

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099377.D
 Acq On : 12 Oct 2017 7:15
 Operator : SJ/JU
 Sample : I5710-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-42(3-3.5)

Quant Time: Oct 12 07:44:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

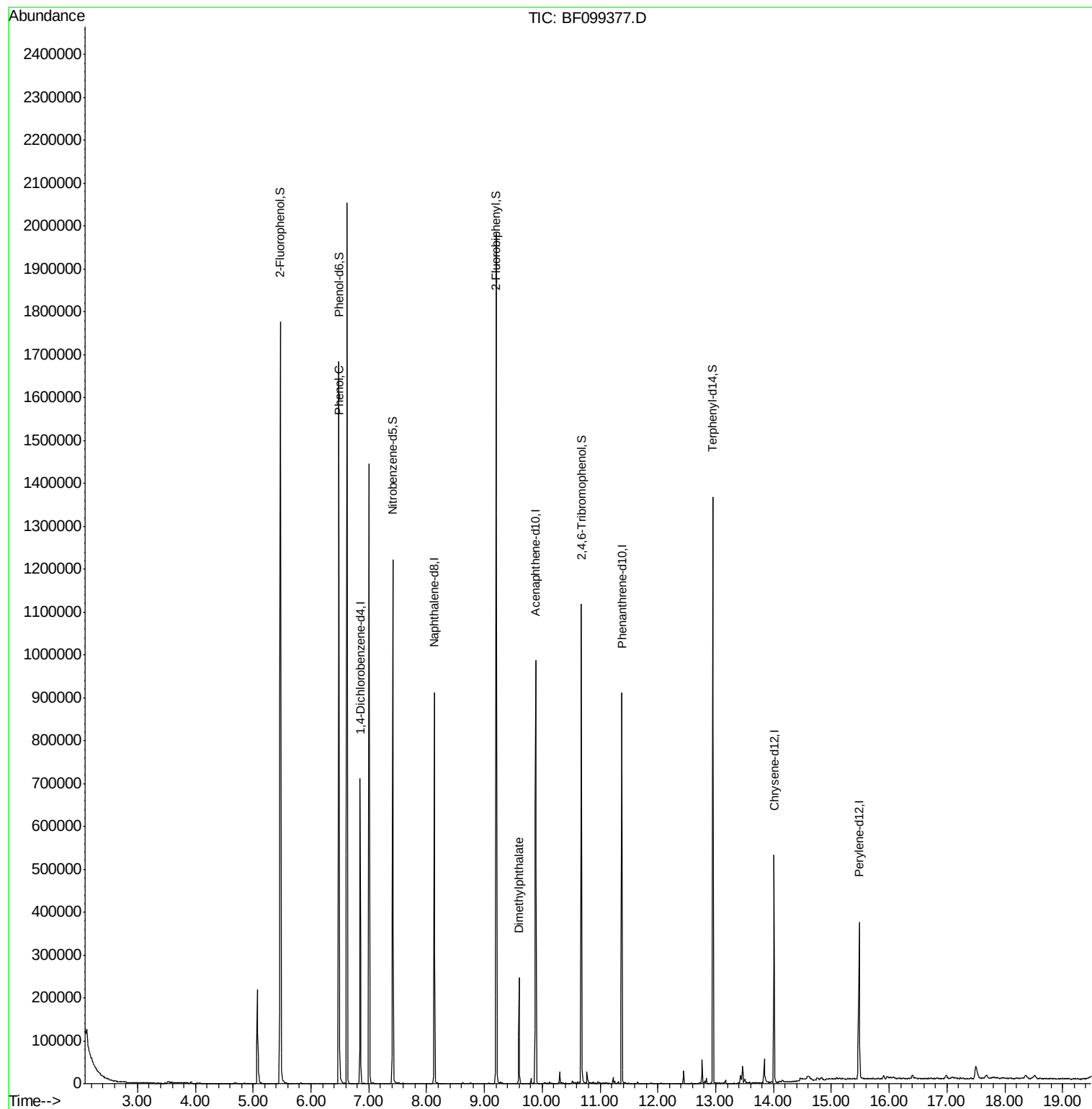
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101571	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	414741	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185358	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	309080	20.00	ng	0.00
75) Chrysene-d12	14.01	240	159238	20.00	ng	0.00
86) Perylene-d12	15.48	264	165120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	542027	84.95	ng	0.00
7) Phenol-d6	6.48	99	652518	82.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	385051	59.54	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	124967	82.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	592381	53.35	ng	0.00
78) Terphenyl-d14	12.95	244	398382	56.90	ng	0.00
Target Compounds						
10) Phenol	6.49	94	19573	2.223	ng	89
49) Dimethylphthalate	9.60	163	91724	6.556	ng	100

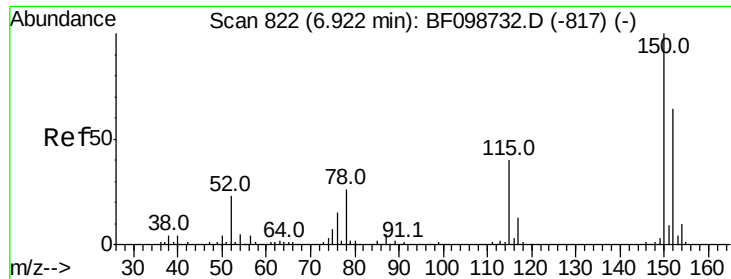
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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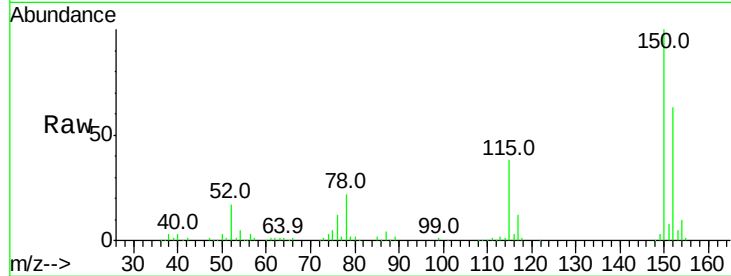


#1

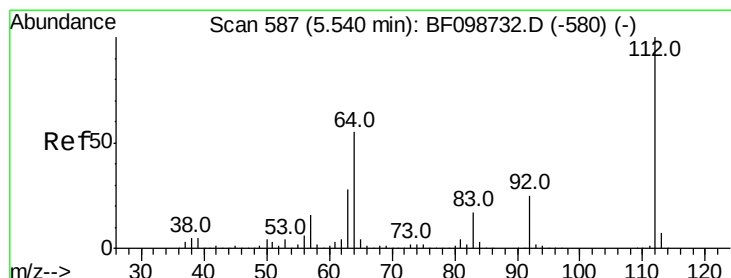
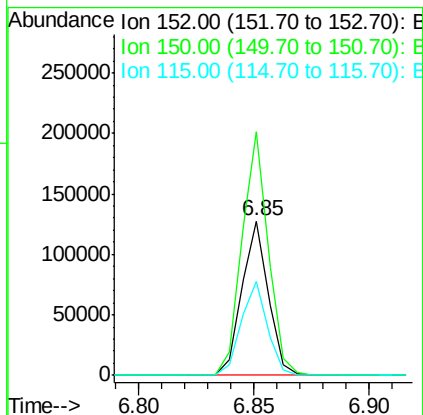
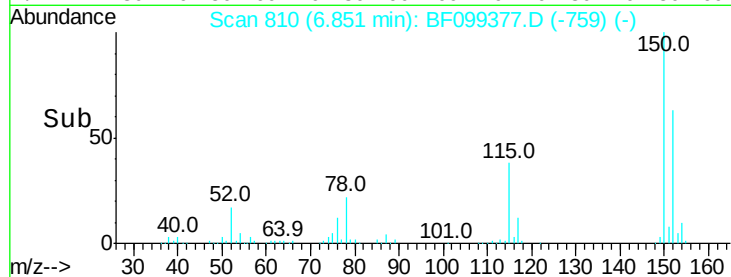
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099377.D
 Acq: 12 Oct 2017 7:15

Instrument :
 BNA_F
 ClientSampleId :
 B-42(3-3.5)

Tot Ion:152 Resp: 101571
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 60.6 50.1 75.1



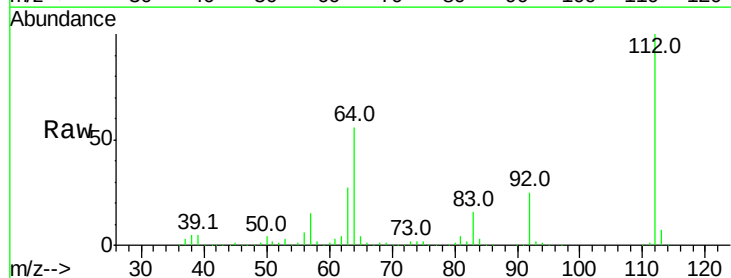
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



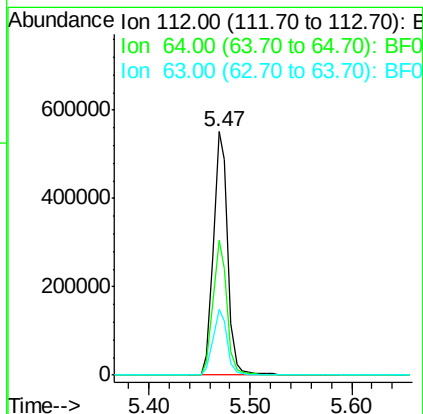
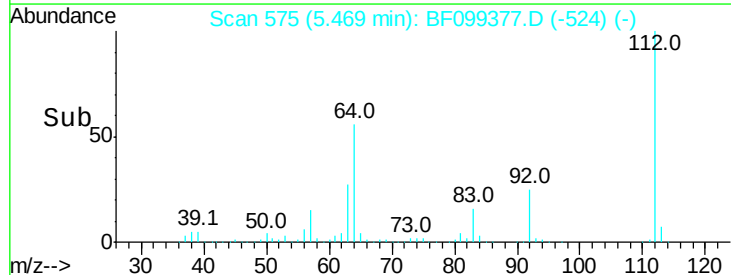
#5

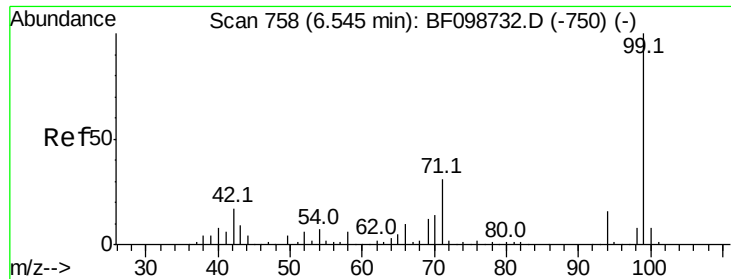
2-Fluorophenol
 Concen: 84.951 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF099377.D
 Acq: 12 Oct 2017 7:15

Tgt Ion:112 Resp: 542027
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.901 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099377.D

Acq: 12 Oct 2017 7:15

Instrument :

BNA_F

ClientSampleId :

B-42(3-3.5)

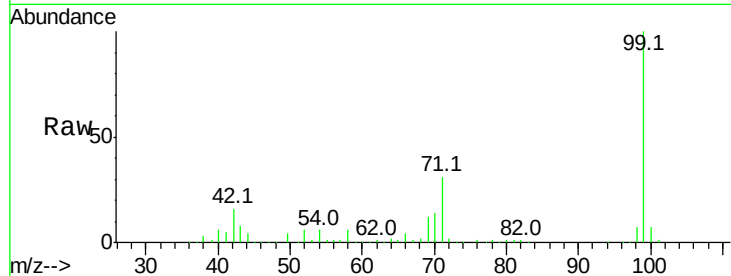
Tot Ion: 99 Resp: 652518

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

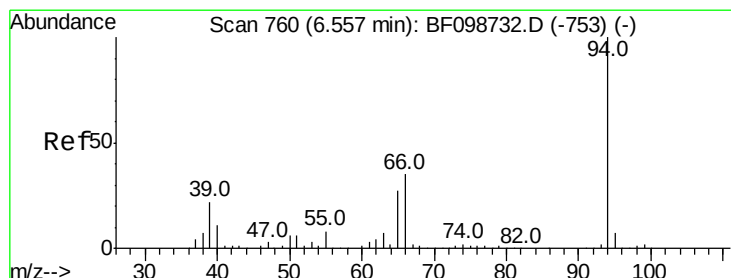
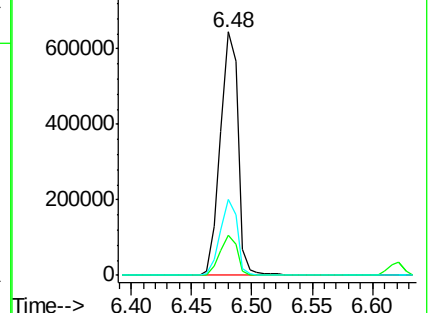
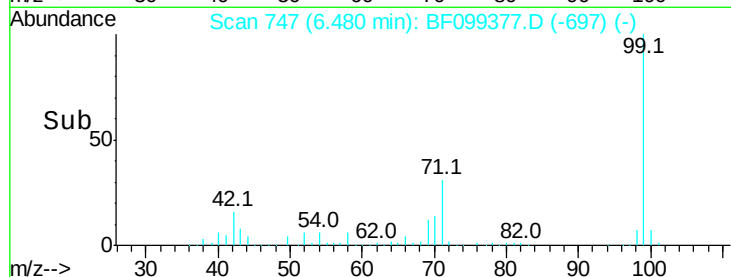
71 31.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.223 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099377.D

Acq: 12 Oct 2017 7:15

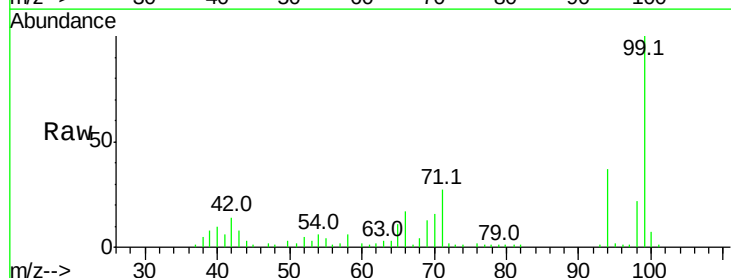
Tgt Ion: 94 Resp: 19573

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

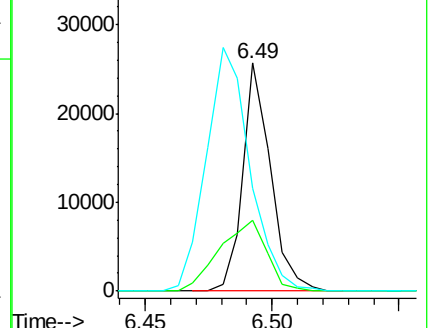
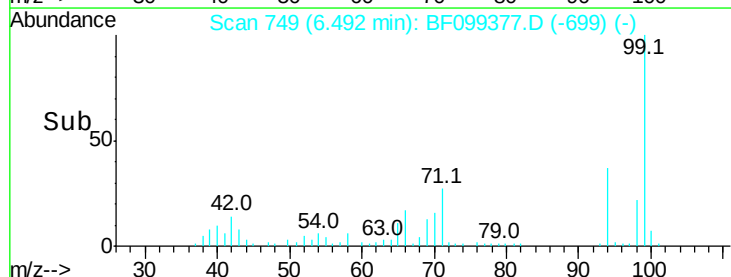
66 44.9 16.2 56.2

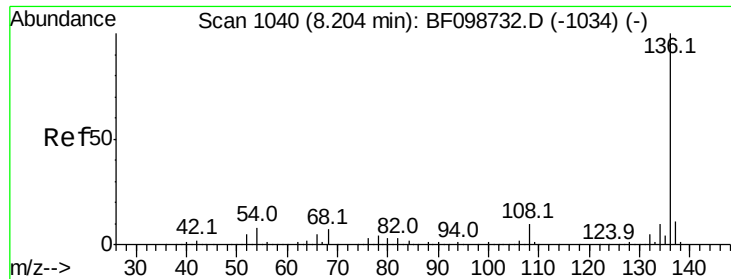


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

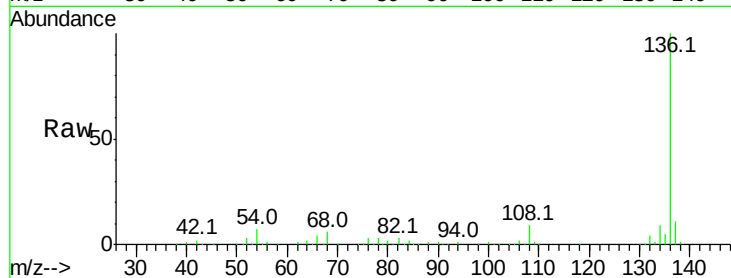




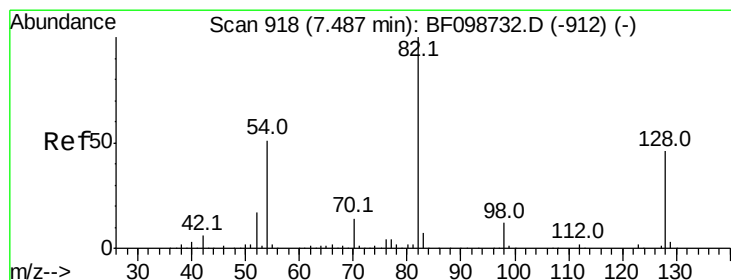
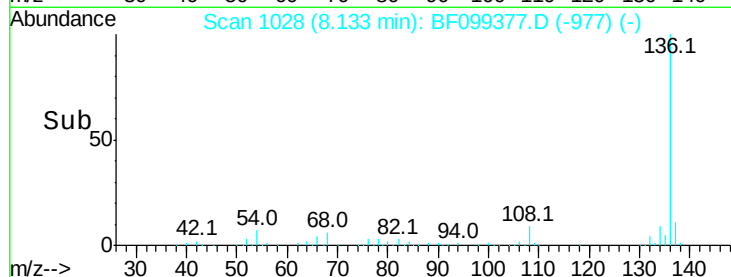
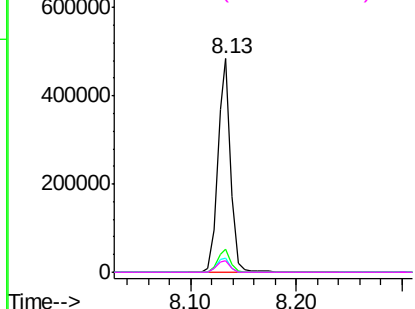
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099377.D
Acq: 12 Oct 2017 7:15

Instrument :
BNA_F
ClientSampleId :
B-42(3-3.5)

Tot Ion:	136	Resp:	414741
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4

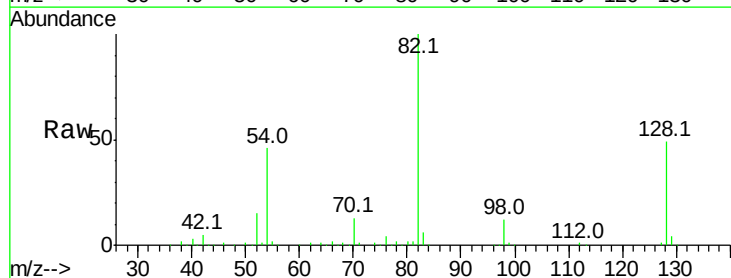


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

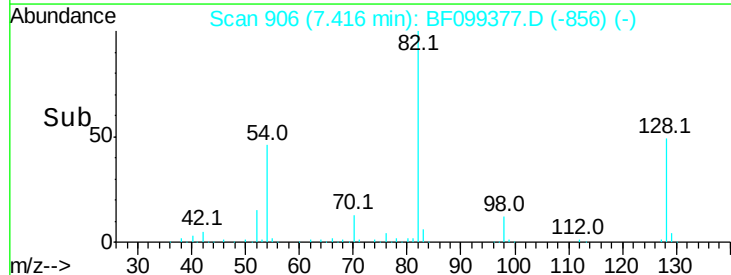
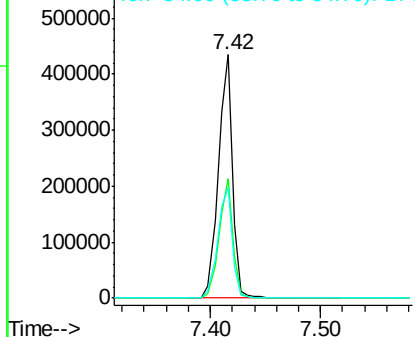


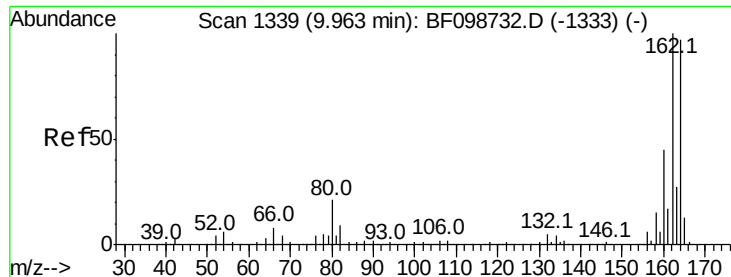
#23
Nitrobenzene-d5
Concen: 59.539 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099377.D
Acq: 12 Oct 2017 7:15

Tgt Ion:	82	Resp:	385051
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	45.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

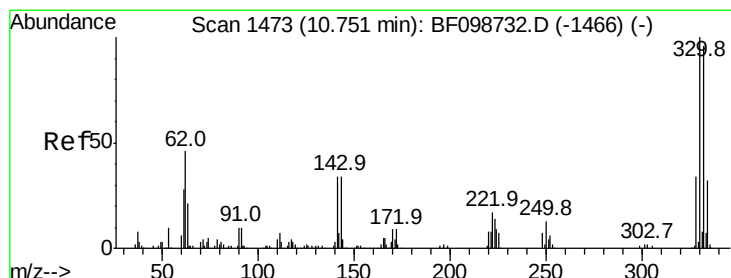
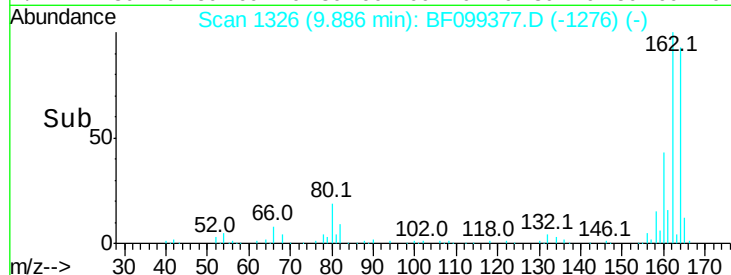
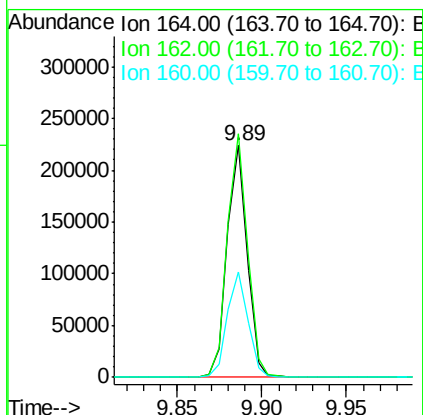
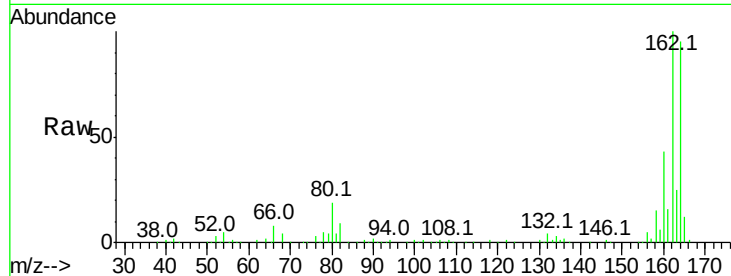




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099377.D
Acq: 12 Oct 2017 7:15

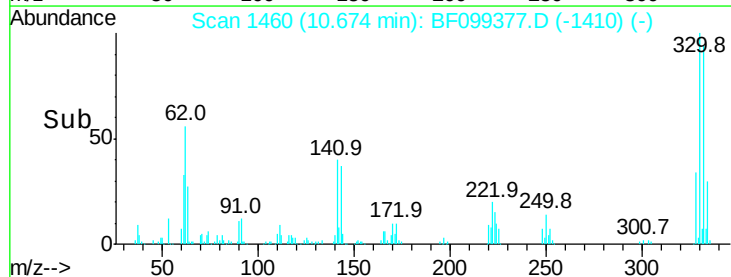
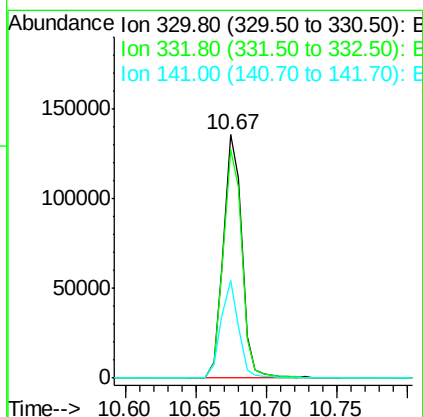
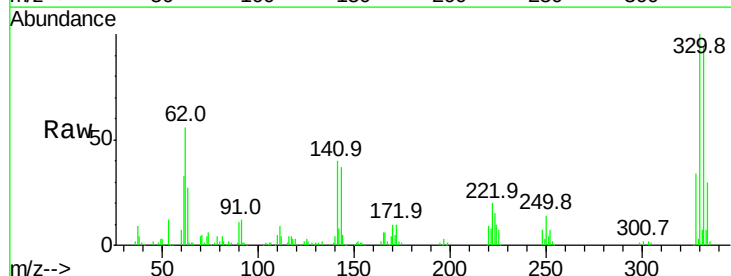
Instrument :
BNA_F
ClientSampleId :
B-42(3-3.5)

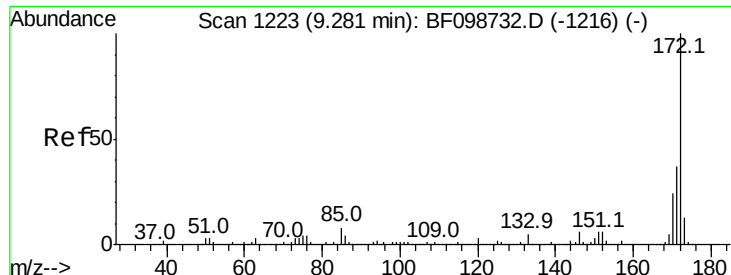
Tot Ion:164 Resp: 185358
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 82.392 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099377.D
Acq: 12 Oct 2017 7:15

Tgt Ion:330 Resp: 124967
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 38.1 29.9 44.9

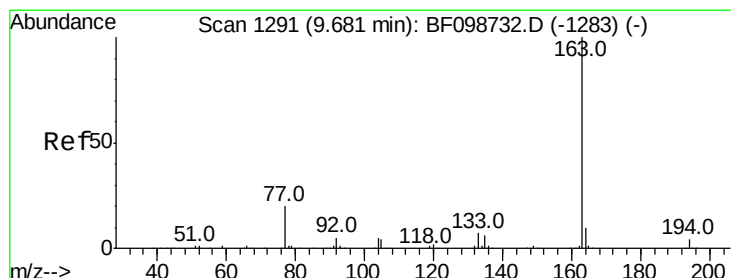
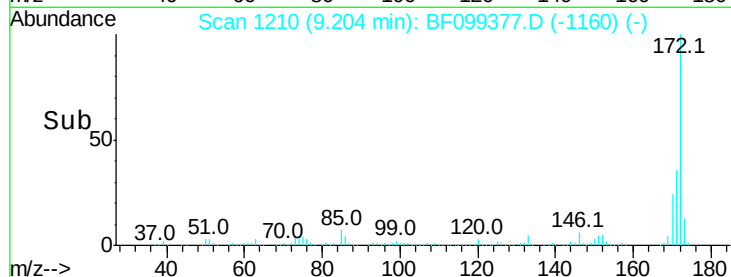
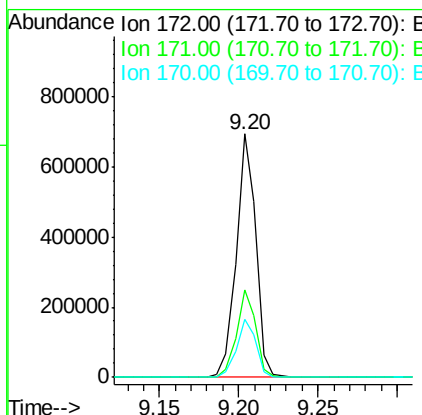
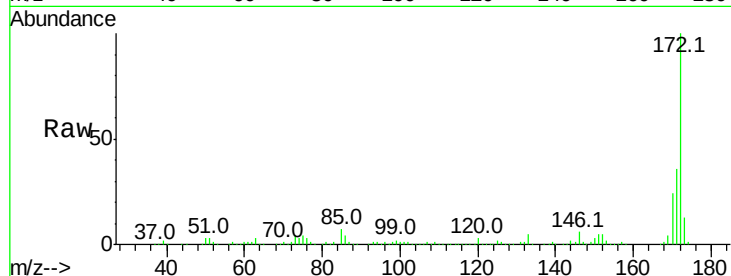




#44
 2-Fluorobiphenyl
 Concen: 53.352 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099377.D
 Acq: 12 Oct 2017 7:15

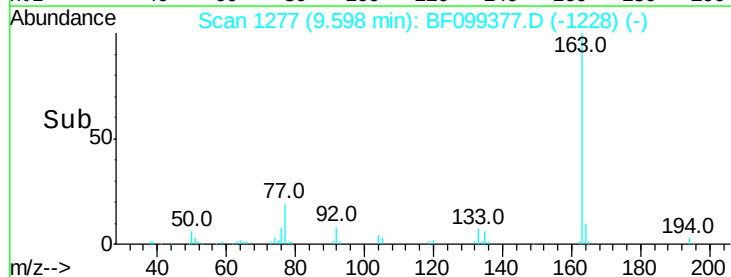
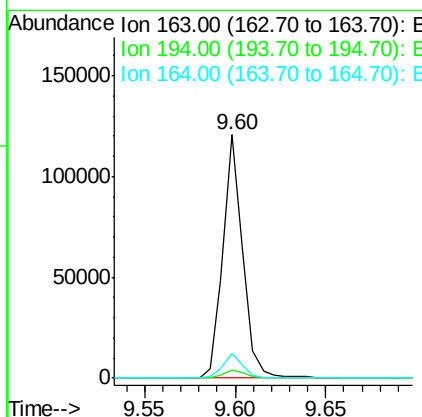
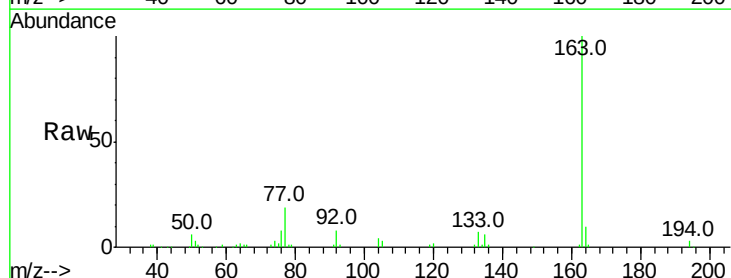
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 B-42(3-3.5)

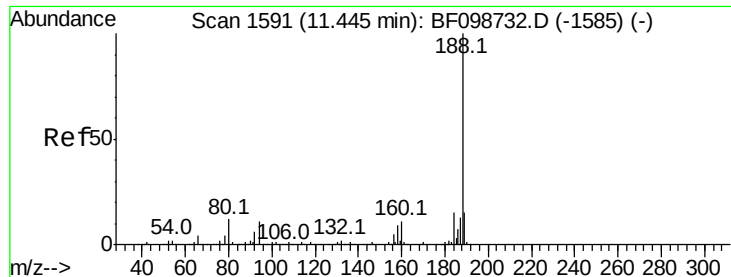
Tot Ion:172 Resp: 592381
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.0 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.556 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099377.D
 Acq: 12 Oct 2017 7:15

Tgt Ion:163 Resp: 91724
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.3 8.2 12.2

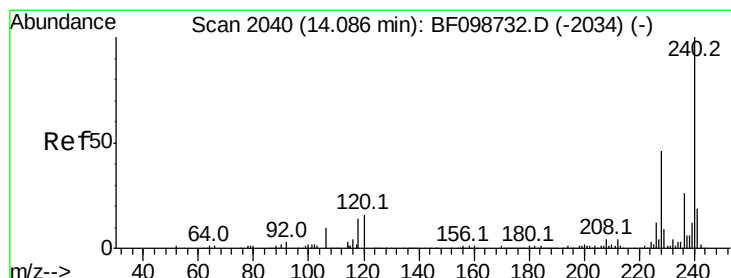
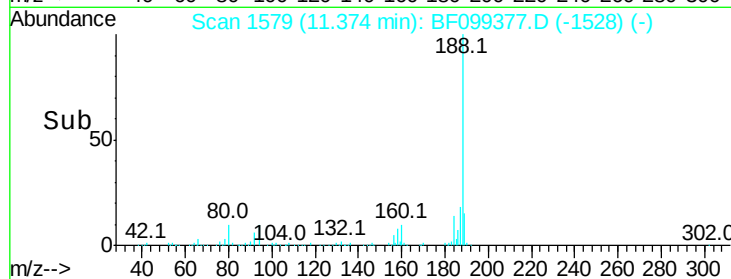
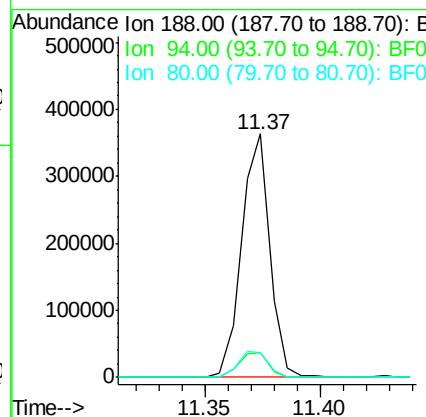
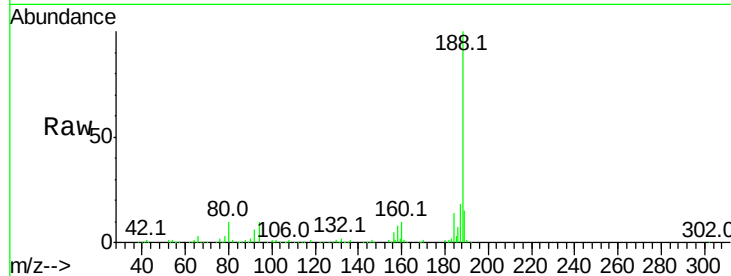




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099377.D
Acq: 12 Oct 2017 7:15

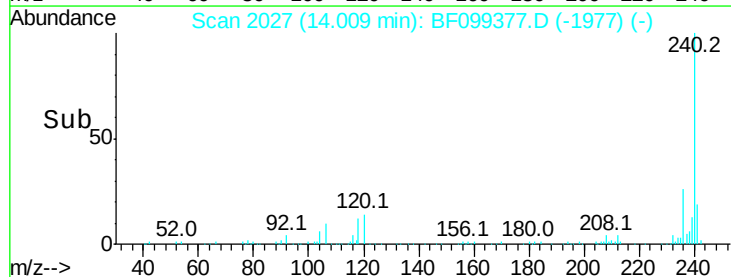
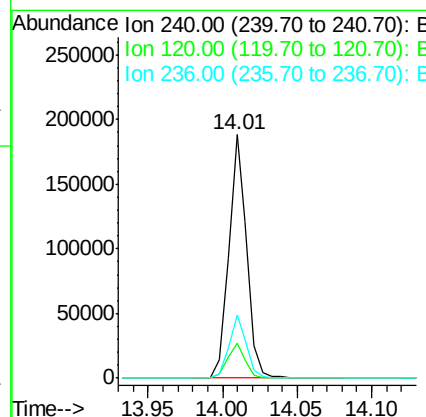
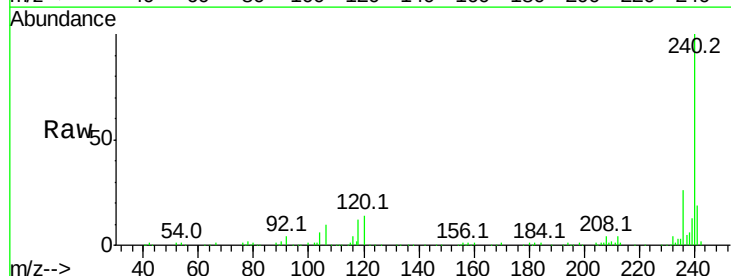
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B-42(3-3.5)

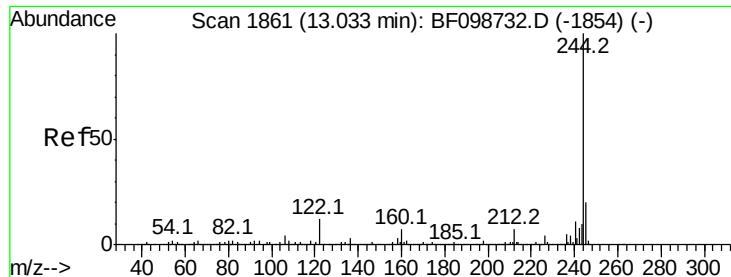
Tot Ion:188 Resp: 309080
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099377.D
Acq: 12 Oct 2017 7:15

Tgt Ion:240 Resp: 159238
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 56.896 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099377.D

Acq: 12 Oct 2017 7:15

Instrument :

BNA_F

ClientSampleId :

B-42(3-3.5)

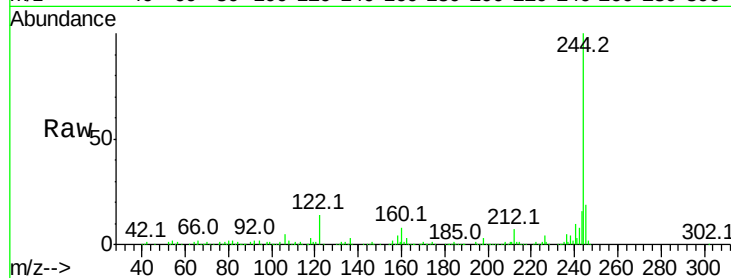
Tot Ion:244 Resp: 398382

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

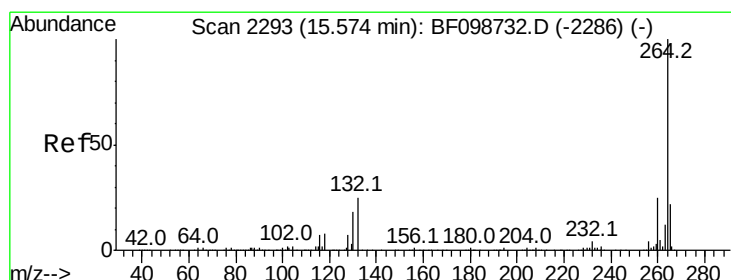
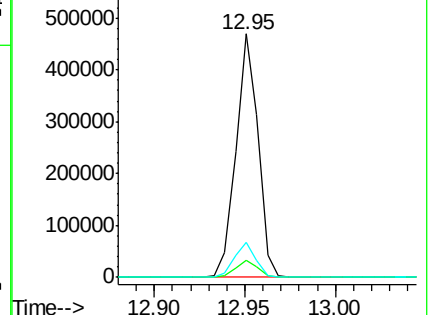
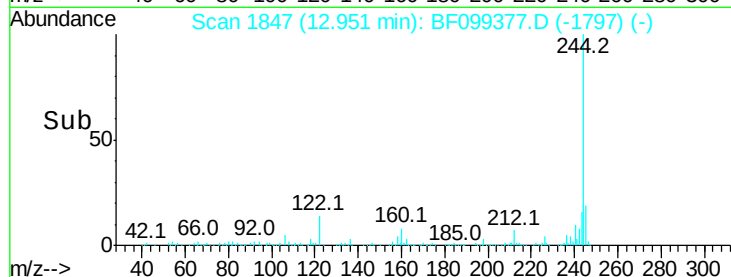
122 14.3 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099377.D

Acq: 12 Oct 2017 7:15

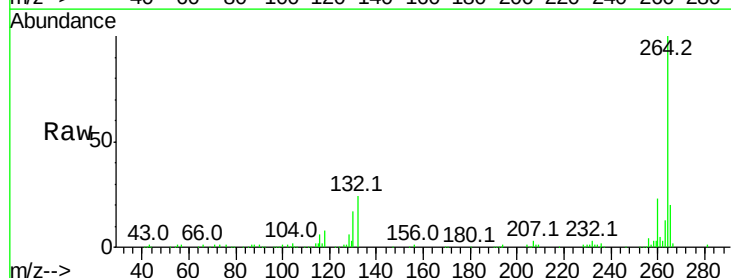
Tgt Ion:264 Resp: 165120

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.3 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

