

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041415\
 Data File : BF078533.D
 Acq On : 15 Apr 2015 9:39
 Operator : TP/IZ
 Sample : G1823-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 11:58:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:39:18 2015
 Response via : Initial Calibration

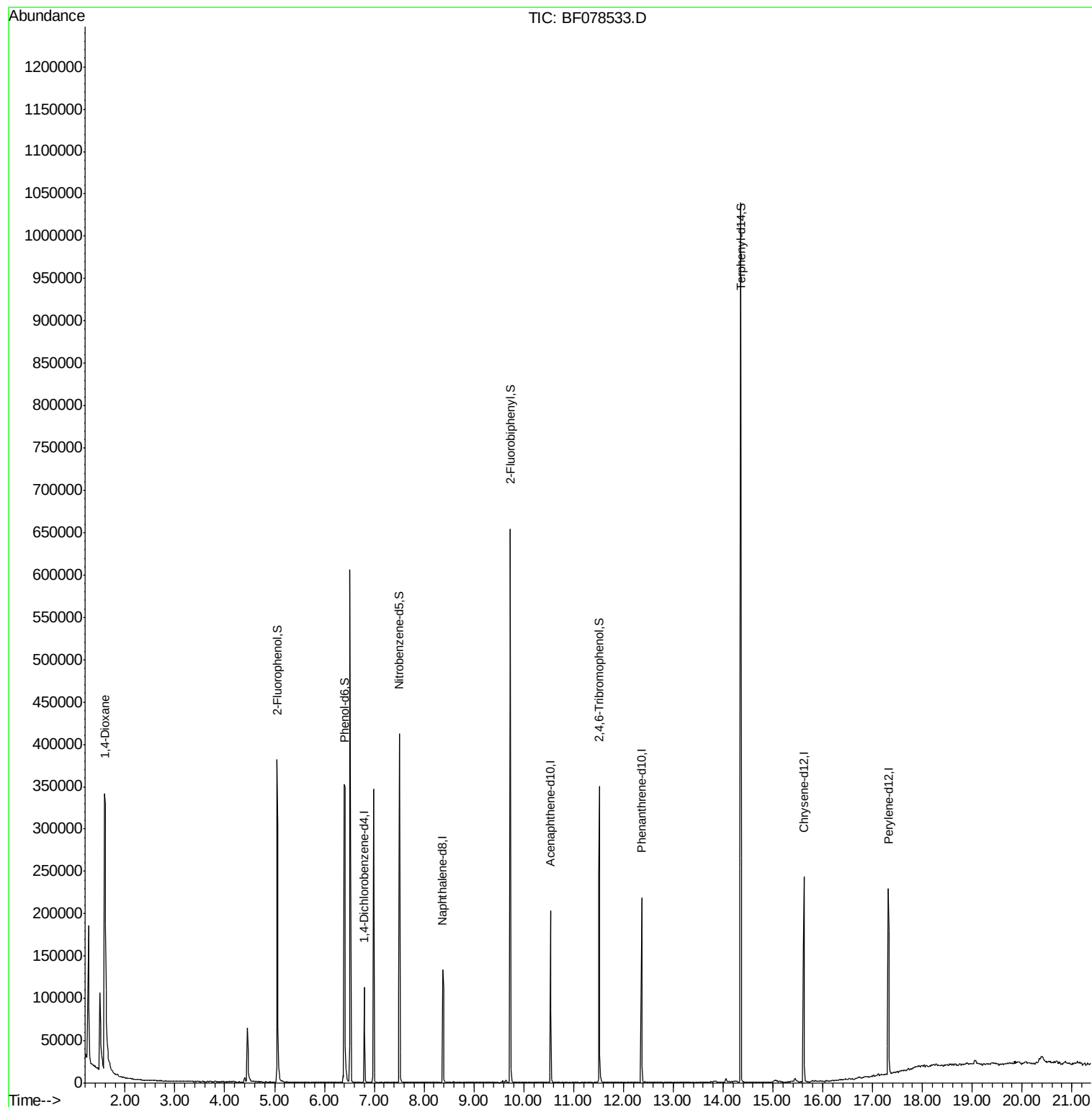
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	22164	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	91847	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	46958	20.00	ng	-0.01
63) Phenanthrene-d10	12.37	188	100330	20.00	ng	0.00
75) Chrysene-d12	15.62	240	116552	20.00	ng	-0.01
86) Perylene-d12	17.31	264	115798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	166634	123.96	ng	0.00
7) Phenol-d6	6.41	99	201966	119.88	ng	0.00
23) Nitrobenzene-d5	7.51	82	135373	89.34	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	54299	139.42	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	289867	88.24	ng	0.00
78) Terphenyl-d14	14.35	244	383038	74.26	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.60	88	16865	27.74	ng	Qvalue # 23

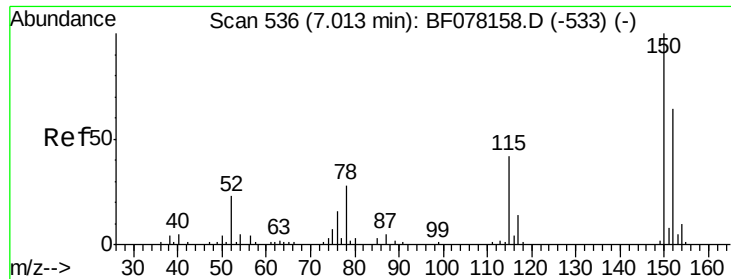
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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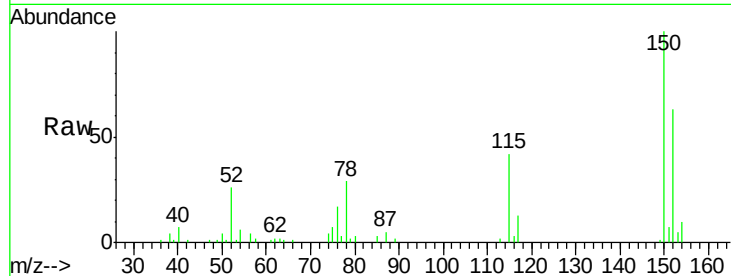


#1

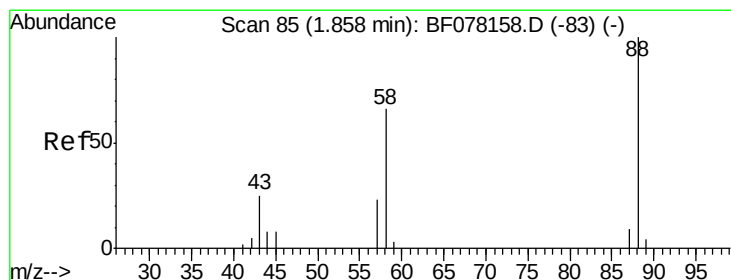
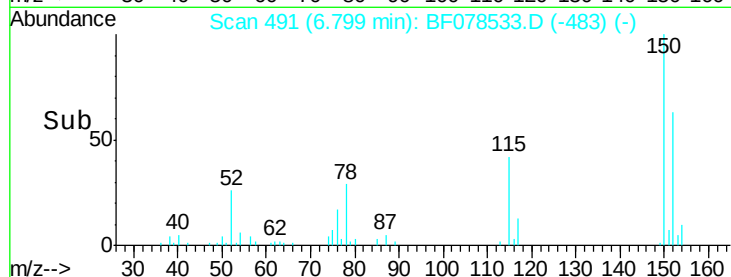
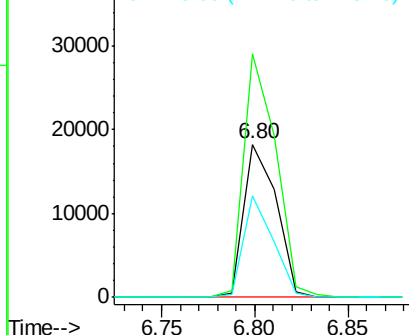
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF078533.D
Acq: 15 Apr 2015 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 22164
Ion Ratio Lower Upper
152 100
150 159.0 125.9 188.9
115 66.6 52.7 79.1



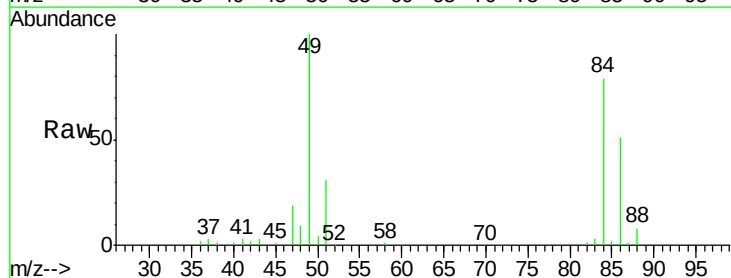
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



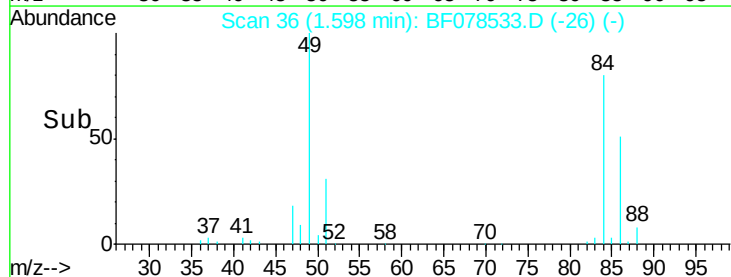
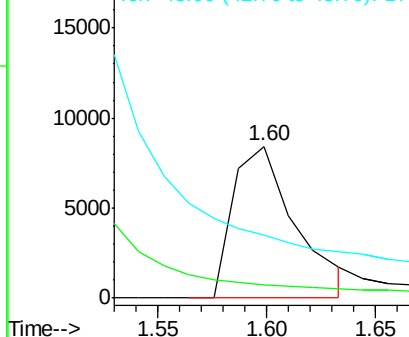
#2

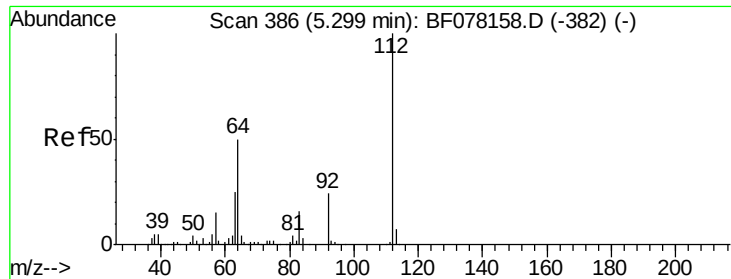
1,4-Dioxane
Concen: 27.74 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078533.D
Acq: 15 Apr 2015 9:39

Tgt Ion: 88 Resp: 16865
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 123.96 ng

RT: 5.05 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF078533.D

Acq: 15 Apr 2015 9:39

Instrument :

BNA_F

ClientSampled :

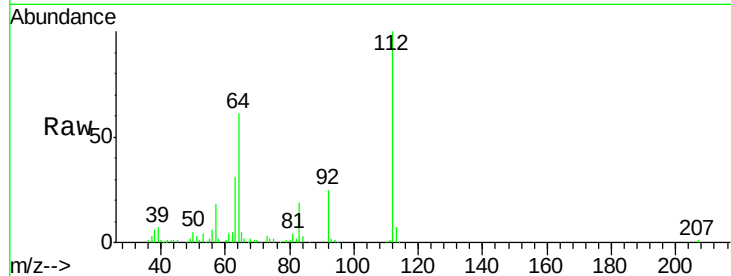
Tgt Ion: 112 Resp: 166634

Ion Ratio Lower Upper

112 100

64 60.5 39.9 59.9#

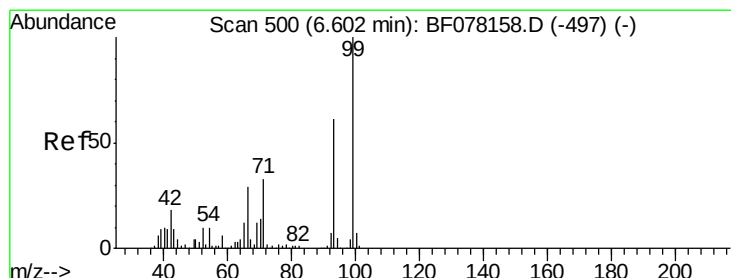
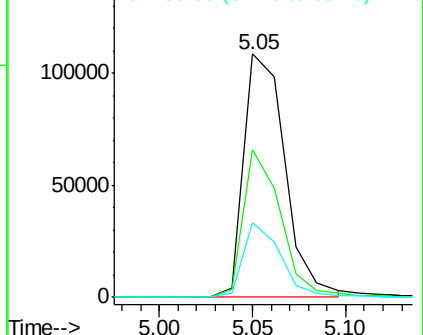
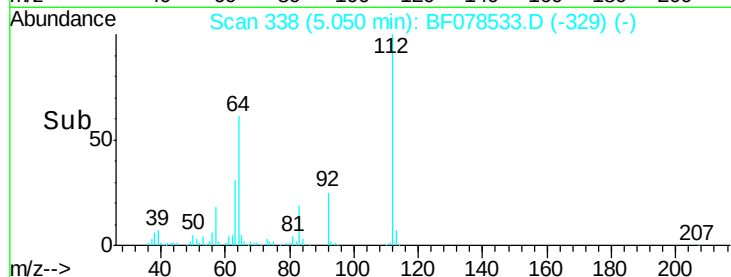
63 30.8 20.2 30.4#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 119.88 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF078533.D

Acq: 15 Apr 2015 9:39

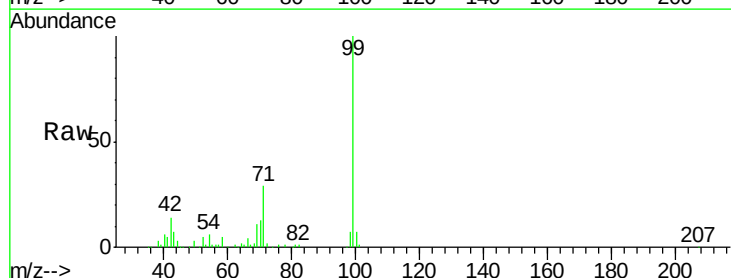
Tgt Ion: 99 Resp: 201966

Ion Ratio Lower Upper

99 100

42 13.9 14.8 22.2#

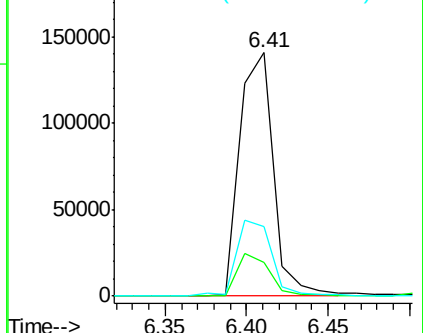
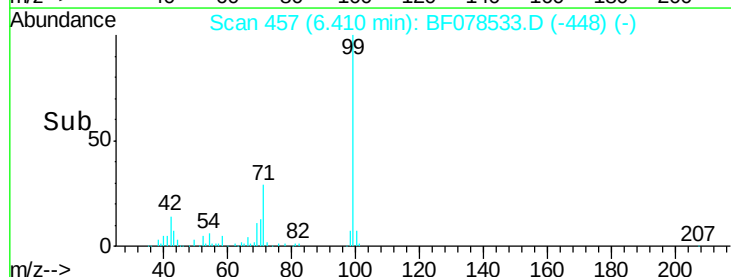
71 28.7 26.6 39.8

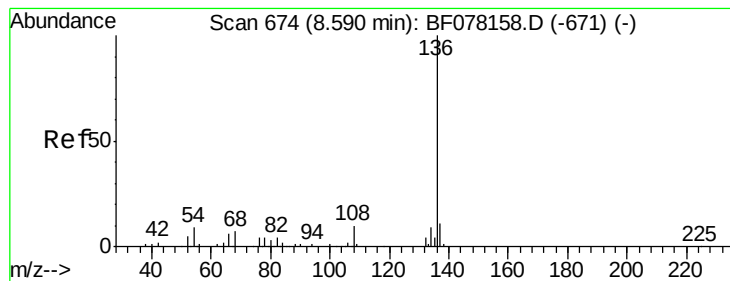


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078533.D

Acq: 15 Apr 2015 9:39

Instrument :

BNA_F

ClientSampled :

Tgt Ion: 136 Resp: 91847

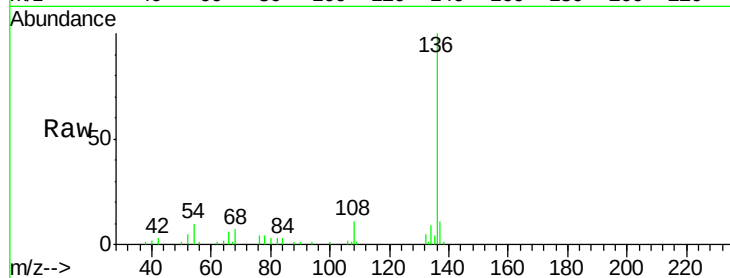
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 10.1 7.0 10.6

68 6.9 5.4 8.2

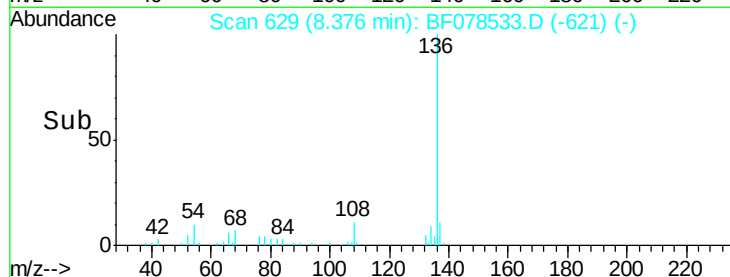


Abundance Ion 136.00 (135.70 to 136.70): E

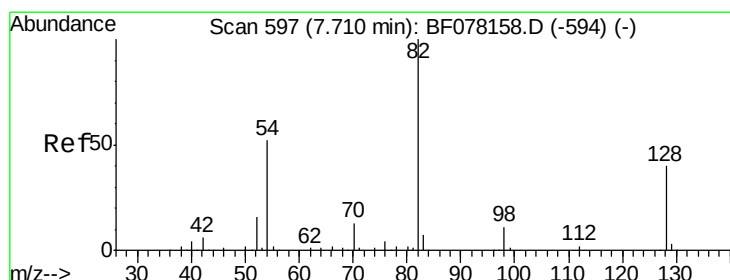
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.30 8.35 8.40 8.45



#23

Nitrobenzene-d5

Concen: 89.34 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF078533.D

Acq: 15 Apr 2015 9:39

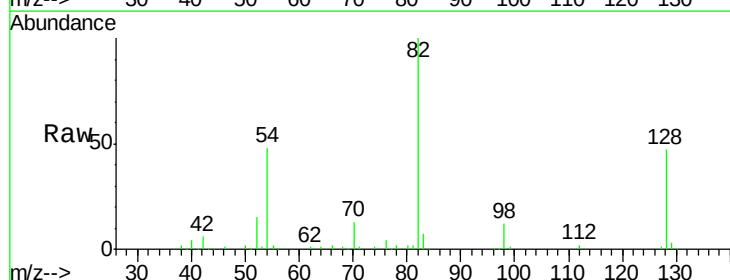
Tgt Ion: 82 Resp: 135373

Ion Ratio Lower Upper

82 100

128 46.9 31.8 47.8

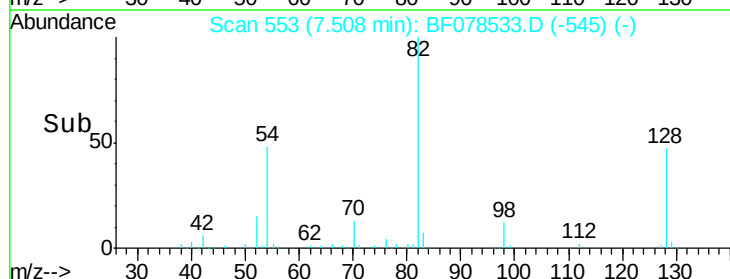
54 47.6 41.5 62.3



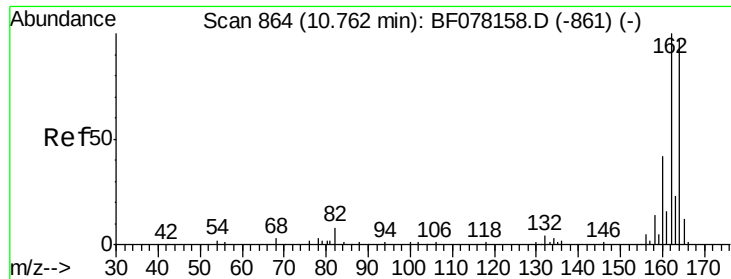
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.45 7.50 7.55



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.54 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF078533.D

Acq: 15 Apr 2015 9:39

Instrument :

BNA_F

ClientSampleId :

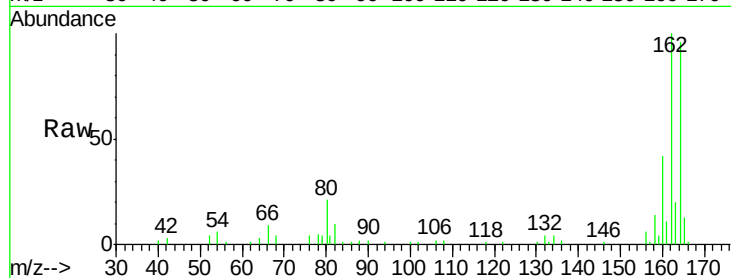
Tgt Ion:164 Resp: 46958

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.2

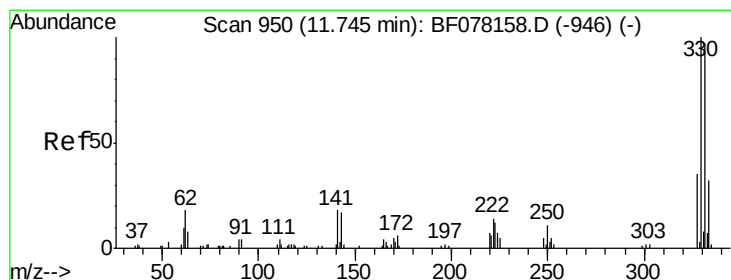
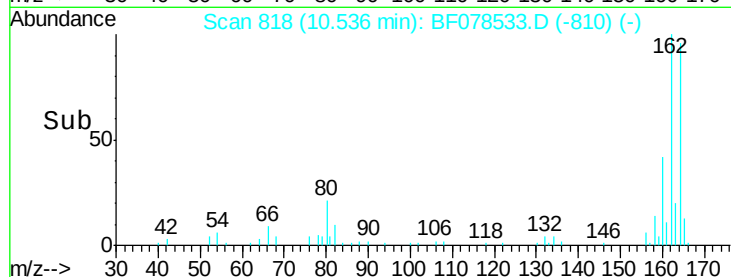
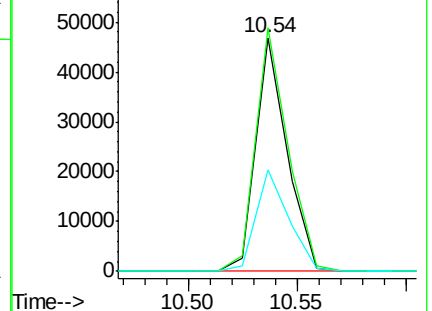
160 43.5 34.7 52.1



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: 139.42 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF078533.D

Acq: 15 Apr 2015 9:39

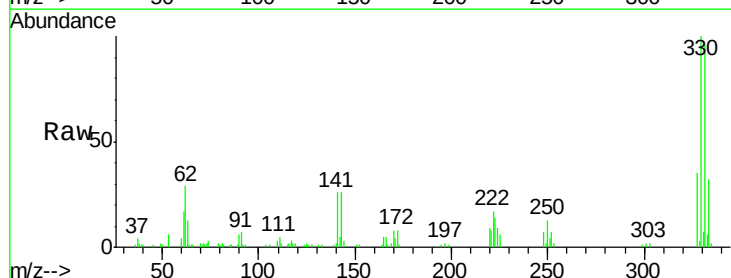
Tgt Ion:330 Resp: 54299

Ion Ratio Lower Upper

330 100

332 97.5 78.6 117.8

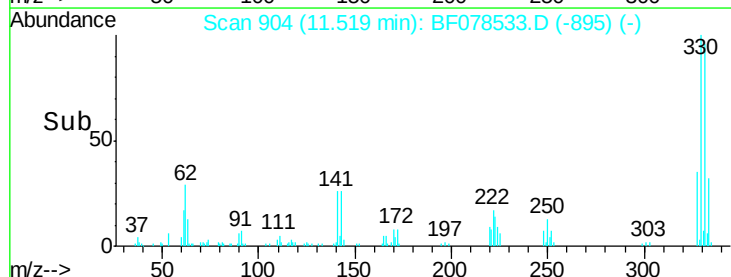
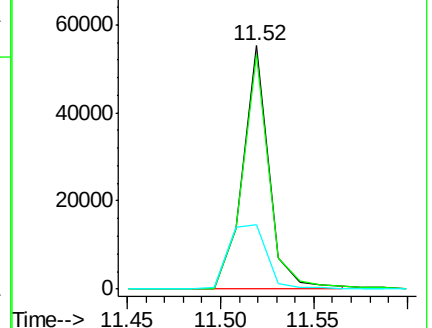
141 39.1 31.2 46.8

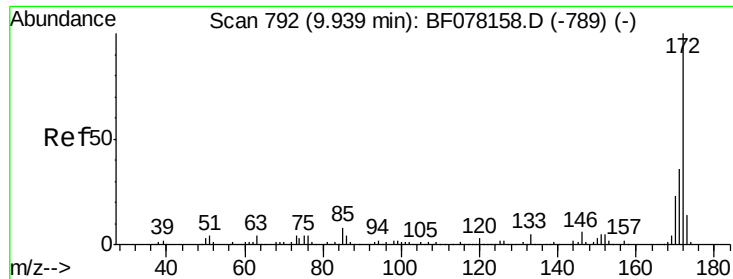


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

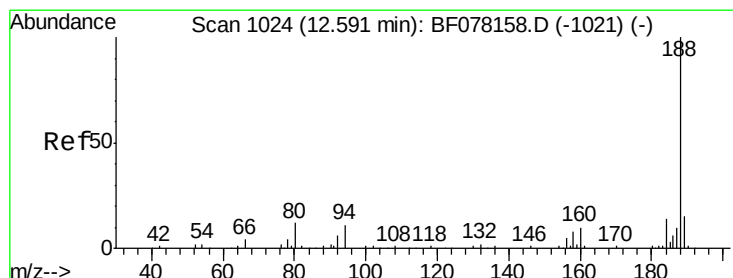
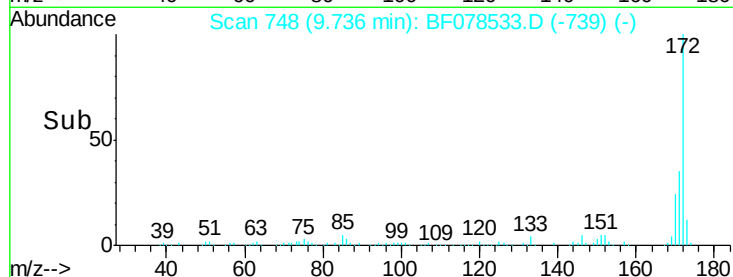
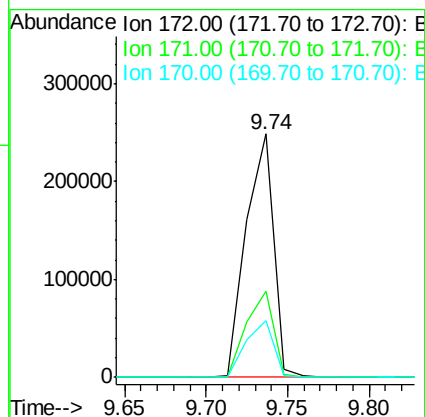
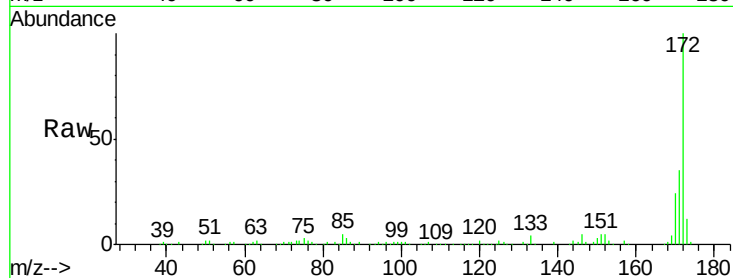




#44
 2-Fluorobiphenyl
 Concen: 88.24 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF078533.D
 Acq: 15 Apr 2015 9:39

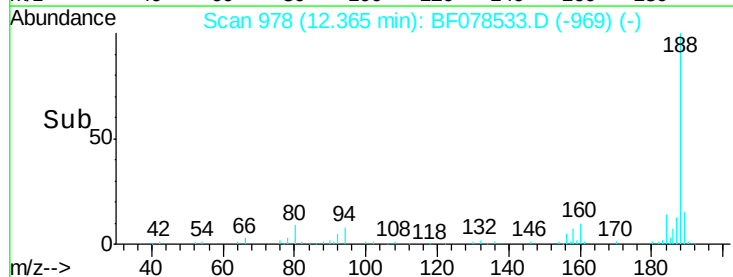
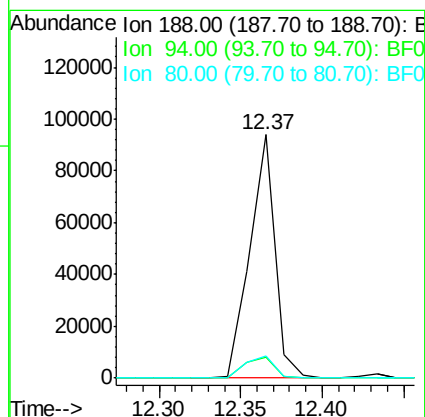
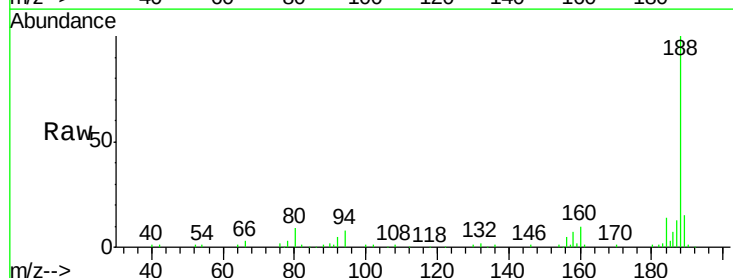
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 ClientSampleId :

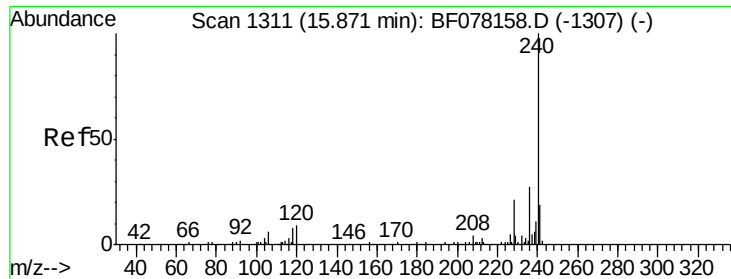
Tgt Ion:172 Resp: 289867
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.5 18.5 27.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF078533.D
 Acq: 15 Apr 2015 9:39

Tgt Ion:188 Resp: 100330
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.0 13.4#
 80 9.1 9.5 14.3#

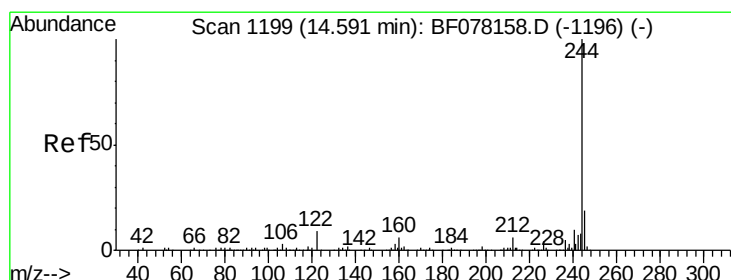
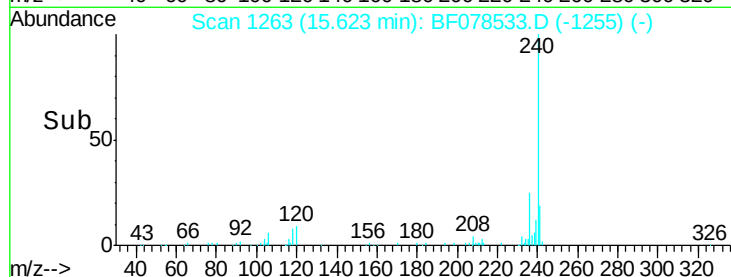
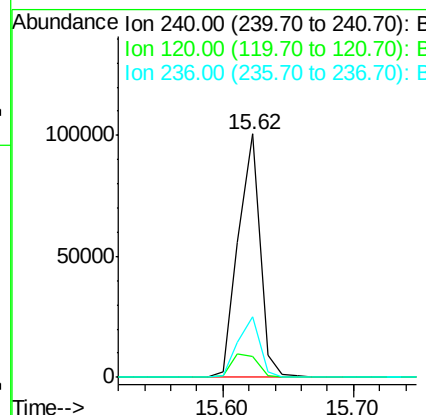
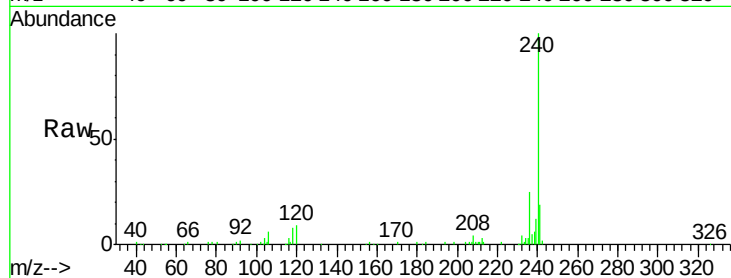




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078533.D
Acq: 15 Apr 2015 9:39

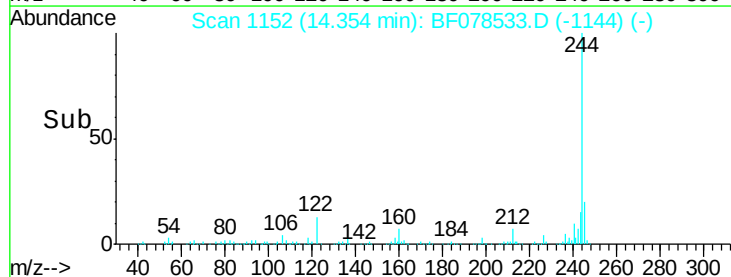
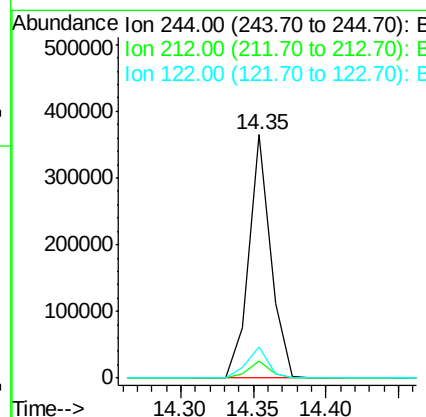
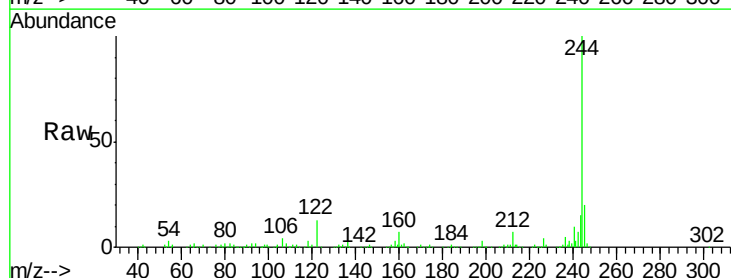
Instrument :
BNA_F
ClientSampleId :

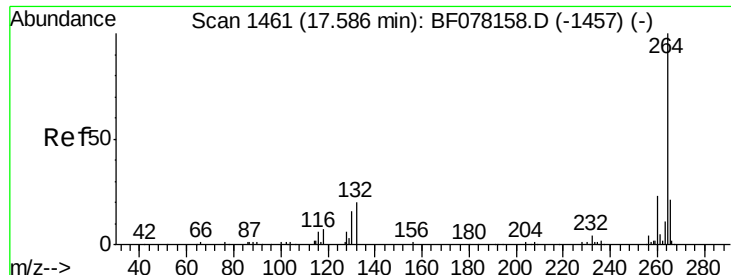
Tgt Ion:240 Resp: 116552
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 24.9 21.4 32.2



#78
Terphenyl-d14
Concen: 74.26 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF078533.D
Acq: 15 Apr 2015 9:39

Tgt Ion:244 Resp: 383038
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 12.7 7.1 10.7#

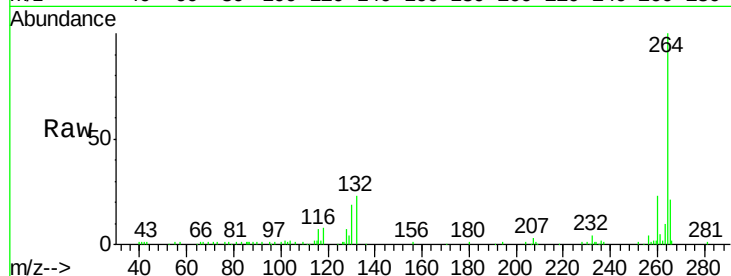




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF078533.D
Acq: 15 Apr 2015 9:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 264 Resp: 115798
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.4 17.0 25.6



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

