

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115710.D
 Acq On : 22 Jul 2019 15:39
 Operator : HP/JU
 Sample : K3621-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071919

Quant Time: Jul 23 02:22:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

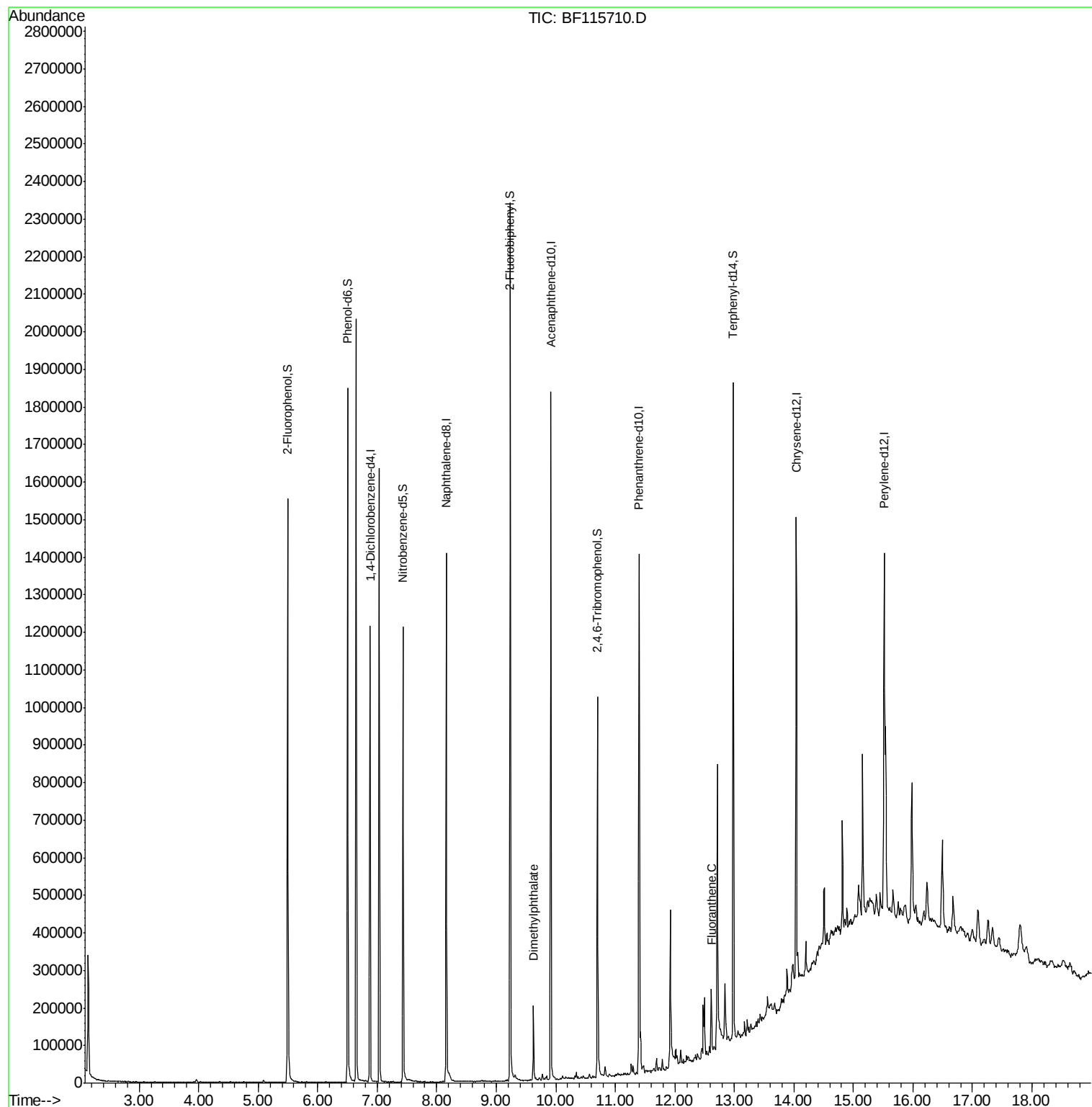
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	178766	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	696235	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	348029	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	524995	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	396777	20.00	ng	-0.01
87) Perylene-d12	15.52	264	477115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	481137	44.02	ng	0.00
7) Phenol-d6	6.50	99	631279	45.52	ng	-0.01
23) Nitrobenzene-d5	7.43	82	384333	32.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	139382	34.31	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	697467	35.08	ng	-0.02
79) Terphenyl-d14	12.98	244	555046	25.81	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	83250	3.179	ng	99
75) Fluoranthene	12.62	202	69459	2.443	ng	98

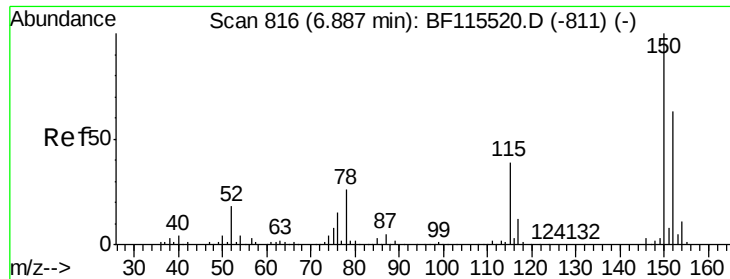
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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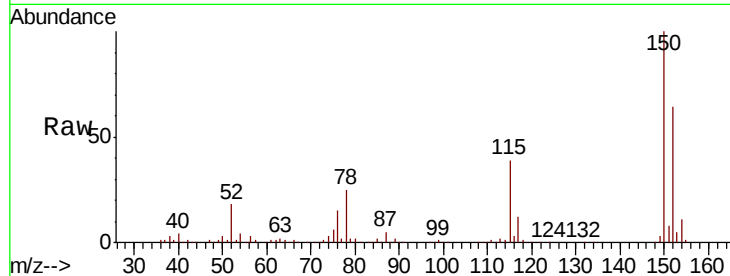


#1

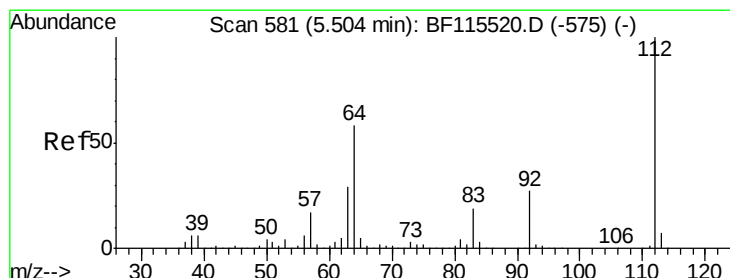
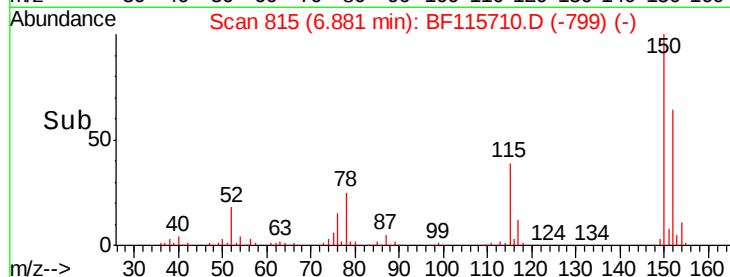
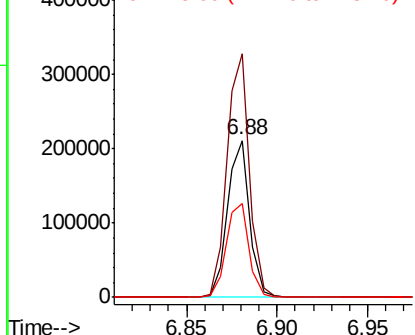
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115710.D
Acq: 22 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
OK-02-071919

Tot Ion:152 Resp: 178766
Ion Ratio Lower Upper
152 100
150 155.2 129.7 194.5
115 59.8 48.2 72.4



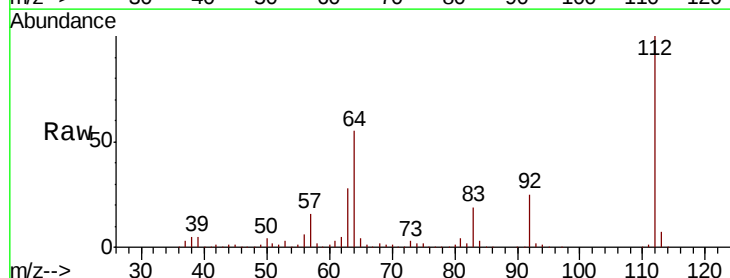
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



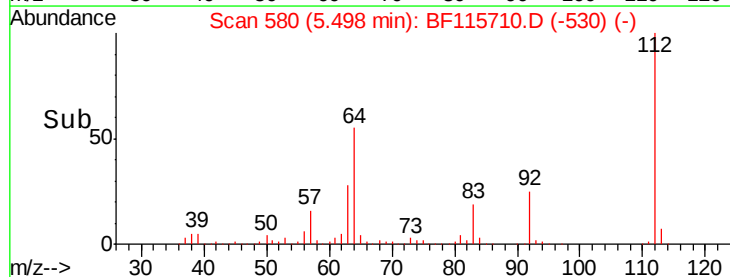
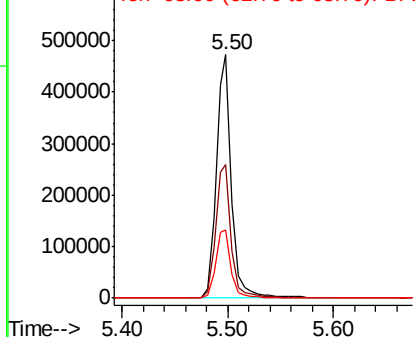
#5

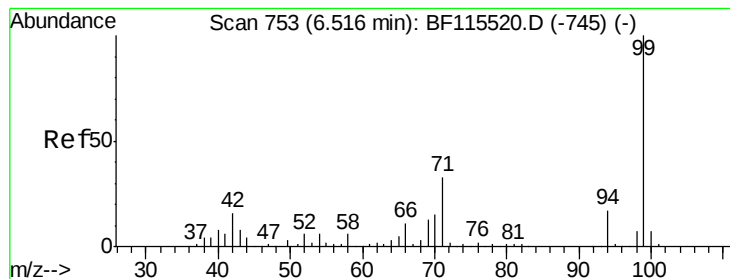
2-Fluorophenol
Concen: 44.024 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115710.D
Acq: 22 Jul 2019 15:39

Tgt Ion:112 Resp: 481137
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 28.1 24.1 36.1



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: 45.522 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

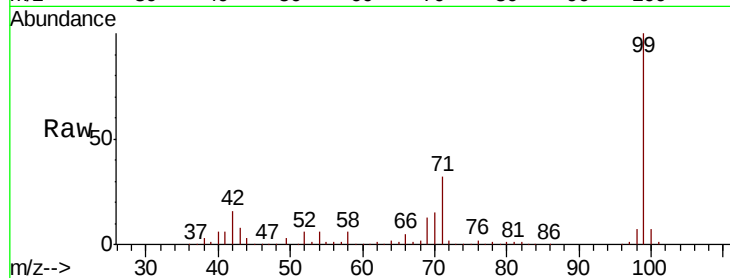
Tot Ion: 99 Resp: 631279

Ion Ratio Lower Upper

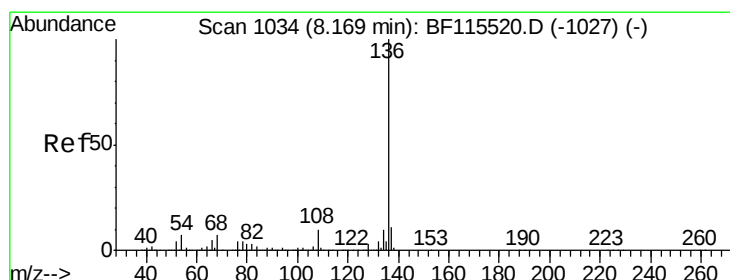
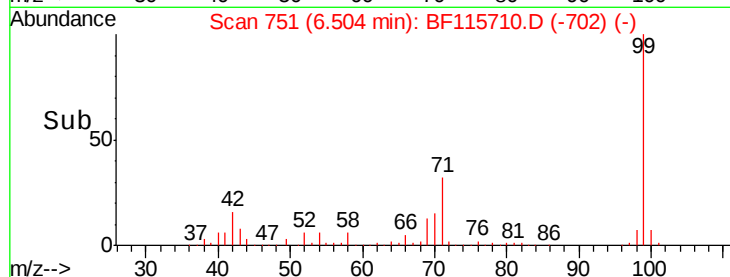
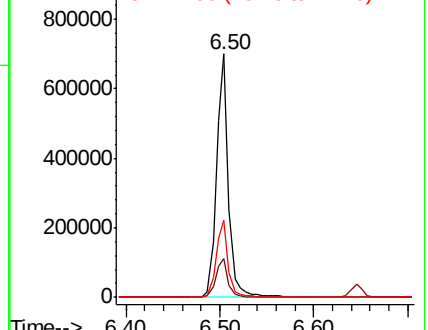
99 100

42 15.8 13.6 20.4

71 31.8 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

Tgt Ion: 136 Resp: 696235

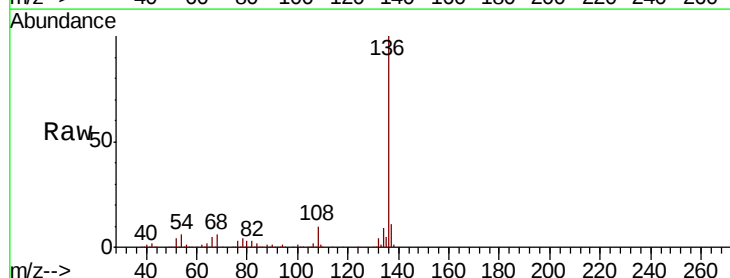
Ion Ratio Lower Upper

136 100

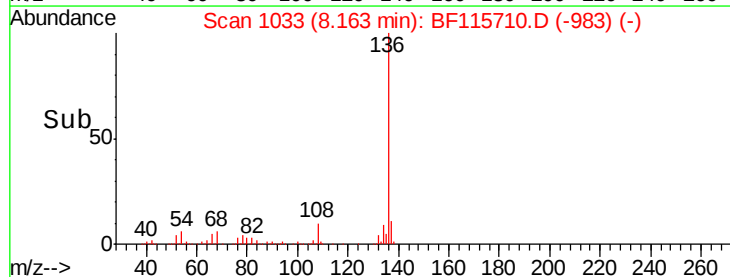
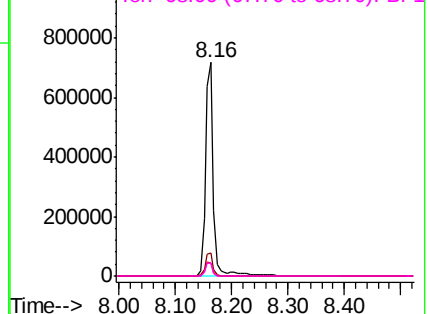
137 10.9 9.0 13.4

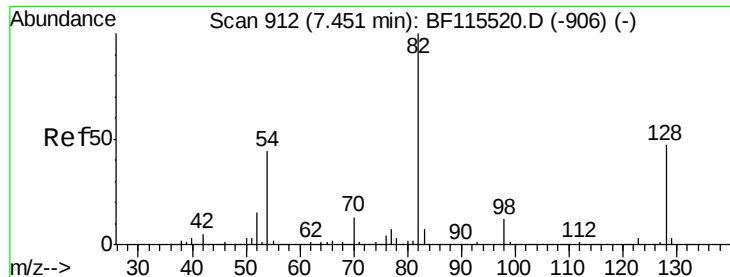
54 6.3 5.6 8.4

68 5.7 5.0 7.6



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

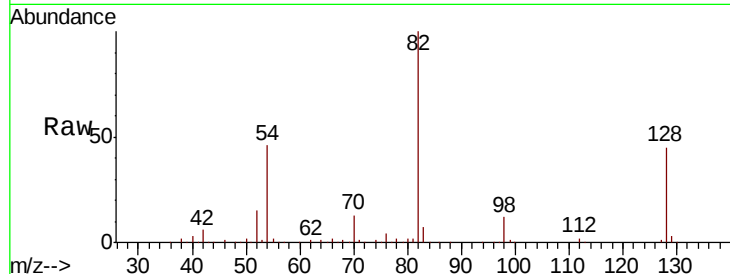




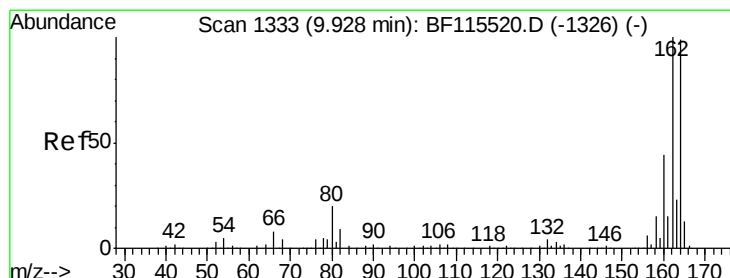
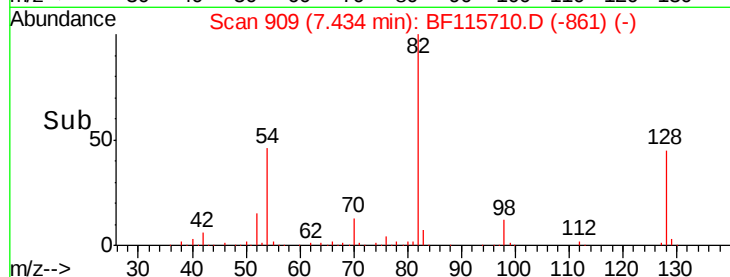
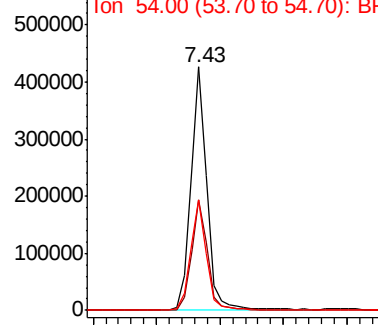
#23
 Nitrobenzene-d5
 Concen: 32.098 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115710.D
 Acq: 22 Jul 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071919

Tot Ion: 82 Resp: 384333
 Ion Ratio Lower Upper
 82 100
 128 45.4 38.6 57.8
 54 45.6 35.6 53.4

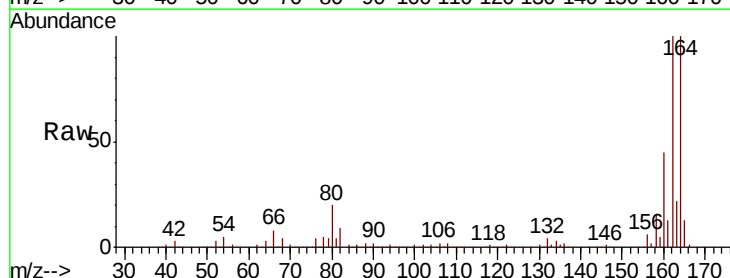


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

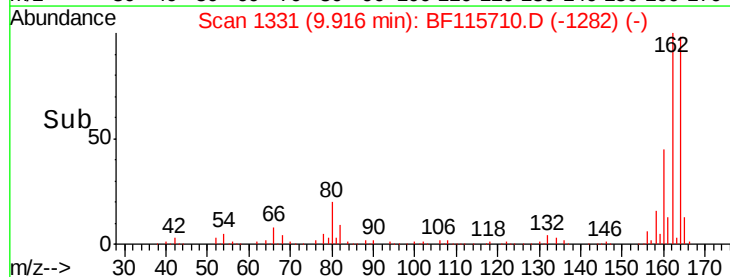
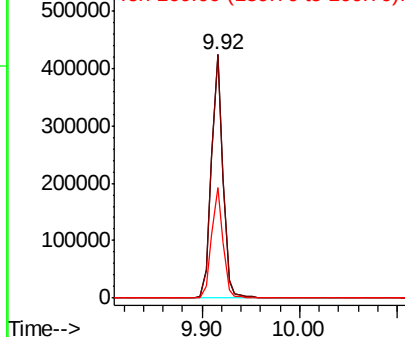


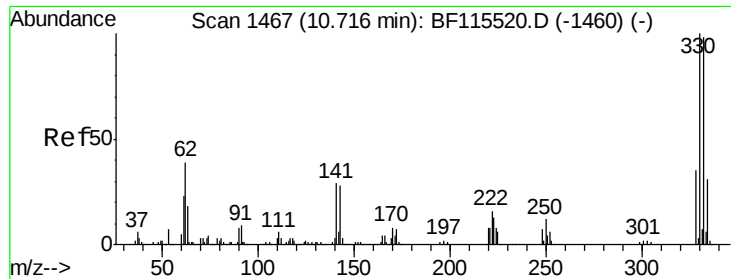
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115710.D
 Acq: 22 Jul 2019 15:39

Tgt Ion:164 Resp: 348029
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.9 124.3
 160 45.2 36.8 55.2



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: 34.311 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

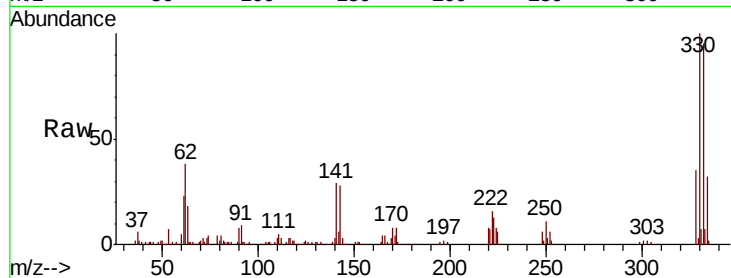
Tot Ion:330 Resp: 139382

Ion Ratio Lower Upper

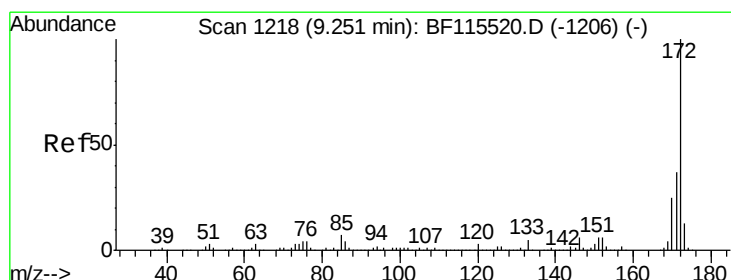
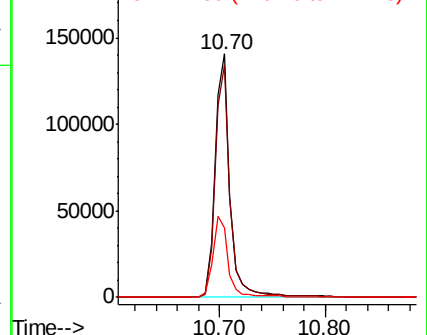
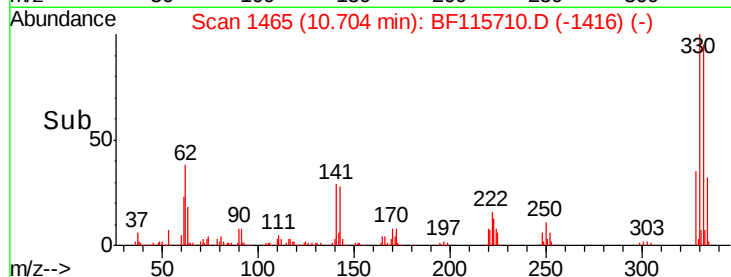
330 100

332 96.6 77.4 116.2

141 34.3 22.4 33.6#



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: 35.077 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

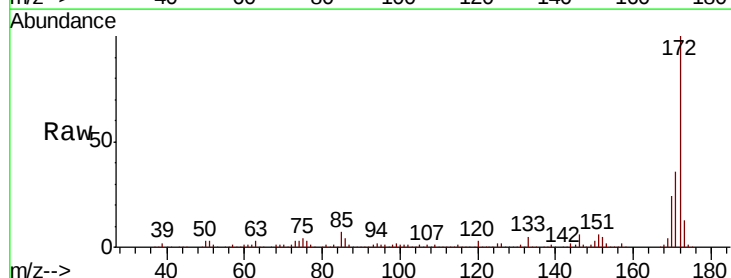
Tgt Ion:172 Resp: 697467

Ion Ratio Lower Upper

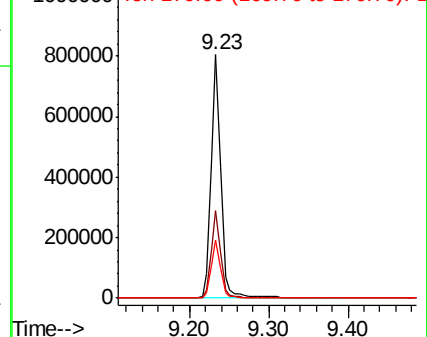
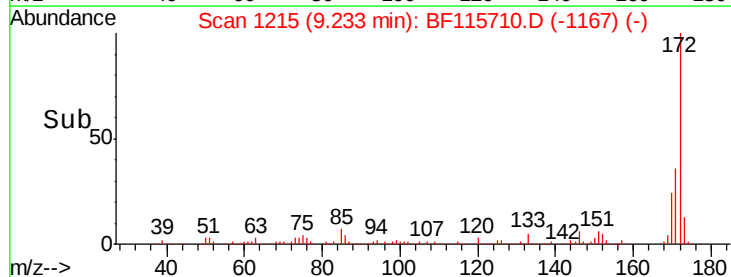
172 100

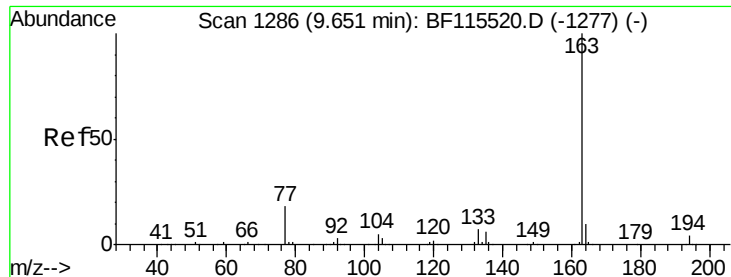
171 35.8 30.6 46.0

170 23.9 20.5 30.7



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

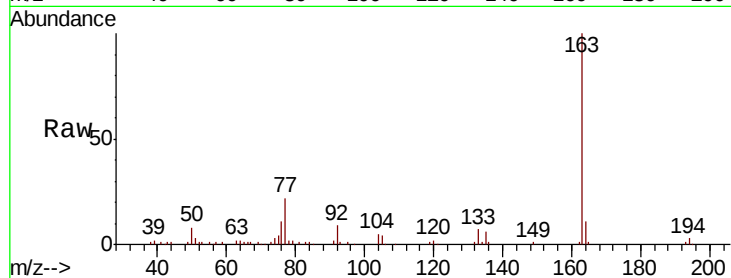




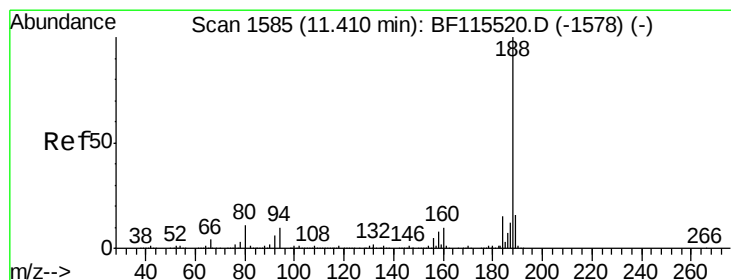
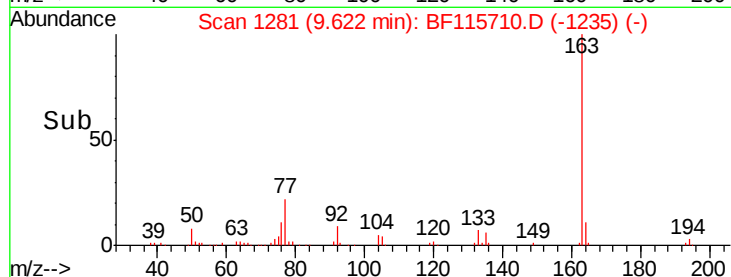
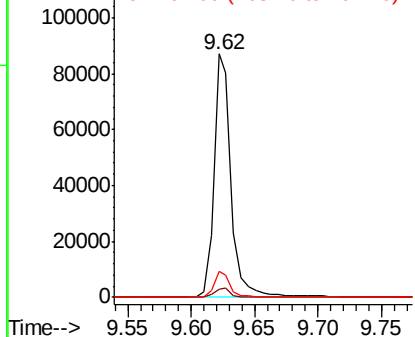
#50
Dimethylphthalate
Concen: 3.179 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115710.D
Acq: 22 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :
OK-02-071919

Tot Ion:163 Resp: 83250
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 10.6 8.7 13.1

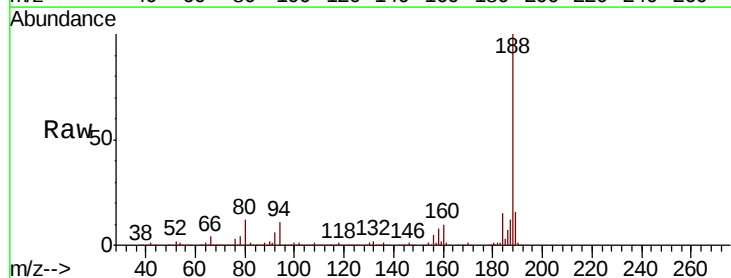


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

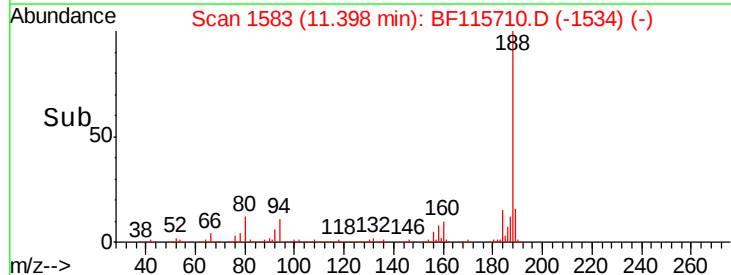
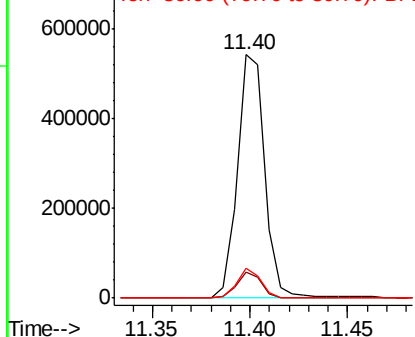


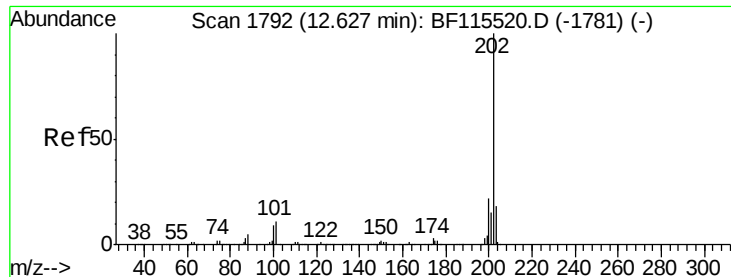
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115710.D
Acq: 22 Jul 2019 15:39

Tgt Ion:188 Resp: 524995
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 12.0 8.6 13.0



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





#75

Fluoranthene

Concen: 2.443 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

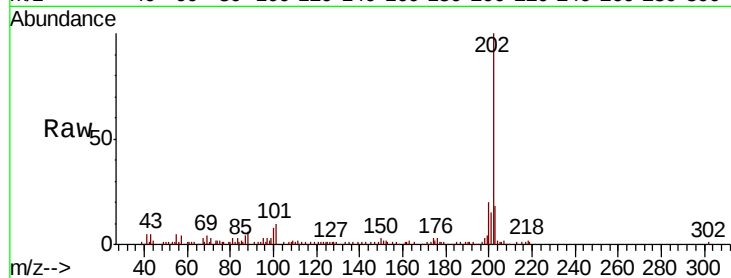
Tot Ion:202 Resp: 69459

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 17.8 0.0 38.1

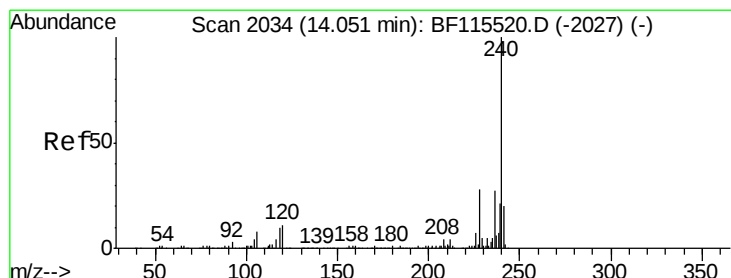
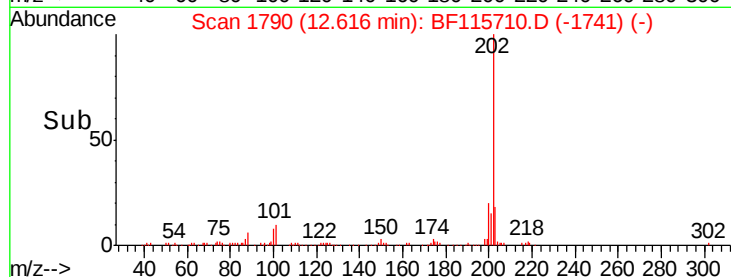
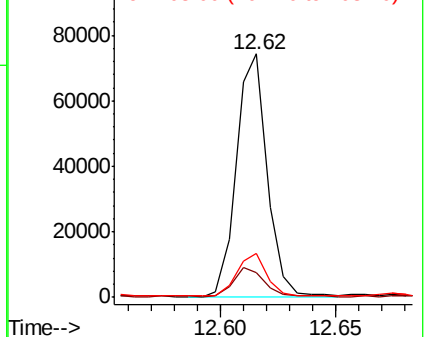


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

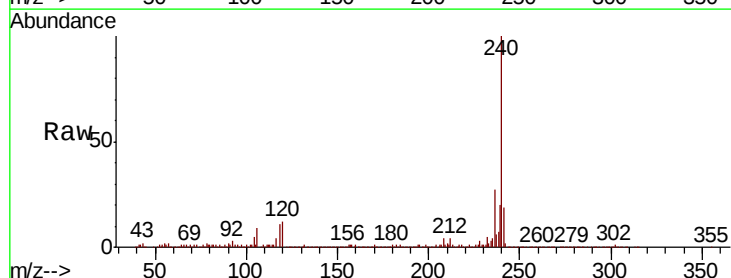
Tgt Ion:240 Resp: 396777

Ion Ratio Lower Upper

240 100

120 12.0 8.6 13.0

236 27.3 21.3 31.9

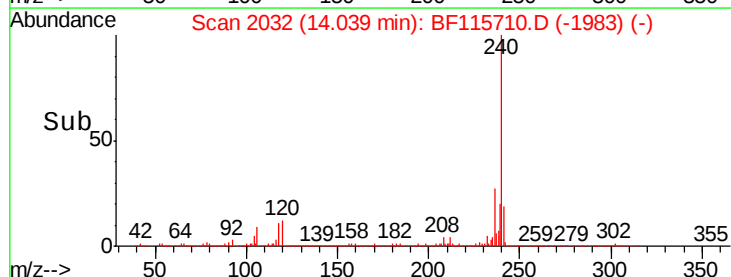
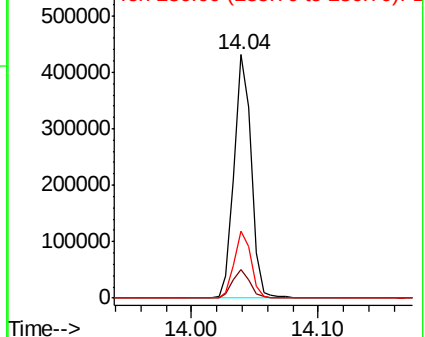


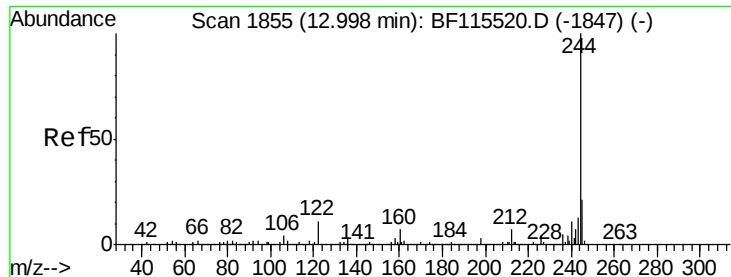
Abundance

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: 25.812 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

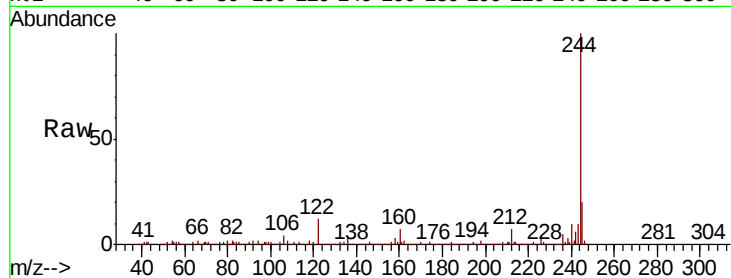
Tot Ion:244 Resp: 555046

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

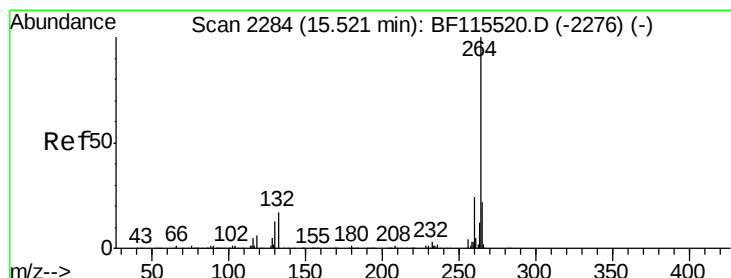
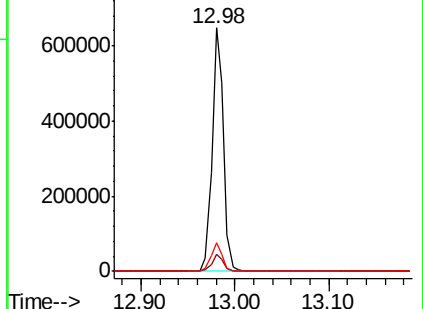
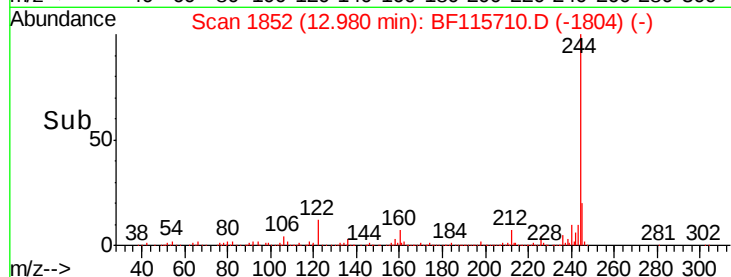
122 11.9 8.6 12.8



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: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF115710.D

Acq: 22 Jul 2019 15:39

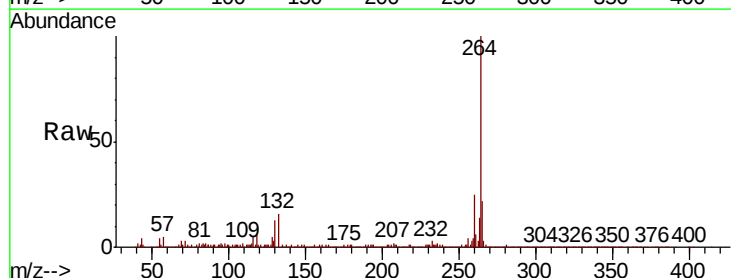
Tgt Ion:264 Resp: 477115

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 22.2 17.7 26.5



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

