

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
 Data File : BF084621.D
 Acq On : 27 Jan 2016 15:10
 Operator : SJ/IZ
 Sample : H1250-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-24

Quant Time: Jan 28 09:58:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

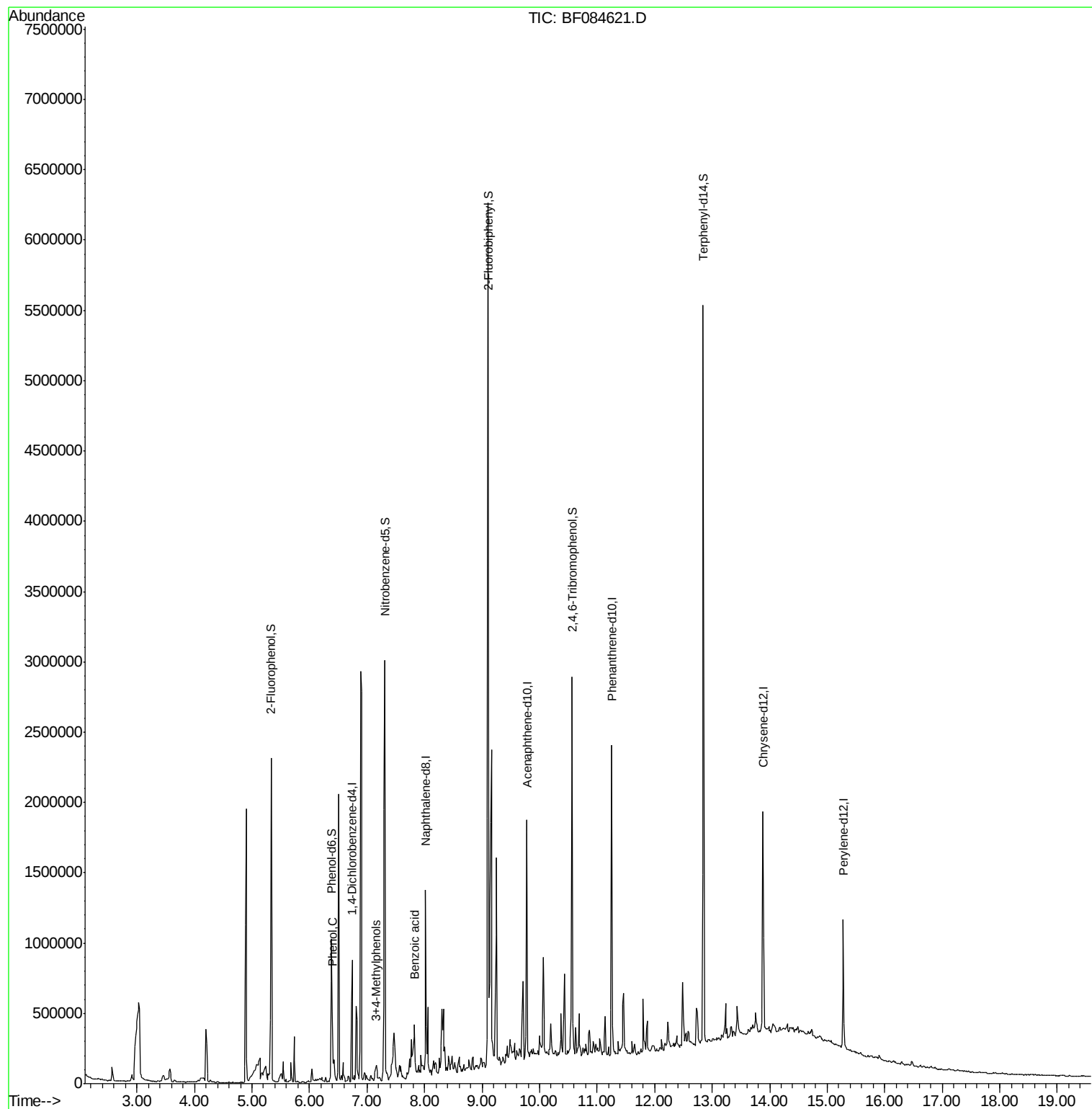
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157186	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	597040	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	379771	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	727012	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	585479	20.00	ng	-0.01
86) Perylene-d12	15.28	264	414246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	603290	62.08	ng	0.00
7) Phenol-d6	6.38	99	362033	29.66	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1182476	110.23	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	447948	116.83	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1729923	79.74	ng	0.00
78) Terphenyl-d14	12.84	244	2064679	78.72	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.40	94	128485	9.26	ng	84
20) 3+4-Methylphenols	7.16	107	26672	2.46	ng	87
32) Benzoic acid	7.82	122	160175	27.86	ng	92

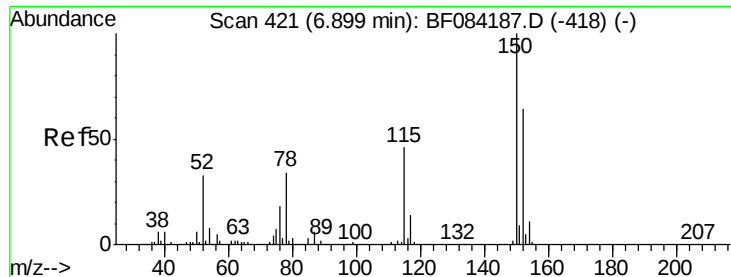
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jan 28 09:58:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

Instrument :

BNA_F

ClientSampleId :

TEC-24

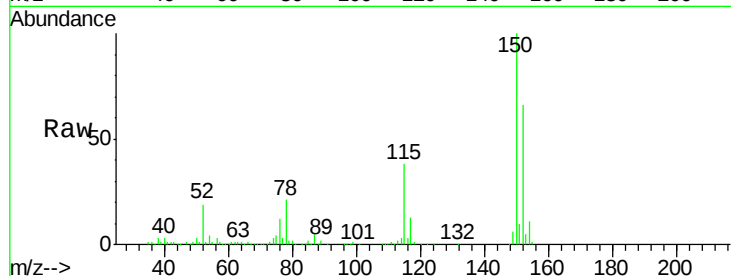
Tgt Ion:152 Resp: 157186

Ion Ratio Lower Upper

152 100

150 152.1 123.0 184.4

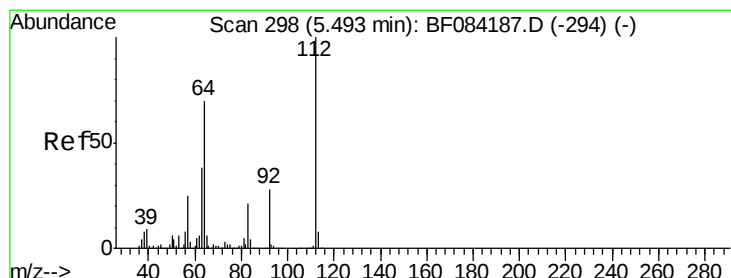
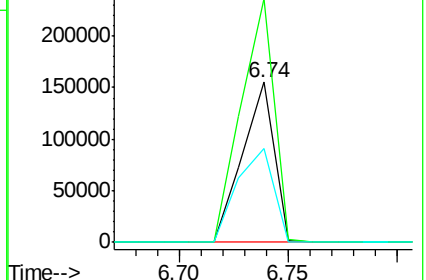
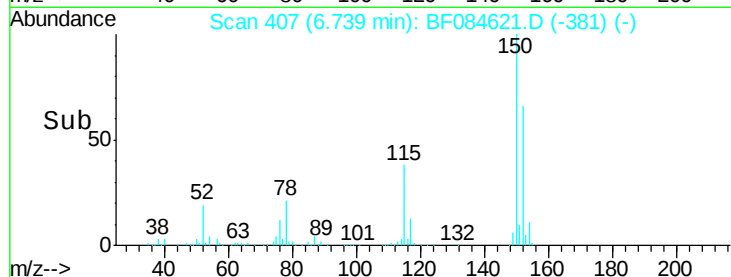
115 58.4 51.4 77.2



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: 62.08 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

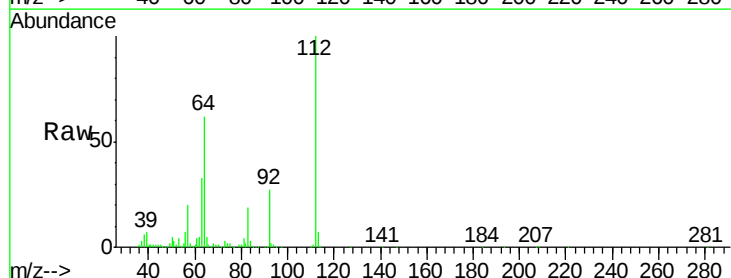
Tgt Ion:112 Resp: 603290

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

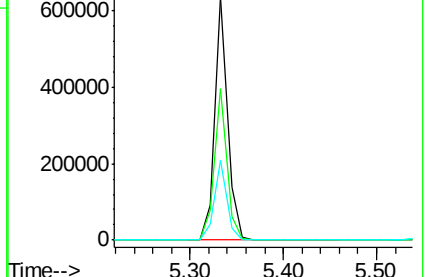
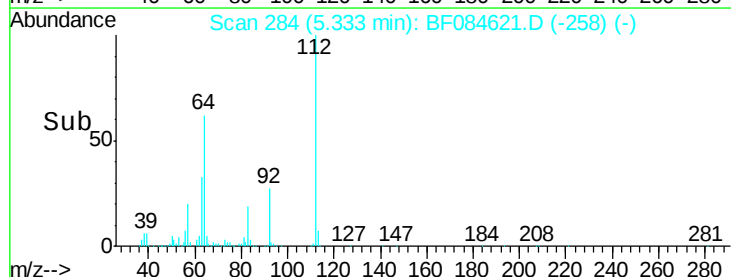
63 32.7 19.4 29.0#

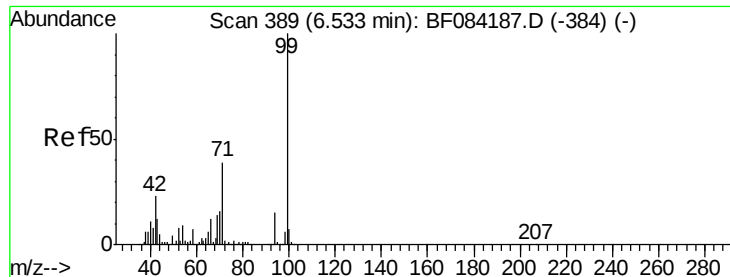


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.66 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

Instrument :

BNA_F

ClientSampleId :

TEC-24

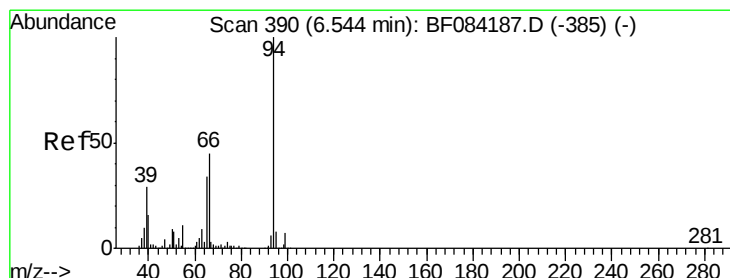
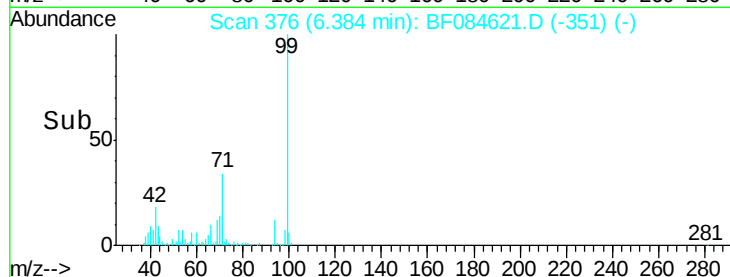
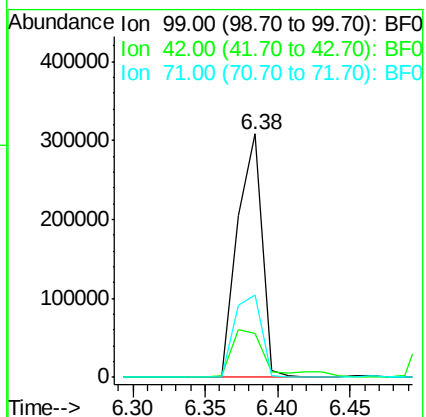
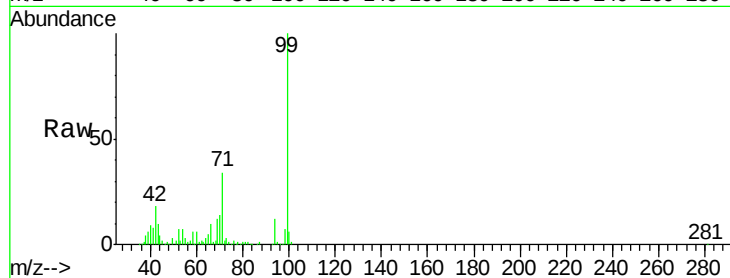
Tgt Ion: 99 Resp: 362033

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

71 33.9 30.9 46.3



#10

Phenol

Concen: 9.26 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

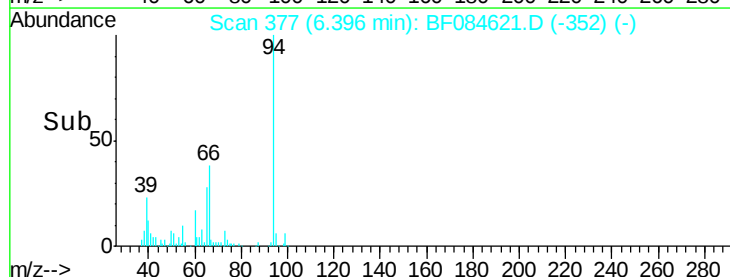
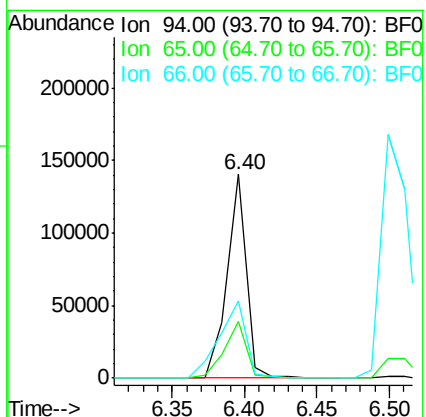
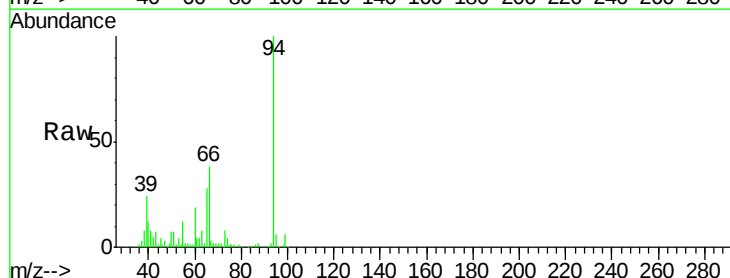
Tgt Ion: 94 Resp: 128485

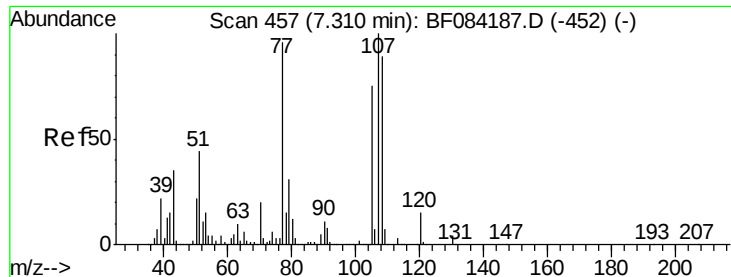
Ion Ratio Lower Upper

94 100

65 27.9 12.9 52.9

66 38.1 32.7 72.7





#20

3+4-Methylphenols

Concen: 2.46 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

Instrument :

BNA_F

ClientSampleId :

TEC-24

Tgt Ion:107 Resp: 26672

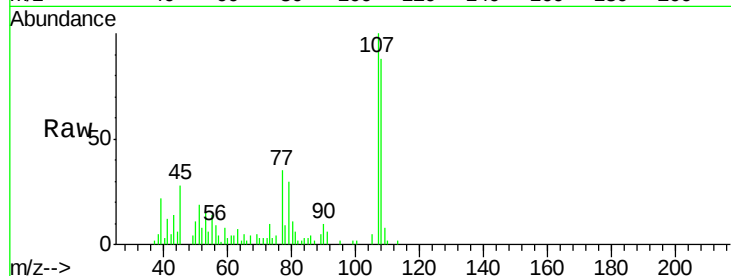
Ion Ratio Lower Upper

107 100

108 87.5 74.6 114.6

77 35.1 0.7 40.7

79 29.9 0.0 39.0

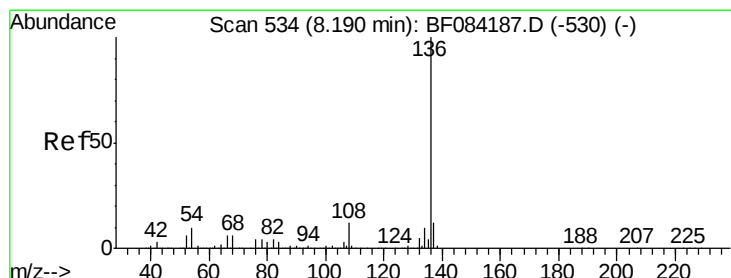
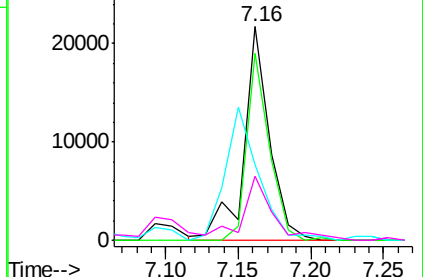
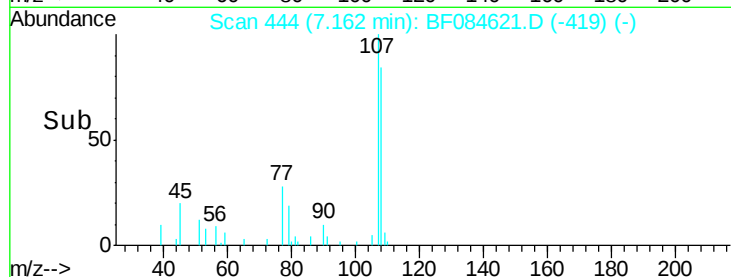


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

Tgt Ion:136 Resp: 597040

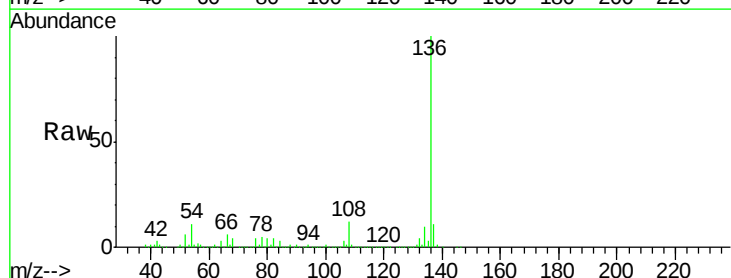
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 5.8 8.8#

68 4.5 4.2 6.2

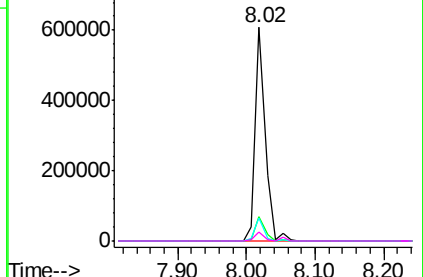
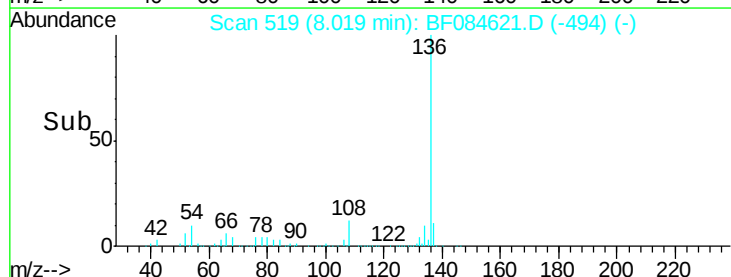


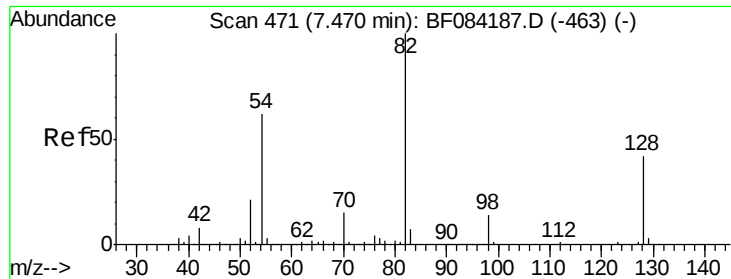
Abundance Ion 136.00 (135.70 to 136.70): E

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

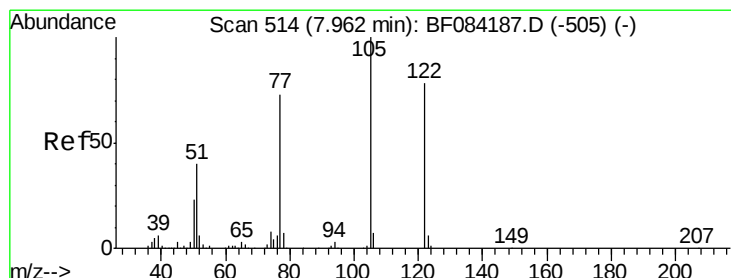
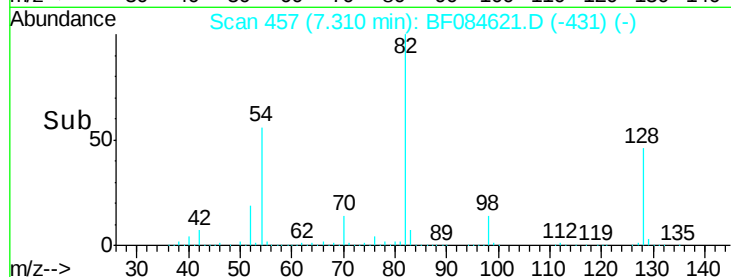
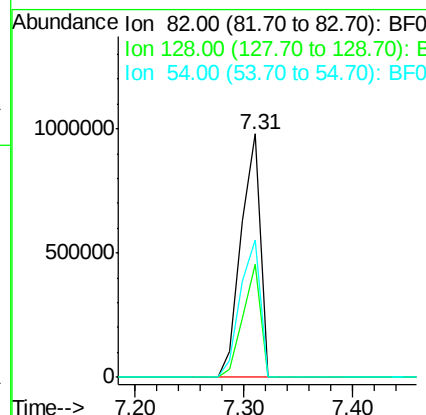
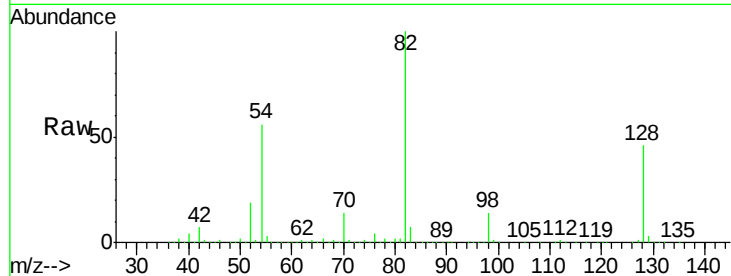




#23
 Nitrobenzene-d5
 Concen: 110.23 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084621.D
 Acq: 27 Jan 2016 15:10

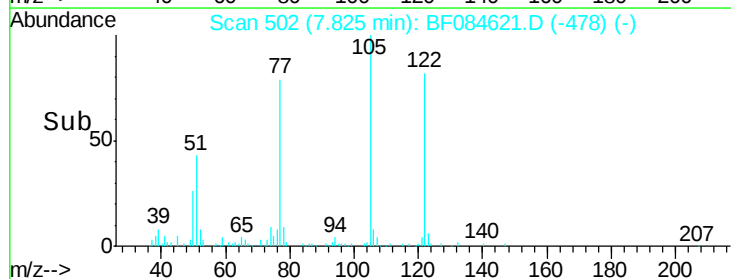
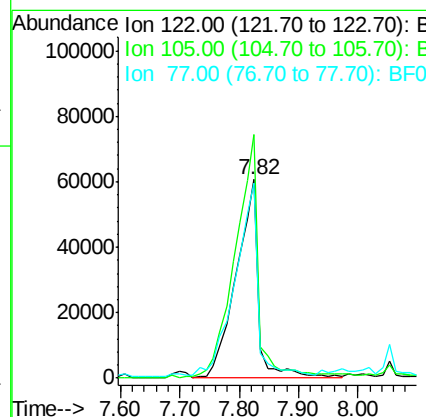
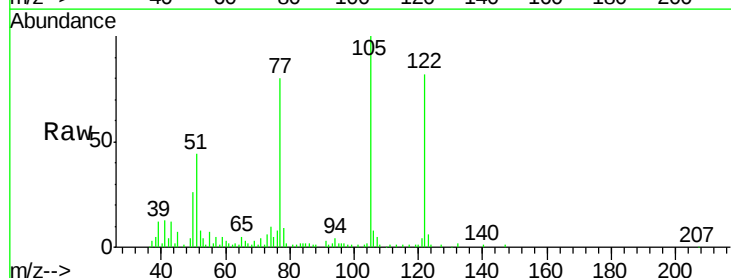
Instrument :
 BNA_F
 ClientSampleId :
 TEC-24

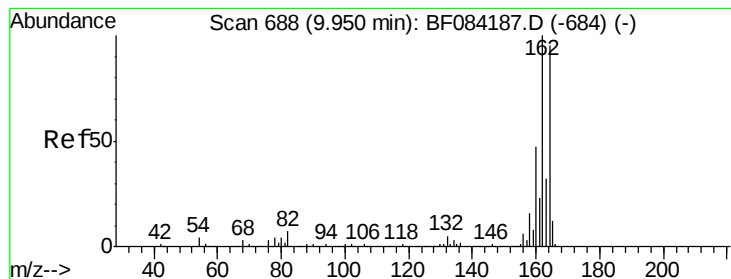
Tgt Ion: 82 Resp: 1182476
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 51.8
 54 56.4 38.4 57.6



#32
 Benzoic acid
 Concen: 27.86 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084621.D
 Acq: 27 Jan 2016 15:10

Tgt Ion: 122 Resp: 160175
 Ion Ratio Lower Upper
 122 100
 105 122.6 100.3 140.3
 77 98.1 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

Instrument :

BNA_F

ClientSampleId :

TEC-24

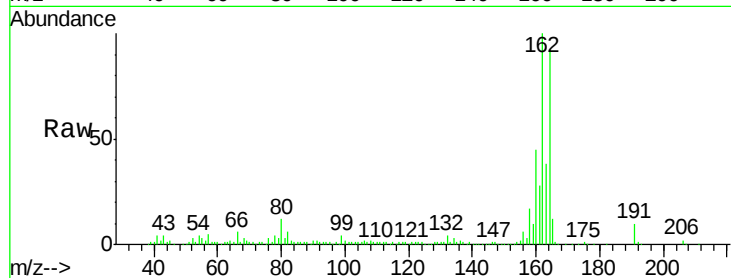
Tgt Ion:164 Resp: 379771

Ion Ratio Lower Upper

164 100

162 108.1 85.1 127.7

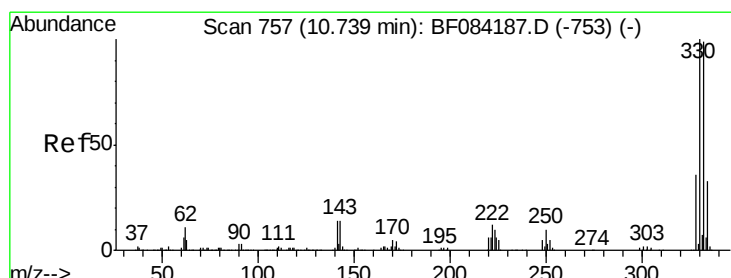
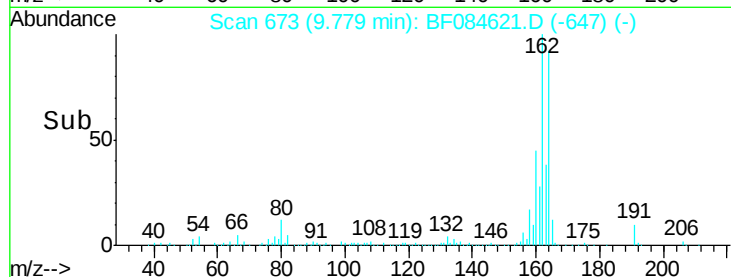
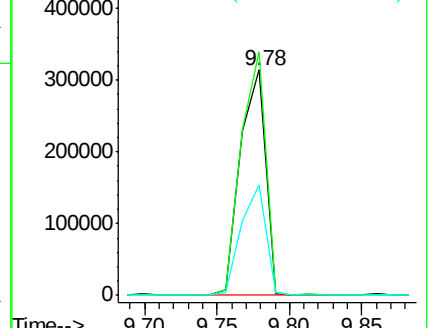
160 48.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 116.83 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

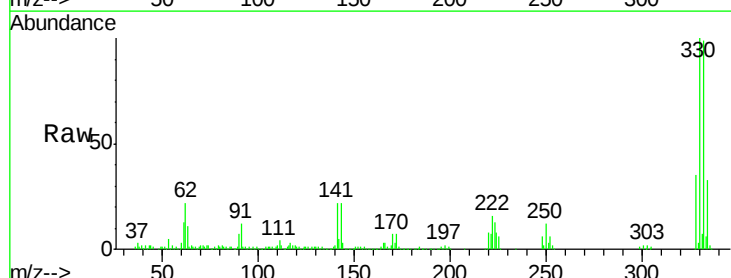
Tgt Ion:330 Resp: 447948

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

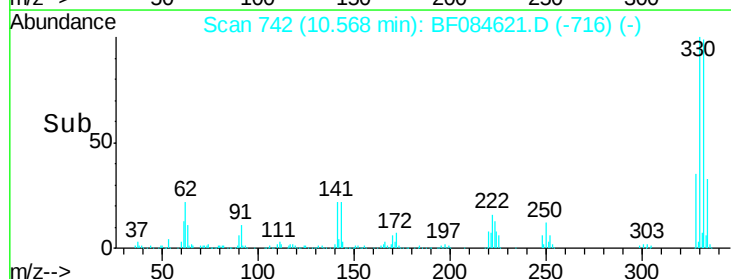
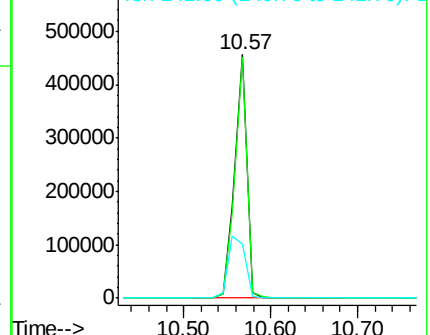
141 35.0 27.8 41.6

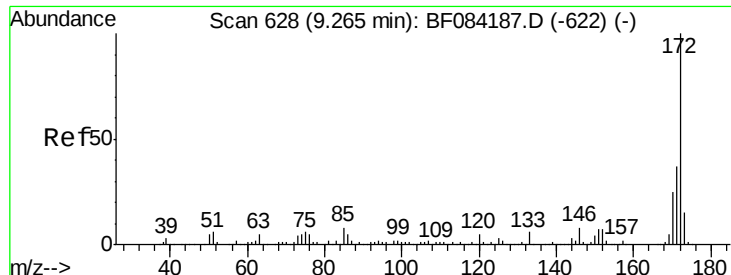


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

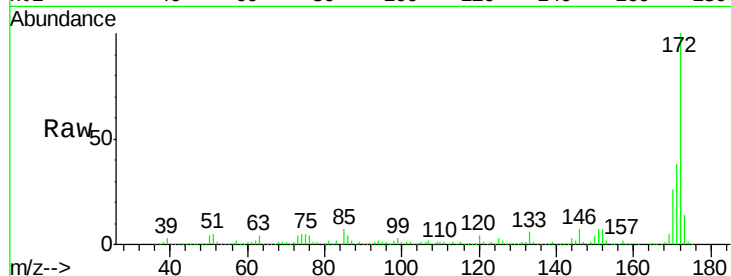




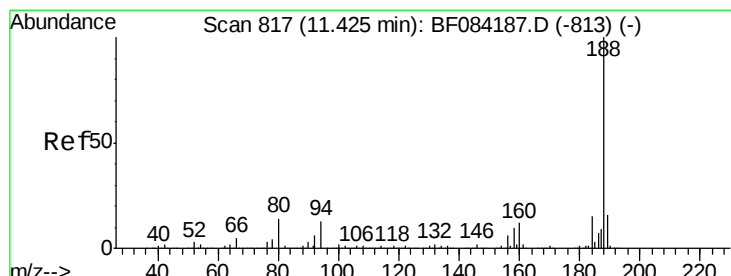
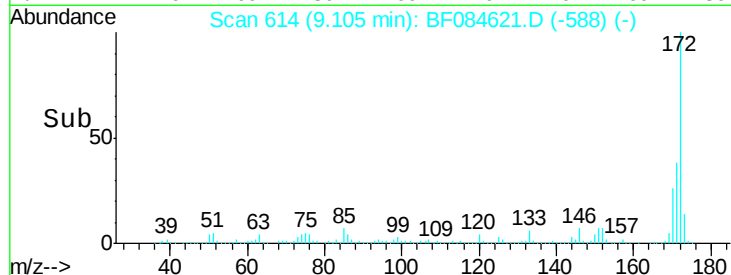
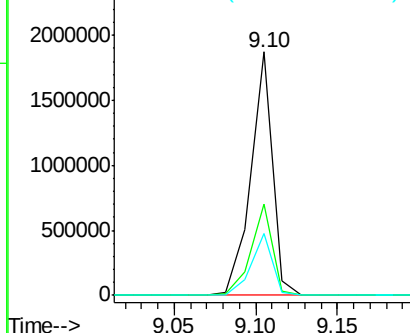
#44
 2-Fluorobiphenyl
 Concen: 79.74 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084621.D
 Acq: 27 Jan 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 TEC-24

Tgt Ion:172 Resp: 1729923
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.7 18.6 27.8

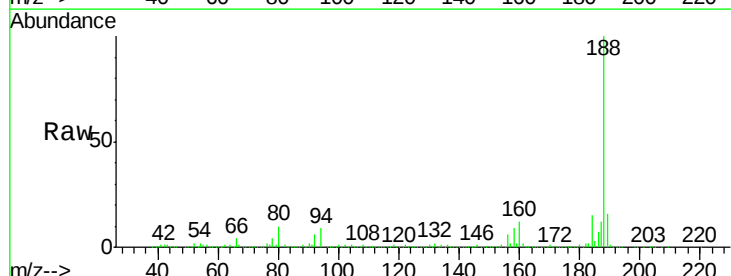


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

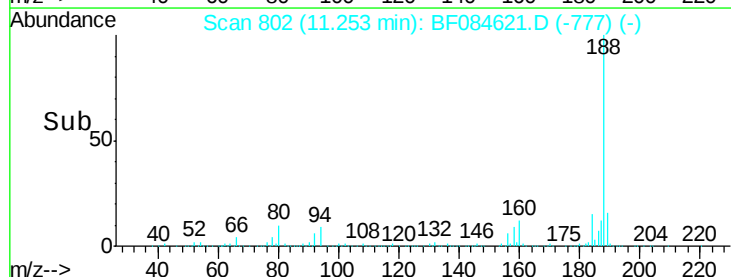
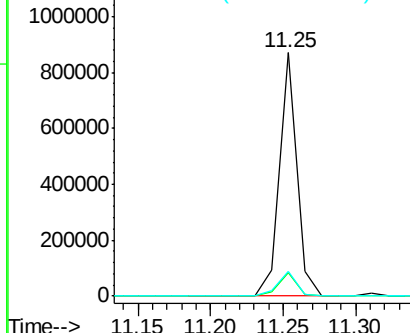


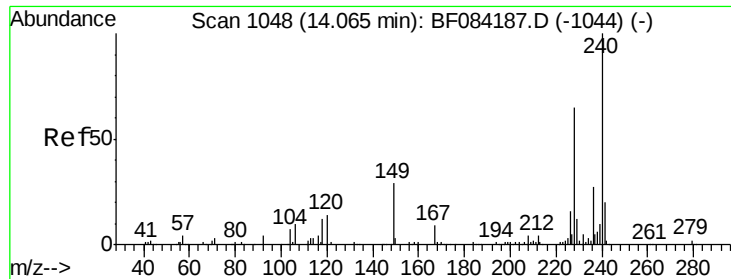
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084621.D
 Acq: 27 Jan 2016 15:10

Tgt Ion:188 Resp: 727012
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.0 13.4
 80 10.1 9.6 14.4



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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

Instrument :

BNA_F

ClientSampleId :

TEC-24

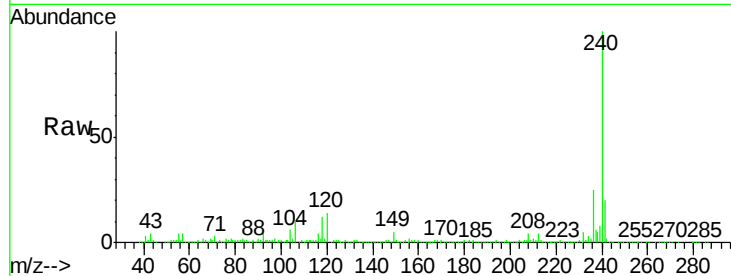
Tgt Ion:240 Resp: 585479

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

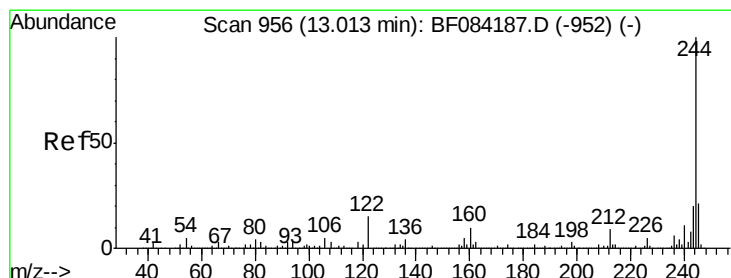
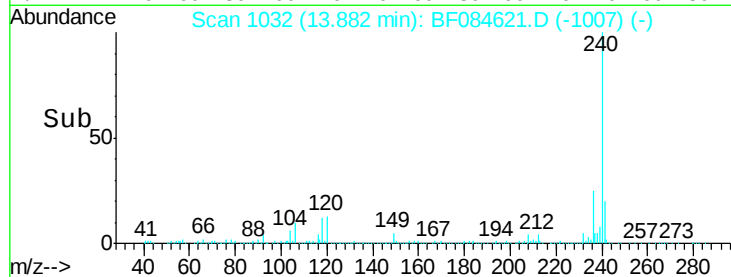
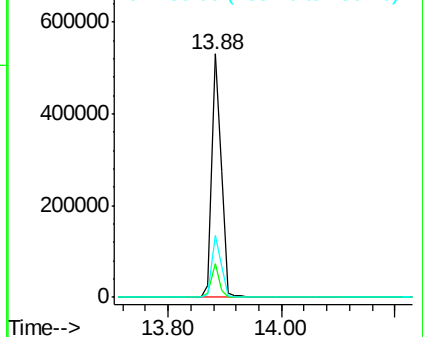
236 25.5 20.6 31.0



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: 78.72 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF084621.D

Acq: 27 Jan 2016 15:10

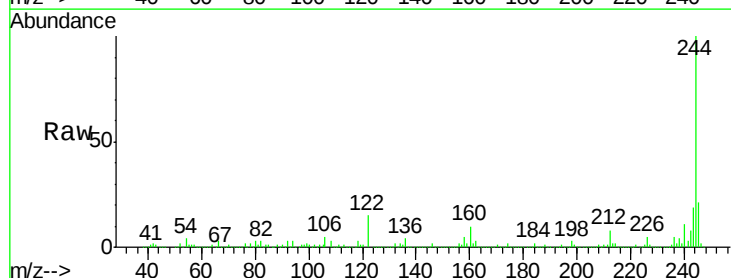
Tgt Ion:244 Resp: 2064679

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

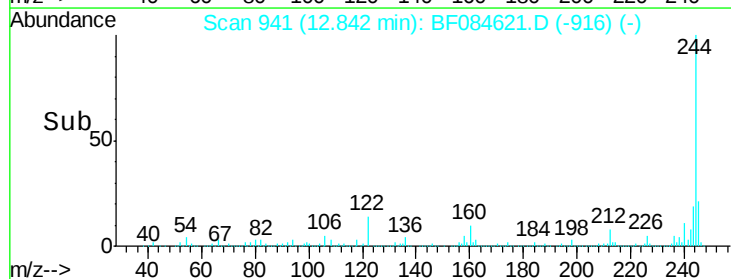
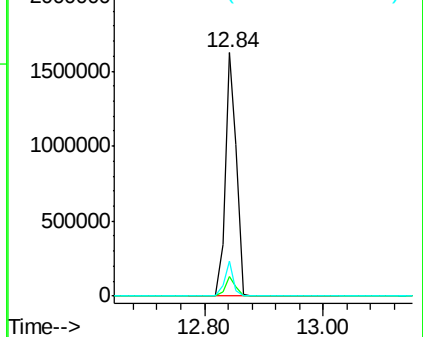
122 14.5 7.4 11.0#

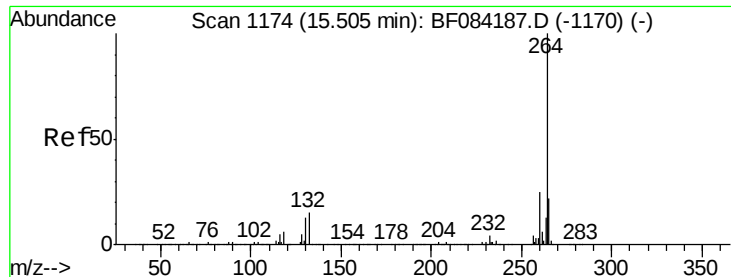


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF084621.D
Acq: 27 Jan 2016 15:10

Instrument :
BNA_F
ClientSampleId :
TEC-24

Tgt Ion: 264 Resp: 414246
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.6 17.8 26.6

