

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117346.D
 Acq On : 8 Oct 2019 17:50
 Operator : JU
 Sample : K5152-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-100719

Quant Time: Oct 09 03:38:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

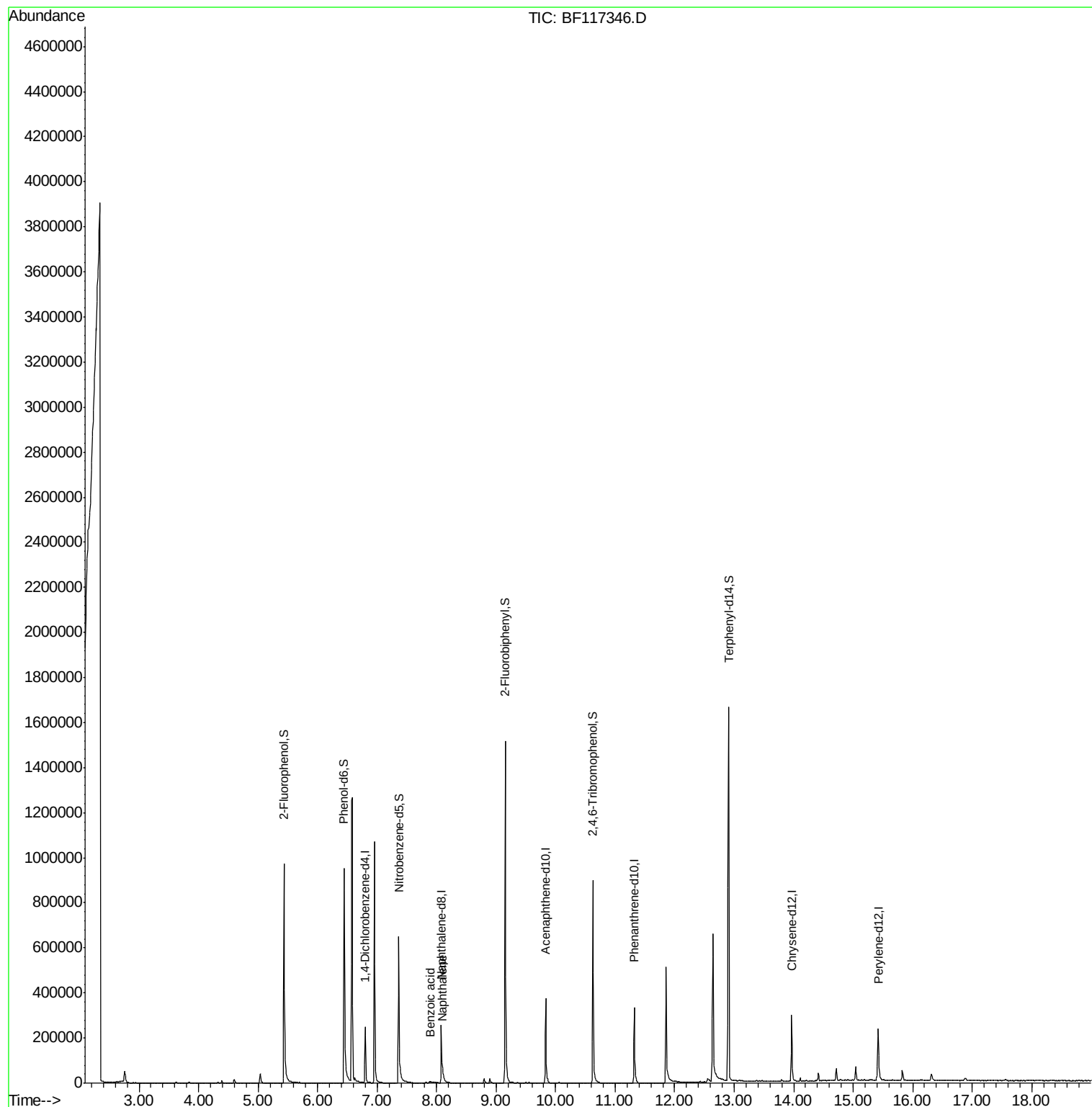
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	43388	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	169927	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	88990	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	151295	20.00	ng	0.00
76) Chrysene-d12	13.97	240	123752	20.00	ng	0.00
87) Perylene-d12	15.42	264	117827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	346963	124.85	ng	0.01
7) Phenol-d6	6.45	99	444539	123.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	293829	90.85	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	108731	146.19	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	543771	95.54	ng	0.00
79) Terphenyl-d14	12.91	244	595376	89.93	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	24348	2.979	ng	Qvalue # 97
32) Benzoic acid	7.90	122	10003m	11.847	ng	

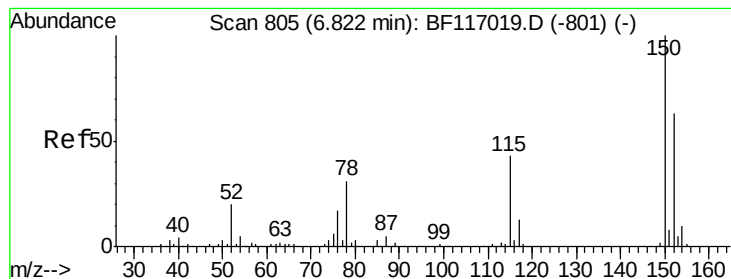
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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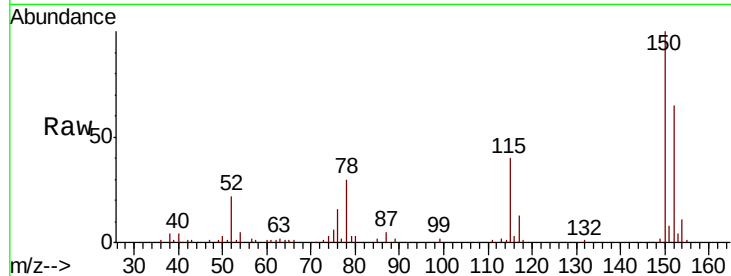


#1

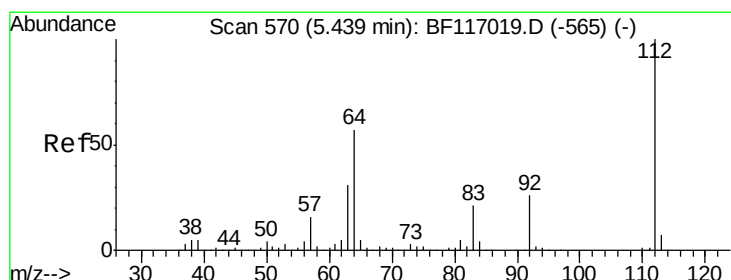
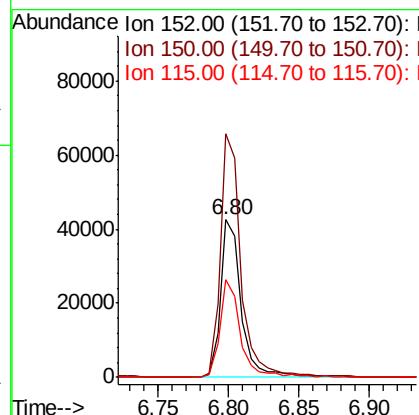
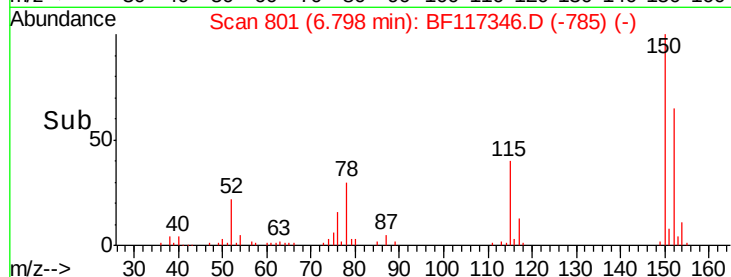
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117346.D
Acq: 8 Oct 2019 17:50

Instrument :
BNA_F
ClientSampleId :
SU-02-100719

Tot Ion:152 Resp: 43388
Ion Ratio Lower Upper
152 100
150 154.6 127.5 191.3
115 62.0 55.0 82.4



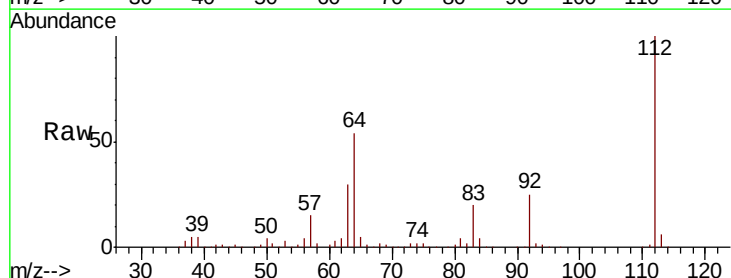
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



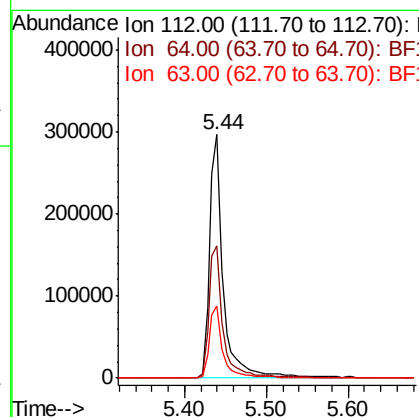
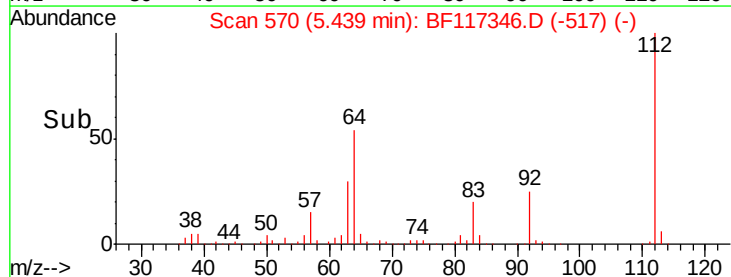
#5

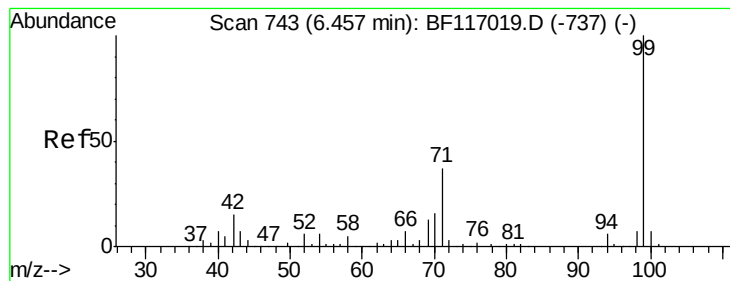
2-Fluorophenol
Concen: 124.849 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF117346.D
Acq: 8 Oct 2019 17:50

Tgt Ion:112 Resp: 346963
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 29.5 24.9 37.3



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: 123.774 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117346.D

Acq: 8 Oct 2019 17:50

Instrument :

BNA_F

ClientSampleId :

SU-02-100719

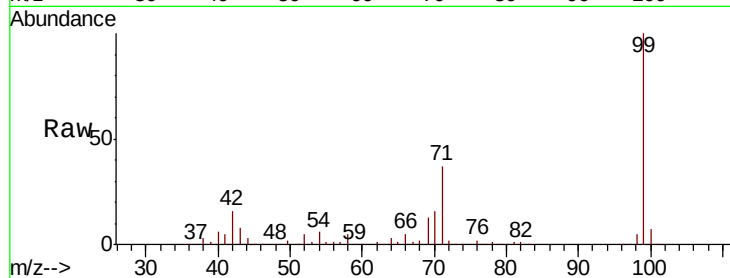
Tot Ion: 99 Resp: 444539

Ion Ratio Lower Upper

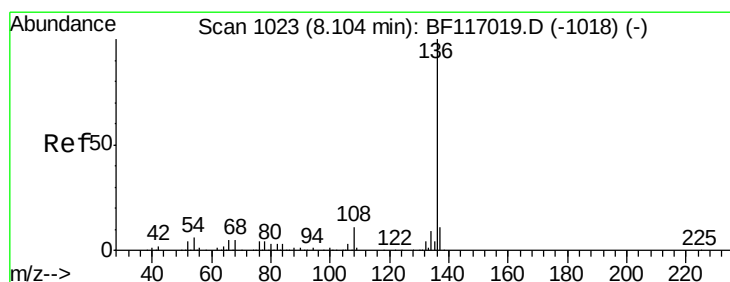
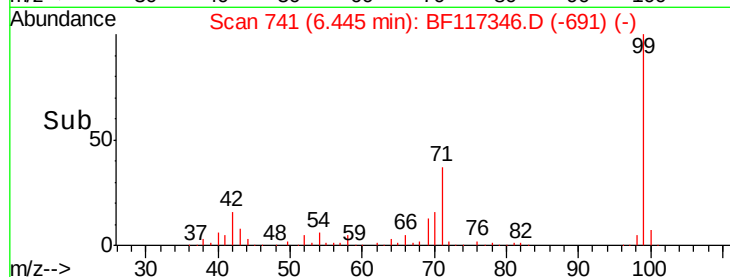
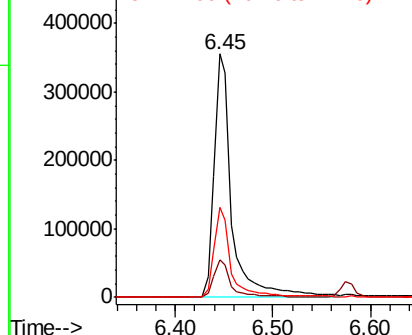
99 100

42 15.6 12.2 18.2

71 37.0 29.8 44.8



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF117346.D

Acq: 8 Oct 2019 17:50

Tgt Ion: 136 Resp: 169927

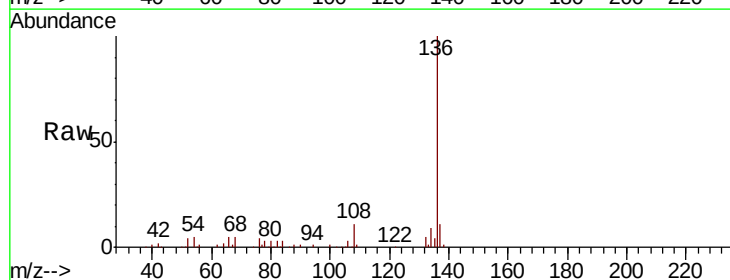
Ion Ratio Lower Upper

136 100

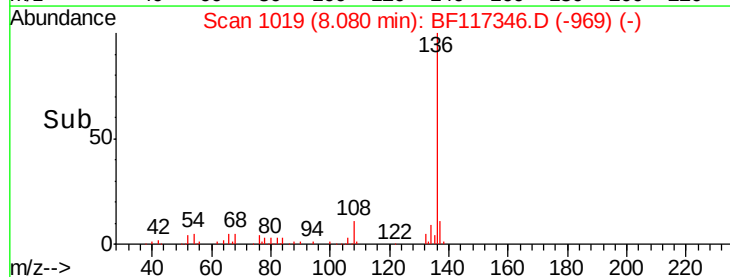
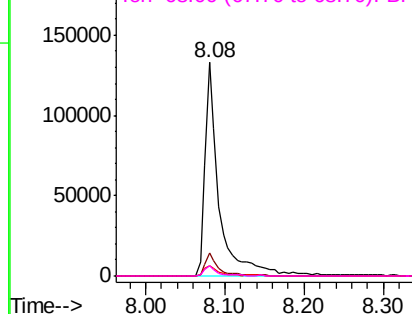
137 10.7 9.0 13.4

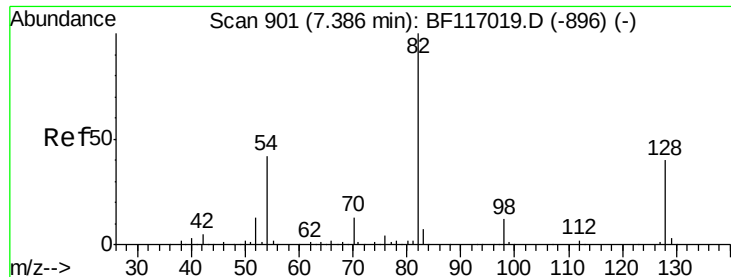
54 5.1 4.5 6.7

68 4.8 4.0 6.0



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

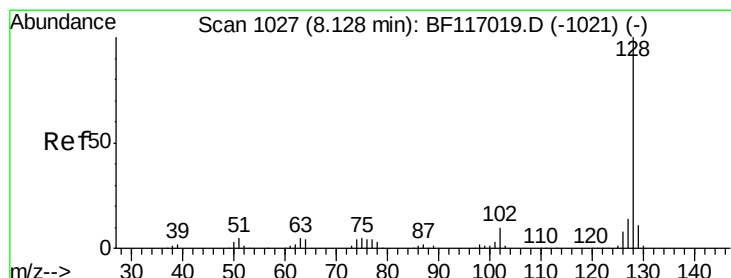
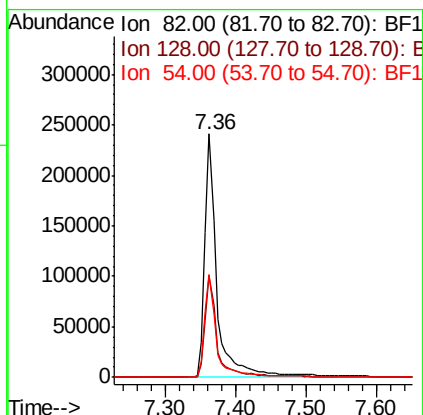
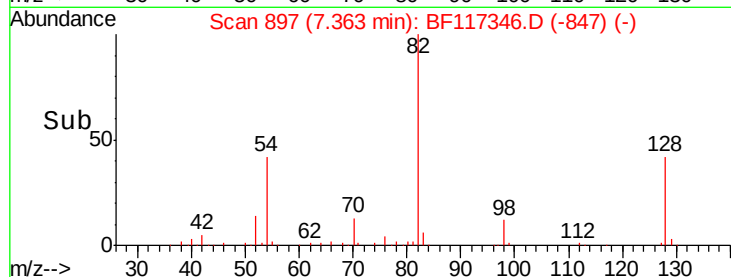
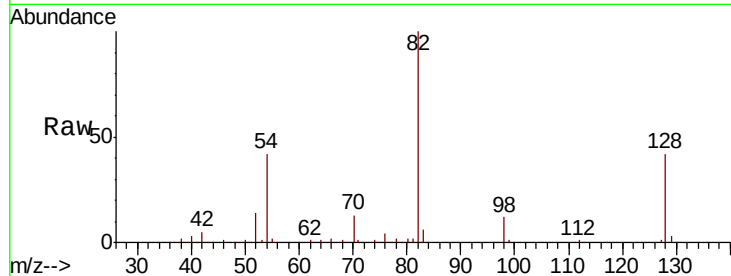




#23
Nitrobenzene-d5
Concen: 90.854 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117346.D
Acq: 8 Oct 2019 17:50

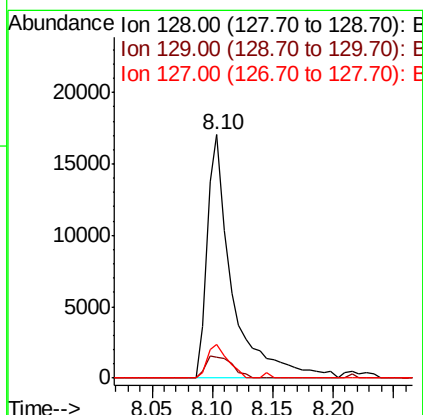
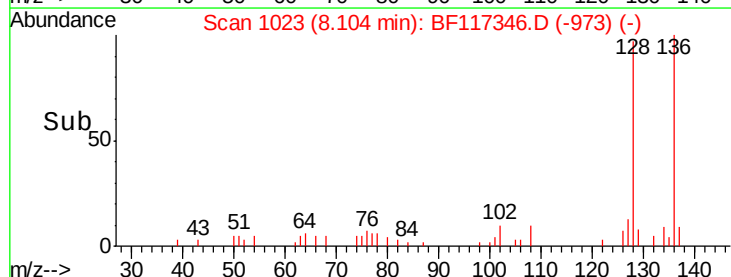
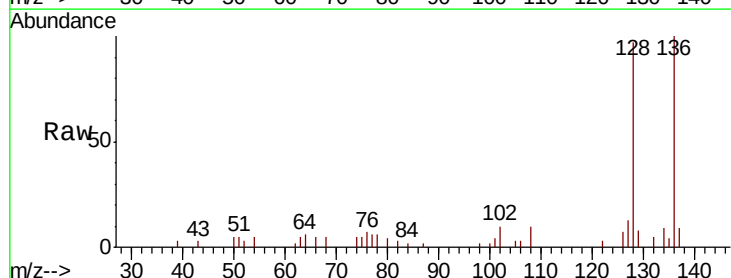
Instrument :
BNA_F
ClientSampleId :
SU-02-100719

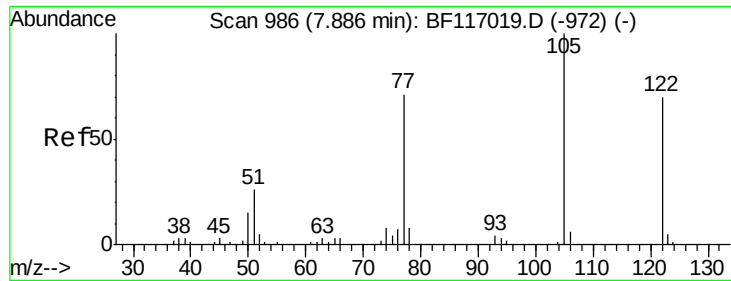
Tot Ion: 82 Resp: 293829
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 42.0 33.3 49.9



#31
Naphthalene
Concen: 2.979 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117346.D
Acq: 8 Oct 2019 17:50

Tgt Ion: 128 Resp: 24348
Ion Ratio Lower Upper
128 100
129 8.7 9.0 13.4#
127 13.8 10.8 16.2





#32

Benzoic acid

Concen: 11.847 ng/mL

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF117346.D

Acq: 8 Oct 2019 17:50

Instrument :

BNA_F

ClientSampleId :

SU-02-100719

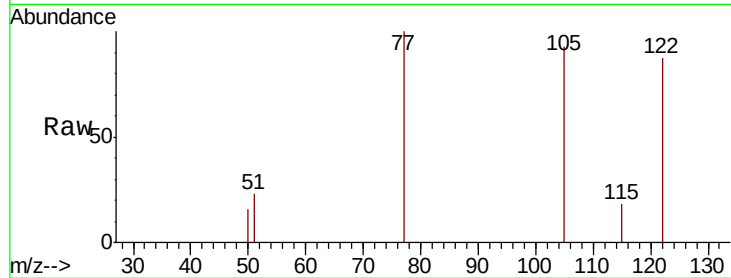
Tot Ion:122 Resp: 10003

Ion Ratio Lower Upper

122 100

105 106.8 114.8 154.8#

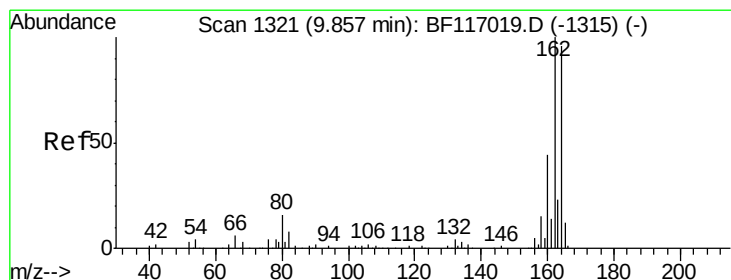
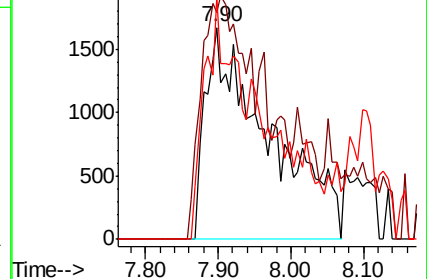
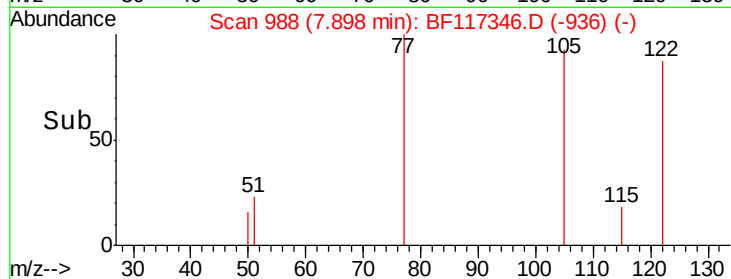
77 114.5 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117346.D

Acq: 8 Oct 2019 17:50

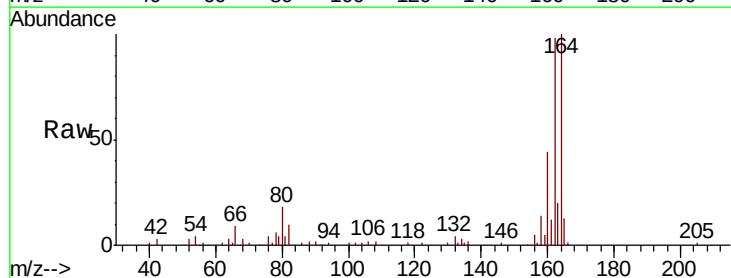
Tgt Ion:164 Resp: 88990

Ion Ratio Lower Upper

164 100

162 98.3 83.4 125.2

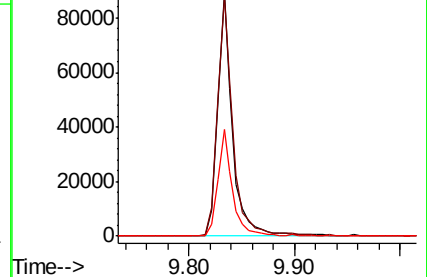
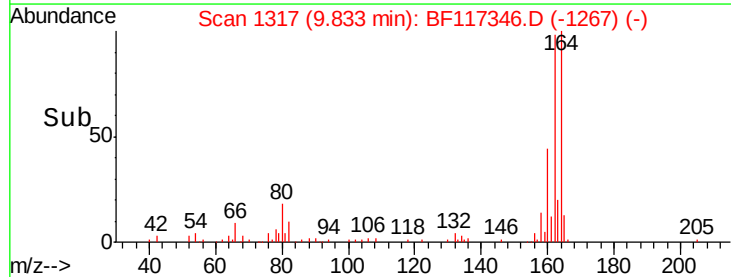
160 43.6 36.4 54.6

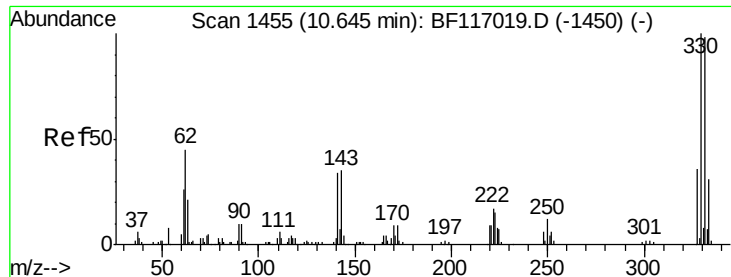


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 146.192 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117346.D

Acq: 8 Oct 2019 17:50

Instrument :

BNA_F

ClientSampleId :

SU-02-100719

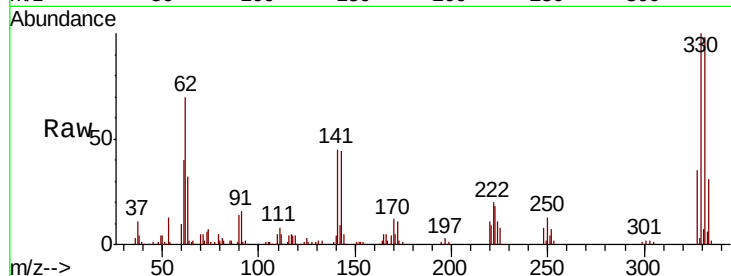
Tot Ion:330 Resp: 108731

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

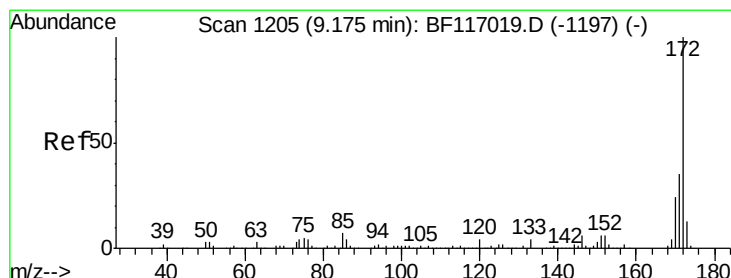
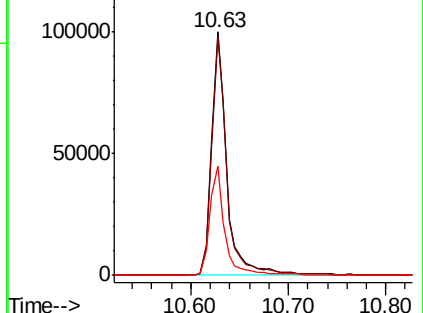
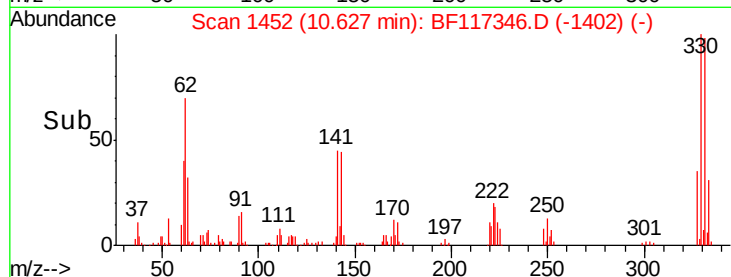
141 44.1 35.8 53.6



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: 95.542 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF117346.D

Acq: 8 Oct 2019 17:50

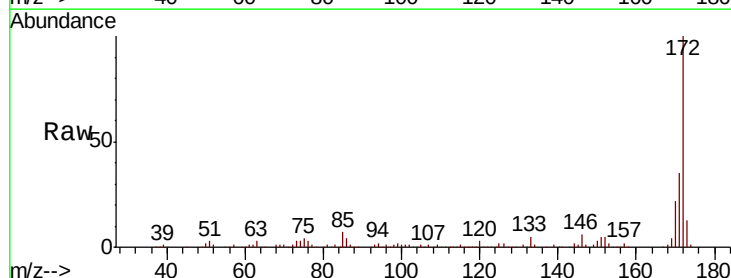
Tgt Ion:172 Resp: 543771

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

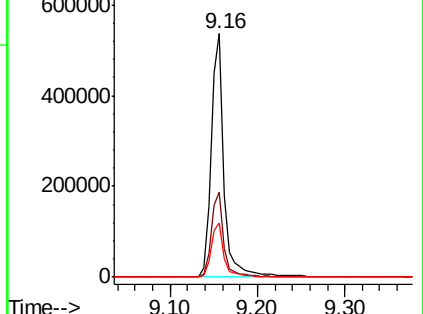
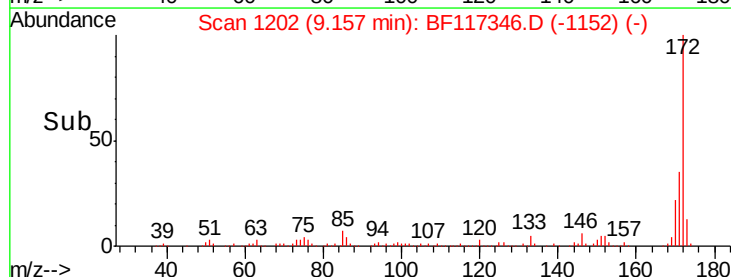
170 22.3 18.9 28.3

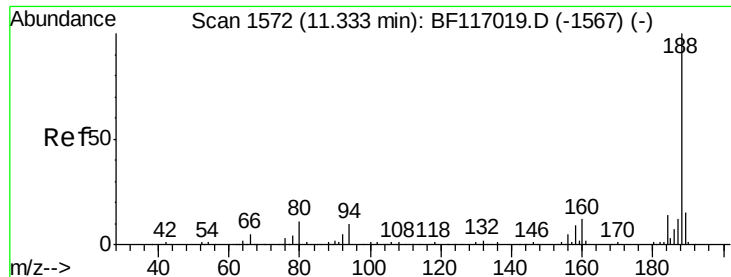


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

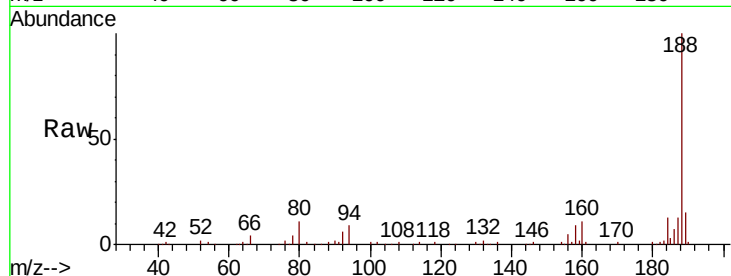




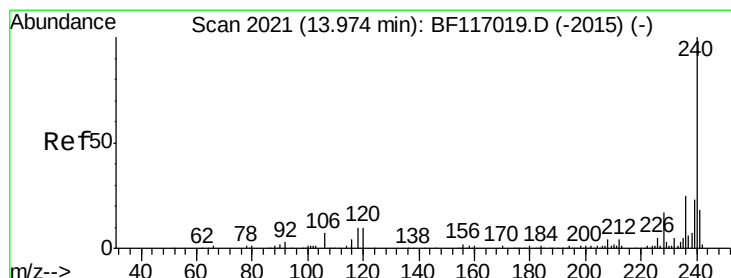
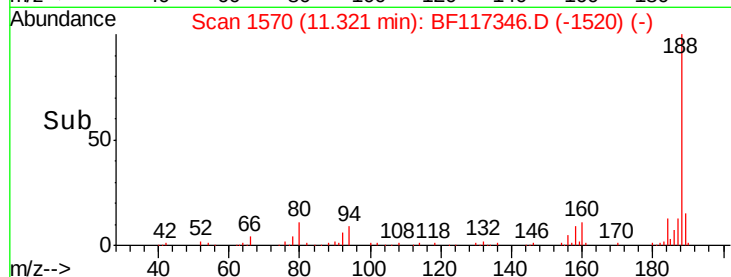
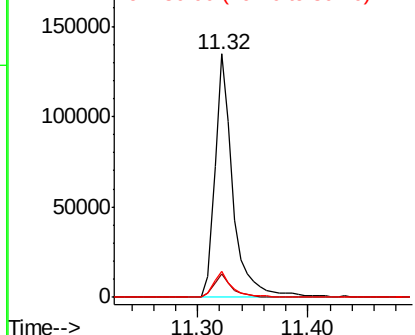
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117346.D
Acq: 8 Oct 2019 17:50

Instrument :
BNA_F
ClientSampleId :
SU-02-100719

Tot Ion:188 Resp: 151295
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.7 9.0 13.6

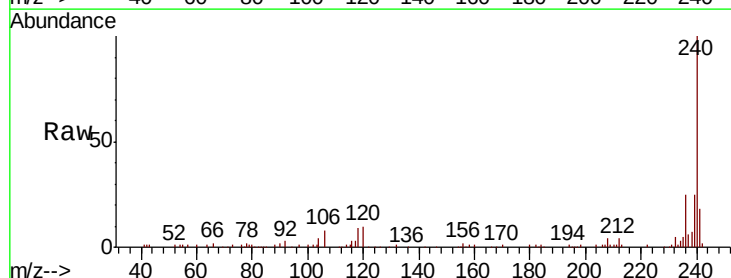


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

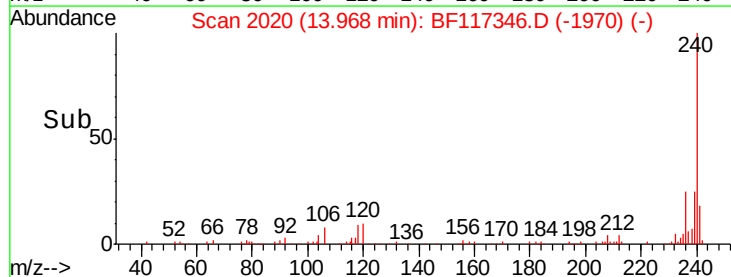
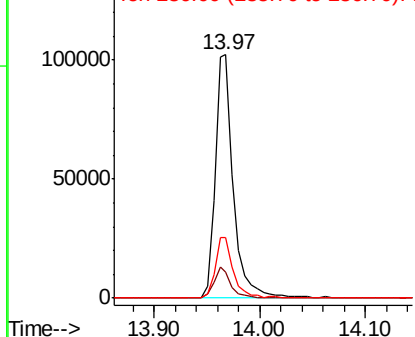


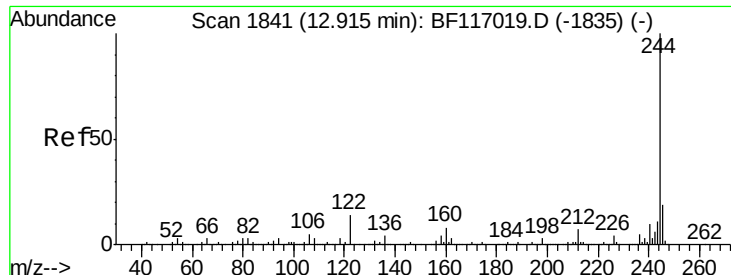
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117346.D
Acq: 8 Oct 2019 17:50

Tgt Ion:240 Resp: 123752
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.7 20.3 30.5



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

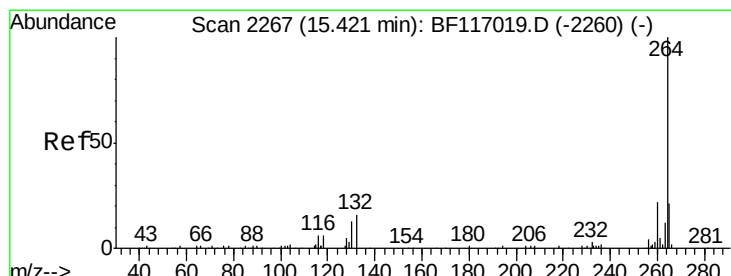
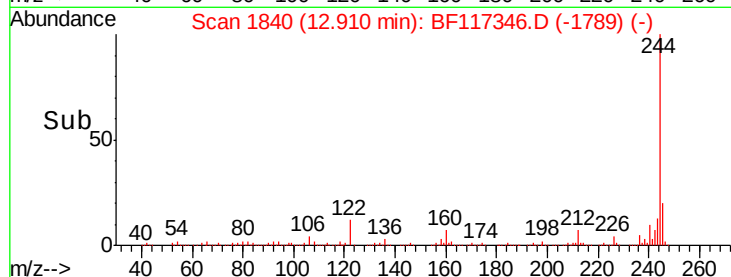
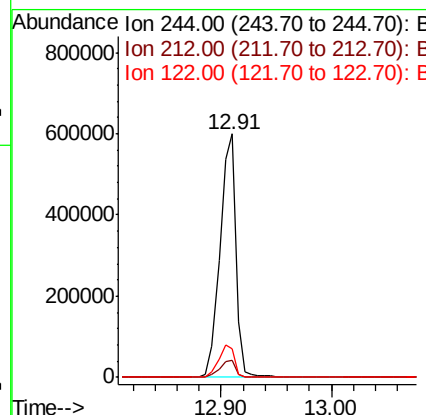
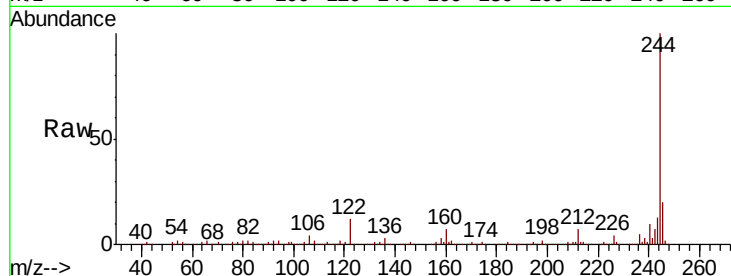




#79
 Terphenyl-d14
 Concen: 89.929 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF117346.D
 Acq: 8 Oct 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-100719

Tot Ion:244 Resp: 595376
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.7 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF117346.D
 Acq: 8 Oct 2019 17:50

Tgt Ion:264 Resp: 117827
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.6 26.4
 265 20.5 16.6 24.8

