

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075595.D
 Acq On : 16 Nov 2014 22:33
 Operator : TP / JJ
 Sample : F4742-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-021A-111214

Quant Time: Nov 17 06:07:13 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

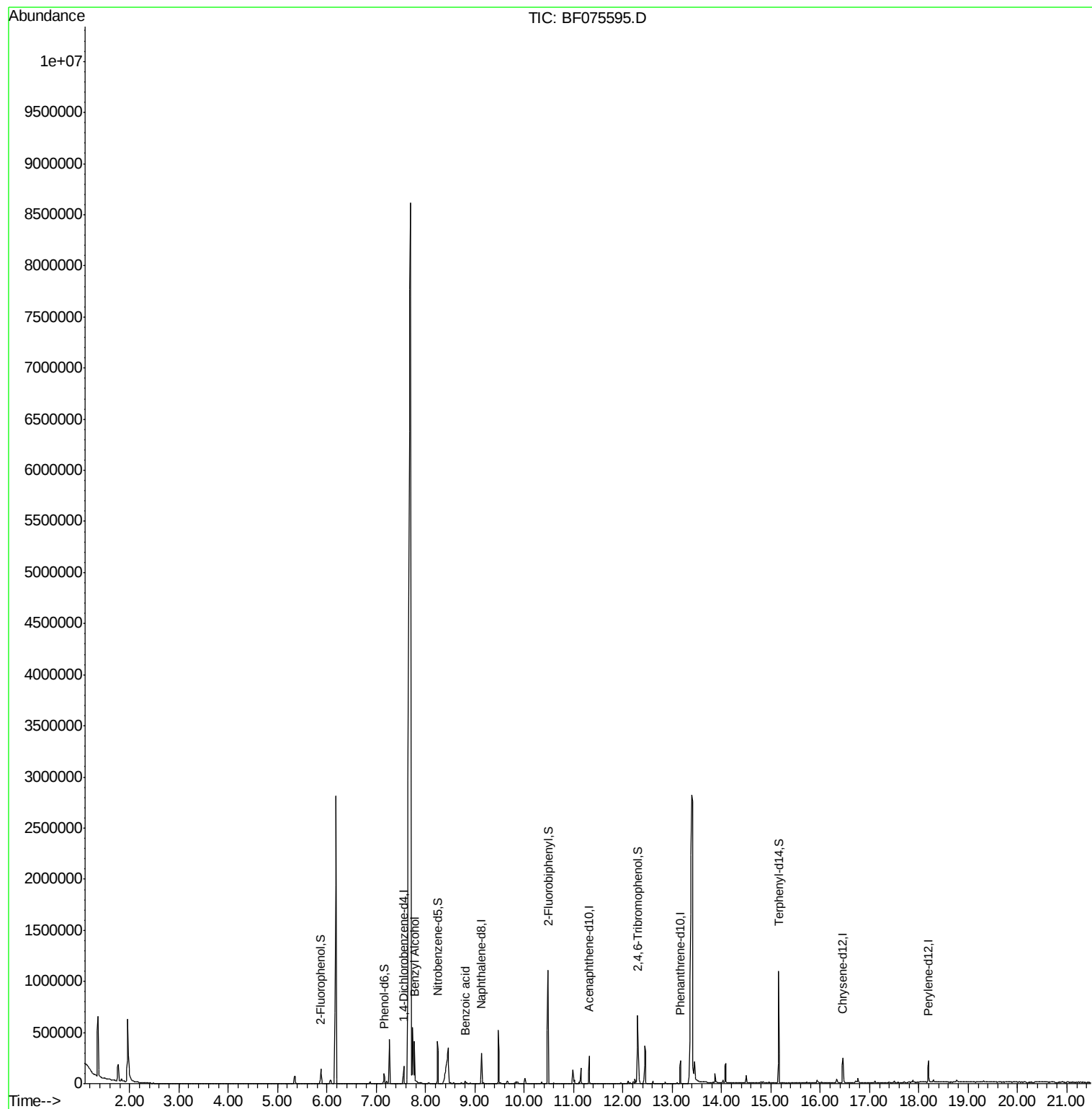
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	29770	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	128024	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	65418	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	115066	20.00	ng	0.00
75) Chrysene-d12	16.46	240	116726	20.00	ng	-0.01
86) Perylene-d12	18.20	264	112304	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	61961	36.77	ng	0.02
7) Phenol-d6	7.16	99	45087	22.25	ng	0.05
23) Nitrobenzene-d5	8.24	82	166631	95.42	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	85269	155.62	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	402810	111.26	ng	0.00
78) Terphenyl-d14	15.16	244	366588	84.55	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.77	79	61773	38.83	ng	96
32) Benzoic acid	8.80	122	7024	6.50	ng	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075595.D

Acq: 16 Nov 2014 22:33

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BNA_F

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DCW-WW-021A-111214

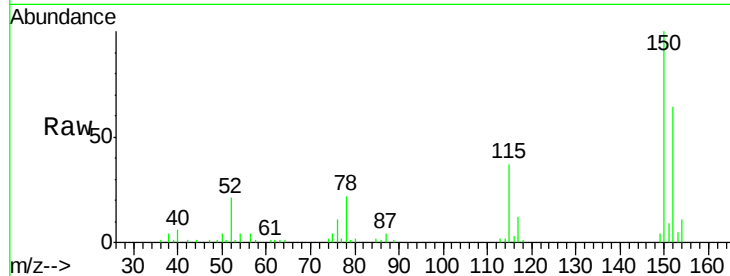
Tgt Ion:152 Resp: 29770

Ion Ratio Lower Upper

152 100

150 156.6 127.2 190.8

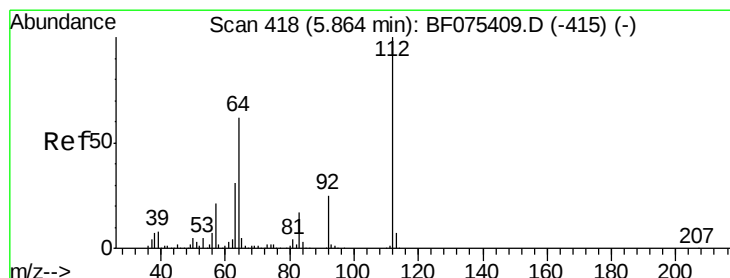
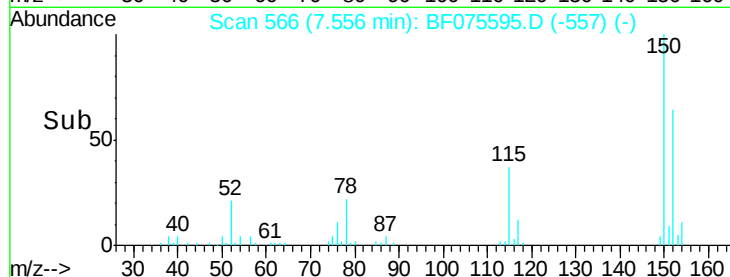
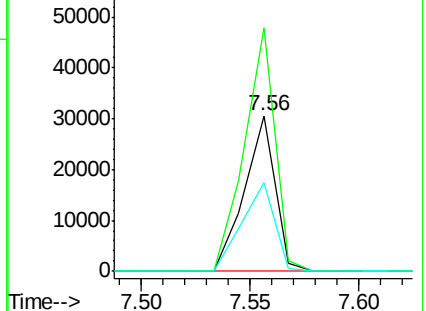
115 57.3 57.1 85.7



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: 36.77 ng

RT: 5.88 min Scan# 419

Delta R.T. 0.02 min

Lab File: BF075595.D

Acq: 16 Nov 2014 22:33

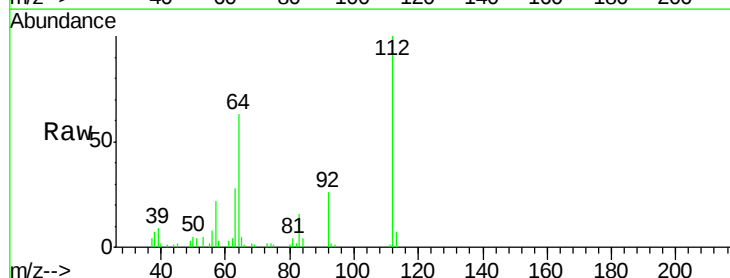
Tgt Ion:112 Resp: 61961

Ion Ratio Lower Upper

112 100

64 62.5 45.8 68.6

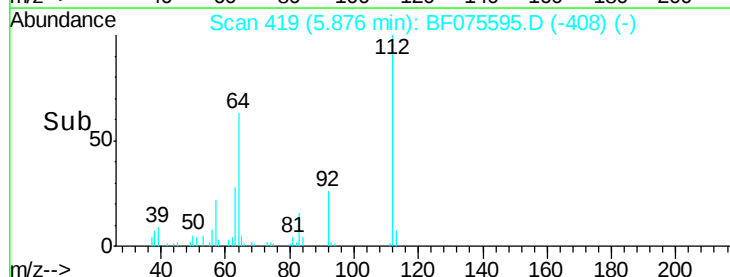
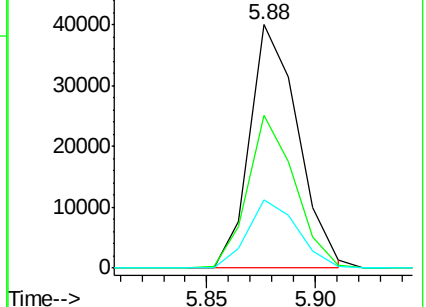
63 28.2 22.7 34.1

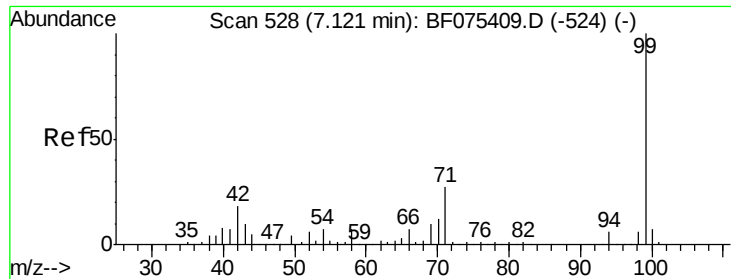


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.25 ng

RT: 7.16 min Scan# 531

Delta R.T. 0.05 min

Lab File: BF075595.D

Acq: 16 Nov 2014 22:33

Instrument :

BNA_F

ClientSampleId :

DCW-WW-021A-111214

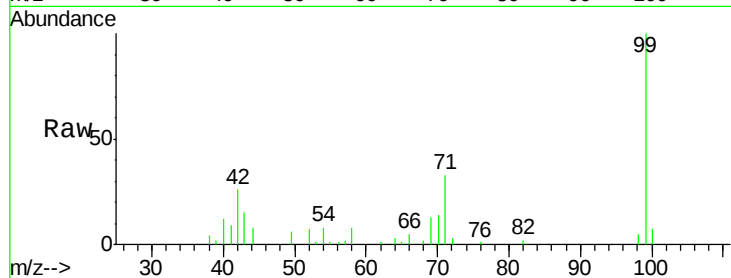
Tgt Ion: 99 Resp: 45087

Ion Ratio Lower Upper

99 100

42 25.9 19.8 29.6

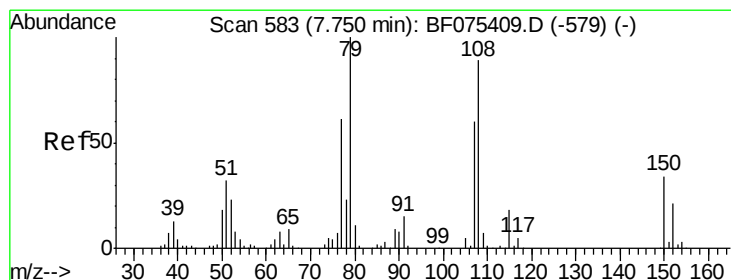
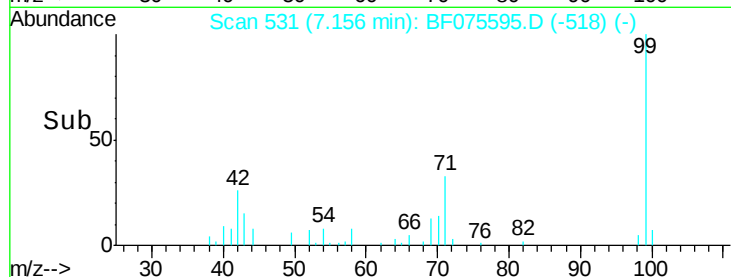
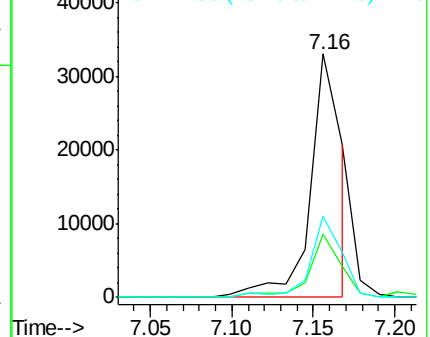
71 33.4 25.5 38.3



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



#15

Benzyl Alcohol

Concen: 38.83 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.05 min

Lab File: BF075595.D

Acq: 16 Nov 2014 22:33

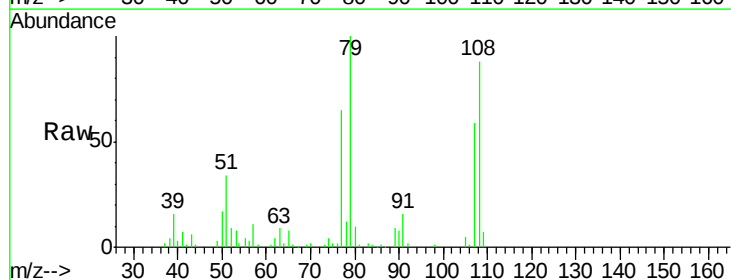
Tgt Ion: 79 Resp: 61773

Ion Ratio Lower Upper

79 100

108 87.8 75.5 113.3

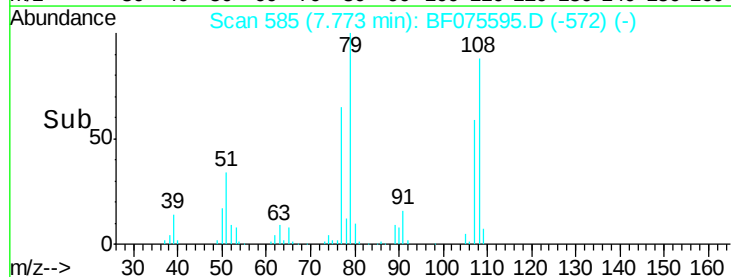
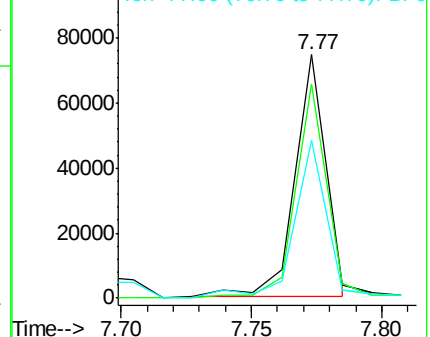
77 64.6 52.1 78.1

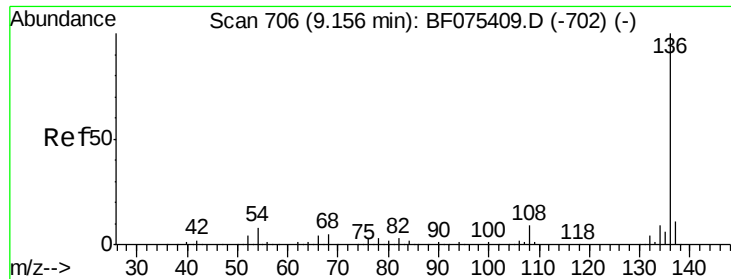


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

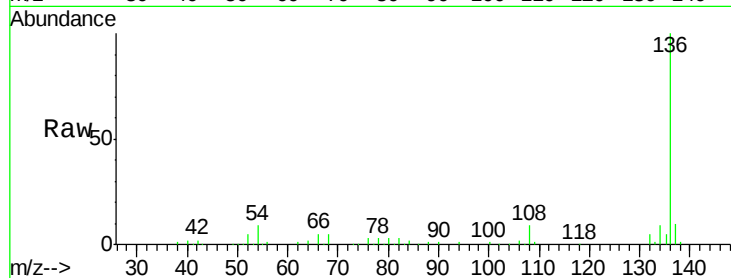




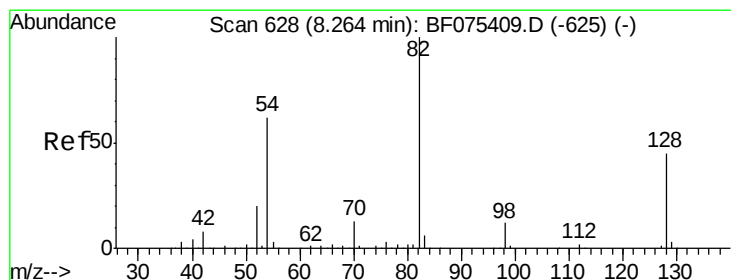
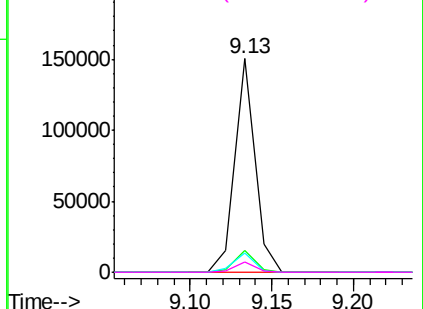
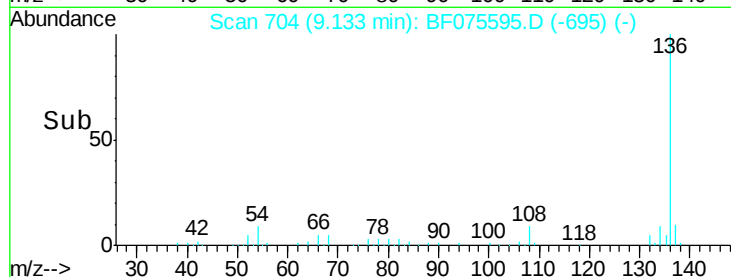
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075595.D
Acq: 16 Nov 2014 22:33

Instrument :
BNA_F
ClientSampleId :
DCW-WW-021A-111214

Tgt Ion:	136	Resp:	128024
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	9.1	6.2	9.4
68	4.6	3.4	5.2

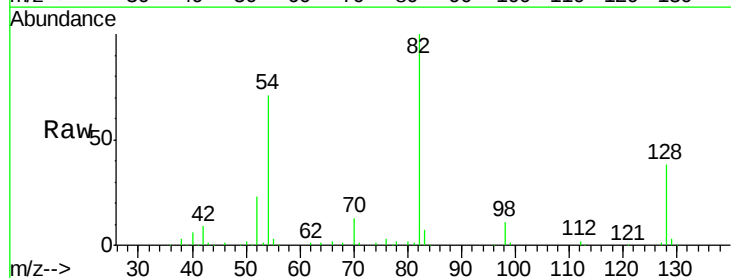


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

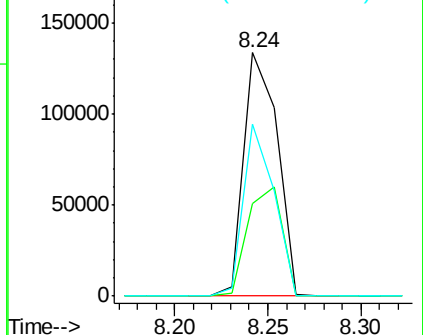
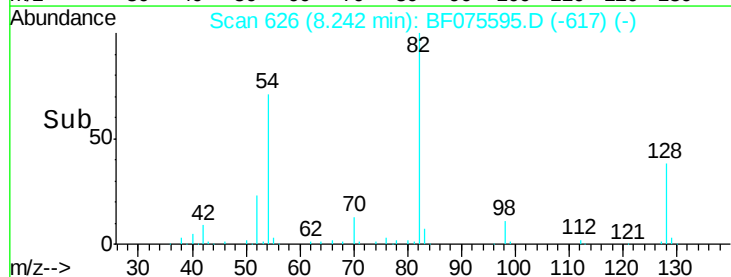


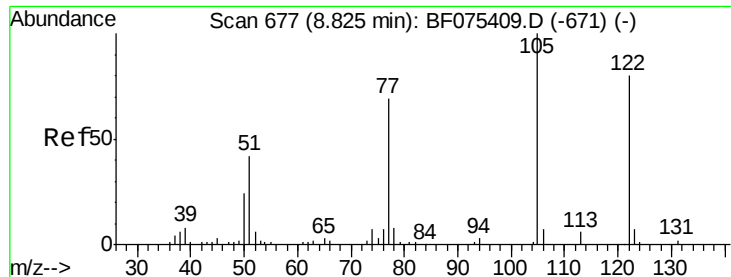
#23
Nitrobenzene-d5
Concen: 95.42 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075595.D
Acq: 16 Nov 2014 22:33

Tgt Ion:	82	Resp:	166631
Ion	Ratio	Lower	Upper
82	100		
128	38.2	37.8	56.6
54	70.5	49.8	74.8



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

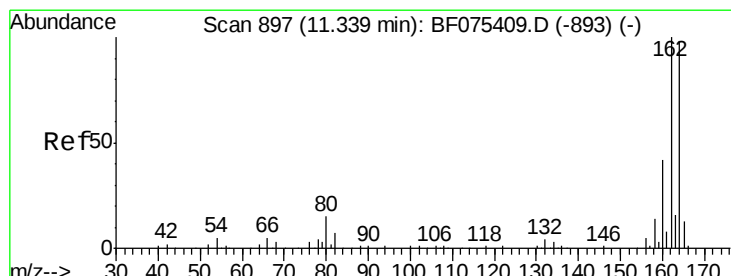
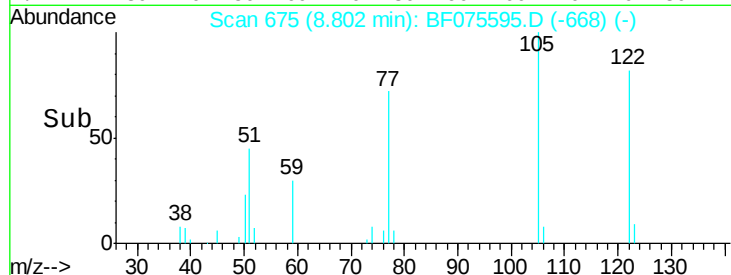
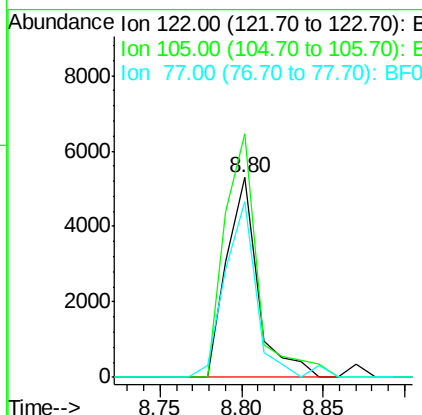
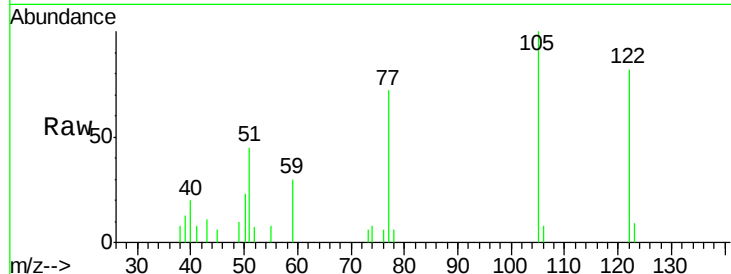




#32
Benzoic acid
Concen: 6.50 ng
RT: 8.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF075595.D
Acq: 16 Nov 2014 22:33

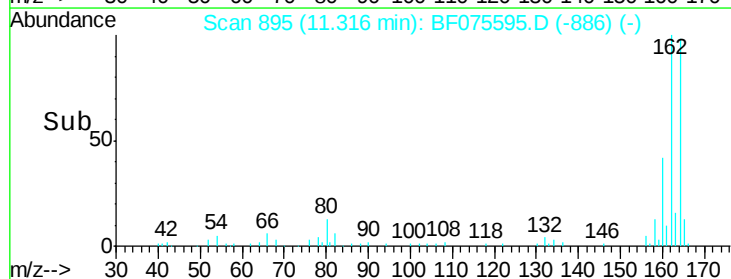
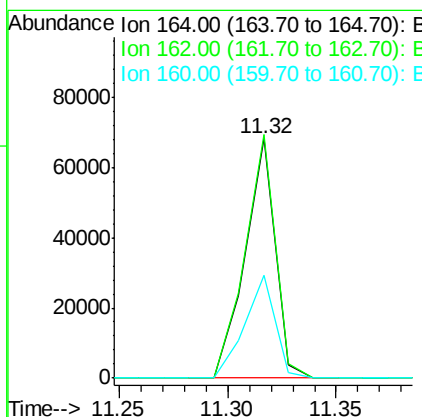
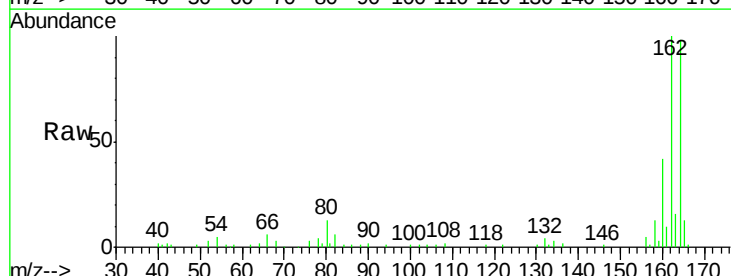
Instrument :
BNA_F
ClientSampleId :
DCW-WW-021A-111214

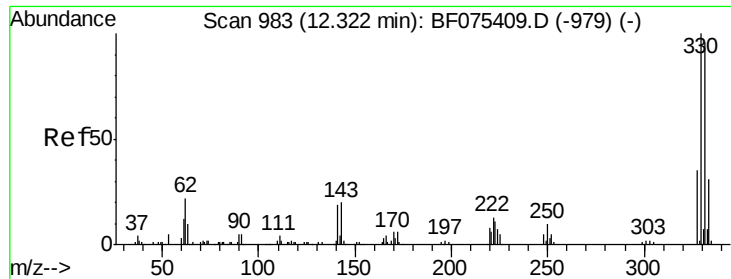
Tgt Ion:122 Resp: 7024
Ion Ratio Lower Upper
122 100
105 122.0 95.1 135.1
77 88.3 62.6 102.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075595.D
Acq: 16 Nov 2014 22:33

Tgt Ion:164 Resp: 65418
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 42.7 34.6 51.8

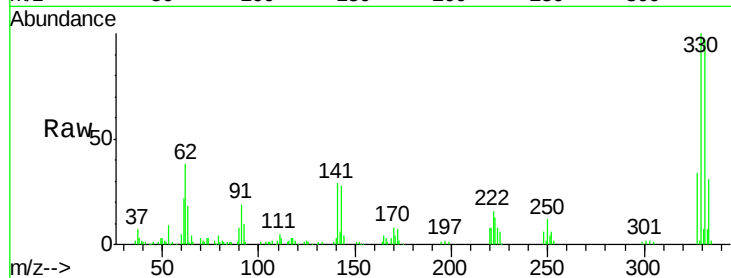




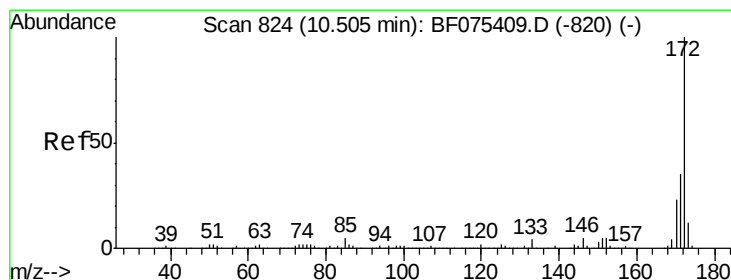
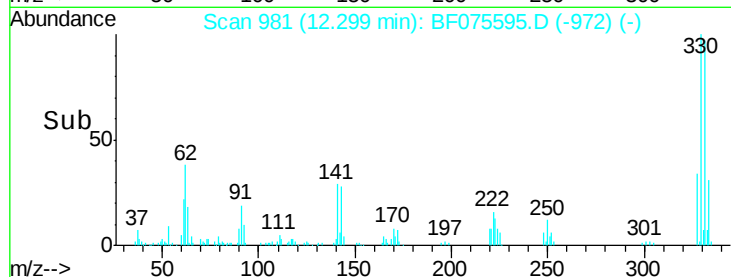
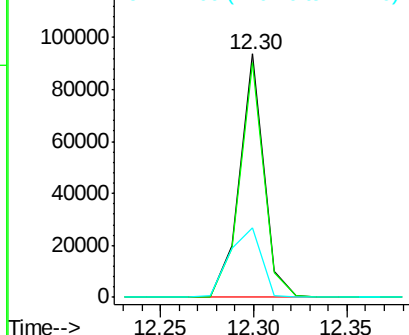
#41
 2,4,6-Tribromophenol
 Concen: 155.62 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075595.D
 Acq: 16 Nov 2014 22:33

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-021A-111214

Tgt Ion:330 Resp: 85269
 Ion Ratio Lower Upper
 330 100
 332 96.5 74.5 111.7
 141 37.9 30.7 46.1

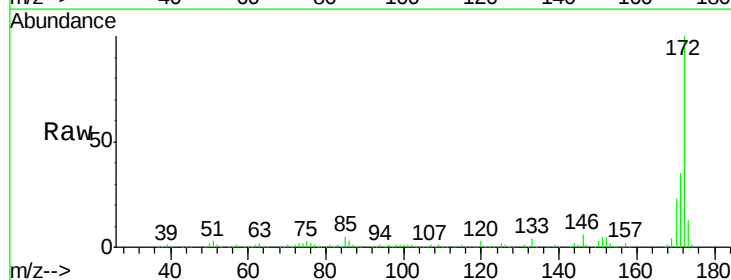


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

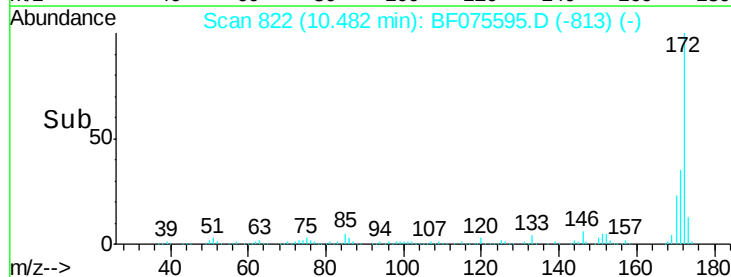
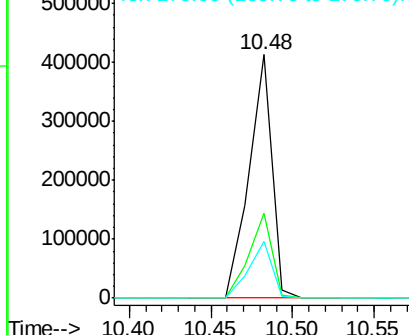


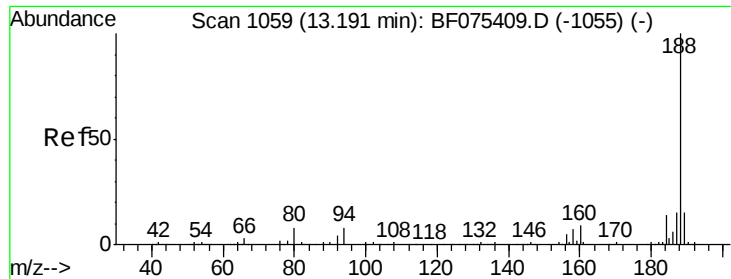
#44
 2-Fluorobiphenyl
 Concen: 111.26 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075595.D
 Acq: 16 Nov 2014 22:33

Tgt Ion:172 Resp: 402810
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.3 40.9
 170 23.2 18.4 27.6



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

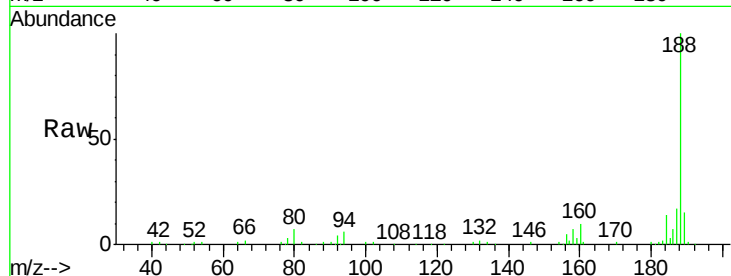




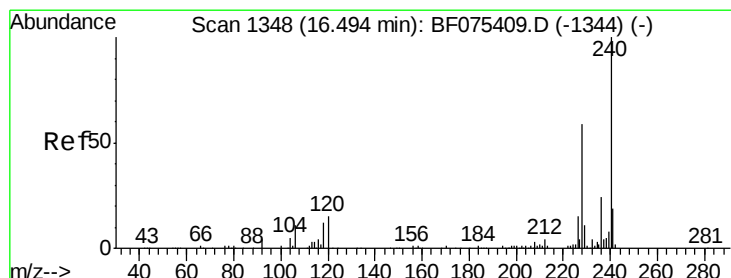
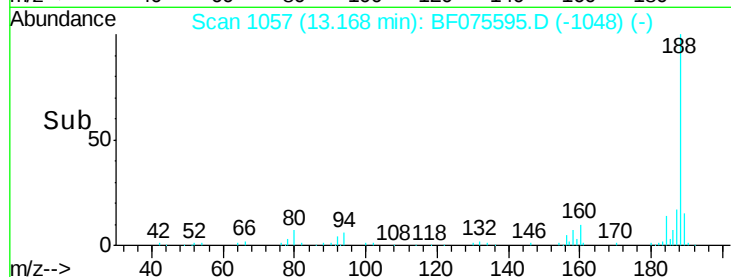
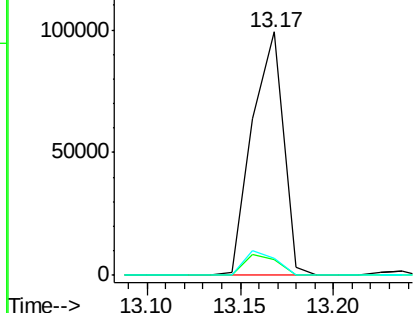
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075595.D
Acq: 16 Nov 2014 22:33

Instrument :
BNA_F
ClientSampleId :
DCW-WW-021A-111214

Tgt Ion:188 Resp: 115066
Ion Ratio Lower Upper
188 100
94 6.5 7.8 11.6#
80 6.8 8.0 12.0#

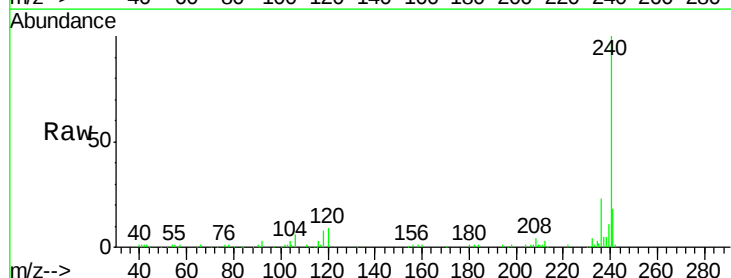


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

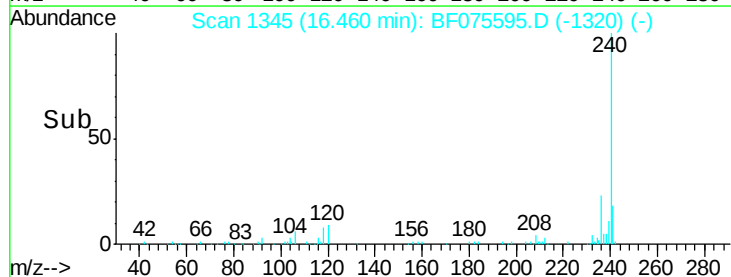
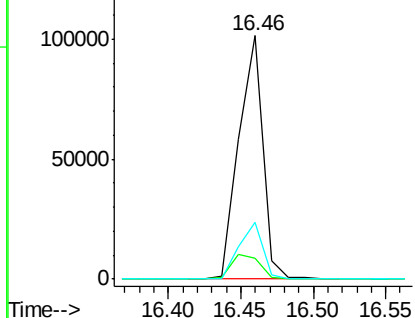


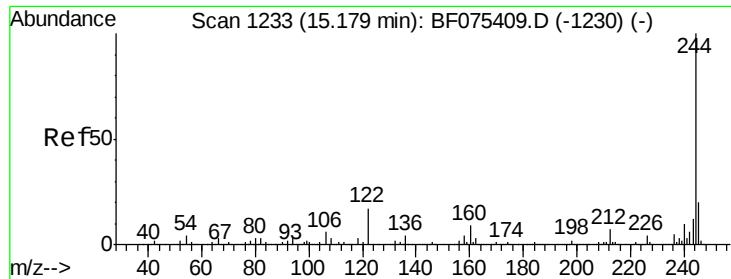
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075595.D
Acq: 16 Nov 2014 22:33

Tgt Ion:240 Resp: 116726
Ion Ratio Lower Upper
240 100
120 8.6 9.6 14.4#
236 23.5 18.9 28.3



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

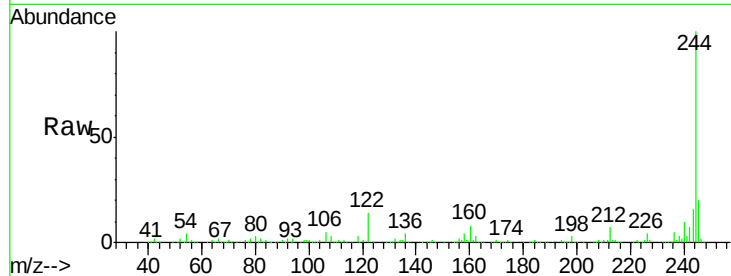




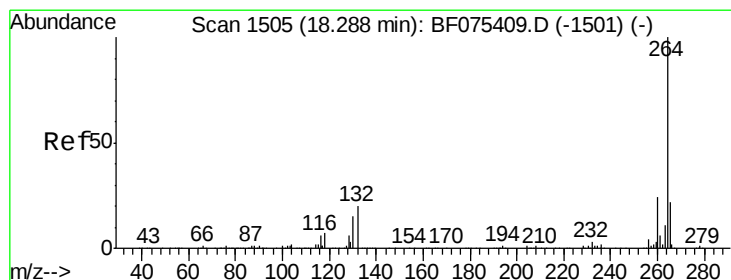
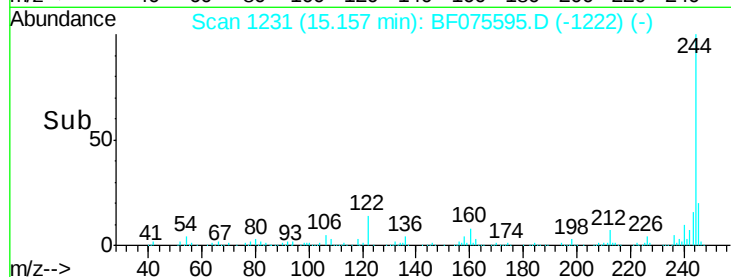
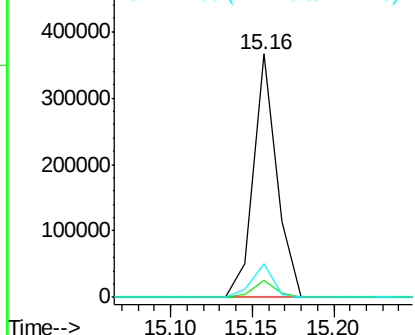
#78
 Terphenyl-d14
 Concen: 84.55 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075595.D
 Acq: 16 Nov 2014 22:33

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-021A-111214

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	14.0	9.7	14.5

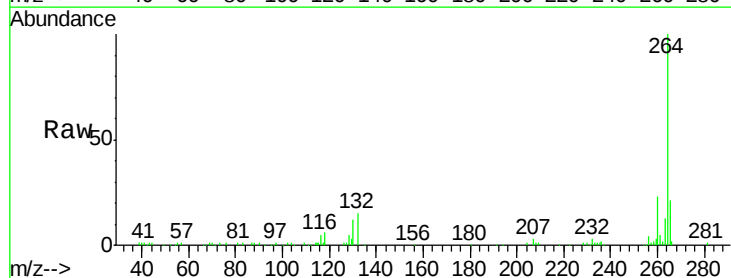


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.05 min
 Lab File: BF075595.D
 Acq: 16 Nov 2014 22:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.2	16.3	24.5



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

