

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100465.D
 Acq On : 12 Nov 2017 3:30
 Operator : SJ/JU
 Sample : I6369-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-S

Quant Time: Nov 13 05:10:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

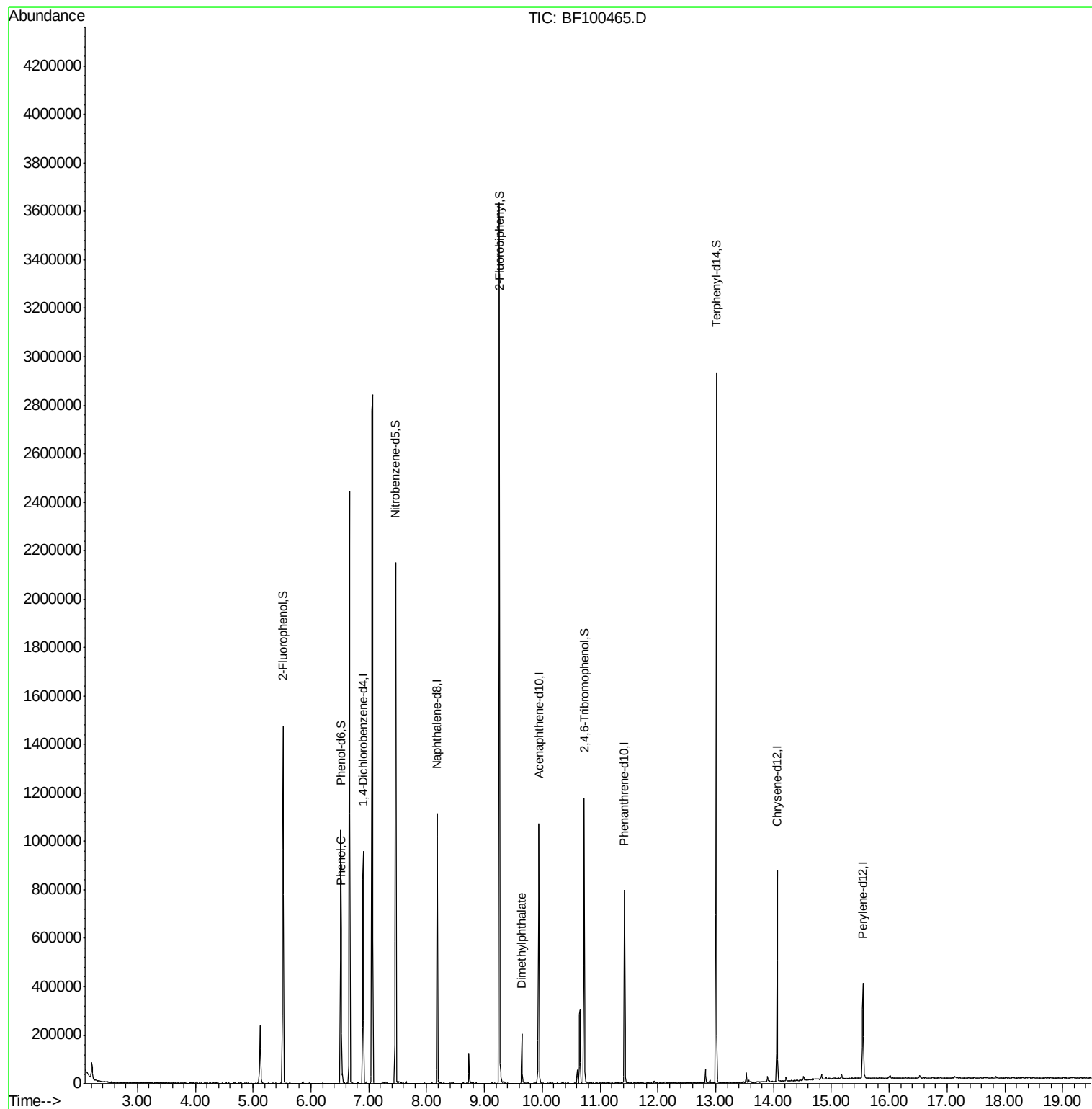
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	136331	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	506650	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	199276	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	303692	20.00	ng	0.00
75) Chrysene-d12	14.06	240	279874	20.00	ng	0.00
86) Perylene-d12	15.54	264	198330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	373895	43.96	ng	0.00
7) Phenol-d6	6.52	99	297515	28.37	ng	-0.01
23) Nitrobenzene-d5	7.46	82	787396	102.75	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	153413	75.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1320691	100.92	ng	0.00
78) Terphenyl-d14	13.01	244	926672	76.08	ng	0.00
Target Compounds						
10) Phenol	6.53	94	33964	3.085	ng	99
49) Dimethylphthalate	9.65	163	86621	5.693	ng	99

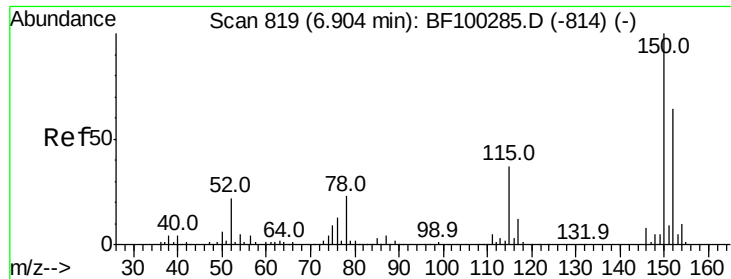
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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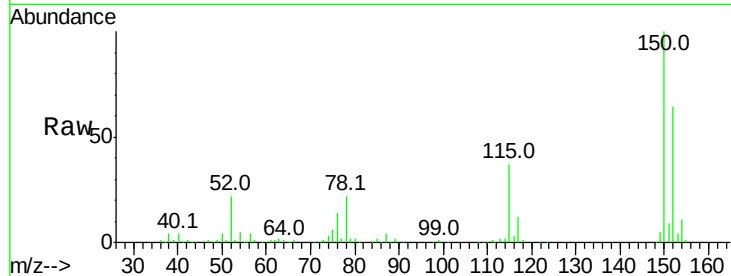


#1

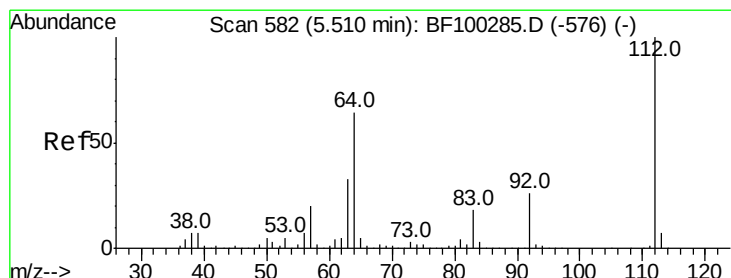
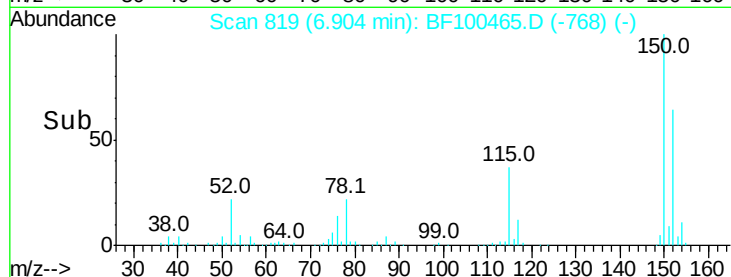
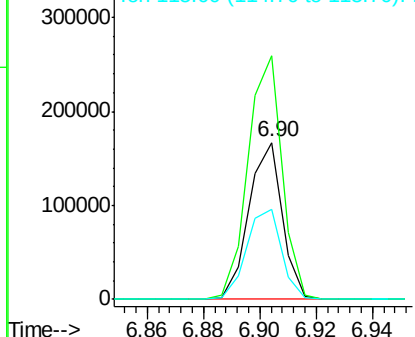
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-S

Tot Ion:152 Resp: 136331
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 57.4 50.1 75.1



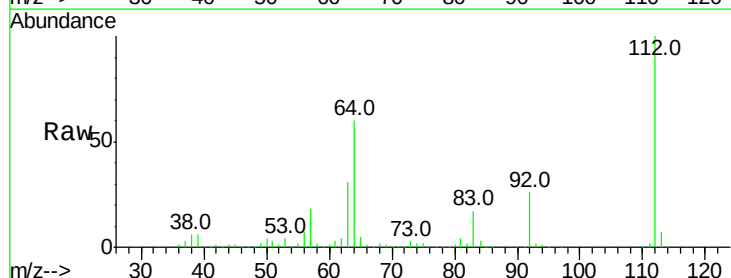
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



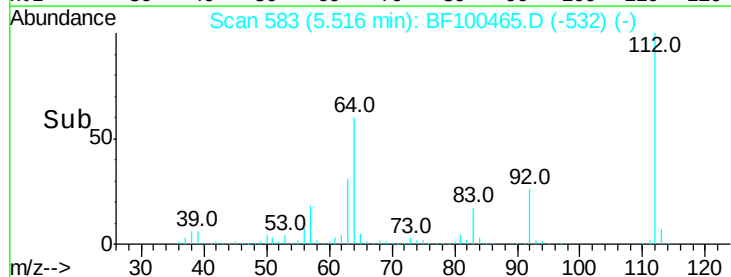
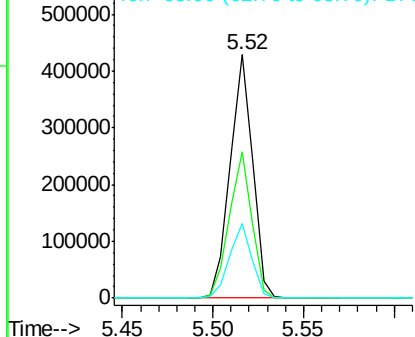
#5

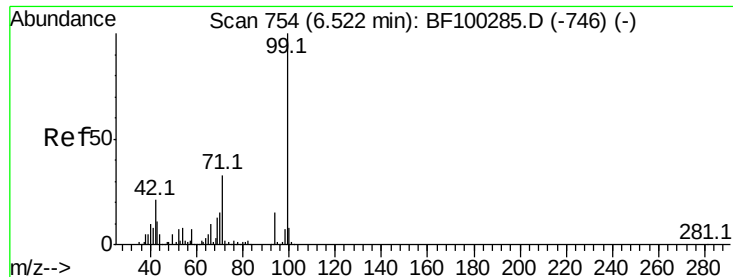
2-Fluorophenol
 Concen: 43.963 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

Tgt Ion:112 Resp: 373895
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 30.5 23.7 35.5



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: 28.368 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-S

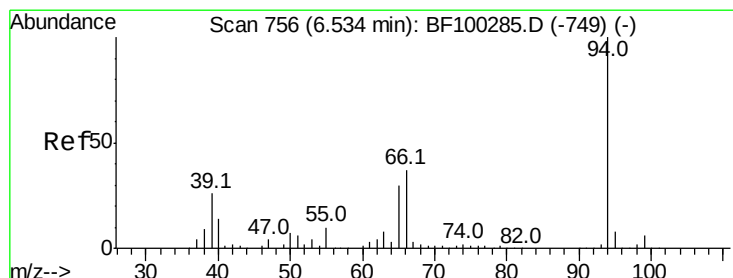
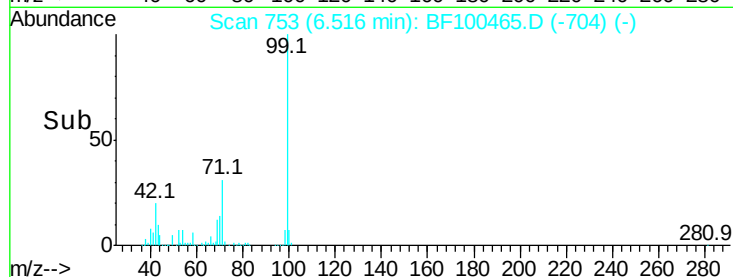
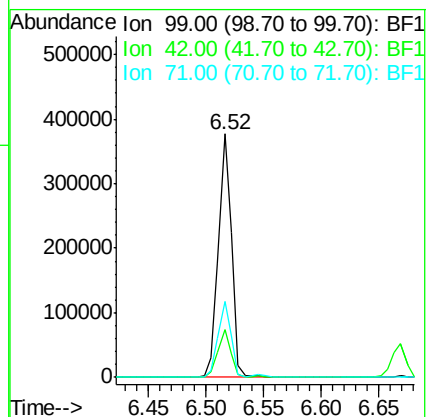
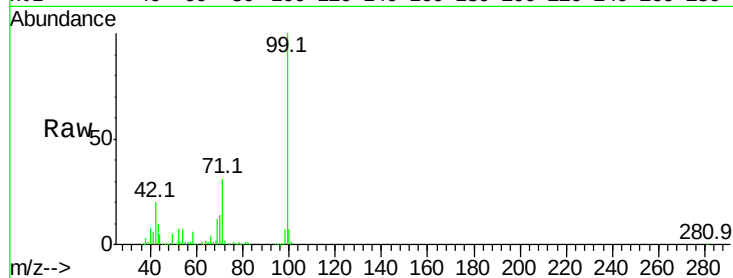
Tot Ion: 99 Resp: 297515

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 31.2 25.4 38.0



#10

Phenol

Concen: 3.085 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

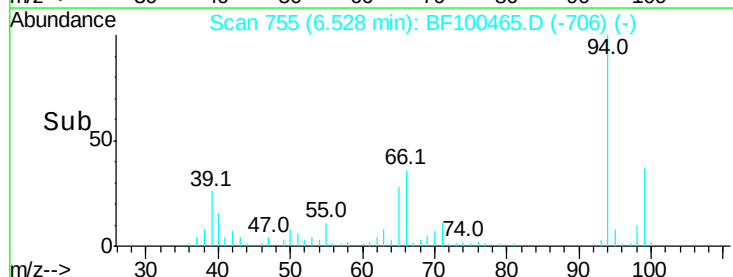
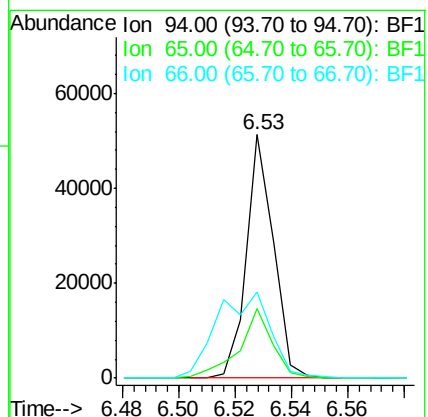
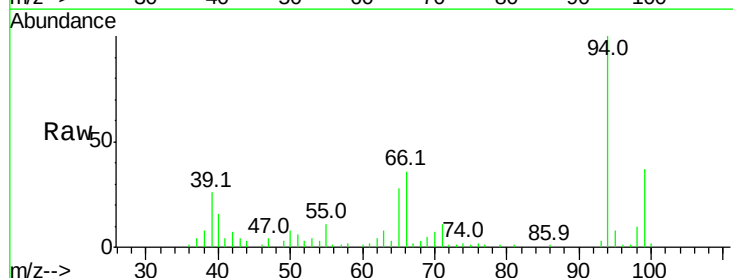
Tgt Ion: 94 Resp: 33964

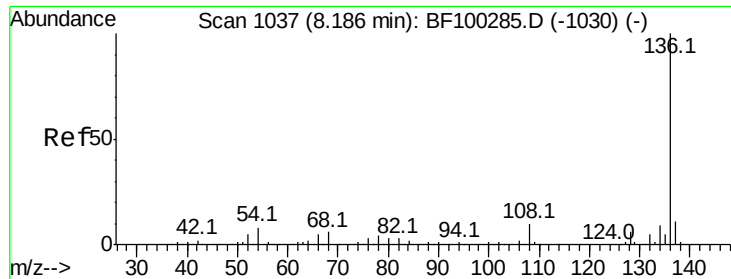
Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 35.5 16.2 56.2

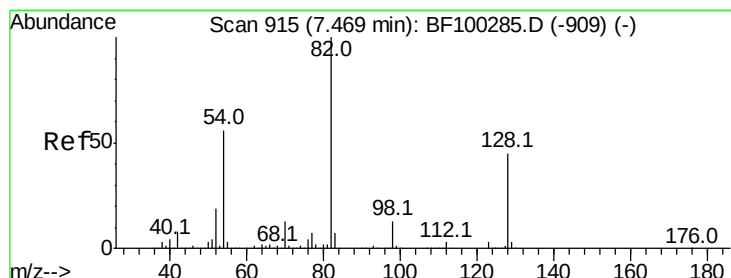
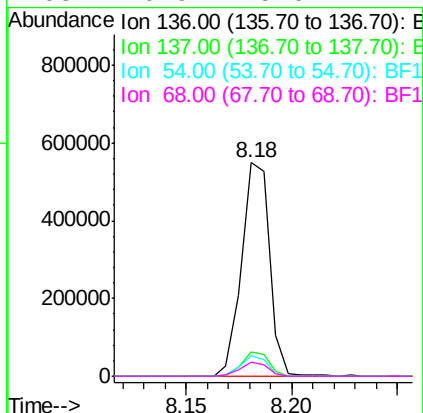
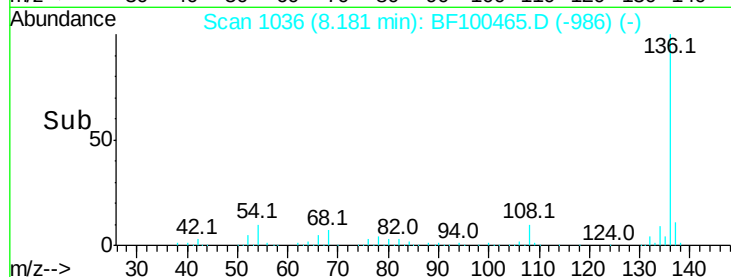
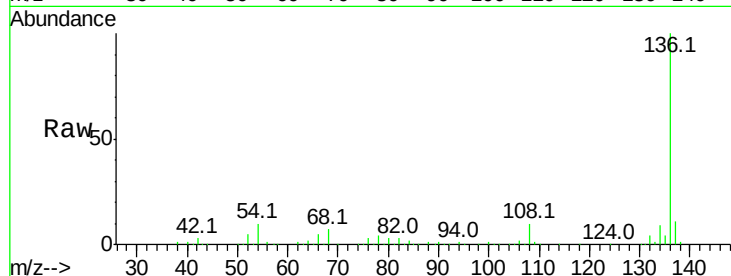




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

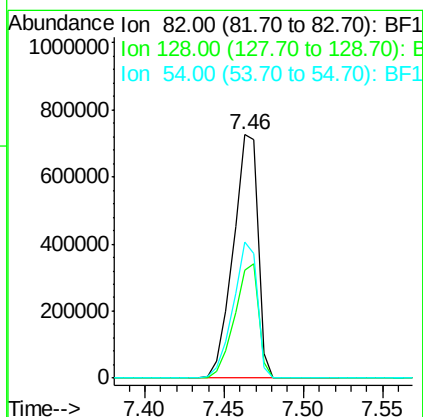
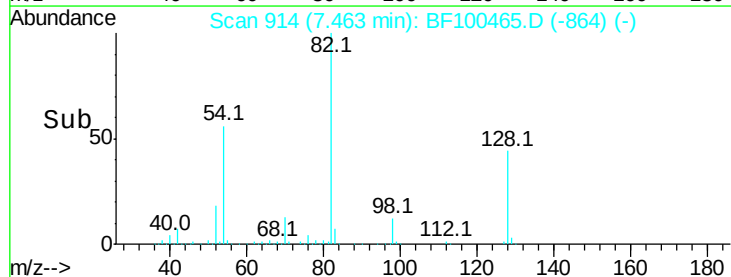
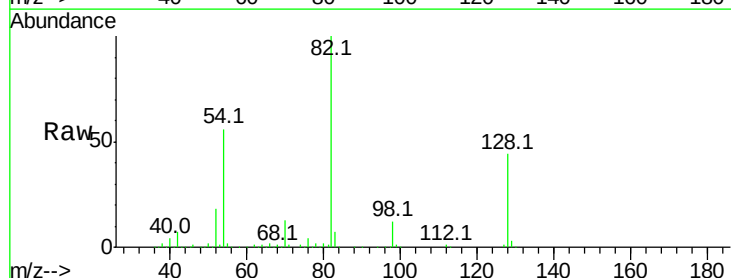
Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-U-S

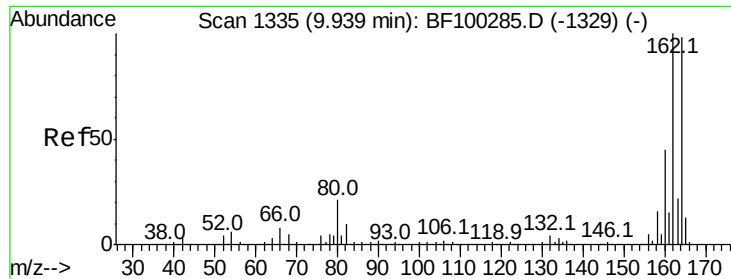
Tot Ion:136	Resp:	506650
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	9.7	6.6 9.8
68	6.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 102.748 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

Tgt Ion: 82	Resp:	787396
Ion Ratio	Lower	Upper
82	100	
128	44.1	36.1 54.1
54	55.8	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-S

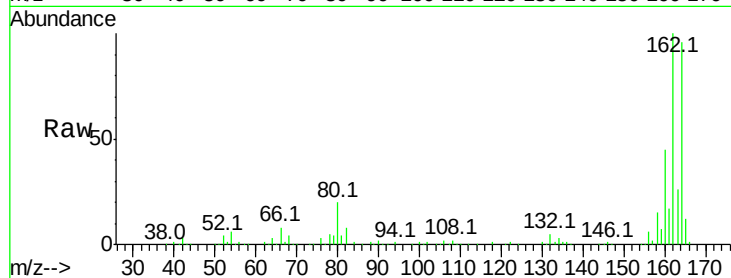
Tot Ion:164 Resp: 199276

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

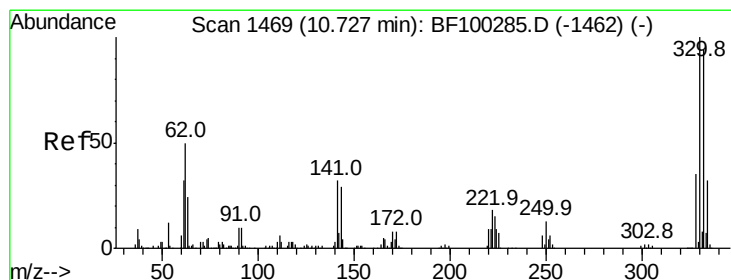
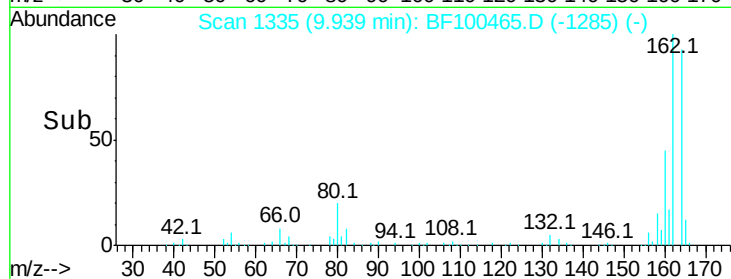
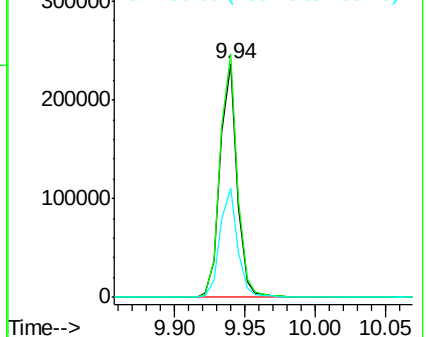
160 46.9 38.3 57.5



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: 75.550 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

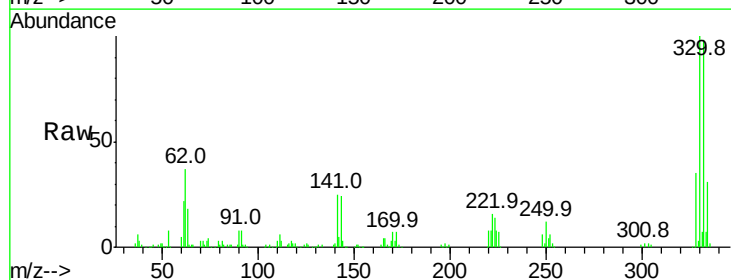
Tgt Ion:330 Resp: 153413

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

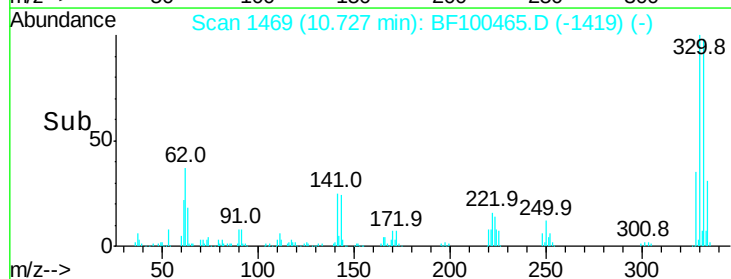
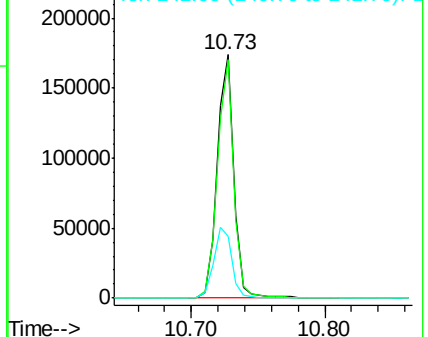
141 31.4 29.9 44.9

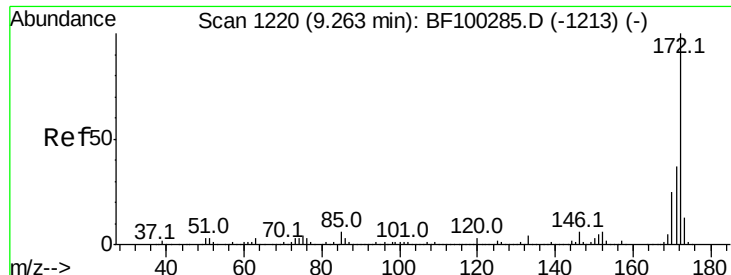


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

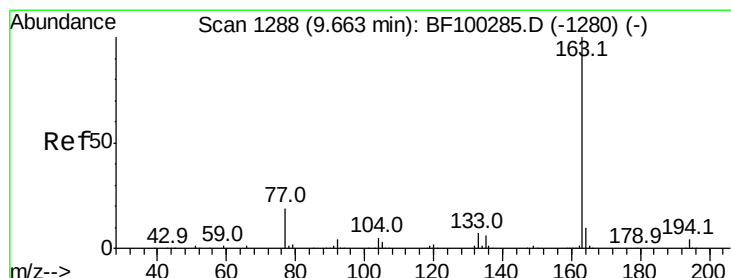
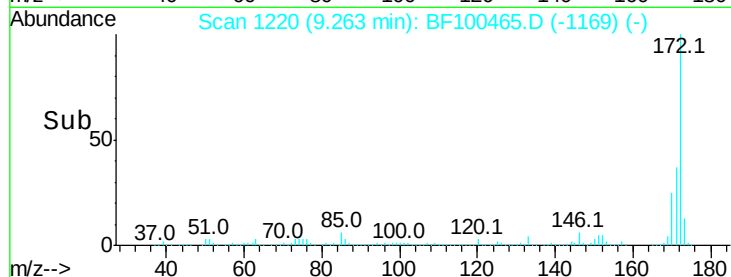
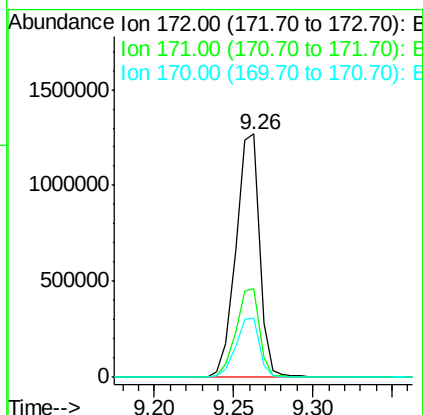
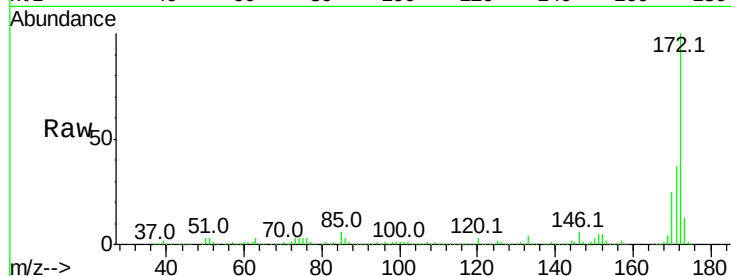




#44
2-Fluorobiphenyl
Concen: 100.917 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

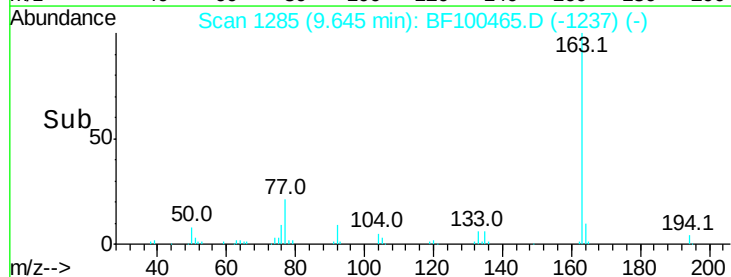
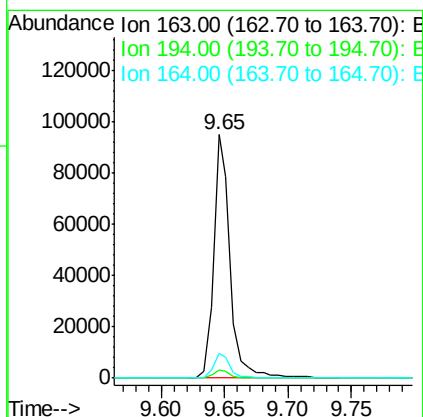
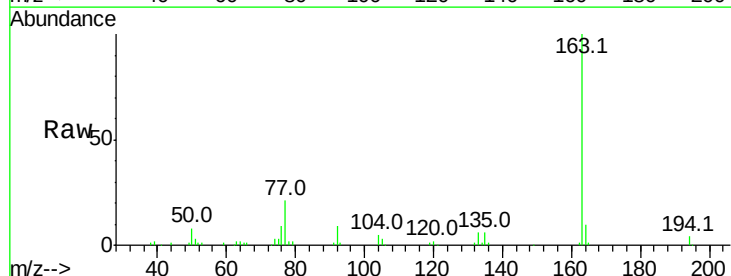
Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-U-S

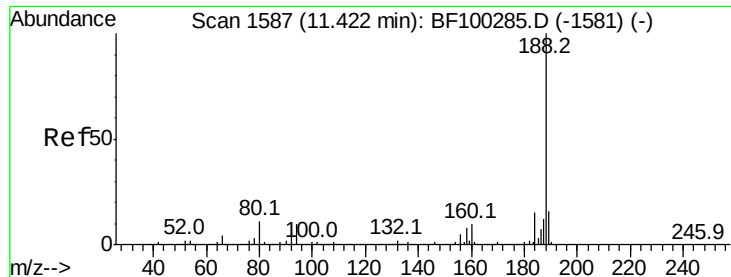
Tot Ion:172 Resp: 1320691
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 5.693 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

Tgt Ion:163 Resp: 86621
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-S

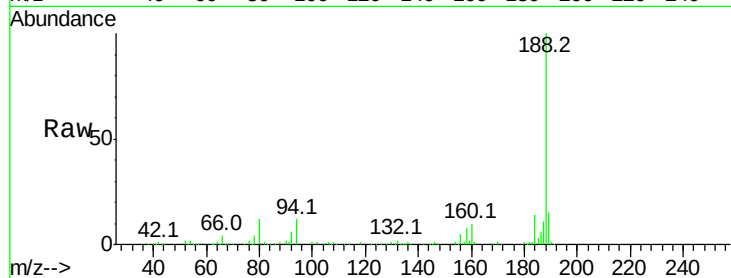
Tot Ion:188 Resp: 303692

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

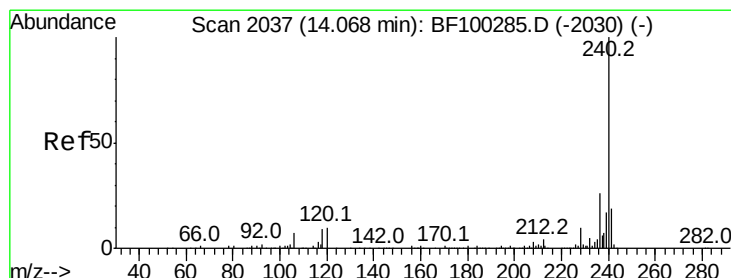
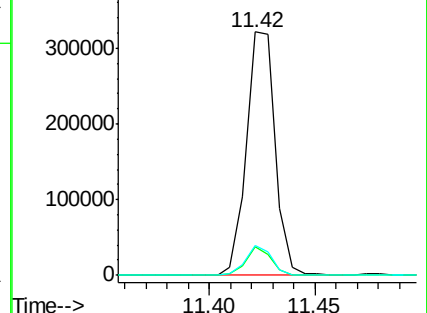
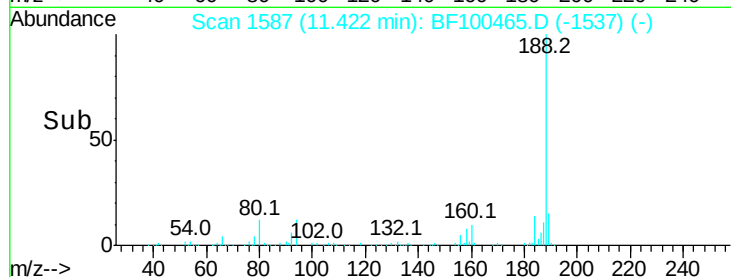
80 12.1 9.2 13.8



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

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

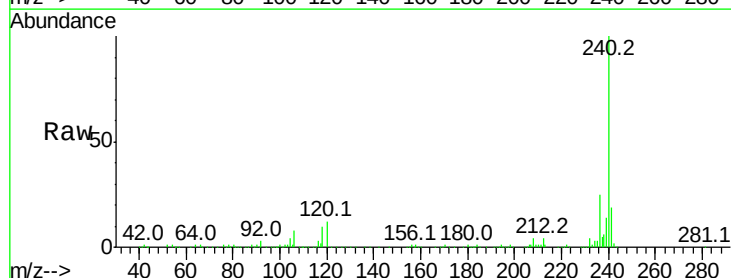
Tgt Ion:240 Resp: 279874

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

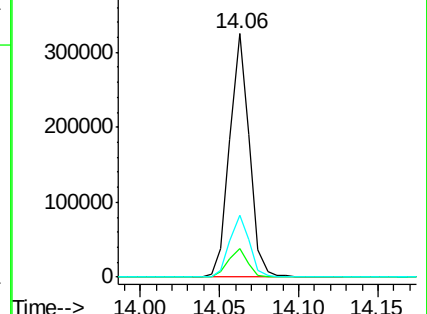
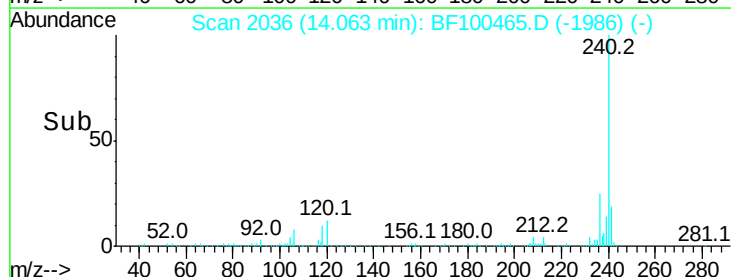
236 25.4 20.7 31.1

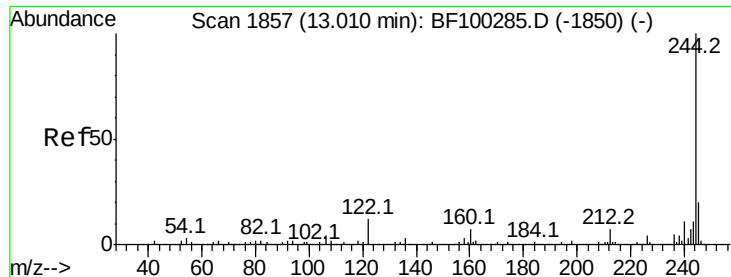


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.078 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

Instrument :

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ClientSampleId :

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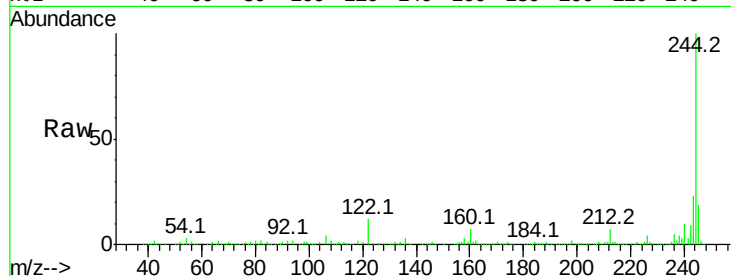
Tot Ion:244 Resp: 926672

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

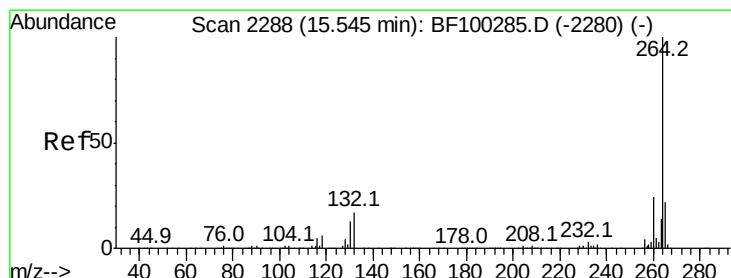
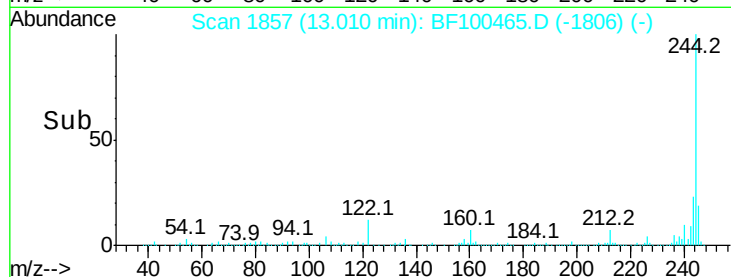
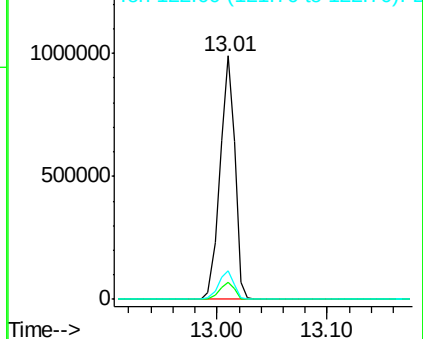
122 11.6 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

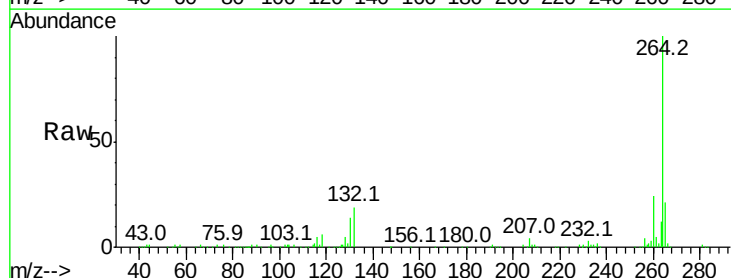
Tgt Ion:264 Resp: 198330

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 17.5 26.3



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

