

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020415\
 Data File : BE089497.D
 Acq On : 4 Feb 2015 15:19
 Operator : TP/IZ
 Sample : G1150-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB

Quant Time: Feb 04 17:38:45 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:53:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	71162	5.00	ng	0.00
7) Naphthalene-d8	12.43	136	288721	5.00	ng	0.00
13) Acenaphthene-d10	16.61	164	136952	5.00	ng	0.00
17) Phenanthrene-d10	19.94	188	236574	5.00	ng	0.00
20) Chrysene-d12	23.79	240	218971	5.00	ng	0.00
27) Perylene-d12	25.49	264	203864	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	80748	3.51	ng	0.02
4) Phenol-d6	8.87	99	50460	1.75	ng	0.03
8) Nitrobenzene-d5	10.80	82	142548	6.53	ng	0.01
14) 2,4,6-Tribromophenol	18.52	330	38175	6.49	ng	0.01
15) 2-Fluorobiphenyl	15.07	172	215084	5.96	ng	0.00
22) Terphenyl-d14	22.43	244	231875	7.47	ng	0.00

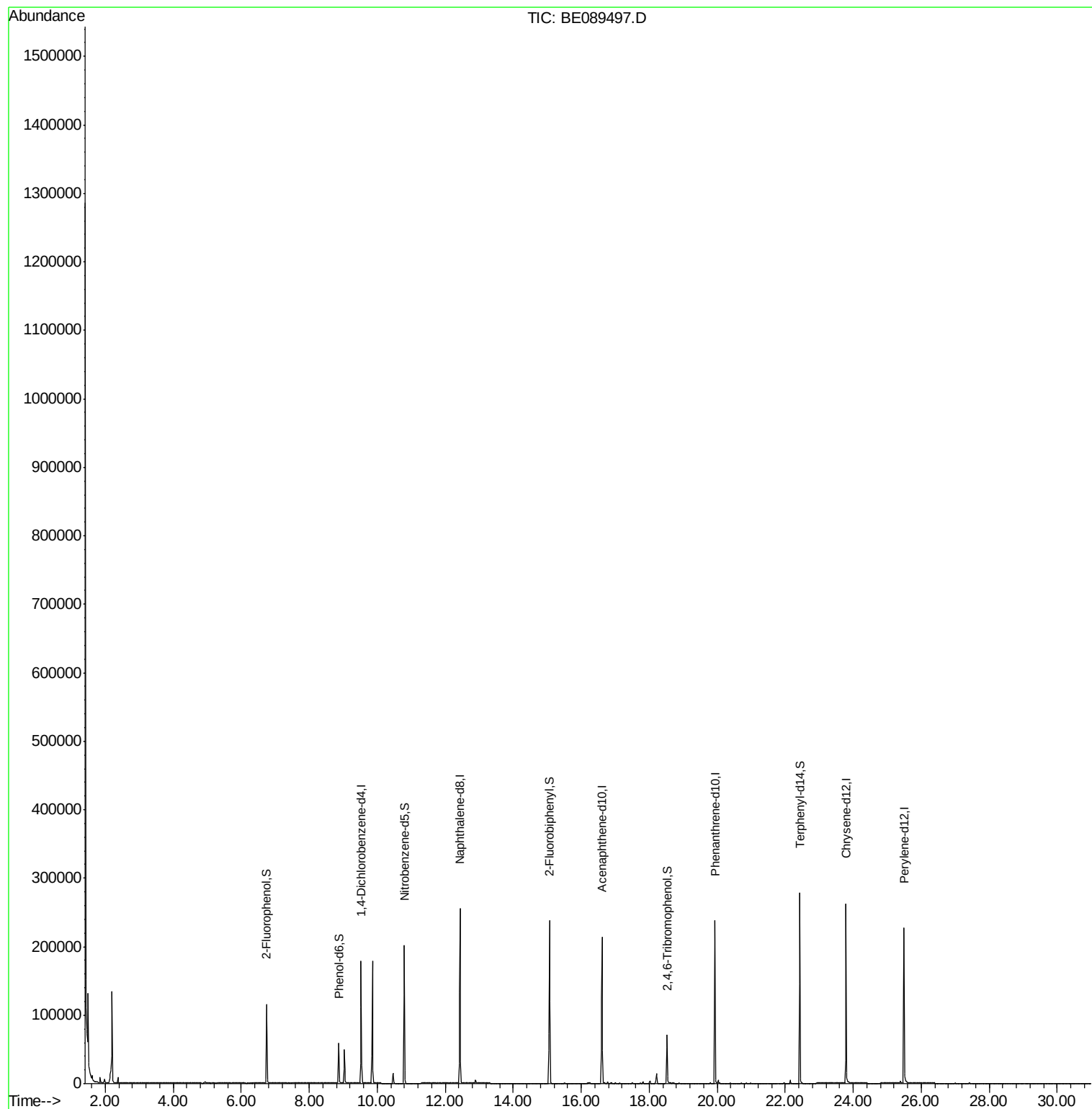
Target Compounds	Qvalue
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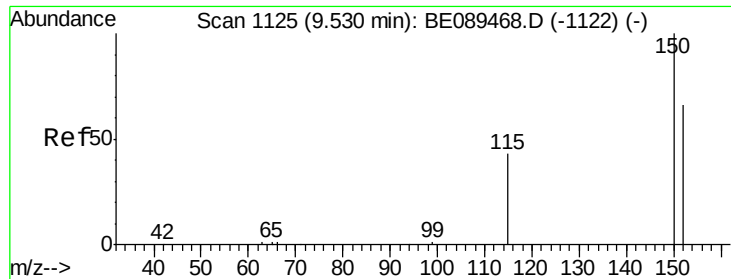
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FB

Quant Time: Feb 04 17:38:45 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:53:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.53 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

Instrument :

BNA_E

ClientSampled :

FB

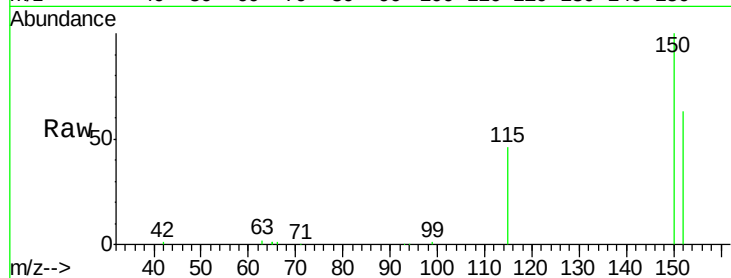
Tgt Ion:152 Resp: 71162

Ion Ratio Lower Upper

152 100

150 159.8 122.1 183.1

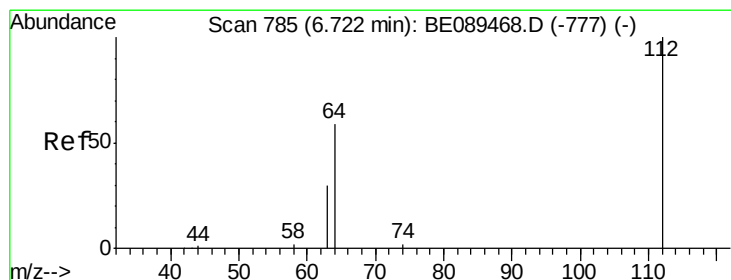
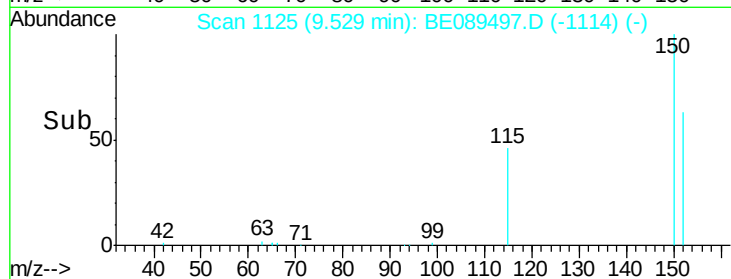
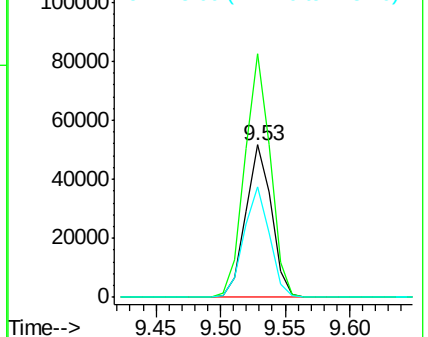
115 72.9 53.2 79.8



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



#3

2-Fluorophenol

Concen: 3.51 ng

RT: 6.74 min Scan# 788

Delta R.T. 0.02 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

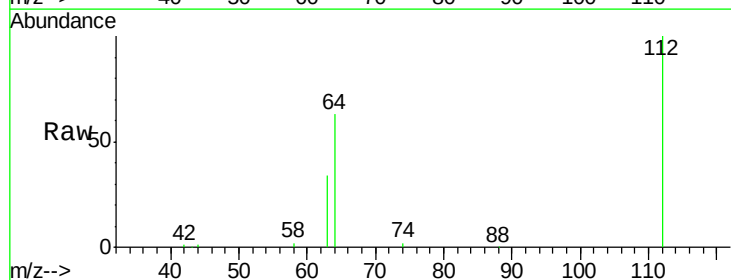
Tgt Ion:112 Resp: 80748

Ion Ratio Lower Upper

112 100

64 63.1 47.0 70.6

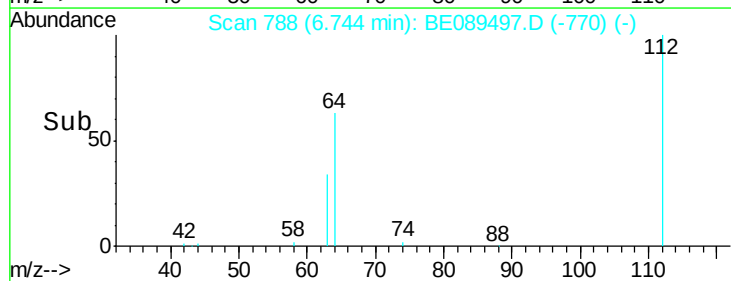
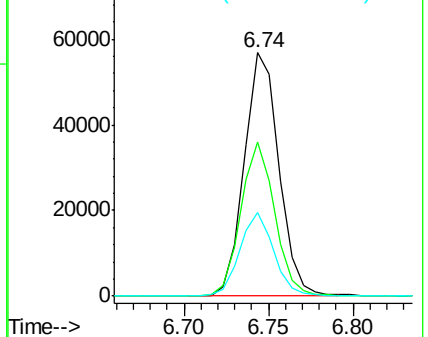
63 34.1 24.2 36.2

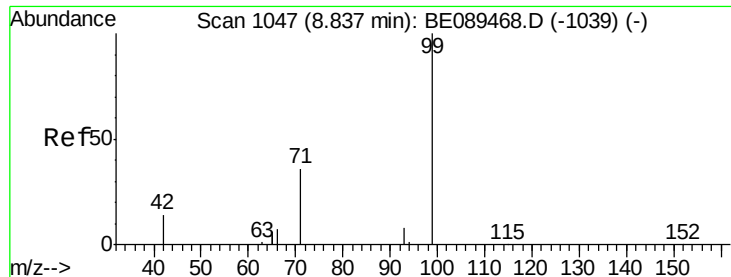


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 1.75 ng

RT: 8.87 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

Instrument :

BNA_E

ClientSampleID :

FB

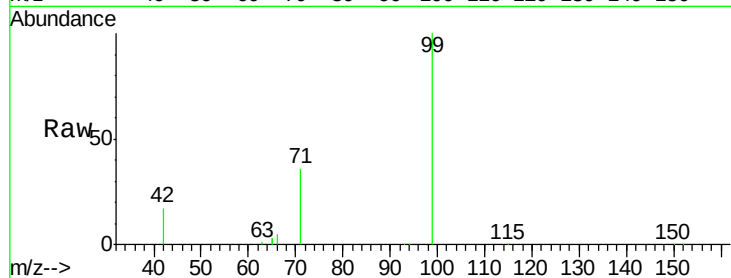
Tgt Ion: 99 Resp: 50460

Ion Ratio Lower Upper

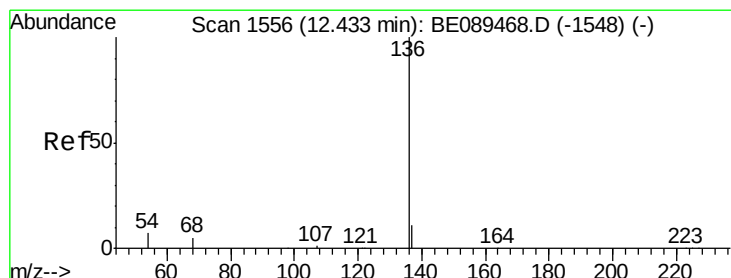
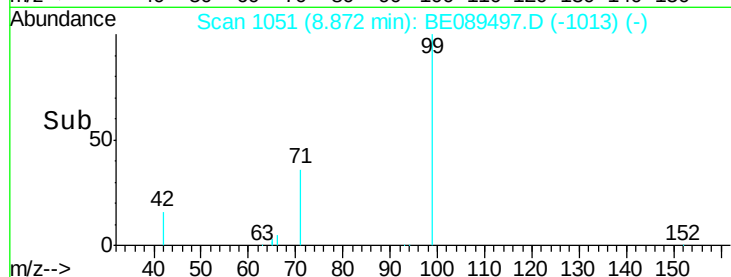
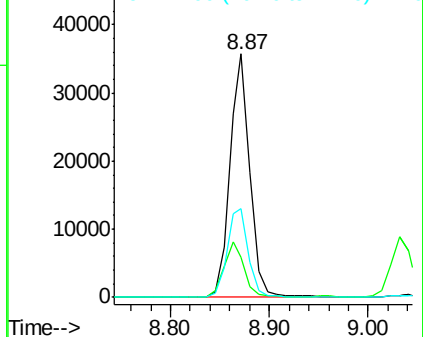
99 100

42 16.6 11.8 17.6

71 36.2 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.43 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

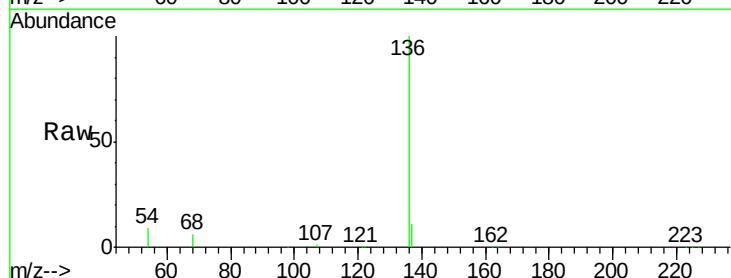
Tgt Ion: 136 Resp: 288721

Ion Ratio Lower Upper

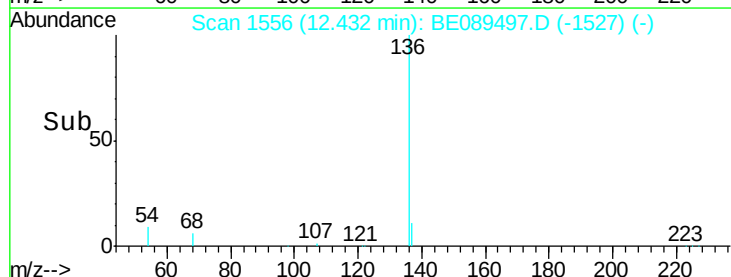
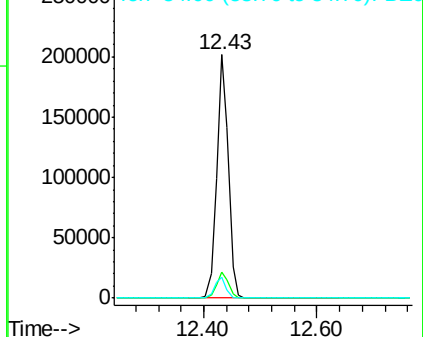
136 100

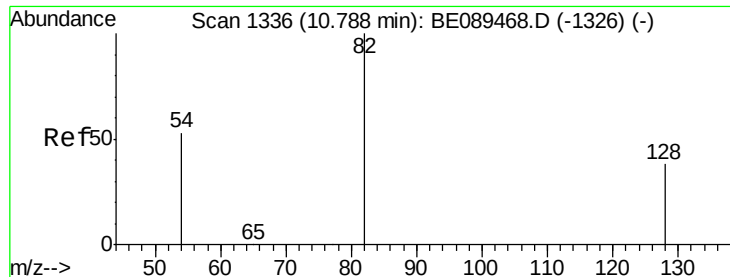
137 10.7 8.6 13.0

54 8.6 5.4 8.0



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): BE0





#8

Nitrobenzene-d5

Concen: 6.53 ng

RT: 10.80 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

Instrument :

BNA_E

ClientSampled :

FB

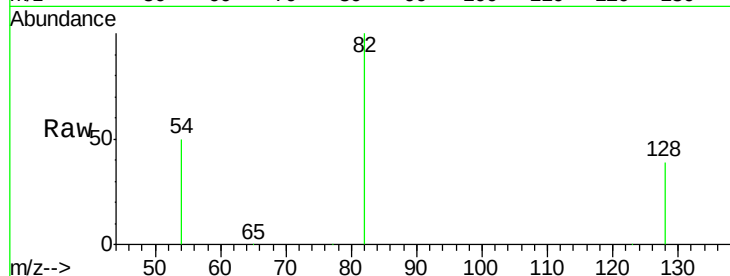
Tgt Ion: 82 Resp: 142548

Ion Ratio Lower Upper

82 100

128 39.4 30.3 45.5

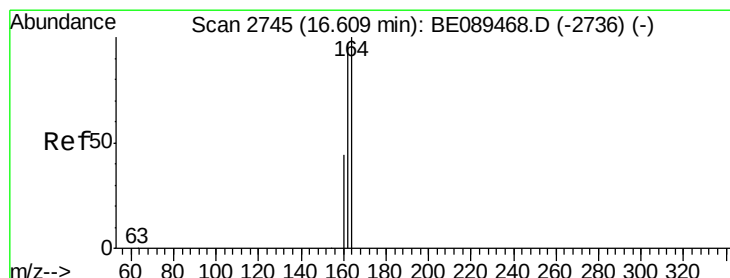
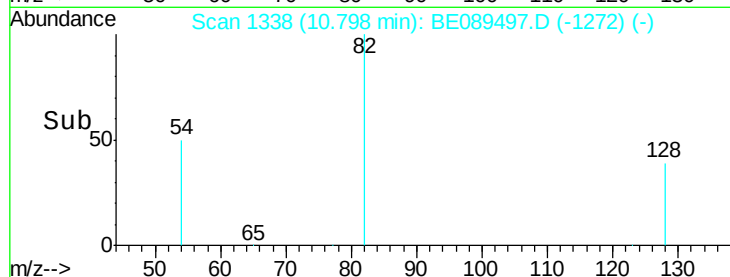
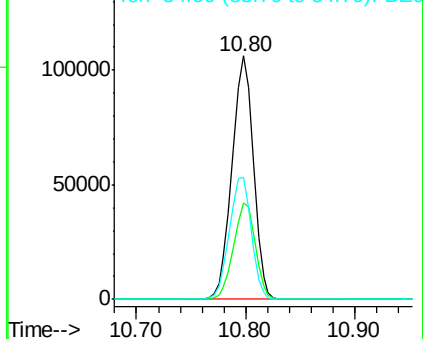
54 50.1 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BE089468.D (-1326) (-)

Ion 128.00 (127.70 to 128.70): BE089468.D (-1326) (-)

Ion 54.00 (53.70 to 54.70): BE089468.D (-1326) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.61 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

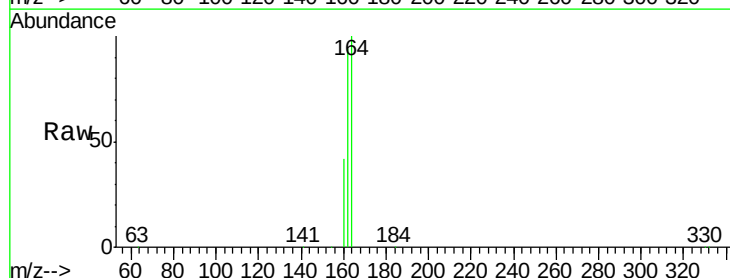
Tgt Ion: 164 Resp: 136952

Ion Ratio Lower Upper

164 100

162 94.2 77.6 116.4

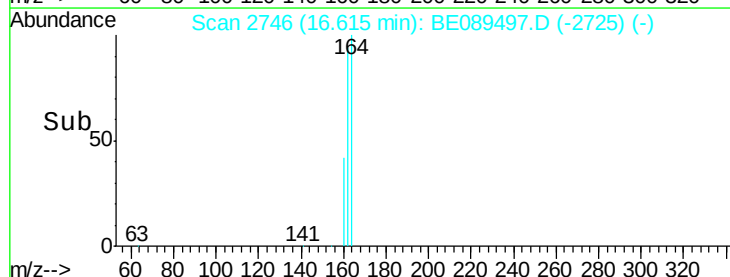
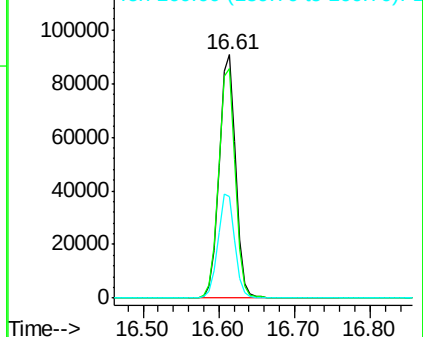
160 41.6 35.6 53.4

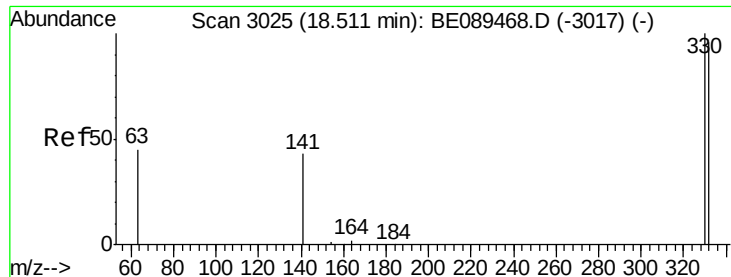


Abundance Ion 164.00 (163.70 to 164.70): BE089468.D (-2736) (-)

Ion 162.00 (161.70 to 162.70): BE089468.D (-2736) (-)

Ion 160.00 (159.70 to 160.70): BE089468.D (-2736) (-)





#14

2,4,6-Tribromophenol

Concen: 6.49 ng

RT: 18.52 min Scan# 3027

Delta R.T. 0.01 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

Instrument :

BNA_E

ClientSampleId :

FB

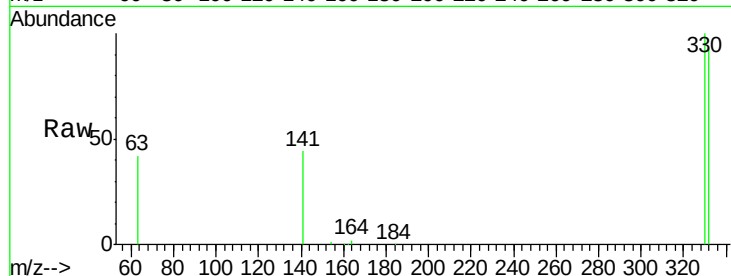
Tgt Ion:330 Resp: 38175

Ion Ratio Lower Upper

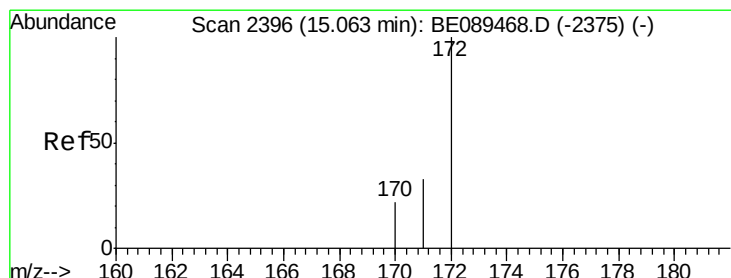
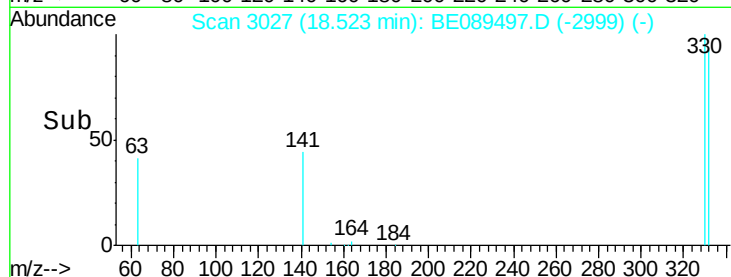
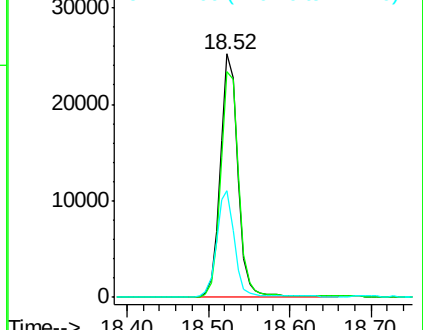
330 100

332 95.7 78.0 117.0

141 44.5 33.8 50.6



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



#15

2-Fluorobiphenyl

Concen: 5.96 ng

RT: 15.07 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

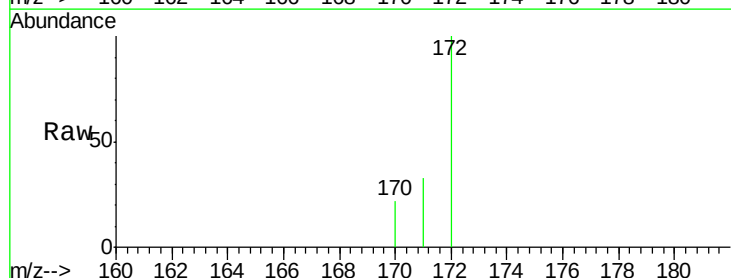
Tgt Ion:172 Resp: 215084

Ion Ratio Lower Upper

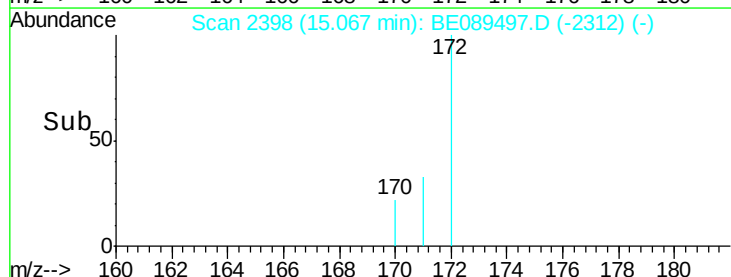
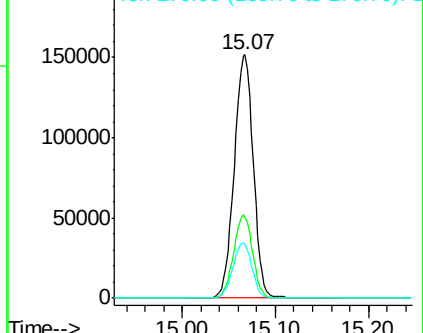
172 100

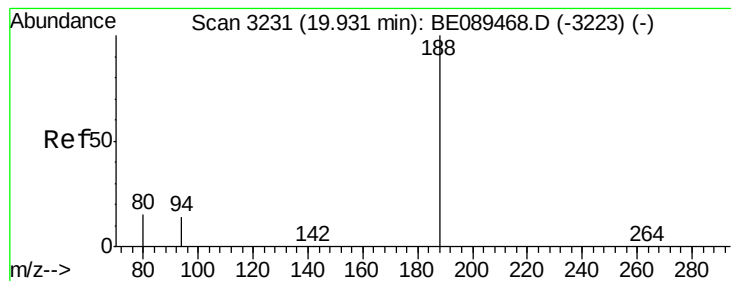
171 33.3 26.8 40.2

170 22.1 17.7 26.5



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





#17

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.94 min Scan# 3232

Delta R.T. 0.01 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

Instrument :

BNA_E

ClientSampleId :

FB

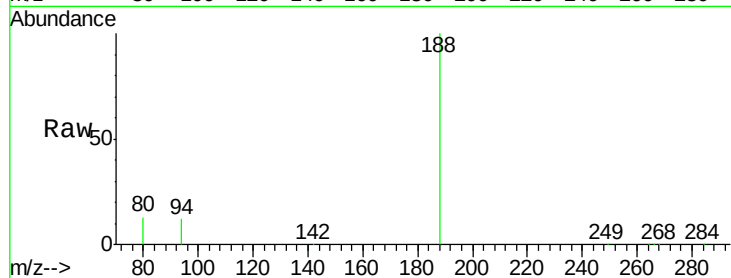
Tgt Ion:188 Resp: 236574

Ion Ratio Lower Upper

188 100

94 12.4 11.1 16.7

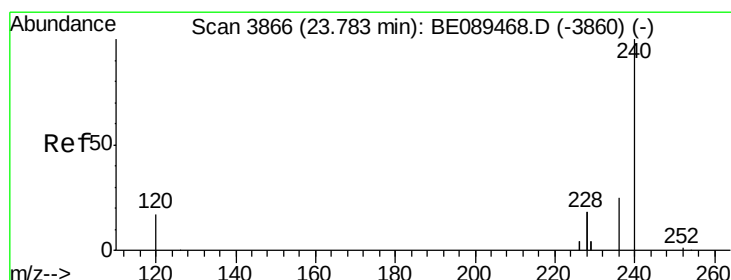
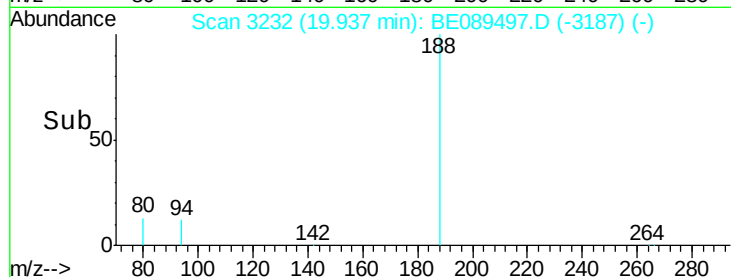
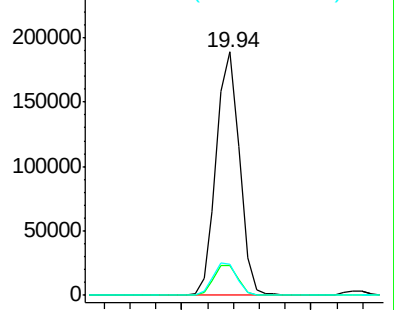
80 13.0 11.8 17.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.79 min Scan# 3866

Delta R.T. 0.01 min

Lab File: BE089497.D

Acq: 4 Feb 2015 15:19

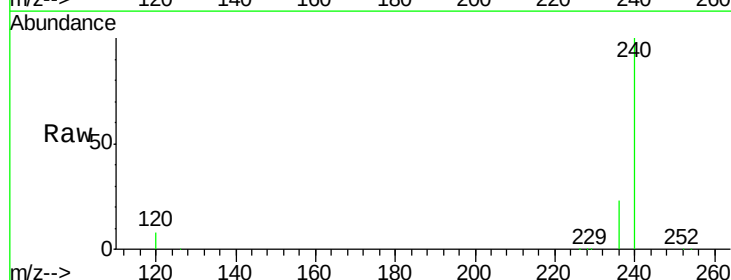
Tgt Ion:240 Resp: 218971

Ion Ratio Lower Upper

240 100

120 7.6 13.8 20.6#

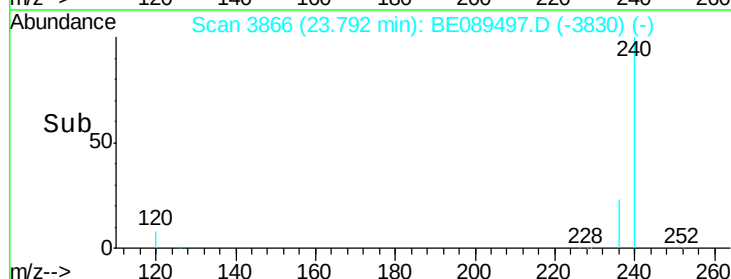
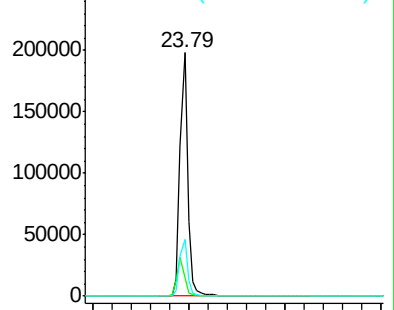
236 23.2 20.2 30.2

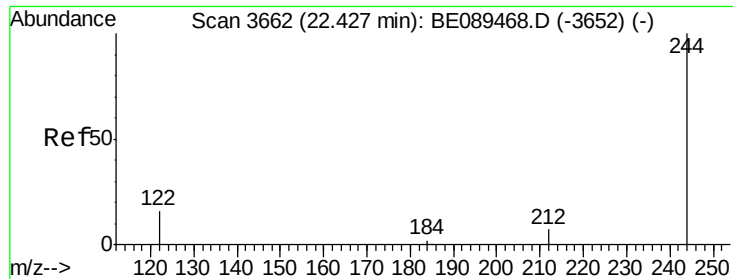


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

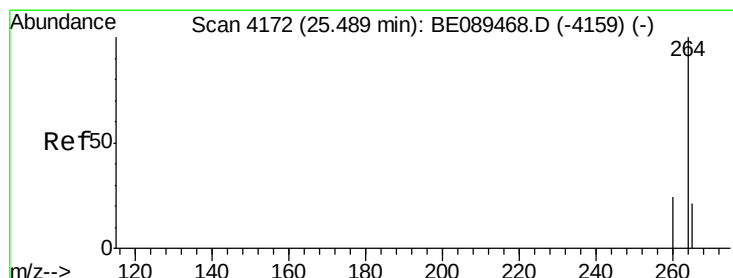
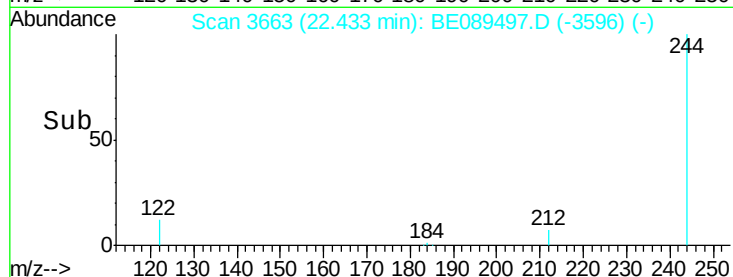
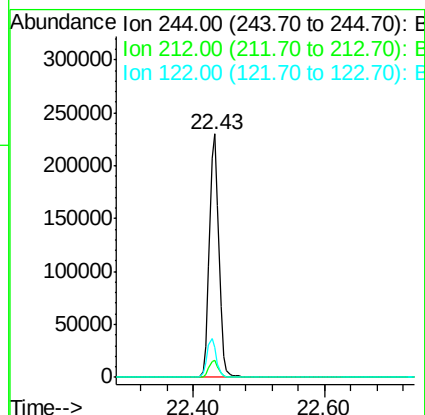
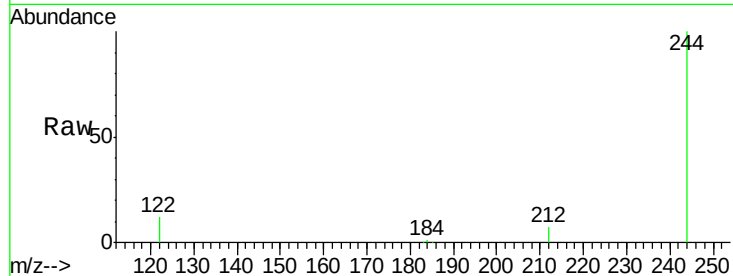




#22
 Terphenyl-d14
 Concen: 7.47 ng
 RT: 22.43 min Scan# 3663
 Delta R.T. 0.01 min
 Lab File: BE089497.D
 Acq: 4 Feb 2015 15:19

Instrument :
 BNA_E
 ClientSampleId :
 FB

Tgt Ion:244 Resp: 231875
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.4 12.6 19.0#



#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.49 min Scan# 4172
 Delta R.T. 0.01 min
 Lab File: BE089497.D
 Acq: 4 Feb 2015 15:19

Tgt Ion:264 Resp: 203864
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 17.0 25.6

