Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091870.D
Acq On : 25 May 2016 22:19
Operator : UM/SJ
Sample : PB90774BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90774BL

Quant Time: May 26 01:57:30 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 19:42:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	29133	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	143810	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	93051	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	265547	5.00	ng	0.00
31) Chrysene-d12	21.29	240	277678	5.00	ng	0.00
40) Perylene-d12	23.72	264	251238	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	53804	6.46	ng	-0.02
5) Phenol-d6	6.95	99	81271	7.44	ng	0.00
9) Nitrobenzene-d5	8.94	82	38009	3.25	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	28183	6.79	ng	0.00
17) 2-Fluorobiphenyl	13.01	172	101233	3.66	ng	-0.02
34) Terphenyl-d14	19.74	244	180996	4.32	ng	0.00
Target Compounds						Qvalue

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

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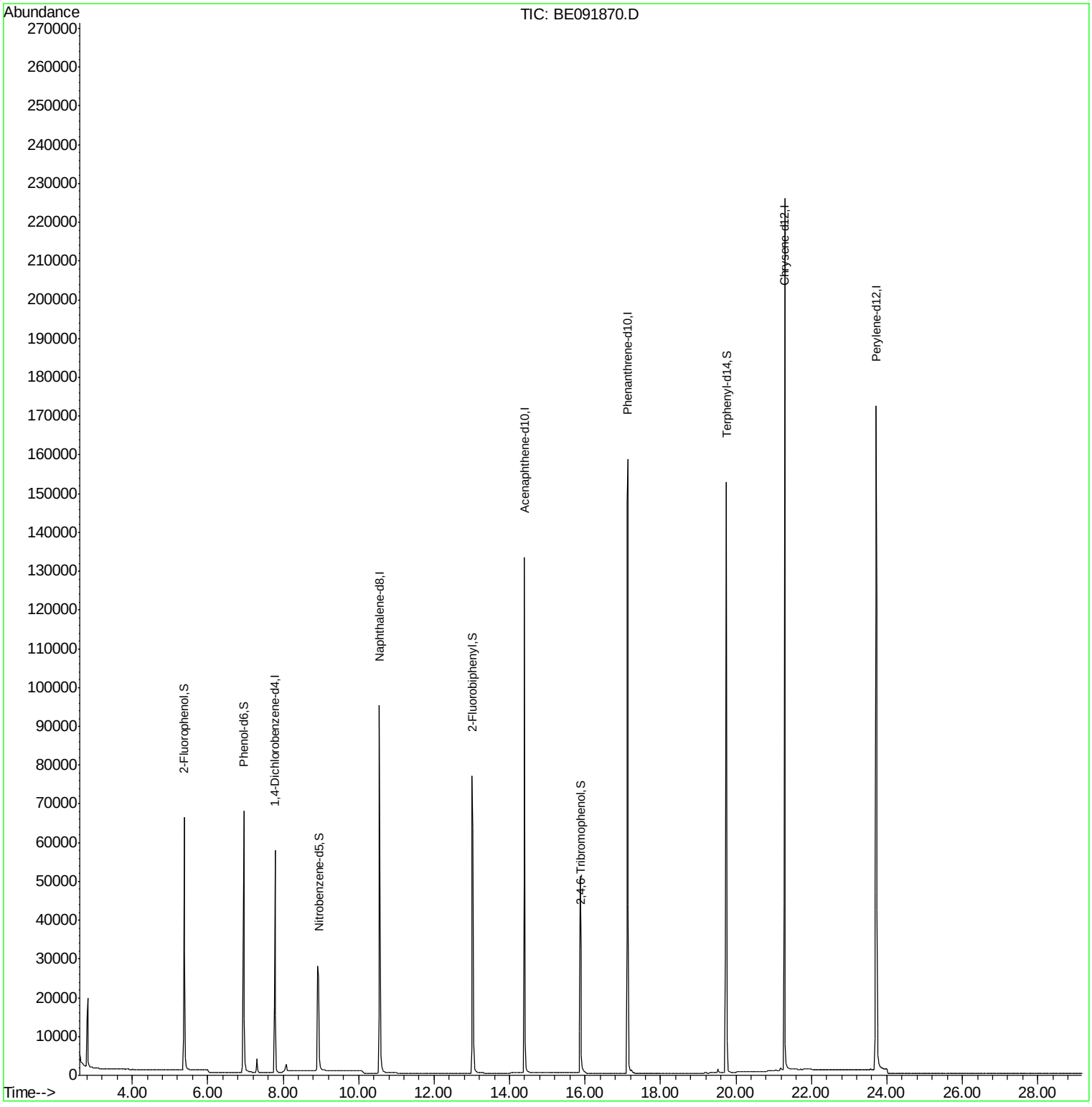
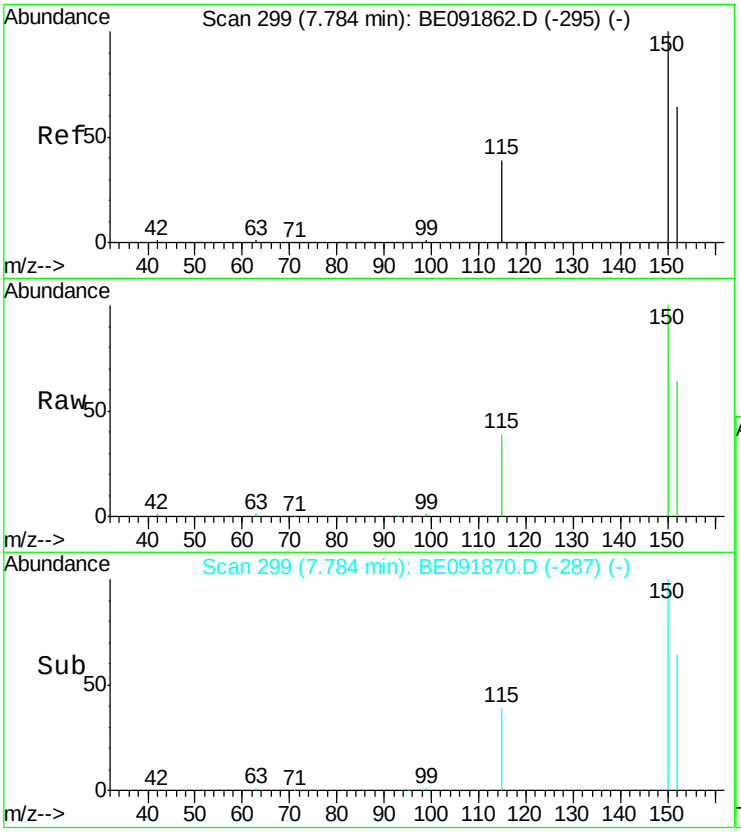


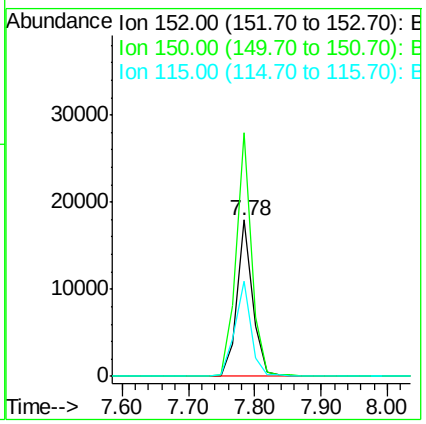


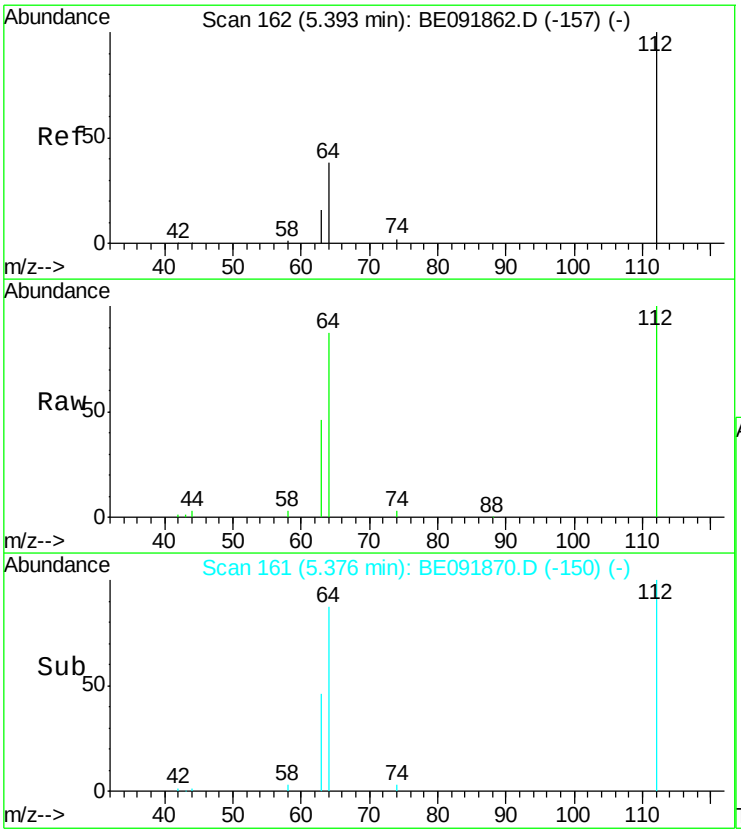
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.78 min Scan# 299
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Instrument :
BNA_E
ClientSampleId :
PB90774BL

Tgt Ion:152 Resp: 29133

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.9	185.9
115	60.7	48.3	72.5

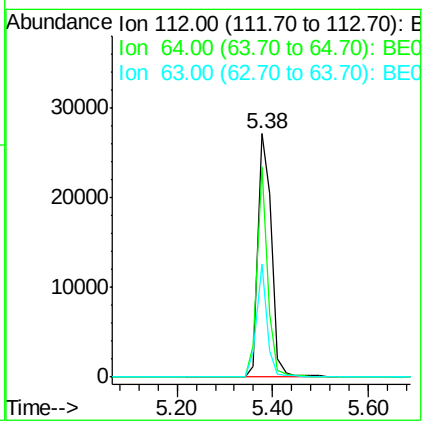


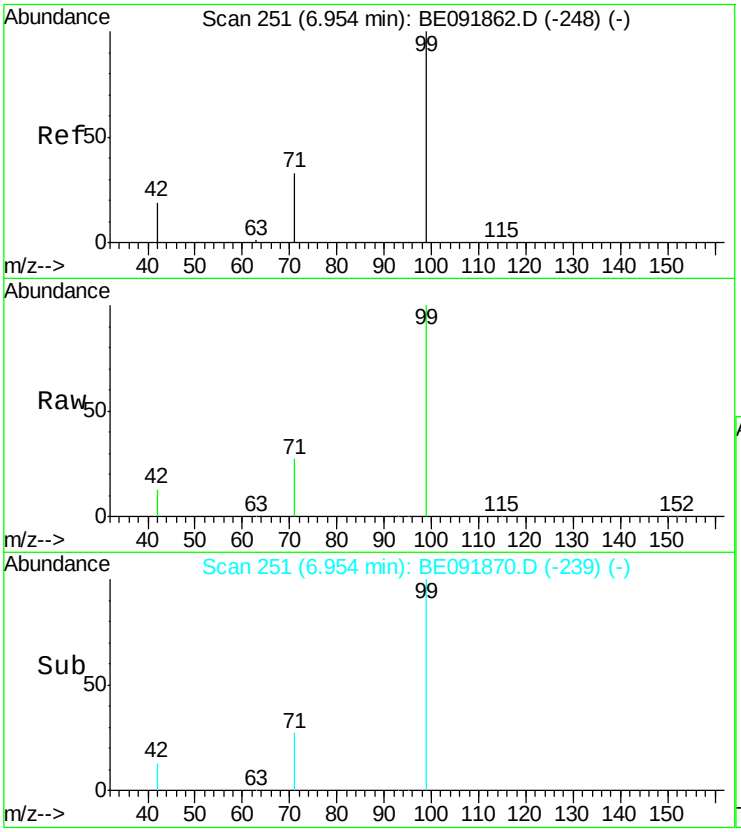


#4
2-Fluorophenol
Concen: 6.46 ng
RT: 5.38 min Scan# 161
Delta R.T. -0.02 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Tgt Ion:112 Resp: 53804

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.7	80.5
63	35.9	29.5	44.3



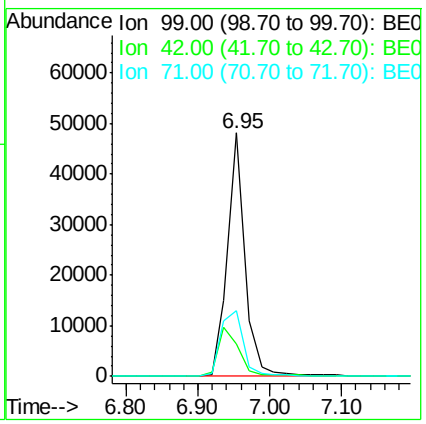


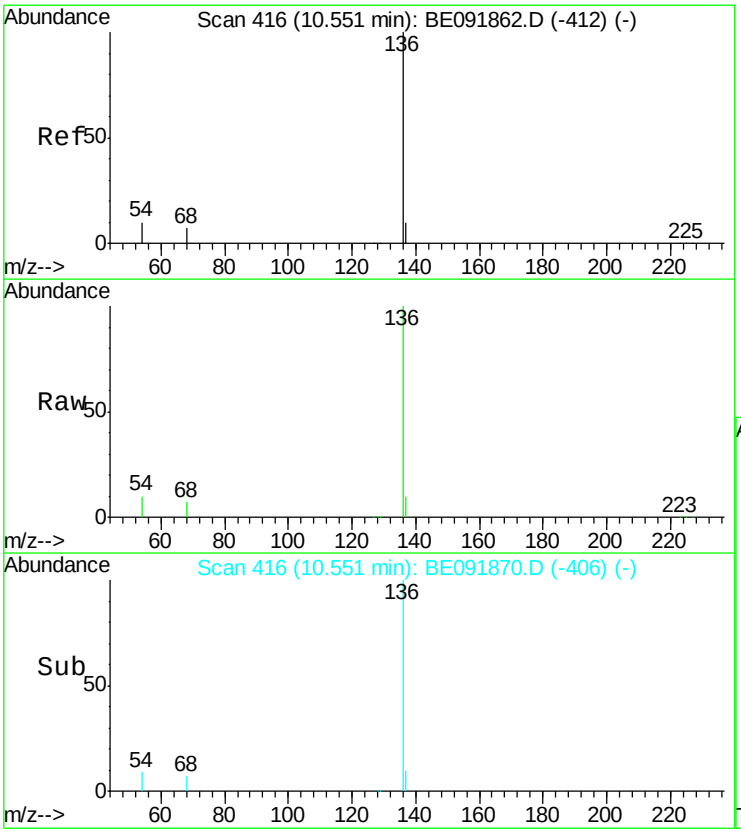
#5
Phenol-d6
Concen: 7.44 ng
RT: 6.95 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Instrument :
BNA_E
ClientSampleId :
PB90774BL

Tgt Ion: 99 Resp: 81271

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.6	29.4
71	34.9	28.1	42.1

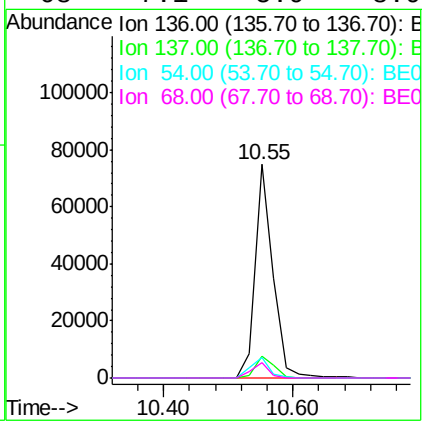


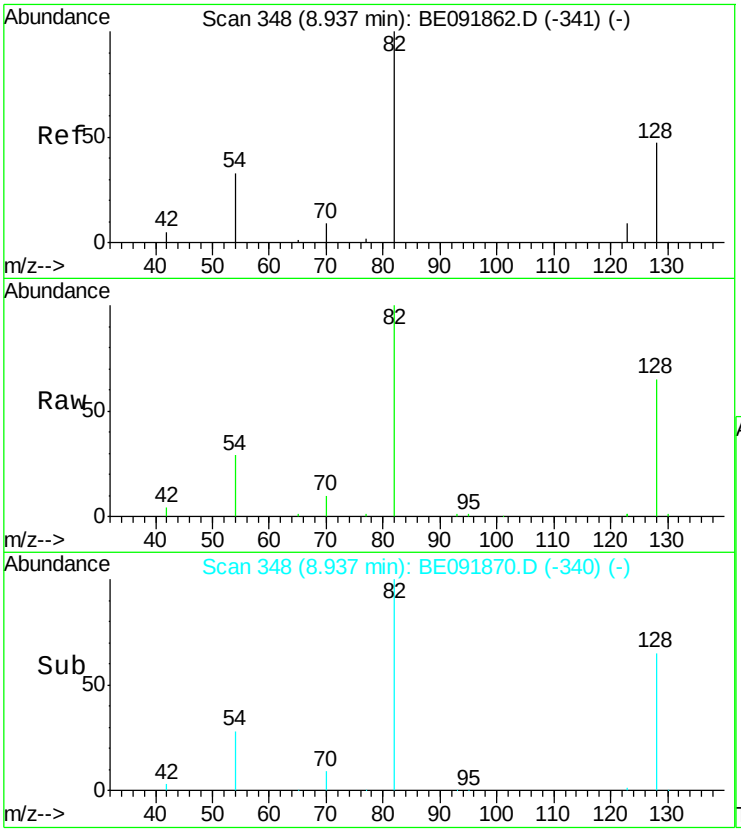


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 416
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Tgt Ion:136 Resp: 143810

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	9.6	8.2	12.4
68	7.1	5.9	8.9



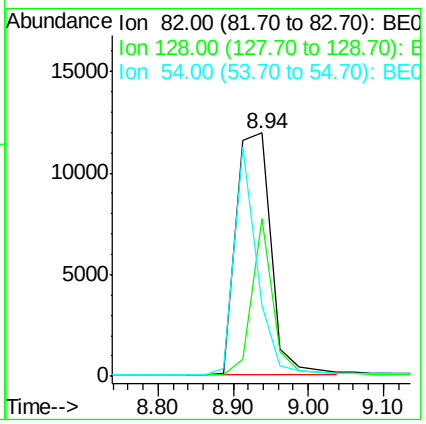


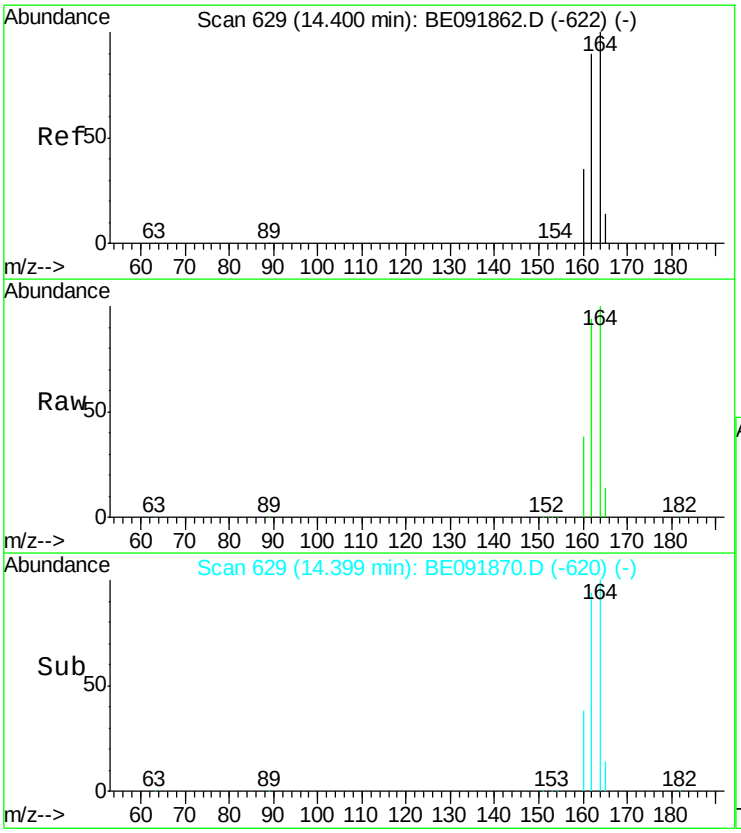
#9
Nitrobenzene-d5
Concen: 3.25 ng
RT: 8.94 min Scan# 348
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Instrument :
BNA_E
ClientSampleId :
PB90774BL

Tgt Ion: 82 Resp: 38009

Ion	Ratio	Lower	Upper
82	100		
128	64.7	39.5	59.3#
54	28.9	30.3	45.5#

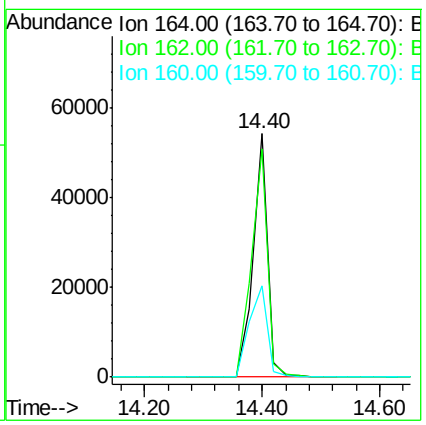


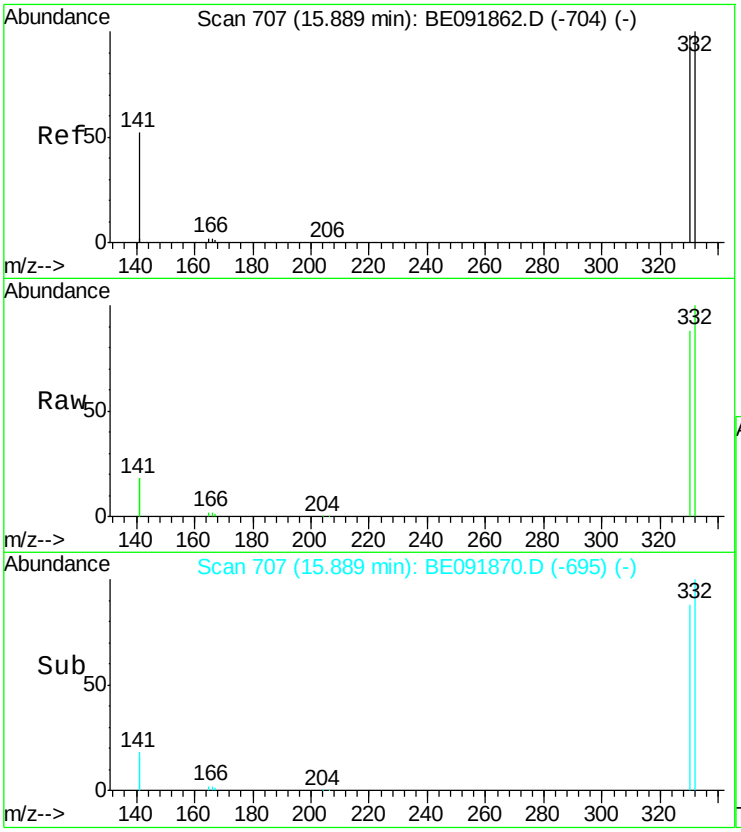


#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 629
Delta R.T. -0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Tgt Ion:164 Resp: 93051

Ion	Ratio	Lower	Upper
164	100		
162	93.7	71.8	107.8
160	37.6	28.0	42.0



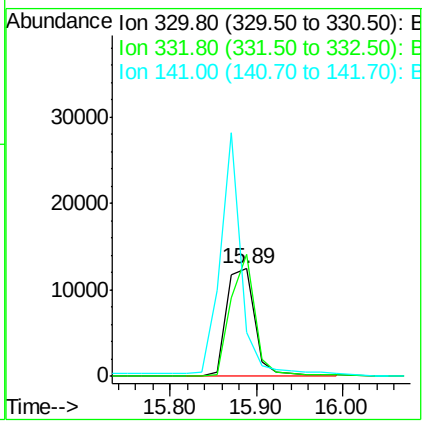


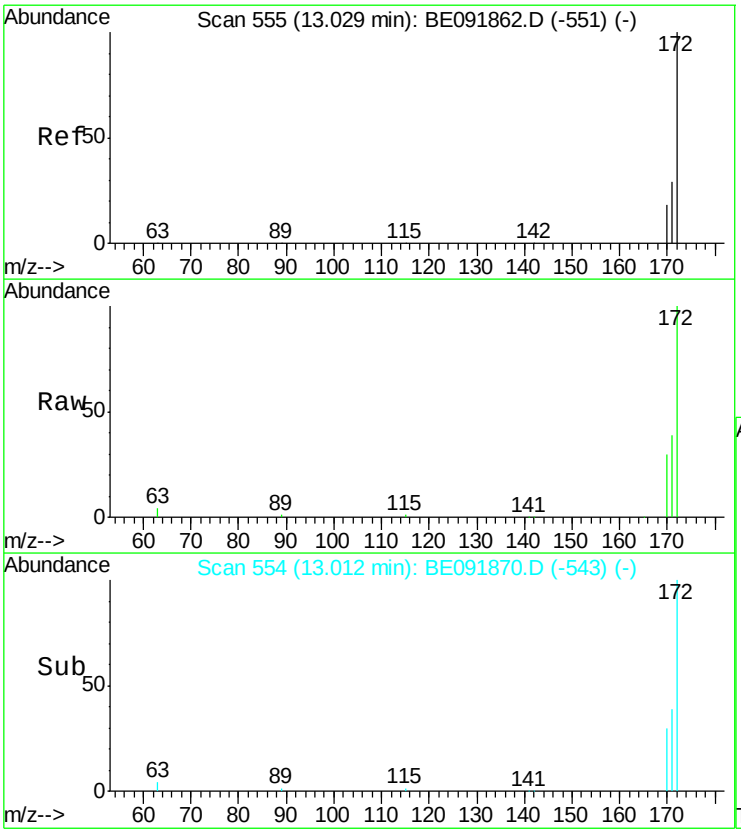
#16
2,4,6-Tribromophenol
Concen: 6.79 ng
RT: 15.89 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Instrument :
BNA_E
ClientSampleId :
PB90774BL

Tgt Ion:330 Resp: 28183

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	165.5	138.4	207.6

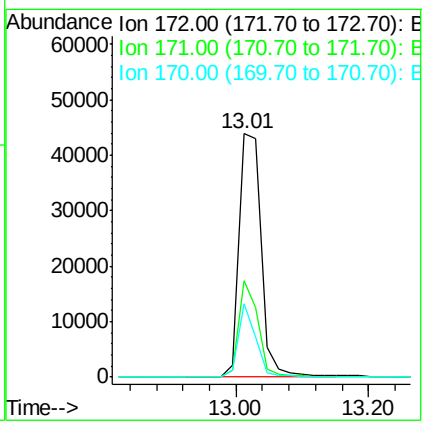


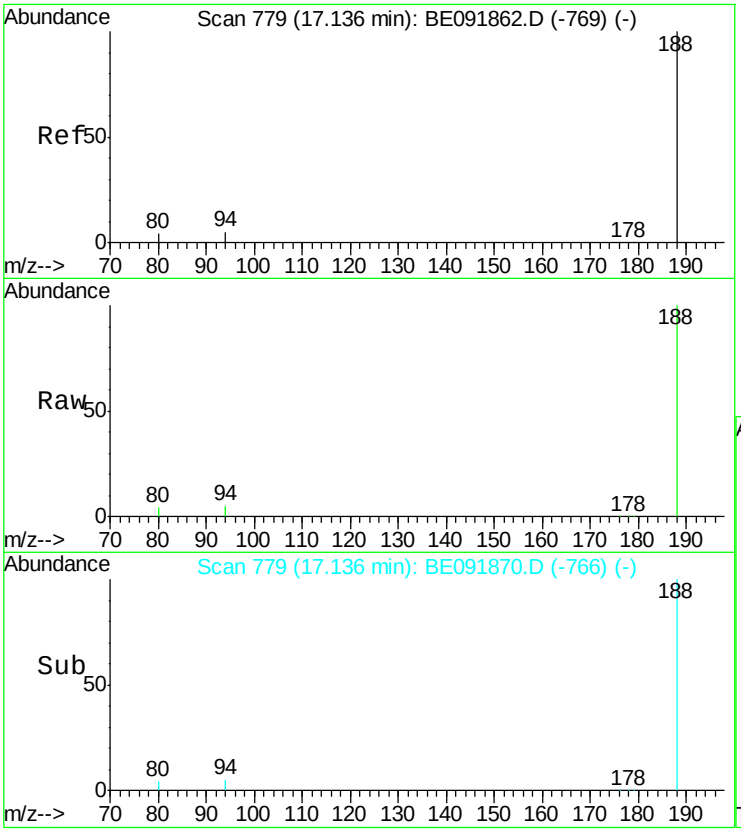


#17
2-Fluorobiphenyl
Concen: 3.66 ng
RT: 13.01 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Tgt Ion:172 Resp: 101233

Ion	Ratio	Lower	Upper
172	100		
171	39.4	24.3	36.5#
170	30.1	14.9	22.3#



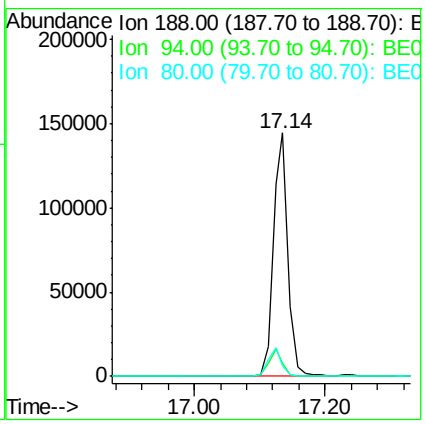


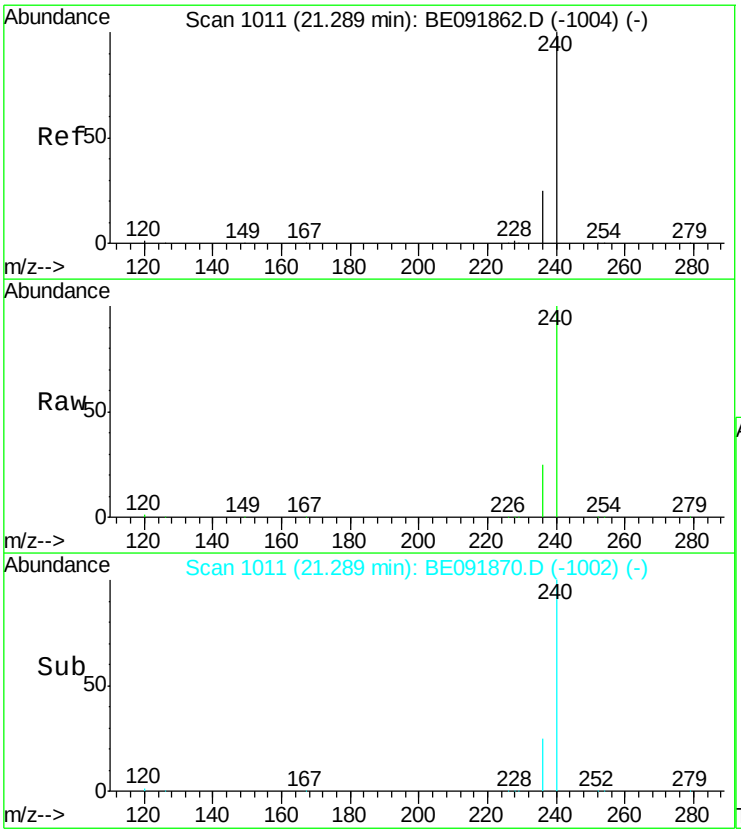
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Instrument :
BNA_E
ClientSampleId :
PB90774BL

Tgt Ion:188 Resp: 265547

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.1	6.1
80	4.5	3.4	5.2

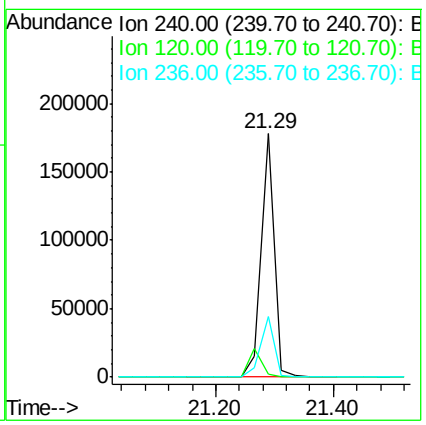


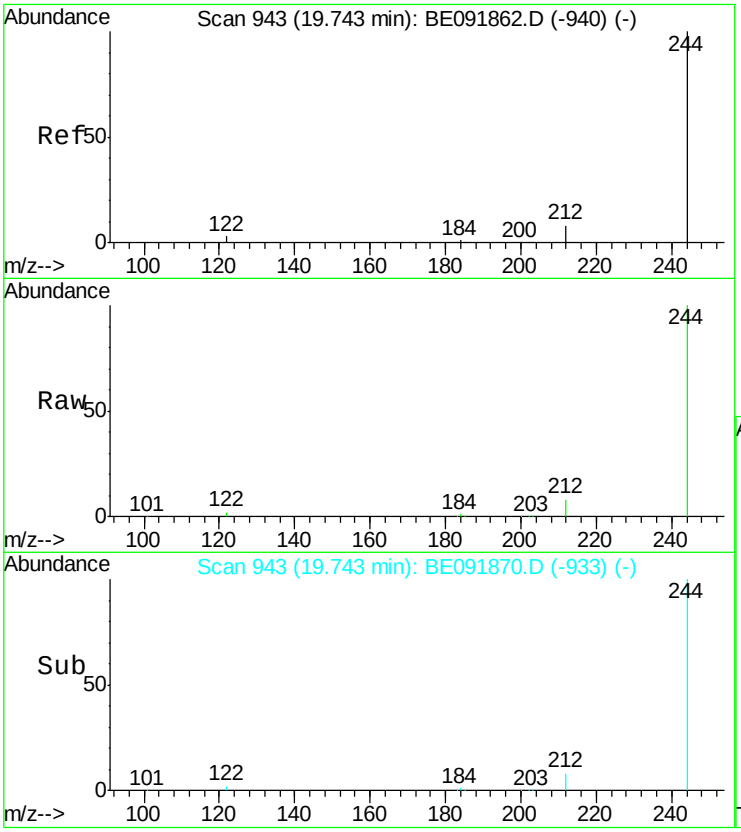


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Tgt Ion:240 Resp: 277678

Ion	Ratio	Lower	Upper
240	100		
120	1.4	1.2	1.8
236	24.7	19.8	29.8



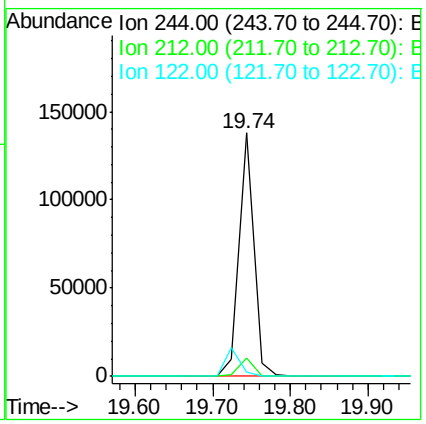


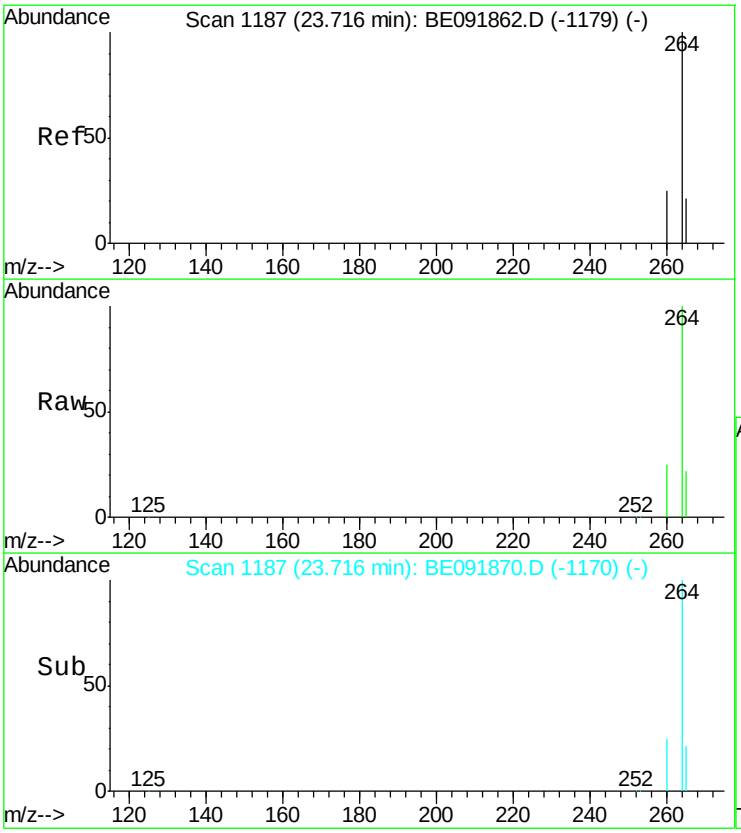
#34
Terphenyl-d14
Concen: 4.32 ng
RT: 19.74 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Instrument :
BNA_E
ClientSampleId :
PB90774BL

Tgt Ion:244 Resp: 180996

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	1.8	2.9	4.3#





#40
Perylene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BE091870.D
Acq: 25 May 2016 22:19

Tgt Ion:264 Resp: 251238

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.3	30.5
265	22.0	17.6	26.4