

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115428.D
 Acq On : 9 Jul 2019 1:37
 Operator : HP/JU
 Sample : K3681-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PILEA-07-01-19

Quant Time: Jul 09 06:01:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

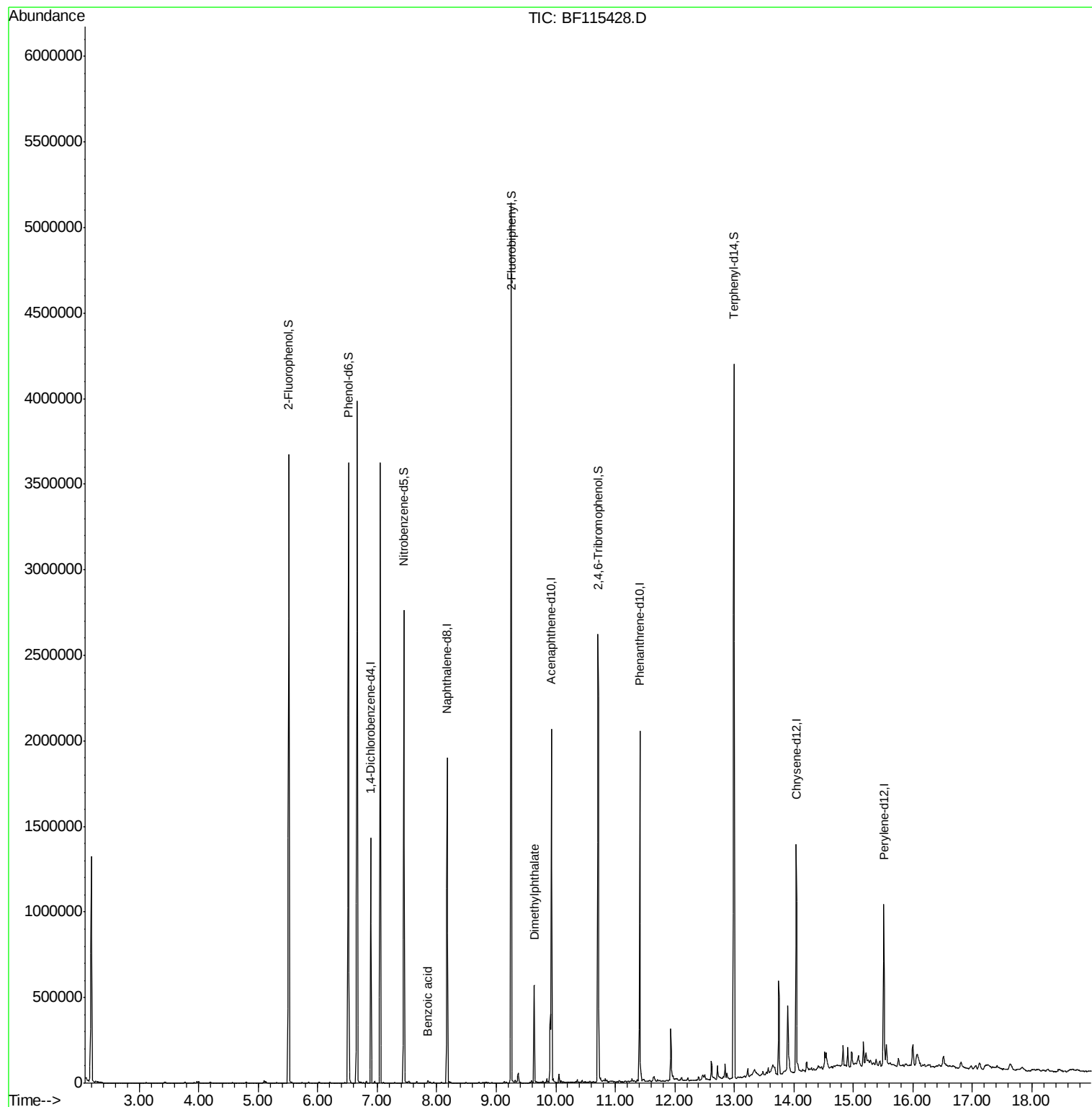
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	190517	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	755024	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	375430	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	670574	20.00	ng	0.00
76) Chrysene-d12	14.04	240	417516	20.00	ng	-0.03
87) Perylene-d12	15.51	264	452668	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1084035	87.91	ng	0.00
7) Phenol-d6	6.52	99	1428296	91.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	892960	69.88	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	338948	81.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1501069	70.16	ng	0.00
79) Terphenyl-d14	12.99	244	1390665	68.20	ng	-0.01
Target Compounds						
32) Benzoic acid	7.85	122	5135	6.587	ng	88
50) Dimethylphthalate	9.64	163	228125	8.096	ng	98

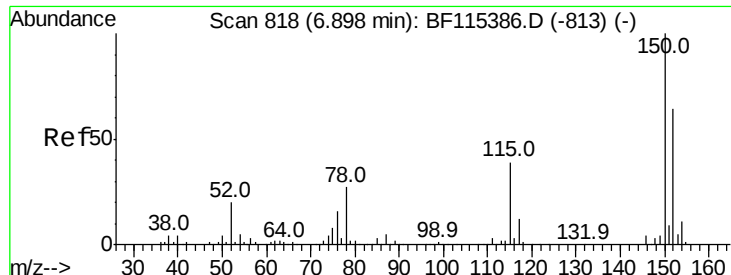
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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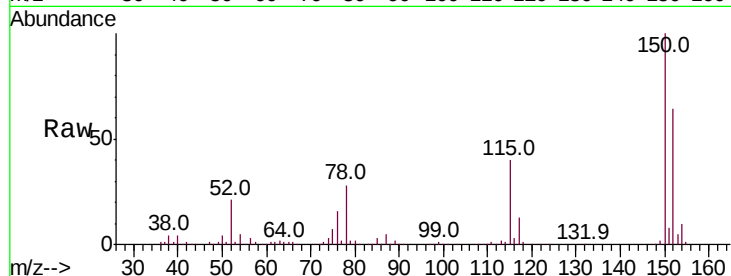


#1

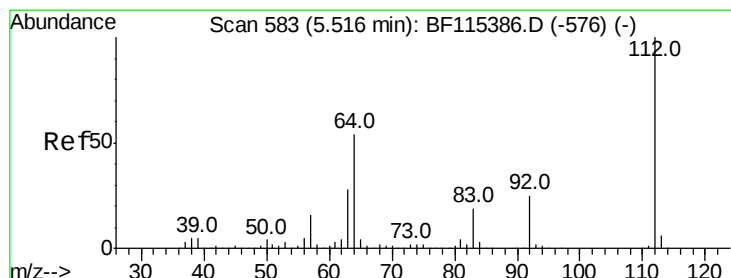
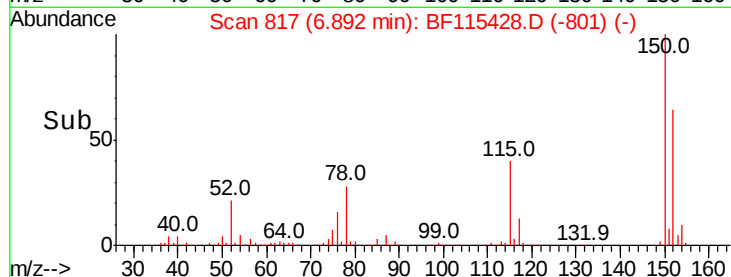
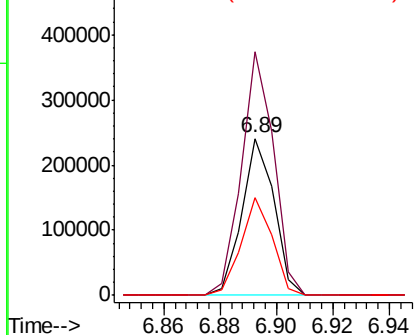
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115428.D
Acq: 9 Jul 2019 1:37

Instrument :
BNA_F
ClientSampleId :
PILEA-07-01-19

Tot Ion:152 Resp: 190517
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 62.3 48.1 72.1



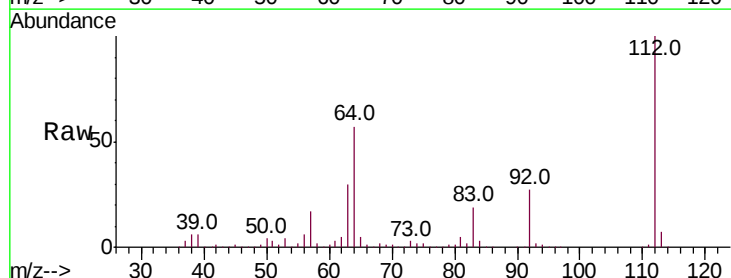
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



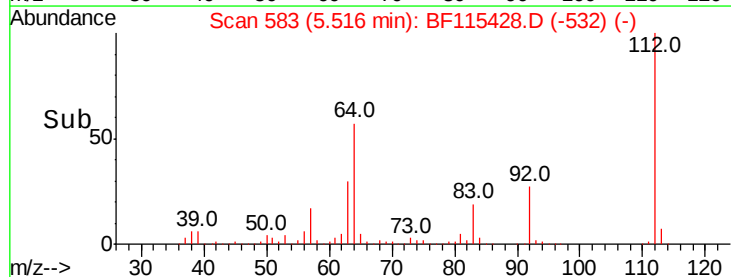
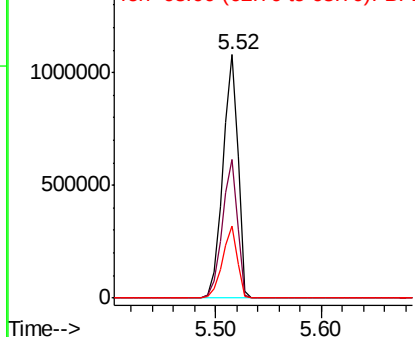
#5

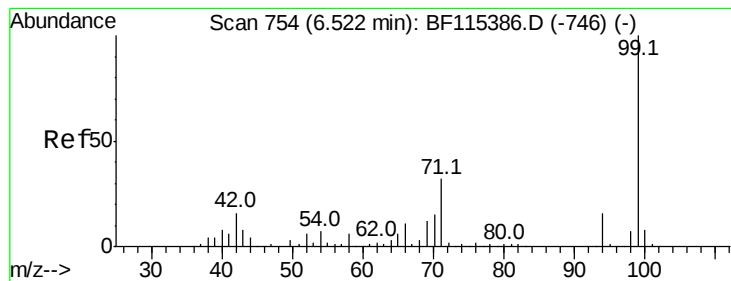
2-Fluorophenol
Concen: 87.912 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF115428.D
Acq: 9 Jul 2019 1:37

Tgt Ion:112 Resp: 1084035
Ion Ratio Lower Upper
112 100
64 57.2 43.0 64.6
63 29.6 22.2 33.2



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: 91.076 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115428.D

Acq: 9 Jul 2019 1:37

Instrument :

BNA_F

ClientSampleId :

PILEA-07-01-19

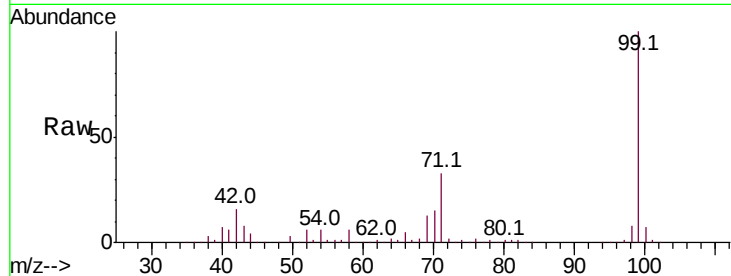
Tot Ion: 99 Resp: 1428296

Ion Ratio Lower Upper

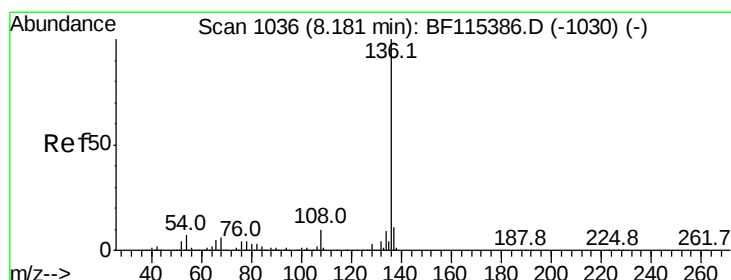
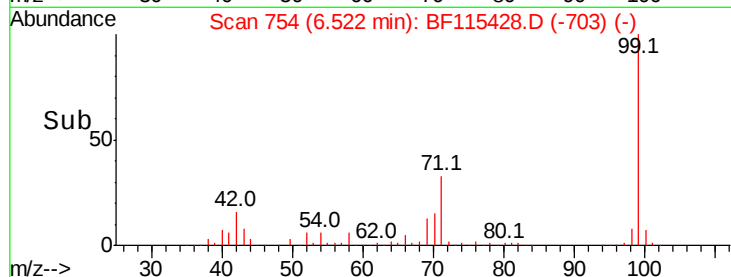
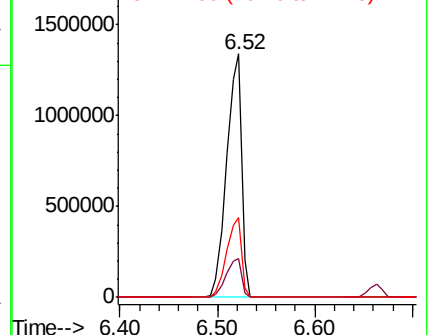
99 100

42 15.8 13.1 19.7

71 32.9 25.9 38.9



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115428.D

Acq: 9 Jul 2019 1:37

Tgt Ion: 136 Resp: 755024

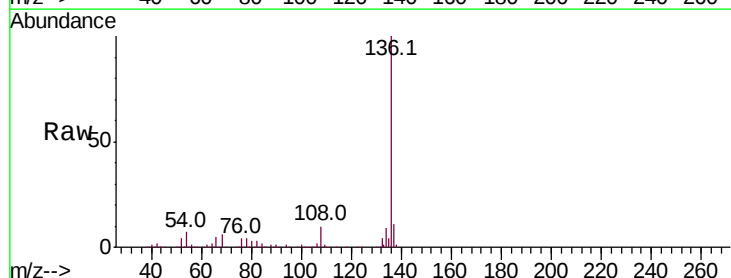
Ion Ratio Lower Upper

136 100

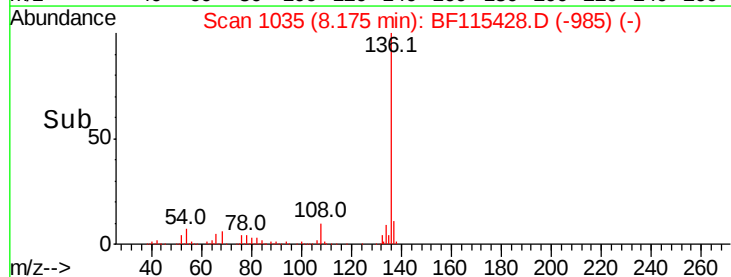
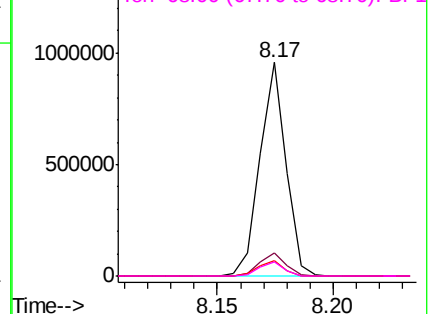
137 11.0 8.9 13.3

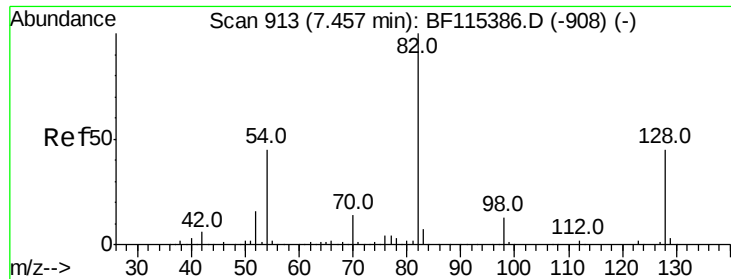
54 7.0 5.6 8.4

68 6.4 4.9 7.3



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

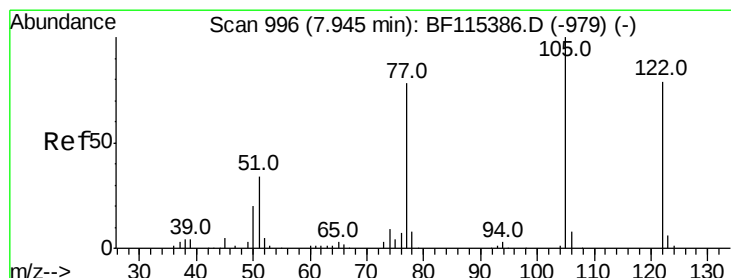
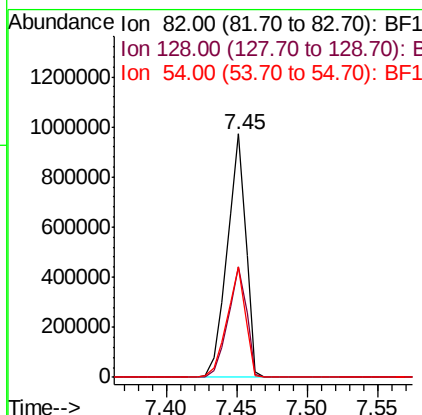
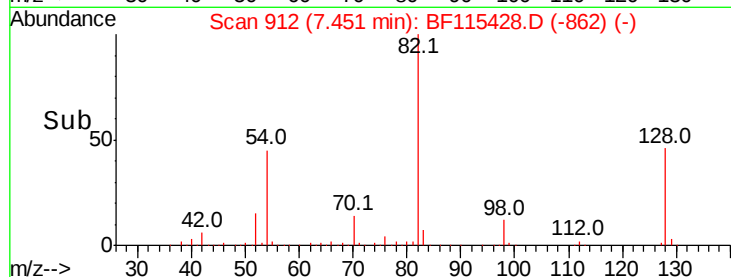
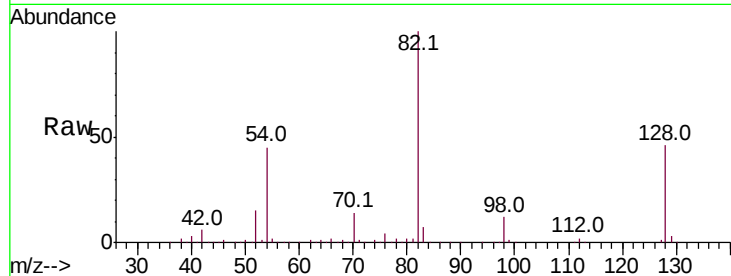




#23
 Nitrobenzene-d5
 Concen: 69.877 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115428.D
 Acq: 9 Jul 2019 1:37

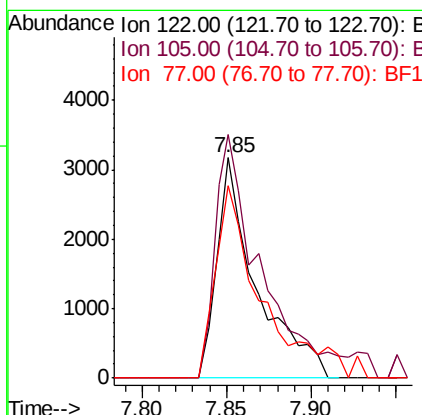
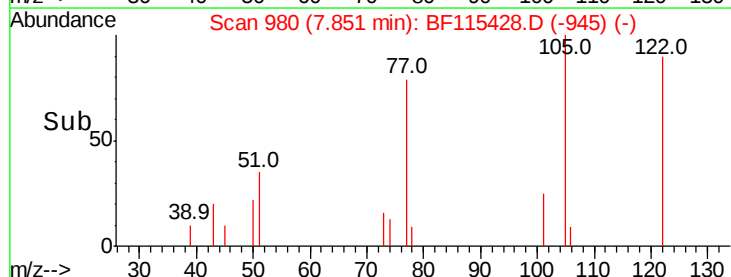
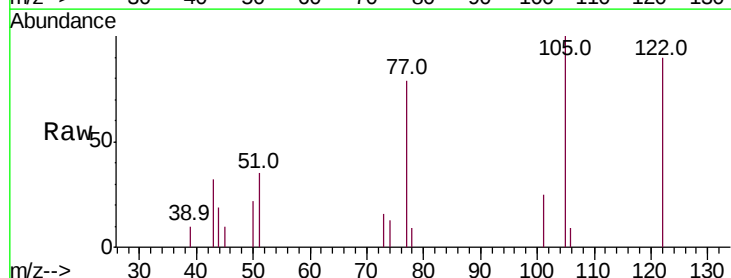
Instrument :
 BNA_F
 ClientSampleId :
 PILEA-07-01-19

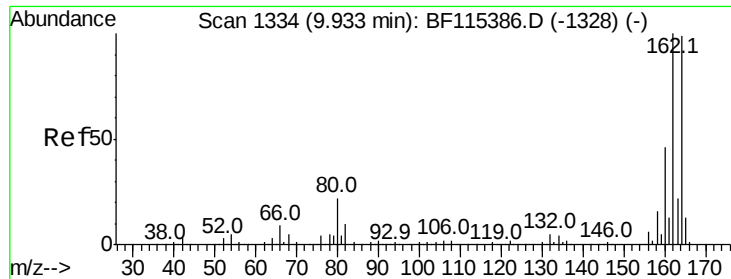
Tot Ion: 82 Resp: 892960
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.7 53.5
 54 45.2 36.3 54.5



#32
 Benzoic acid
 Concen: 6.587 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.09 min
 Lab File: BF115428.D
 Acq: 9 Jul 2019 1:37

Tgt Ion: 122 Resp: 5135
 Ion Ratio Lower Upper
 122 100
 105 110.7 105.1 145.1
 77 87.6 77.8 117.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115428.D

Acq: 9 Jul 2019 1:37

Instrument :

BNA_F

ClientSampleId :

PILEA-07-01-19

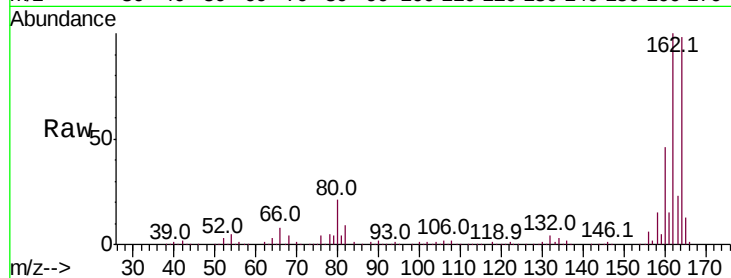
Tot Ion:164 Resp: 375430

Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

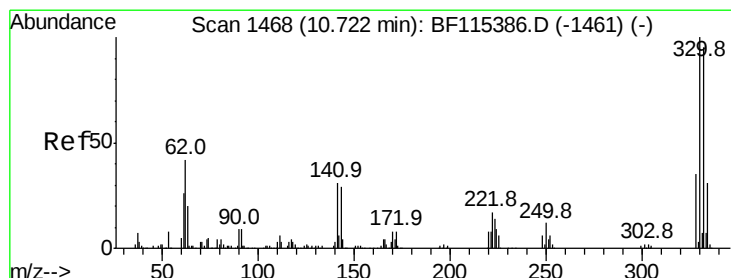
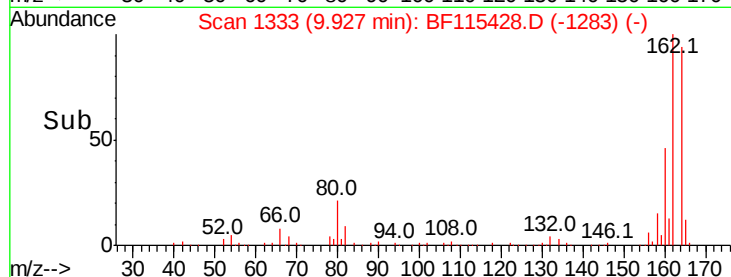
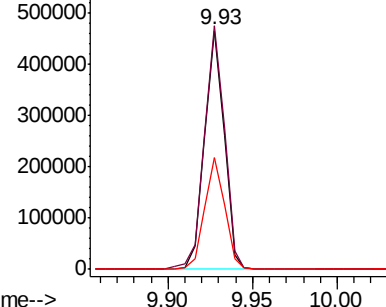
160 46.6 37.0 55.6



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: 81.654 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115428.D

Acq: 9 Jul 2019 1:37

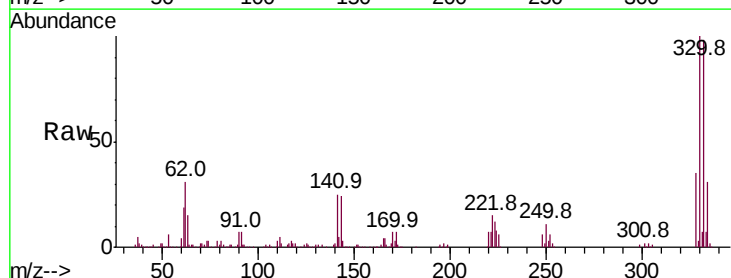
Tgt Ion:330 Resp: 338948

Ion Ratio Lower Upper

330 100

332 97.0 76.3 114.5

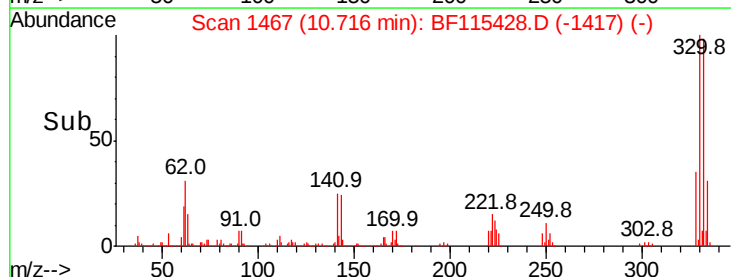
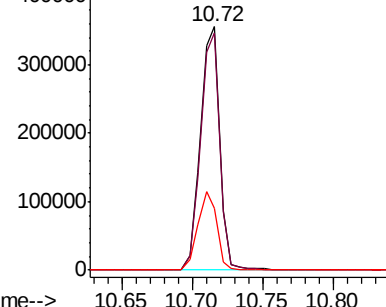
141 32.1 27.0 40.4

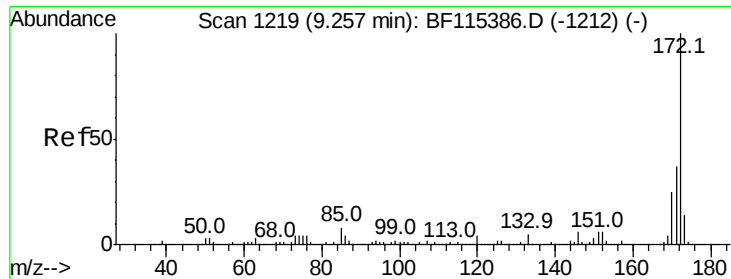


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

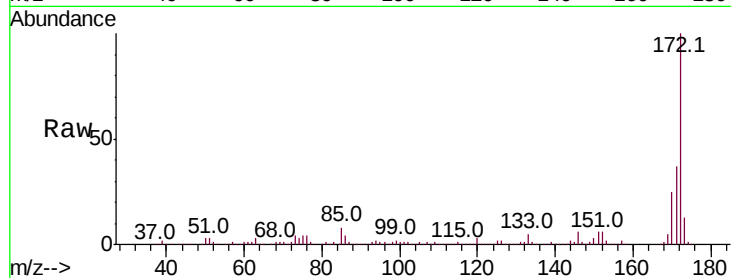




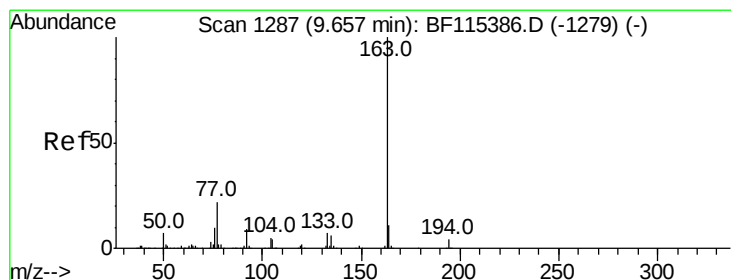
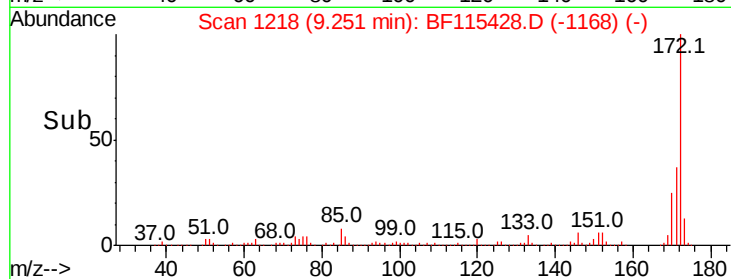
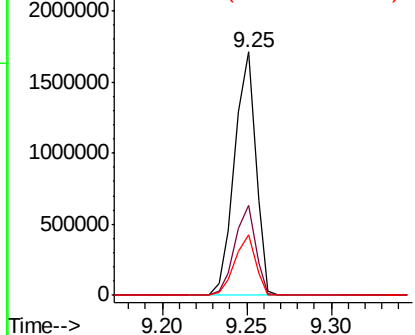
#45
2-Fluorobiphenyl
Concen: 70.160 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115428.D
Acq: 9 Jul 2019 1:37

Instrument :
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ClientSampleId :
PILEA-07-01-19

Tot Ion:172 Resp: 1501069
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.8
170 24.9 20.2 30.4

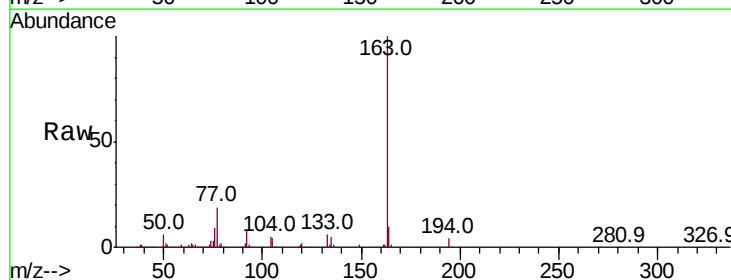


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

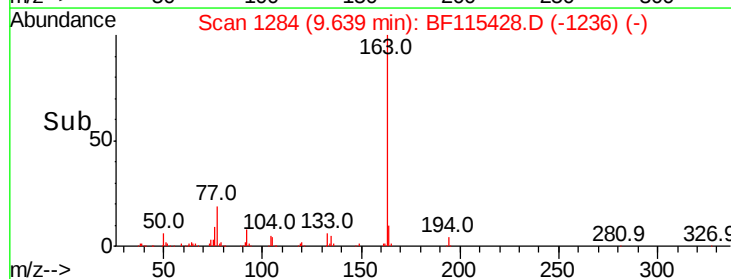
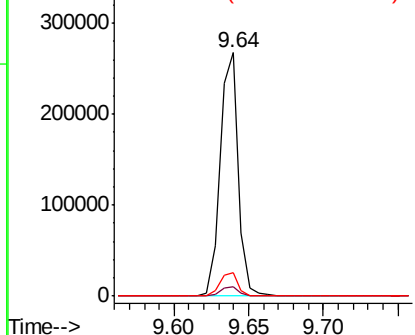


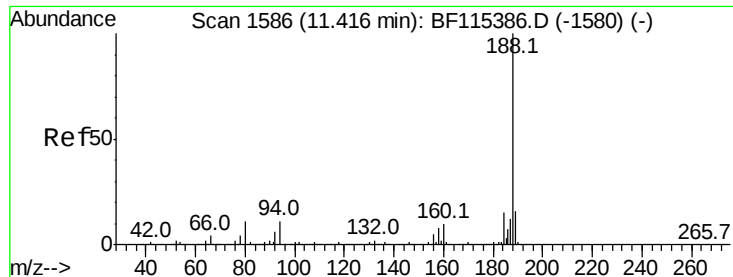
#50
Dimethylphthalate
Concen: 8.096 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115428.D
Acq: 9 Jul 2019 1:37

Tgt Ion:163 Resp: 228125
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.5 8.5 12.7



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

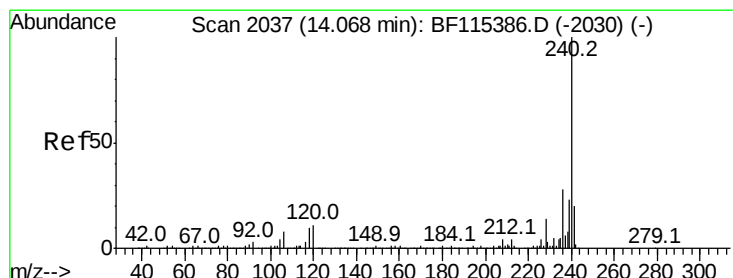
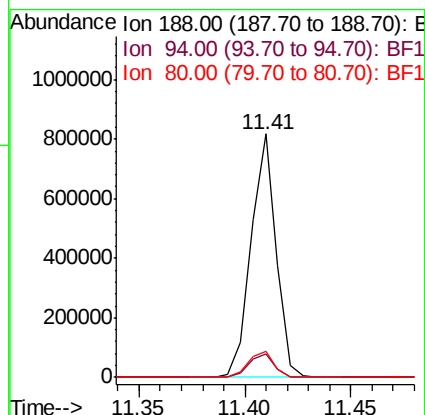
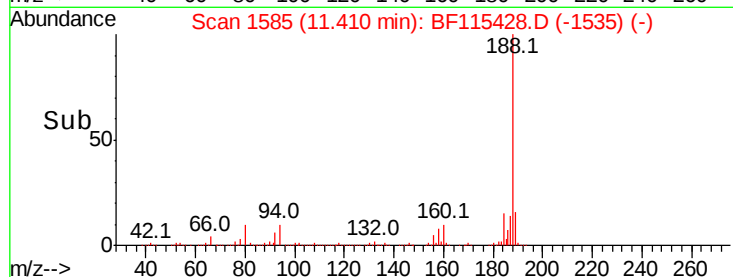
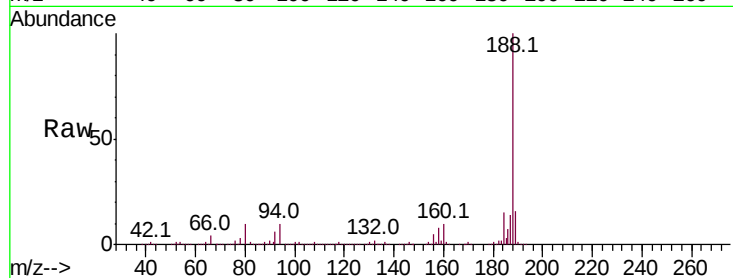




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115428.D
Acq: 9 Jul 2019 1:37

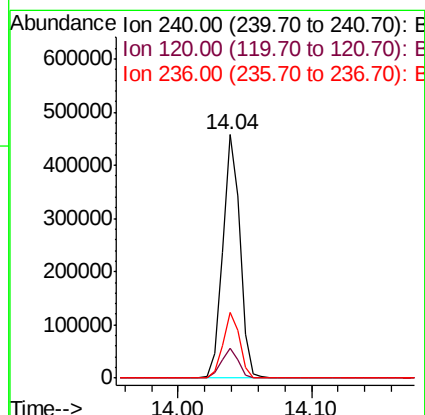
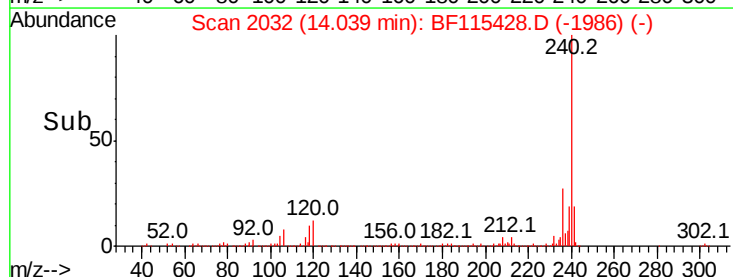
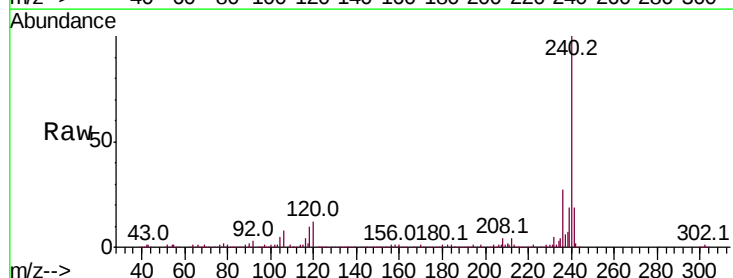
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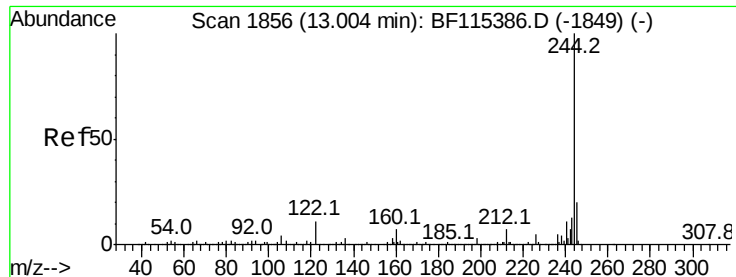
Tot Ion:188 Resp: 670574
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.5 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.03 min
Lab File: BF115428.D
Acq: 9 Jul 2019 1:37

Tgt Ion:240 Resp: 417516
Ion Ratio Lower Upper
240 100
120 12.2 9.1 13.7
236 27.0 22.5 33.7



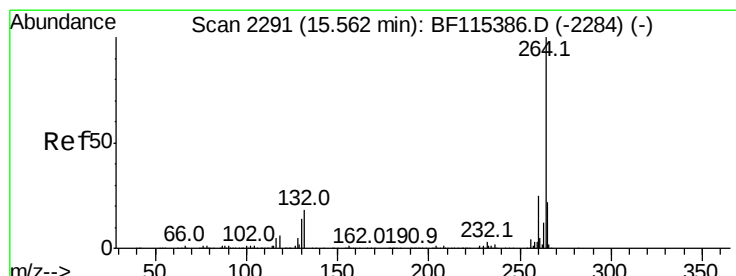
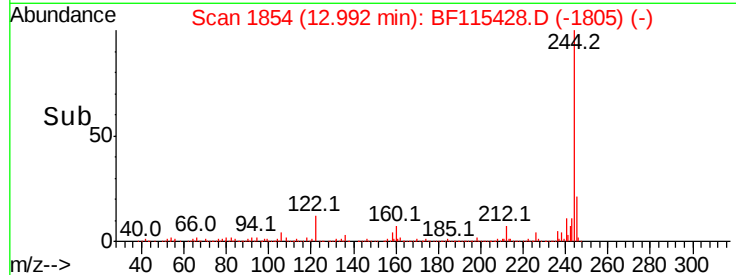
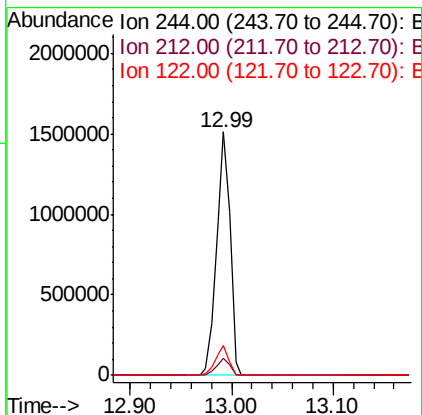
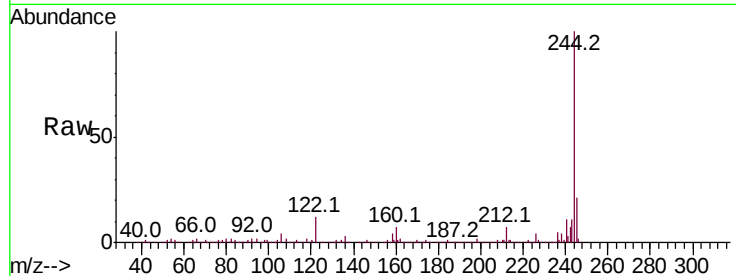


#79
 Terphenyl-d14
 Concen: 68.198 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115428.D
 Acq: 9 Jul 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 PILEA-07-01-19

Tot Ion:244 Resp: 1390665

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.4	9.1	13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: BF115428.D
 Acq: 9 Jul 2019 1:37

Tgt Ion:264 Resp: 452668

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	22.1	17.4	26.2

