

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104644.D
 Acq On : 19 Apr 2018 22:30
 Operator : JU/SJ
 Sample : J2457-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS001-02

Quant Time: Apr 20 01:57:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

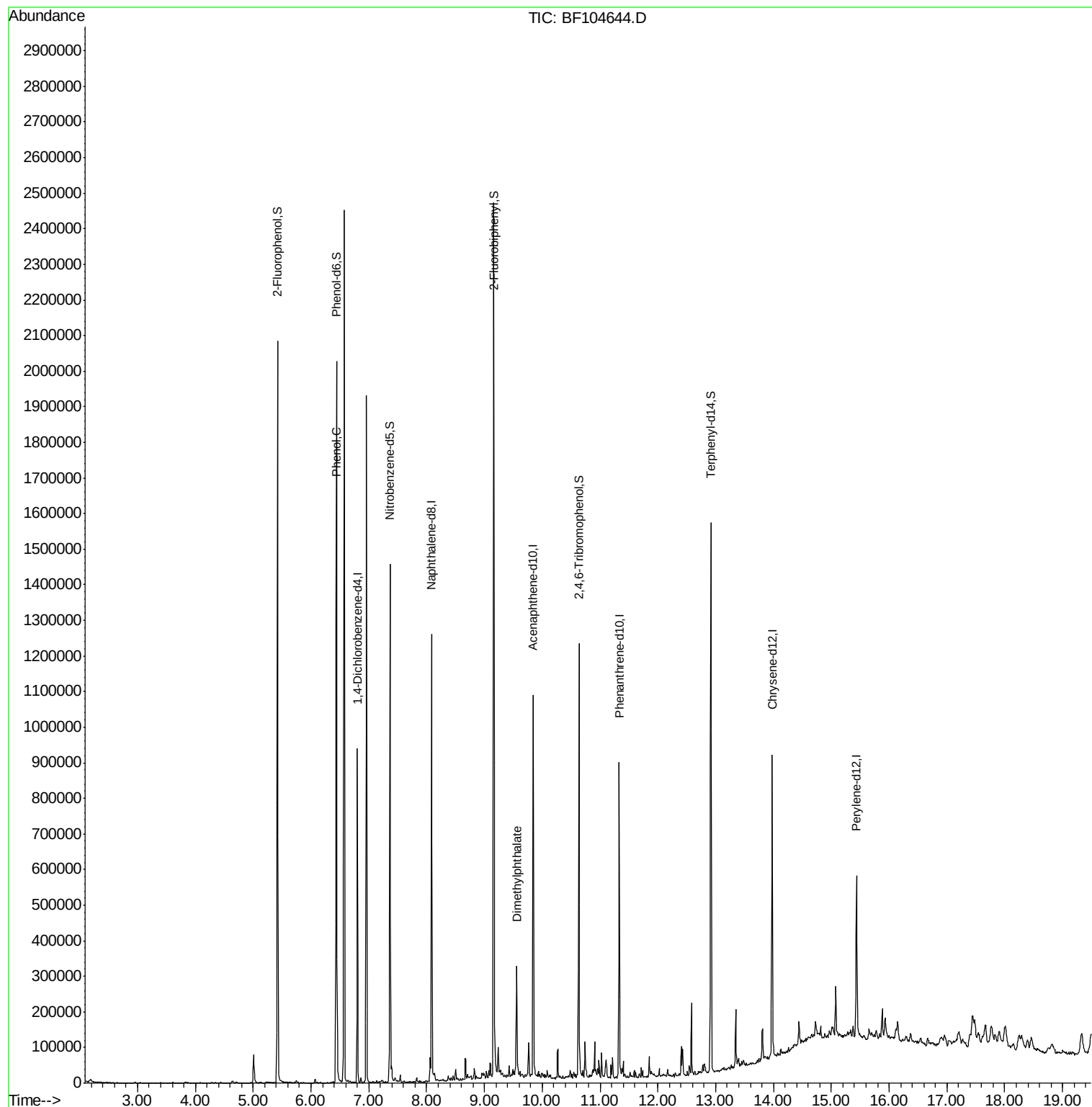
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134732	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	538244	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	223206	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	327837	20.00	ng	0.00
75) Chrysene-d12	13.97	240	270995	20.00	ng	-0.01
86) Perylene-d12	15.44	264	214782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	624268	70.85	ng	0.00
7) Phenol-d6	6.44	99	756339	69.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	462737	56.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	153647	66.36	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	747532	52.91	ng	0.00
78) Terphenyl-d14	12.92	244	477369	40.16	ng	0.00
Target Compounds						
10) Phenol	6.45	94	40127	3.493	ng	97
49) Dimethylphthalate	9.56	163	110506	6.278	ng	99

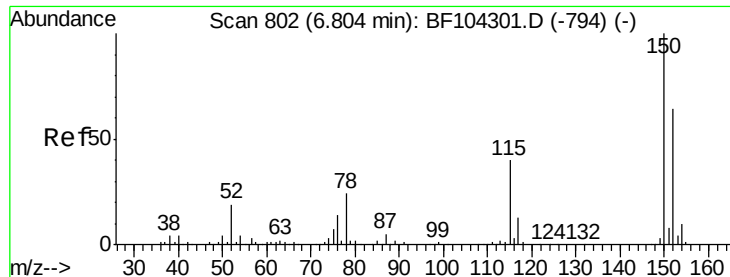
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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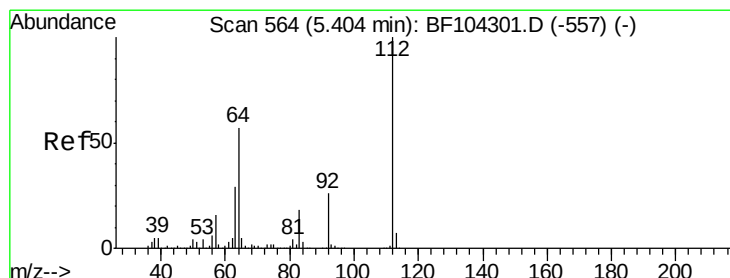
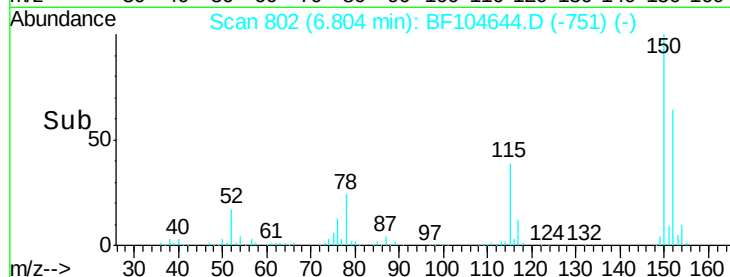
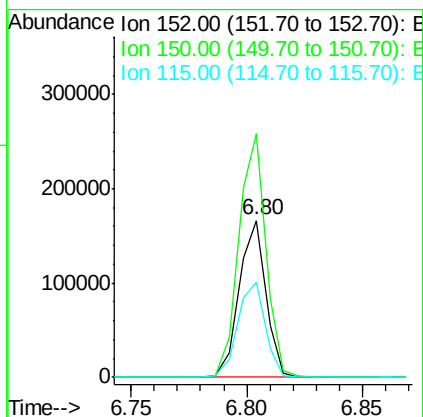
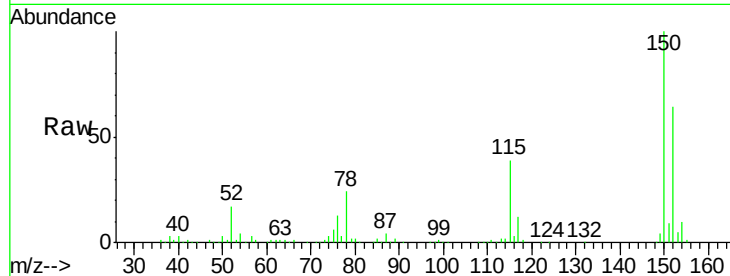


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS001-02

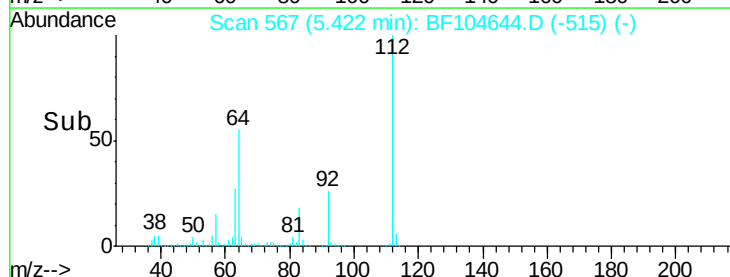
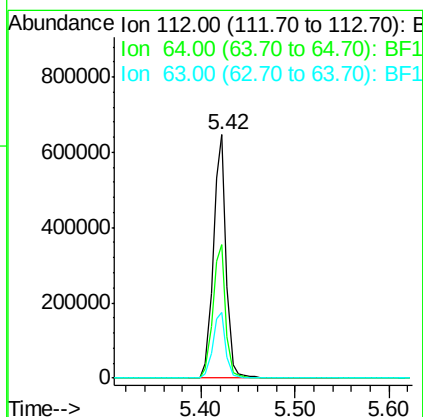
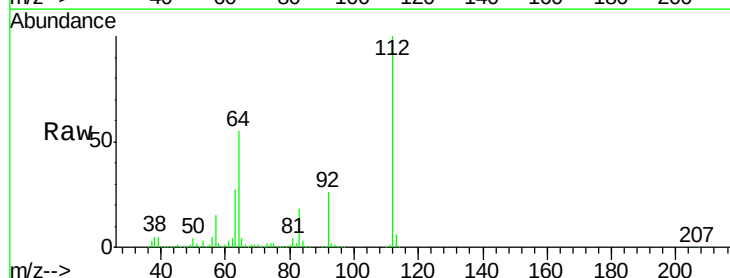
Tot Ion:152 Resp: 134732
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.7 50.1 75.1

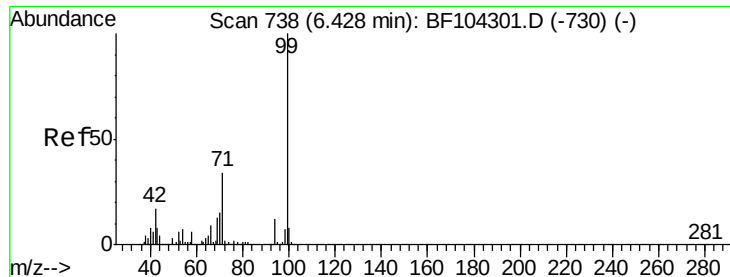


#5

2-Fluorophenol
Concen: 70.847 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion:112 Resp: 624268
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 69.861 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS001-02

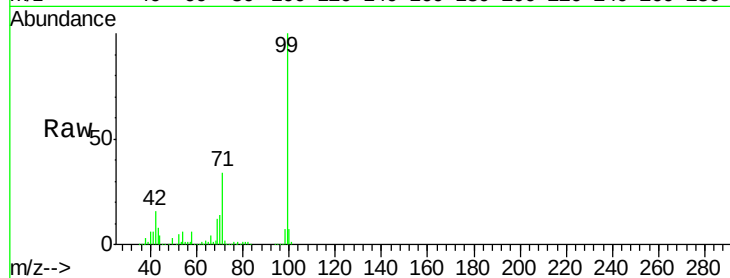
Tot Ion: 99 Resp: 756339

Ion Ratio Lower Upper

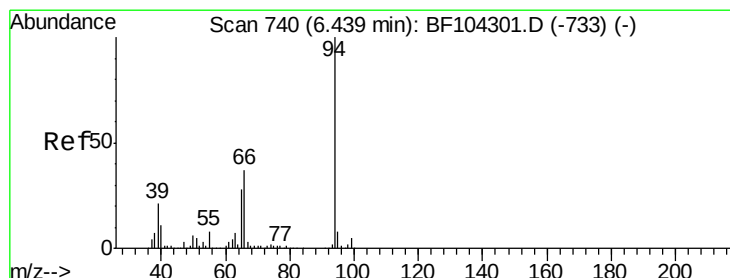
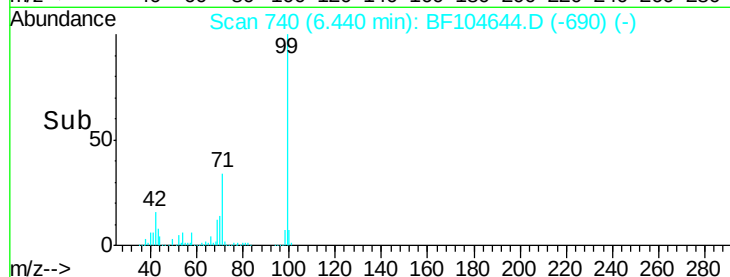
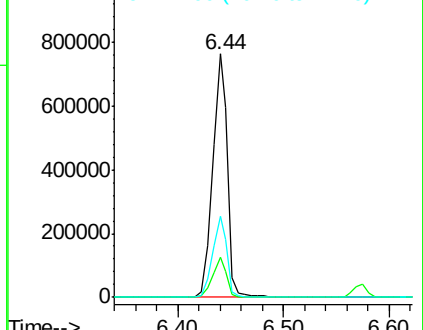
99 100

42 16.2 14.5 21.7

71 33.5 25.4 38.0



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



#10

Phenol

Concen: 3.493 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

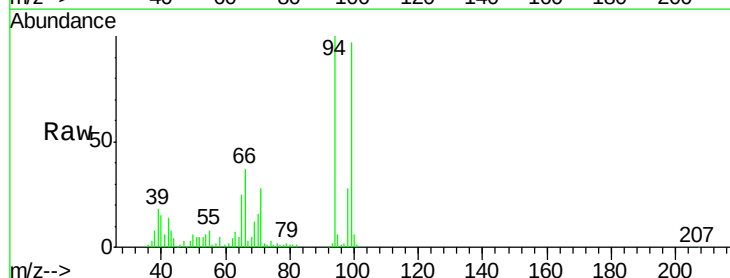
Tgt Ion: 94 Resp: 40127

Ion Ratio Lower Upper

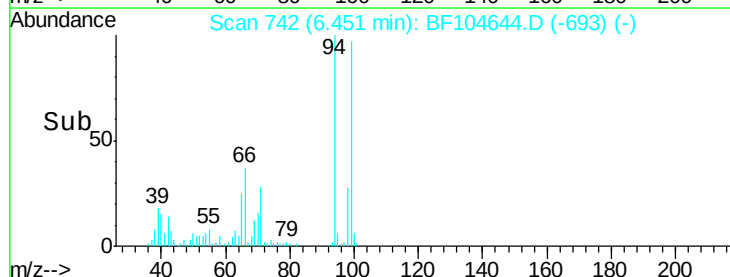
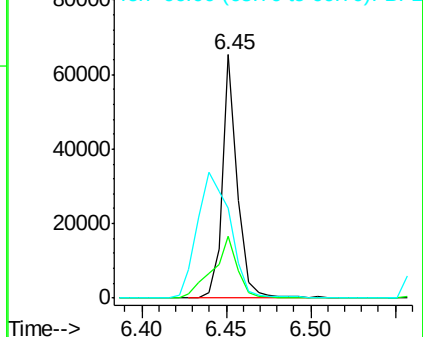
94 100

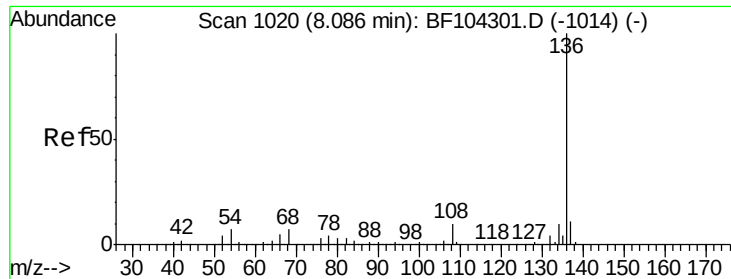
65 25.5 7.9 47.9

66 36.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS001-02

Tot Ion:136 Resp: 538244

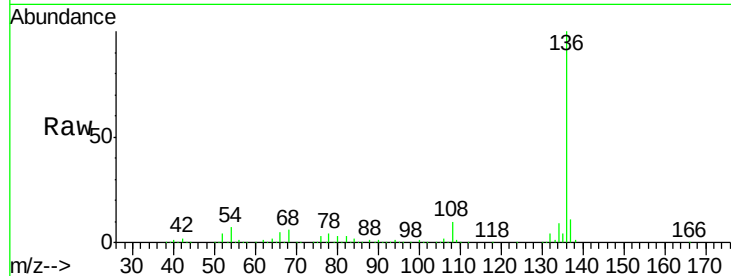
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 6.2 5.0 7.4

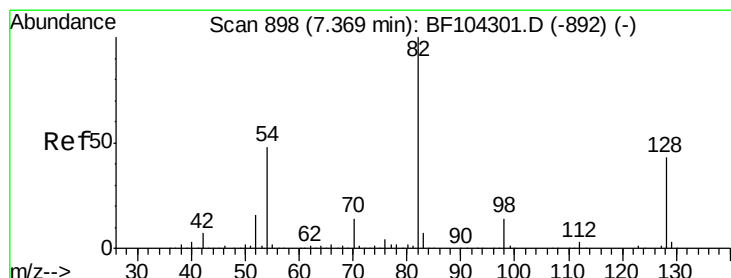
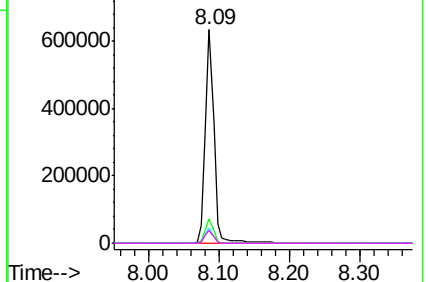
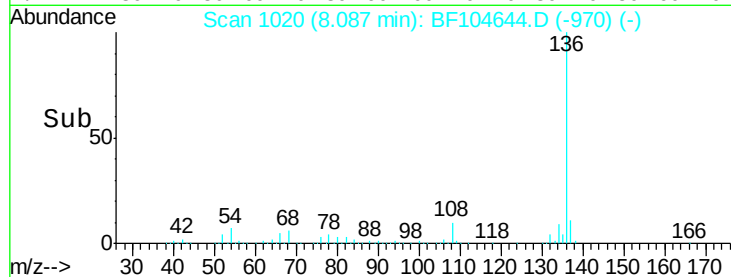


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.138 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

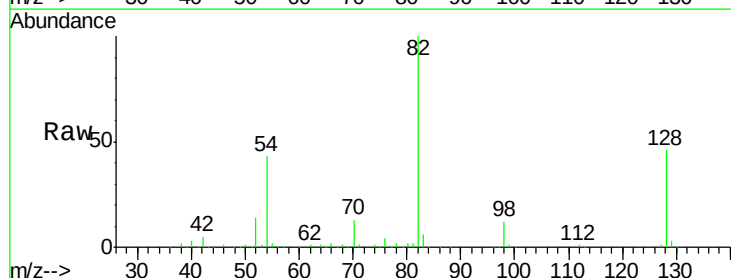
Tgt Ion: 82 Resp: 462737

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

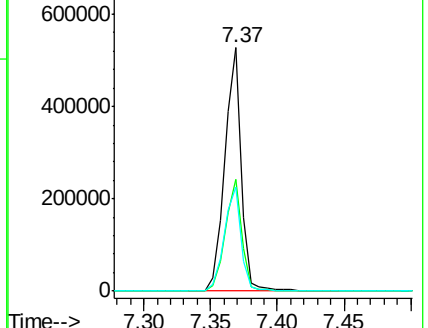
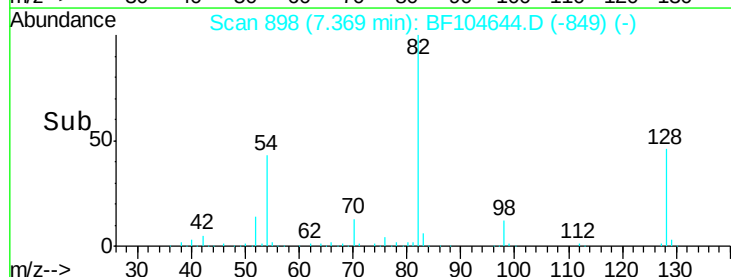
54 42.6 41.4 62.2

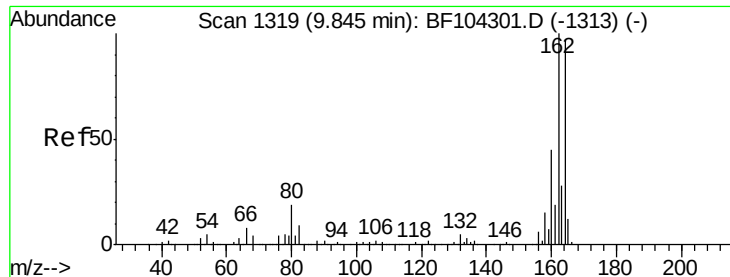


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS001-02

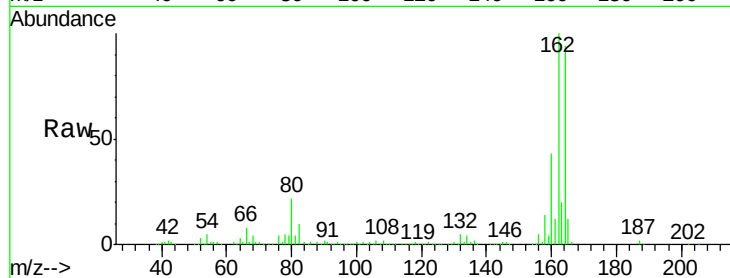
Tot Ion:164 Resp: 223206

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

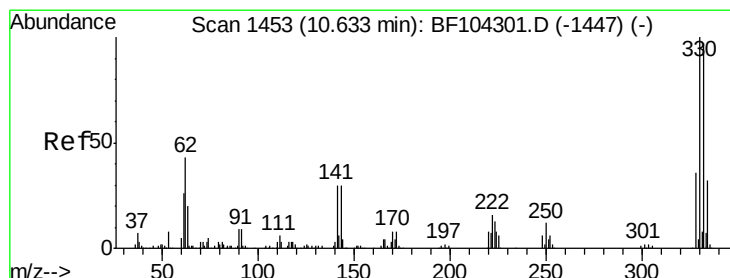
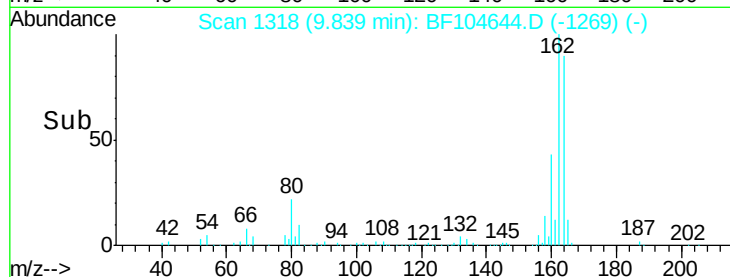
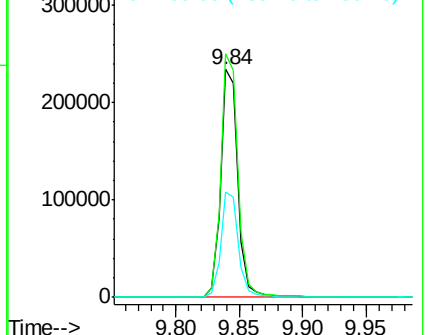
160 46.3 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 66.359 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

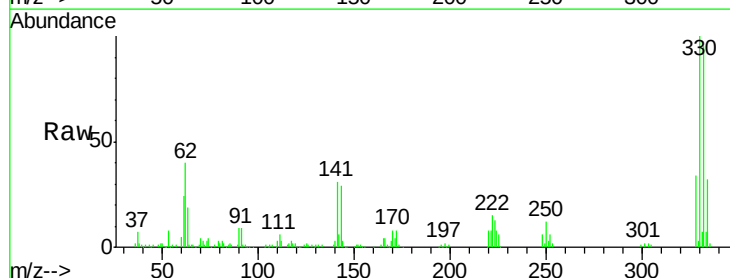
Tgt Ion:330 Resp: 153647

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

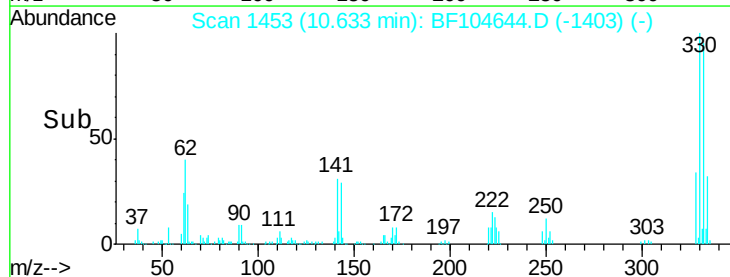
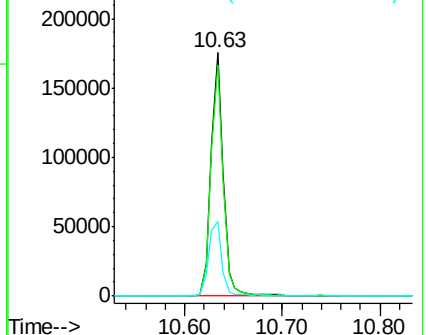
141 33.3 29.9 44.9

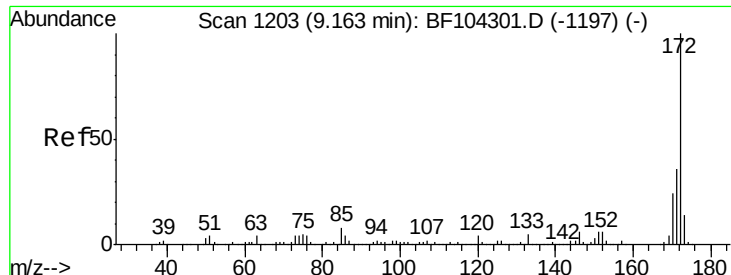


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

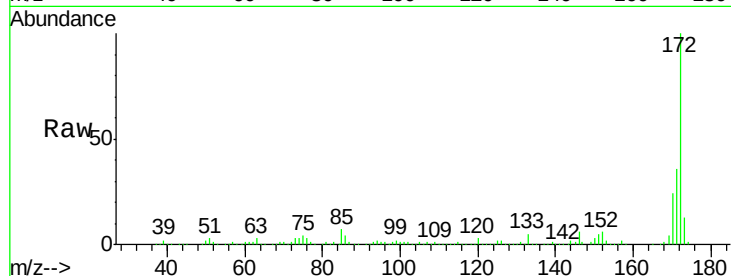




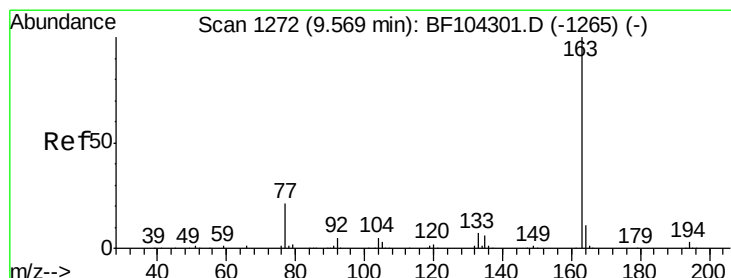
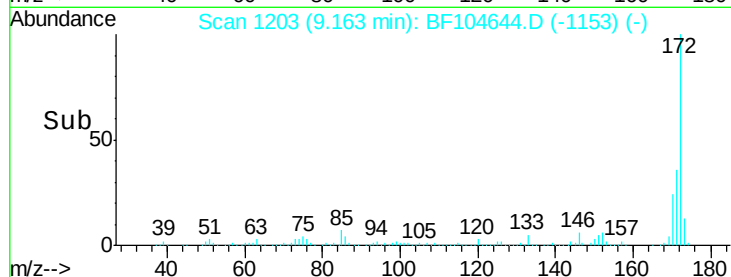
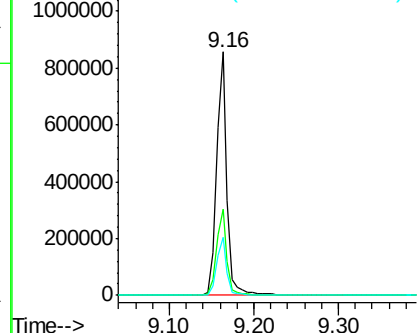
#44
2-Fluorobiphenyl
Concen: 52.907 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Instrument :
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ClientSampleId :
EME-FW-TS001-02

Tot Ion:172 Resp: 747532
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.7 19.6 29.4

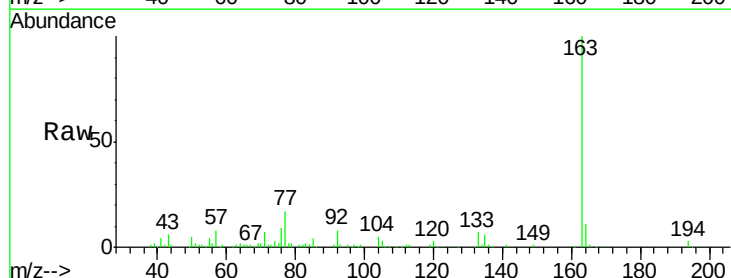


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

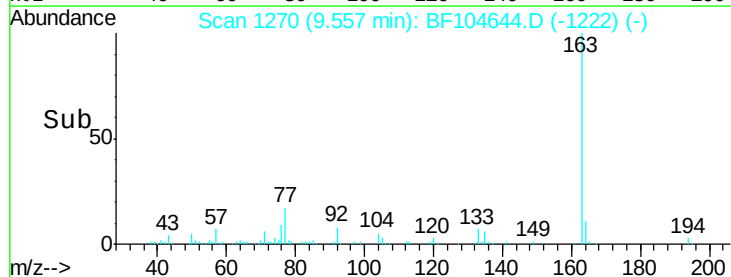
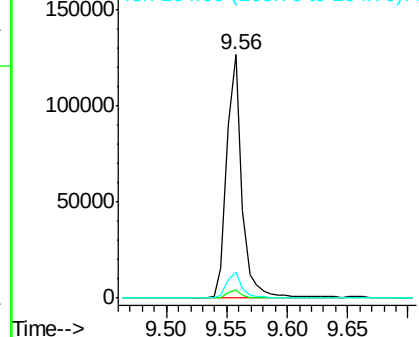


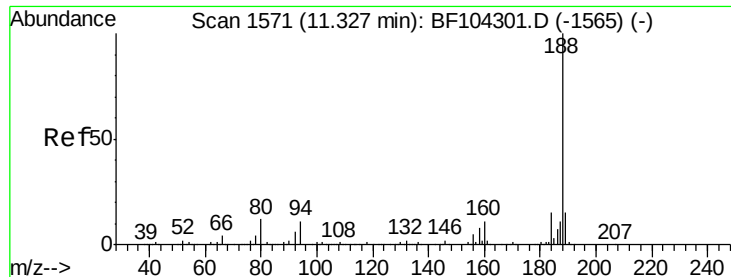
#49
Dimethylphthalate
Concen: 6.278 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion:163 Resp: 110506
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.2 12.2



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

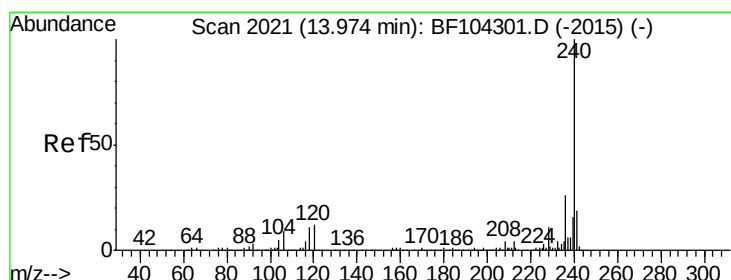
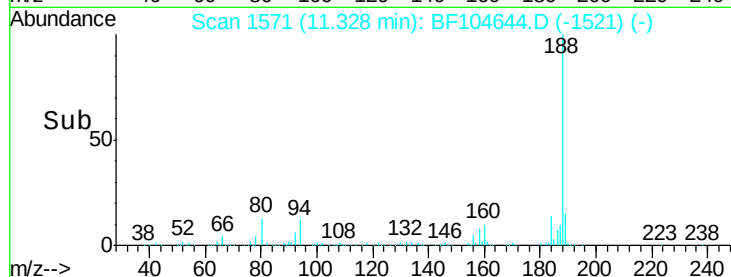
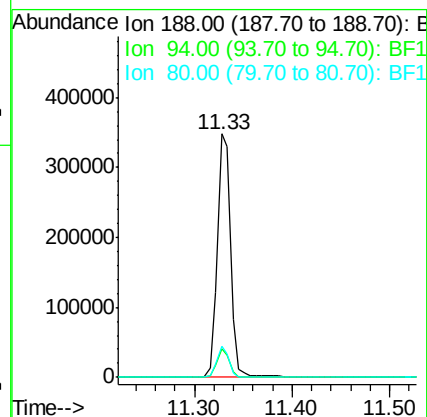
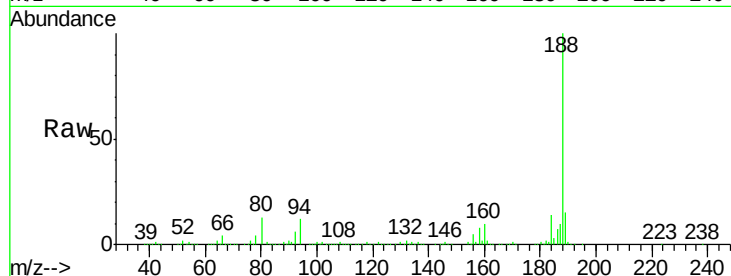




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

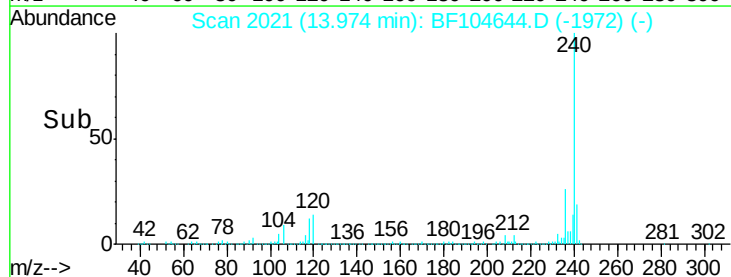
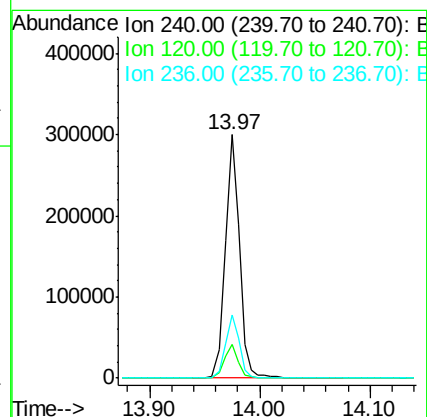
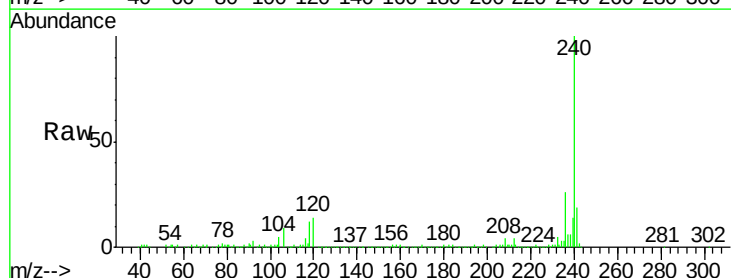
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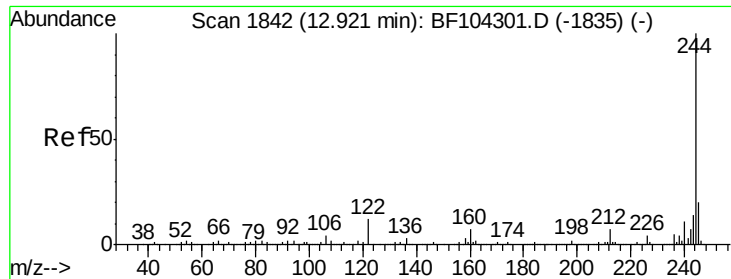
Tot Ion:188 Resp: 327837
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion:240 Resp: 270995
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.0 20.7 31.1

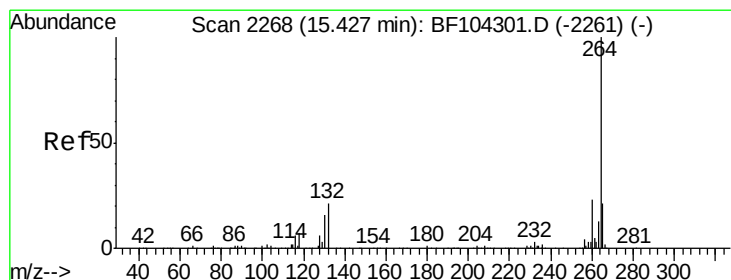
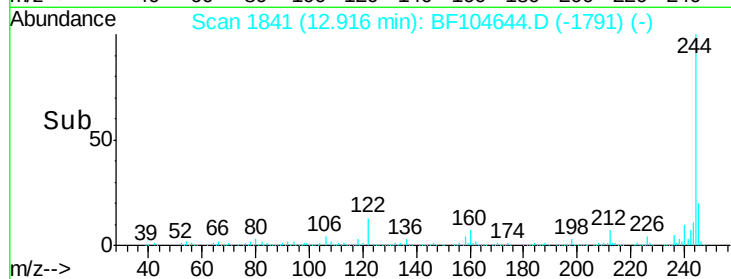
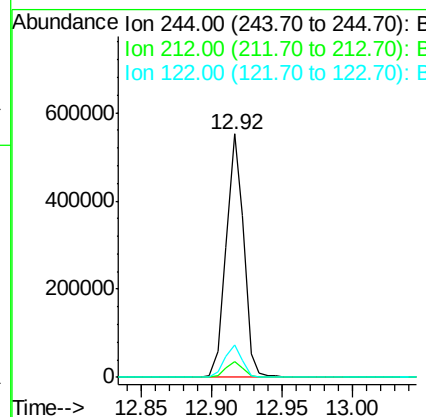
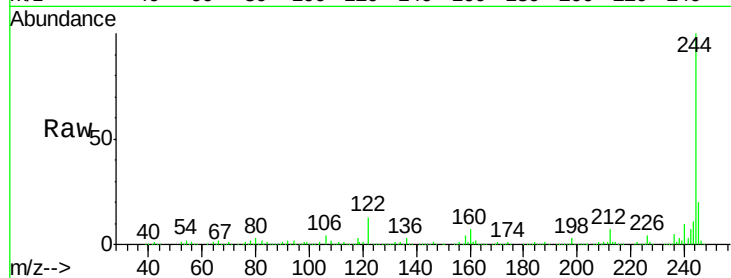




#78
 Terphenyl-d14
 Concen: 40.160 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104644.D
 Acq: 19 Apr 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS001-02

Tot Ion:244 Resp: 477369
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104644.D
 Acq: 19 Apr 2018 22:30

Tgt Ion:264 Resp: 214782
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.9 17.5 26.3

