Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021916\
Data File : BE091418.D
Acq On : 19 Feb 2016 17:38
Operator : UM/IZ
Sample : H1519-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS037-160217

Quant Time: Feb 19 23:11:59 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 00:27:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	39198	5.00	ng	0.00
4) Naphthalene-d8	9.54	136	163853	5.00	ng	0.00
8) Acenaphthene-d10	13.35	164	90778	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	222698	5.00	ng	-0.01
18) Chrysene-d12	20.21	240	342430	5.00	ng	0.00
24) Perylene-d12	22.09	264	360183	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	19182	2.23	ng	-0.03
3) Phenol-d6	6.56	99	13025	1.17	ng	-0.01
5) Nitrobenzene-d5	8.15	82	45395	4.23	ng	-0.02
9) 2,4,6-Tribromophenol	14.89	330	13782	3.31	ng	-0.01
10) 2-Fluorobiphenyl	11.99	172	104870	4.44	ng	-0.02
20) Terphenyl-d14	18.61	244	189128	3.73	ng	0.00
Target Compounds						Qvalue

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

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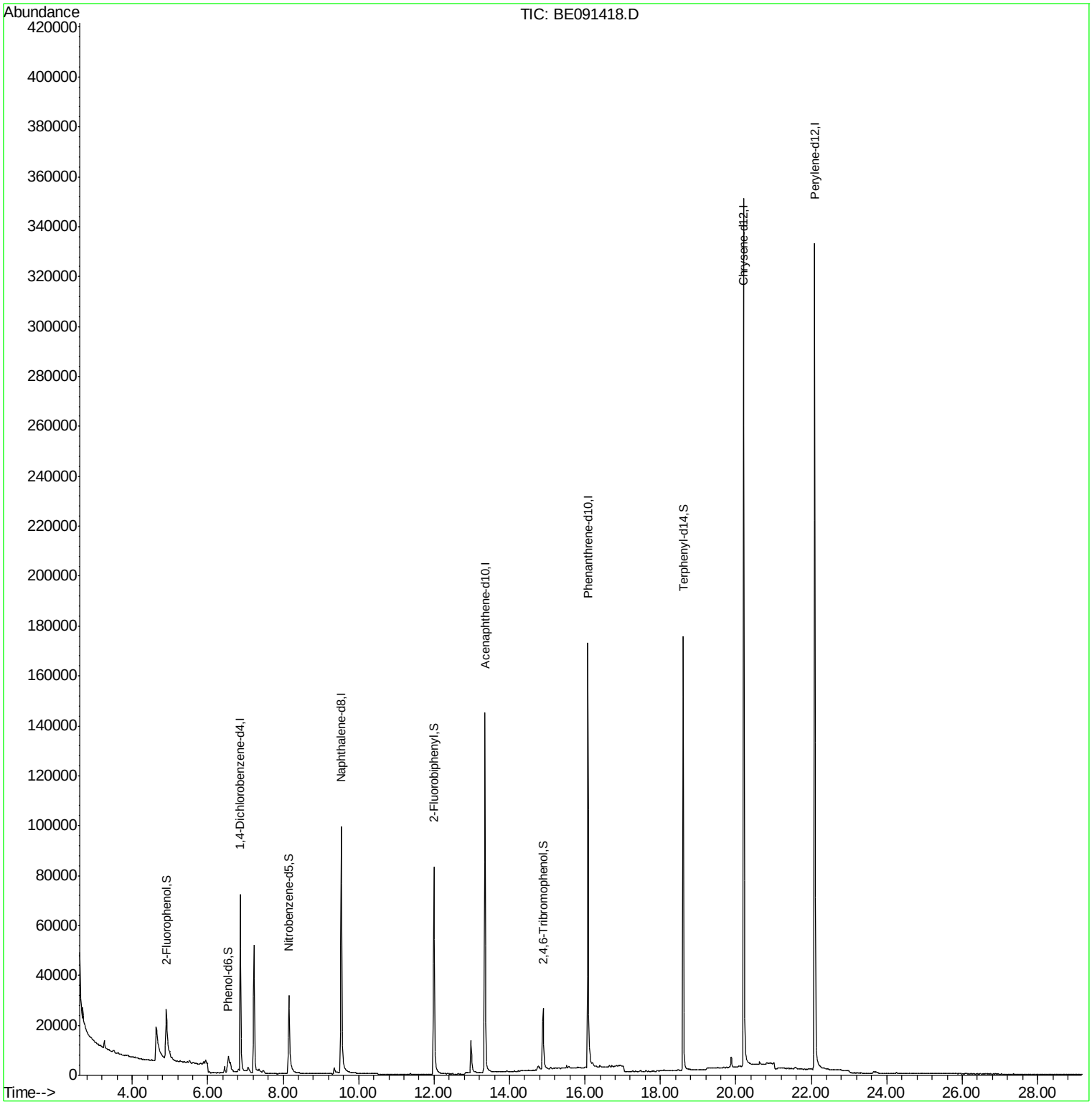
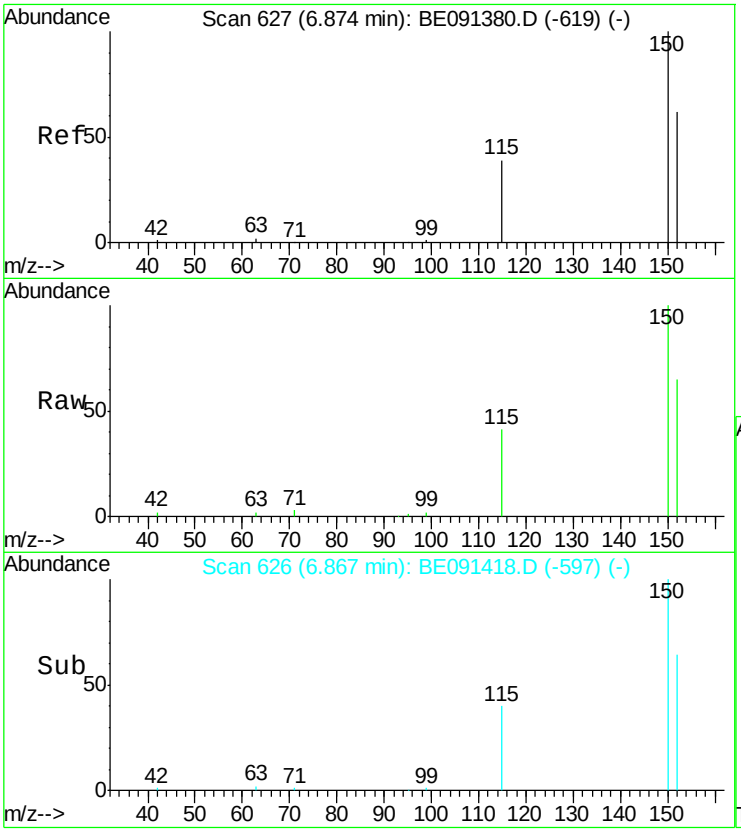


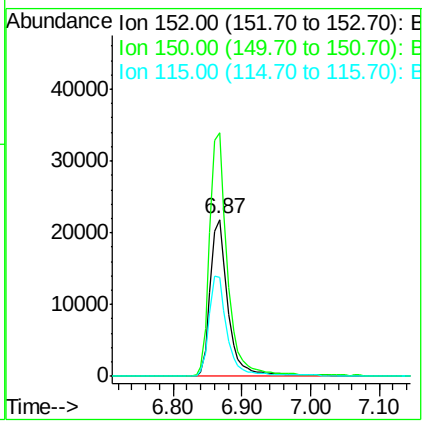


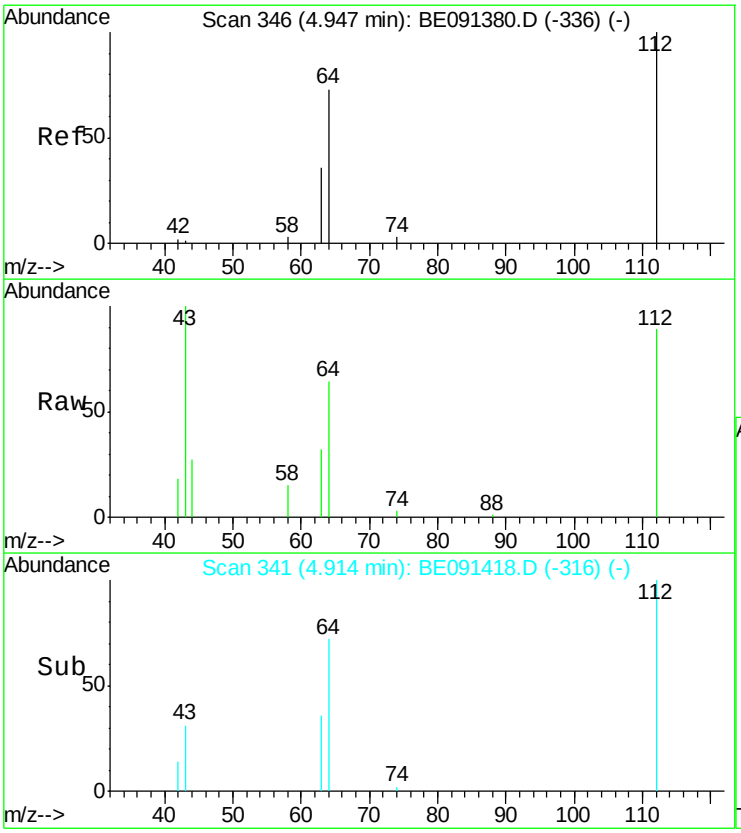
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 626
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160217

Tgt Ion:152 Resp: 39198

Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.9	193.3
115	62.9	50.9	76.3

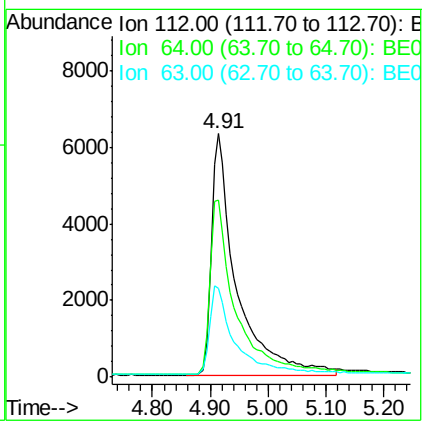


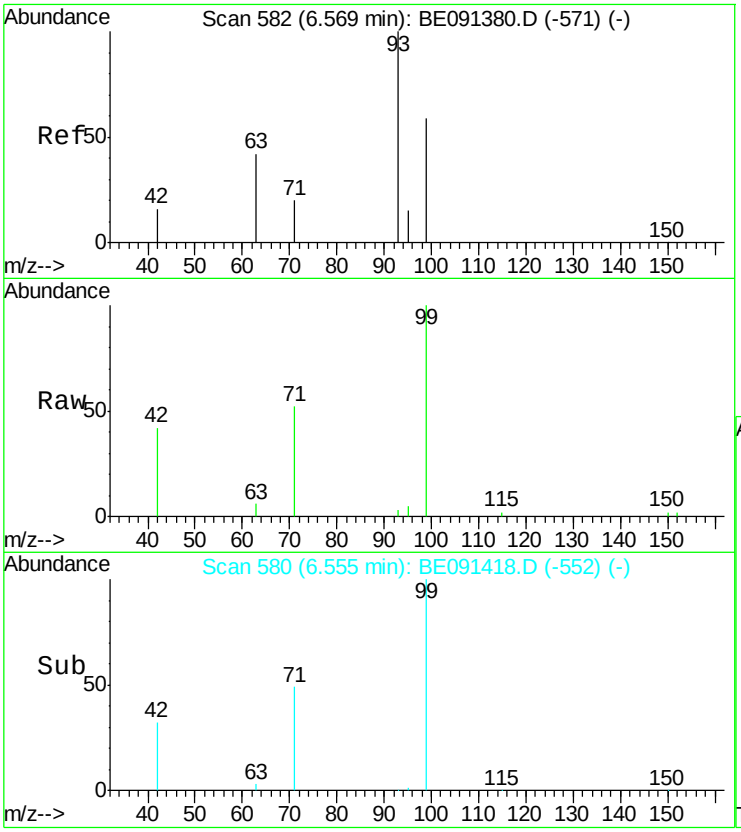


#2
2-Fluorophenol
Concen: 2.23 ng
RT: 4.91 min Scan# 341
Delta R.T. -0.03 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Tgt Ion:112 Resp: 19182

Ion	Ratio	Lower	Upper
112	100		
64	74.4	60.5	90.7
63	37.9	29.8	44.8



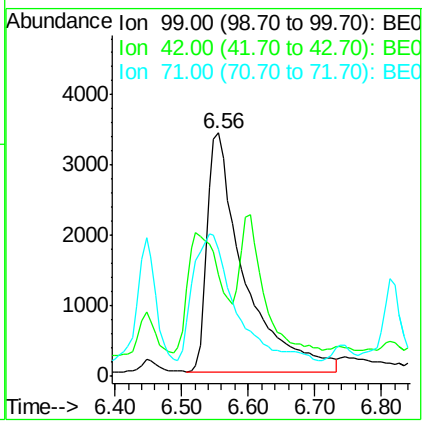


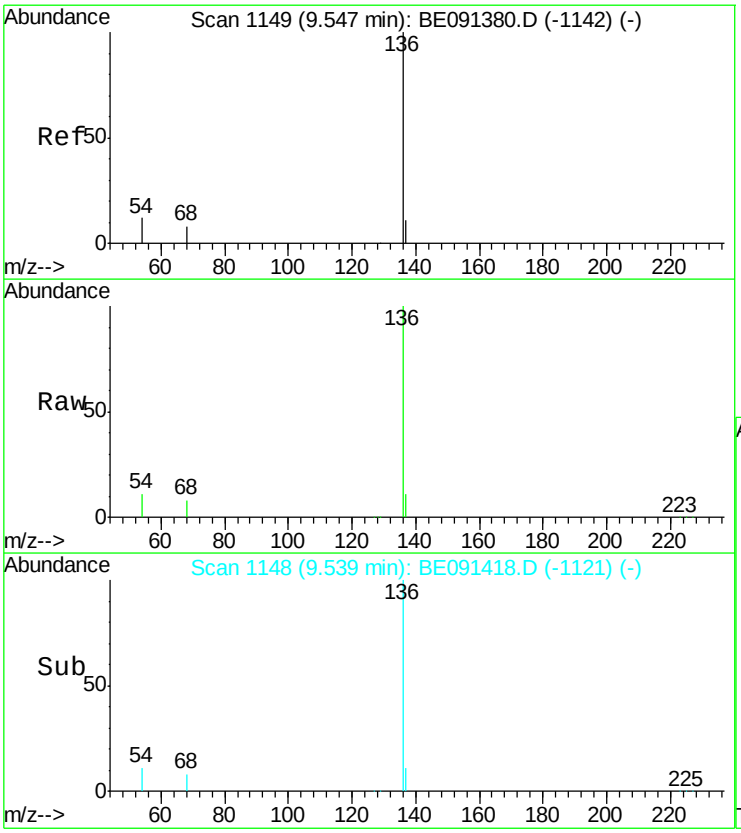
#3
Phenol-d6
Concen: 1.17 ng
RT: 6.56 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160217

Tgt Ion: 99 Resp: 13025

Ion	Ratio	Lower	Upper
99	100		
42	0.0	13.3	19.9#
71	62.8	25.6	38.4#

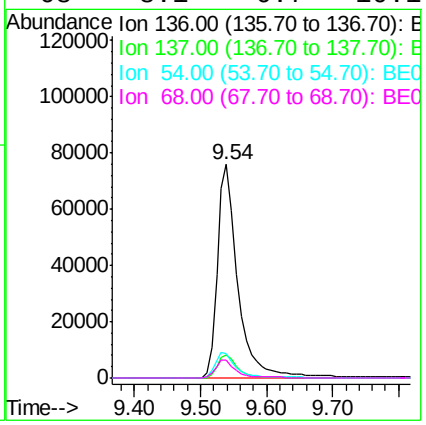


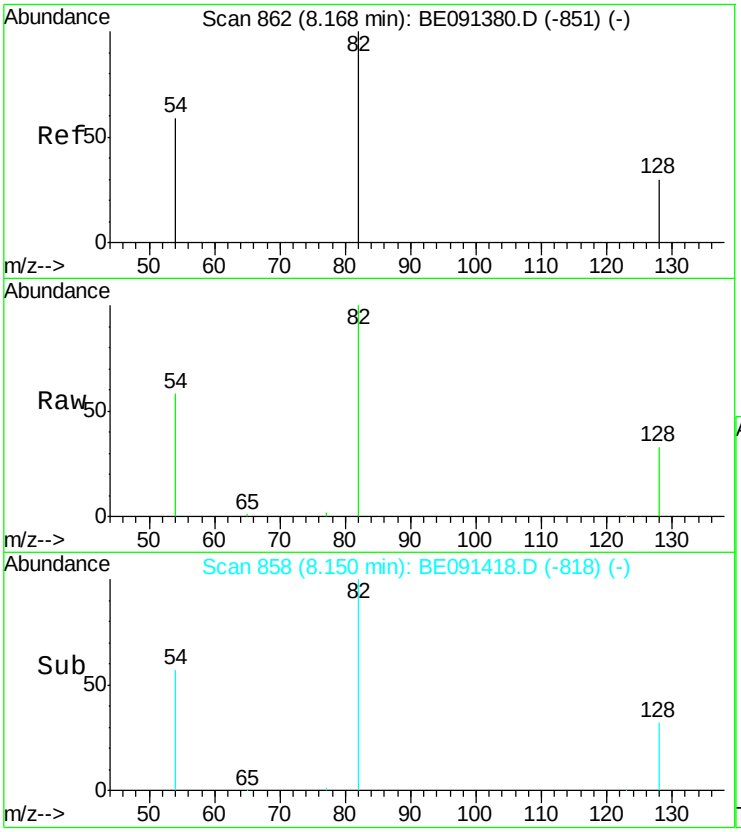


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.54 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Tgt Ion:136 Resp: 163853

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.4	9.3	13.9
68	8.1	6.7	10.1



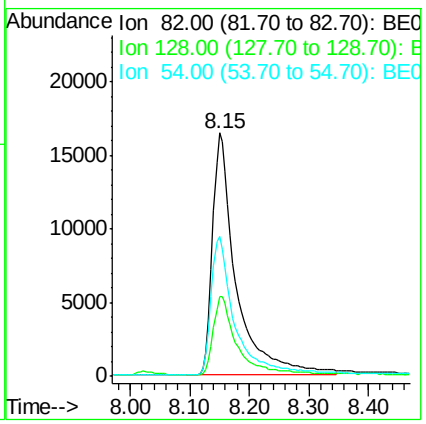


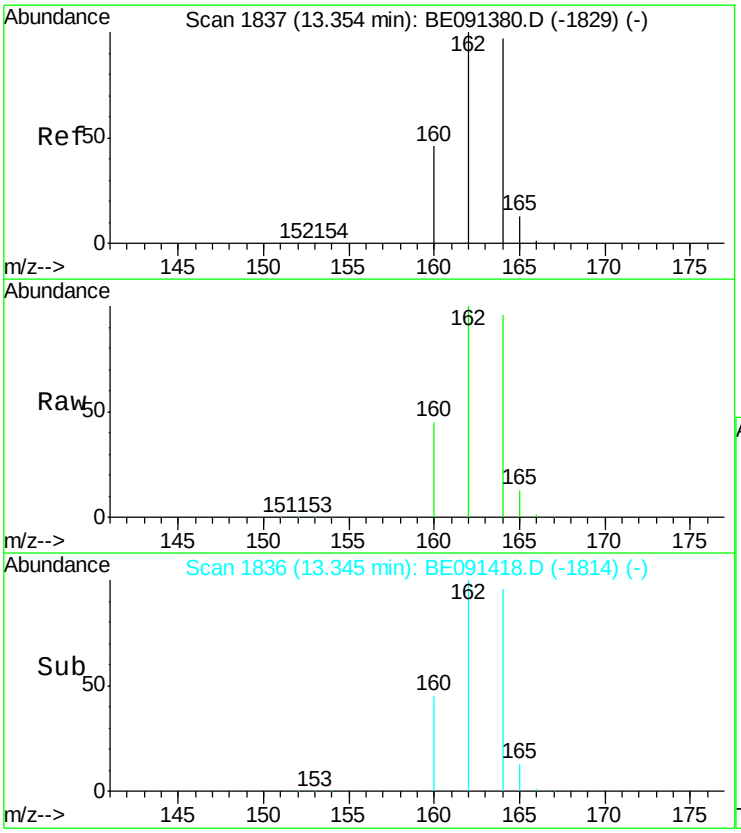
#5
Nitrobenzene-d5
Concen: 4.23 ng
RT: 8.15 min Scan# 858
Delta R.T. -0.02 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160217

Tgt Ion: 82 Resp: 45395

Ion	Ratio	Lower	Upper
82	100		
128	32.7	25.0	37.4
54	57.6	48.1	72.1

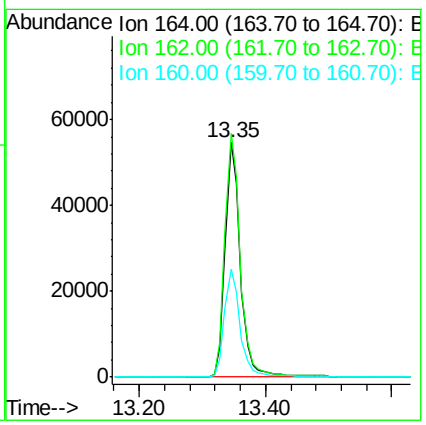


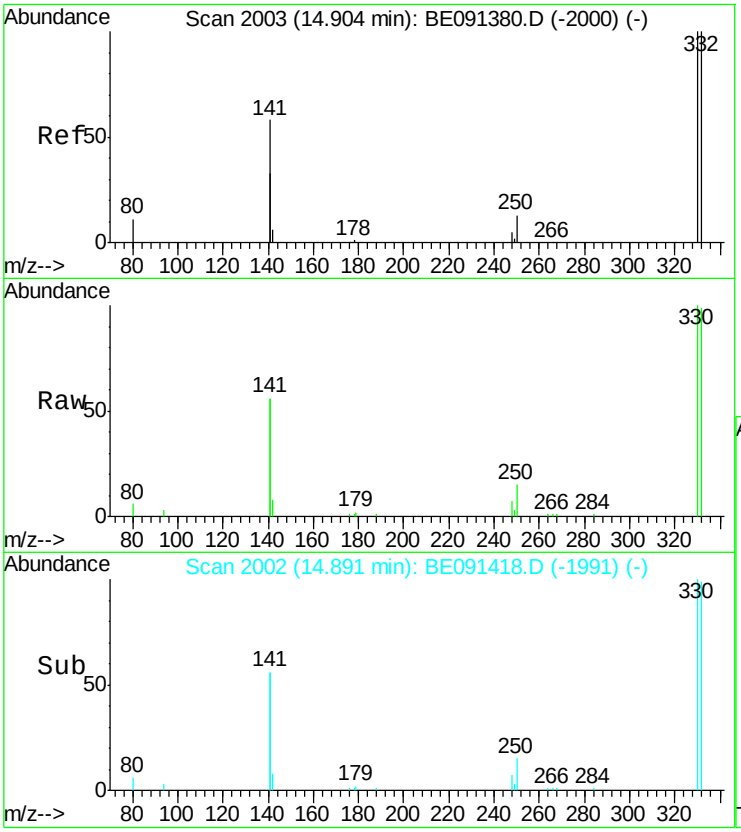


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.35 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Tgt Ion:164 Resp: 90778

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.2
160	46.3	37.8	56.8



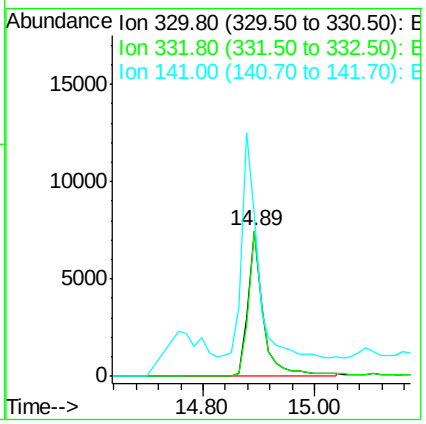


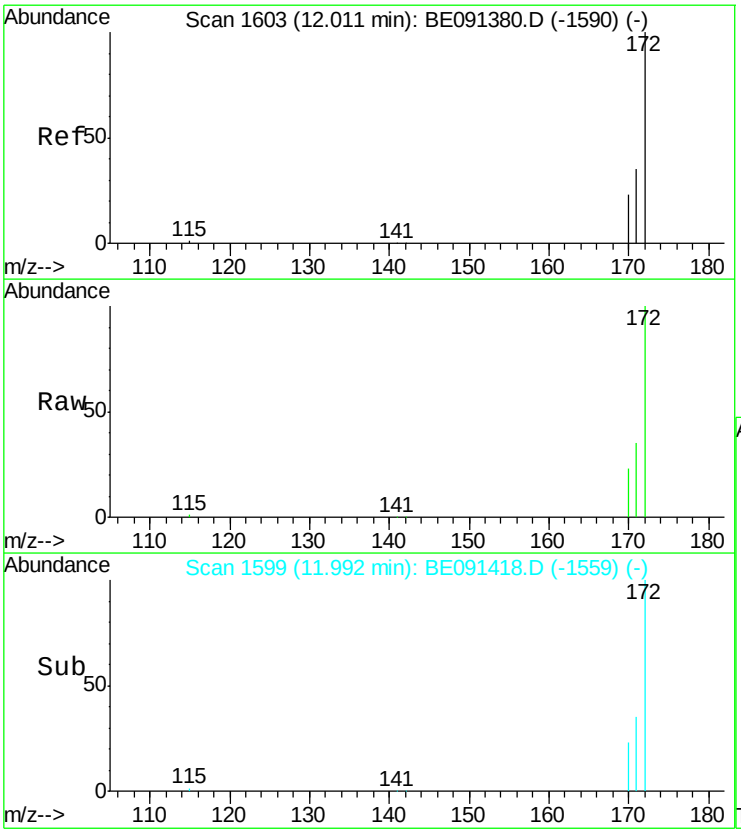
#9
2,4,6-Tribromophenol
Concen: 3.31 ng
RT: 14.89 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160217

Tgt Ion:330 Resp: 13782

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.8	118.2
141	157.7	105.1	157.7#

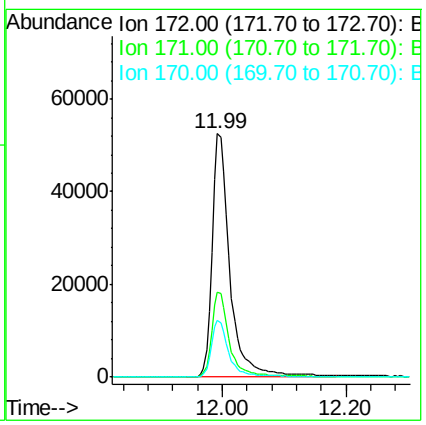


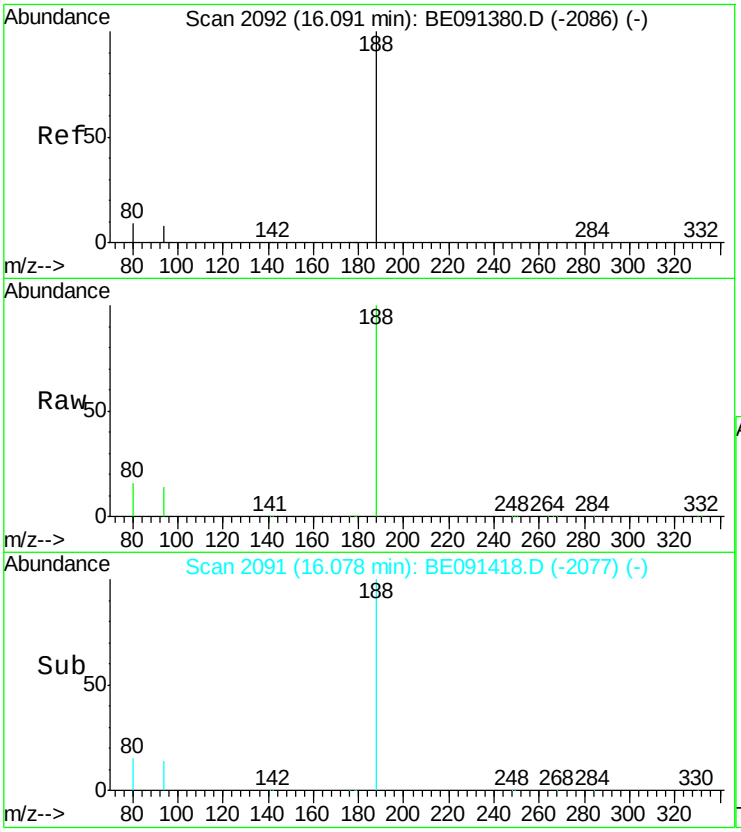


#10
2-Fluorobiphenyl
Concen: 4.44 ng
RT: 11.99 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Tgt Ion:172 Resp: 104870

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.5	18.6	28.0



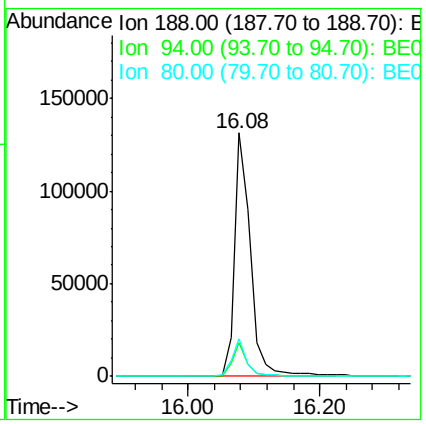


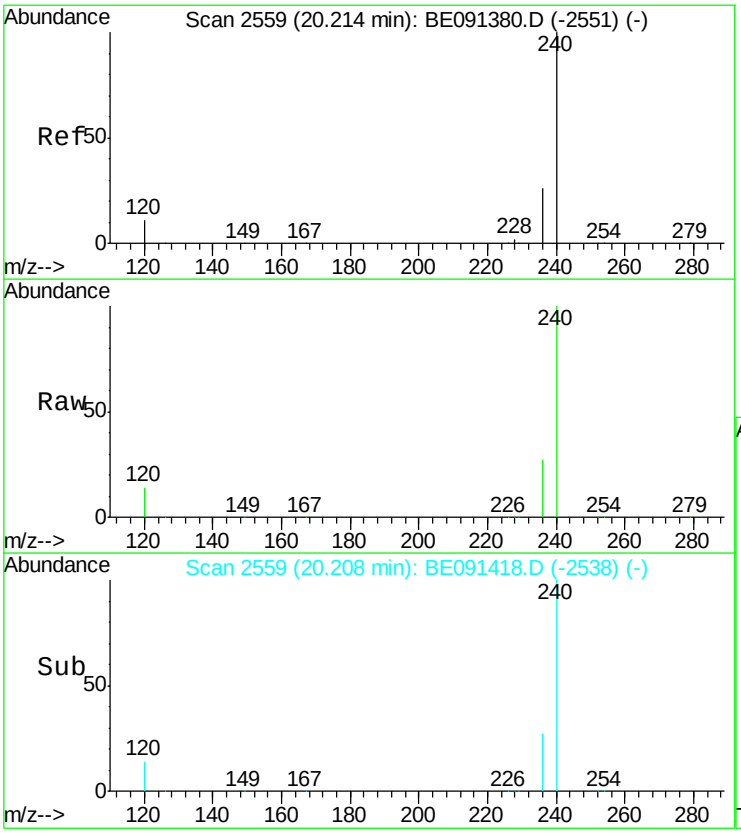
#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160217

Tgt Ion:188 Resp: 222698

Ion	Ratio	Lower	Upper
188	100		
94	14.0	6.6	10.0#
80	15.6	7.0	10.6#

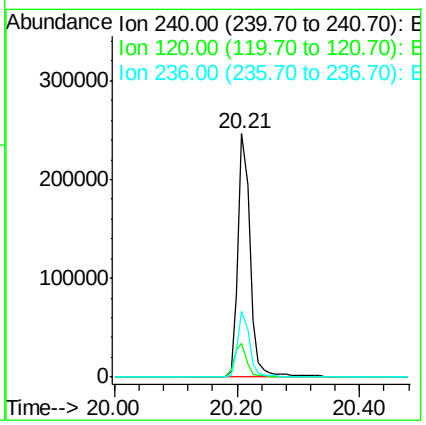


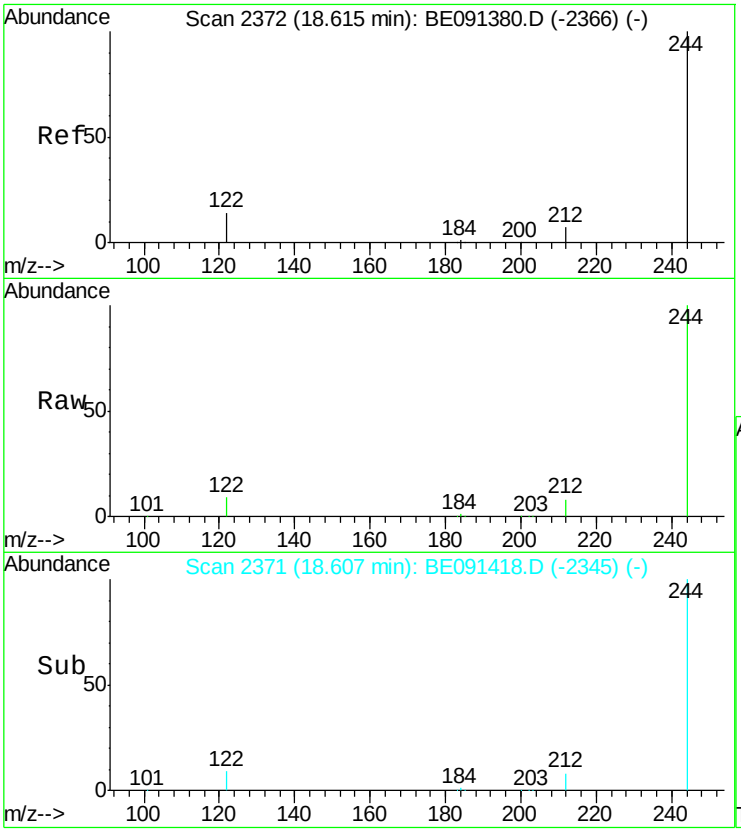


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.21 min Scan# 2559
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Tgt Ion:240 Resp: 342430

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.9	13.3#
236	27.0	21.0	31.4



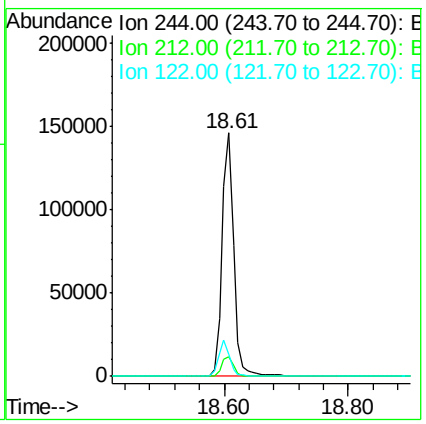


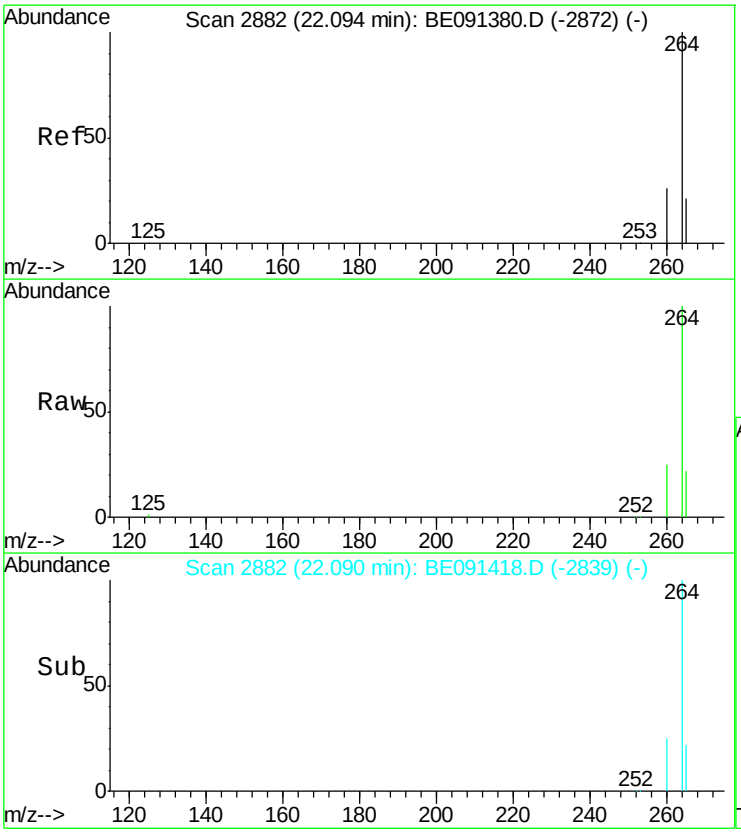
#20
Terphenyl-d14
Concen: 3.73 ng
RT: 18.61 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160217

Tgt Ion:244 Resp: 189128

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	9.2	11.0	16.6#





#24
Perylene-d12
Concen: 5.00 ng
RT: 22.09 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BE091418.D
Acq: 19 Feb 2016 17:38

Tgt Ion:264 Resp: 360183

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.7	31.1
265	21.9	17.2	25.8