

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010515\
 Data File : BE089320.D
 Acq On : 5 Jan 2015 18:42
 Operator : TP/IZ
 Sample : PB81193BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 06 13:26:10 2015
 Quant Method : Z:\HPCHEM1\BNA_E\methods\SIM-BE121914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 20 00:43:57 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	29678	5.00	ng	0.00
7) Naphthalene-d8	8.50	136	114705	5.00	ng	0.00
13) Acenaphthene-d10	10.65	164	54814	5.00	ng	0.00
17) Phenanthrene-d10	12.71	188	81463	5.00	ng	0.00
20) Chrysene-d12	18.05	240	53457	5.00	ng	0.00
27) Perylene-d12	21.11	264	42868	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.26	112	96857	15.01	ng	0.00
4) Phenol-d6	6.54	99	125314	12.92	ng	0.00
8) Nitrobenzene-d5	7.64	82	64016	7.45	ng	0.00
14) 2,4,6-Tribromophenol	11.66	330	20989	14.15	ng	0.00
15) 2-Fluorobiphenyl	9.85	172	105612	6.80	ng	0.00
22) Terphenyl-d14	15.84	244	71278	7.47	ng	0.00

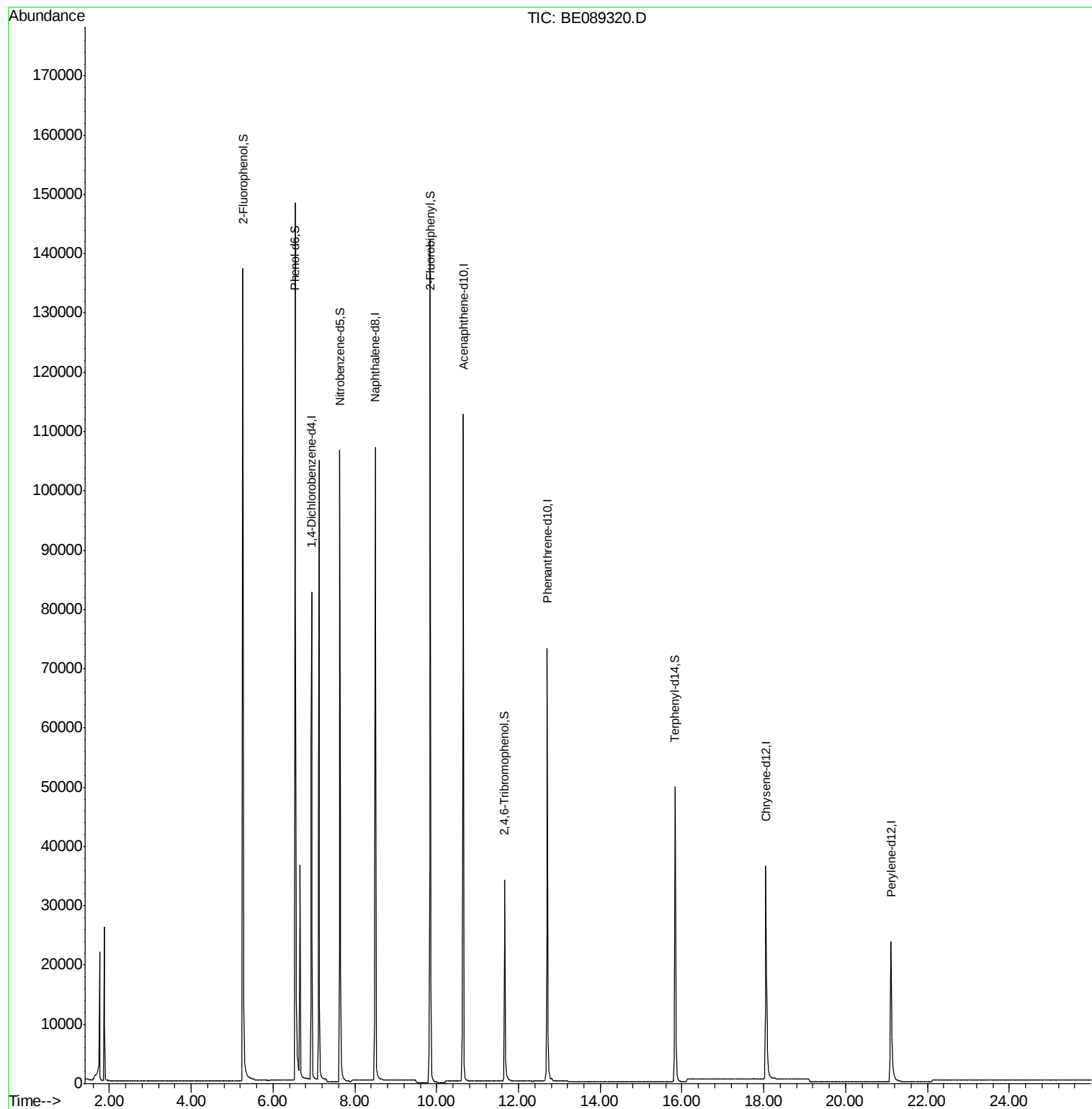
Target Compounds	Qvalue
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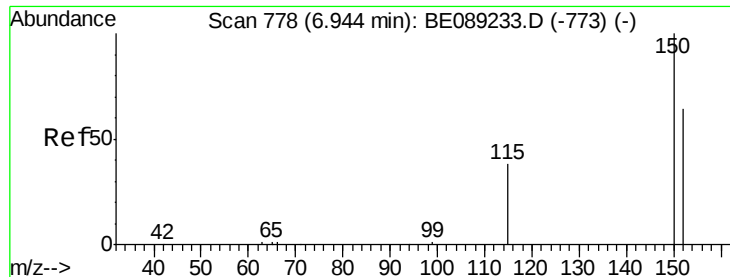
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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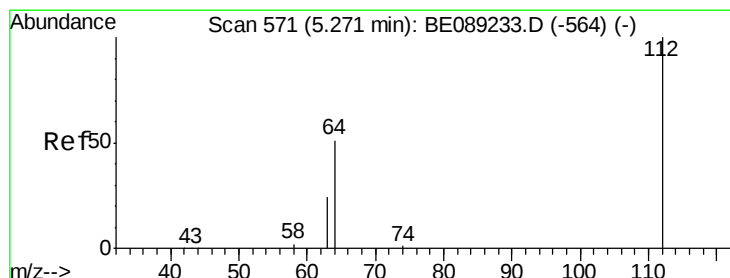
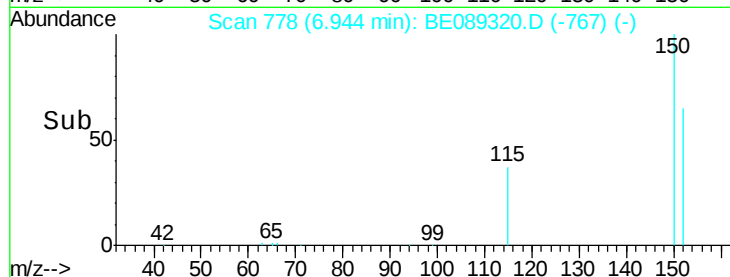
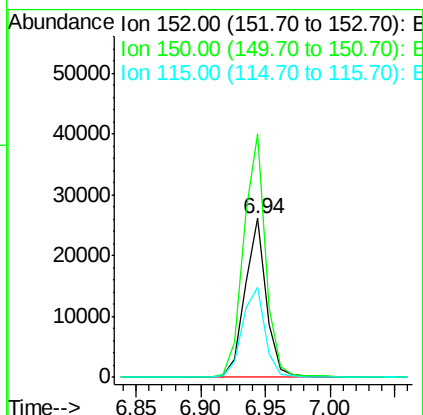
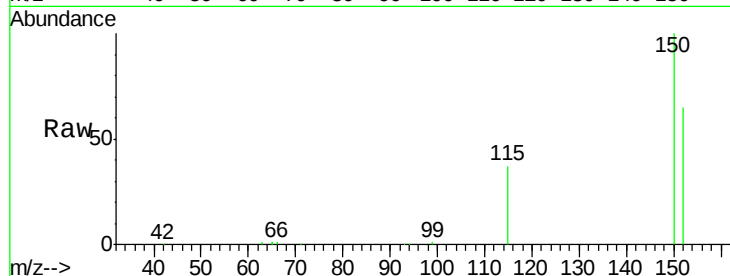




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.94 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BE089320.D
 Acq: 5 Jan 2015 18:42

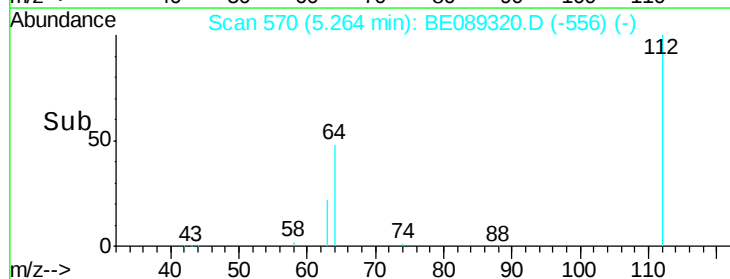
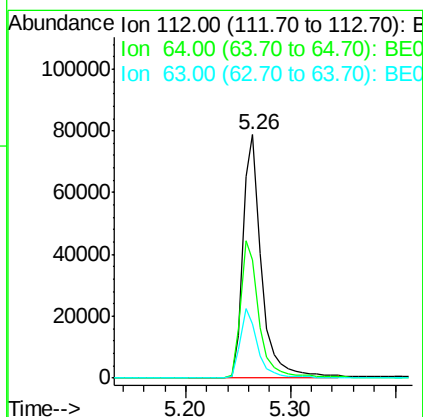
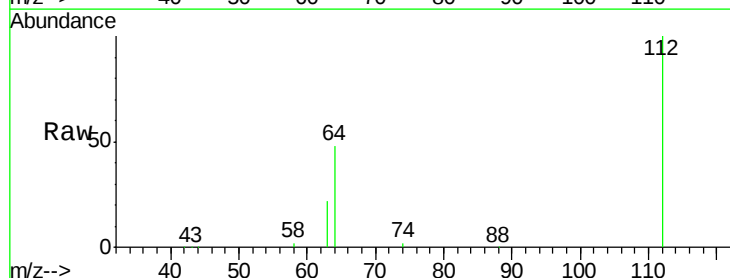
Instrument :
 BNA_E
 ClientSampled :

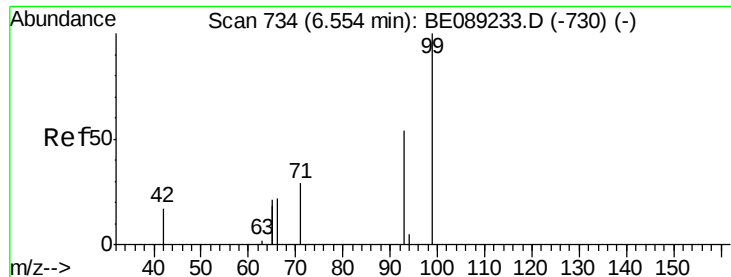
Tgt Ion:152 Resp: 29678
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.5 188.3
 115 56.4 47.4 71.2



#3
 2-Fluorophenol
 Concen: 15.01 ng
 RT: 5.26 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BE089320.D
 Acq: 5 Jan 2015 18:42

Tgt Ion:112 Resp: 96857
 Ion Ratio Lower Upper
 112 100
 64 48.3 45.4 68.0
 63 22.0 23.6 35.4#





#4

Phenol-d6

Concen: 12.92 ng

RT: 6.54 min Scan# 733

Delta R.T. -0.01 min

Lab File: BE089320.D

Acq: 5 Jan 2015 18:42

Instrument :

BNA_E

ClientSampleId :

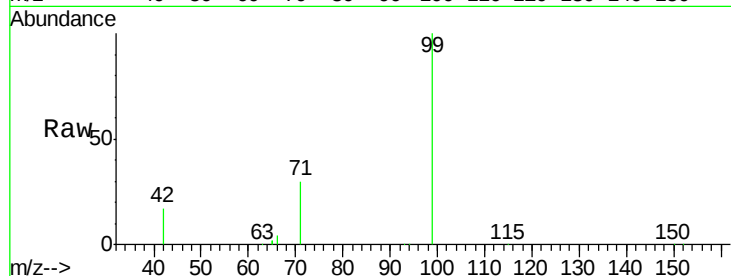
Tgt Ion: 99 Resp: 125314

Ion Ratio Lower Upper

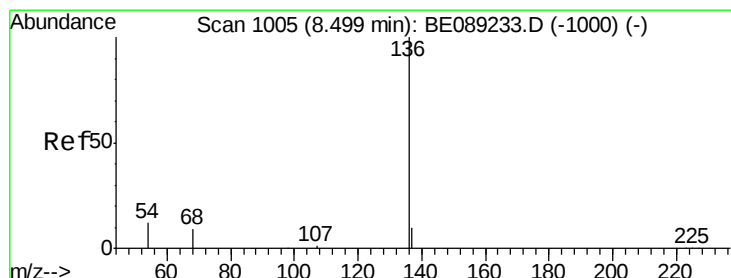
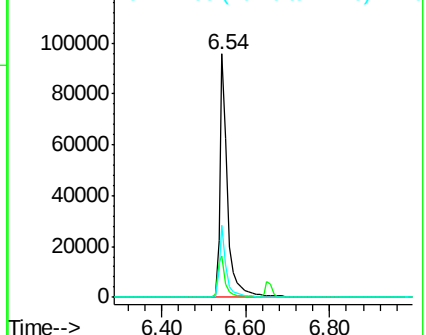
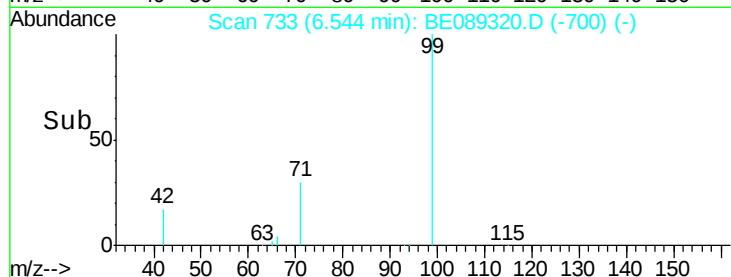
99 100

42 17.2 14.6 22.0

71 29.7 23.5 35.3



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: 8.50 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE089320.D

Acq: 5 Jan 2015 18:42

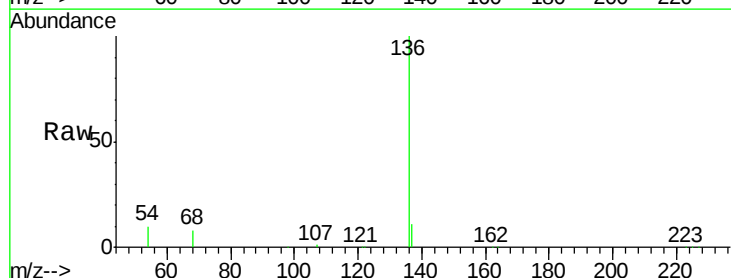
Tgt Ion: 136 Resp: 114705

Ion Ratio Lower Upper

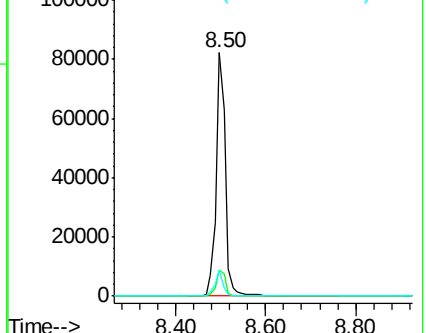
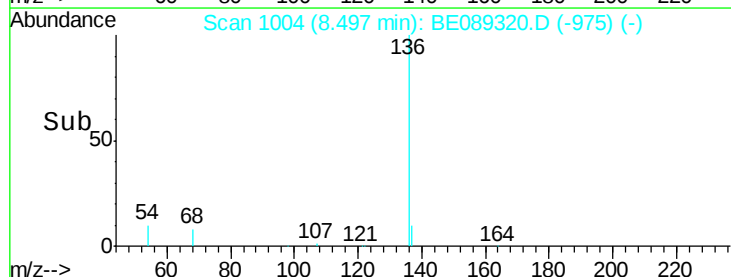
136 100

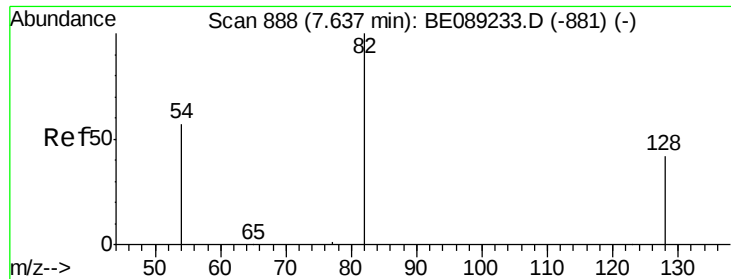
137 10.5 8.4 12.6

54 10.5 9.4 14.2



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): BE0





#8

Nitrobenzene-d5

Concen: 7.45 ng

RT: 7.64 min Scan# 888

Delta R.T. -0.00 min

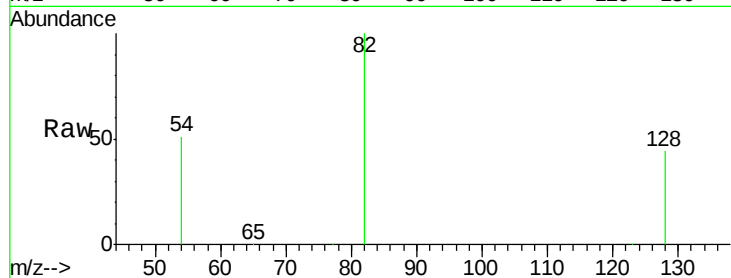
Lab File: BE089320.D

Acq: 5 Jan 2015 18:42

Instrument :

BNA_E

ClientSampleId :



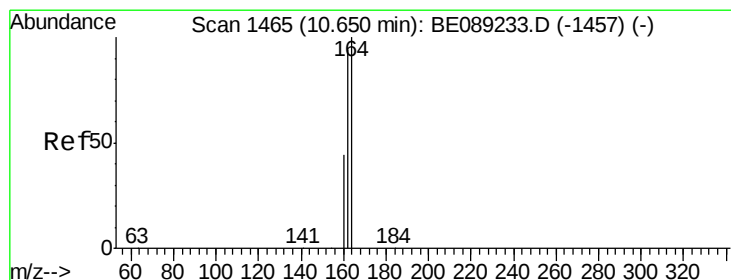
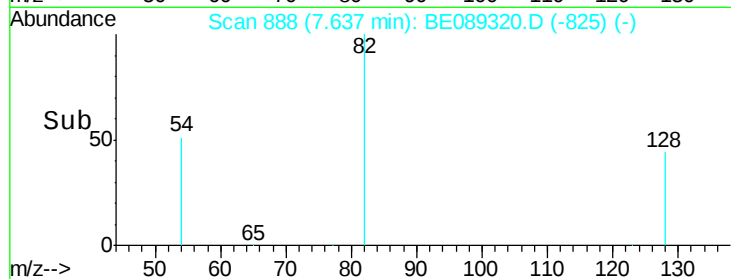
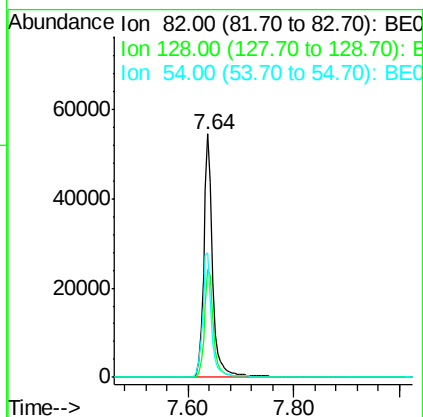
Tgt Ion: 82 Resp: 64016

Ion Ratio Lower Upper

82 100

128 44.4 34.1 51.1

54 51.0 45.6 68.4



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.65 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BE089320.D

Acq: 5 Jan 2015 18:42

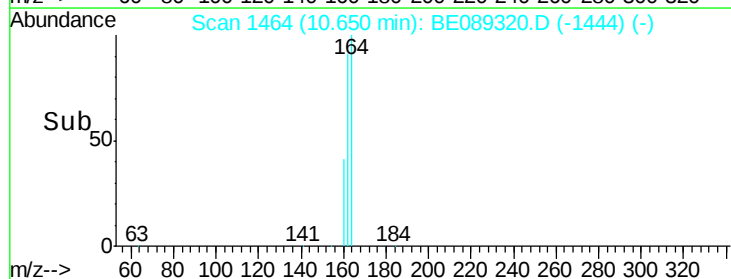
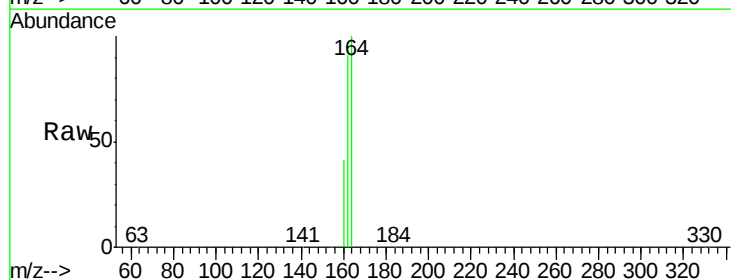
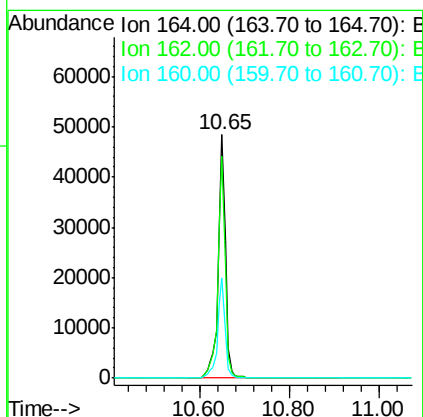
Tgt Ion: 164 Resp: 54814

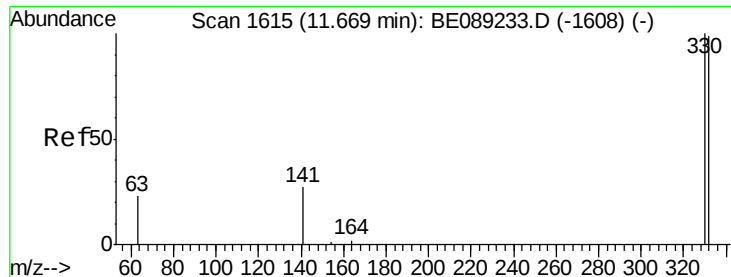
Ion Ratio Lower Upper

164 100

162 90.9 75.4 113.0

160 41.3 35.6 53.4

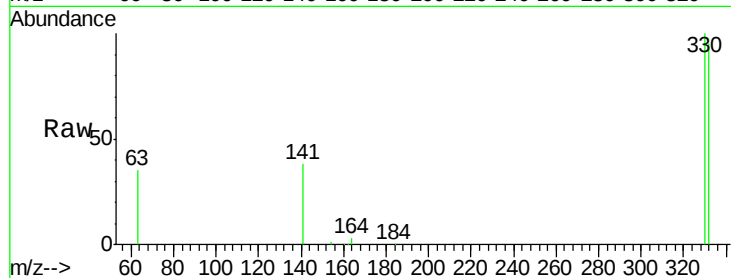




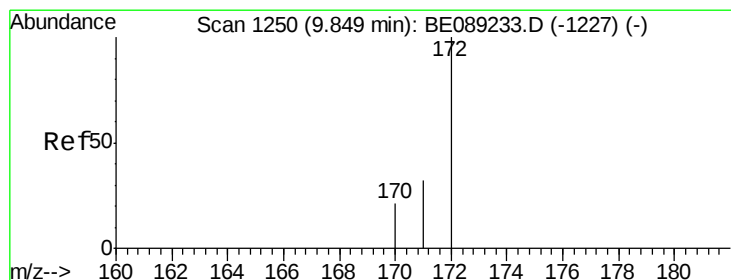
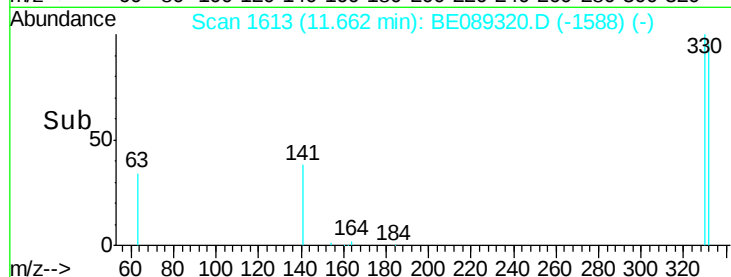
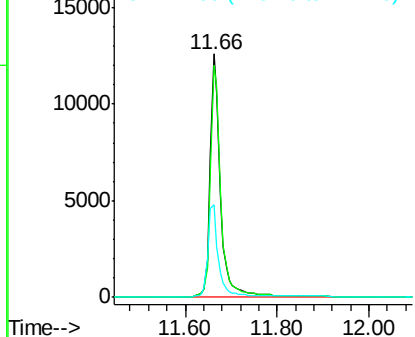
#14
 2,4,6-Tribromophenol
 Concen: 14.15 ng
 RT: 11.66 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BE089320.D
 Acq: 5 Jan 2015 18:42

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:330 Resp: 20989
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.1 117.1
 141 41.9 29.4 44.0

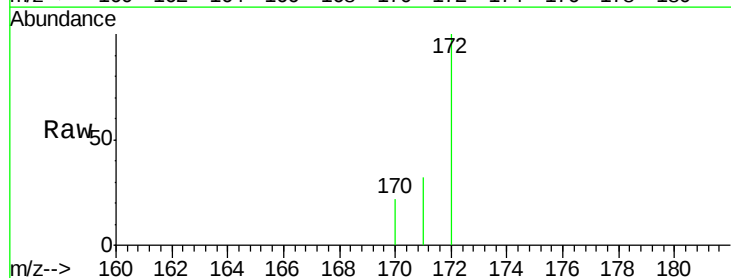


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

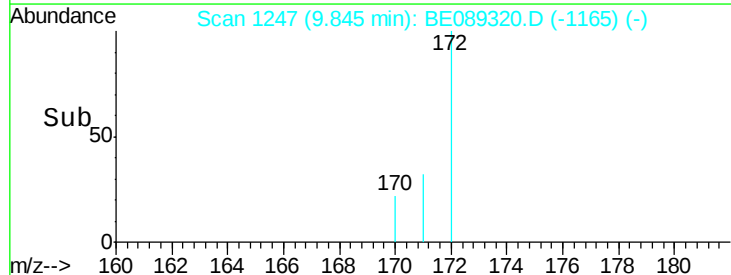
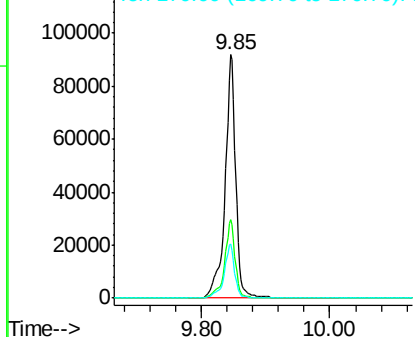


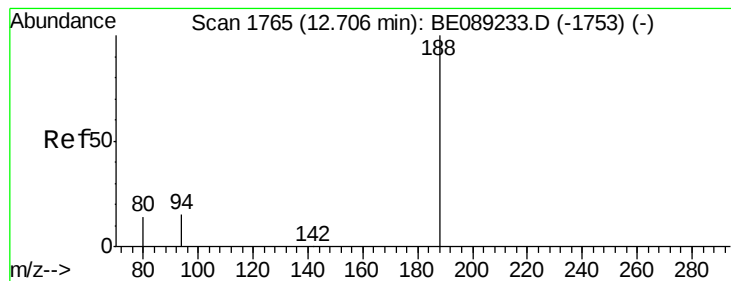
#15
 2-Fluorobiphenyl
 Concen: 6.80 ng
 RT: 9.85 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BE089320.D
 Acq: 5 Jan 2015 18:42

Tgt Ion:172 Resp: 105612
 Ion Ratio Lower Upper
 172 100
 171 32.4 25.5 38.3
 170 22.5 16.8 25.2



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: 12.71 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BE089320.D

Acq: 5 Jan 2015 18:42

Instrument :

BNA_E

ClientSampleId :

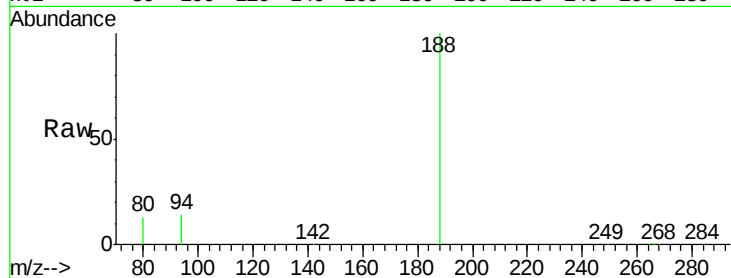
Tgt Ion:188 Resp: 81463

Ion Ratio Lower Upper

188 100

94 14.2 11.8 17.8

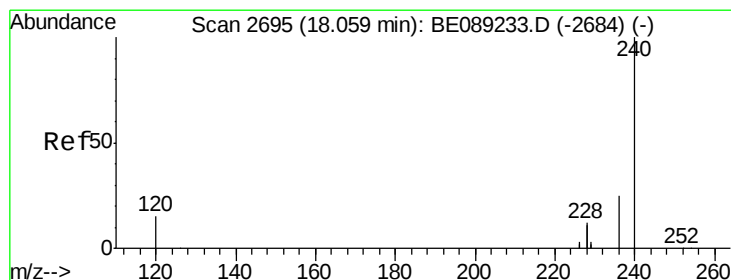
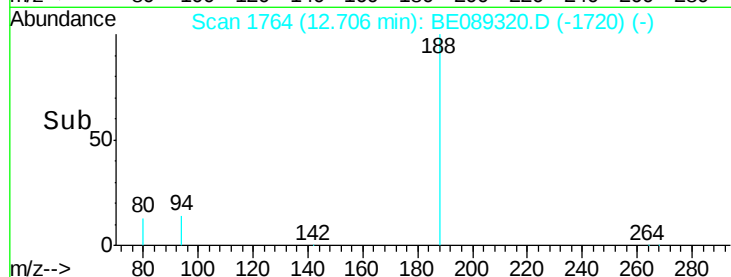
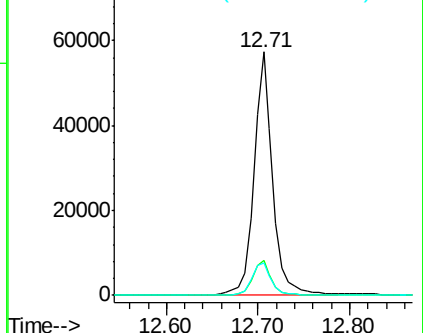
80 13.4 11.4 17.0



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: 18.05 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BE089320.D

Acq: 5 Jan 2015 18:42

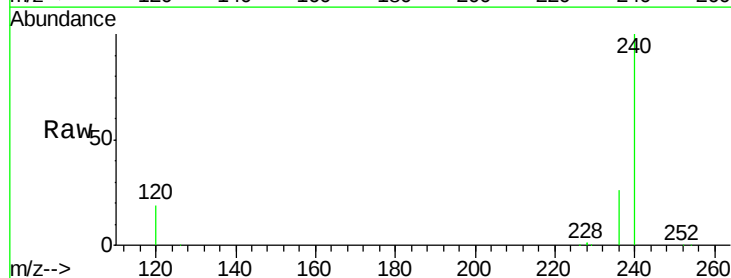
Tgt Ion:240 Resp: 53457

Ion Ratio Lower Upper

240 100

120 19.4 12.5 18.7#

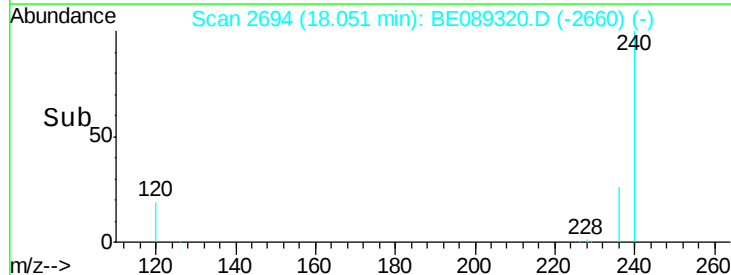
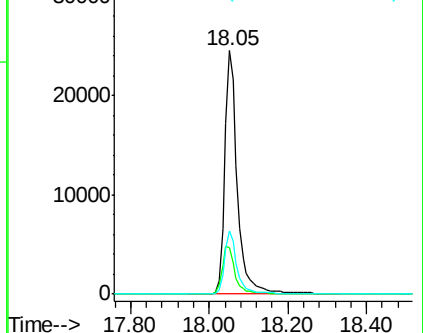
236 25.9 20.2 30.2

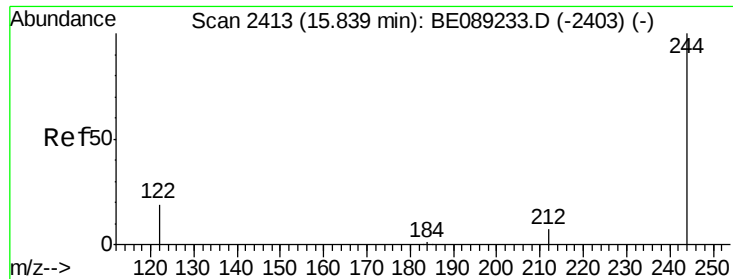


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

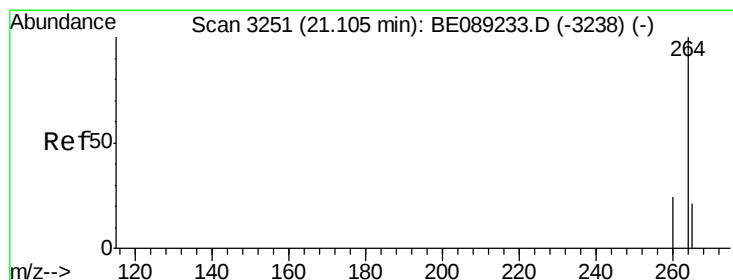
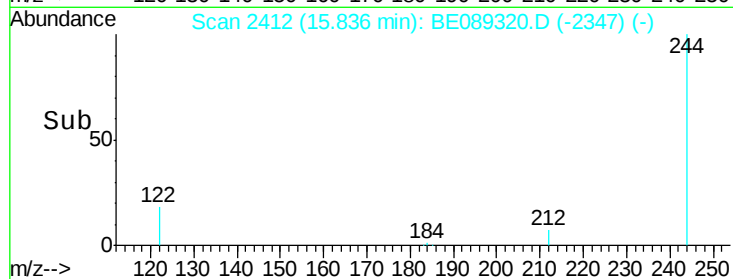
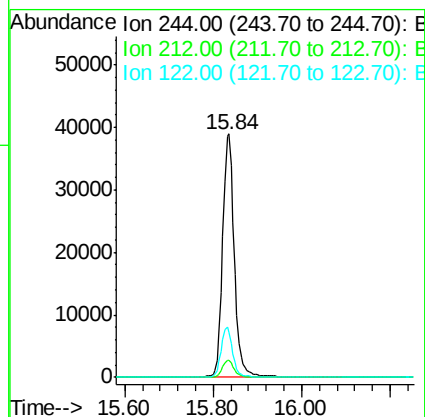
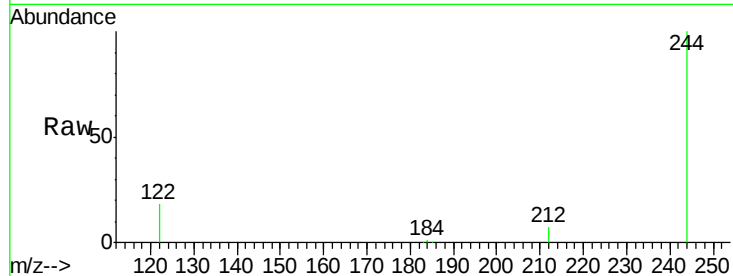




#22
 Terphenyl-d14
 Concen: 7.47 ng
 RT: 15.84 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BE089320.D
 Acq: 5 Jan 2015 18:42

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:244 Resp: 71278
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 18.4 16.2 24.2



#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 21.11 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BE089320.D
 Acq: 5 Jan 2015 18:42

Tgt Ion:264 Resp: 42868
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.8 17.1 25.7

