

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086454.D
 Acq On : 28 Apr 2016 5:43
 Operator : UM/SJ
 Sample : H2707-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB08(0.5-6.0)

Quant Time: Apr 28 08:10:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

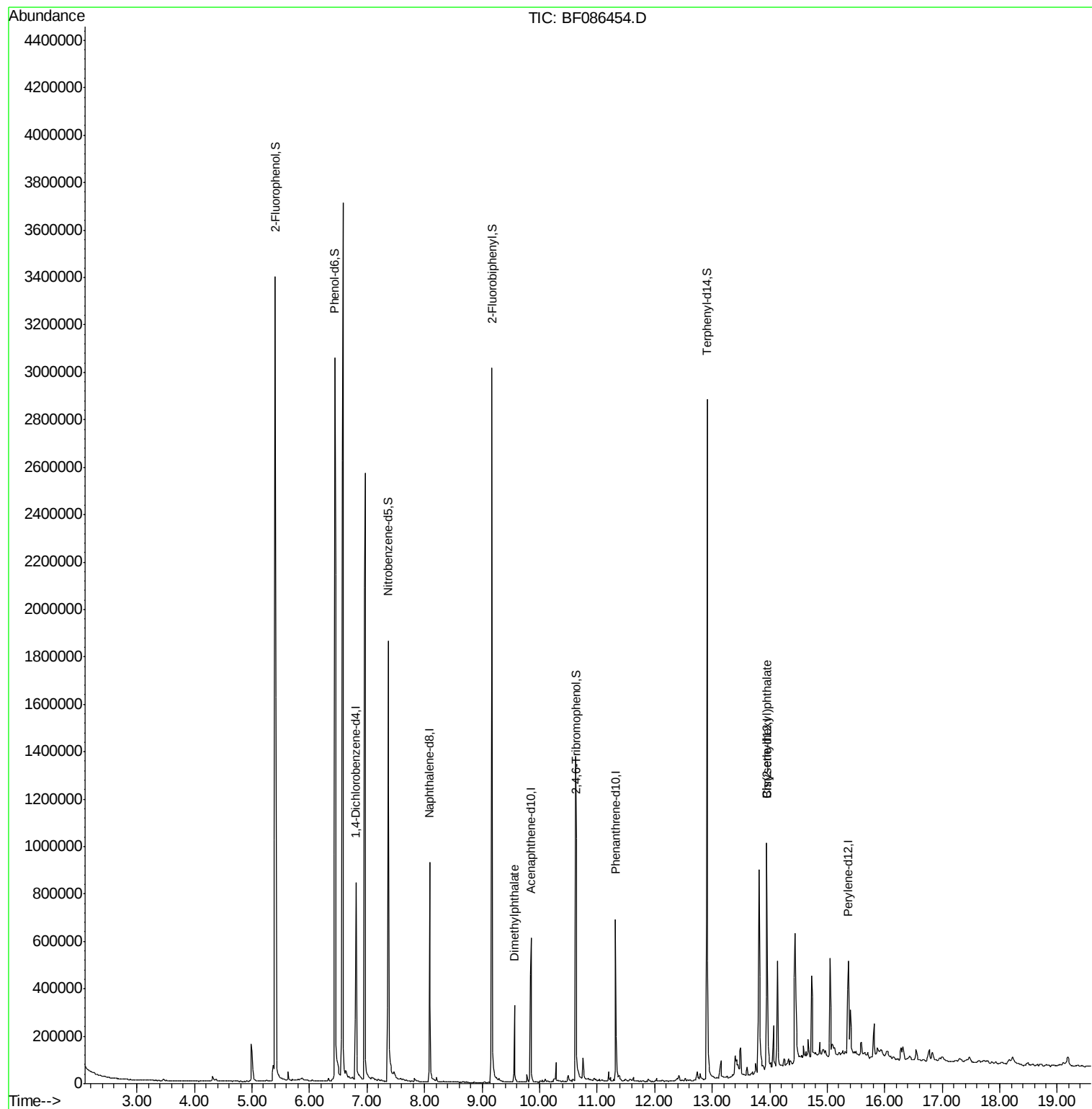
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131120	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	459784	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	161665	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	286653	20.00	ng	0.00
75) Chrysene-d12	13.95	240	314311	20.00	ng	-0.01
86) Perylene-d12	15.37	264	223513	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1138841	149.81	ng	0.01
7) Phenol-d6	6.44	99	1523012	143.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	862399	101.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	236618	138.79	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1188250	148.71	ng	0.00
78) Terphenyl-d14	12.91	244	933021	65.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	121010	9.94	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	110228	9.05	ng	# 99

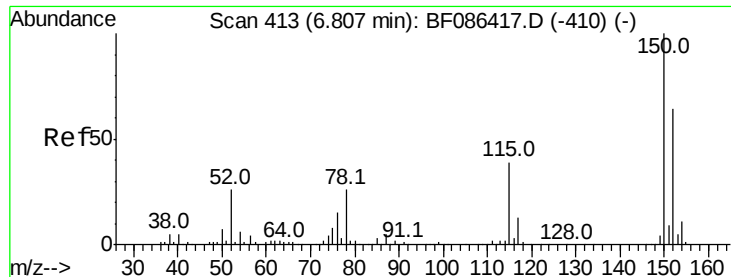
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB08(0.5-6.0)

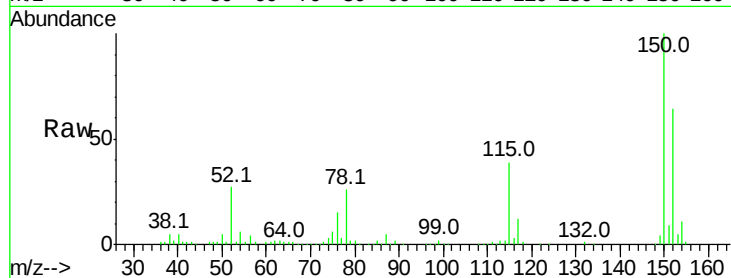
Tot Ion:152 Resp: 131120

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

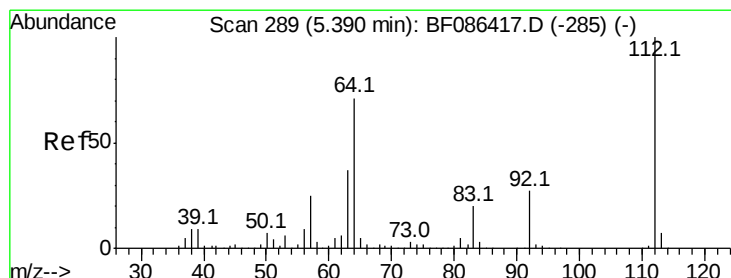
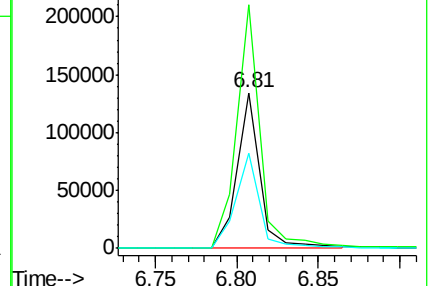
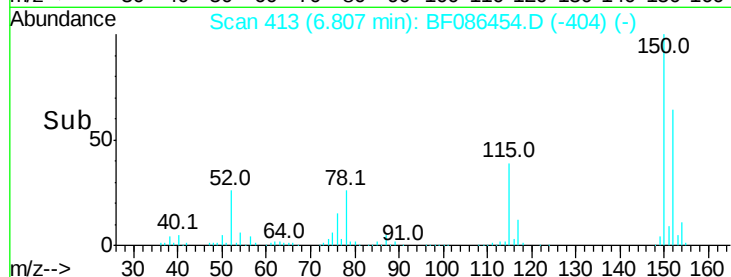
115 60.8 51.5 77.3



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: 149.81 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

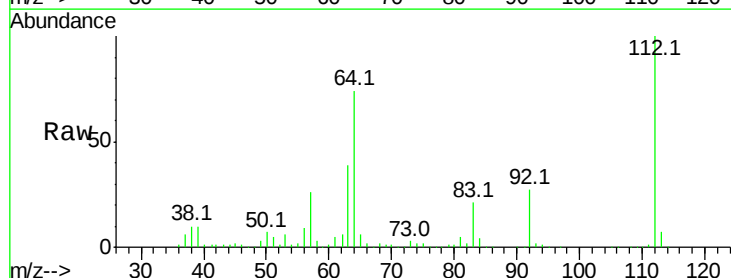
Tgt Ion:112 Resp: 1138841

Ion Ratio Lower Upper

112 100

64 74.5 52.1 78.1

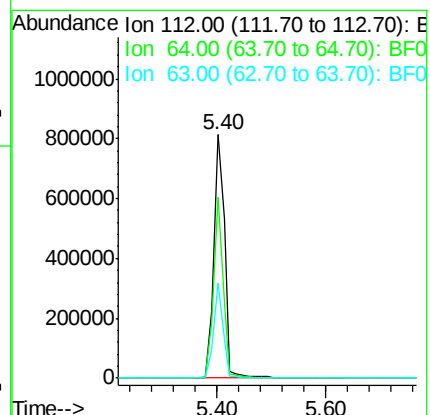
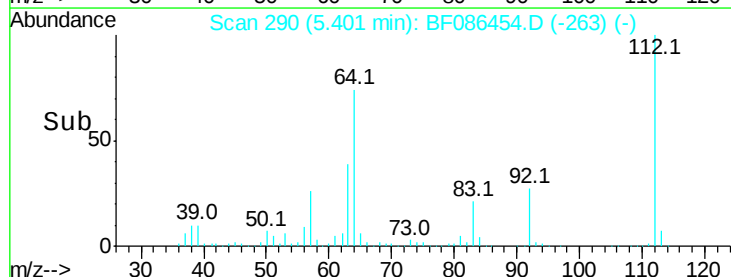
63 39.3 25.7 38.5

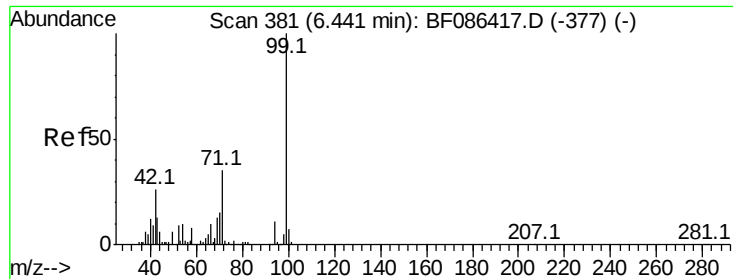


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.55 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

Instrument :

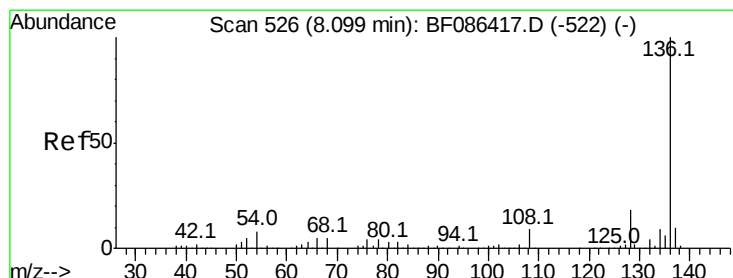
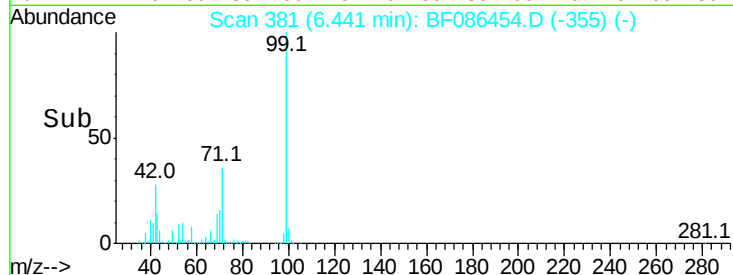
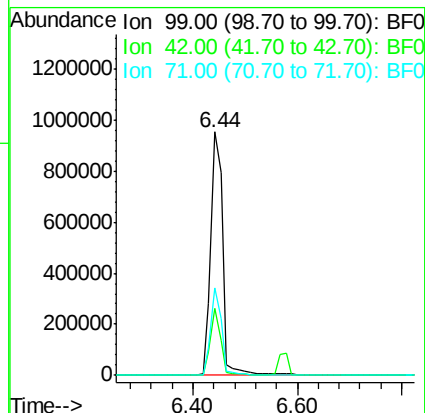
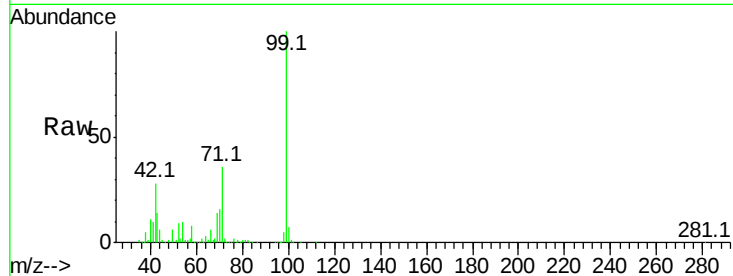
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB08(0.5-6.0)

Tot Ion: 99 Resp: 1523012

Ion	Ratio	Lower	Upper
99	100		
42	27.6	13.6	20.4#
71	36.0	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

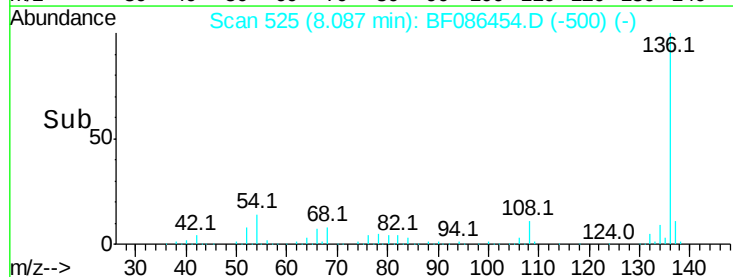
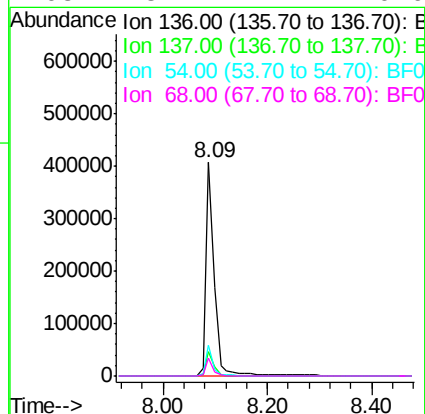
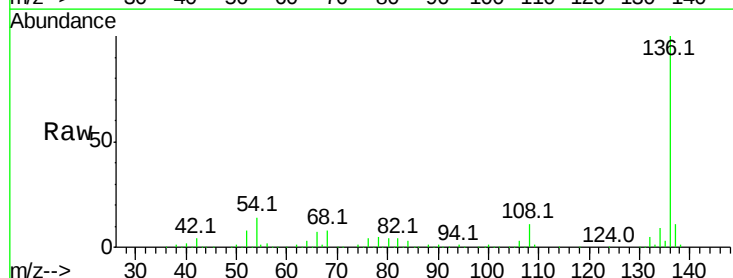
Delta R.T. -0.01 min

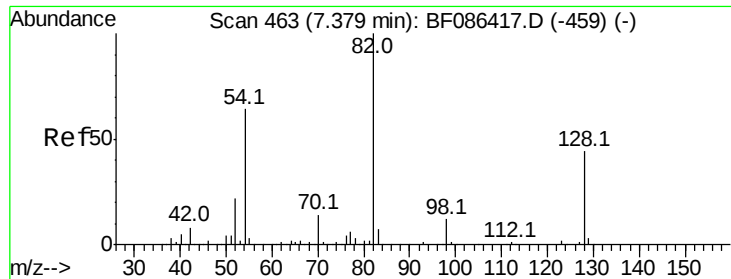
Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

Tgt Ion: 136 Resp: 459784

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.2	5.0	7.4#
68	8.4	4.4	6.6#

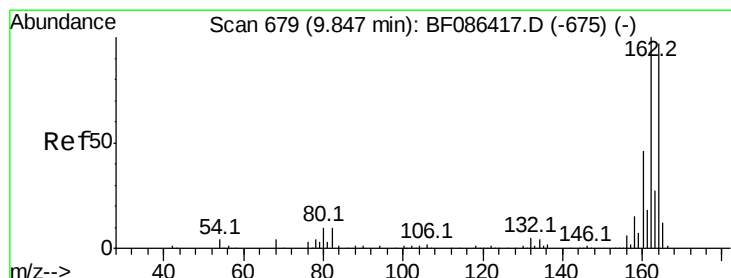
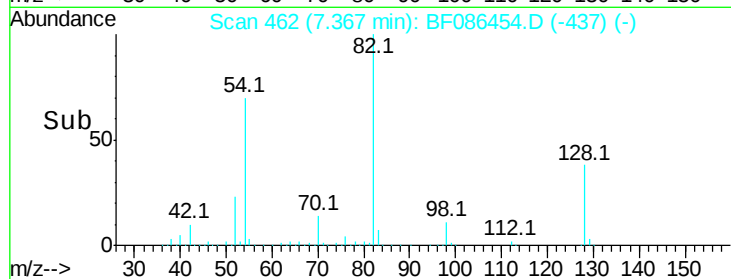
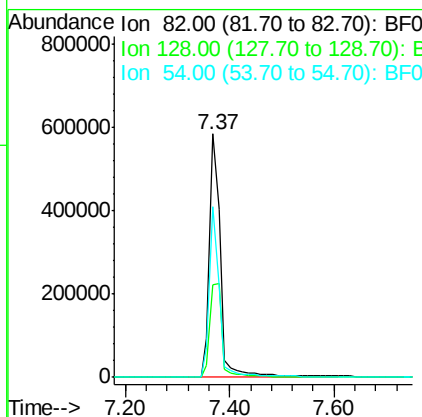
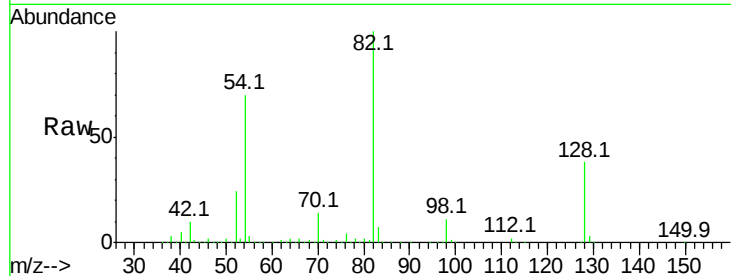




#23
Nitrobenzene-d5
Concen: 101.10 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086454.D
Acq: 28 Apr 2016 5:43

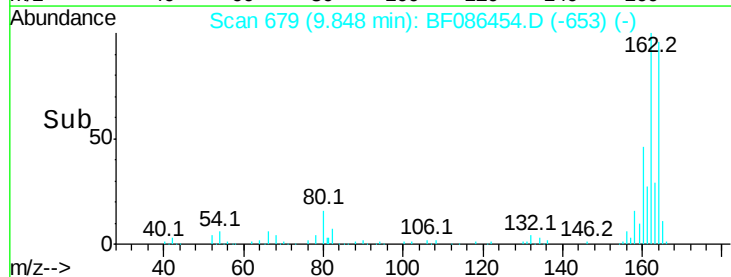
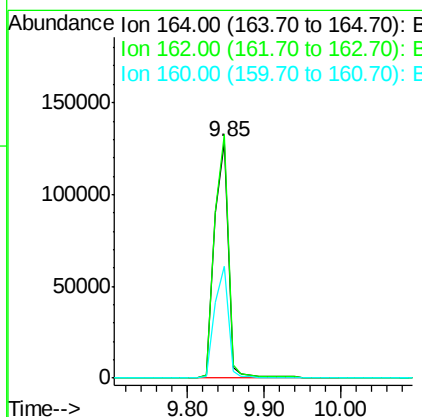
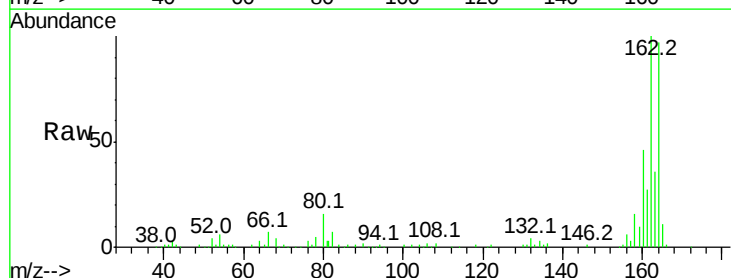
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB08(0.5-6.0)

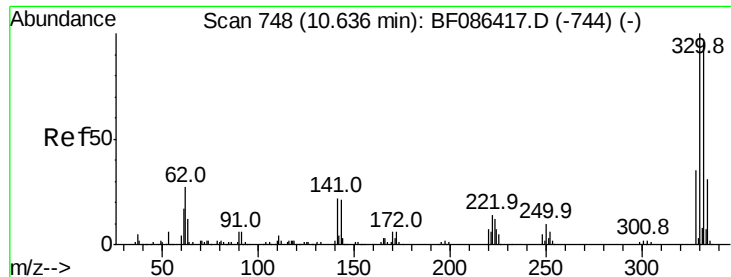
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	40.6	61.0#
54	69.9	38.1	57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086454.D
Acq: 28 Apr 2016 5:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.8	124.2
160	47.4	36.9	55.3

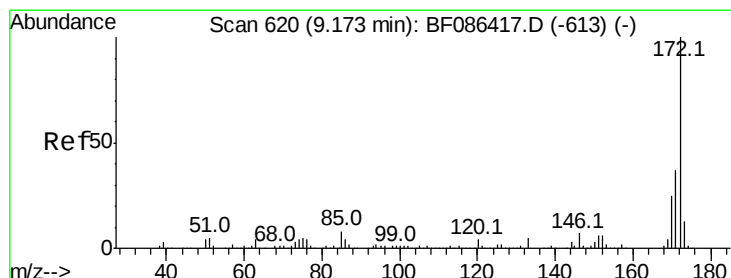
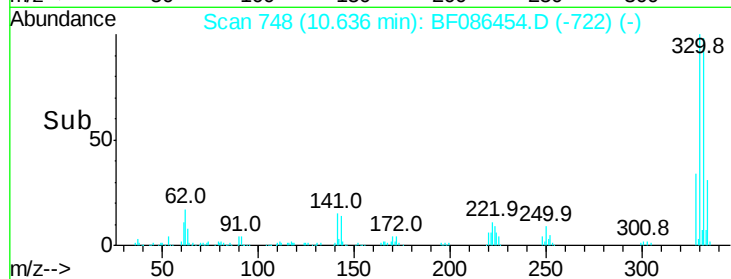
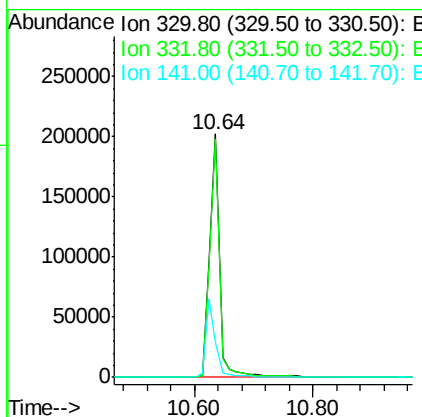
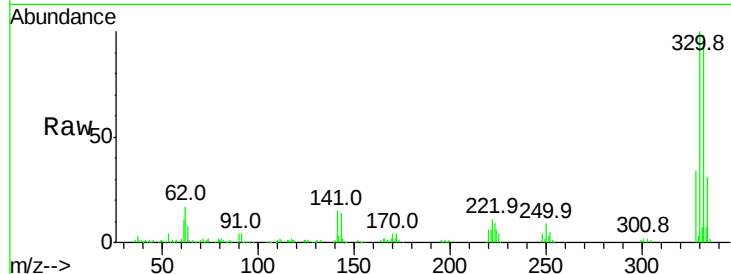




#41
 2,4,6-Tribromophenol
 Concen: 138.79 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086454.D
 Acq: 28 Apr 2016 5:43

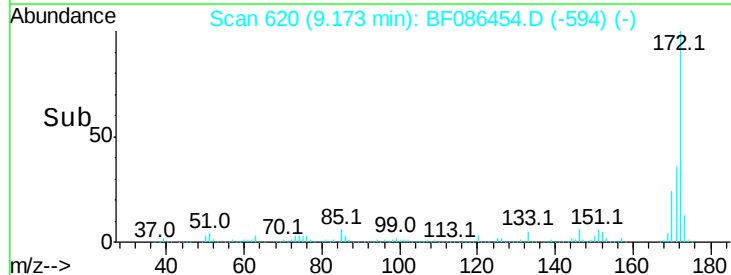
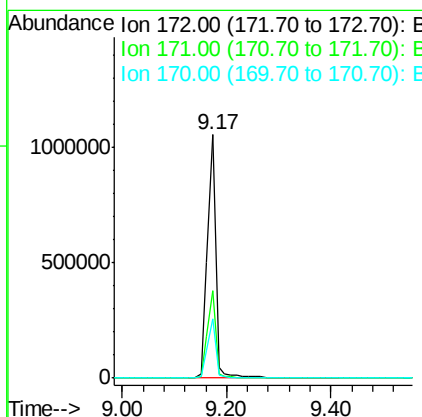
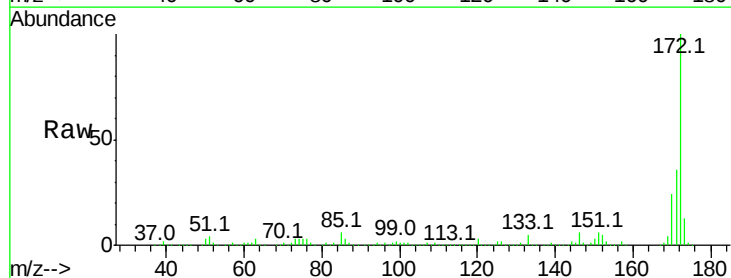
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB08(0.5-6.0)

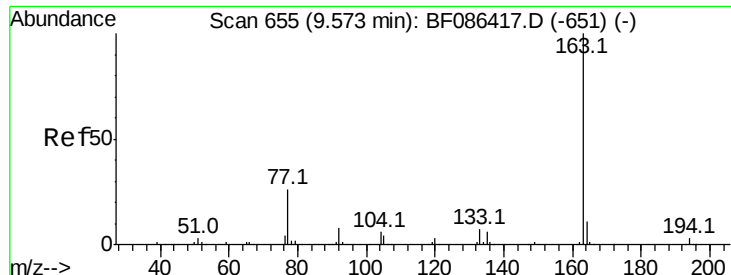
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	32.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 148.71 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086454.D
 Acq: 28 Apr 2016 5:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.2	19.8	29.8

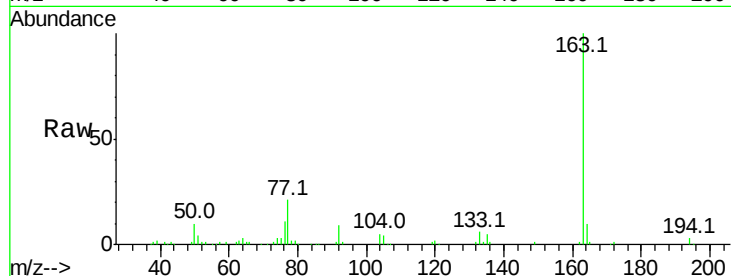




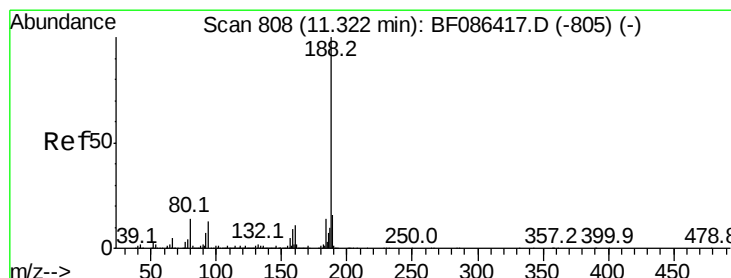
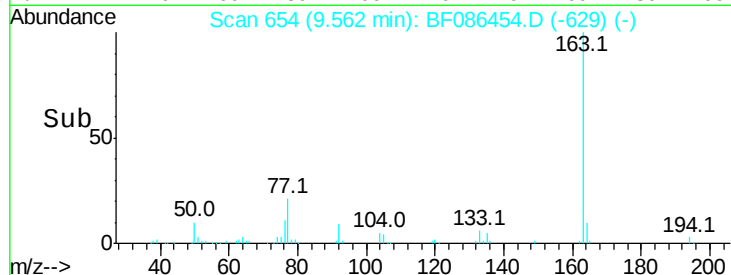
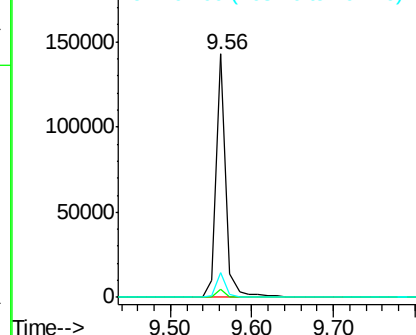
#49
Dimethylphthalate
Concen: 9.94 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086454.D
Acq: 28 Apr 2016 5:43

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB08(0.5-6.0)

Tot Ion:163 Resp: 121010
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.2 12.4

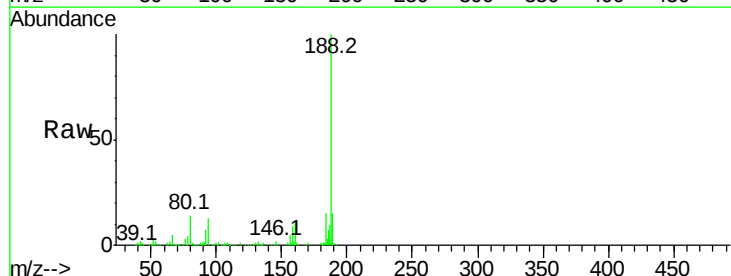


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

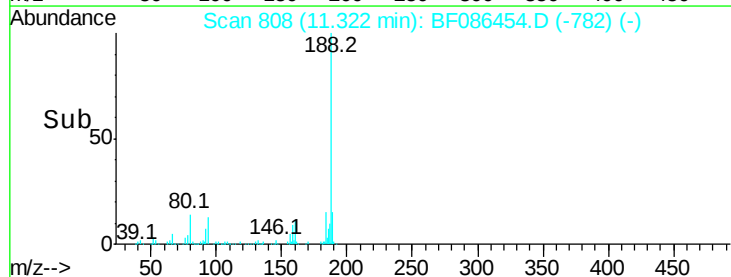
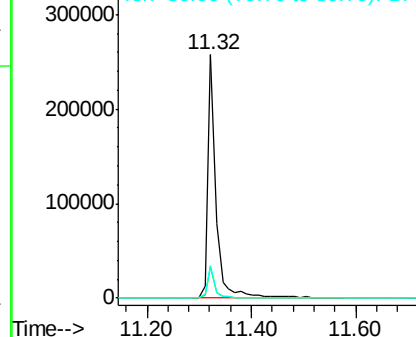


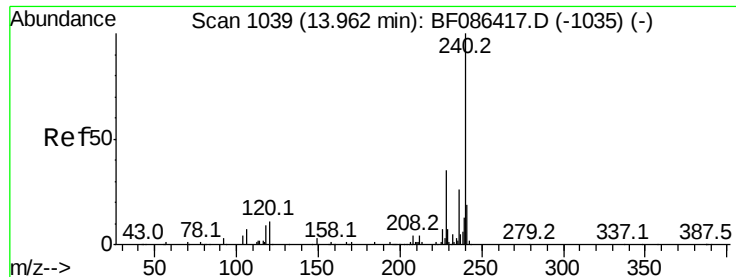
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086454.D
Acq: 28 Apr 2016 5:43

Tgt Ion:188 Resp: 286653
Ion Ratio Lower Upper
188 100
94 12.6 6.8 10.2#
80 13.6 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB08(0.5-6.0)

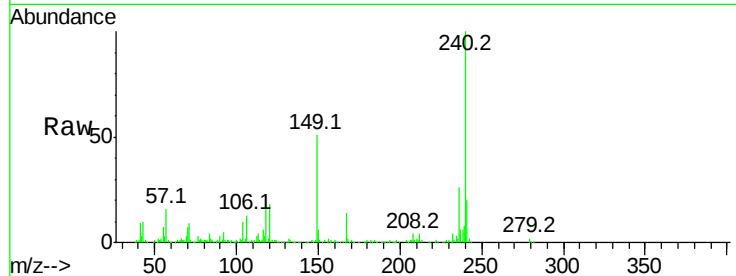
Tot Ion:240 Resp: 314311

Ion Ratio Lower Upper

240 100

120 17.6 11.2 16.8#

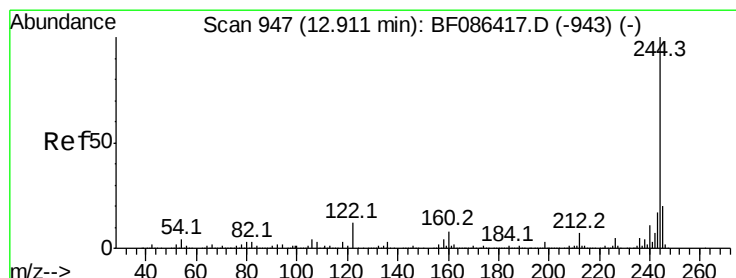
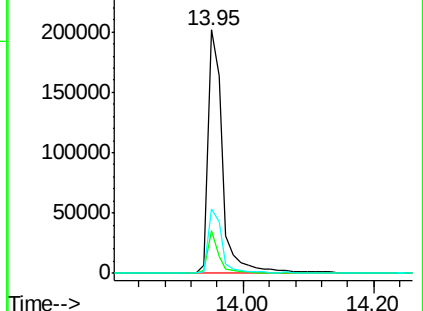
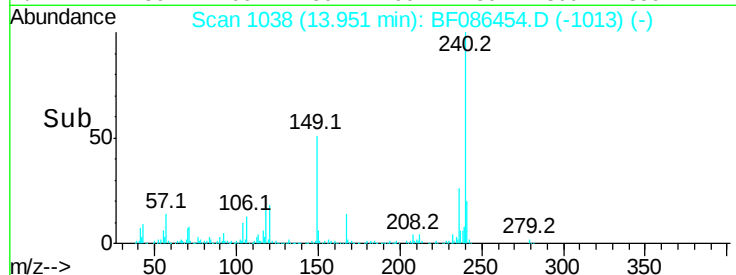
236 26.3 21.2 31.8



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: 65.40 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

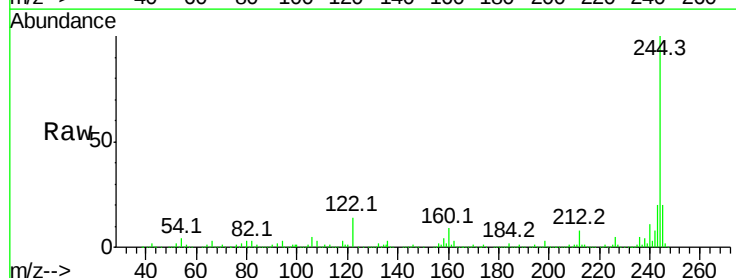
Tgt Ion:244 Resp: 933021

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

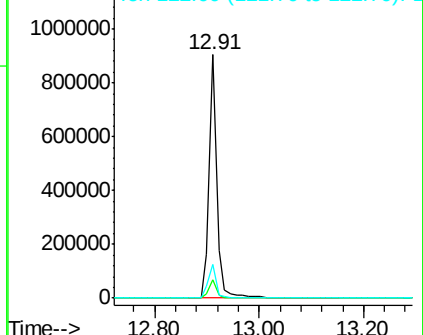
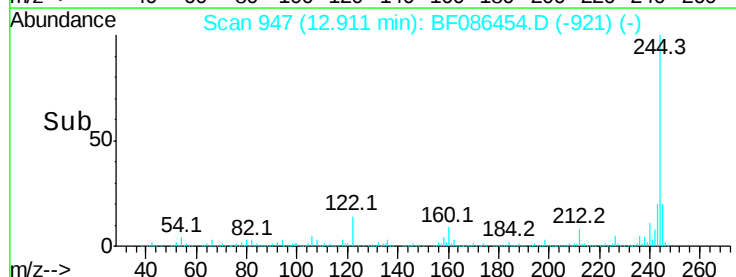
122 13.9 12.0 18.0

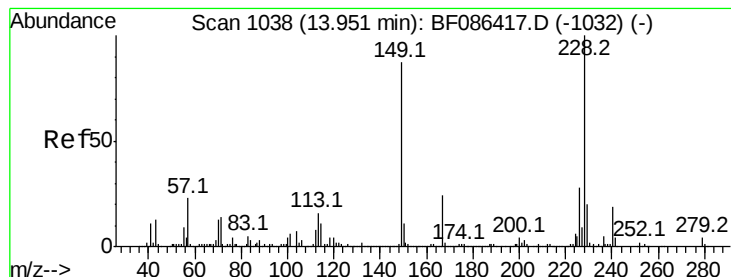


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.05 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

Instrument :

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RICHMOND-AMBOY-SB08(0.5-6.0)

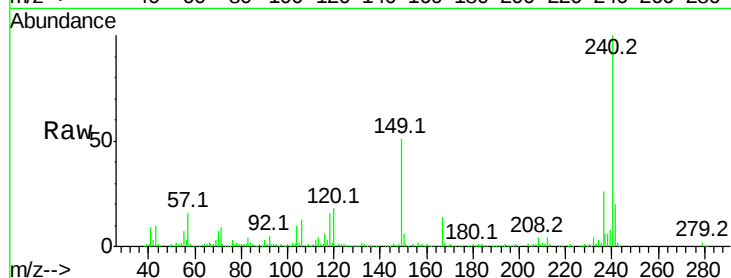
Tot Ion:149 Resp: 110228

Ion Ratio Lower Upper

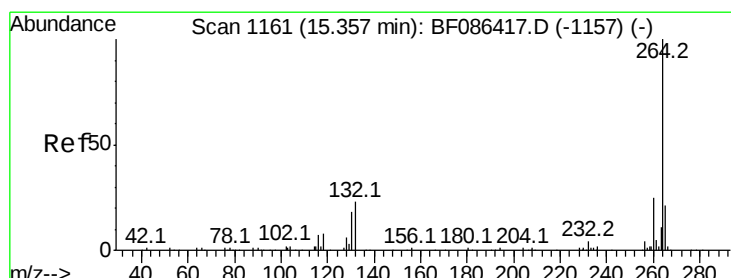
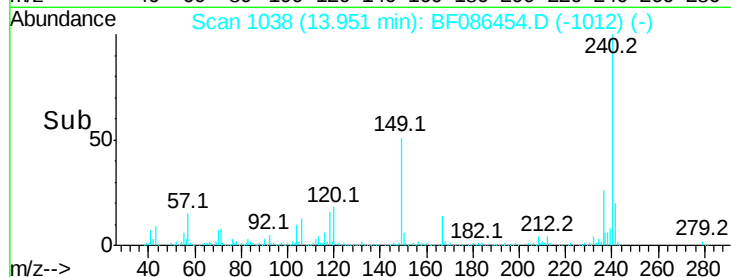
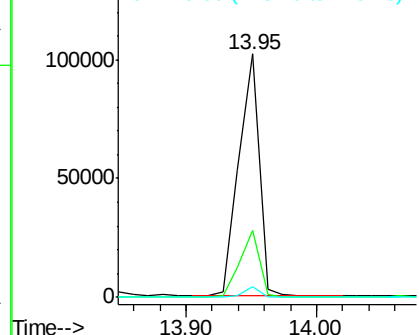
149 100

167 27.5 21.8 32.6

279 4.3 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF086454.D

Acq: 28 Apr 2016 5:43

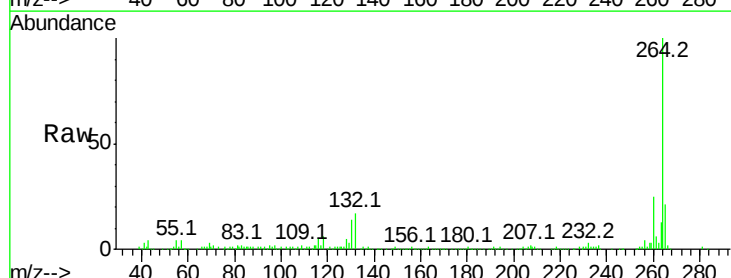
Tgt Ion:264 Resp: 223513

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.3 17.3 25.9



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

