

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116671.D
 Acq On : 31 Aug 2019 1:03
 Operator : HP/JU
 Sample : K4613-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-S

Quant Time: Aug 31 04:38:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

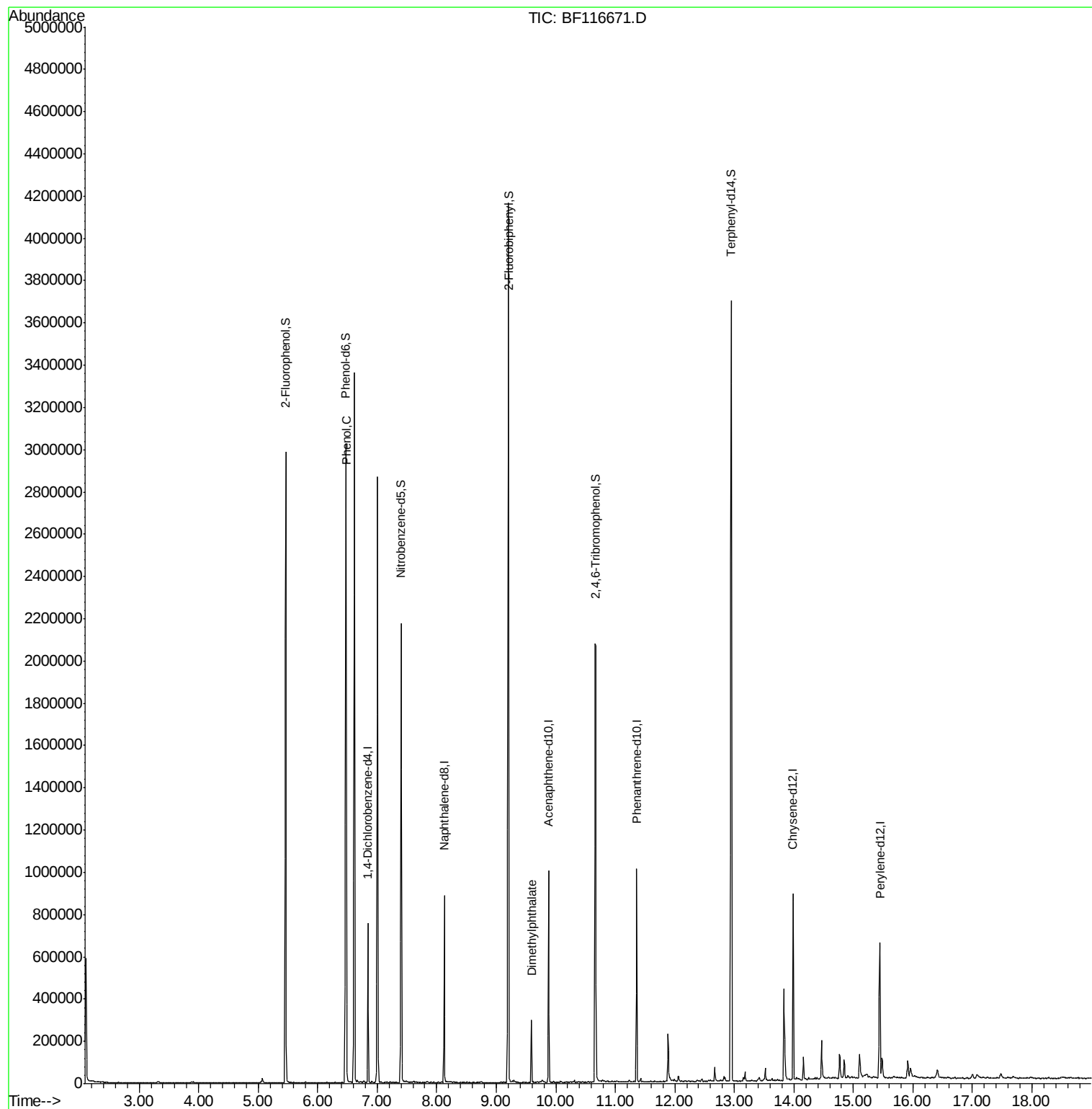
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97566	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	369009	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	194917	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	338861	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	278018	20.00	ng	-0.01
87) Perylene-d12	15.44	264	287020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	927077	153.94	ng	0.00
7) Phenol-d6	6.47	99	1285251	162.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	788224	121.94	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	238404	182.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1212444	104.93	ng	0.00
79) Terphenyl-d14	12.94	244	1344549	89.47	ng	0.00
Target Compounds						
10) Phenol	6.49	94	40731	4.651	ng	94
50) Dimethylphthalate	9.59	163	115361	8.573	ng	98

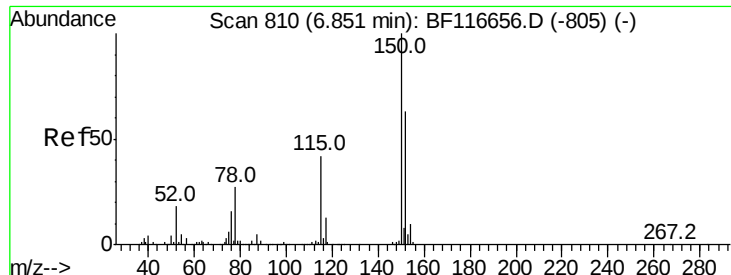
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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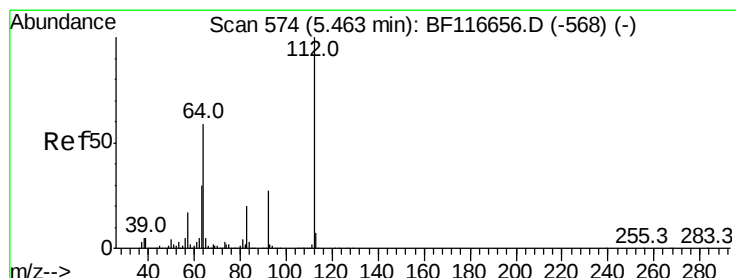
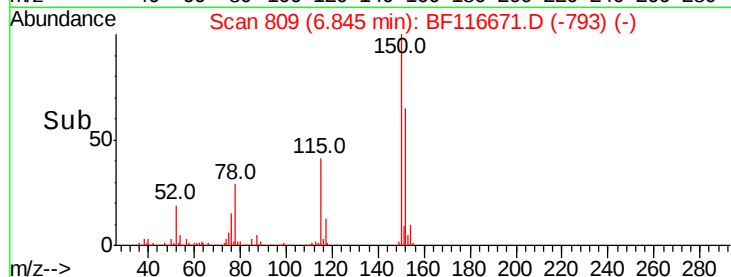
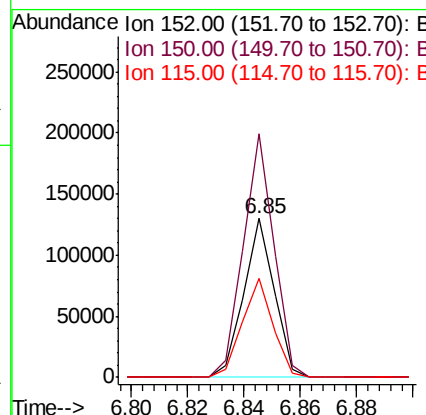
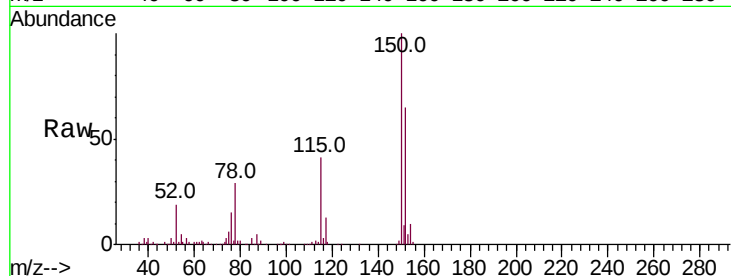


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116671.D
Acq: 31 Aug 2019 1:03

Instrument :
BNA_F
ClientSampleId :
TP-10-S

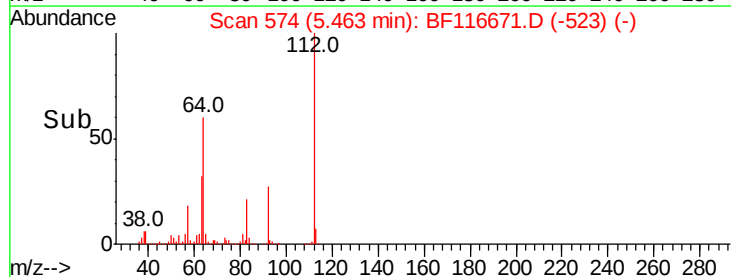
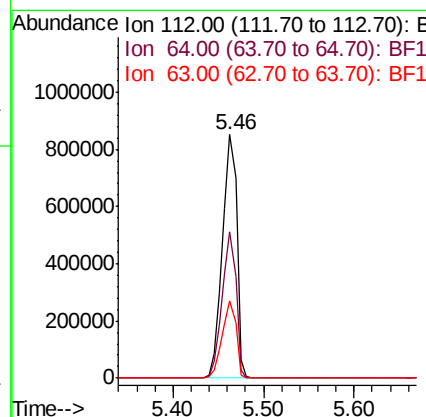
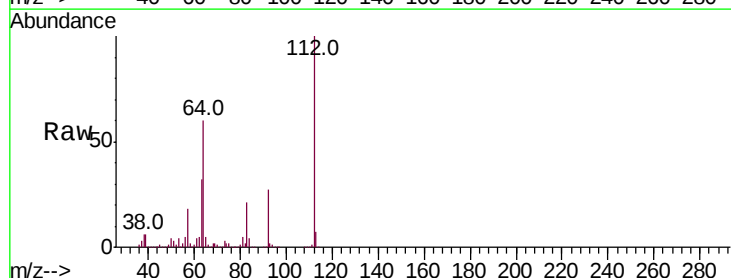
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.4	186.6
115	62.5	49.9	74.9

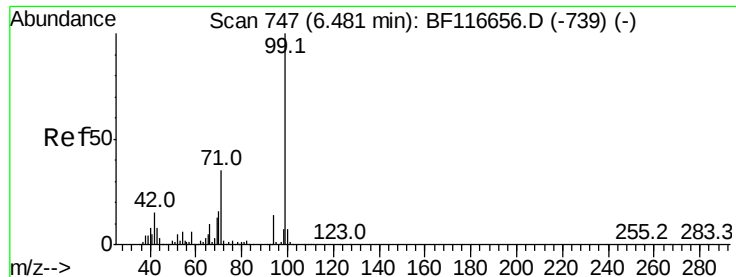


#5

2-Fluorophenol
Concen: 153.939 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116671.D
Acq: 31 Aug 2019 1:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.1	70.7
63	31.9	24.9	37.3





#7

Phenol-d6

Concen: 162.524 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

Instrument :

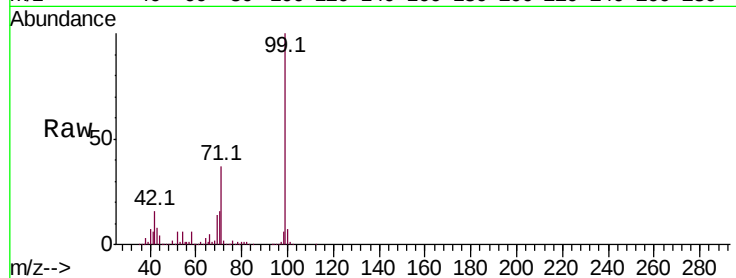
BNA_F

ClientSampled :

TP-10-S

Tot Ion: 99 Resp: 1285251

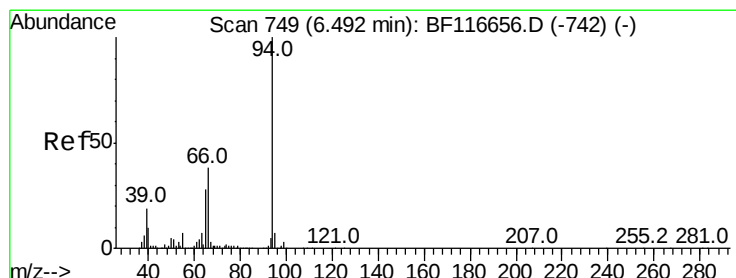
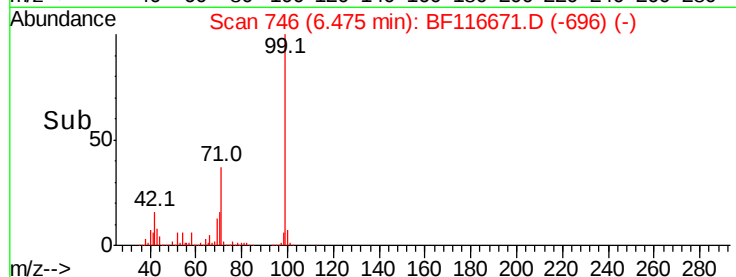
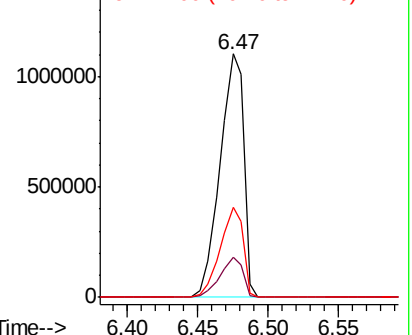
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	37.0	30.8	46.2



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: 4.651 ng

RT: 6.49 min Scan# 748

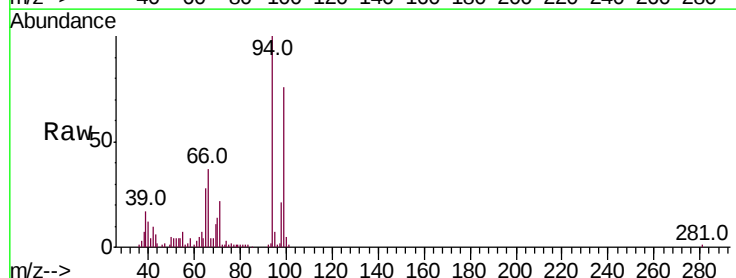
Delta R.T. -0.01 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

Tgt Ion: 94 Resp: 40731

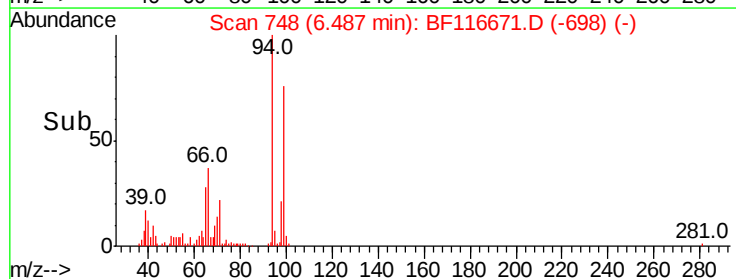
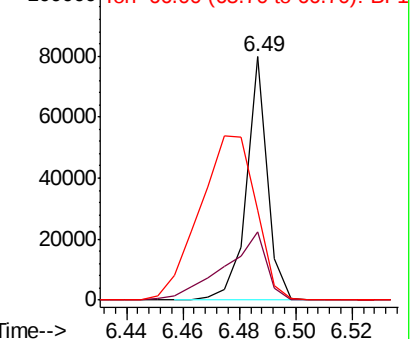
Ion	Ratio	Lower	Upper
94	100		
65	28.0	10.8	50.8
66	36.7	21.1	61.1

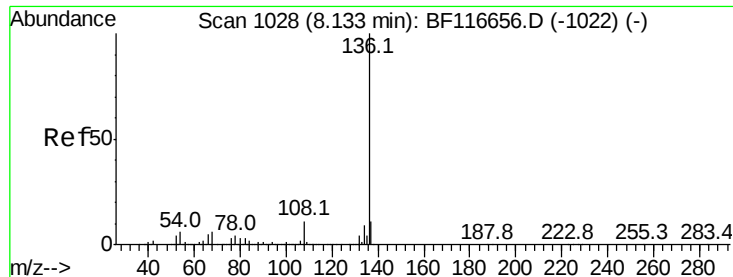


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

Instrument :

BNA_F

ClientSampleId :

TP-10-S

Tot Ion:136 Resp: 369009

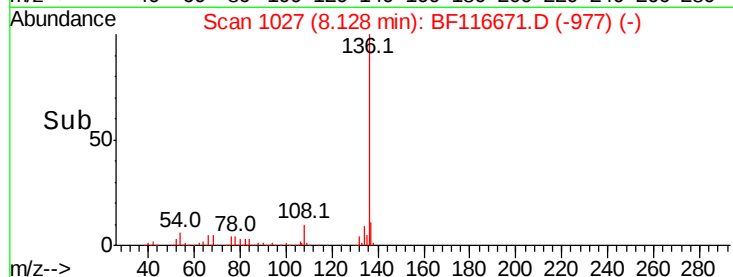
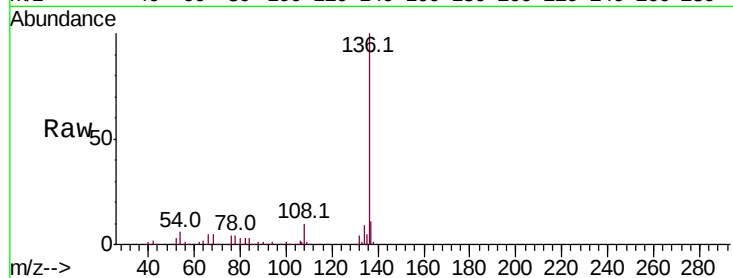
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 4.8 7.2

68 5.1 4.0 6.0

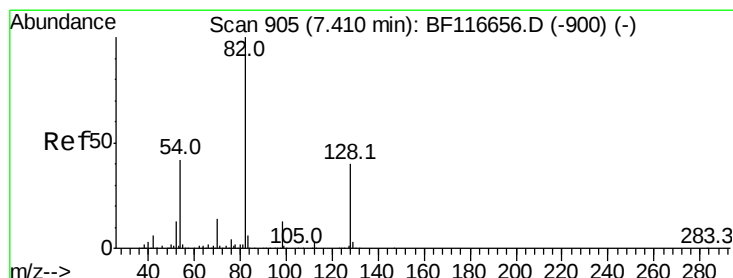
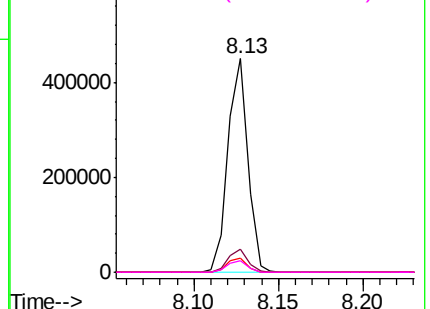


Abundance Ion 136.00 (135.70 to 136.70): E

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: 121.942 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

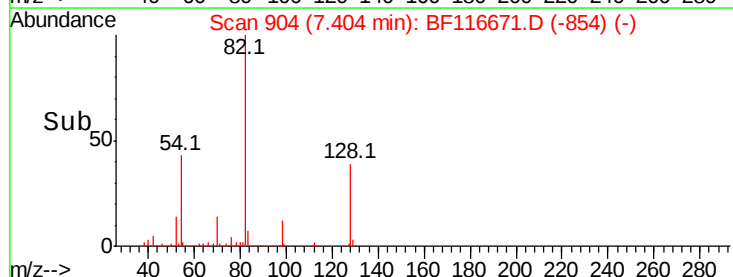
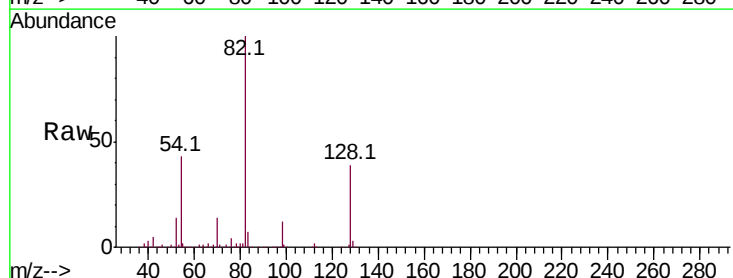
Tgt Ion: 82 Resp: 788224

Ion Ratio Lower Upper

82 100

128 39.5 32.8 49.2

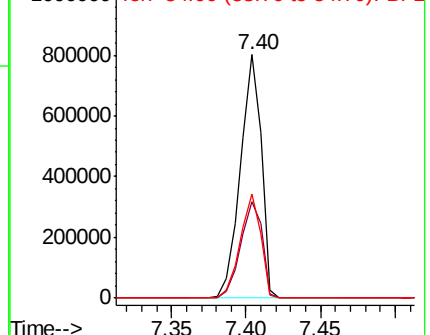
54 43.0 36.9 55.3

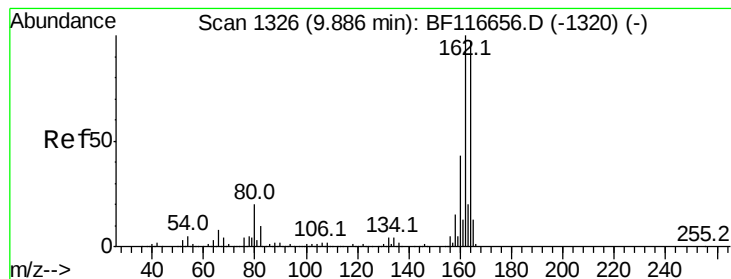


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

Instrument :

BNA_F

ClientSampleId :

TP-10-S

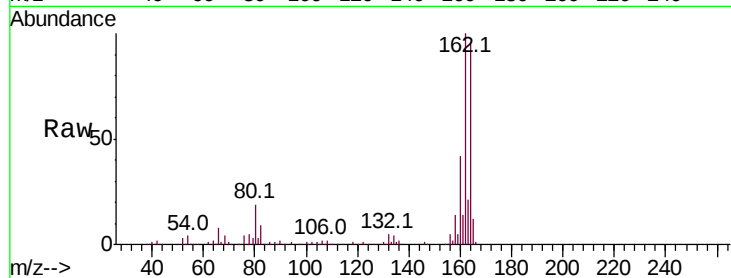
Tot Ion:164 Resp: 194917

Ion Ratio Lower Upper

164 100

162 104.5 81.4 122.0

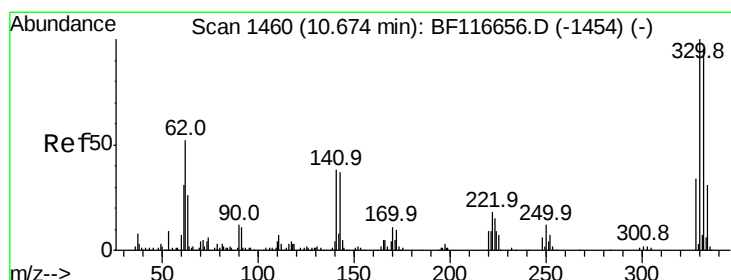
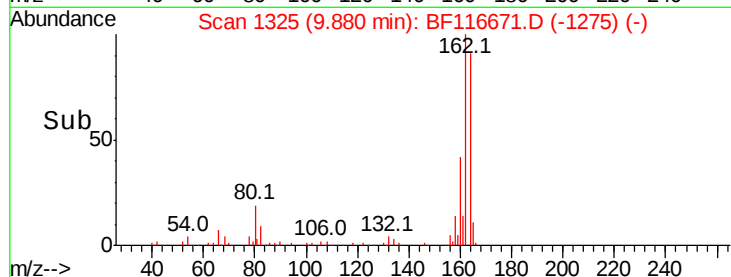
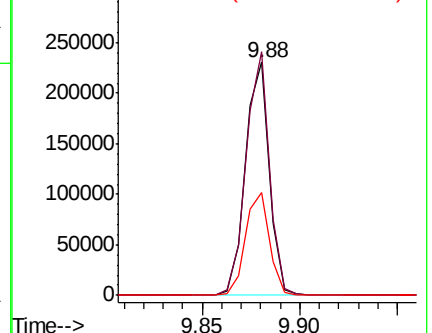
160 44.2 35.4 53.2



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: 182.957 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

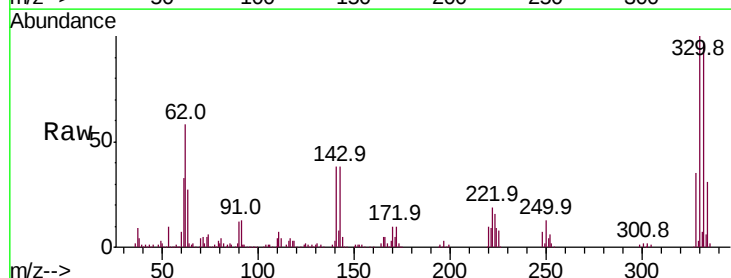
Tgt Ion:330 Resp: 238404

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

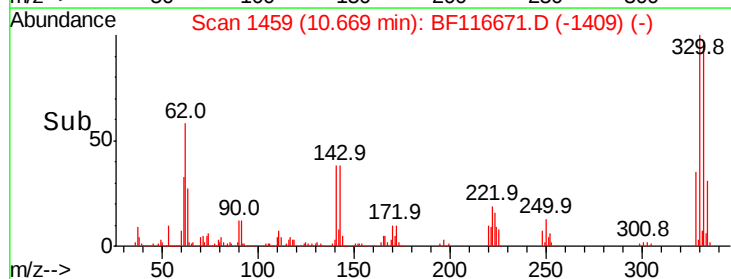
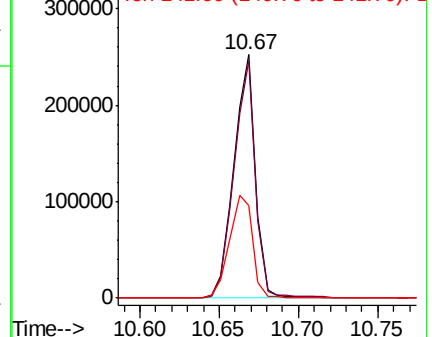
141 45.7 31.4 47.2

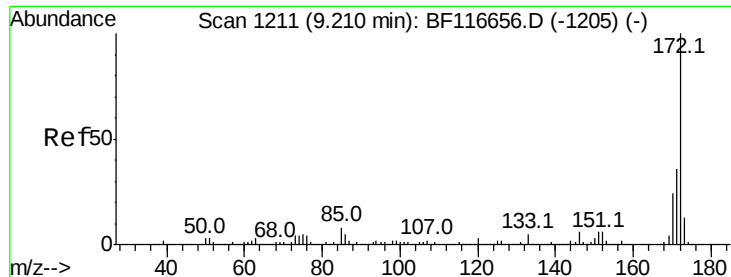


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



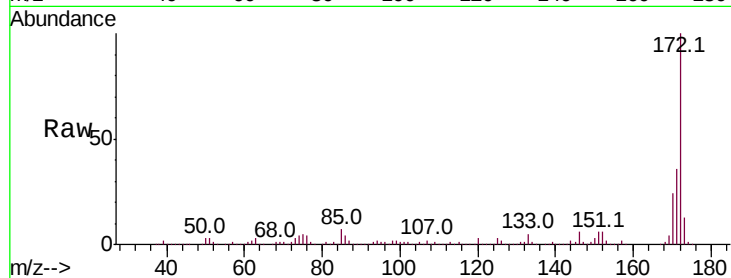


#45
 2-Fluorobiphenyl
 Concen: 104.930 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116671.D
 Acq: 31 Aug 2019 1:03

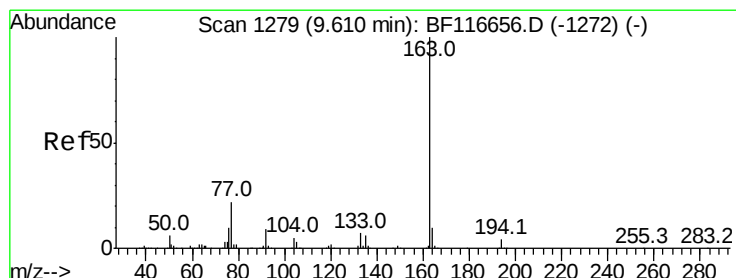
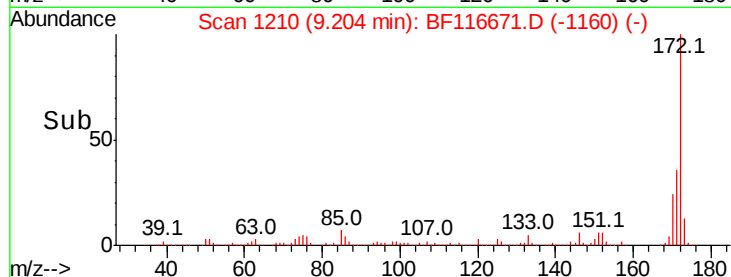
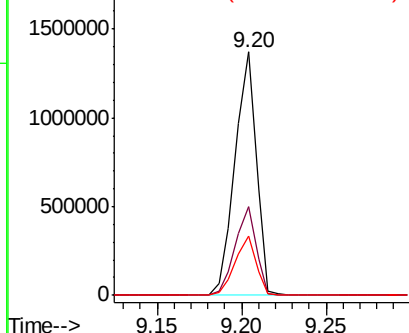
Instrument :
 BNA_F
 ClientSampleId :
 TP-10-S

Tot Ion:172 Resp: 1212444

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	24.4	18.9	28.3



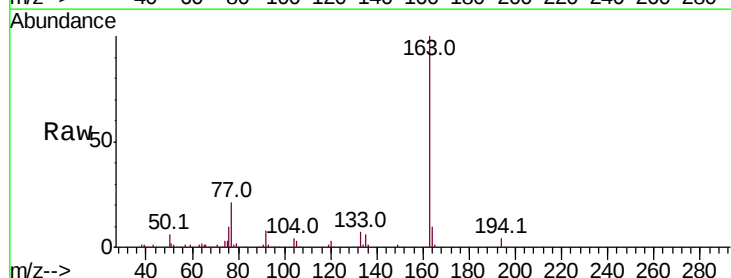
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



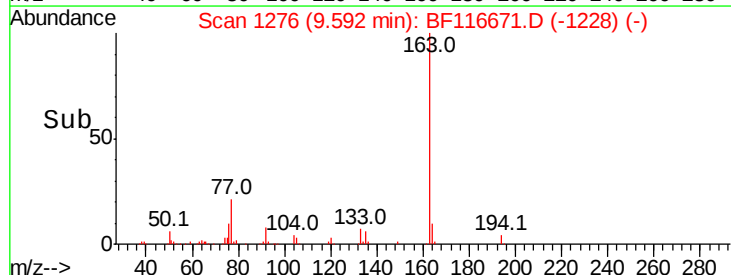
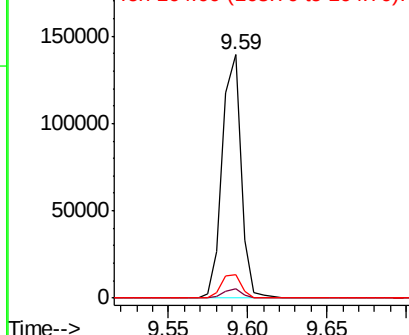
#50
 Dimethylphthalate
 Concen: 8.573 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF116671.D
 Acq: 31 Aug 2019 1:03

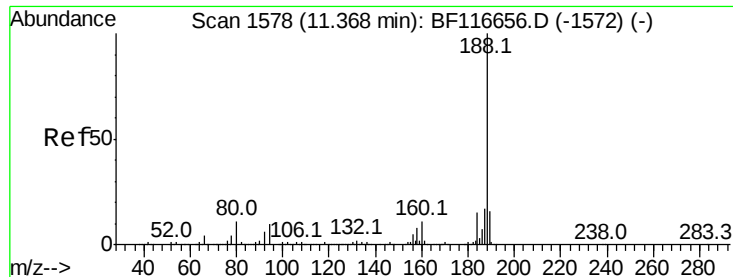
Tgt Ion:163 Resp: 115361

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.7	8.6	12.8



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

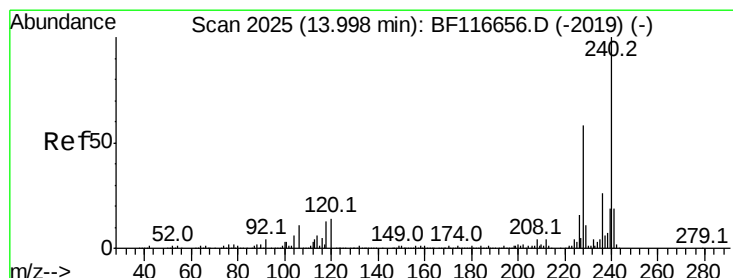
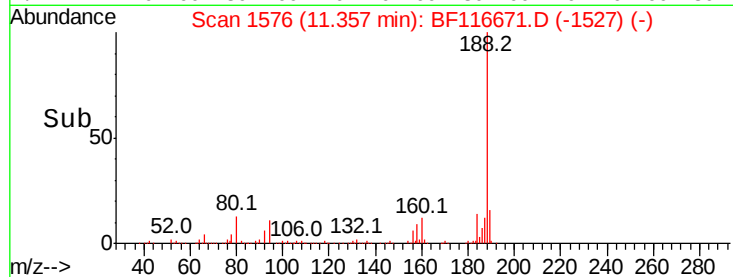
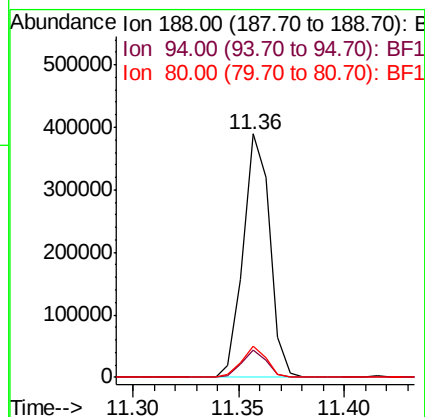
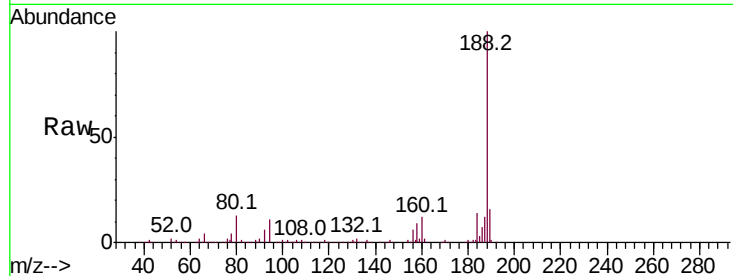




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116671.D
Acq: 31 Aug 2019 1:03

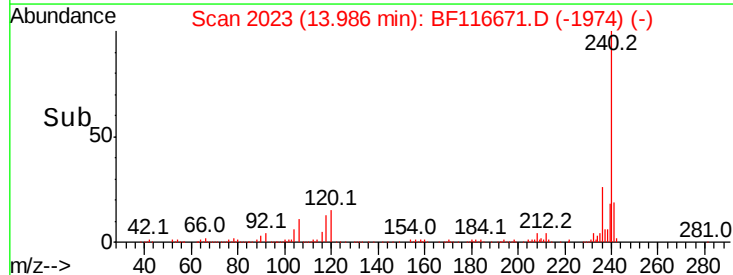
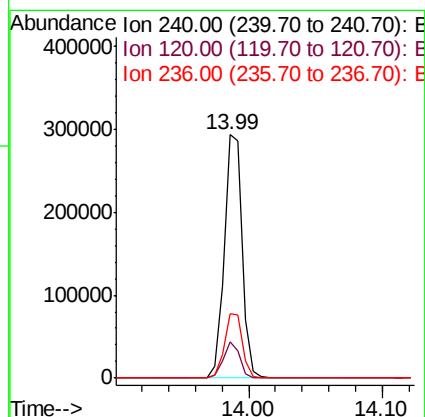
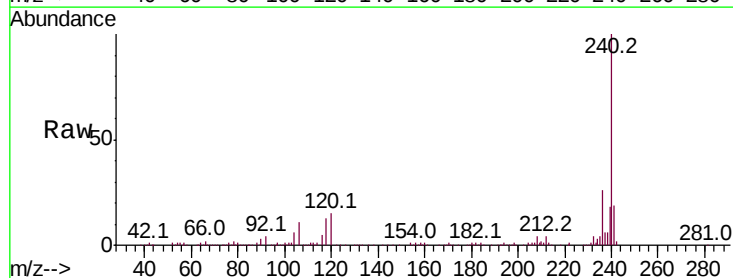
Instrument :
BNA_F
ClientSampled :
TP-10-S

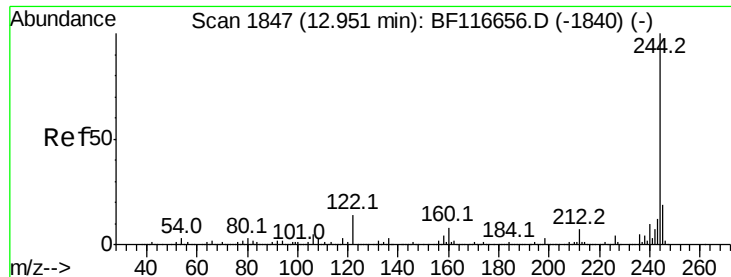
Tot Ion:188 Resp: 338861
Ion Ratio Lower Upper
188 100
94 11.2 7.3 10.9#
80 12.6 8.4 12.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116671.D
Acq: 31 Aug 2019 1:03

Tgt Ion:240 Resp: 278018
Ion Ratio Lower Upper
240 100
120 14.8 9.1 13.7#
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 89.467 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

Instrument :

BNA_F

ClientSampleId :

TP-10-S

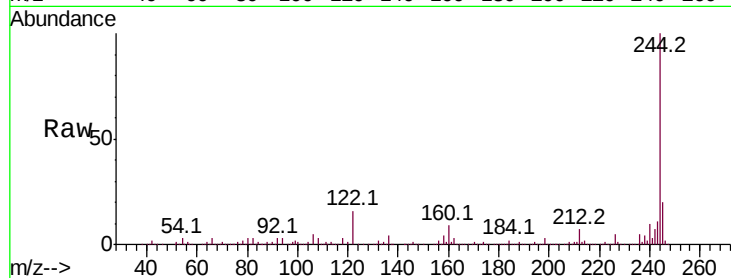
Tot Ion:244 Resp: 1344549

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

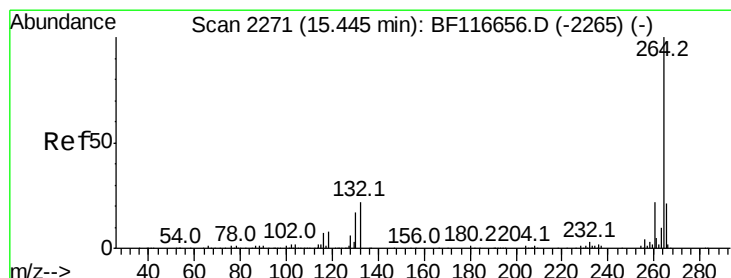
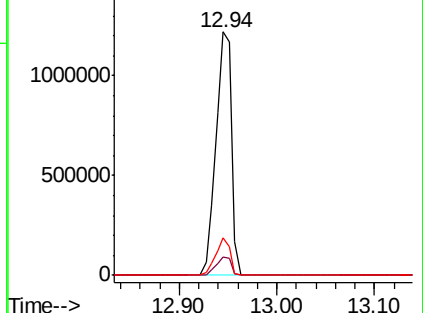
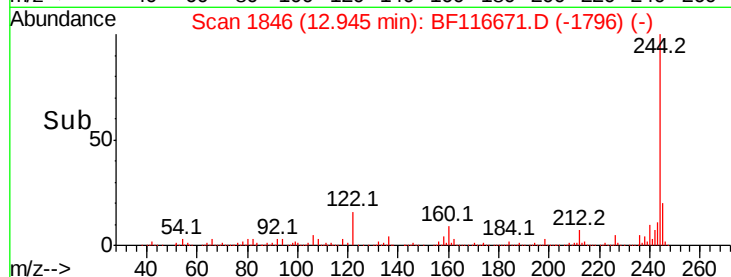
122 15.6 10.2 15.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116671.D

Acq: 31 Aug 2019 1:03

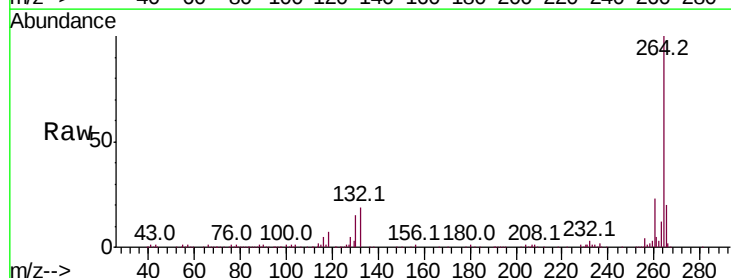
Tgt Ion:264 Resp: 287020

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 20.3 16.5 24.7



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

