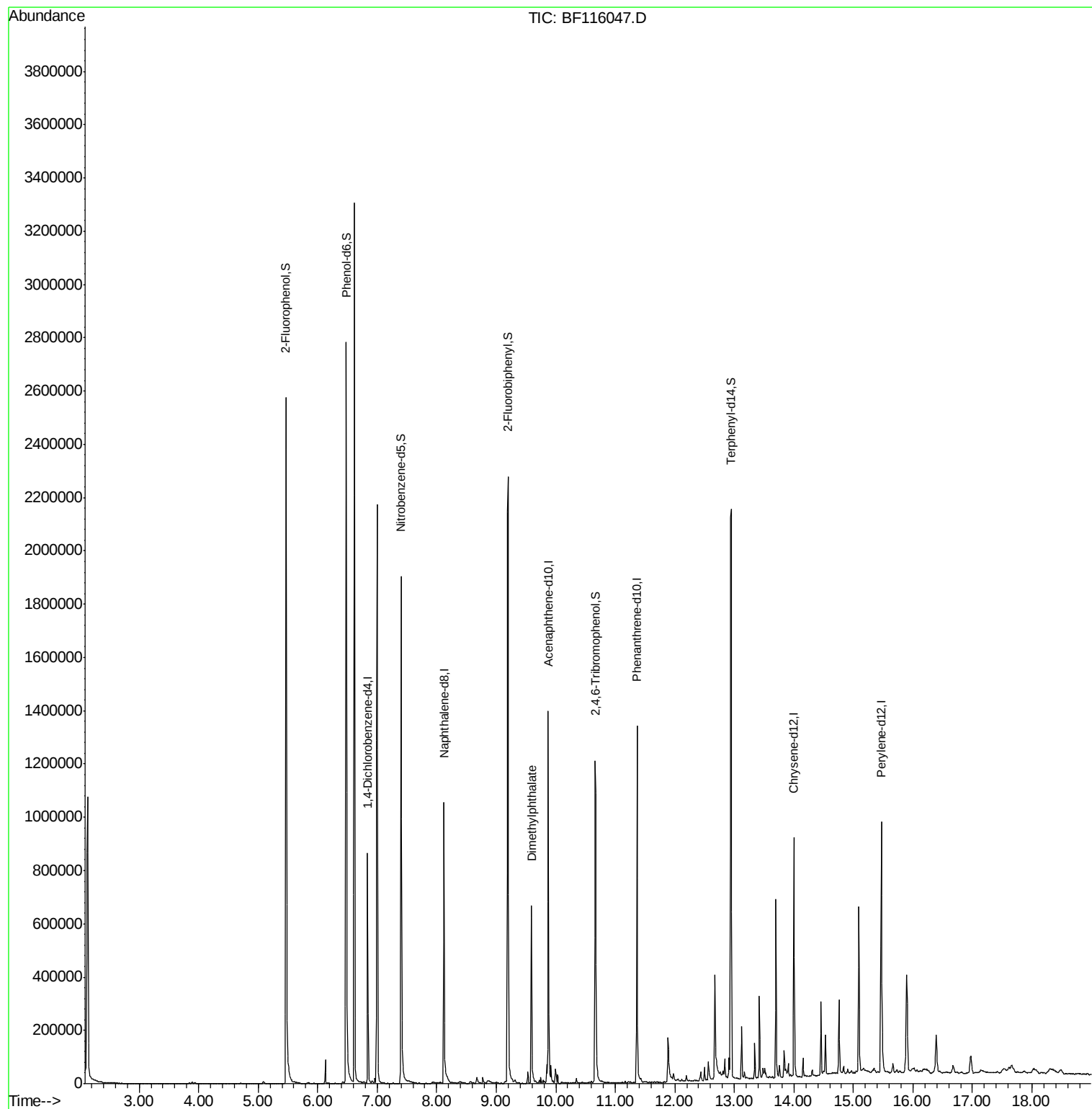
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135122	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	539616	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	284619	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	508163	20.00	ng	0.00
76) Chrysene-d12	14.00	240	312581	20.00	ng	0.00
87) Perylene-d12	15.47	264	310498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	854058	105.81	ng	0.00
7) Phenol-d6	6.48	99	1089046	106.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	676381	72.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	176209	63.86	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	799214	52.60	ng	0.00
79) Terphenyl-d14	12.94	244	777207	52.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	330971	17.079	ng	Qvalue 99

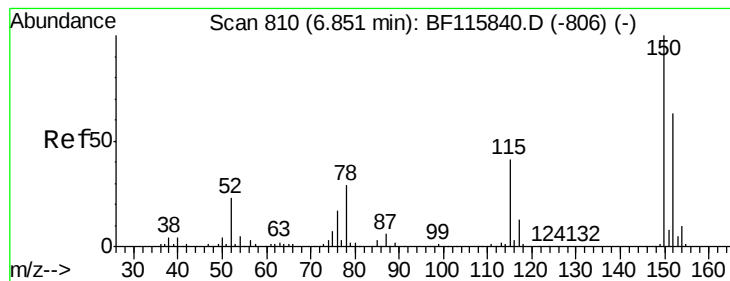
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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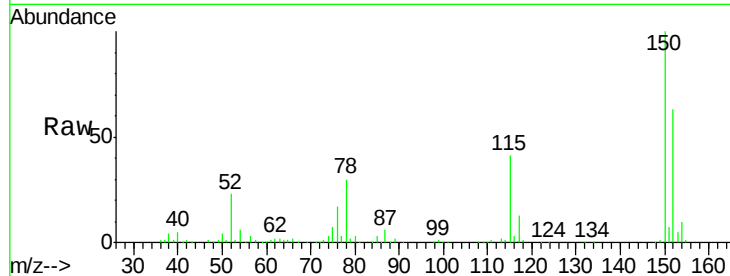


#1

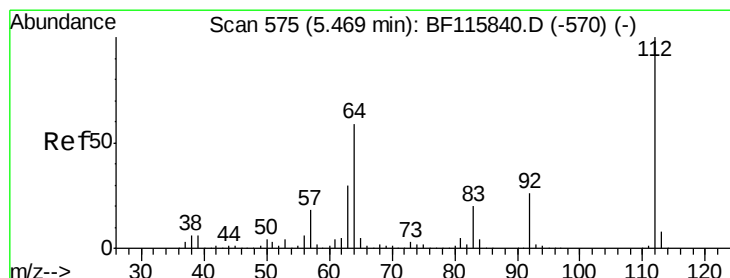
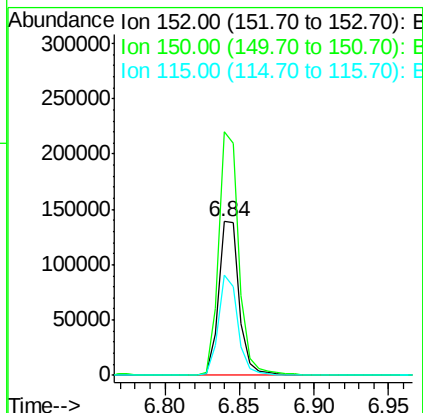
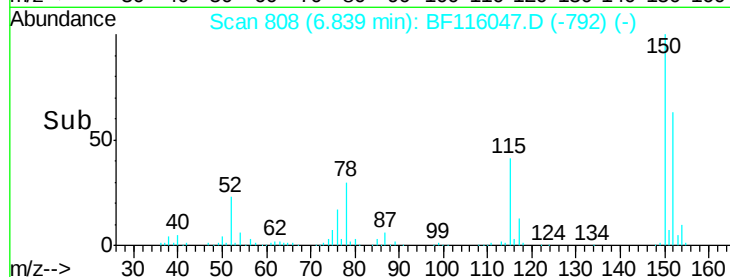
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116047.D
Acq: 7 Aug 2019 13:41

Instrument :
BNA_F
ClientSampled :
PS-3

Tot Ion:152 Resp: 135122
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 65.4 49.9 74.9



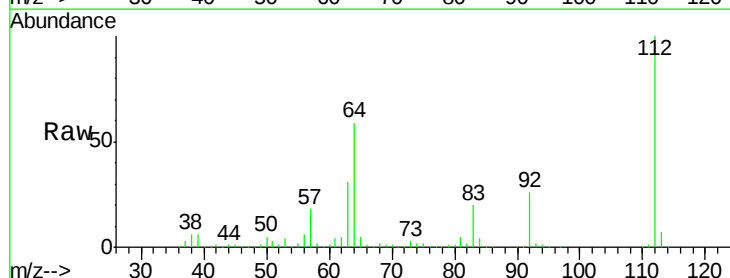
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



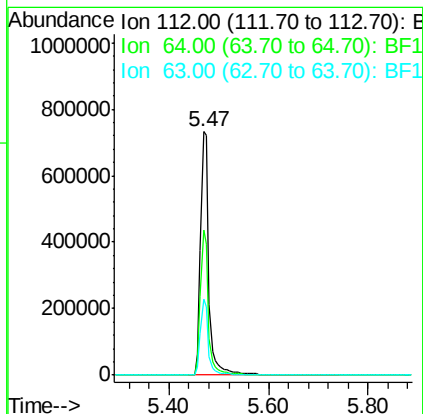
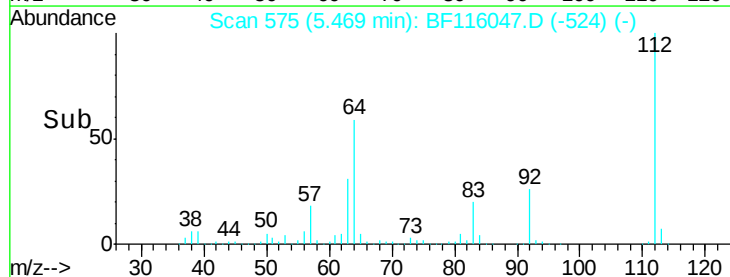
#5

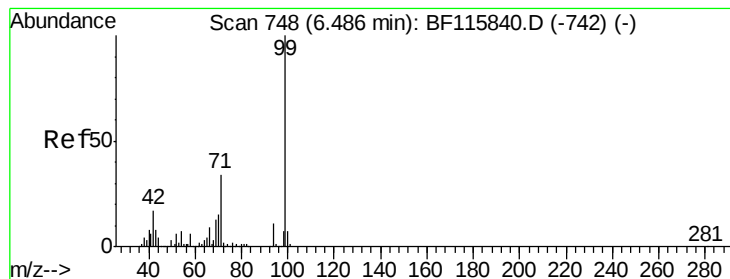
2-Fluorophenol
Concen: 105.811 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116047.D
Acq: 7 Aug 2019 13:41

Tgt Ion:112 Resp: 854058
Ion Ratio Lower Upper
112 100
64 59.5 45.4 68.2
63 31.2 23.7 35.5



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: 106.941 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

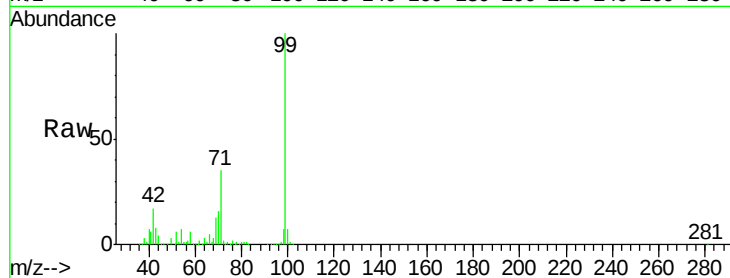
Tot Ion: 99 Resp: 1089046

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

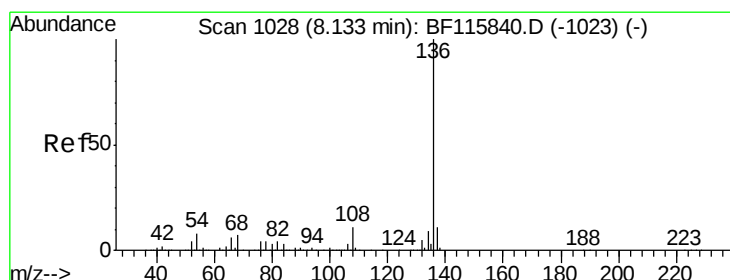
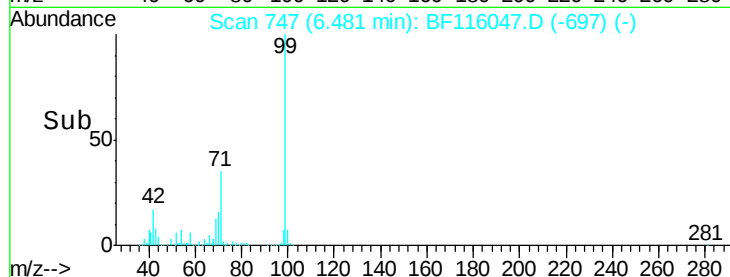
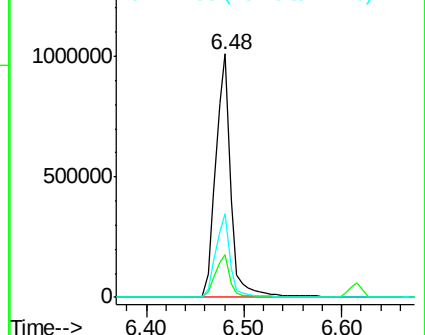
71 34.6 27.3 40.9



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# 1026

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Tgt Ion: 136 Resp: 539616

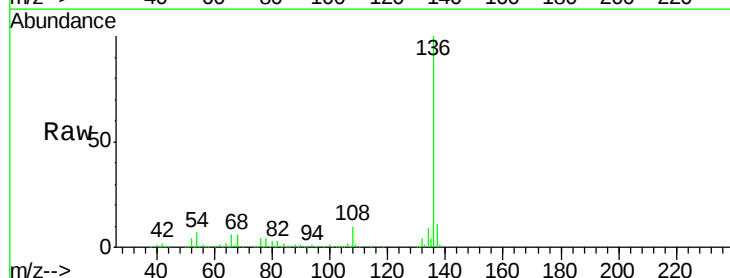
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.4 5.8 8.6

68 6.4 5.2 7.8

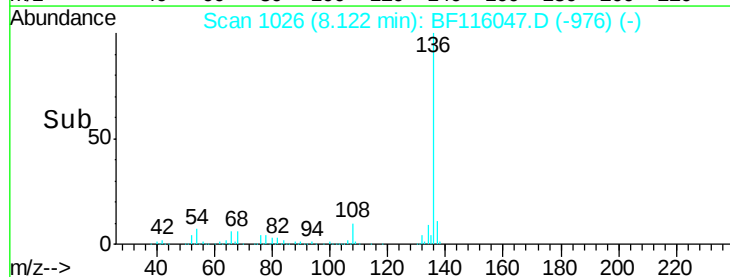
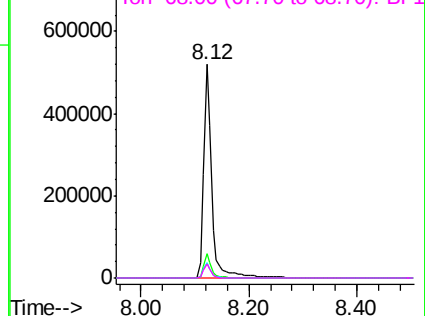


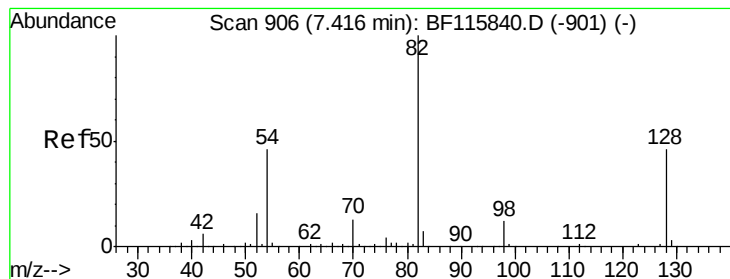
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.353 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

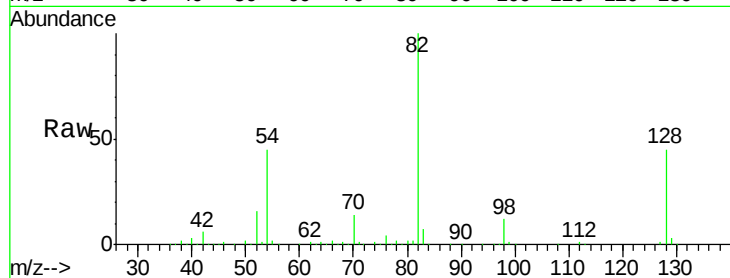
Tot Ion: 82 Resp: 676381

Ion Ratio Lower Upper

82 100

128 44.9 36.5 54.7

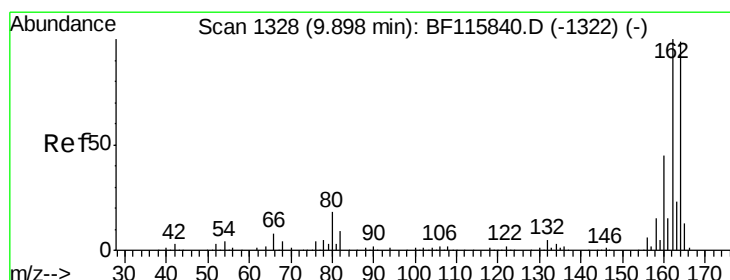
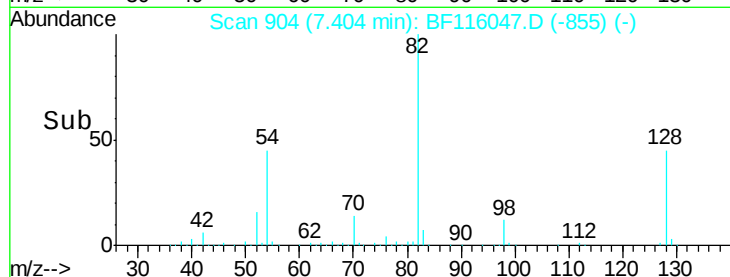
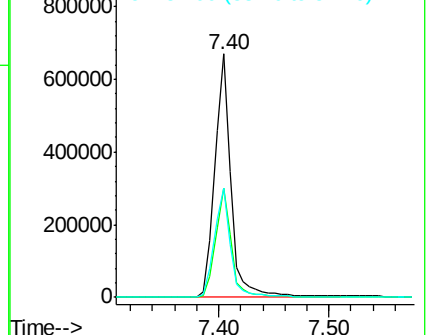
54 44.9 36.0 54.0



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

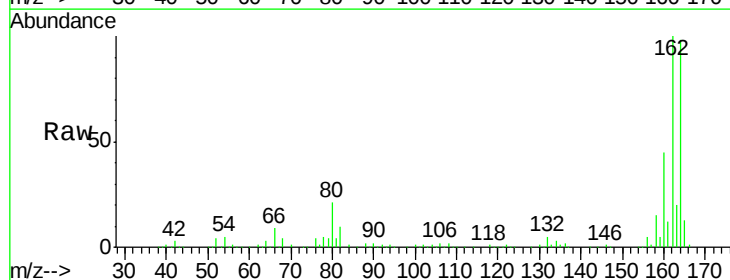
Tgt Ion: 164 Resp: 284619

Ion Ratio Lower Upper

164 100

162 101.7 82.6 124.0

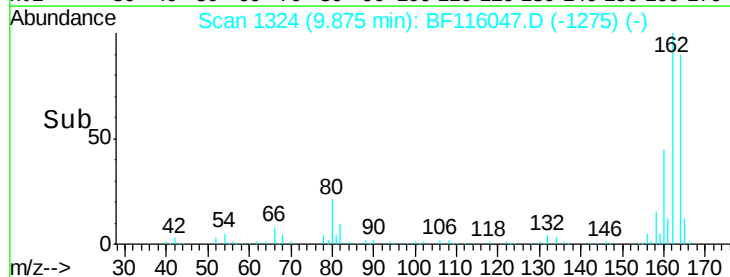
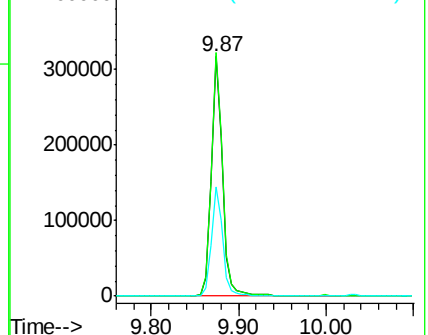
160 45.8 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 63.856 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

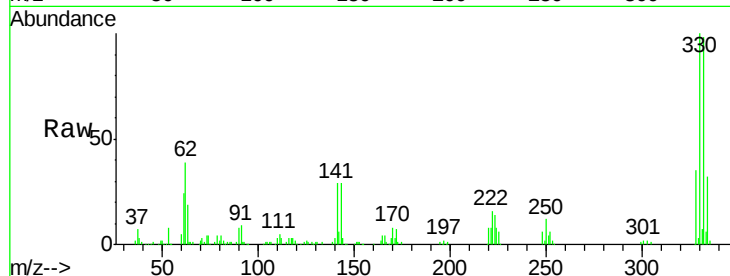
Tot Ion:330 Resp: 176209

Ion Ratio Lower Upper

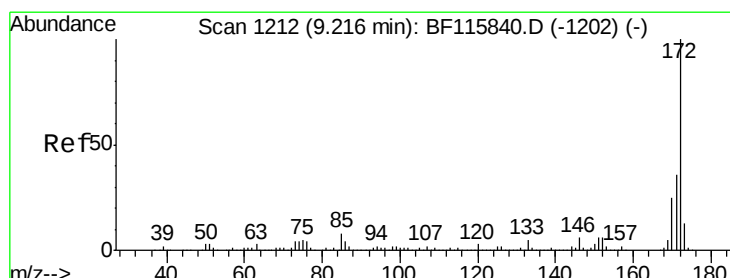
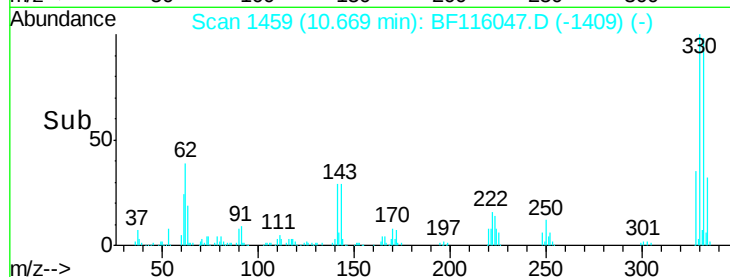
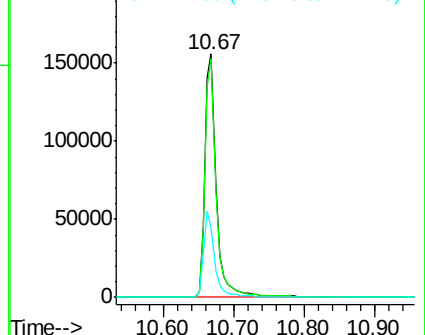
330 100

332 96.3 76.8 115.2

141 34.7 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: 52.596 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

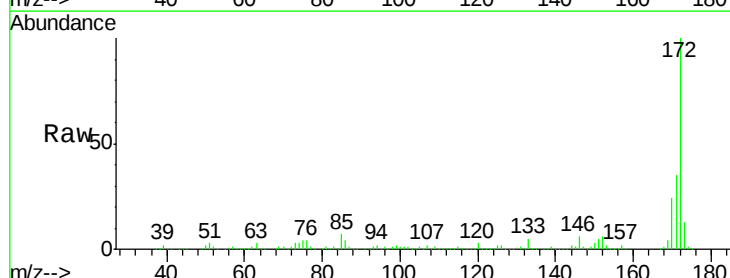
Tgt Ion:172 Resp: 799214

Ion Ratio Lower Upper

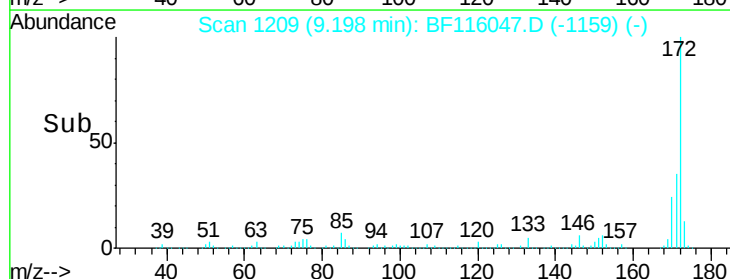
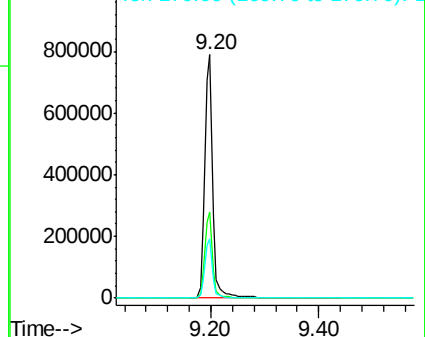
172 100

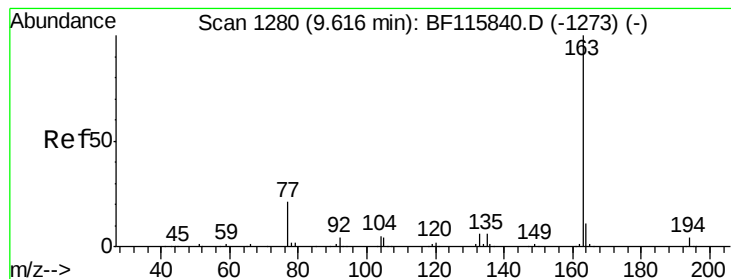
171 35.5 29.6 44.4

170 24.3 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: 17.079 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PS-3

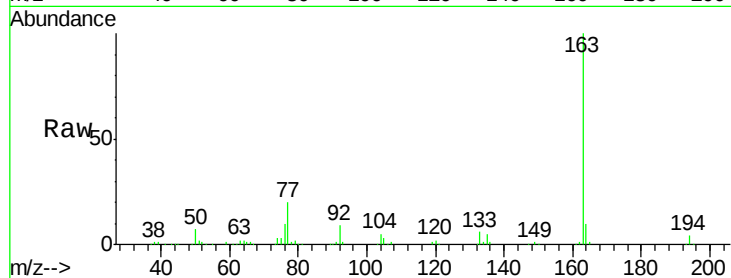
Tot Ion:163 Resp: 330971

Ion Ratio Lower Upper

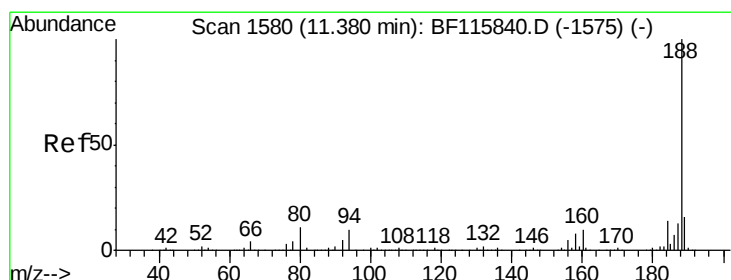
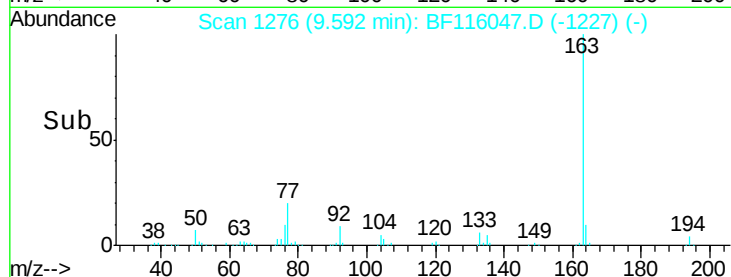
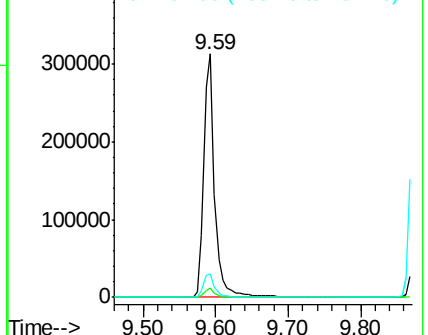
163 100

194 4.0 3.0 4.6

164 9.8 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# 1577

Delta R.T. -0.01 min

Lab File: BF116047.D

Acq: 7 Aug 2019 13:41

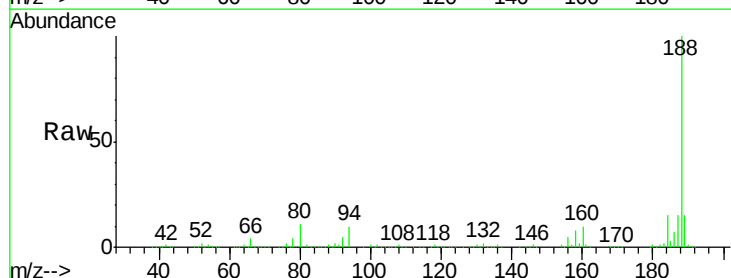
Tgt Ion:188 Resp: 508163

Ion Ratio Lower Upper

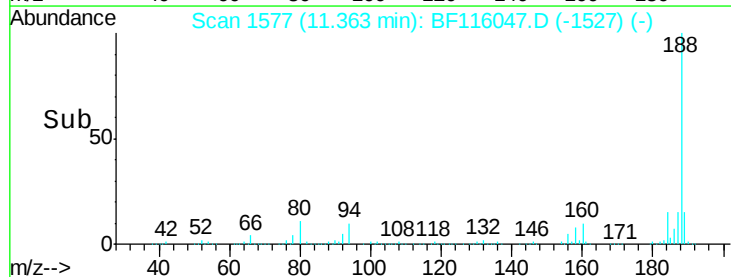
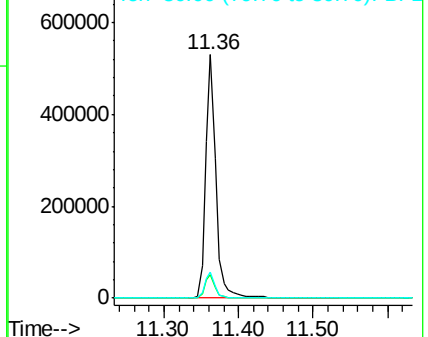
188 100

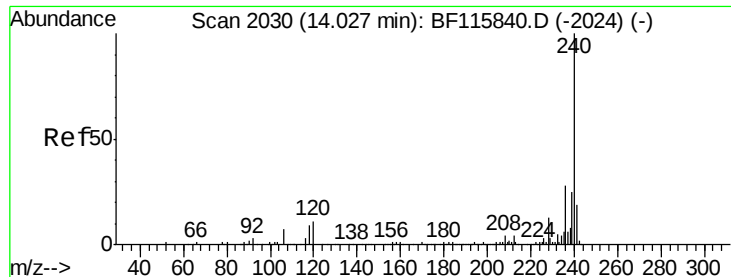
94 9.6 8.1 12.1

80 10.9 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

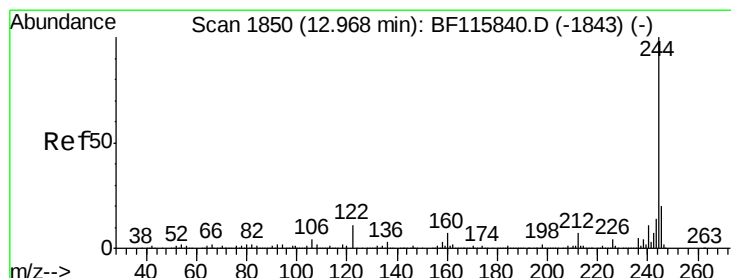
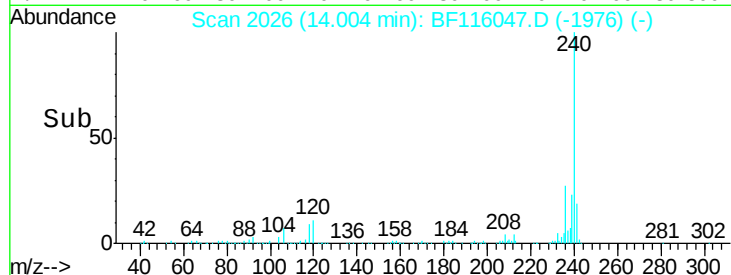
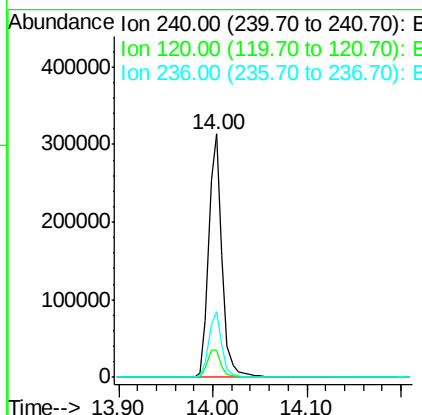
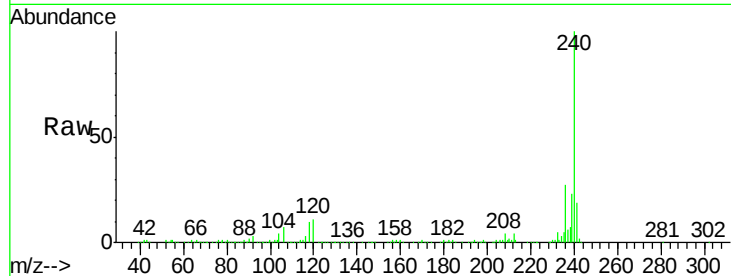




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116047.D
 Acq: 7 Aug 2019 13:41

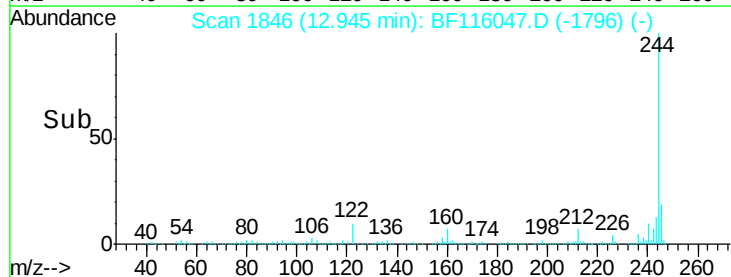
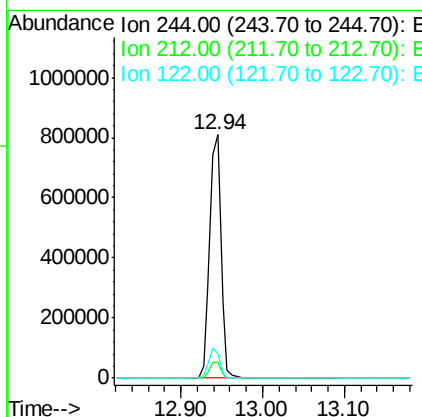
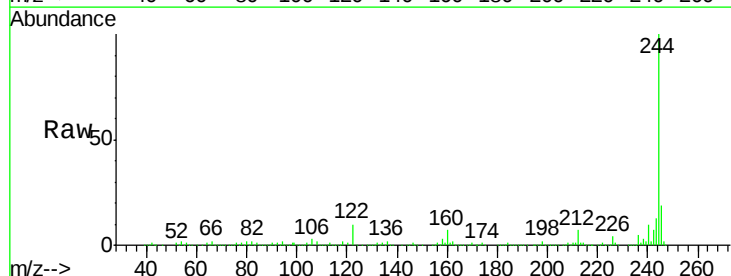
Instrument :
 BNA_F
 ClientSampleId :
 PS-3

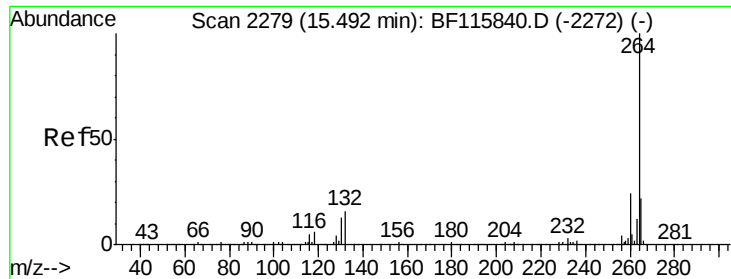
Tot Ion:240 Resp: 312581
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.7 16.1
 236 26.9 22.2 33.2



#79
 Terphenyl-d14
 Concen: 52.393 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116047.D
 Acq: 7 Aug 2019 13:41

Tgt Ion:244 Resp: 777207
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.2 9.0 13.4

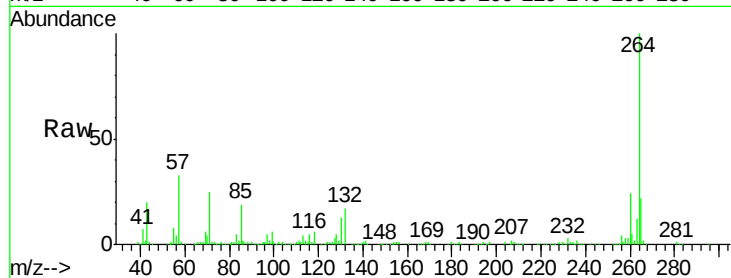




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116047.D
 Acq: 7 Aug 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PS-3

Tot Ion:264 Resp: 310498
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 21.6 17.4 26.0



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

