Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
Data File : BE090423.D
Acq On : 11 Aug 2015 4:37
Operator : TP/UM
Sample : PB84906BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84906BL

Quant Time: Aug 11 07:23:00 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	29259	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	136220	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	81130	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	187524	5.00	ng	0.00
25) Chrysene-d12	21.09	240	210139	5.00	ng	0.00
32) Perylene-d12	23.40	264	195219	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	34030	7.75	ng	0.00
5) Phenol-d6	6.77	99	49788	5.31	ng	0.00
7) Nitrobenzene-d5	8.73	82	27067	2.54	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	13169	6.02	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	64848	2.91	ng	0.00
27) Terphenyl-d14	19.56	244	111483	3.60	ng	0.00
Target Compounds						Qvalue

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

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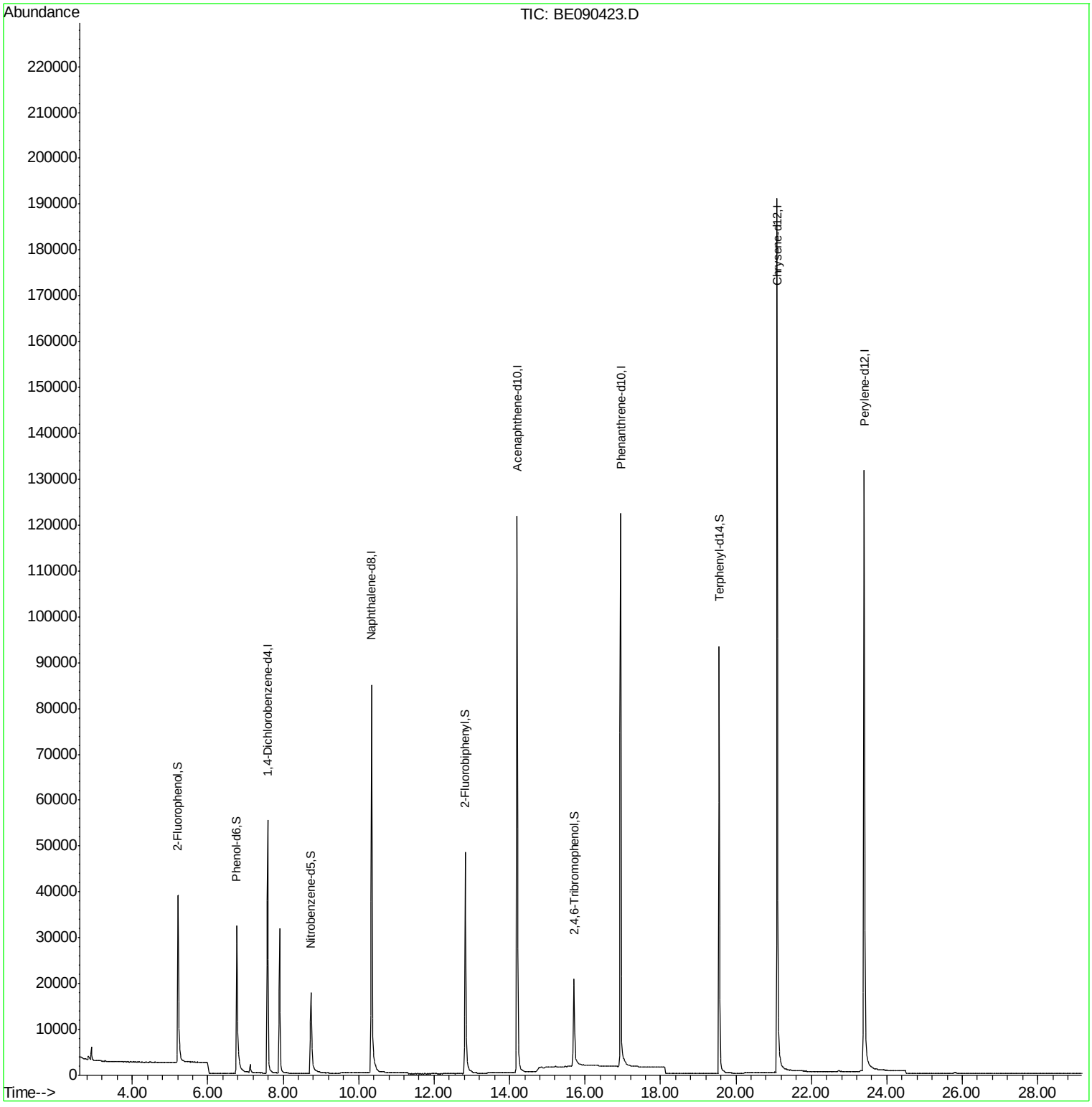
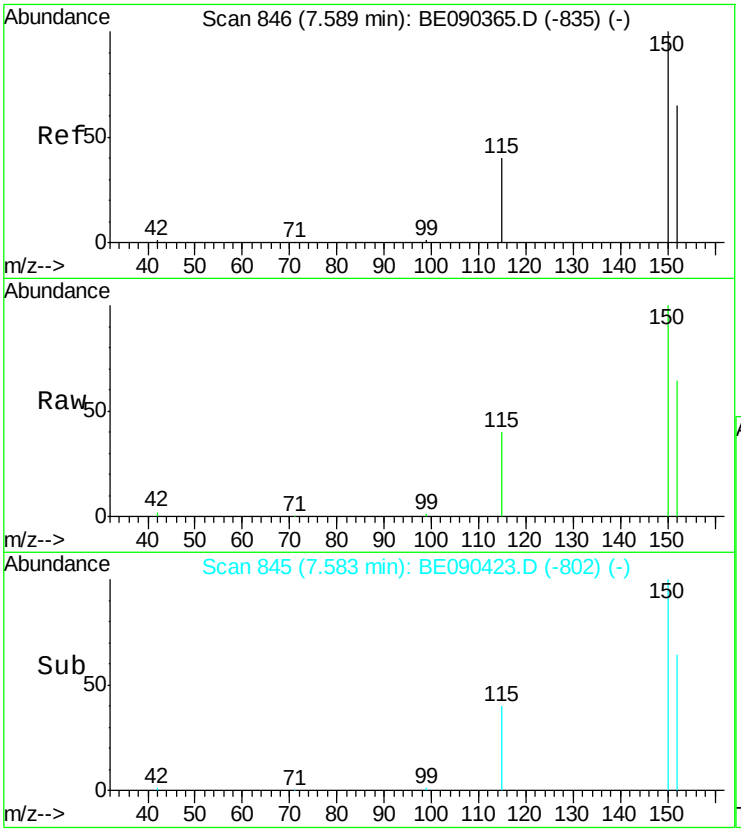
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



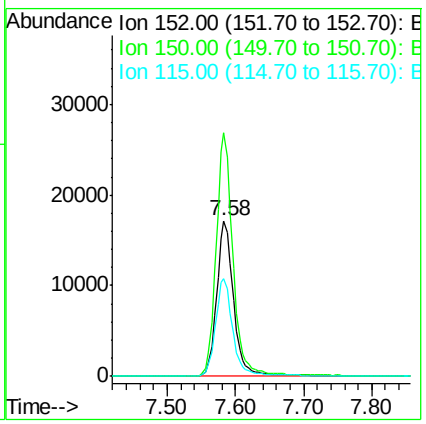


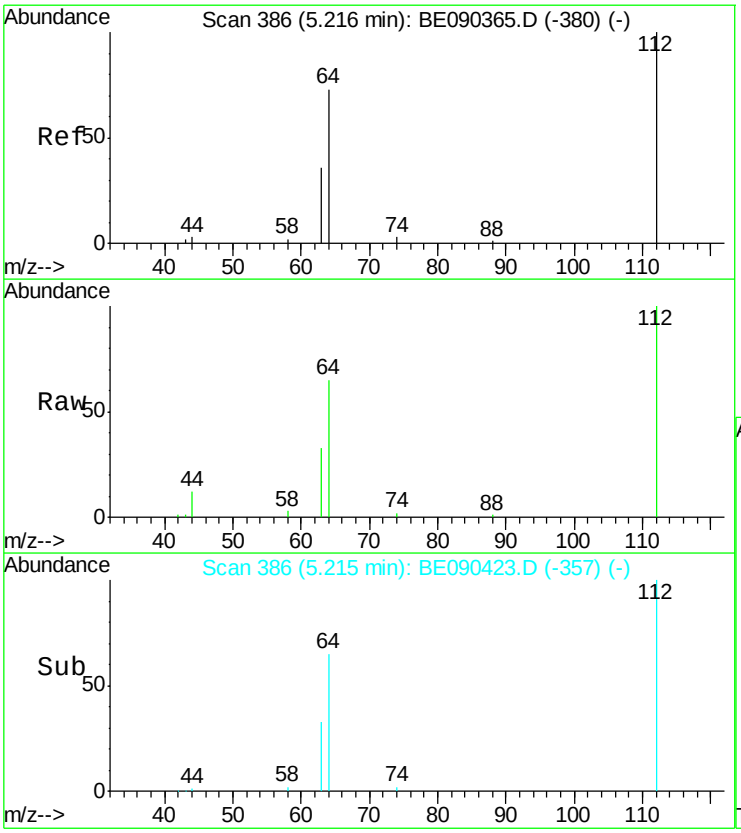
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampleId :
PB84906BL

Tgt Ion:152 Resp: 29259

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	62.9	48.9	73.3

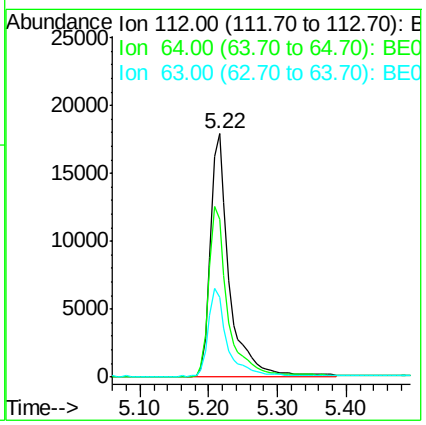


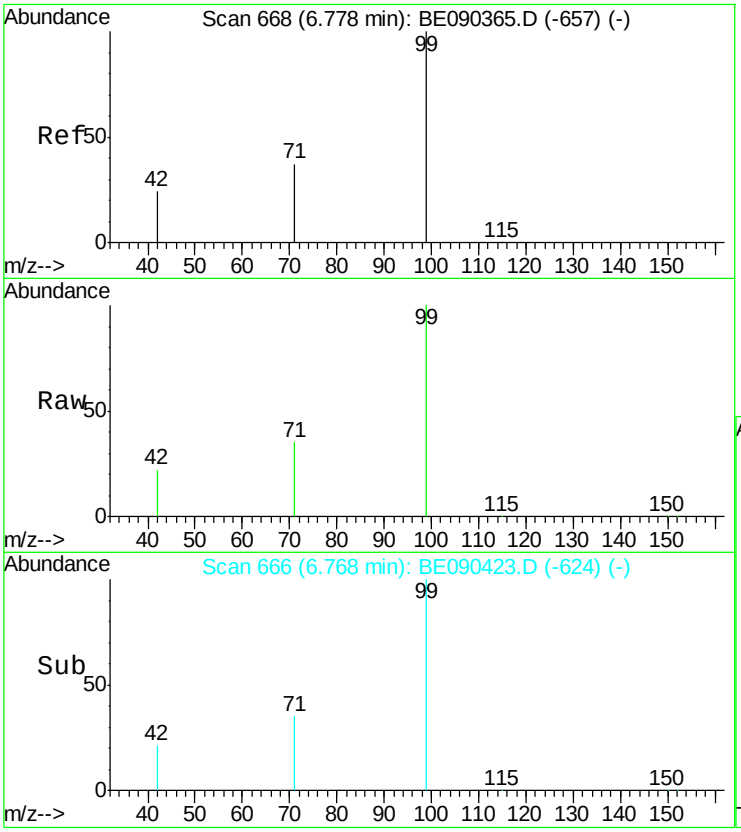


#4
2-Fluorophenol
Concen: 7.75 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:112 Resp: 34030

Ion	Ratio	Lower	Upper
112	100		
64	70.2	37.1	55.7#
63	36.2	19.5	29.3#



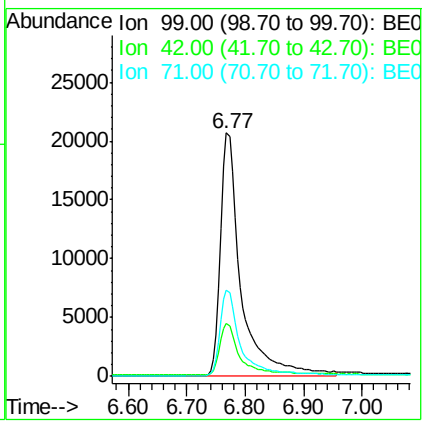


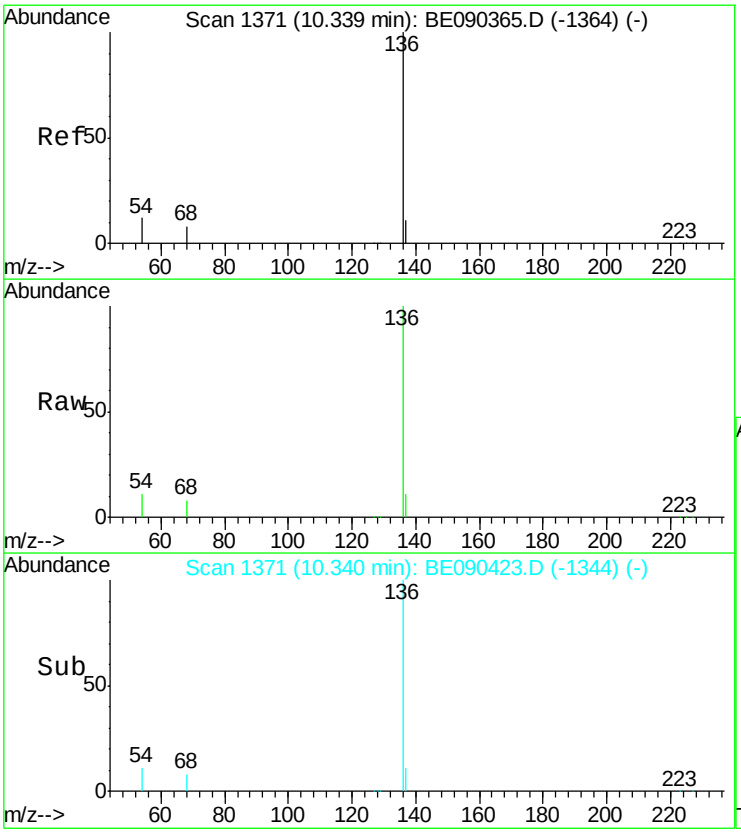
#5
Phenol-d6
Concen: 5.31 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampleId :
PB84906BL

Tgt Ion: 99 Resp: 49788

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.4
71	35.1	27.4	41.0

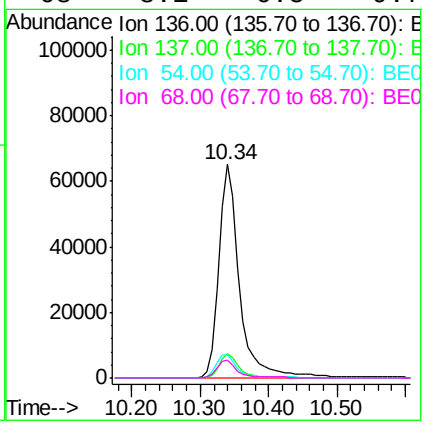


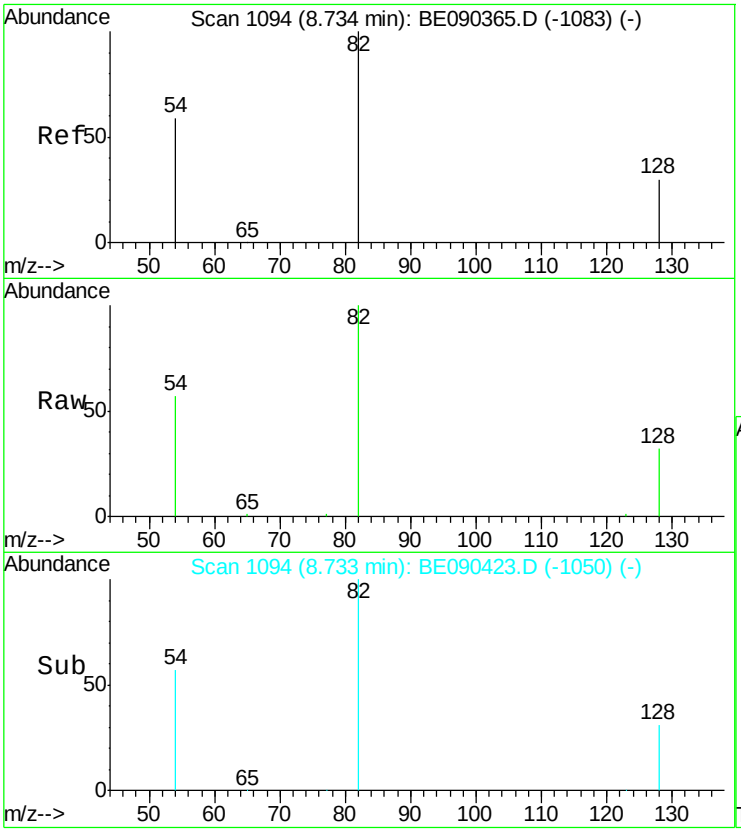


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:136 Resp: 136220

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.0	9.4	14.0
68	8.1	6.5	9.7



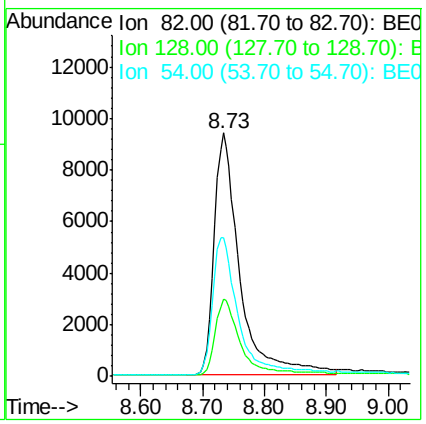


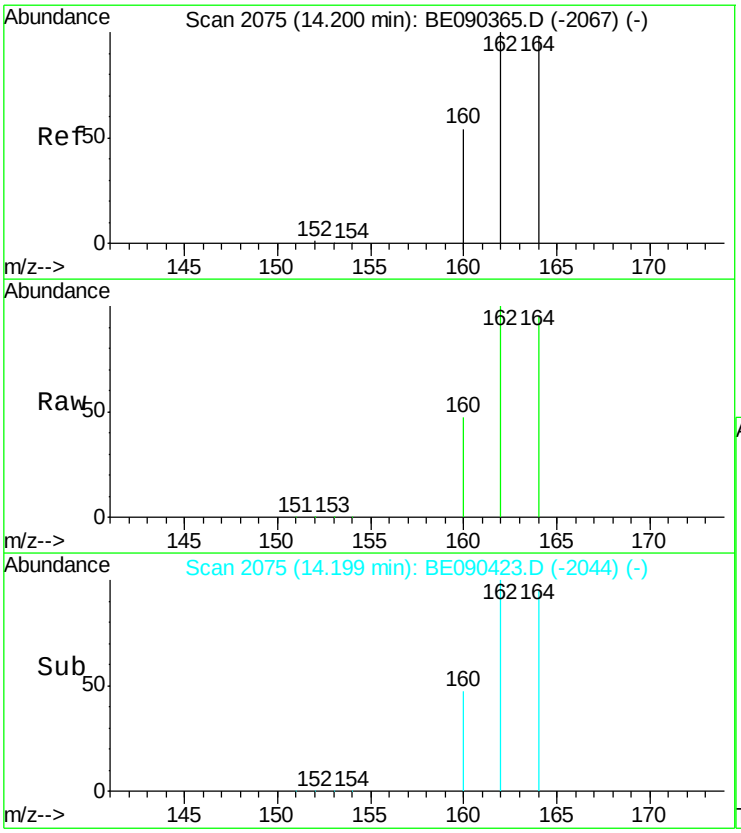
#7
Nitrobenzene-d5
Concen: 2.54 ng
RT: 8.73 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampleId :
PB84906BL

Tgt Ion: 82 Resp: 27067

Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.0	37.6
54	57.1	48.8	73.2

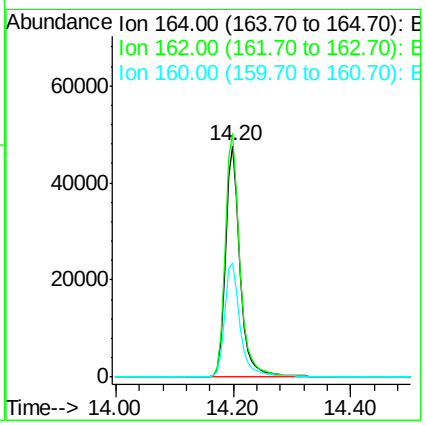


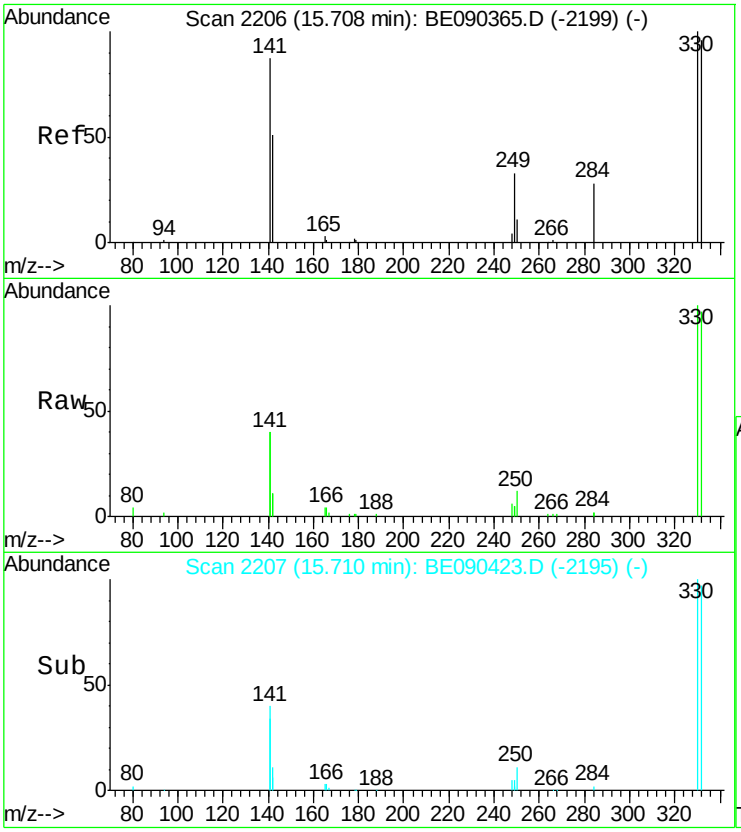


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:164 Resp: 81130

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.8	122.8
160	49.5	44.2	66.4



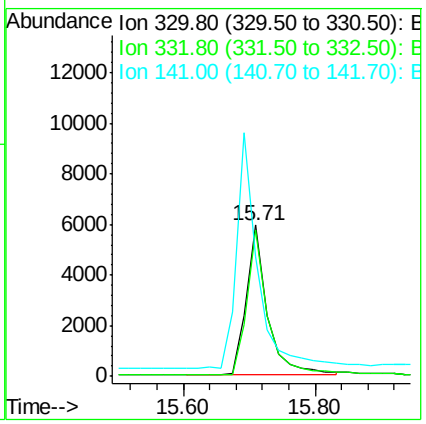


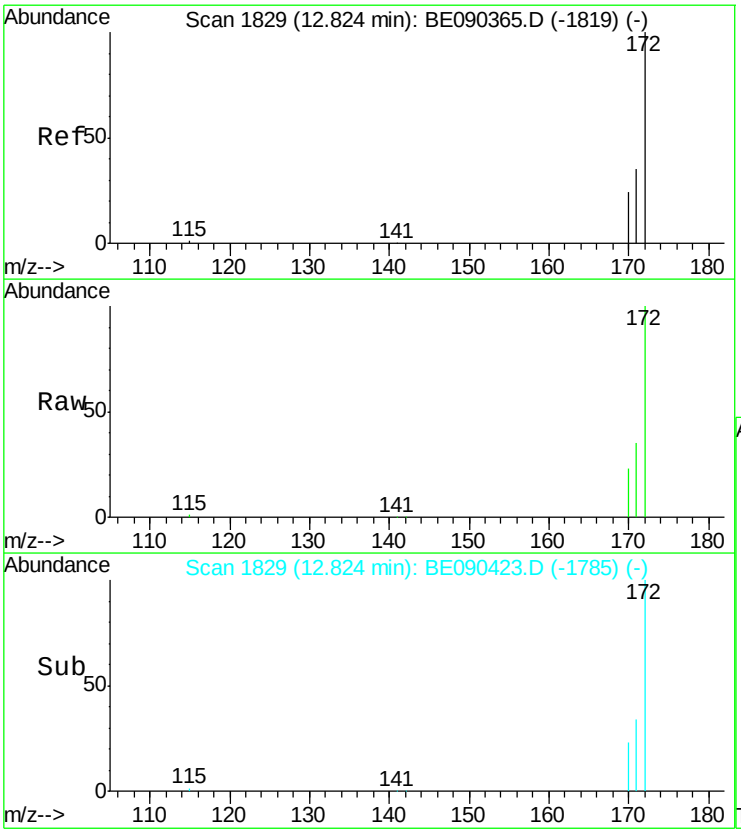
#13
2,4,6-Tribromophenol
Concen: 6.02 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampleId :
PB84906BL

Tgt Ion:330 Resp: 13169

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.6
141	157.4	114.4	171.6

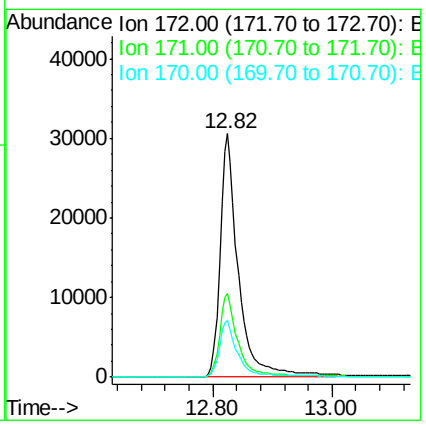


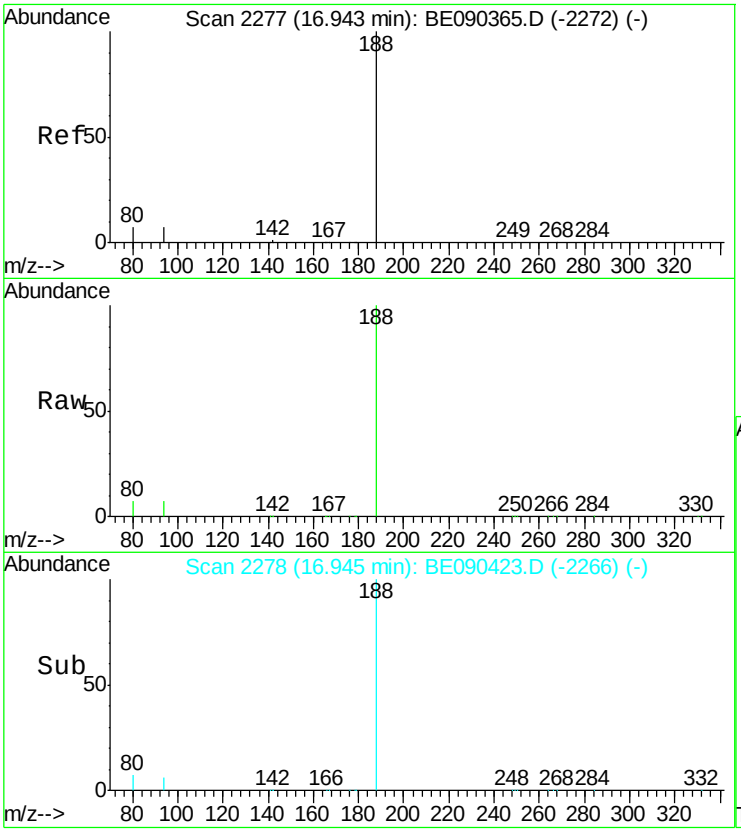


#14
2-Fluorobiphenyl
Concen: 2.91 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:172 Resp: 64848

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.2	19.8	29.8



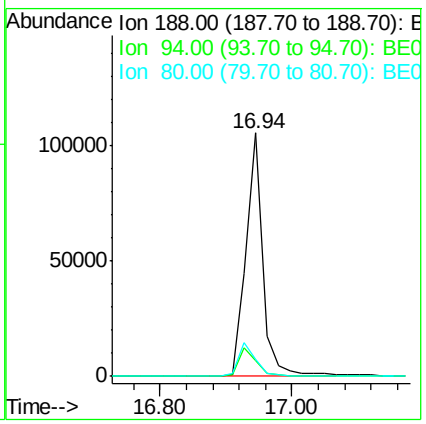


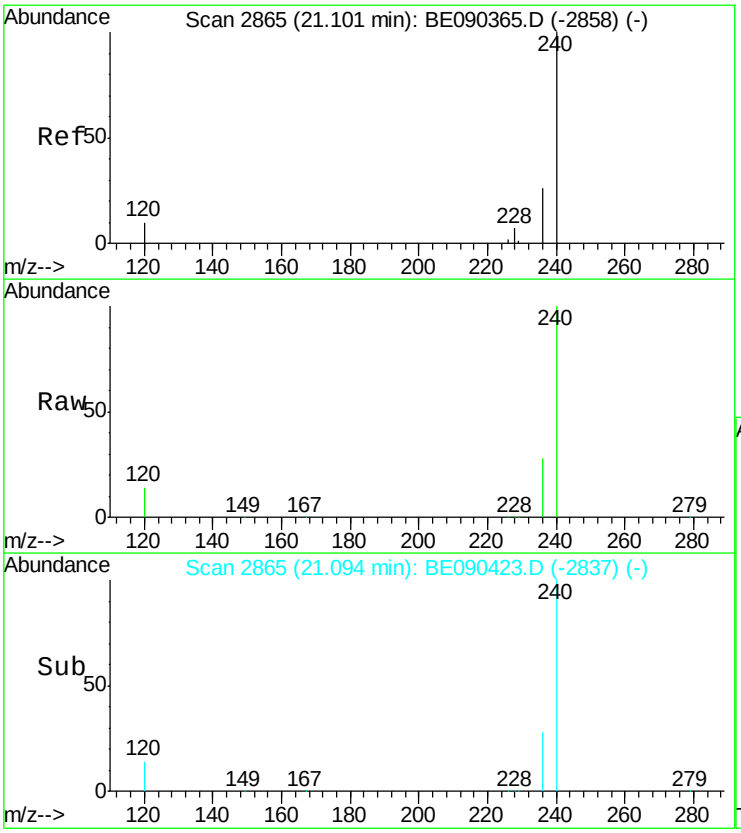
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampleId :
PB84906BL

Tgt Ion:188 Resp: 187524

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	7.1	5.8	8.8

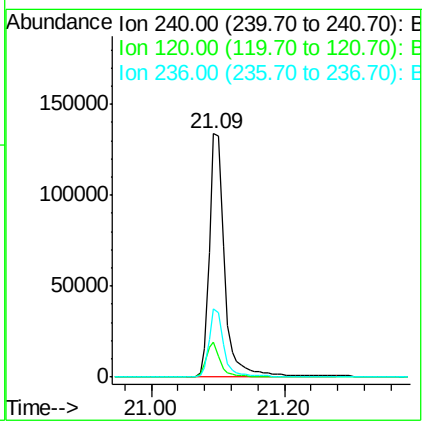


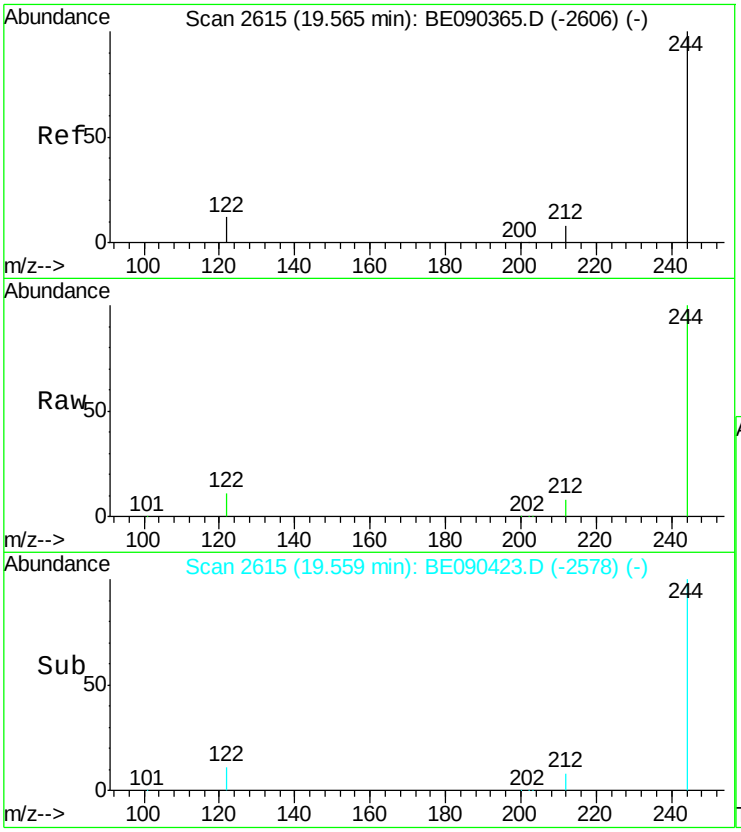


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:240 Resp: 210139

Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	27.9	21.0	31.4



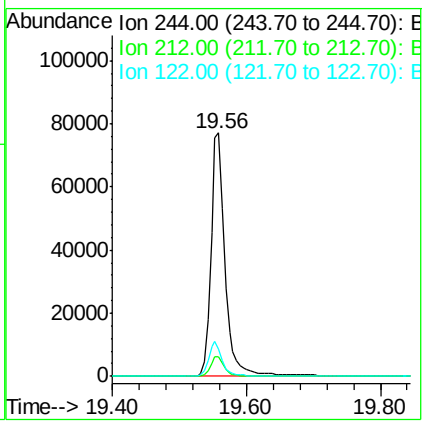


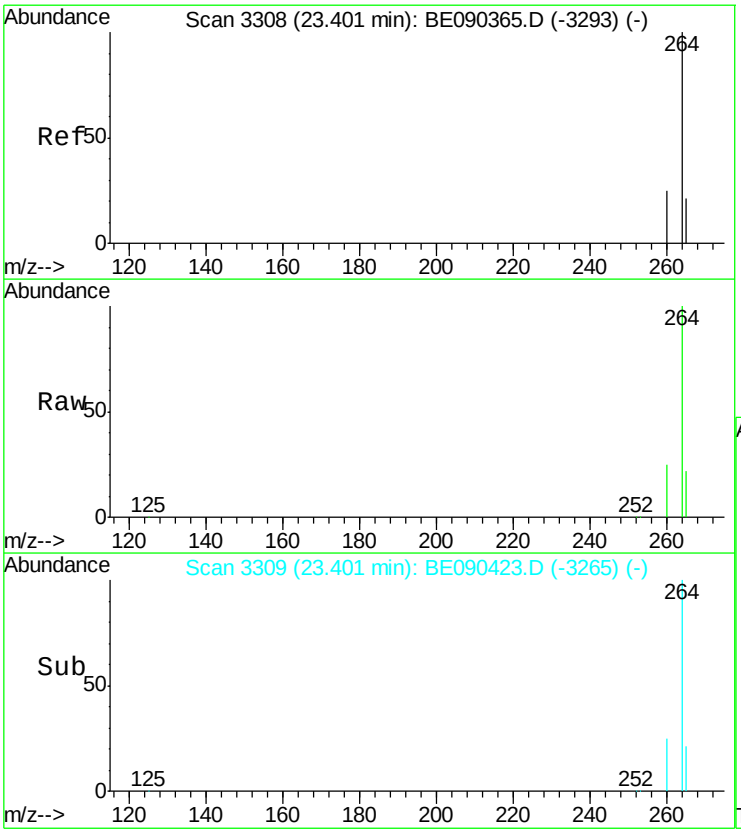
#27
Terphenyl-d14
Concen: 3.60 ng
RT: 19.56 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Instrument :
BNA_E
ClientSampleId :
PB84906BL

Tgt Ion:244 Resp: 111483

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	11.2	10.2	15.4





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3309
Delta R.T. -0.00 min
Lab File: BE090423.D
Acq: 11 Aug 2015 4:37

Tgt Ion:264 Resp: 195219

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.6	17.2	25.8