

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098975.D
 Acq On : 30 Sep 2017 21:02
 Operator : SJ/JU
 Sample : I5551-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-A

Quant Time: Oct 01 01:16:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

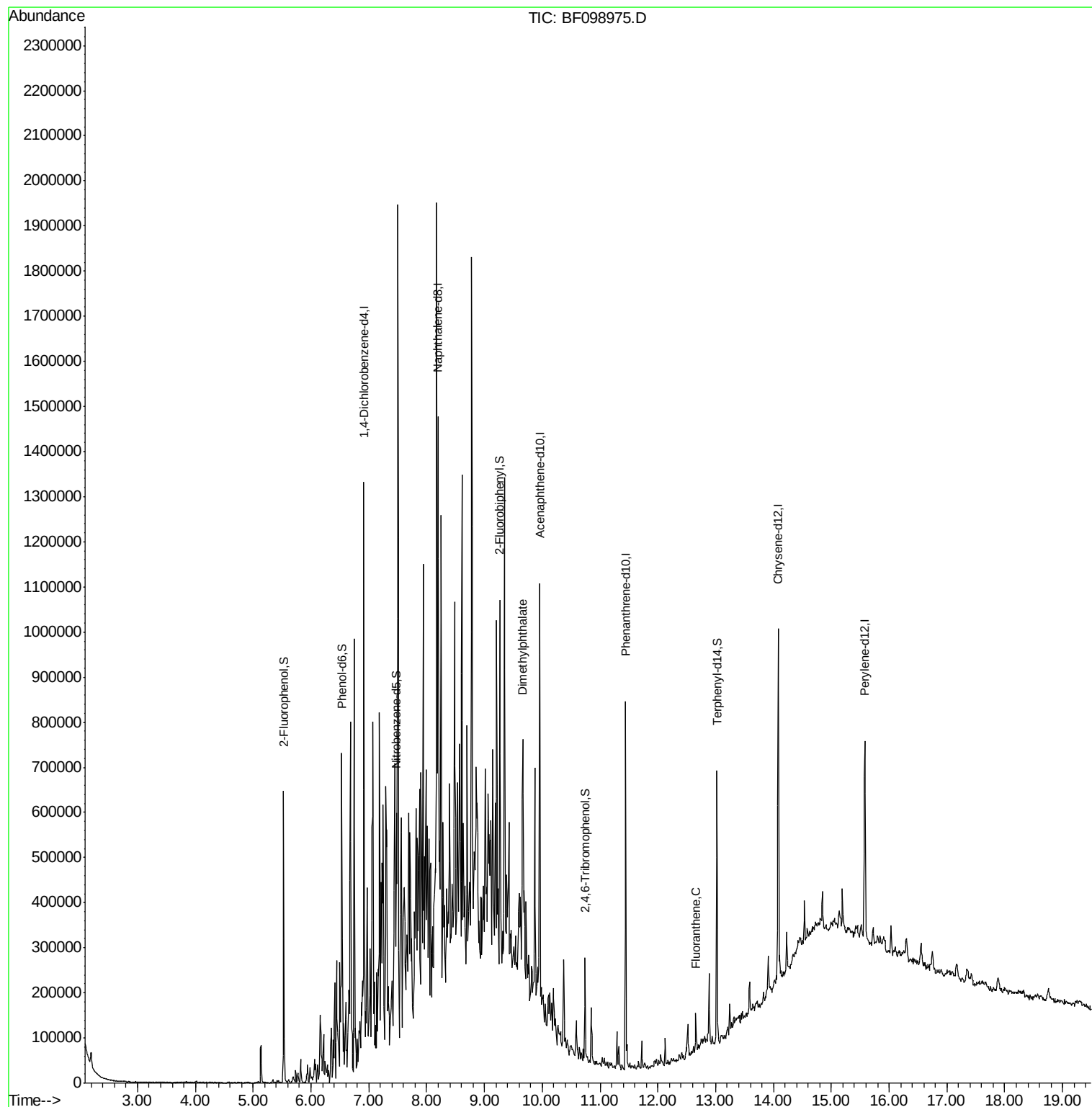
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126797	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	477192	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	182008	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	273549	20.00	ng	0.00
75) Chrysene-d12	14.08	240	250863	20.00	ng	0.00
86) Perylene-d12	15.58	264	172280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	170012	21.34	ng	-0.01
7) Phenol-d6	6.53	99	206229	20.99	ng	-0.01
23) Nitrobenzene-d5	7.47	82	115678	15.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	22215	14.92	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	220276	20.20	ng	-0.01
78) Terphenyl-d14	13.02	244	158264	14.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	30569	2.225	ng	Qvalue # 96
74) Fluoranthene	12.66	202	31709	2.139	ng	97

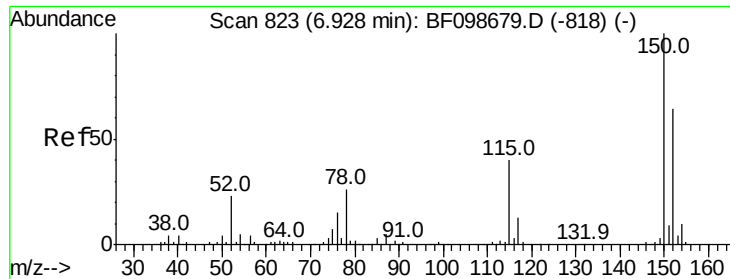
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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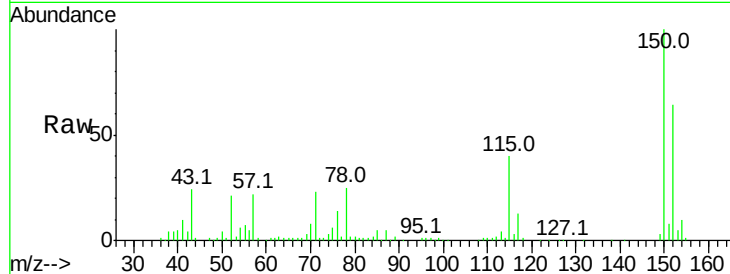


#1

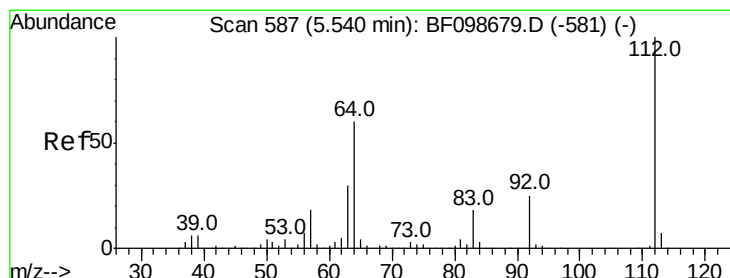
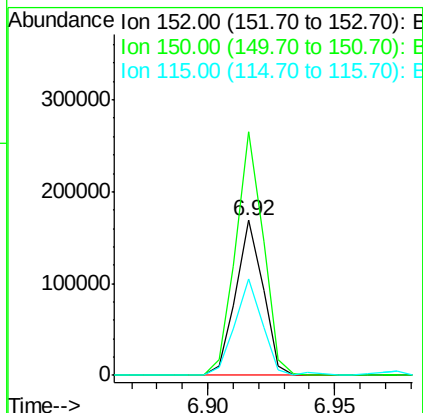
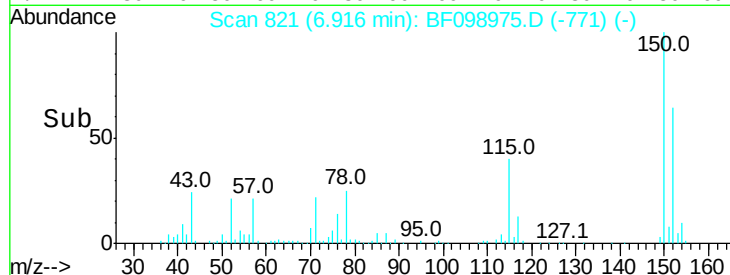
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098975.D
 Acq: 30 Sep 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-A

Tot Ion:152 Resp: 126797
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 62.4 50.1 75.1



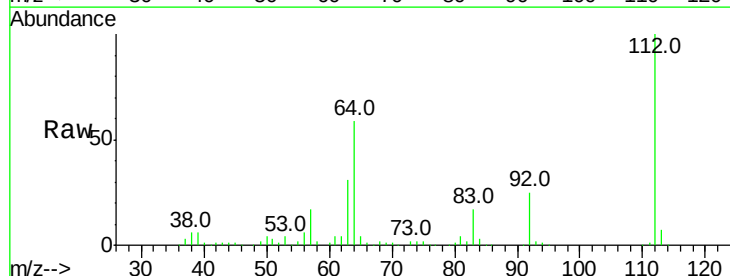
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



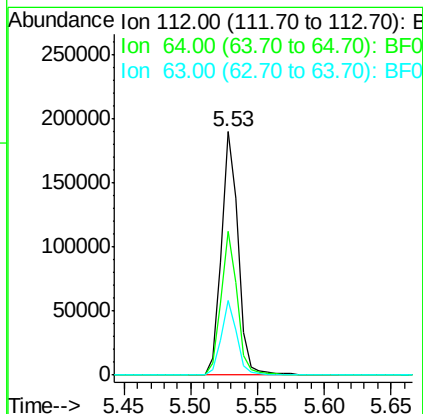
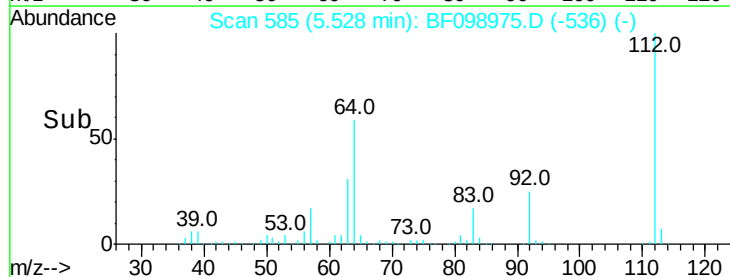
#5

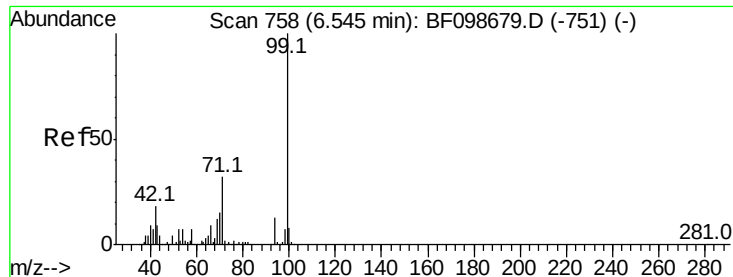
2-Fluorophenol
 Concen: 21.345 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098975.D
 Acq: 30 Sep 2017 21:02

Tgt Ion:112 Resp: 170012
 Ion Ratio Lower Upper
 112 100
 64 58.8 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): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.988 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

Instrument :

BNA_F

ClientSampleId :

JC-03-092917-A

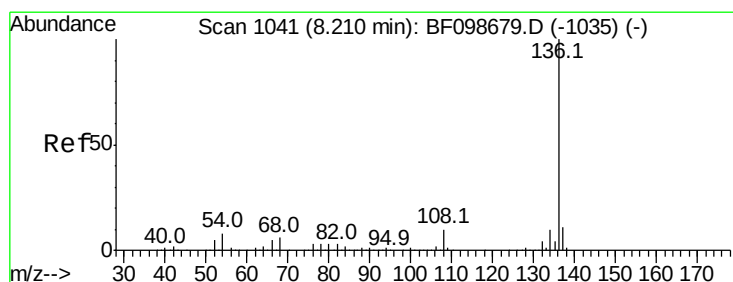
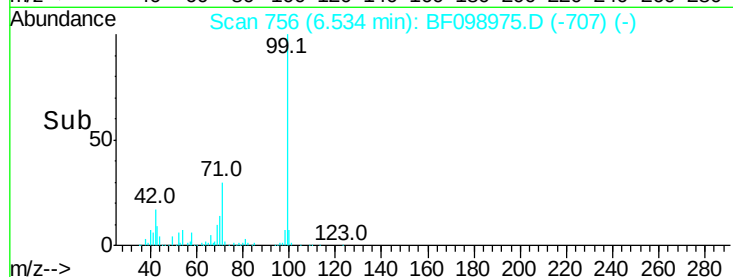
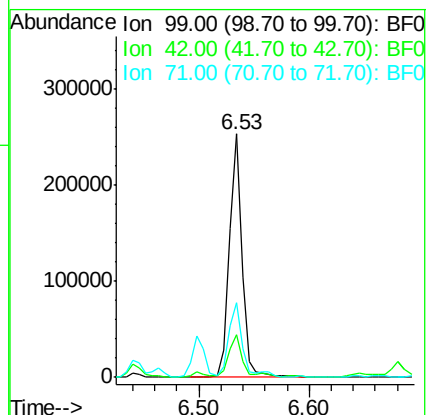
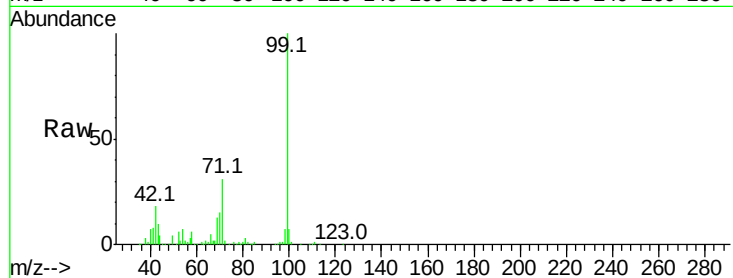
Tot Ion: 99 Resp: 206229

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 30.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

Tgt Ion: 136 Resp: 477192

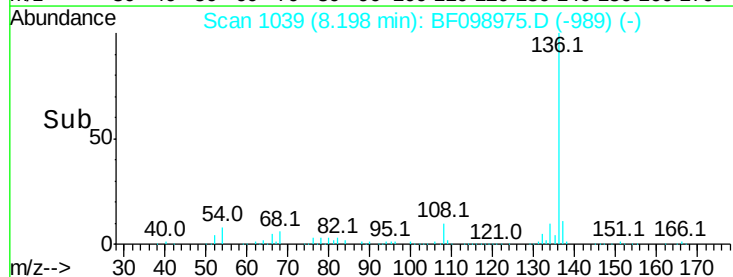
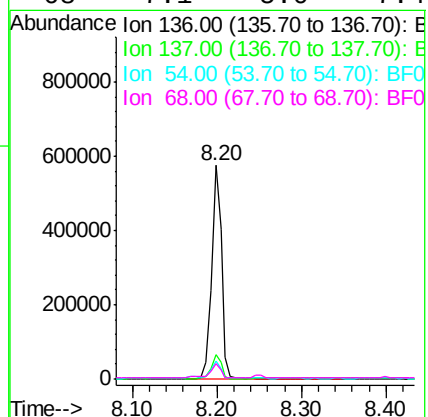
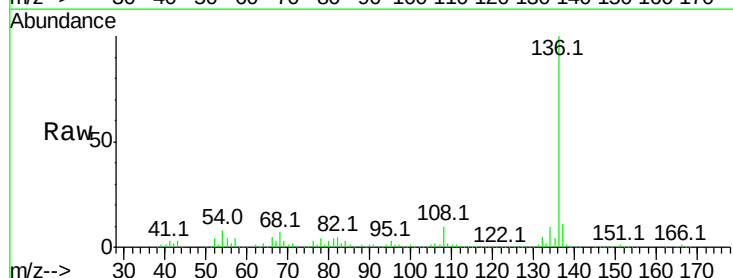
Ion Ratio Lower Upper

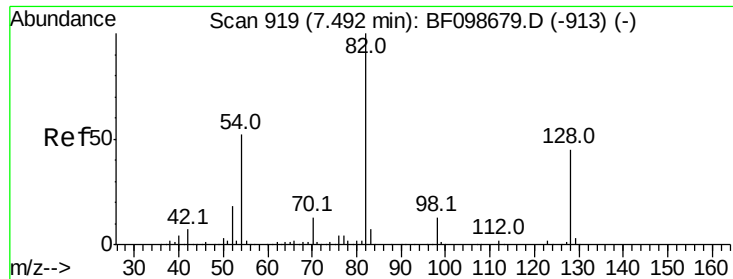
136 100

137 11.3 8.9 13.3

54 8.5 6.6 9.8

68 7.1 5.0 7.4

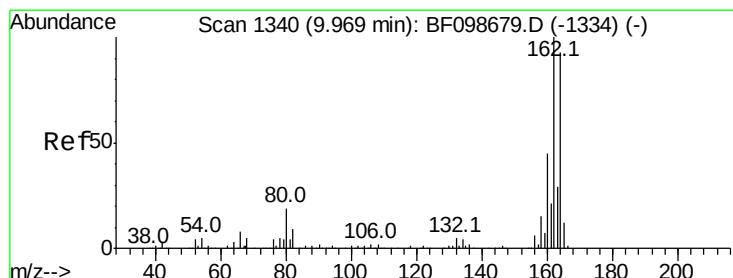
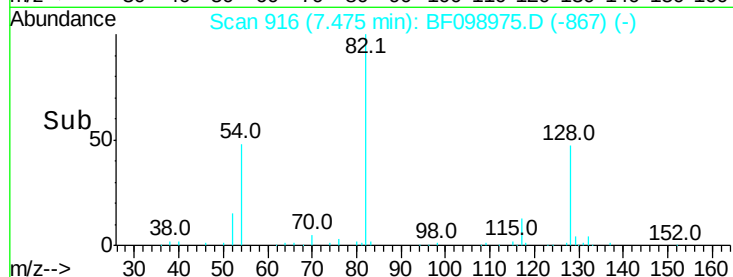
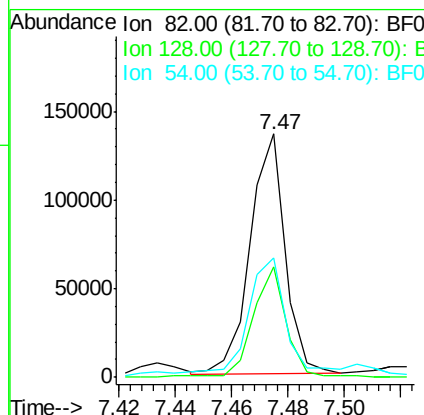
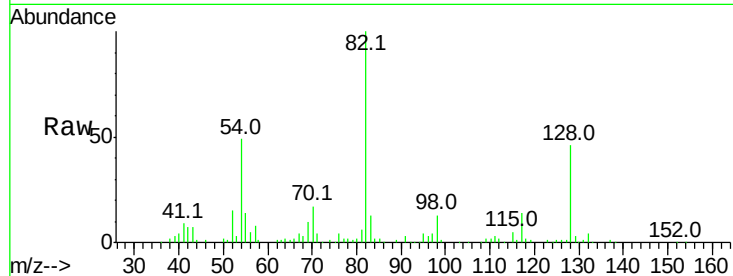




#23
 Nitrobenzene-d5
 Concen: 15.546 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098975.D
 Acq: 30 Sep 2017 21:02

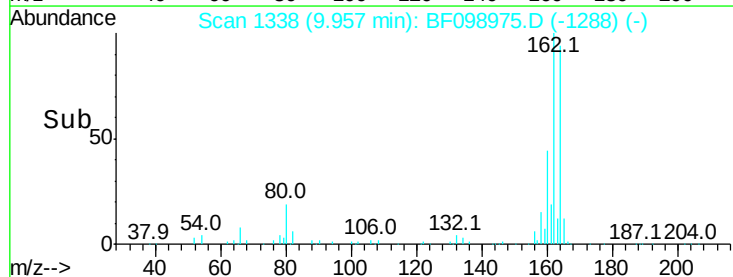
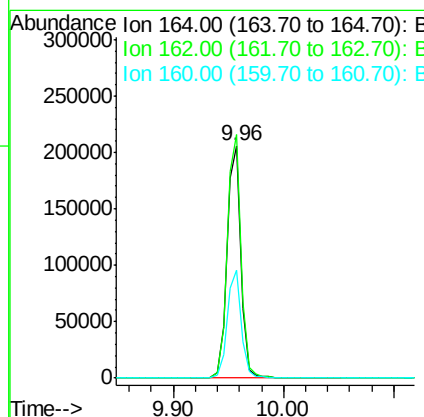
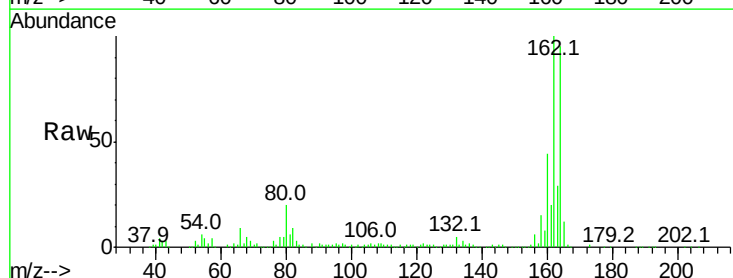
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-A

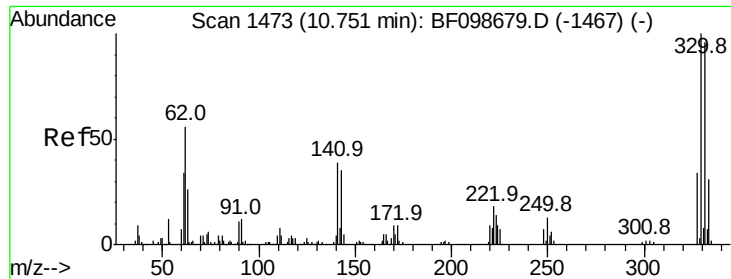
Tot Ion	82	Resp	115678
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	49.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098975.D
 Acq: 30 Sep 2017 21:02

Tgt Ion	164	Resp	182008
Ion Ratio	Lower	Upper	
164	100		
162	104.8	86.1	129.1
160	46.5	38.3	57.5

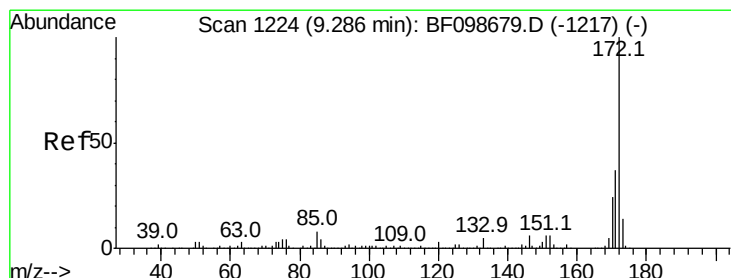
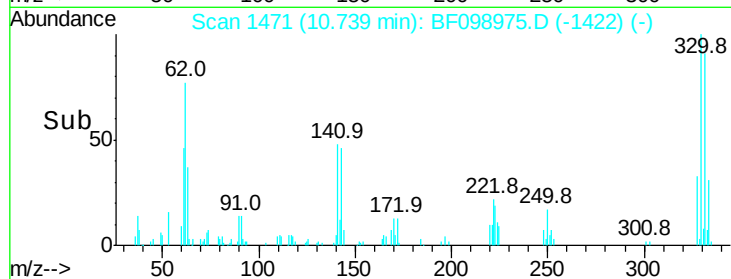
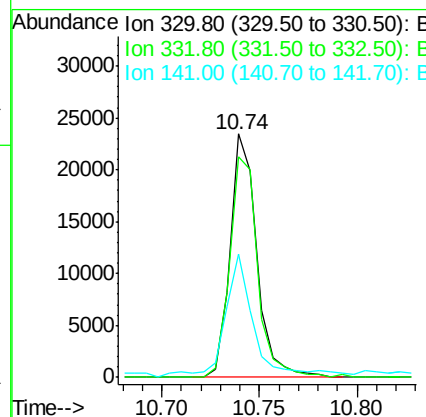
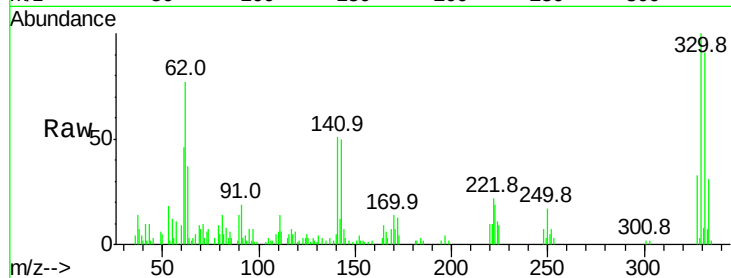




#41
 2,4,6-Tribromophenol
 Concen: 14.916 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098975.D
 Acq: 30 Sep 2017 21:02

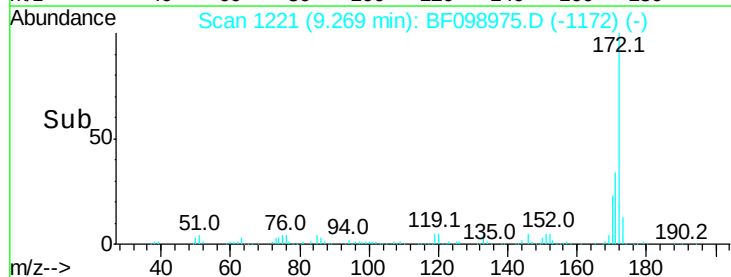
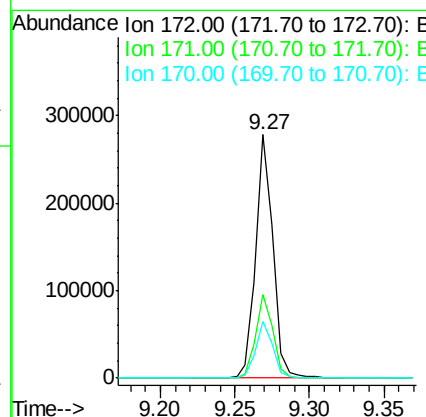
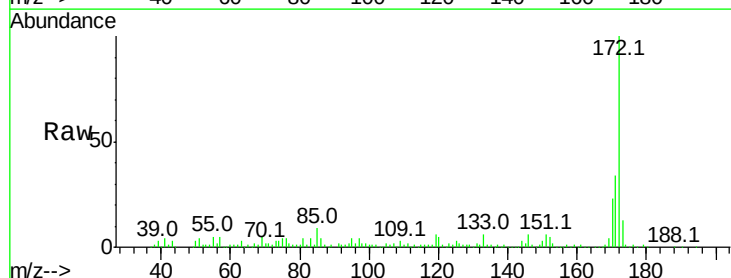
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-A

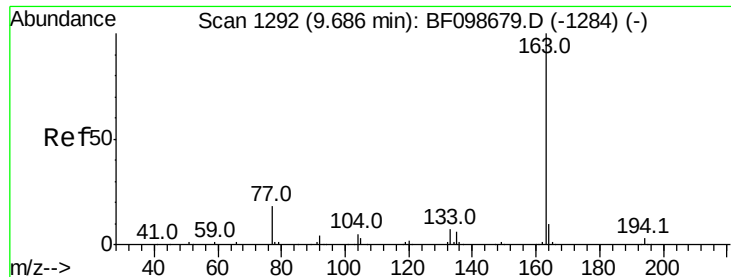
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	56.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 20.204 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098975.D
 Acq: 30 Sep 2017 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.2	19.6	29.4





#49

Dimethylphthalate

Concen: 2.225 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

Instrument :

BNA_F

ClientSampleId :

JC-03-092917-A

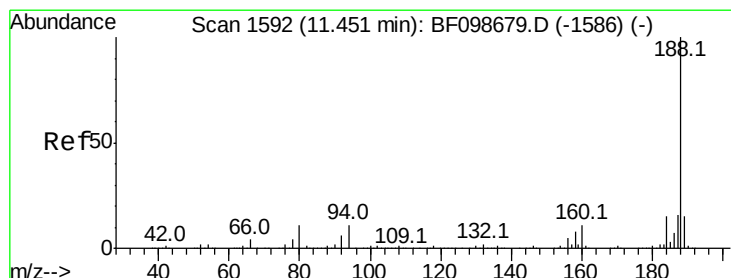
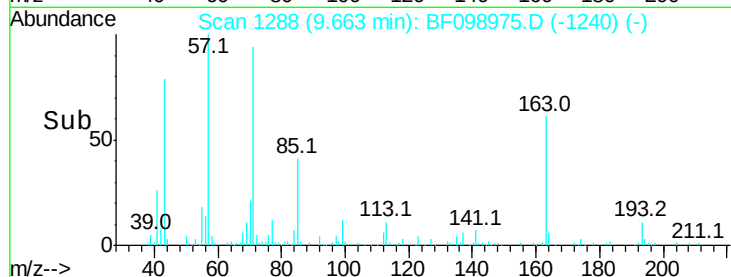
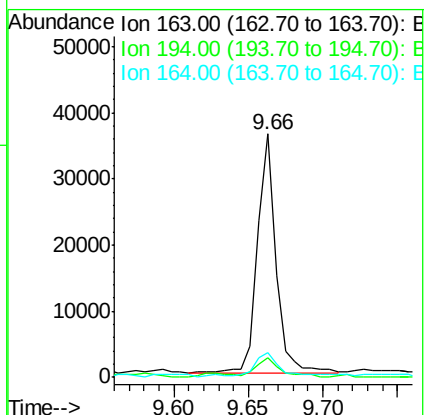
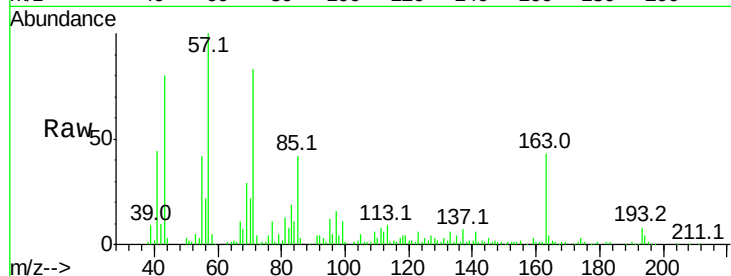
Tot Ion:163 Resp: 30569

Ion Ratio Lower Upper

163 100

194 8.2 2.7 4.1#

164 10.3 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

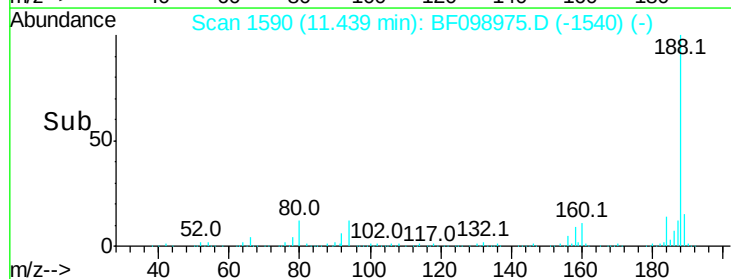
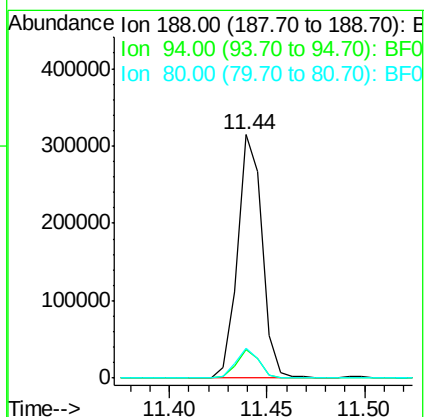
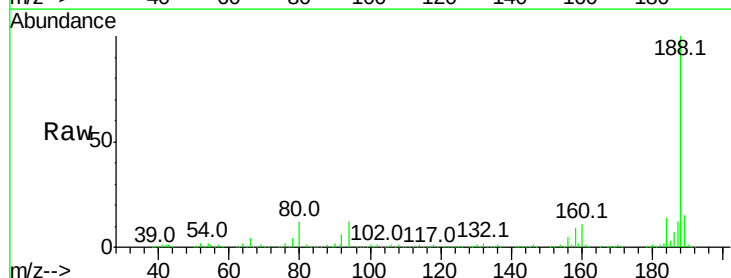
Tgt Ion:188 Resp: 273549

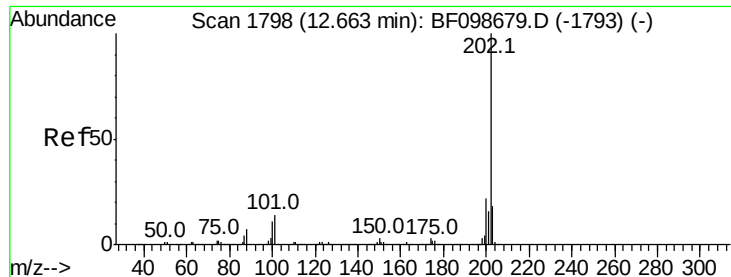
Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

80 12.3 9.2 13.8





#74

Fluoranthene

Concen: 2.139 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

Instrument :

BNA_F

ClientSampleId :

JC-03-092917-A

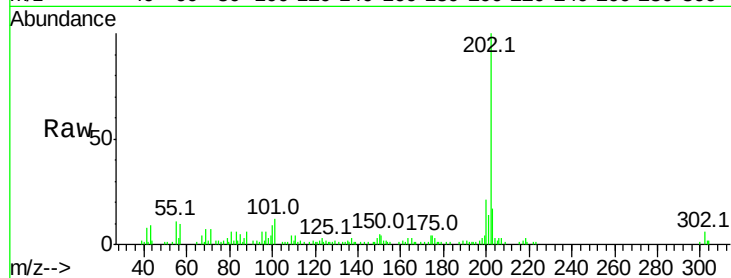
Tot Ion:202 Resp: 31709

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

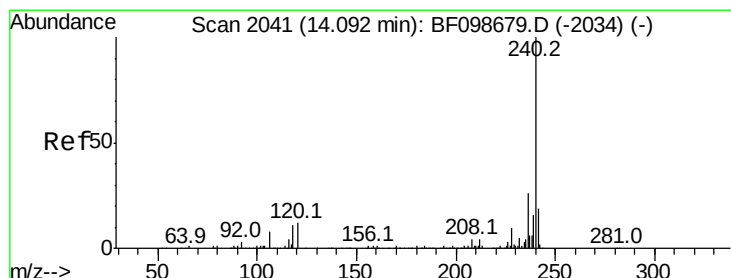
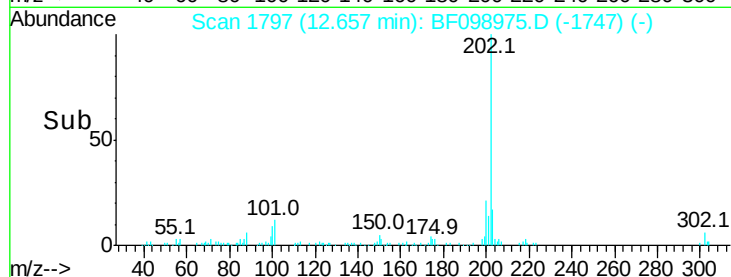
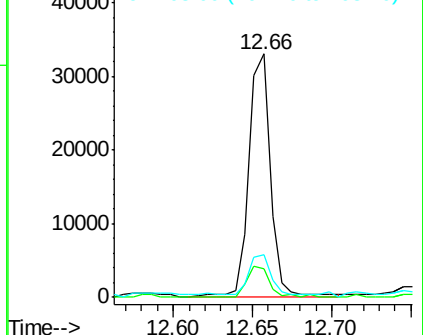
203 17.3 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

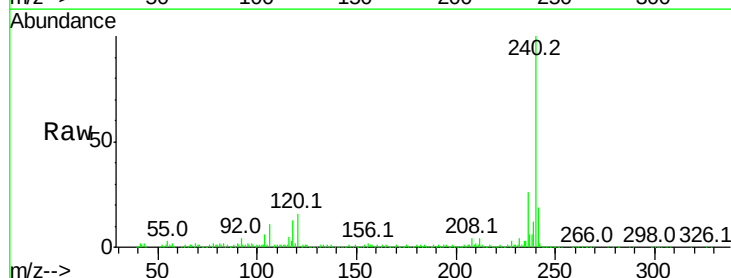
Tgt Ion:240 Resp: 250863

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

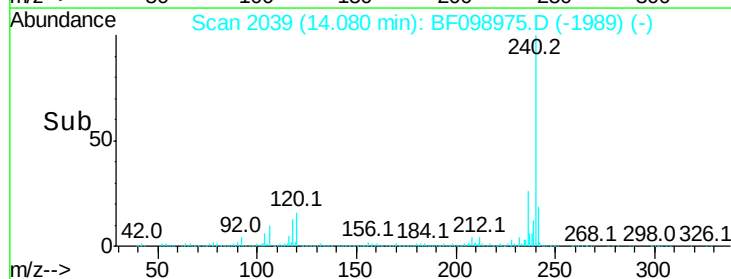
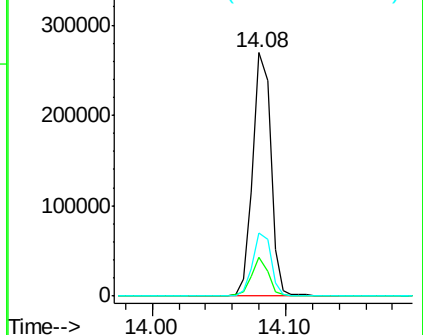
236 26.1 20.7 31.1

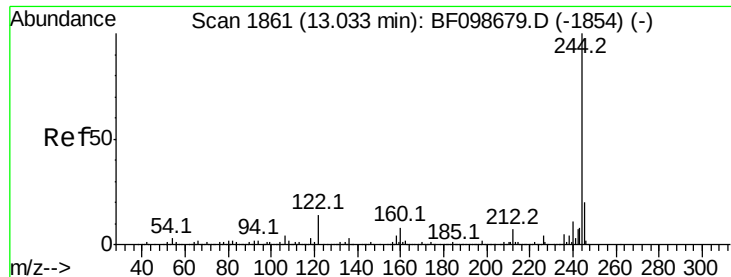


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.347 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

Instrument :

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JC-03-092917-A

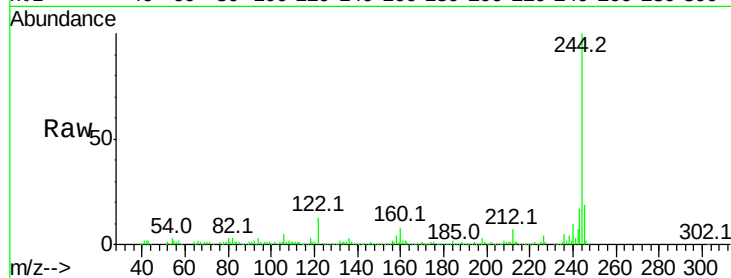
Tot Ion:244 Resp: 158264

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

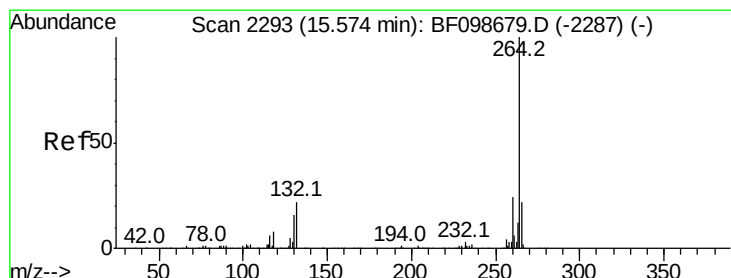
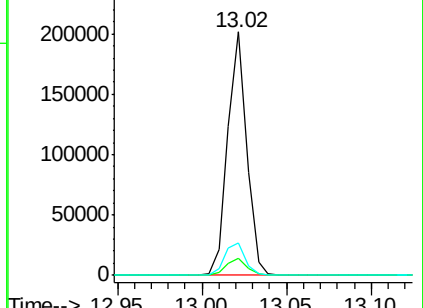
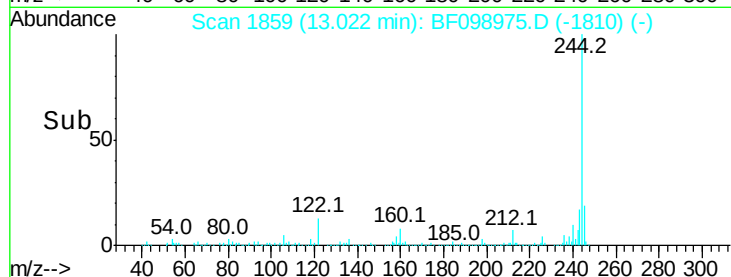
122 13.4 11.0 16.4



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: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098975.D

Acq: 30 Sep 2017 21:02

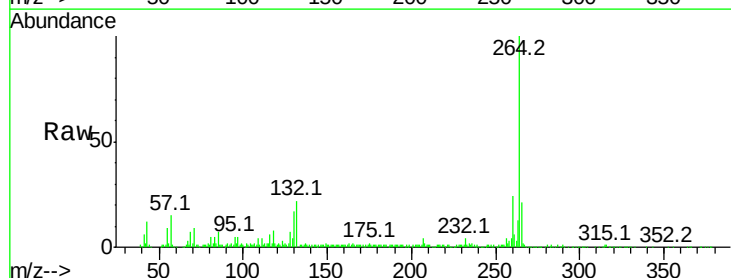
Tgt Ion:264 Resp: 172280

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 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

