Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091777.D
Acq On : 16 May 2016 17:13
Operator : UM/SJ
Sample : PB90589BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90589BL

Quant Time: May 17 12:39:19 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	50811	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	248038	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	152451	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	364640	5.00	ng	0.00
26) Chrysene-d12	21.31	240	355731	5.00	ng	0.00
35) Perylene-d12	23.74	264	373053	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	77651	6.22	ng	0.00
5) Phenol-d6	6.96	99	110755	6.69	ng	0.00
8) Nitrobenzene-d5	8.95	82	46193	2.89	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	28846	5.14	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	137057	3.18	ng	0.00
29) Terphenyl-d14	19.76	244	198707	3.58	ng	0.00
Target Compounds						Qvalue

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

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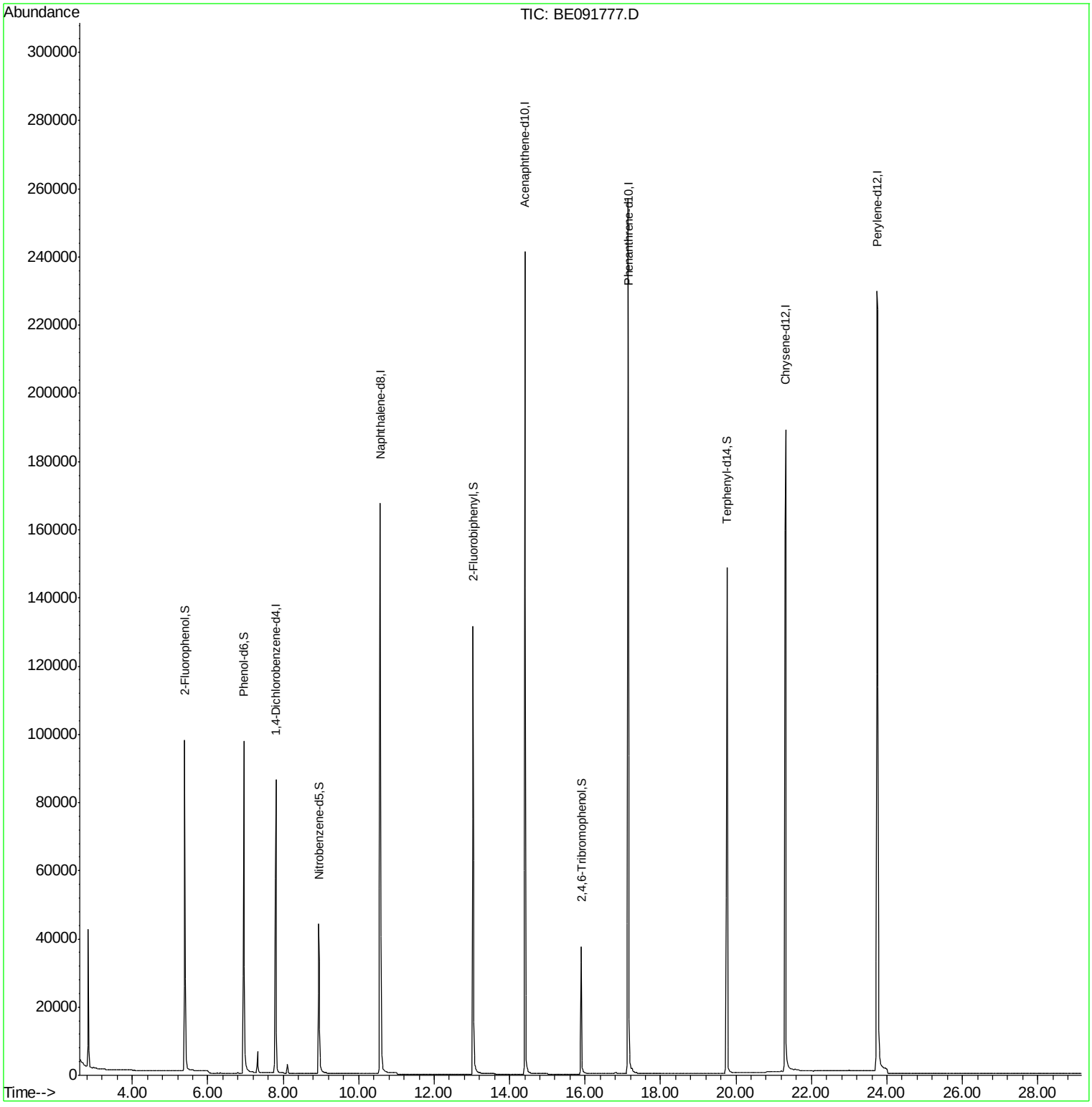
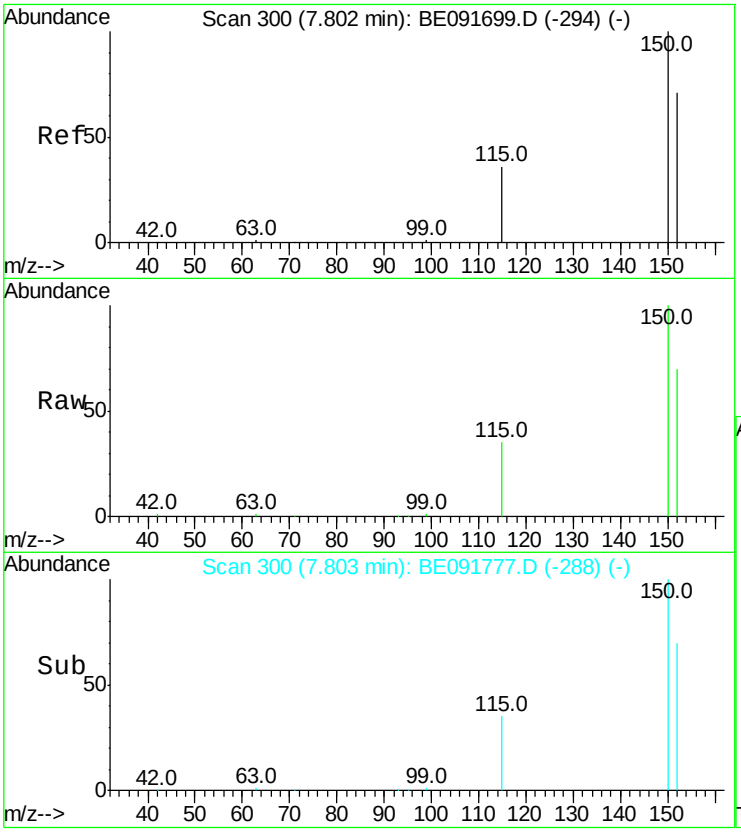


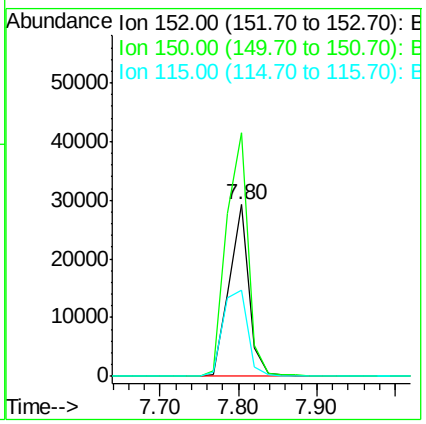


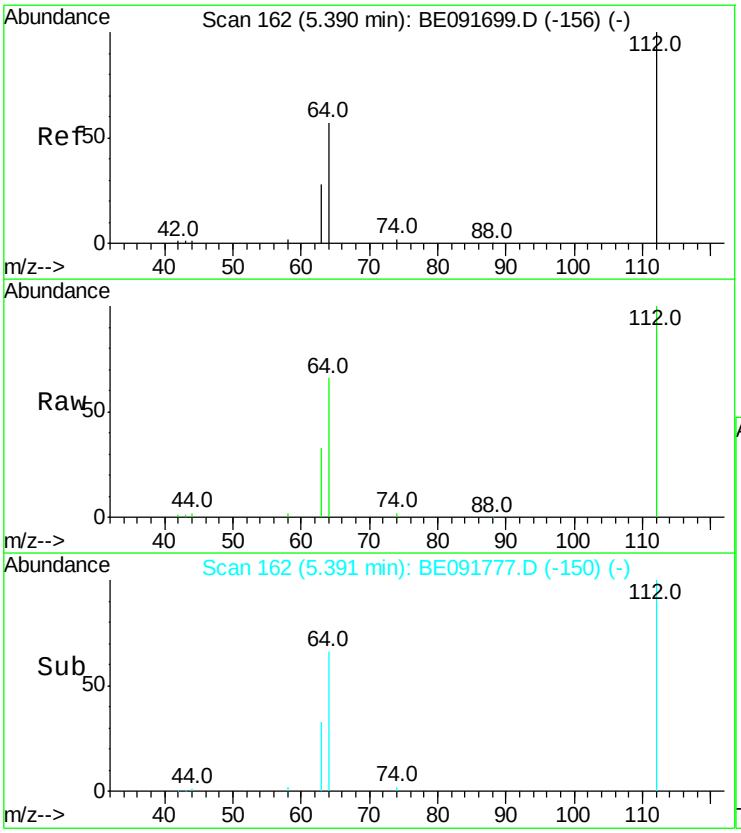
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB90589BL

Tgt Ion:152 Resp: 50811

Ion	Ratio	Lower	Upper
152	100		
150	142.1	122.6	183.8
115	50.3	52.8	79.2#

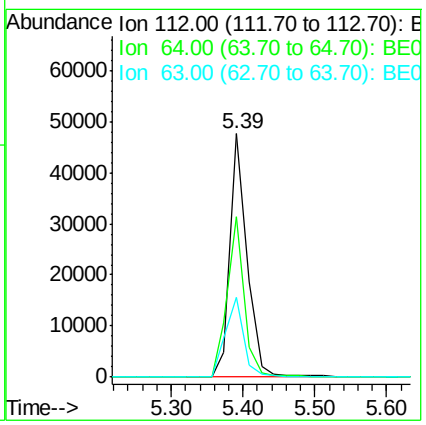


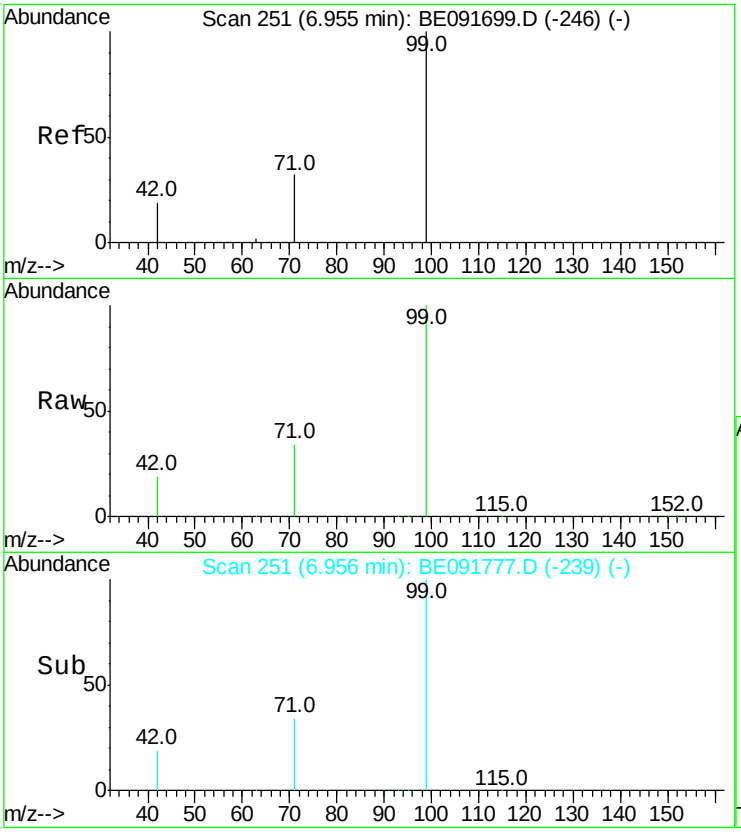


#4
2-Fluorophenol
Concen: 6.22 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Tgt Ion:112 Resp: 77651

Ion	Ratio	Lower	Upper
112	100		
64	65.9	30.9	46.3#
63	35.4	16.7	25.1#



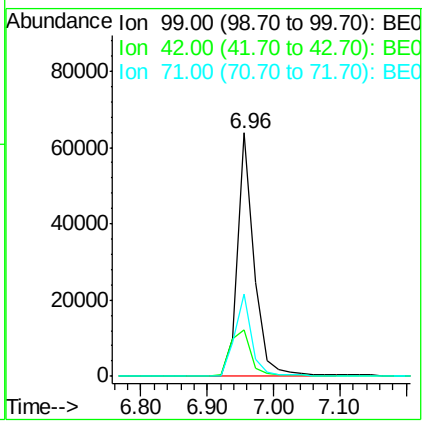


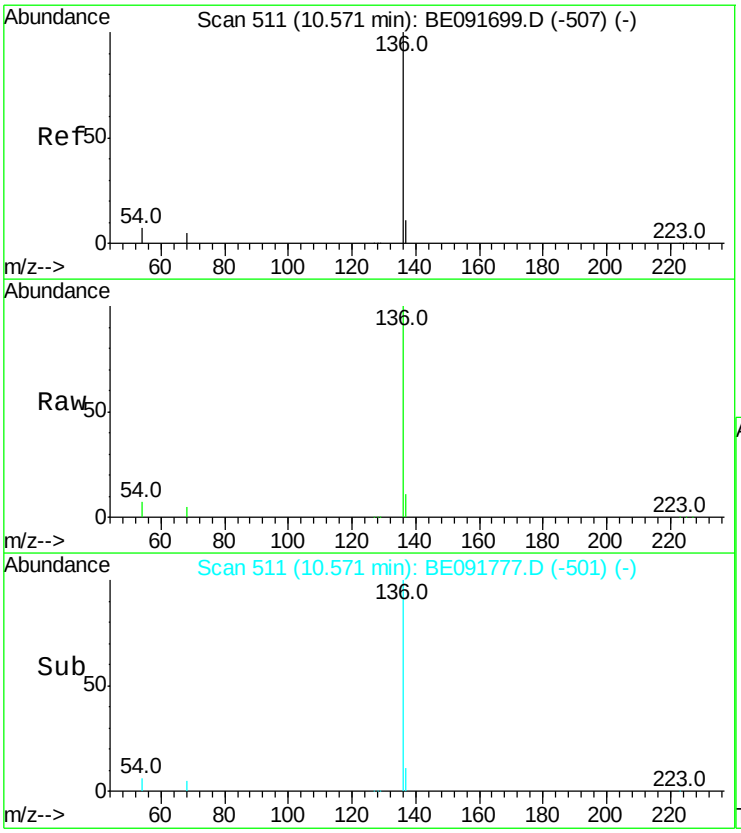
#5
Phenol-d6
Concen: 6.69 ng
RT: 6.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB90589BL

Tgt Ion: 99 Resp: 110755

Ion	Ratio	Lower	Upper
99	100		
42	23.9	16.2	24.2
71	35.0	29.0	43.4

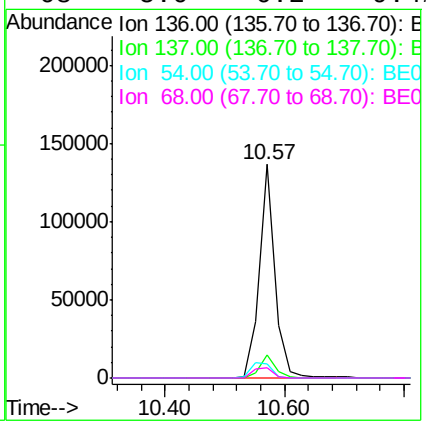


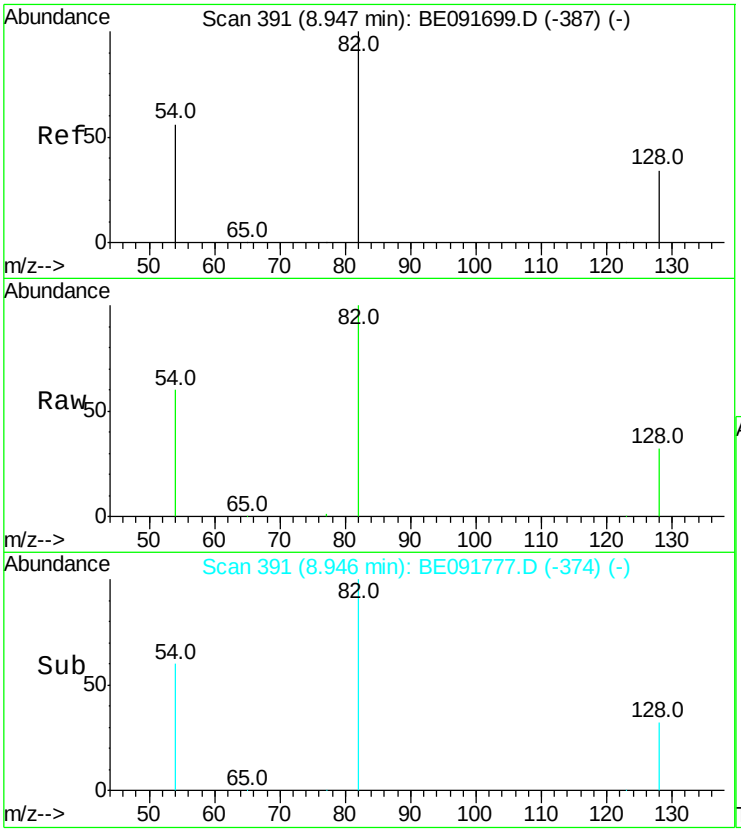


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Tgt Ion:136 Resp: 248038

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	8.2	12.4#
68	5.0	6.2	9.4#



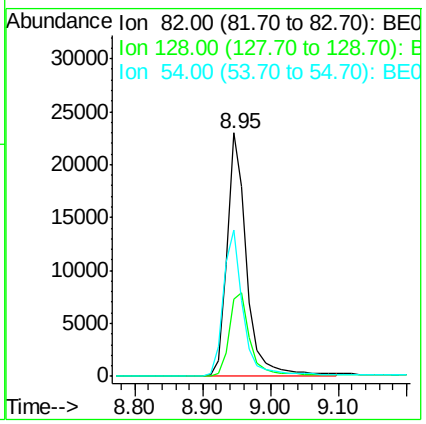


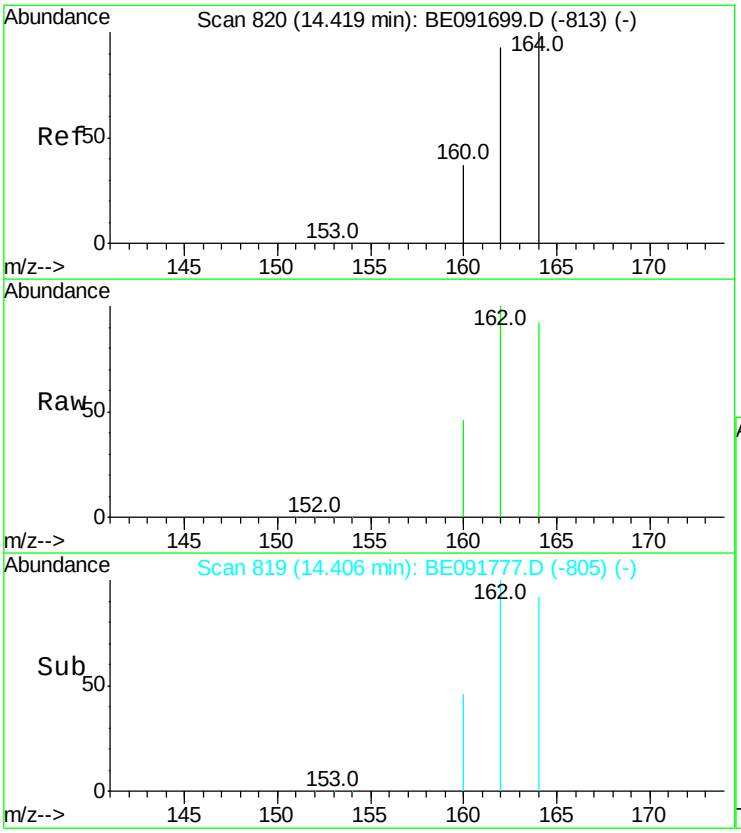
#8
Nitrobenzene-d5
Concen: 2.89 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB90589BL

Tgt Ion: 82 Resp: 46193

Ion	Ratio	Lower	Upper
82	100		
128	31.9	25.4	38.0
54	60.0	48.4	72.6

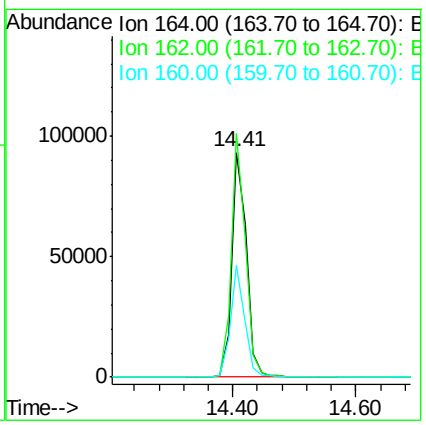


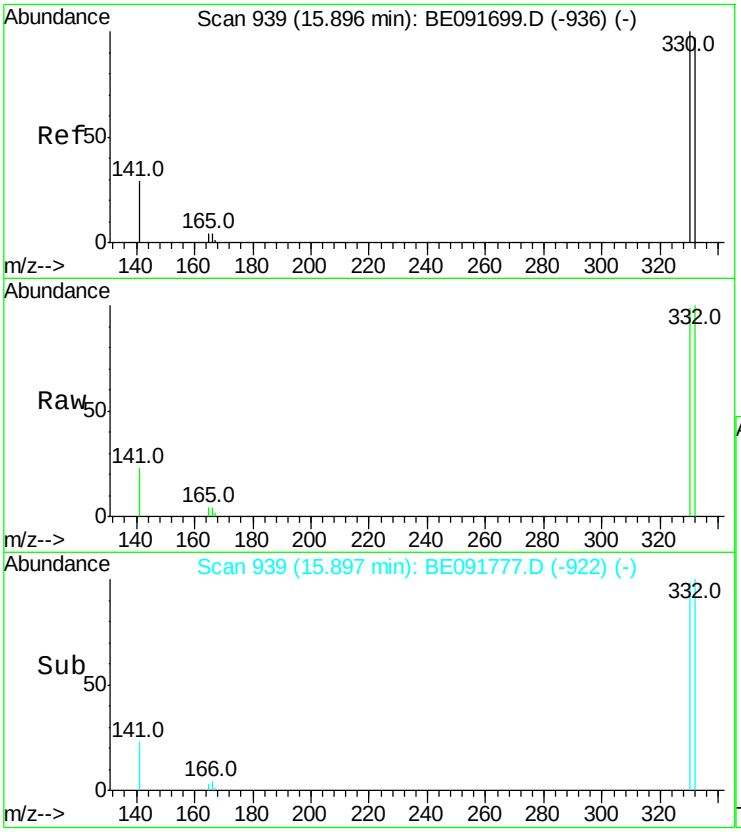


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Tgt Ion:164 Resp: 152451

Ion	Ratio	Lower	Upper
164	100		
162	108.4	85.3	127.9
160	50.0	46.2	69.2



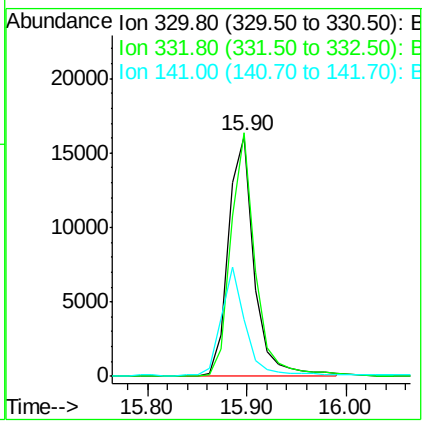


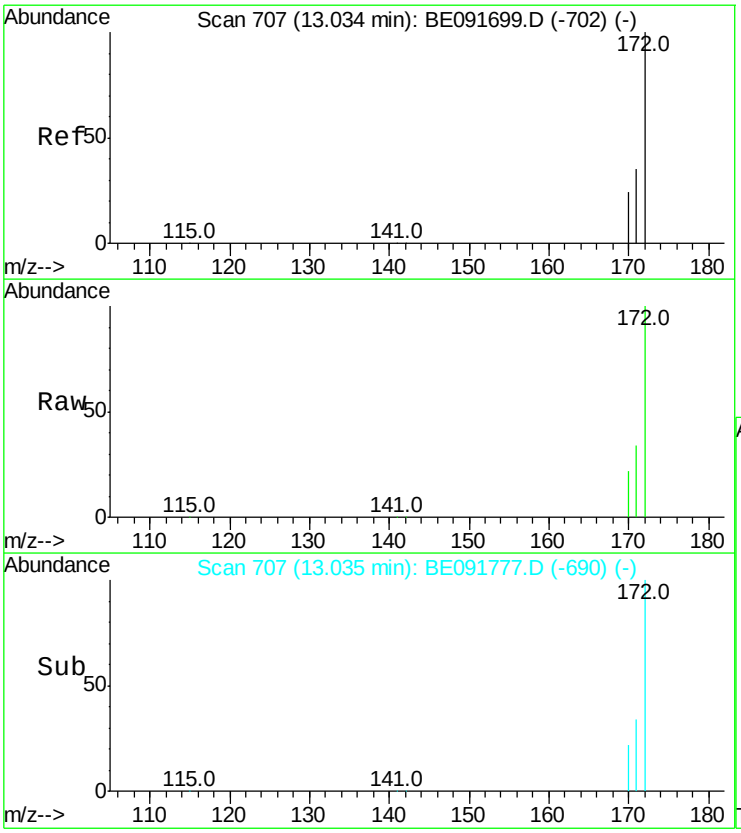
#14
2,4,6-Tribromophenol
Concen: 5.14 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB90589BL

Tgt Ion:330 Resp: 28846

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	42.2	125.4	188.0#

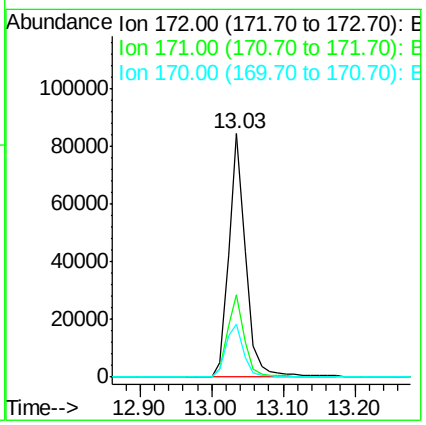


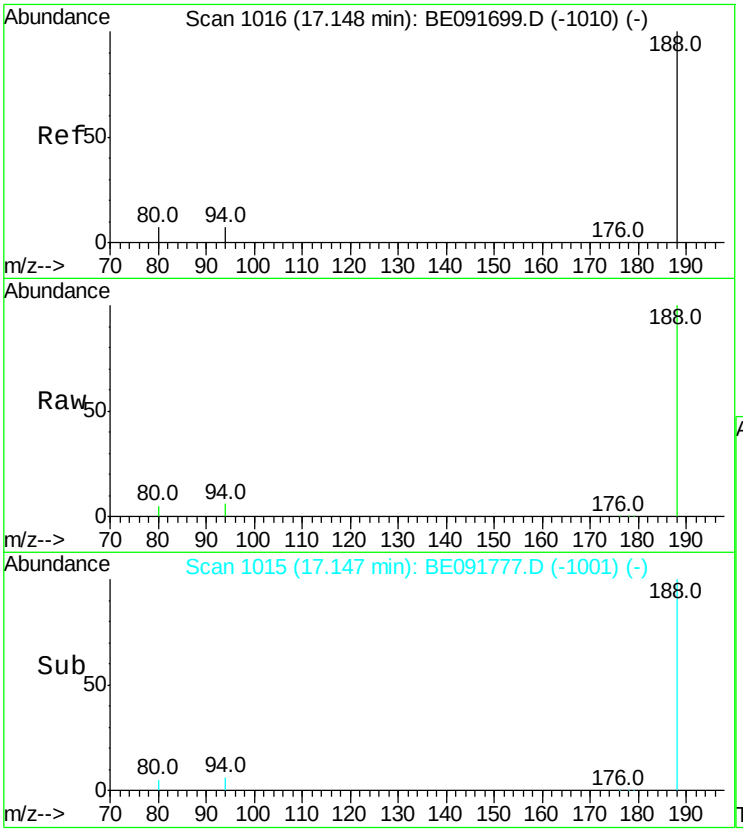


#15
2-Fluorobiphenyl
Concen: 3.18 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Tgt Ion:172 Resp: 137057

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.8	43.2
170	21.8	19.3	28.9



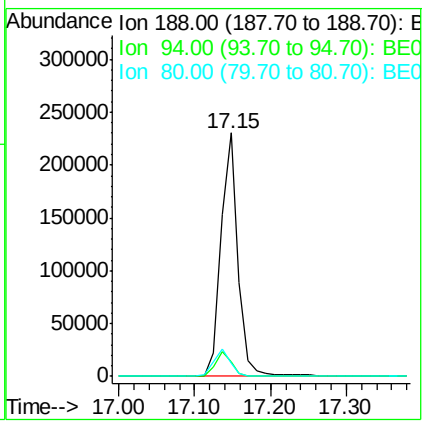


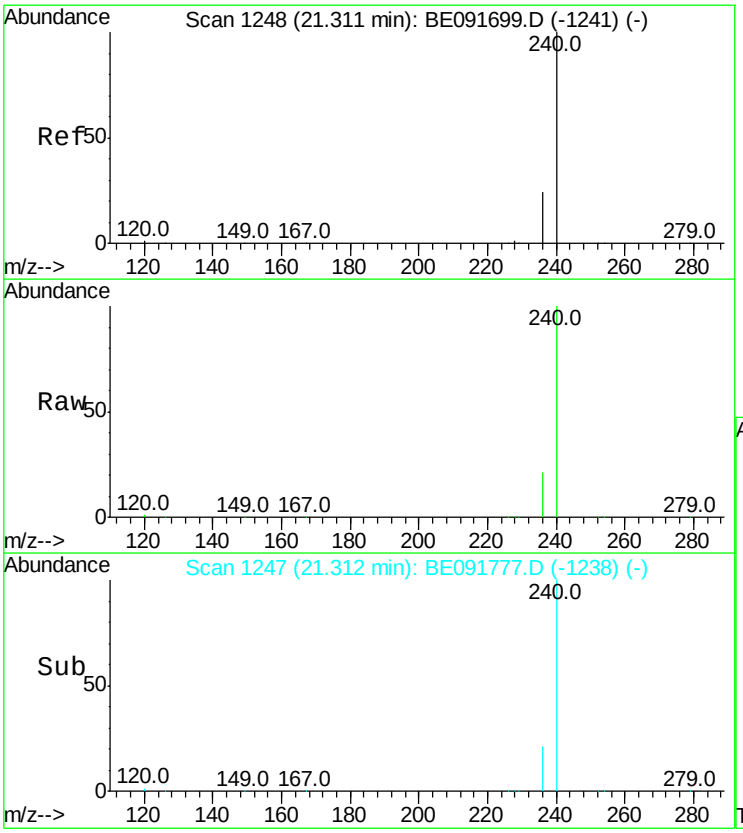
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB90589BL

Tgt Ion:188 Resp: 364640

Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	5.4	9.4	14.0#

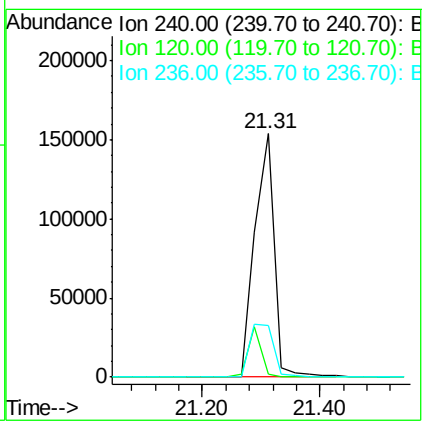


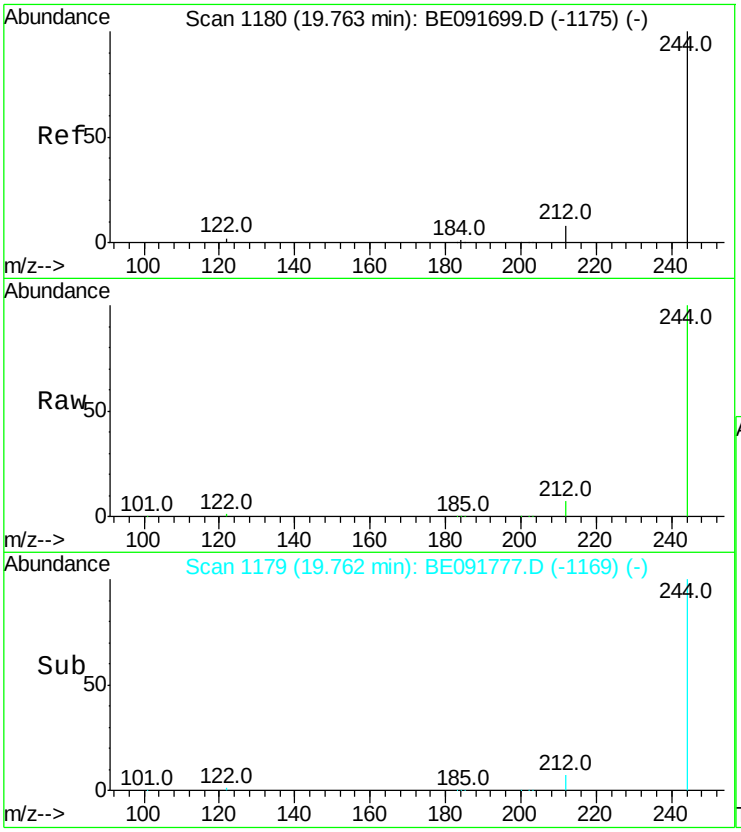


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Tgt Ion:240 Resp: 355731

Ion	Ratio	Lower	Upper
240	100		
120	1.0	11.0	16.4#
236	21.3	21.7	32.5#



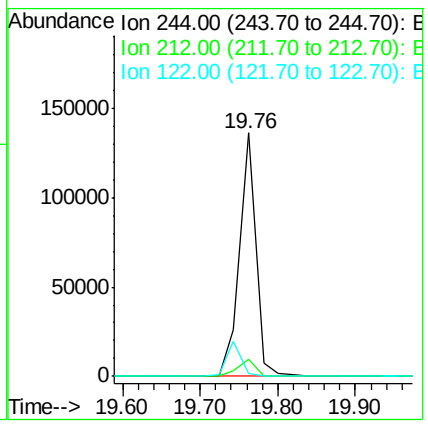


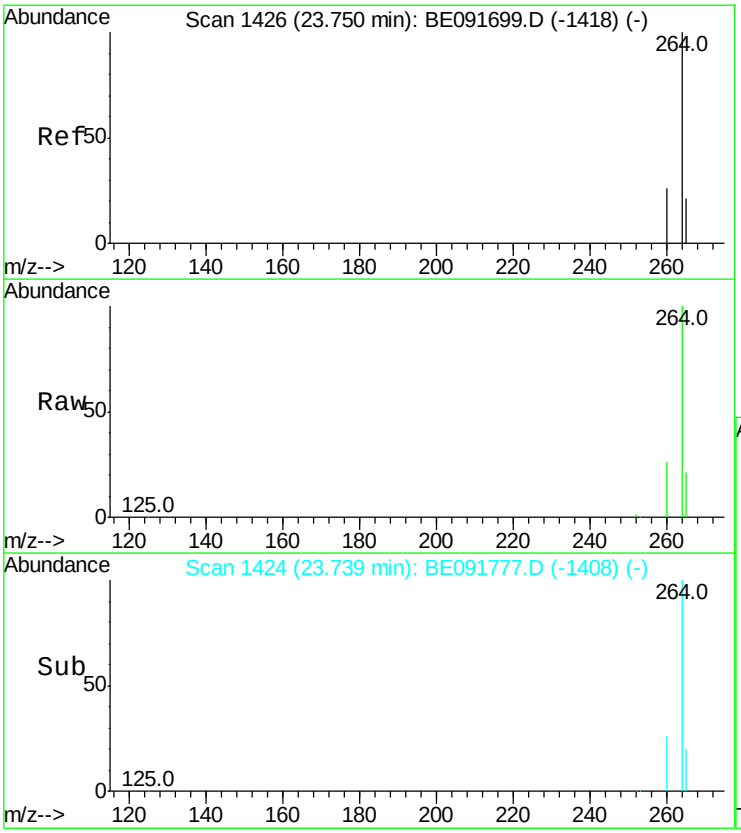
#29
Terphenyl-d14
Concen: 3.58 ng
RT: 19.76 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Instrument :
BNA_E
ClientSampleId :
PB90589BL

Tgt Ion:244 Resp: 198707

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.9	10.3#
122	1.3	11.0	16.4#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BE091777.D
Acq: 16 May 2016 17:13

Tgt Ion:264 Resp: 373053

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.0	30.0
265	20.8	17.5	26.3