Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
Data File : BE091950.D
Acq On : 24 Jun 2016 17:20
Operator : UM/SJ
Sample : PB91612BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB91612BL

Quant Time: Jun 24 19:18:45 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 12:00:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30943	5.00	ng	0.02
8) Naphthalene-d8	11.02	136	147076	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	100834	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	190831	5.00	ng	0.00
31) Chrysene-d12	21.76	240	277488	5.00	ng	0.00
40) Perylene-d12	24.17	264	206526	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	50569	8.36	ng	0.00
5) Phenol-d6	7.37	99	74484	7.51	ng	0.02
9) Nitrobenzene-d5	9.37	82	42307	4.17	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	21878	8.33	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	99865	3.90	ng	0.00
34) Terphenyl-d14	20.22	244	134512	3.96	ng	0.00
Target Compounds						Qvalue

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

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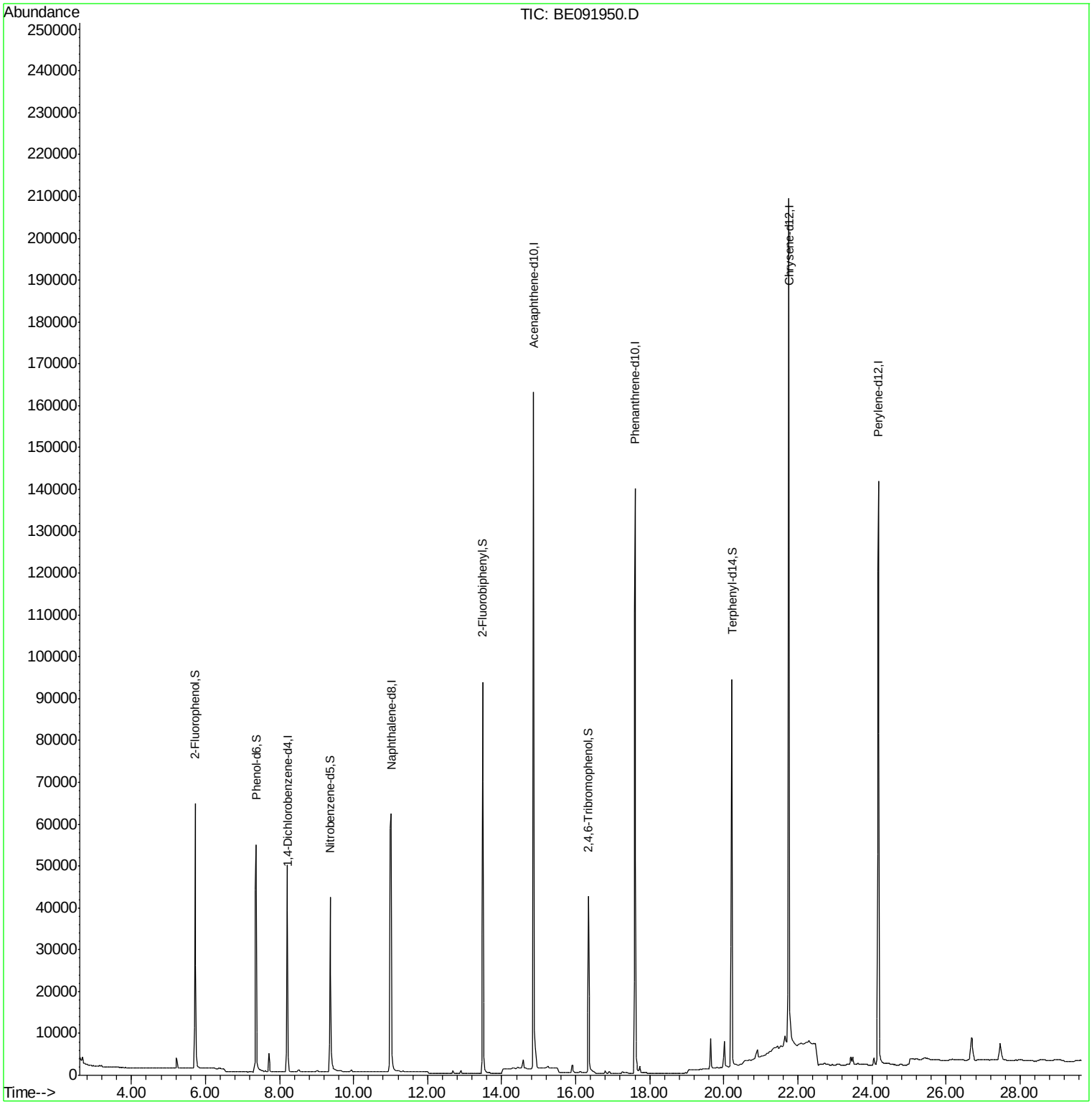
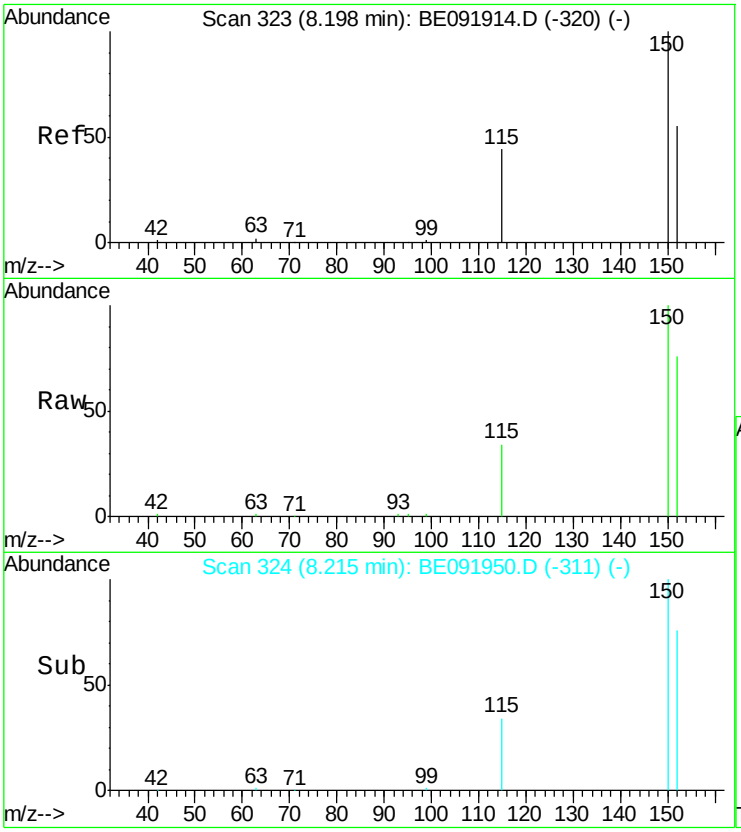


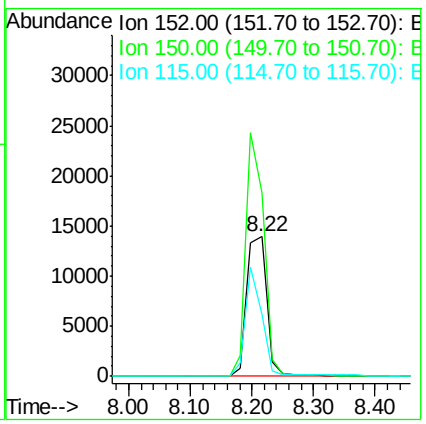


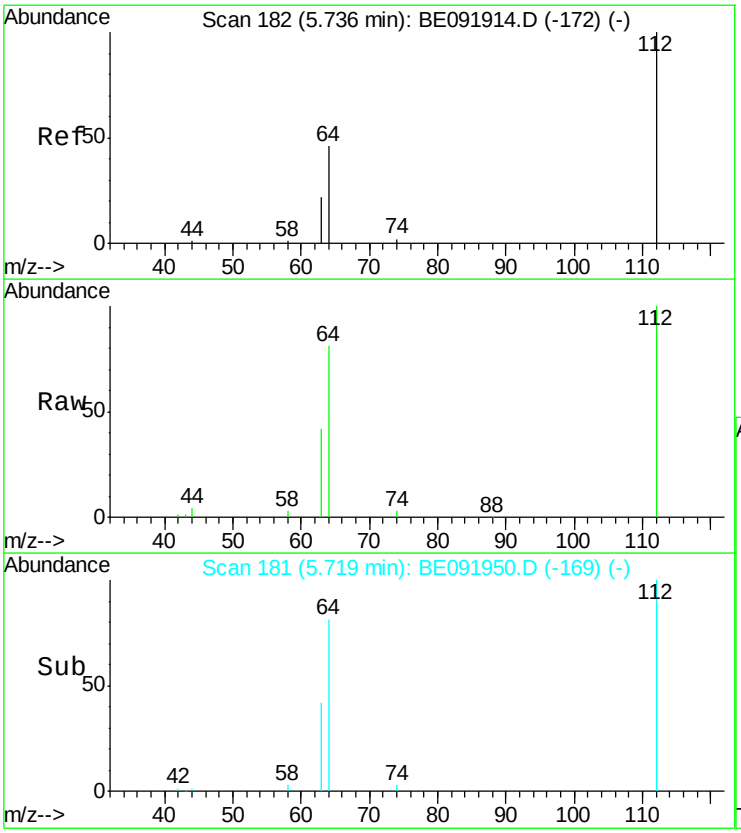
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.22 min Scan# 324
Delta R.T. 0.02 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Instrument :
BNA_E
ClientSampleId :
PB91612BL

Tgt Ion:152 Resp: 30943

Ion	Ratio	Lower	Upper
152	100		
150	131.1	123.9	185.9
115	44.5	48.3	72.5#

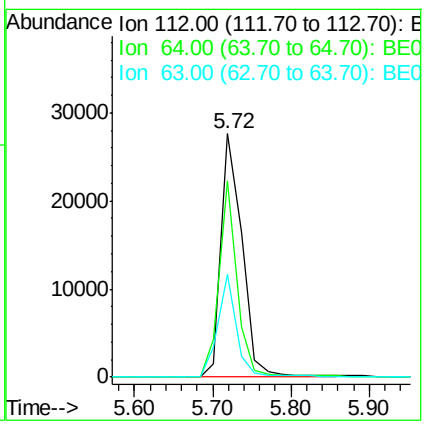


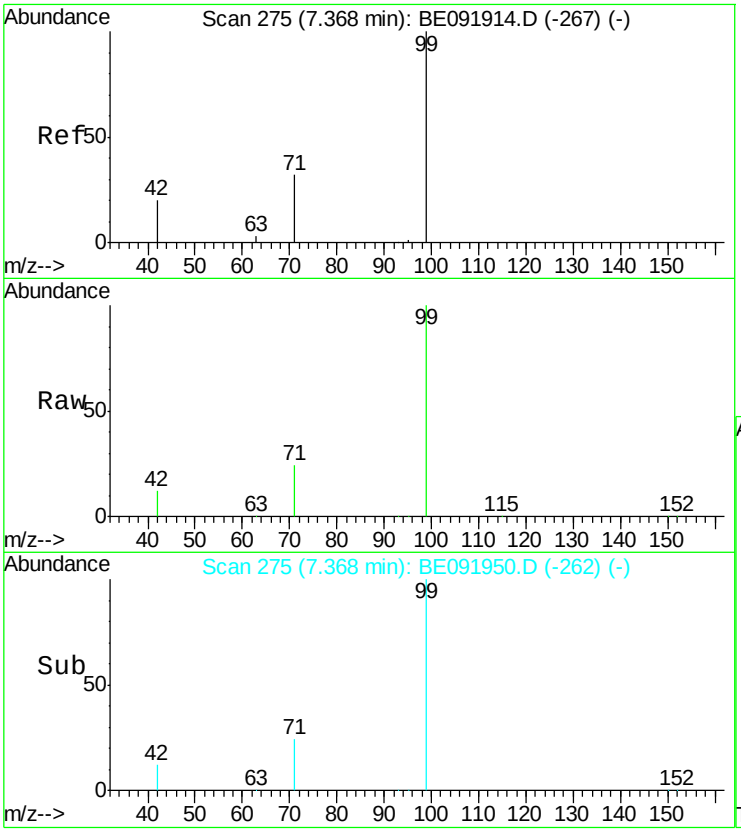


#4
2-Fluorophenol
Concen: 8.36 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion:112 Resp: 50569

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.7	80.5
63	36.6	29.5	44.3



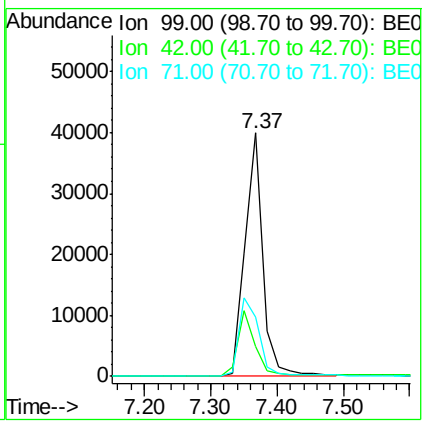


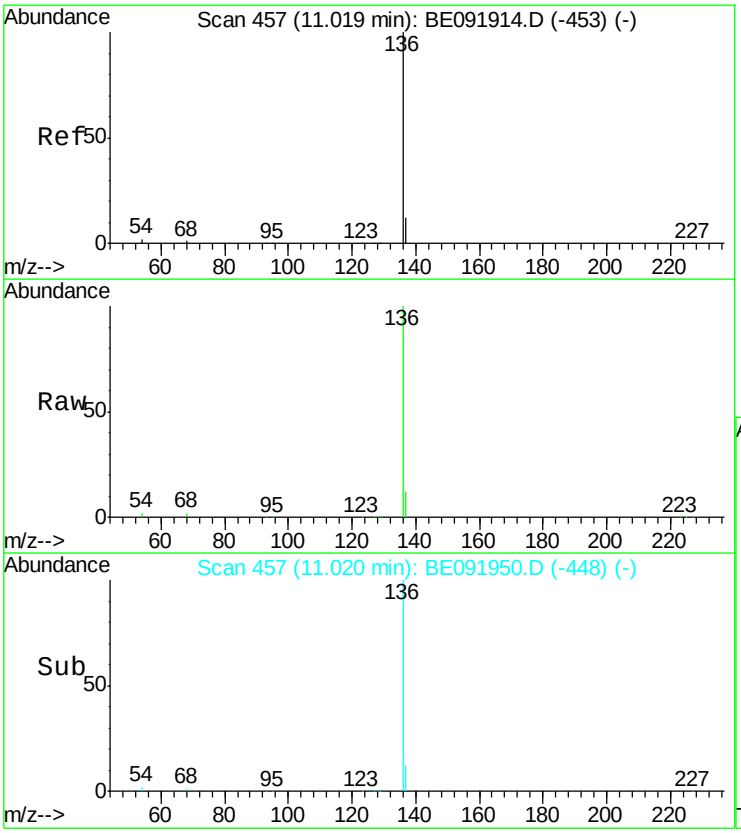
#5
Phenol-d6
Concen: 7.51 ng
RT: 7.37 min Scan# 275
Delta R.T. 0.02 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Instrument :
BNA_E
ClientSampleId :
PB91612BL

Tgt Ion: 99 Resp: 74484

Ion	Ratio	Lower	Upper
99	100		
42	25.0	19.6	29.4
71	35.6	28.1	42.1

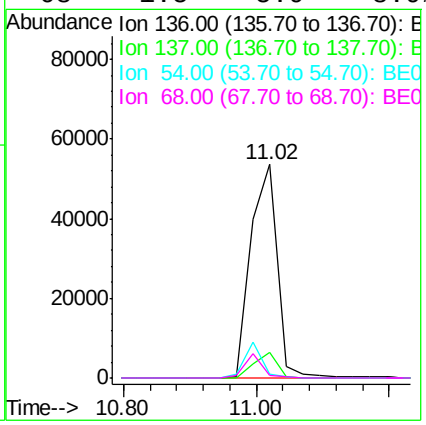


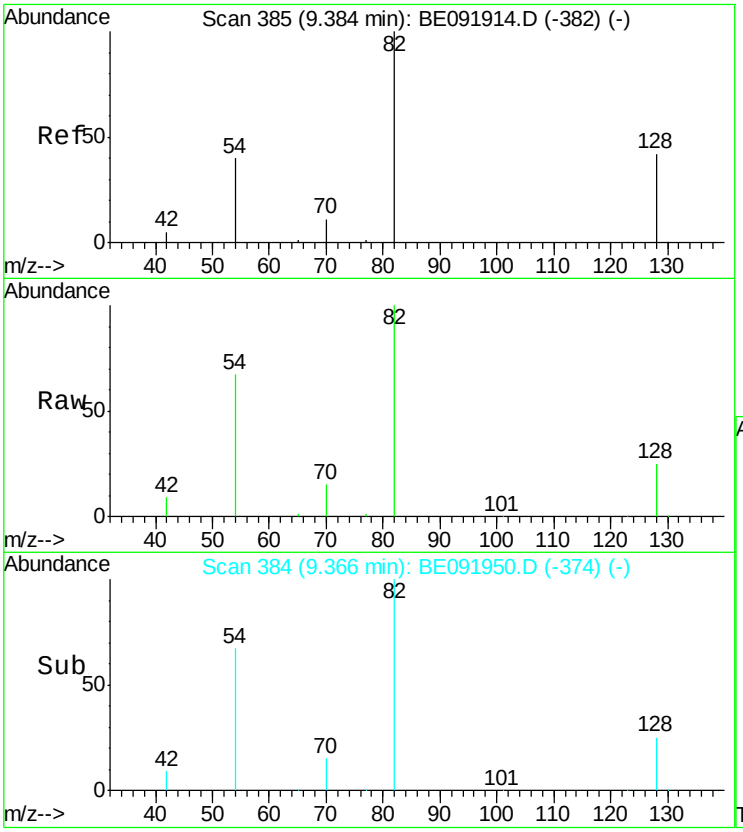


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.02 min Scan# 457
Delta R.T. 0.03 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion:136 Resp: 147076

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.3	12.5
54	1.8	8.2	12.4#
68	1.5	5.9	8.9#



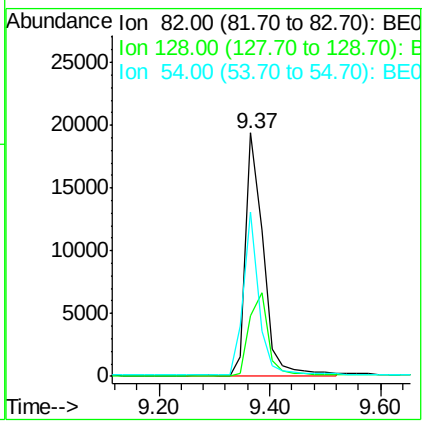


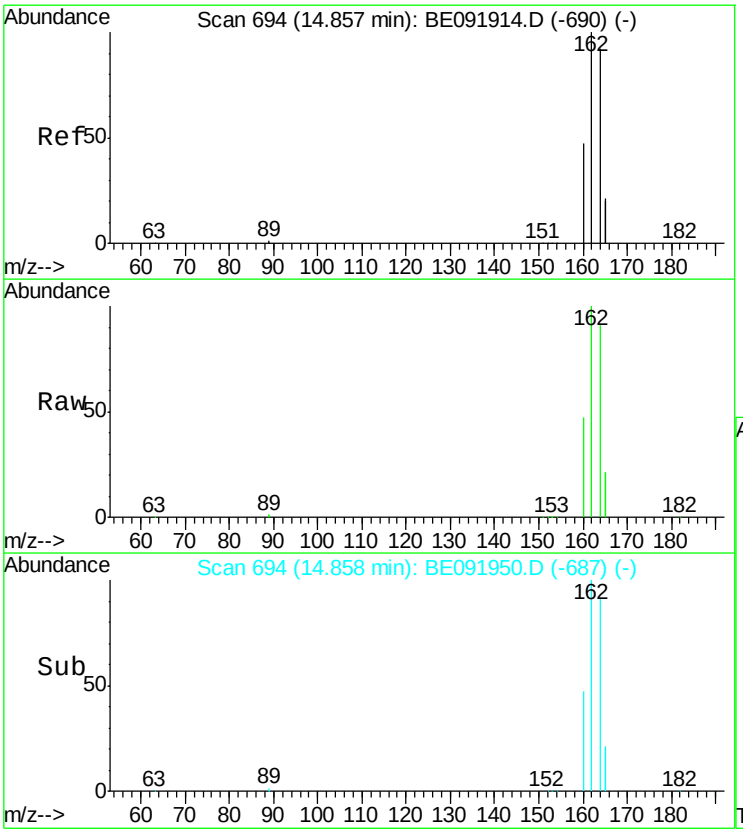
#9
Nitrobenzene-d5
Concen: 4.17 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Instrument :
BNA_E
ClientSampleId :
PB91612BL

Tgt Ion: 82 Resp: 42307

Ion	Ratio	Lower	Upper
82	100		
128	24.9	39.5	59.3#
54	67.4	30.3	45.5#

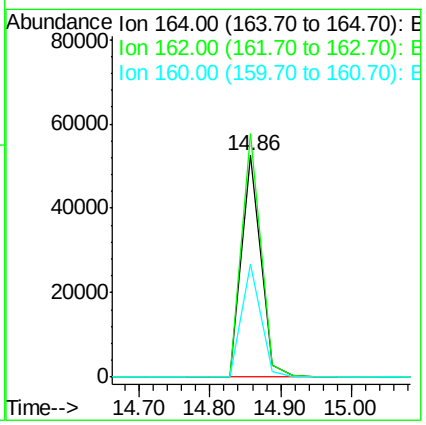


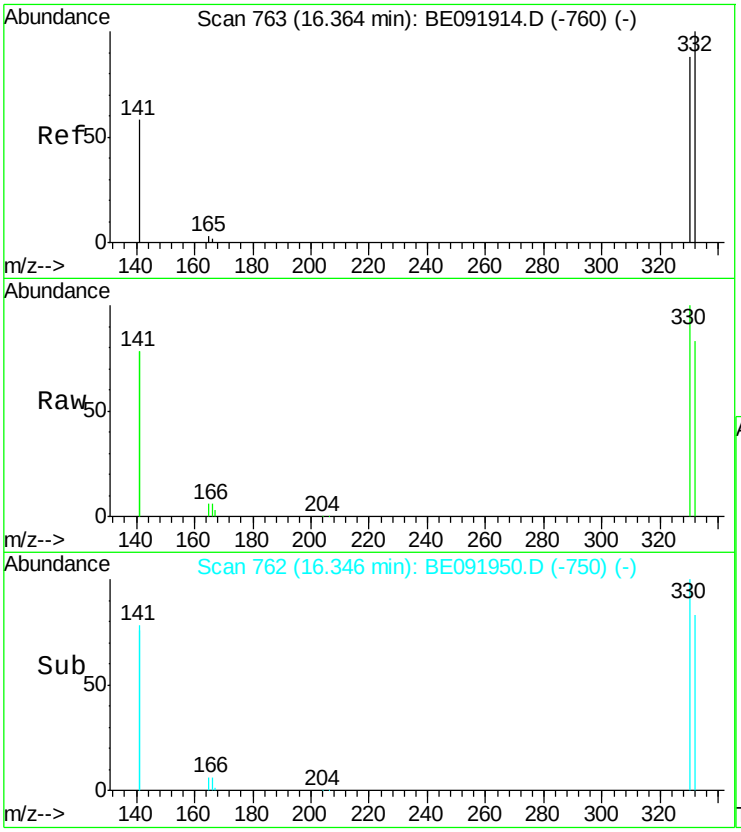


#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion:164 Resp: 100834

Ion	Ratio	Lower	Upper
164	100		
162	109.9	71.8	107.8#
160	51.2	28.0	42.0#



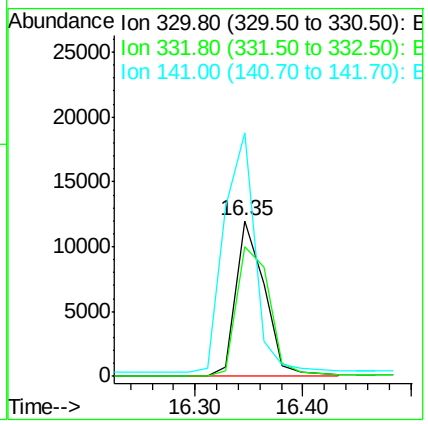


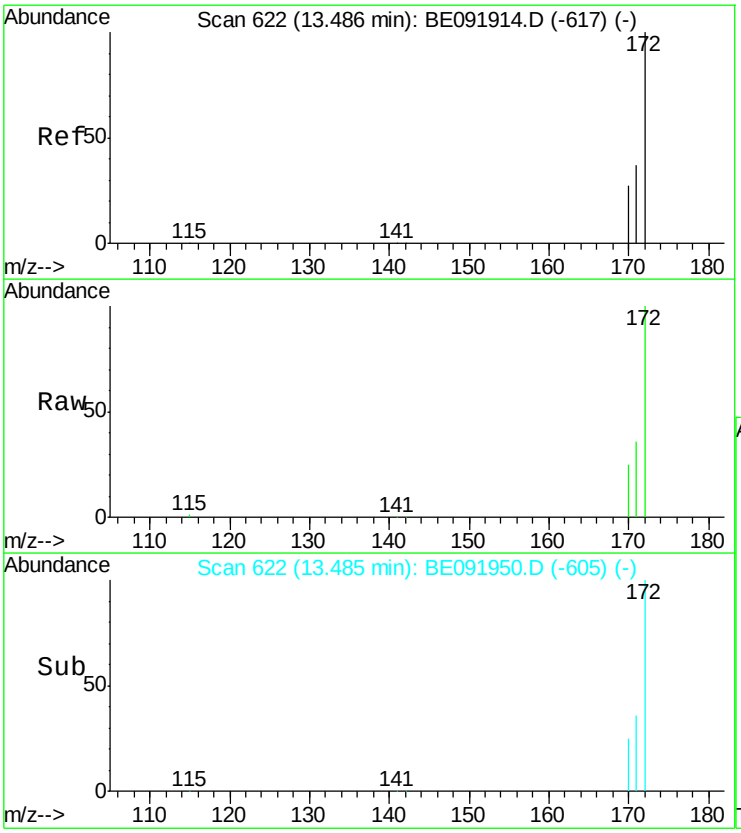
#16
2,4,6-Tribromophenol
Concen: 8.33 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Instrument :
BNA_E
ClientSampleId :
PB91612BL

Tgt Ion:330 Resp: 21878

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	166.6	138.4	207.6

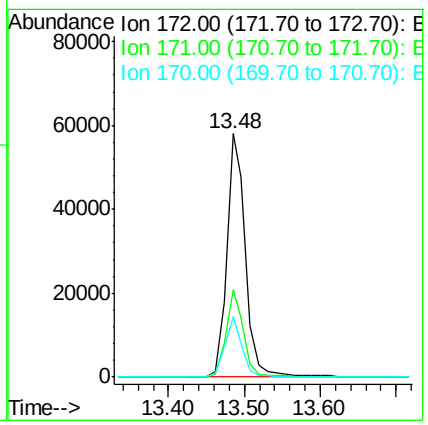


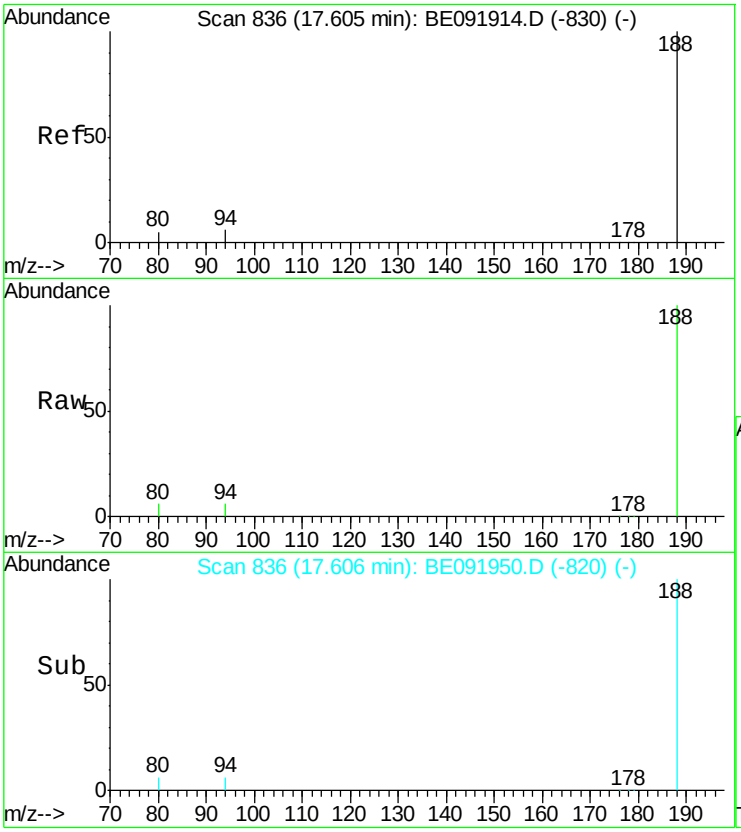


#17
2-Fluorobiphenyl
Concen: 3.90 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion:172 Resp: 99865

Ion	Ratio	Lower	Upper
172	100		
171	36.1	24.3	36.5
170	24.9	14.9	22.3#



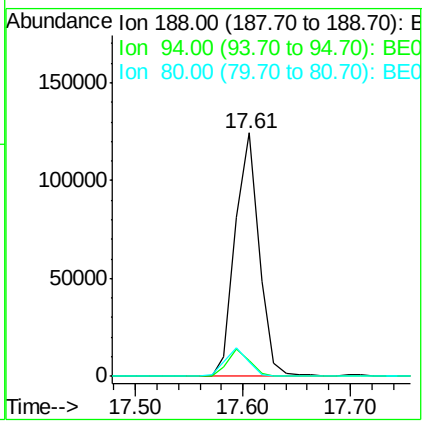


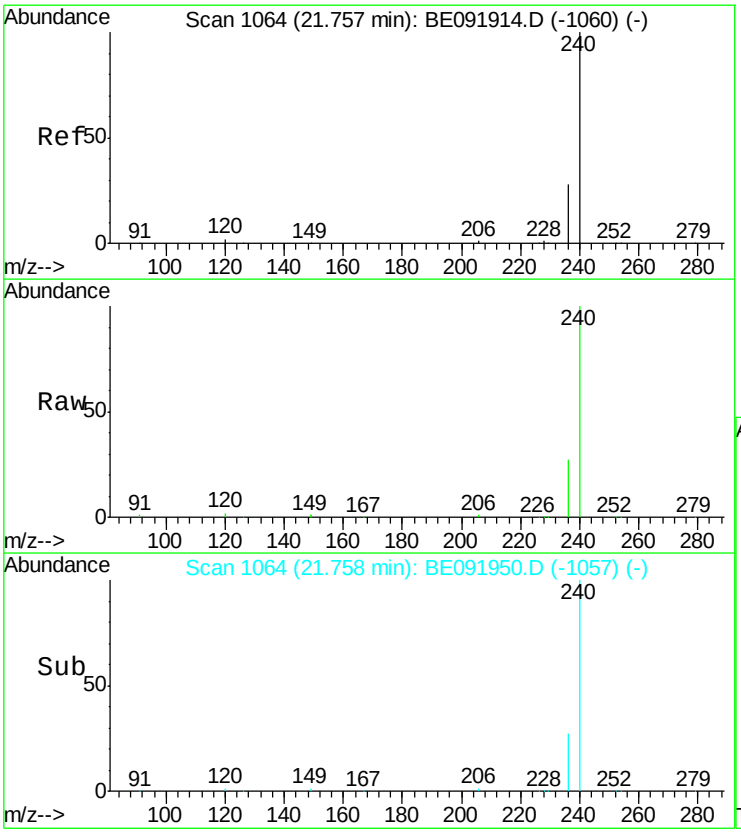
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Instrument :
BNA_E
ClientSampleId :
PB91612BL

Tgt Ion:188 Resp: 190831

Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.1	6.1#
80	5.9	3.4	5.2#

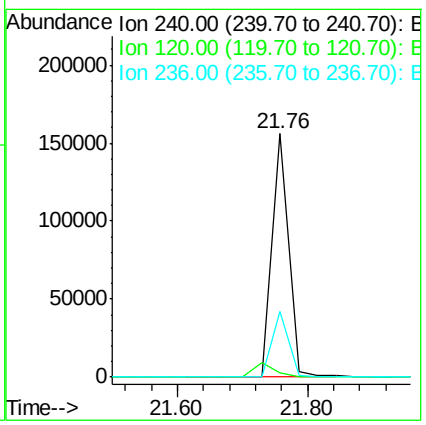


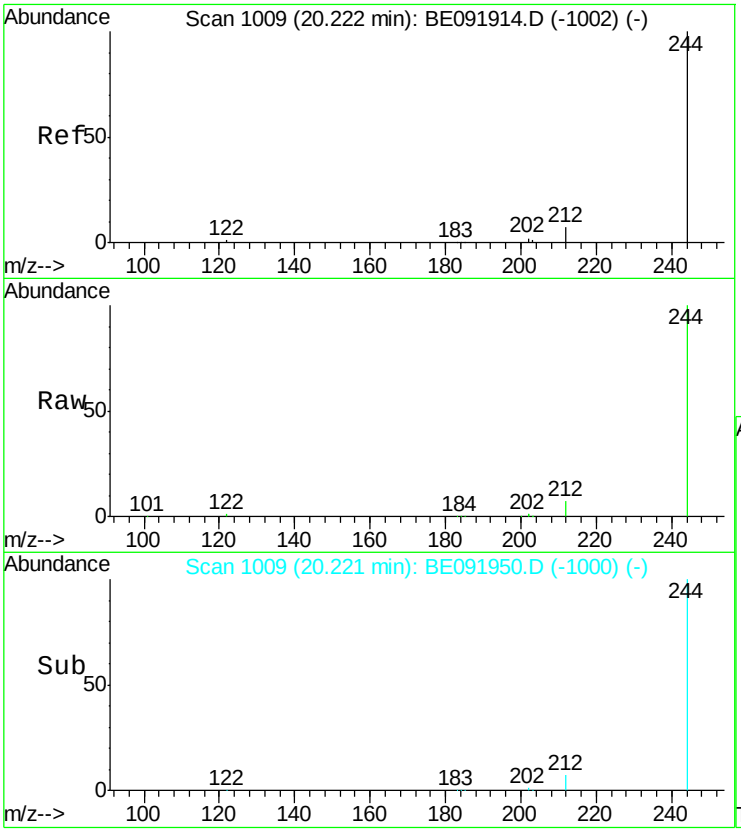


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion:240 Resp: 277488

Ion	Ratio	Lower	Upper
240	100		
120	1.6	1.2	1.8
236	27.2	19.8	29.8



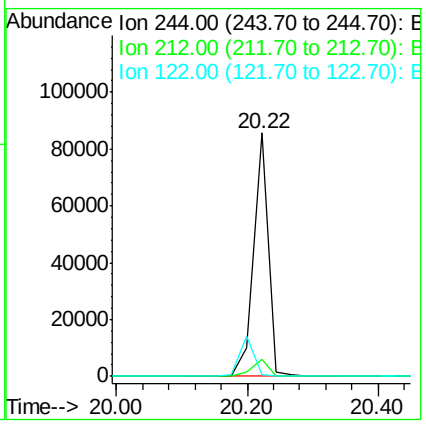


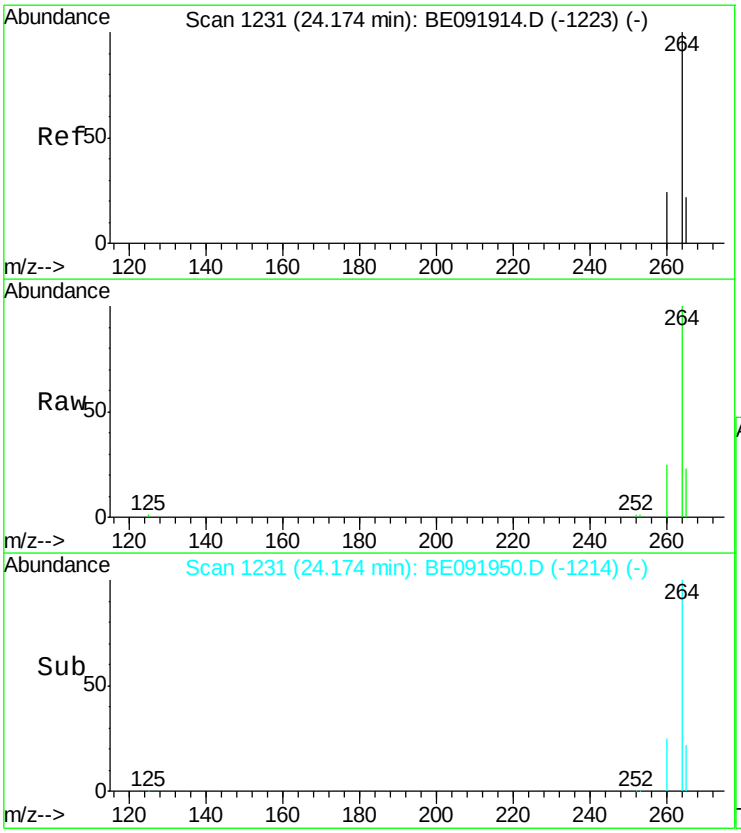
#34
Terphenyl-d14
Concen: 3.96 ng
RT: 20.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Instrument :
BNA_E
ClientSampleId :
PB91612BL

Tgt Ion:244 Resp: 134512

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	0.5	2.9	4.3#





#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE091950.D
Acq: 24 Jun 2016 17:20

Tgt Ion:264 Resp: 206526

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.3	30.5
265	22.6	17.6	26.4