

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086455.D
 Acq On : 28 Apr 2016 6:12
 Operator : UM/SJ
 Sample : H2707-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)

Quant Time: Apr 28 08:12:41 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

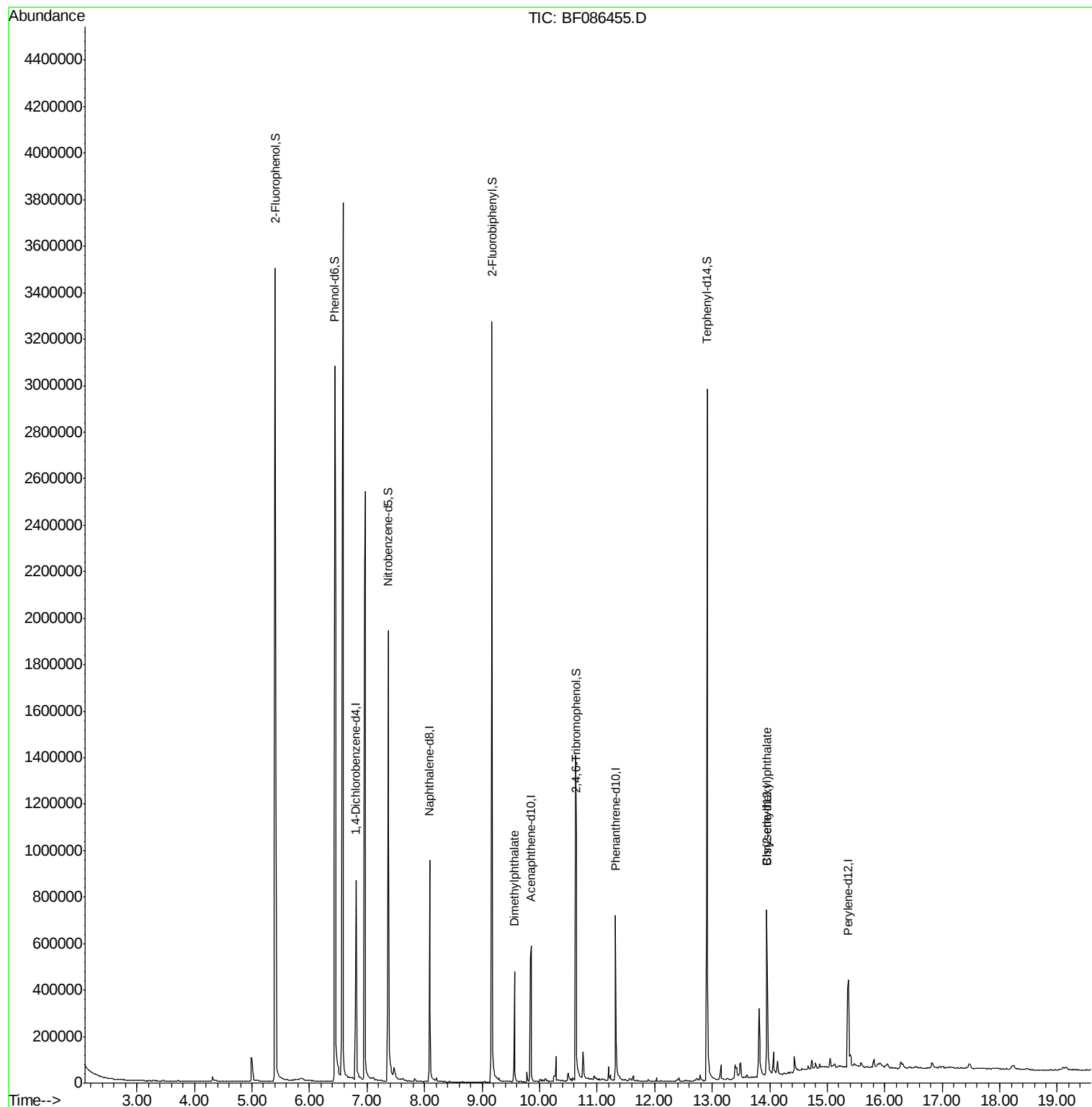
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133247	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	469218	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	167946	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	295069	20.00	ng	0.00
75) Chrysene-d12	13.95	240	317554	20.00	ng	-0.01
86) Perylene-d12	15.37	264	229010	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1088627	140.92	ng	0.01
7) Phenol-d6	6.44	99	1496299	138.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	851746	97.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	242726	137.05	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1262262	153.72	ng	0.00
78) Terphenyl-d14	12.91	244	950429	65.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	179380	14.19	ng	Qvalue 100
83) Bis(2-ethylhexyl)phthalate	13.95	149	29745	2.42	ng	# 98

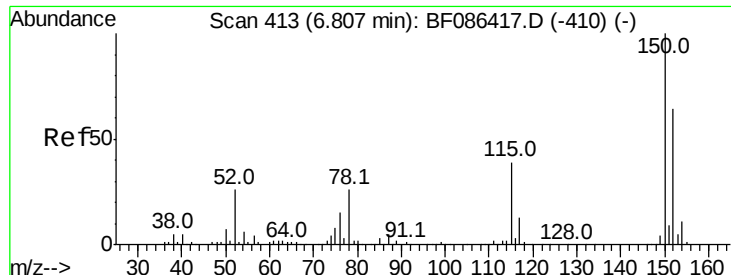
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086455.D

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Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)

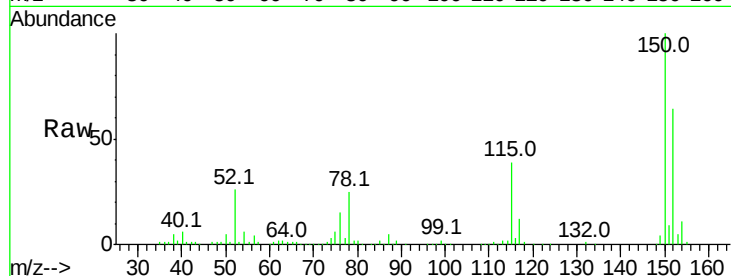
Tot Ion:152 Resp: 133247

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

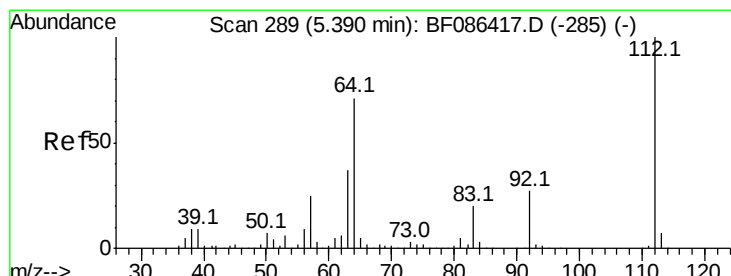
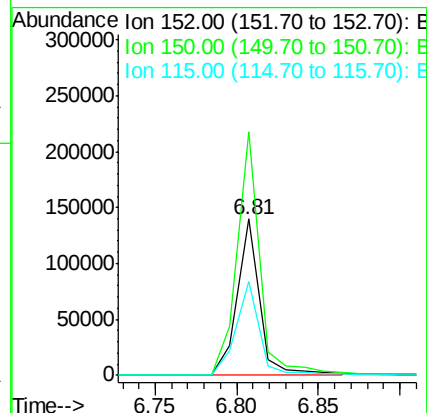
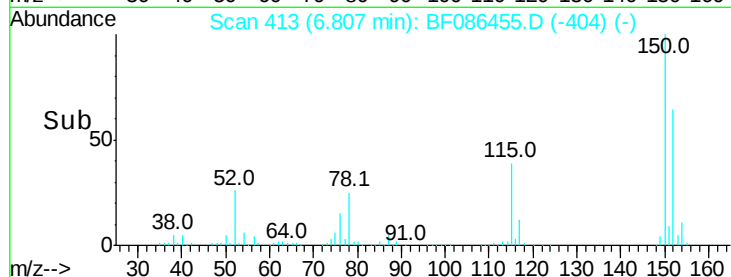
115 60.1 51.5 77.3



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: 140.92 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

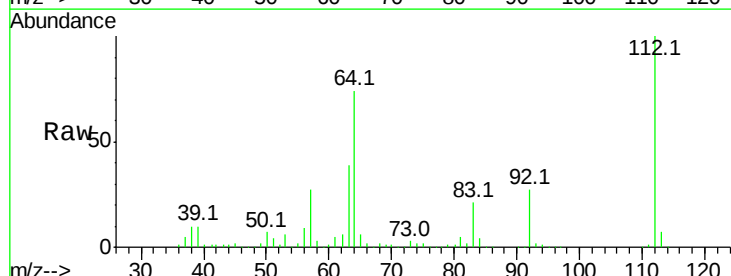
Tgt Ion:112 Resp: 1088627

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

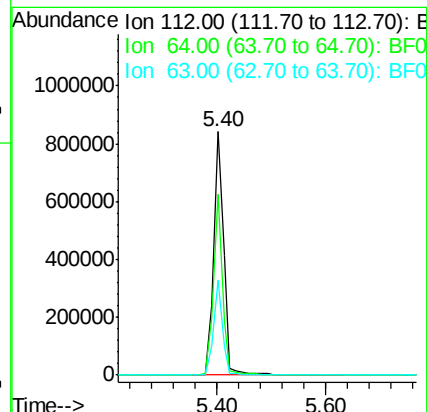
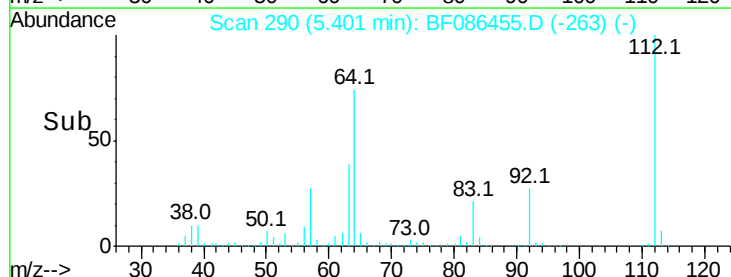
63 39.1 25.7 38.5

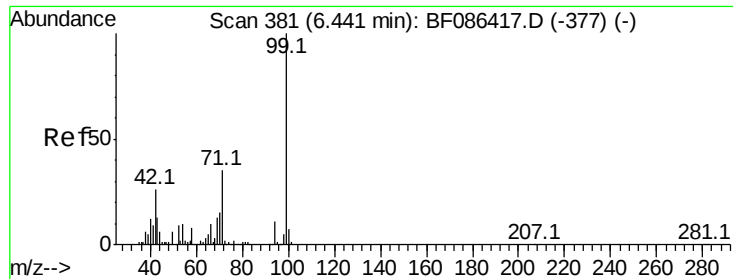


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.78 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Instrument :

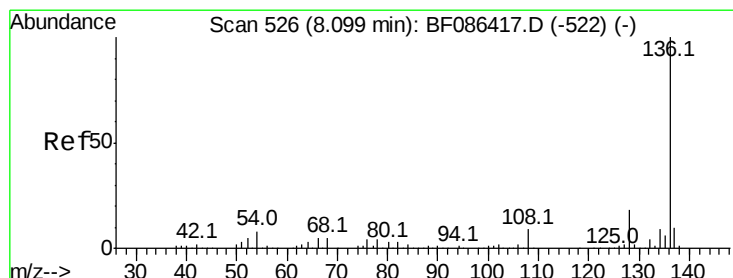
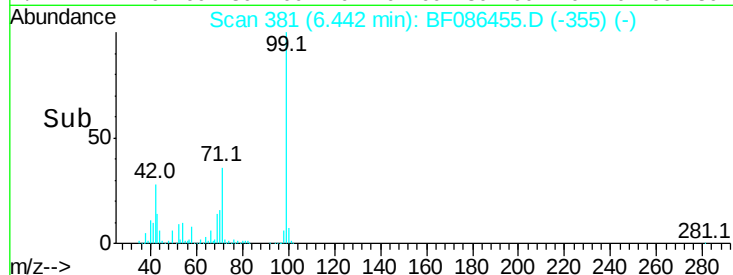
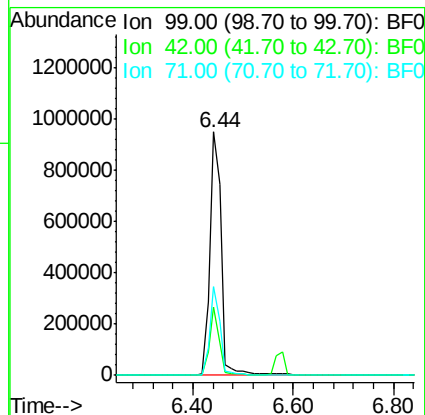
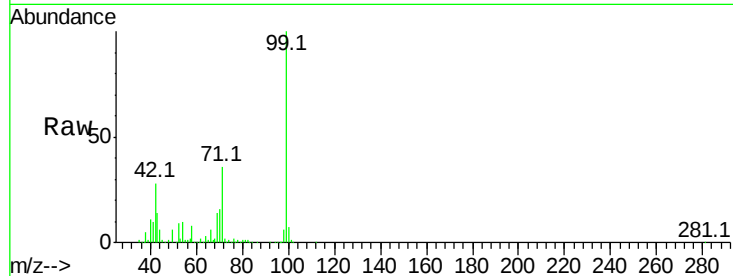
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)

Tot Ion: 99 Resp: 1496299

Ion	Ratio	Lower	Upper
99	100		
42	28.3	13.6	20.4#
71	36.5	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

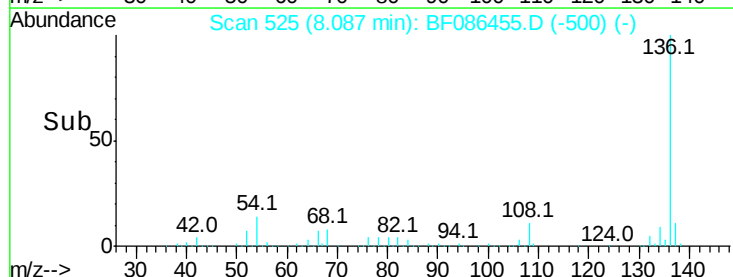
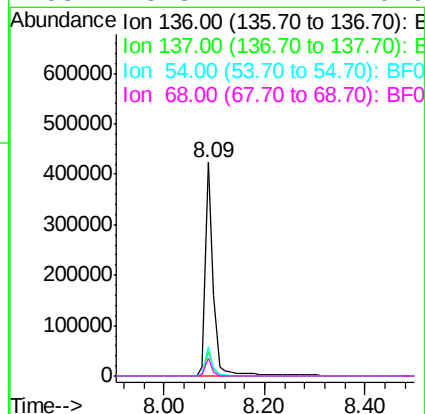
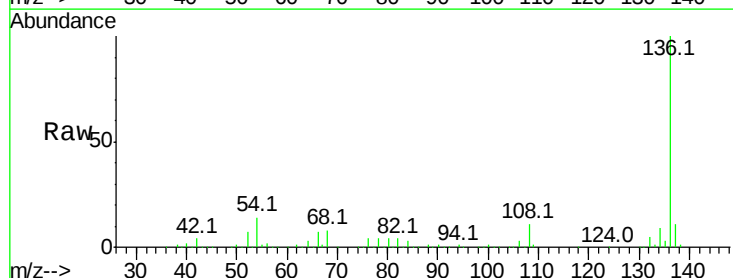
Delta R.T. -0.01 min

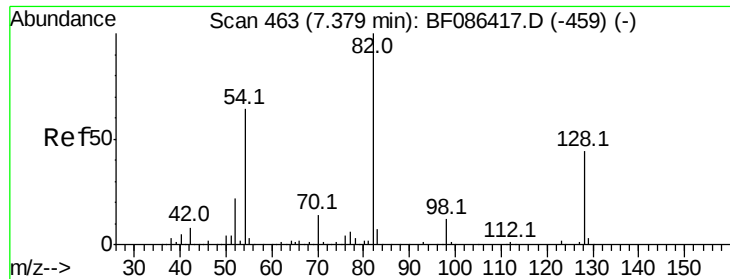
Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Tgt Ion: 136 Resp: 469218

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.8	5.0	7.4#
68	8.3	4.4	6.6#

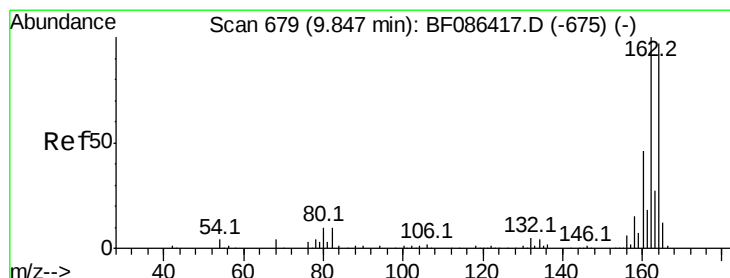
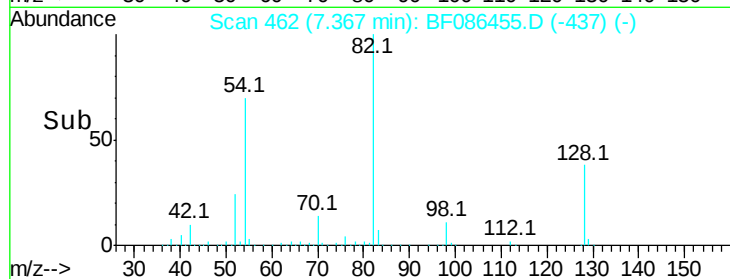
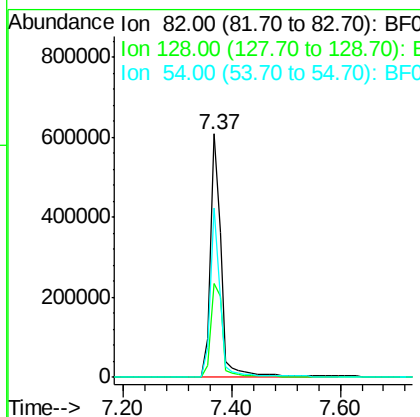
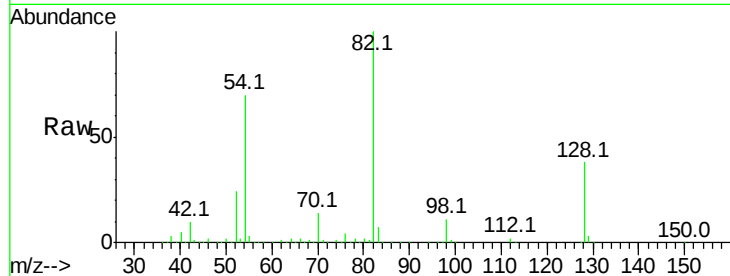




#23
 Nitrobenzene-d5
 Concen: 97.84 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

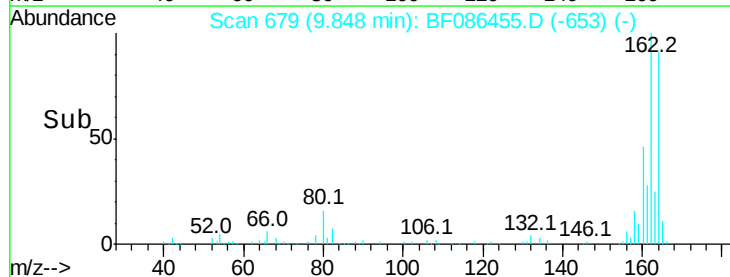
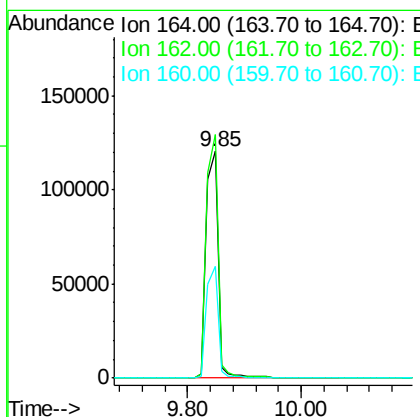
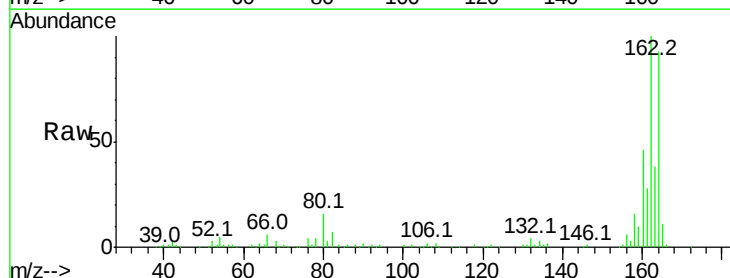
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)

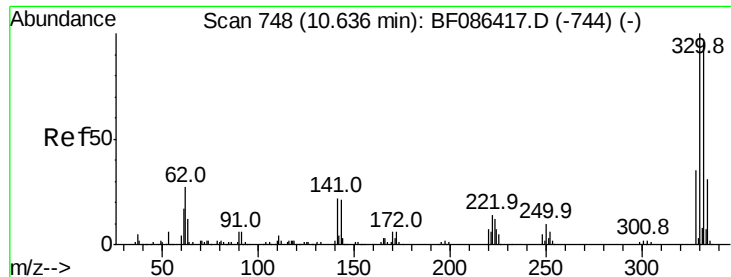
Tot Ion: 82 Resp: 851746
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 69.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

Tgt Ion:164 Resp: 167946
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.8 124.2
 160 49.1 36.9 55.3

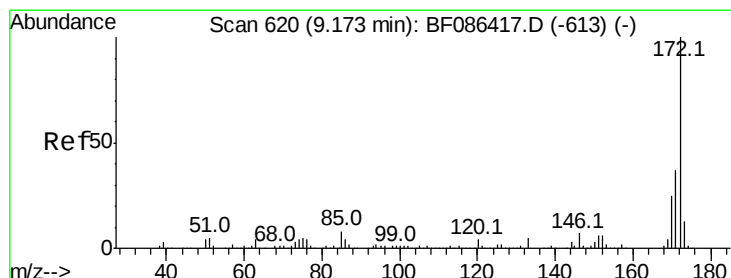
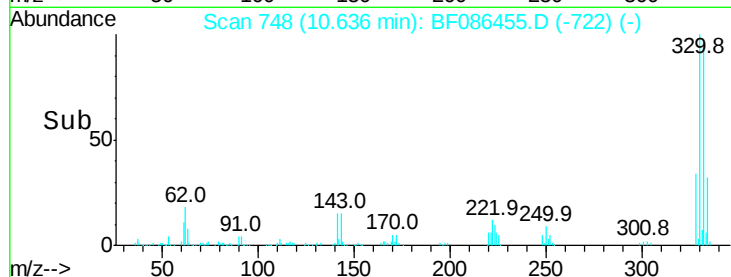
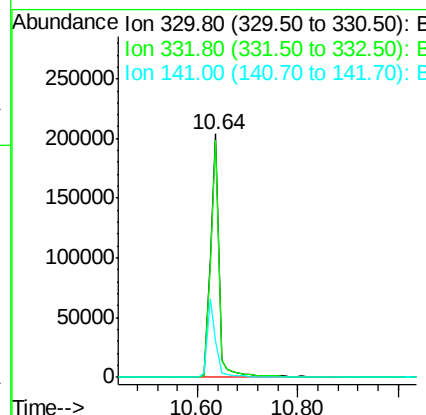
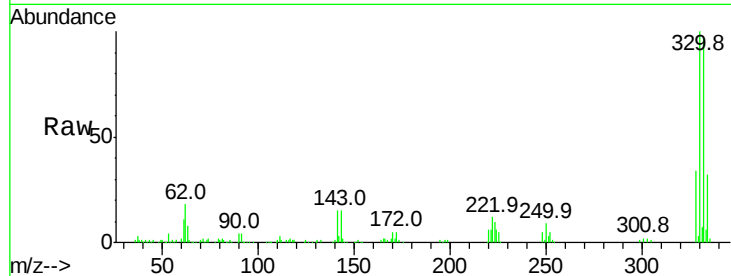




#41
 2,4,6-Tribromophenol
 Concen: 137.05 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

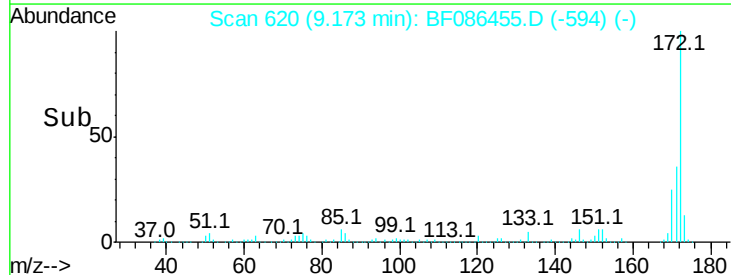
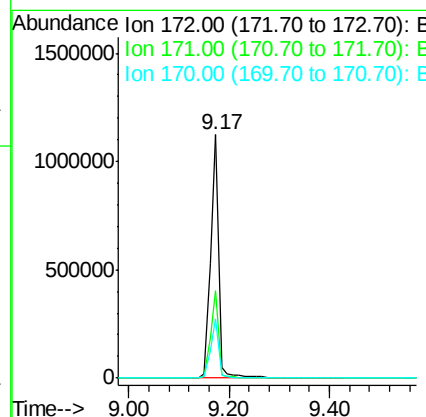
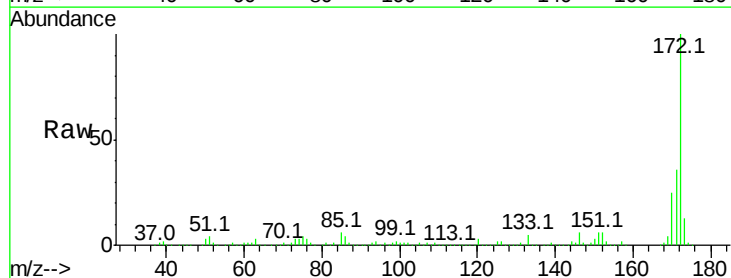
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)

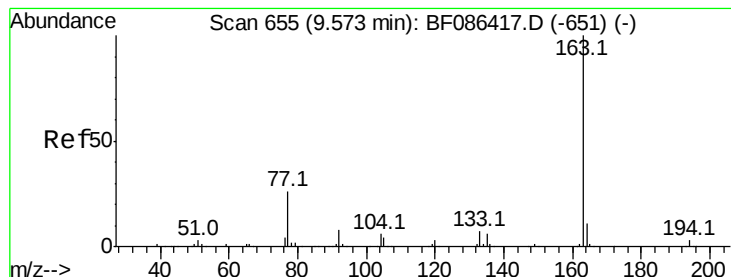
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	33.2	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 153.72 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 14.19 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)

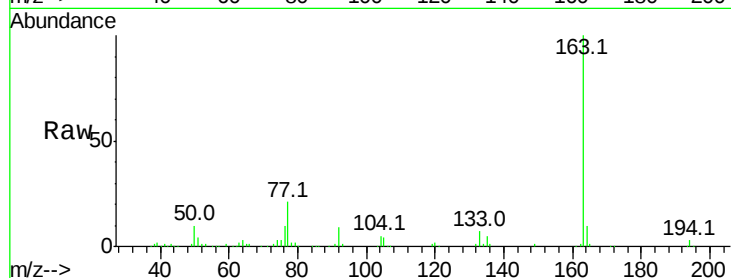
Tot Ion:163 Resp: 179380

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

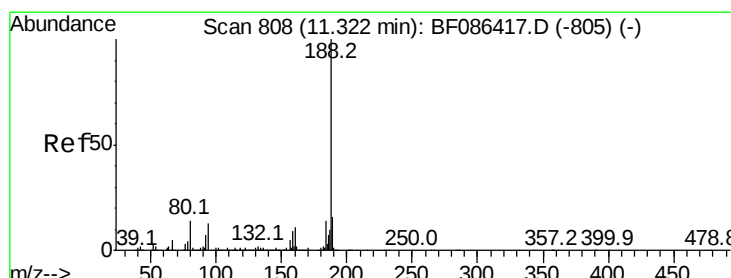
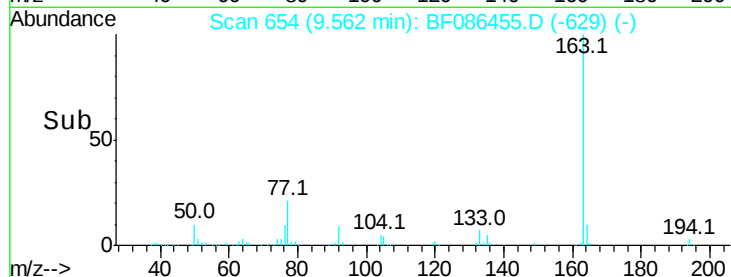
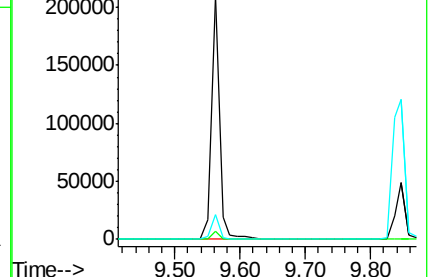
164 10.1 8.2 12.4



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: BF086455.D

Acq: 28 Apr 2016 6:12

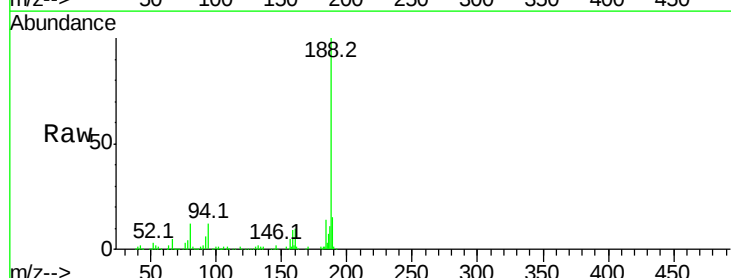
Tgt Ion:188 Resp: 295069

Ion Ratio Lower Upper

188 100

94 11.6 6.8 10.2#

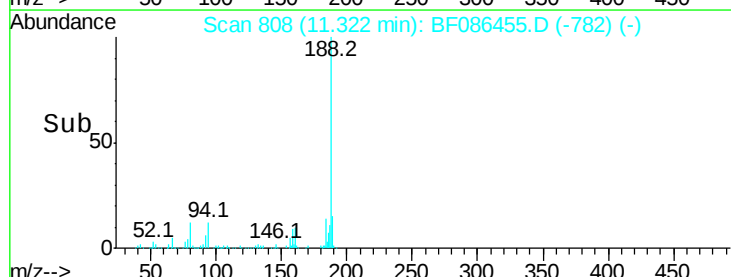
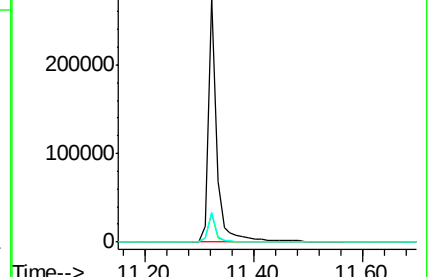
80 12.5 7.1 10.7#

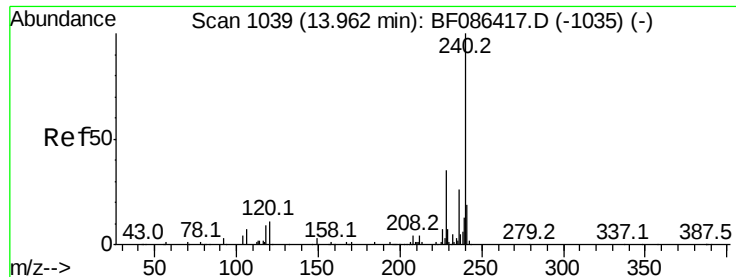


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086455.D

Acq: 28 Apr 2016 6:12

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RICHMOND-AMBOY-SB09(0.5-6.0)

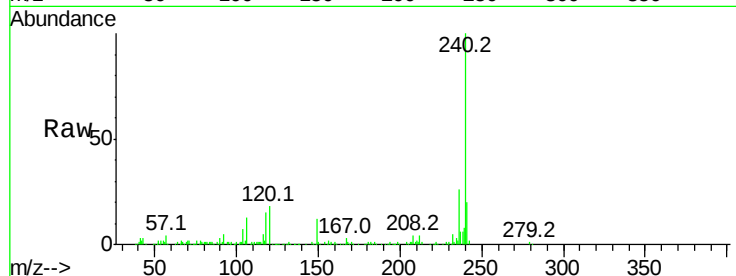
Tot Ion:240 Resp: 317554

Ion Ratio Lower Upper

240 100

120 18.2 11.2 16.8#

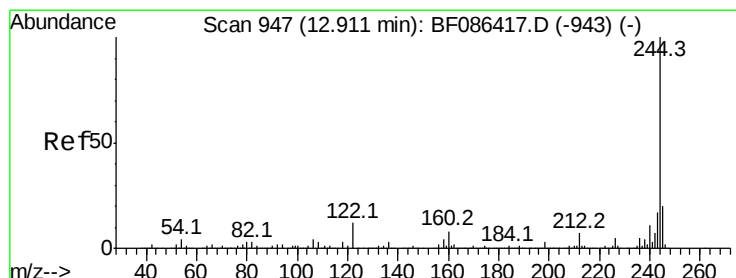
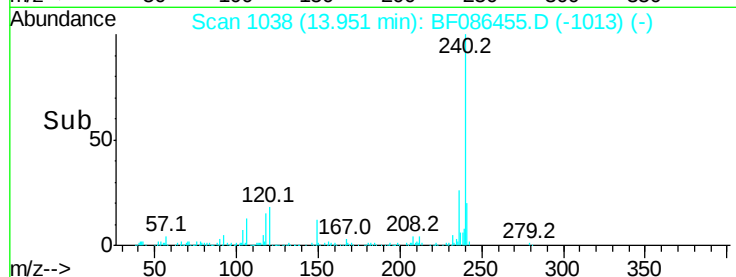
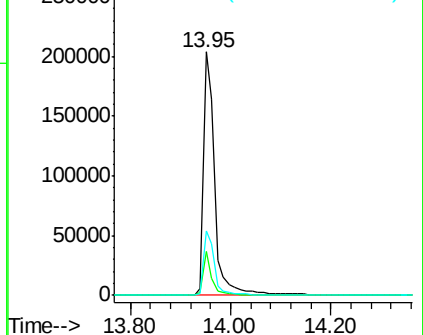
236 26.2 21.2 31.8



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: 65.94 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

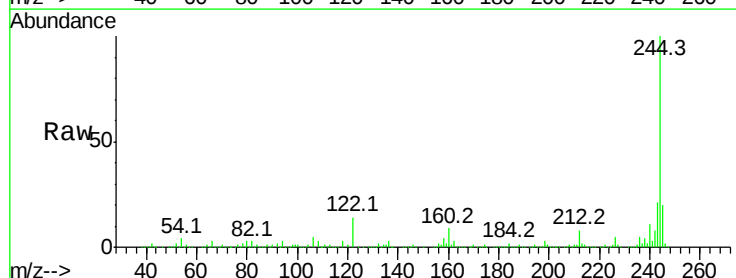
Tgt Ion:244 Resp: 950429

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

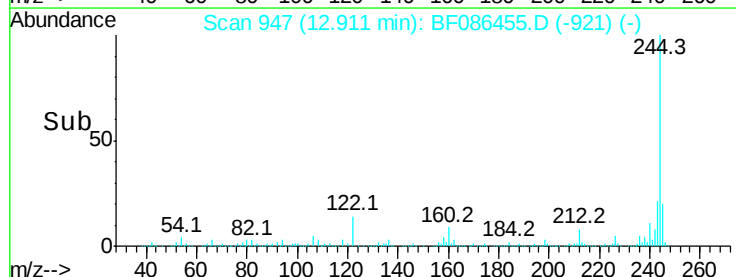
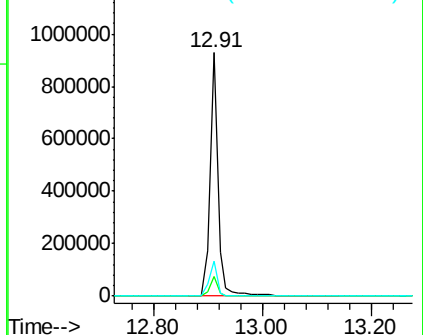
122 14.1 12.0 18.0

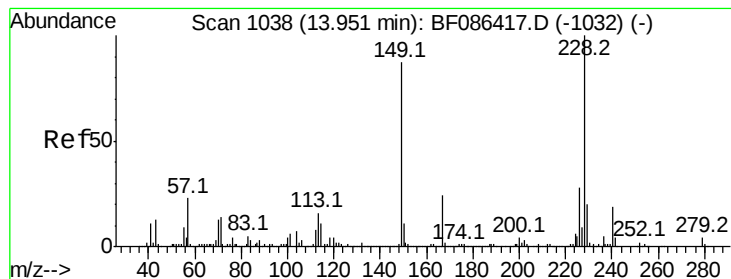


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.42 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Instrument :

BNA_F

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RICHMOND-AMBOY-SB09(0.5-6.0)

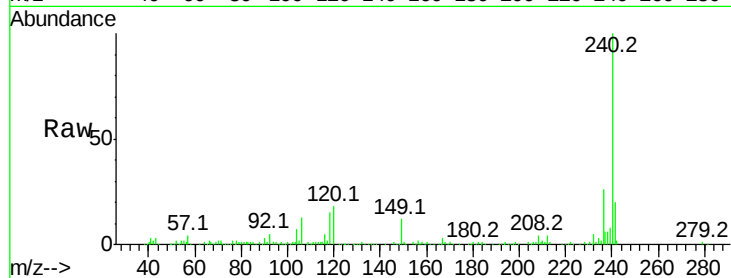
Tot Ion:149 Resp: 29745

Ion Ratio Lower Upper

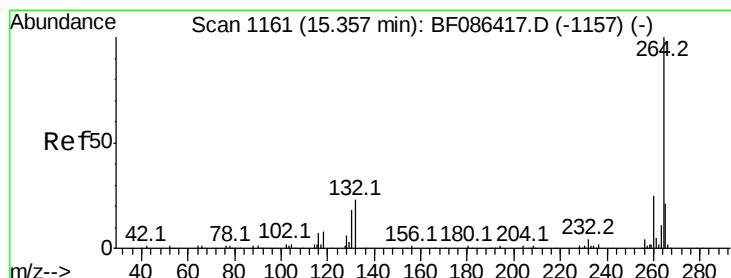
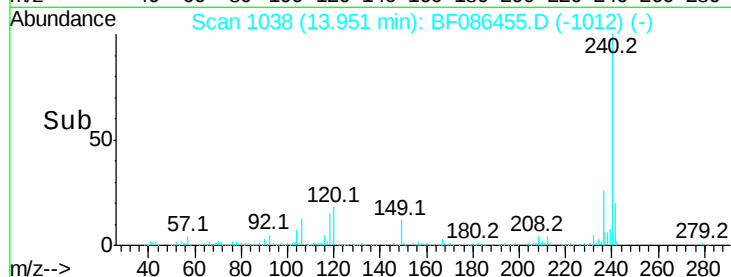
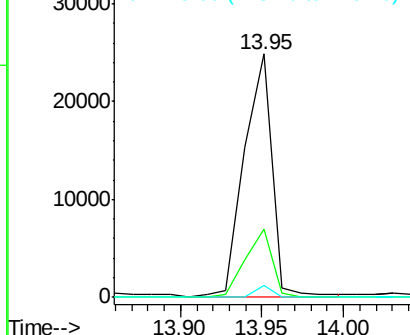
149 100

167 28.0 21.8 32.6

279 4.8 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: BF086455.D

Acq: 28 Apr 2016 6:12

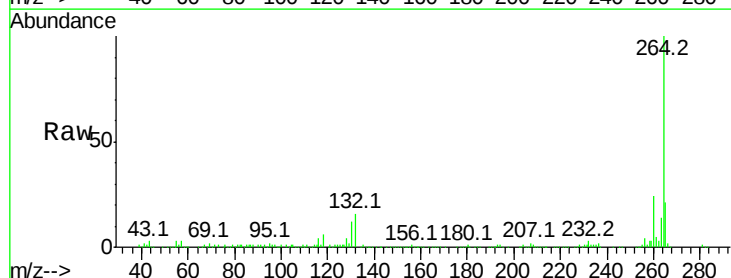
Tgt Ion:264 Resp: 229010

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.9 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

