

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086242.D
 Acq On : 16 Apr 2016 4:12
 Operator : UM/SJ
 Sample : H2471-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH8

Quant Time: Apr 16 05:20:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

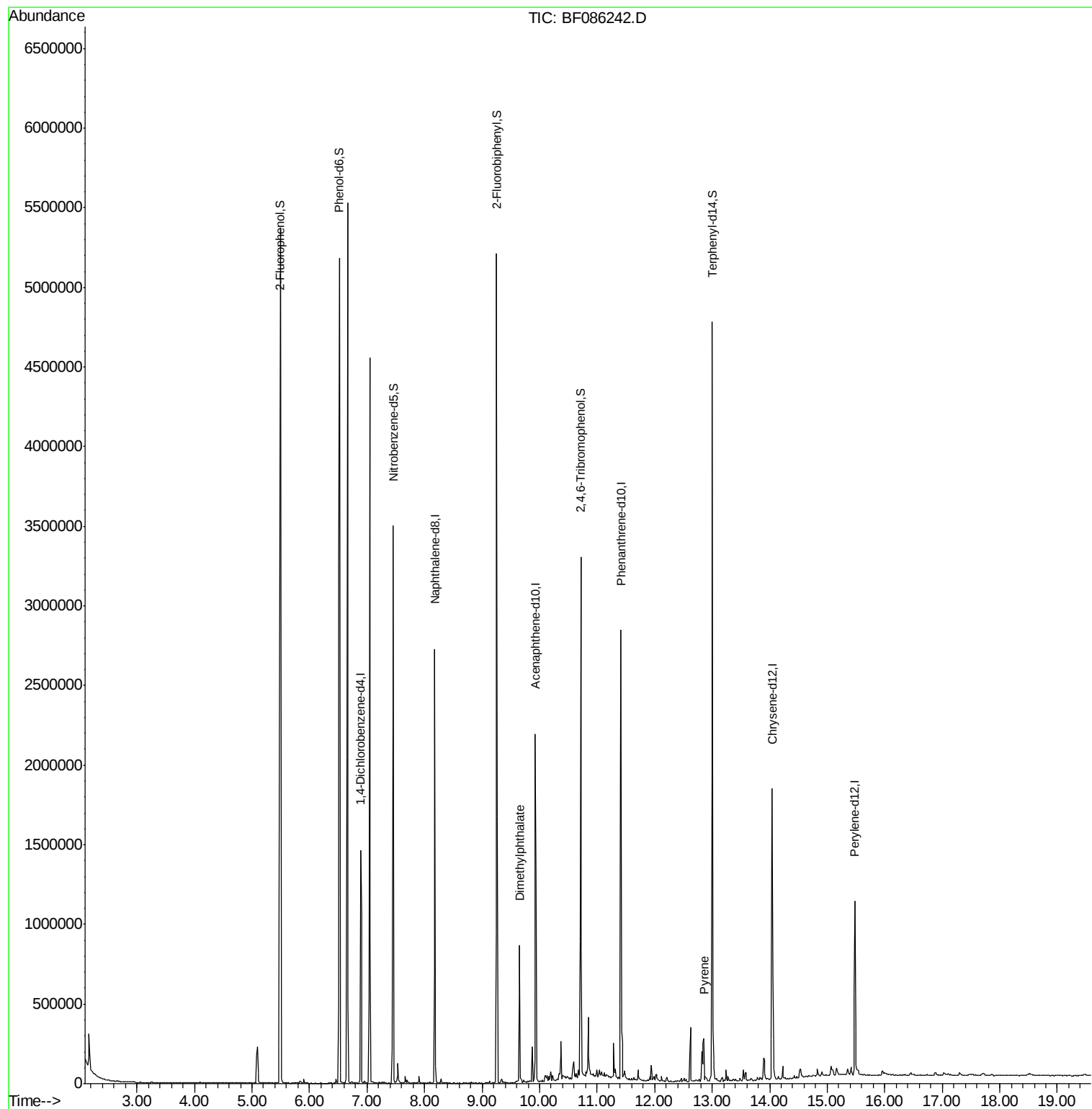
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	288243	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1199802	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	519836	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	922720	20.00	ng	0.00
75) Chrysene-d12	14.04	240	598451	20.00	ng	-0.01
86) Perylene-d12	15.48	264	482282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1638582	93.14	ng	0.01
7) Phenol-d6	6.52	99	2166069	98.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	1439705	69.21	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	384535	92.12	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1771360	62.88	ng	-0.01
78) Terphenyl-d14	13.00	244	1471935	61.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	461571	12.21	ng	98
74) Fluoranthene	12.63	202	163790	Below Cal		90
77) Pyrene	12.85	202	145748	3.17	ng	96

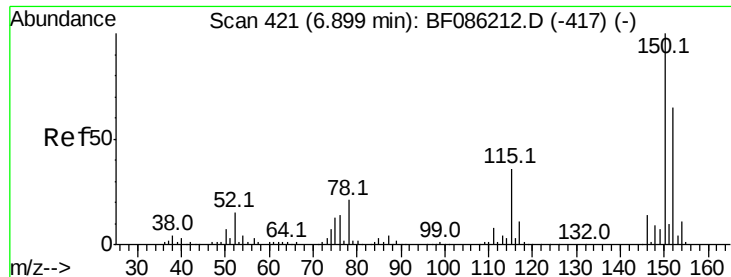
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

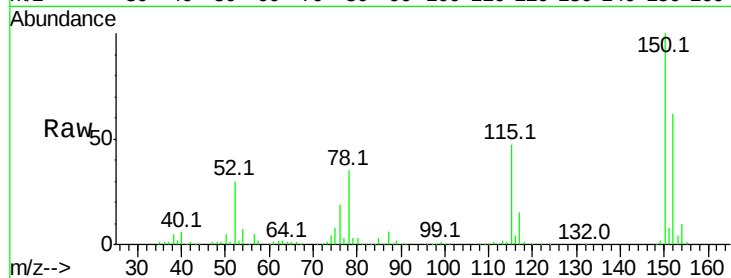
Tot Ion:152 Resp: 288243

Ion Ratio Lower Upper

152 100

150 161.5 124.1 186.1

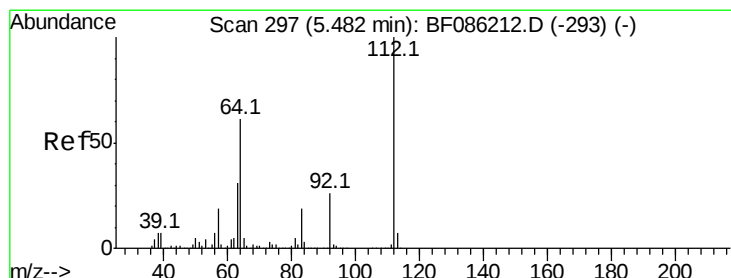
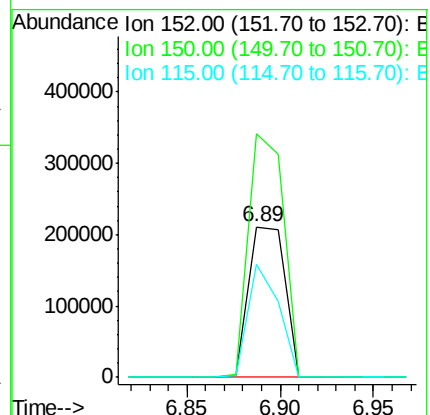
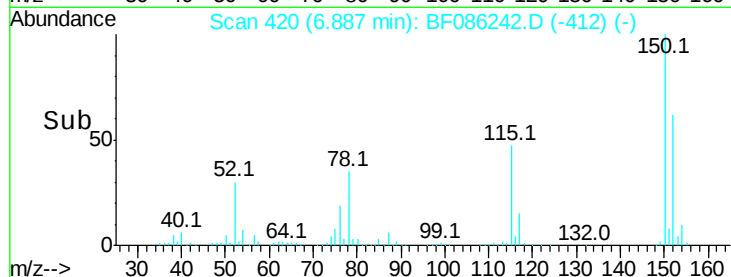
115 75.3 43.9 65.9#



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: 93.14 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

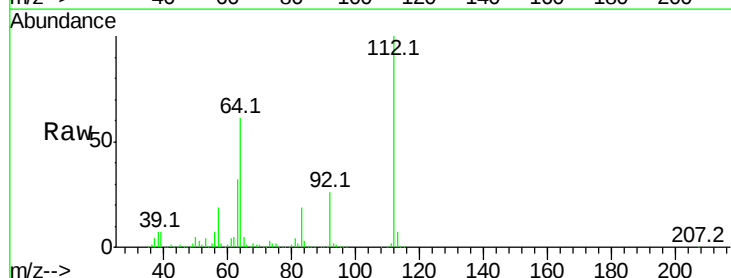
Tgt Ion:112 Resp: 1638582

Ion Ratio Lower Upper

112 100

64 60.7 48.1 72.1

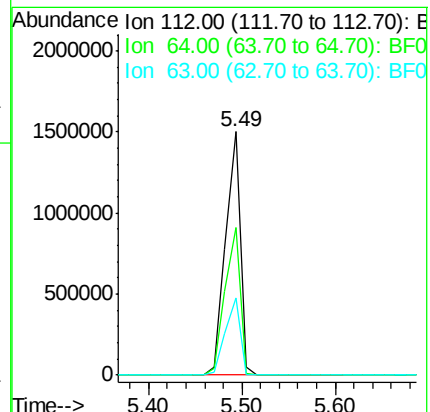
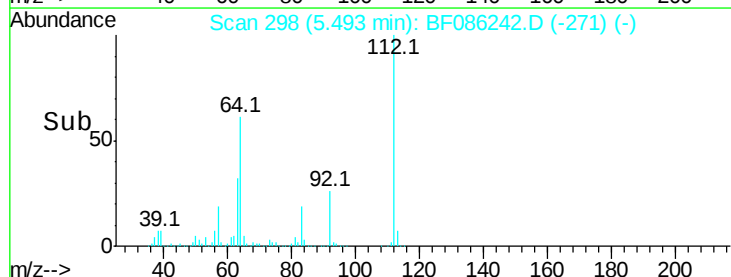
63 31.6 25.5 38.3

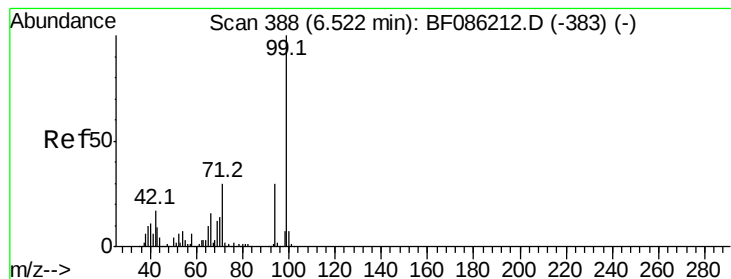


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.44 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

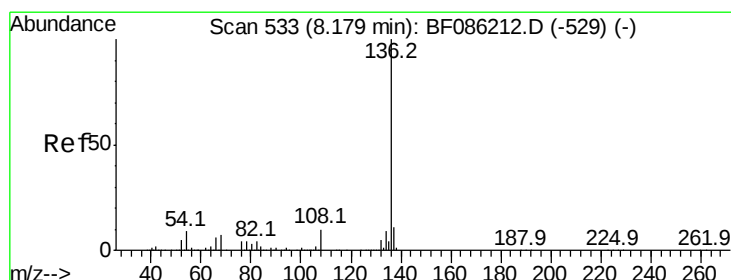
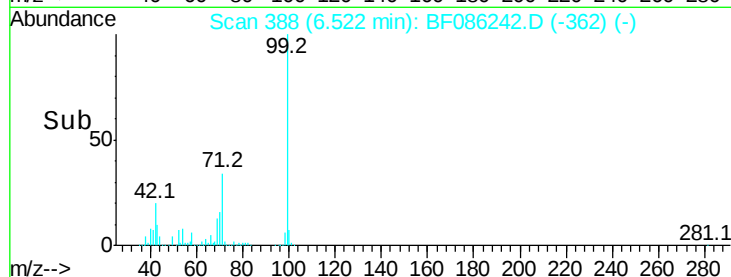
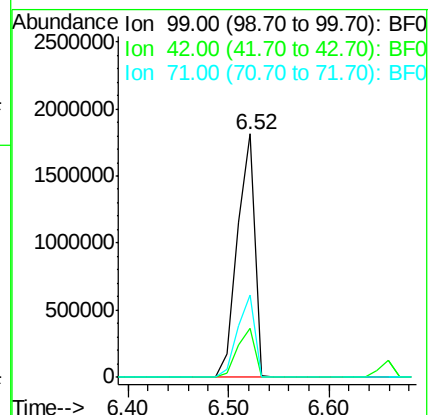
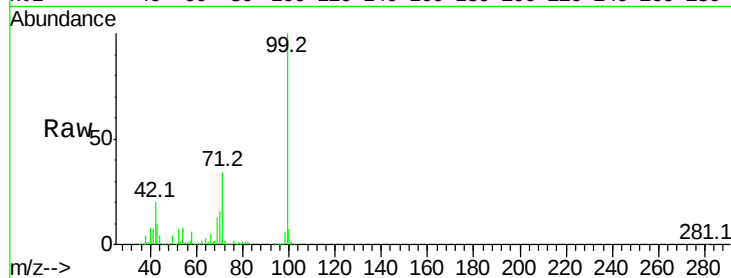
Tot Ion: 99 Resp: 2166069

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.2

71 33.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Tgt Ion: 136 Resp: 1199802

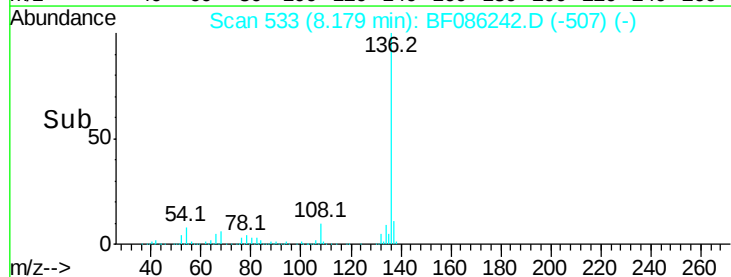
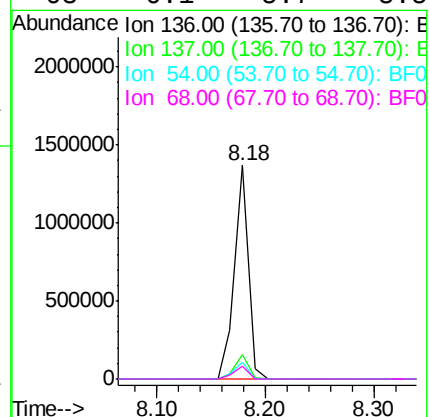
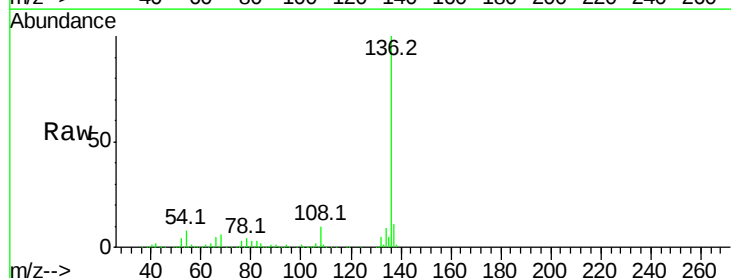
Ion Ratio Lower Upper

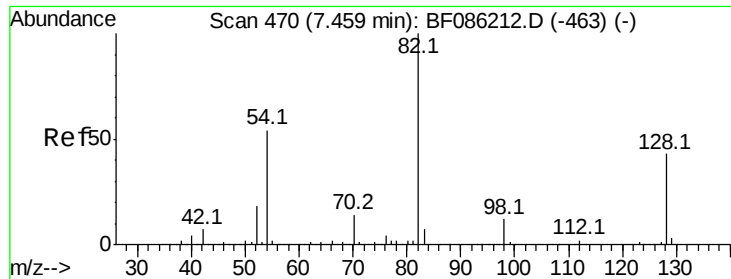
136 100

137 11.2 9.1 13.7

54 7.5 7.3 10.9

68 6.1 5.7 8.5



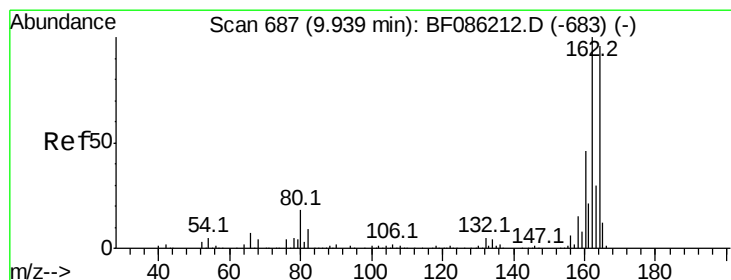
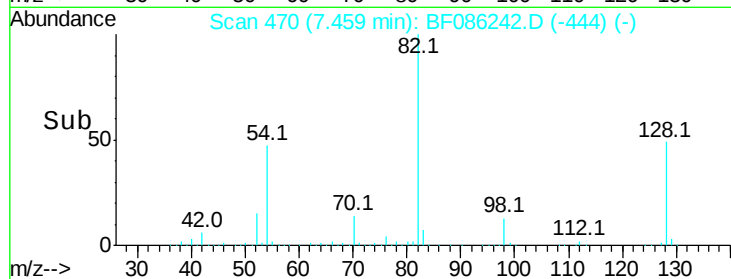
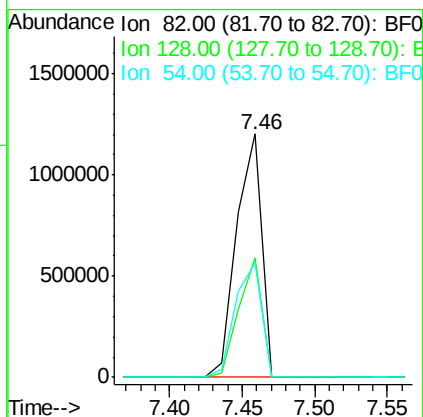
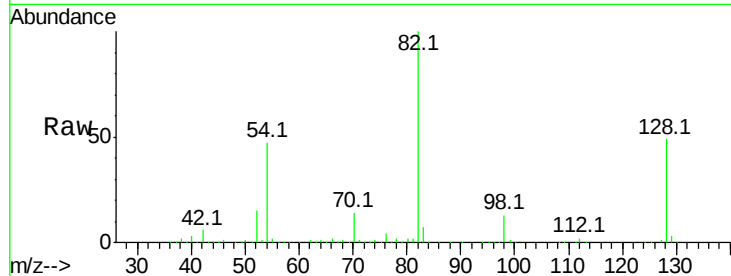


#23
 Nitrobenzene-d5
 Concen: 69.21 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 CDMH8

Tot Ion: 82 Resp: 1439705

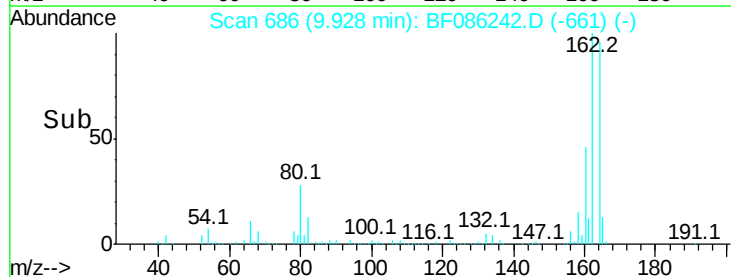
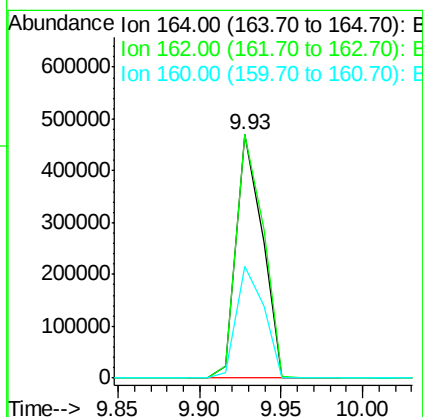
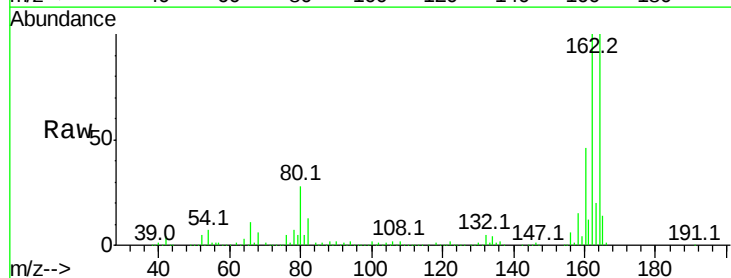
Ion	Ratio	Lower	Upper
82	100		
128	49.3	35.4	53.2
54	47.2	43.4	65.0

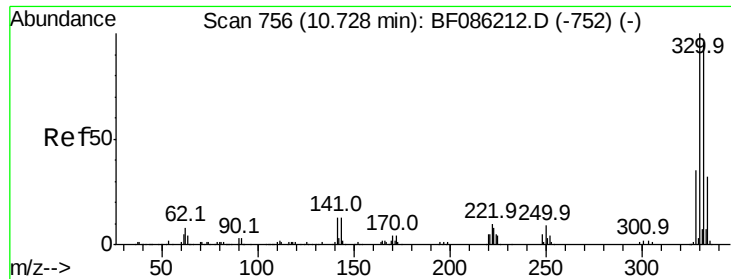


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Tgt Ion: 164 Resp: 519836

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.8	124.2
160	46.1	38.9	58.3

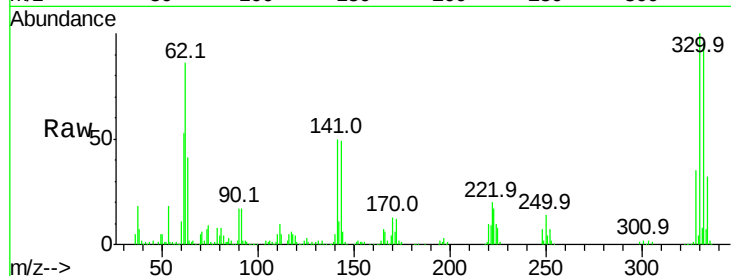




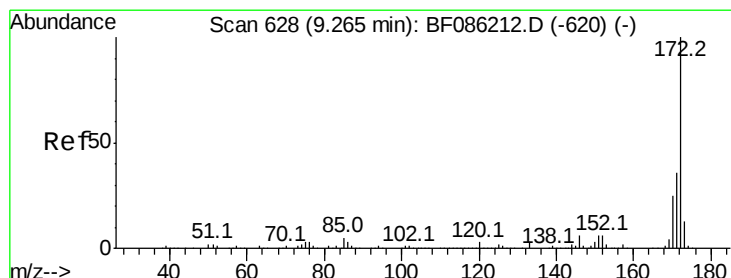
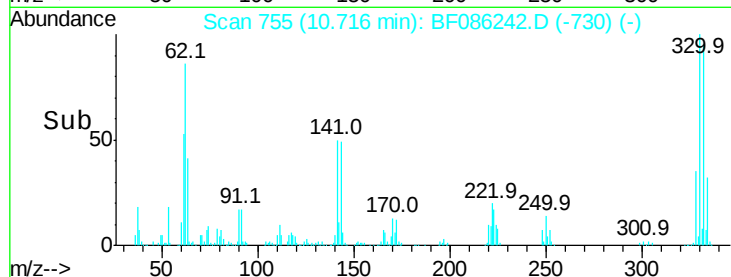
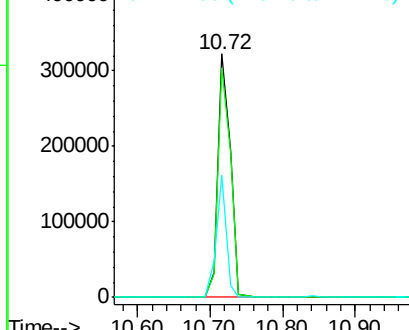
#41
 2,4,6-Tribromophenol
 Concen: 92.12 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Instrument :
 BNA_F
 ClientSampled :
 CDMSH8

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.7	118.1
141	41.6	28.6	42.8

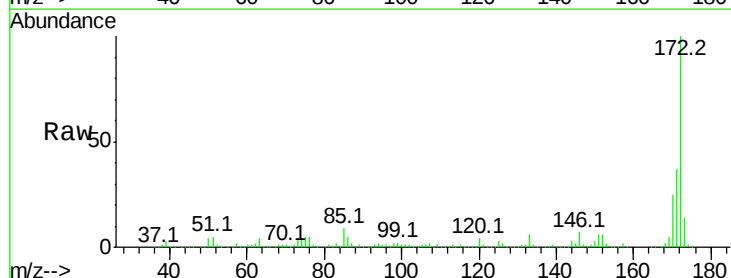


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

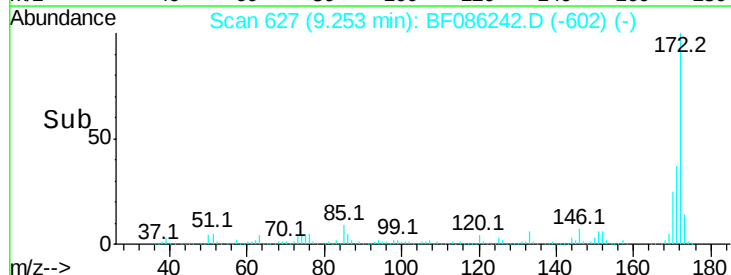
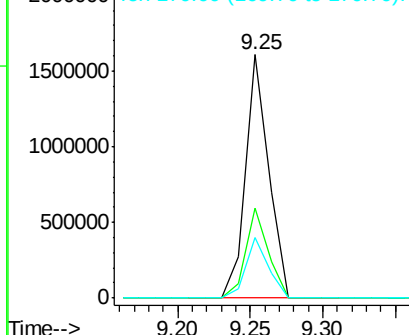


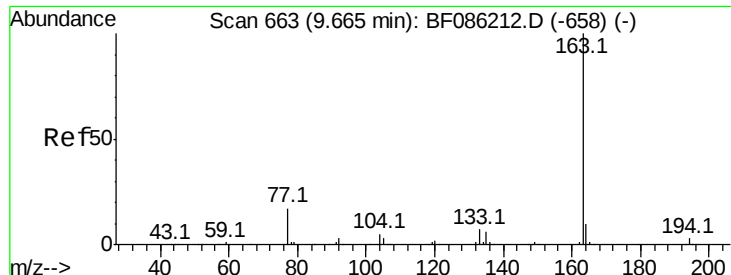
#44
 2-Fluorobiphenyl
 Concen: 62.88 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.1	43.7
170	24.9	19.9	29.9



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

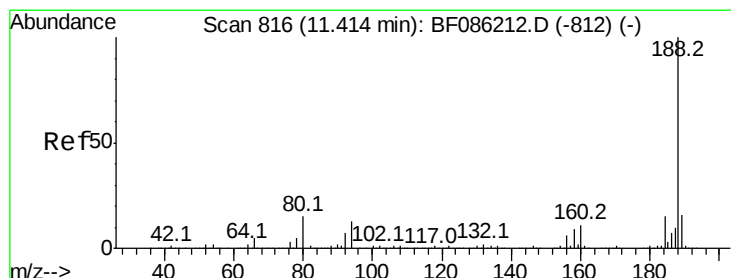
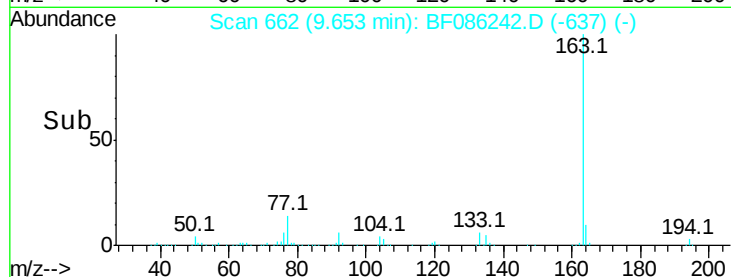
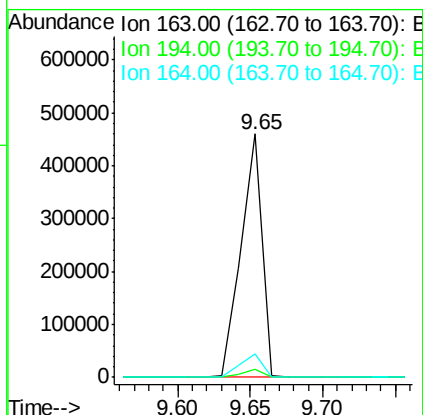
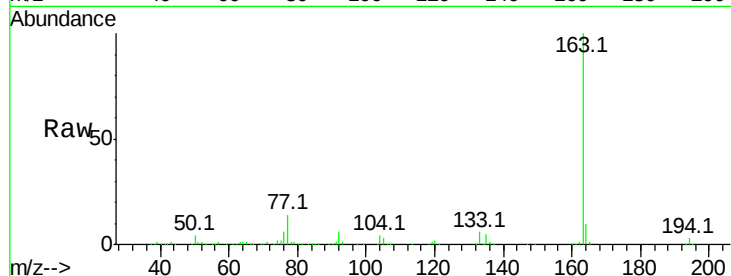




#49
Dimethylphthalate
Concen: 12.21 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086242.D
Acq: 16 Apr 2016 4:12

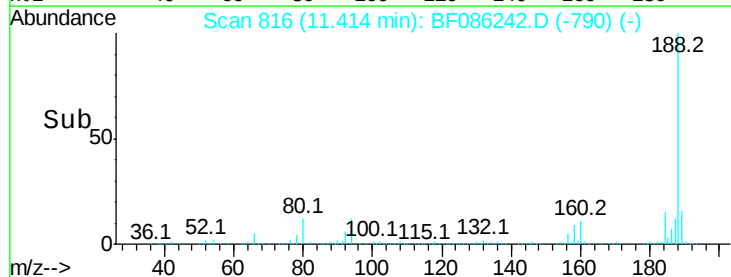
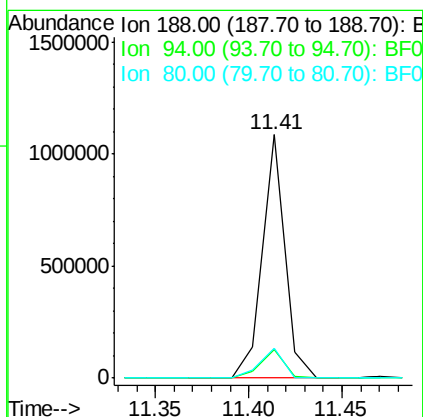
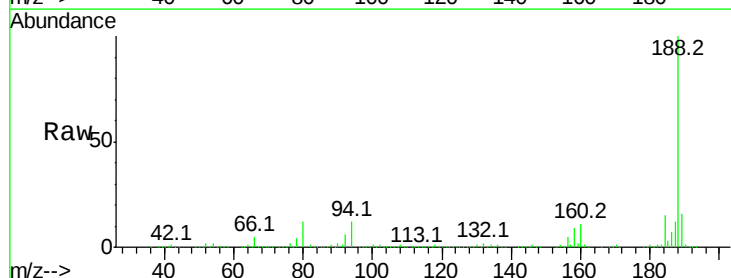
Instrument :
BNA_F
ClientSampleId :
CDMSH8

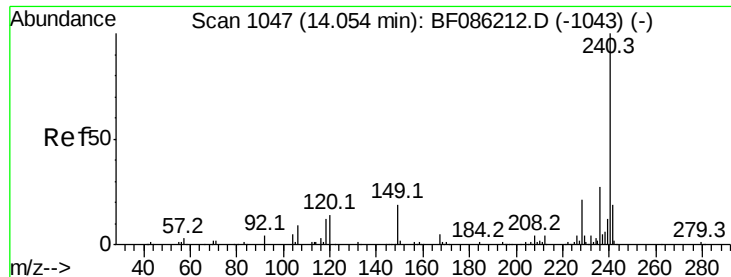
Tot Ion:163 Resp: 461571
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.7 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086242.D
Acq: 16 Apr 2016 4:12

Tgt Ion:188 Resp: 922720
Ion Ratio Lower Upper
188 100
94 11.7 9.8 14.8
80 12.4 10.5 15.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

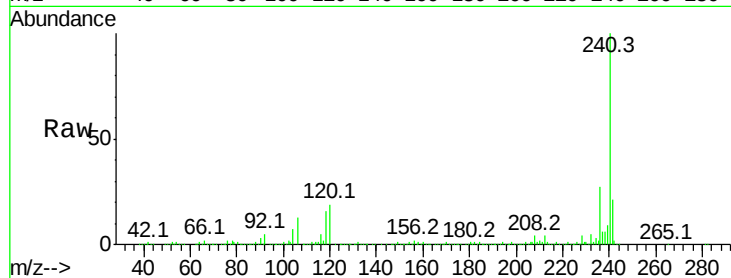
Tot Ion:240 Resp: 598451

Ion Ratio Lower Upper

240 100

120 18.6 9.3 13.9#

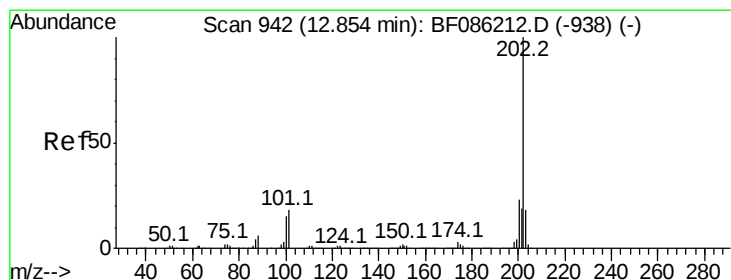
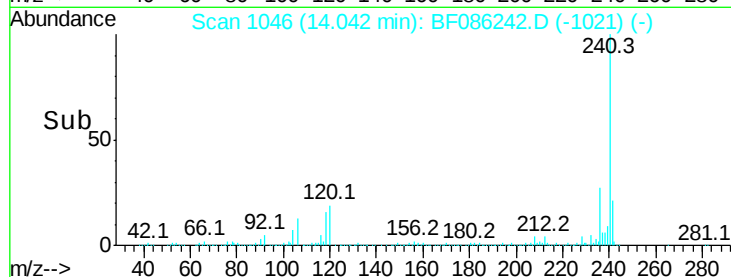
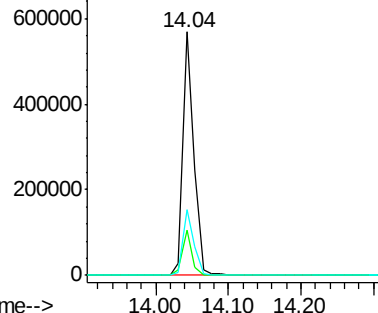
236 26.7 21.1 31.7



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



#77

Pyrene

Concen: 3.17 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

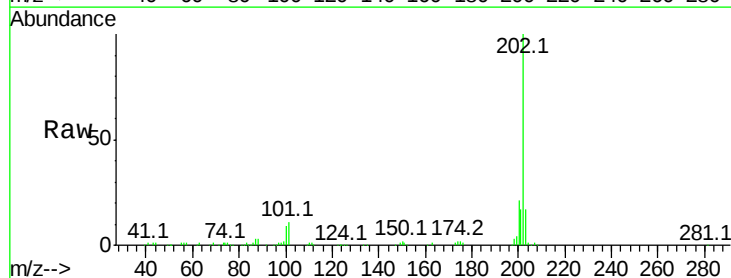
Tgt Ion:202 Resp: 145748

Ion Ratio Lower Upper

202 100

200 20.6 18.3 27.5

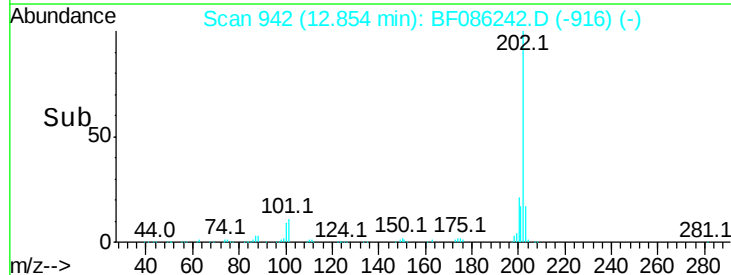
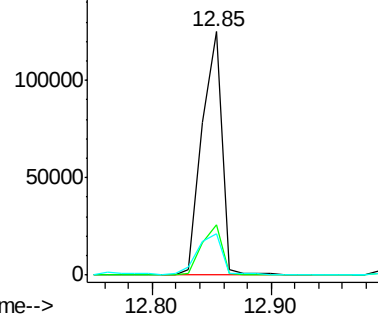
203 17.2 14.9 22.3

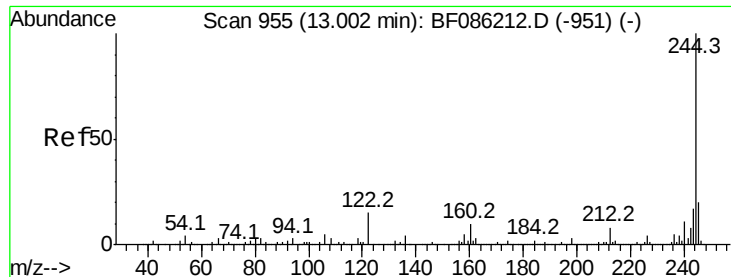


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

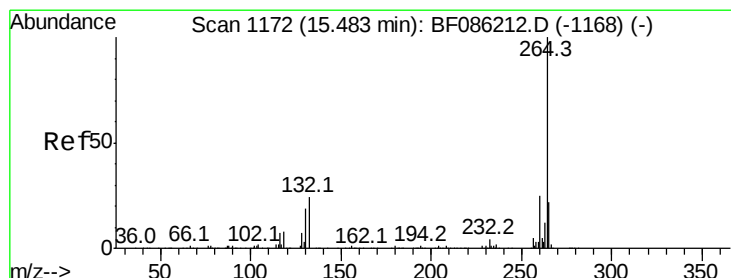
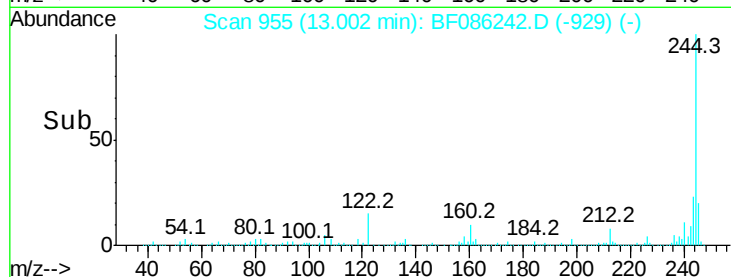
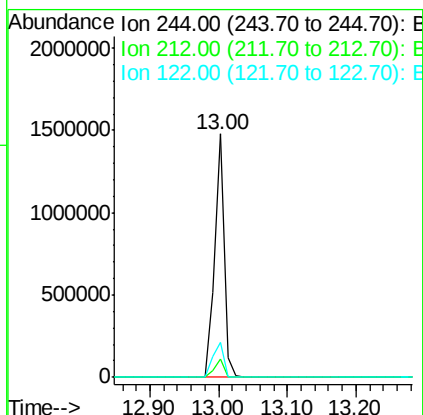
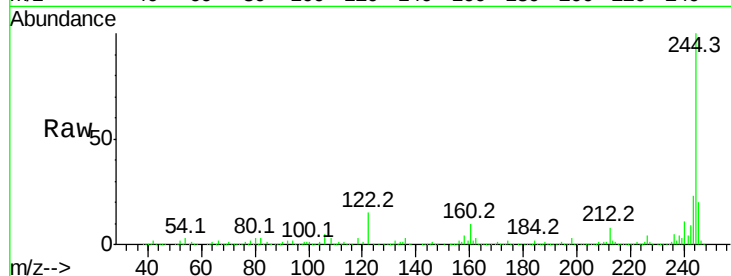




#78
 Terphenyl-d14
 Concen: 61.85 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH8

Tot Ion:244 Resp: 1471935
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 14.6 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Tgt Ion:264 Resp: 482282
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 20.6 17.4 26.0

