Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
Data File : BE091723.D
Acq On : 27 Apr 2016 13:10
Operator : UM/SJ
Sample : PB90018BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90018BL

Quant Time: Apr 28 03:22:50 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	33697	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	153856	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	89469	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	236877	5.00	ng	0.00
26) Chrysene-d12	21.31	240	261661	5.00	ng	0.00
35) Perylene-d12	23.75	264	257058	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	50142	6.06	ng	0.00
5) Phenol-d6	6.95	99	68391	6.23	ng	0.00
8) Nitrobenzene-d5	8.95	82	29186	2.94	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	20051	6.06	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	84370	3.33	ng	0.00
29) Terphenyl-d14	19.76	244	153105	3.75	ng	0.00
Target Compounds						Qvalue

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

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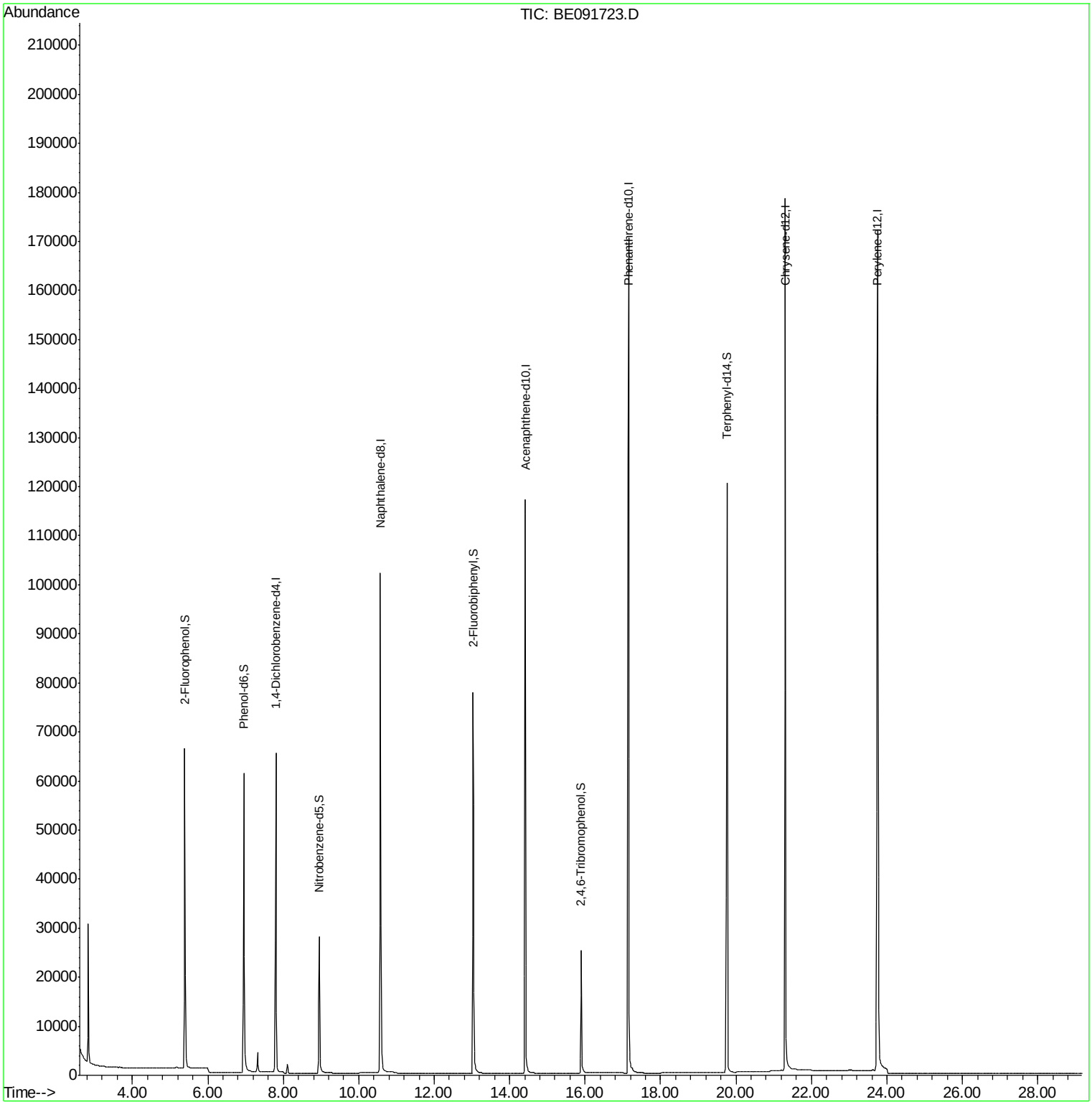
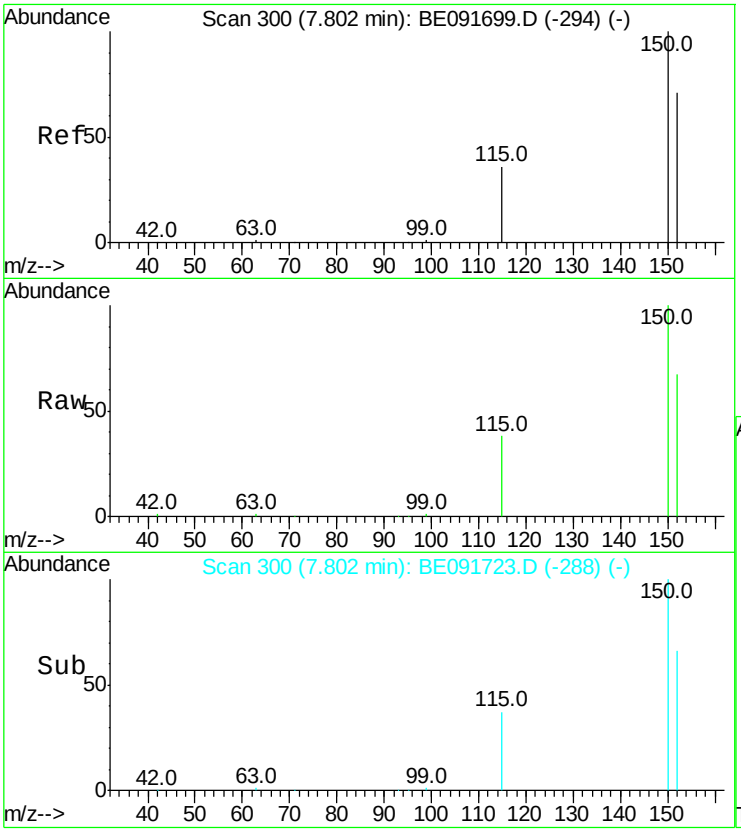


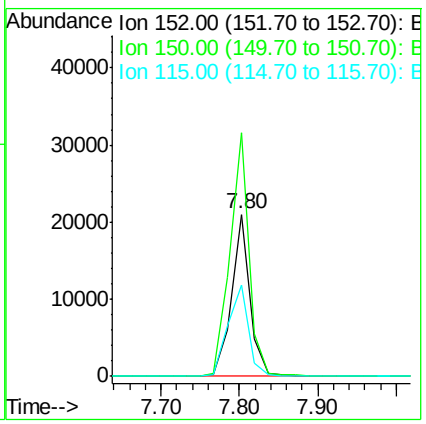


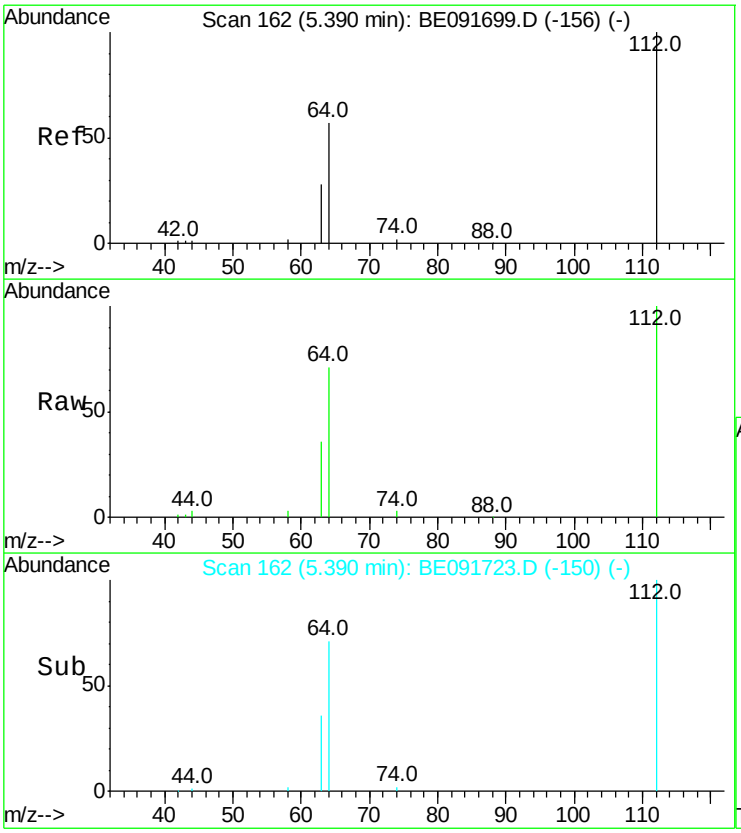
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Instrument :
BNA_E
ClientSampleId :
PB90018BL

Tgt Ion:152 Resp: 33697

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.6	183.8
115	56.4	52.8	79.2

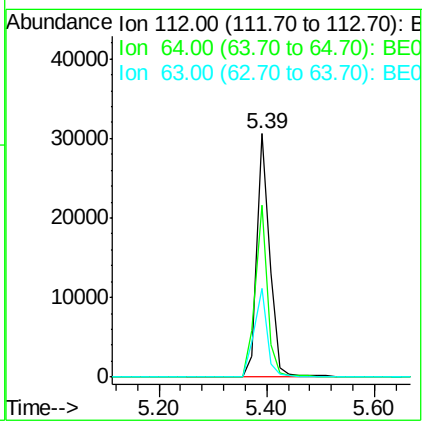


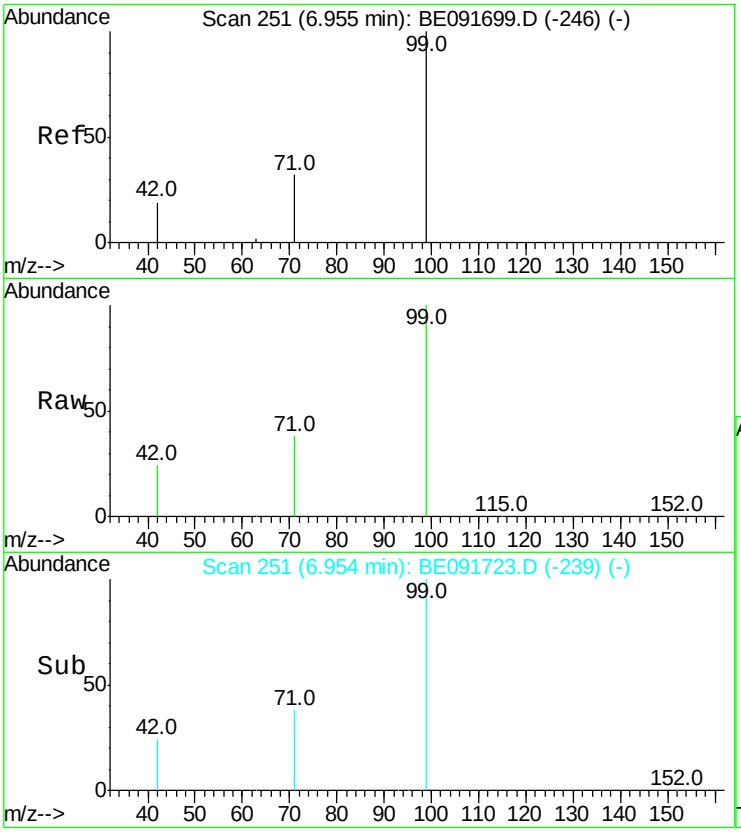


#4
2-Fluorophenol
Concen: 6.06 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Tgt Ion:112 Resp: 50142

Ion	Ratio	Lower	Upper
112	100		
64	67.2	30.9	46.3#
63	36.6	16.7	25.1#



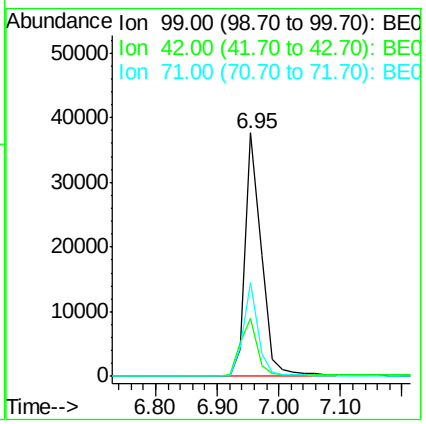


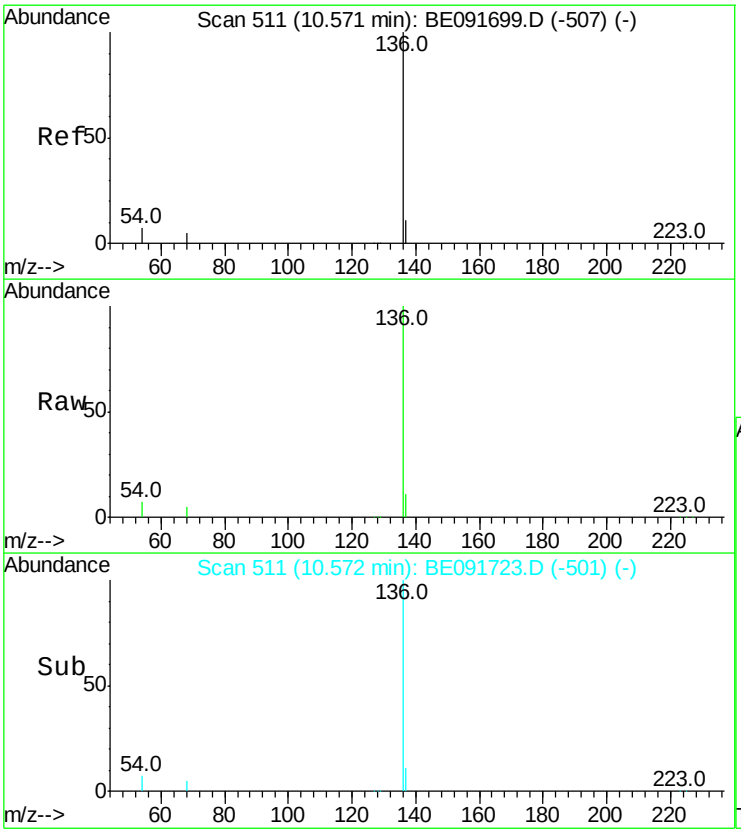
#5
Phenol-d6
Concen: 6.23 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Instrument :
BNA_E
ClientSampleId :
PB90018BL

Tgt Ion: 99 Resp: 68391

Ion	Ratio	Lower	Upper
99	100		
42	25.2	16.2	24.2#
71	35.8	29.0	43.4

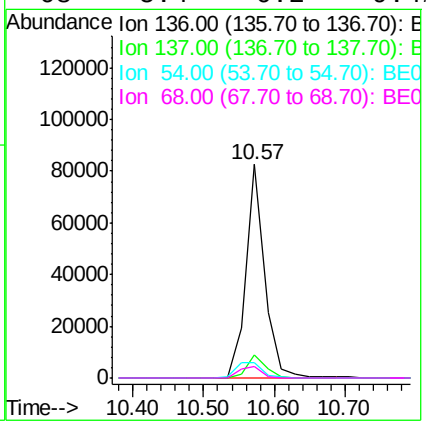


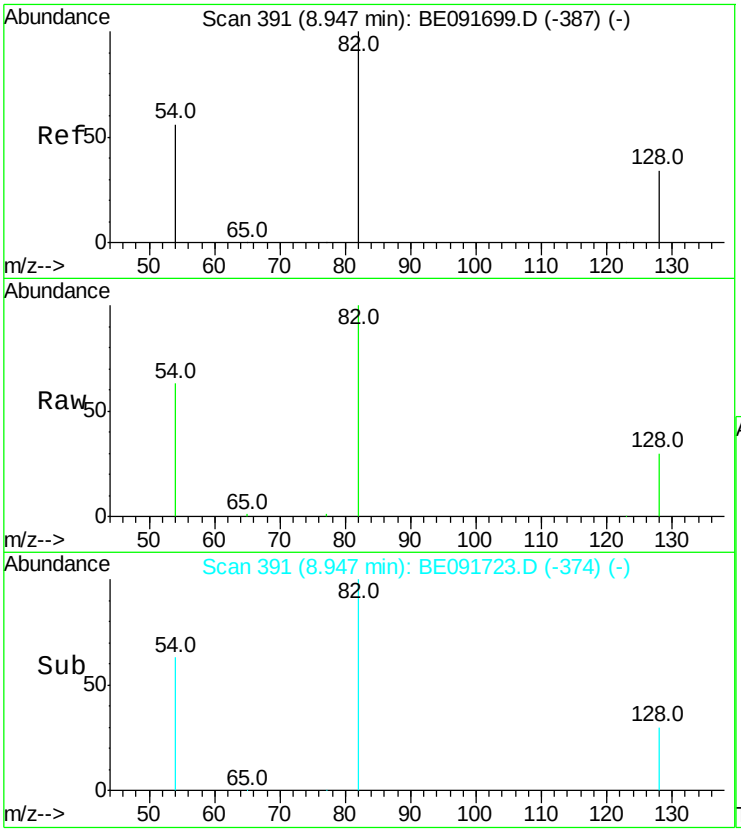


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Tgt Ion:136 Resp: 153856

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	8.2	12.4#
68	5.4	6.2	9.4#



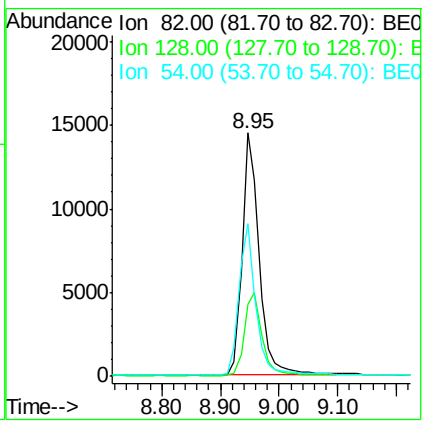


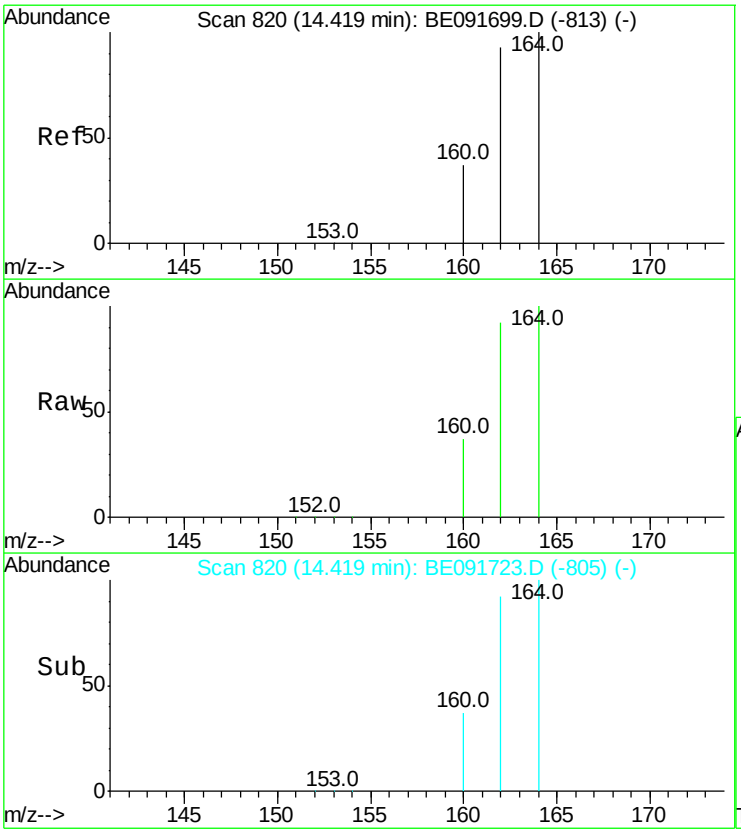
#8
Nitrobenzene-d5
Concen: 2.94 ng
RT: 8.95 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Instrument :
BNA_E
ClientSampleId :
PB90018BL

Tgt Ion: 82 Resp: 29186

Ion	Ratio	Lower	Upper
82	100		
128	29.8	25.4	38.0
54	62.7	48.4	72.6

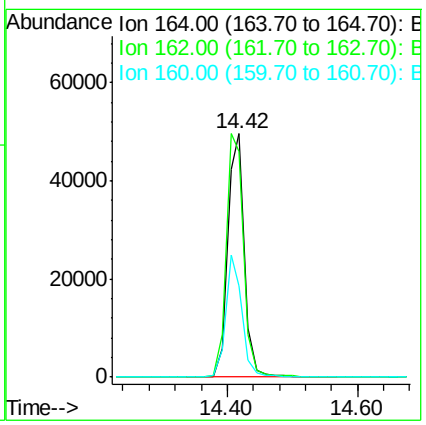


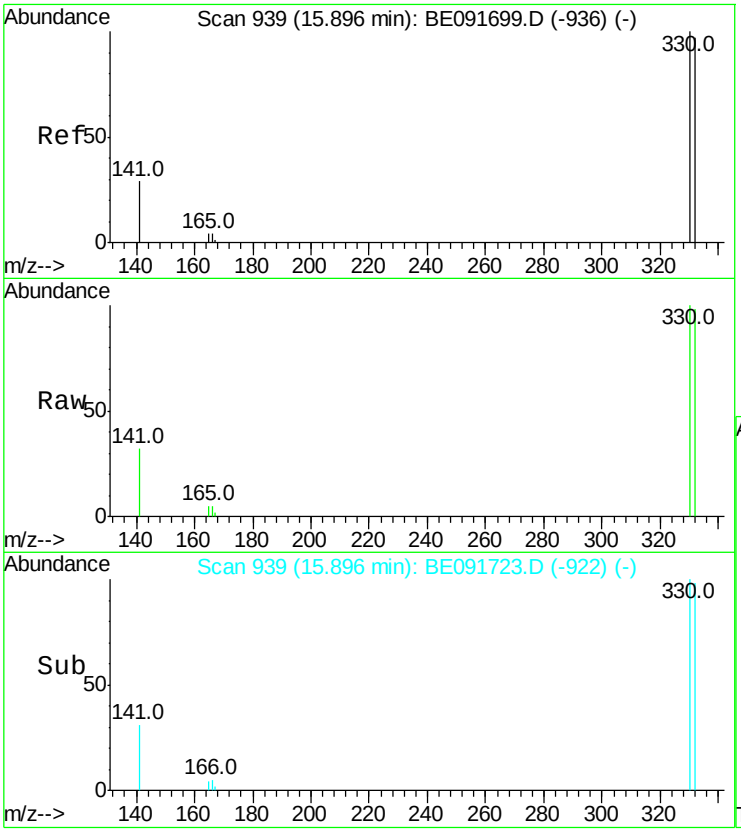


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Tgt Ion:164 Resp: 89469

Ion	Ratio	Lower	Upper
164	100		
162	92.5	85.3	127.9
160	37.2	46.2	69.2#



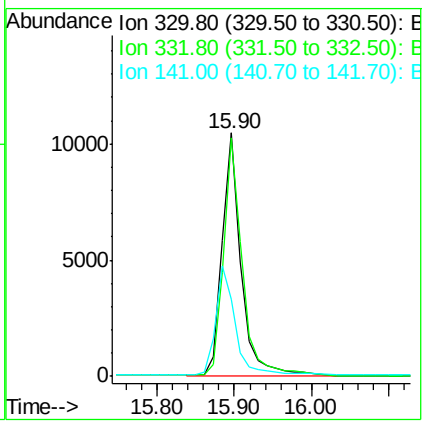


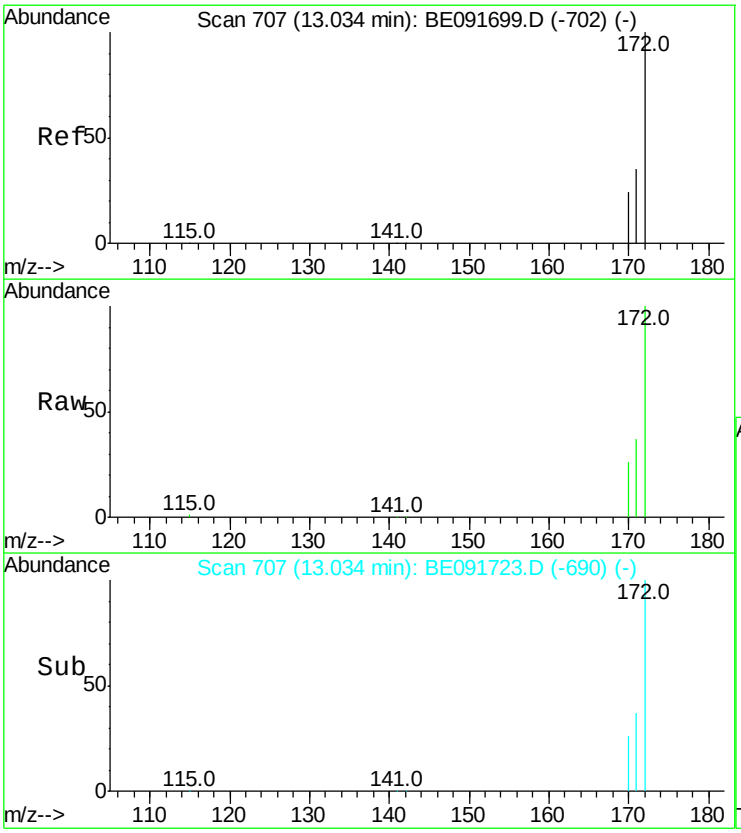
#14
2,4,6-Tribromophenol
Concen: 6.06 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Instrument :
BNA_E
ClientSampleId :
PB90018BL

Tgt Ion:330 Resp: 20051

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	44.2	125.4	188.0#

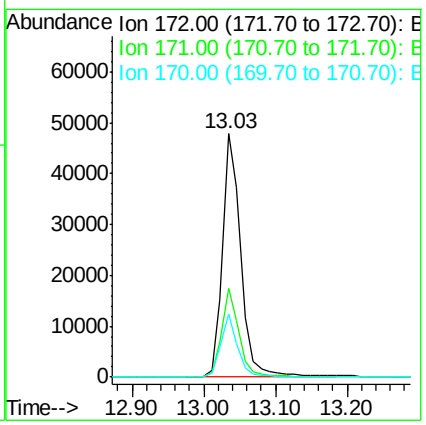


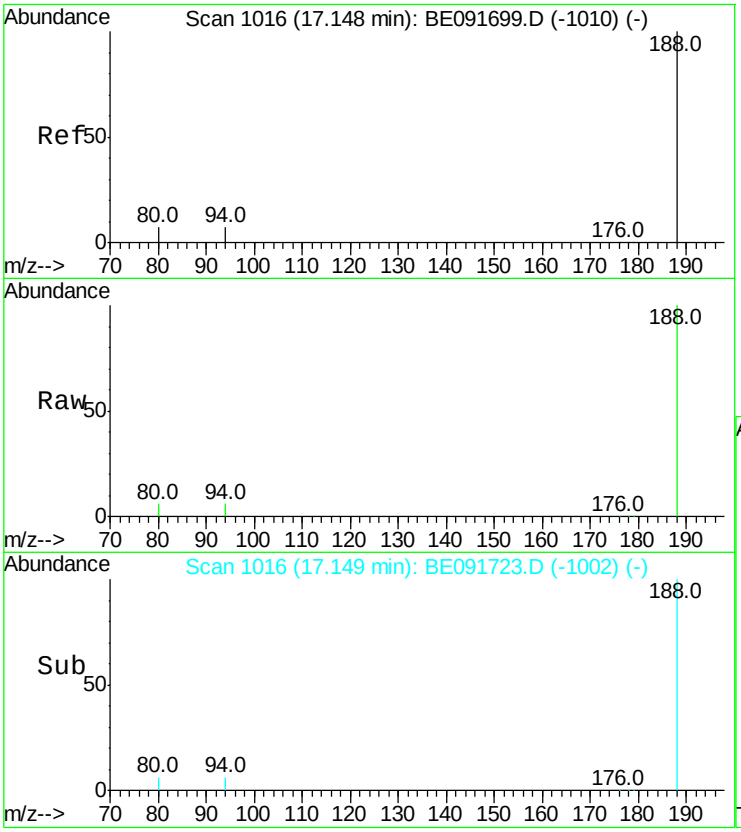


#15
2-Fluorobiphenyl
Concen: 3.33 ng
RT: 13.03 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Tgt Ion:172 Resp: 84370

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.8	43.2
170	25.7	19.3	28.9



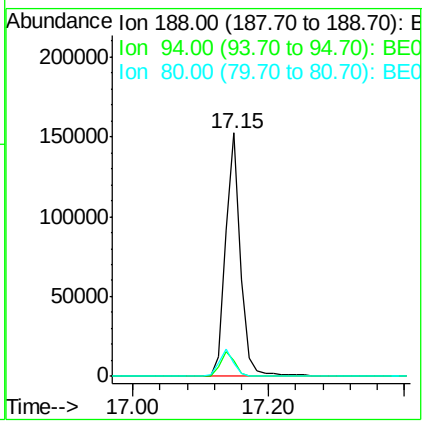


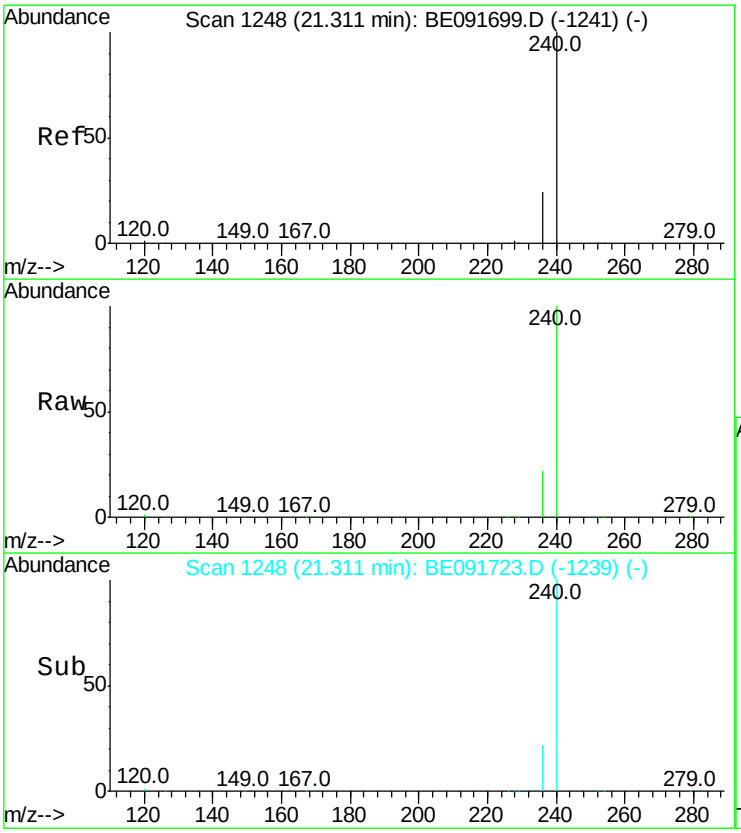
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Instrument :
BNA_E
ClientSampleId :
PB90018BL

Tgt Ion:188 Resp: 236877

Ion	Ratio	Lower	Upper
188	100		
94	6.3	8.7	13.1#
80	5.6	9.4	14.0#

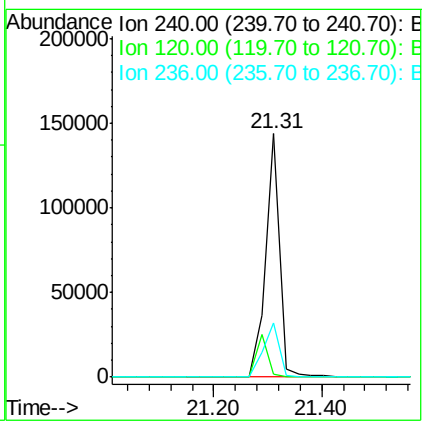


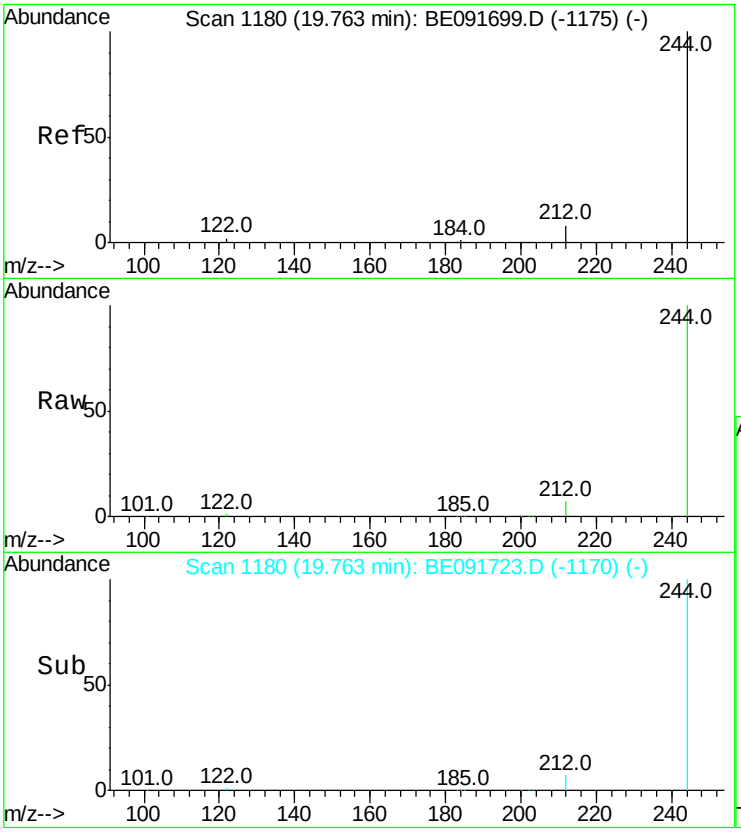


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Tgt Ion:240 Resp: 261661

Ion	Ratio	Lower	Upper
240	100		
120	1.1	11.0	16.4#
236	22.4	21.7	32.5



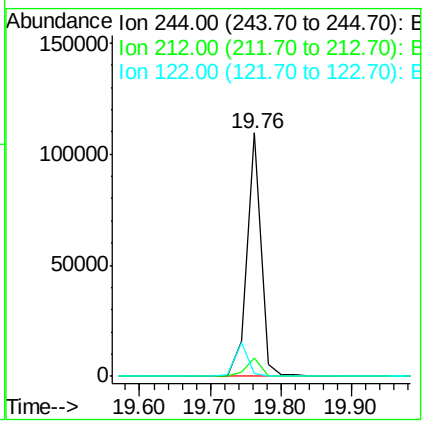


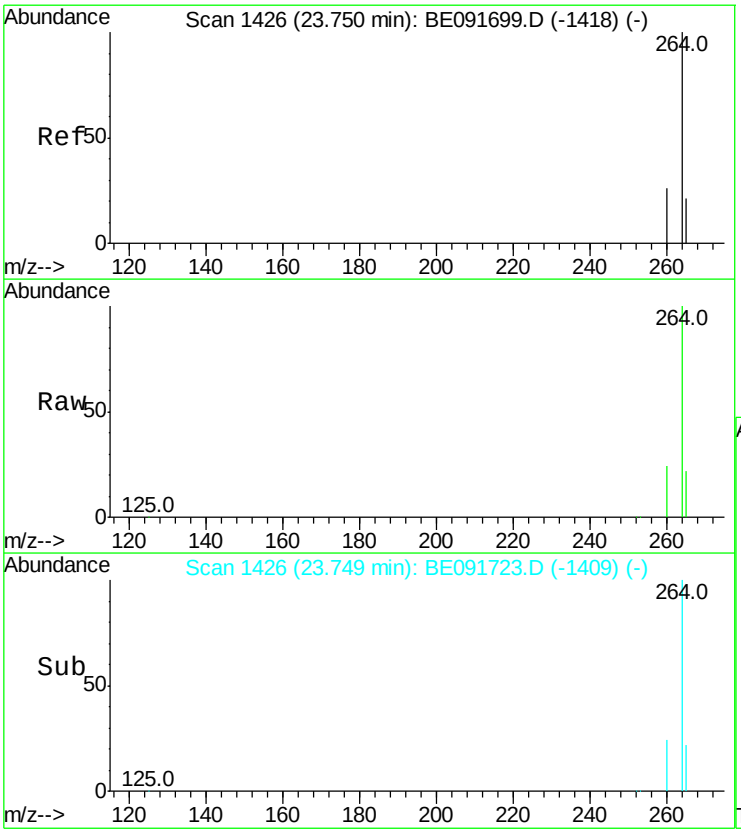
#29
Terphenyl-d14
Concen: 3.75 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Instrument :
BNA_E
ClientSampleId :
PB90018BL

Tgt Ion:244 Resp: 153105

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.9	10.3
122	1.4	11.0	16.4#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091723.D
Acq: 27 Apr 2016 13:10

Tgt Ion:264 Resp: 257058

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	22.2	17.5	26.3