Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091973.D
Acq On : 5 Jul 2016 22:22
Operator : UM/SJ
Sample : PB91544BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB91544BL

Quant Time: Jul 06 06:01:07 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24373	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	107384	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	77686	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	174057	5.00	ng	0.00
31) Chrysene-d12	21.76	240	311115	5.00	ng	0.00
40) Perylene-d12	24.18	264	244013	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	32951	5.65	ng	0.00
5) Phenol-d6	7.35	99	43211	5.33	ng	-0.02
9) Nitrobenzene-d5	9.37	82	23559	3.22	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	11827	4.32	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	61539	3.25	ng	0.00
34) Terphenyl-d14	20.22	244	107381	2.93	ng	0.00
Target Compounds						Qvalue

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

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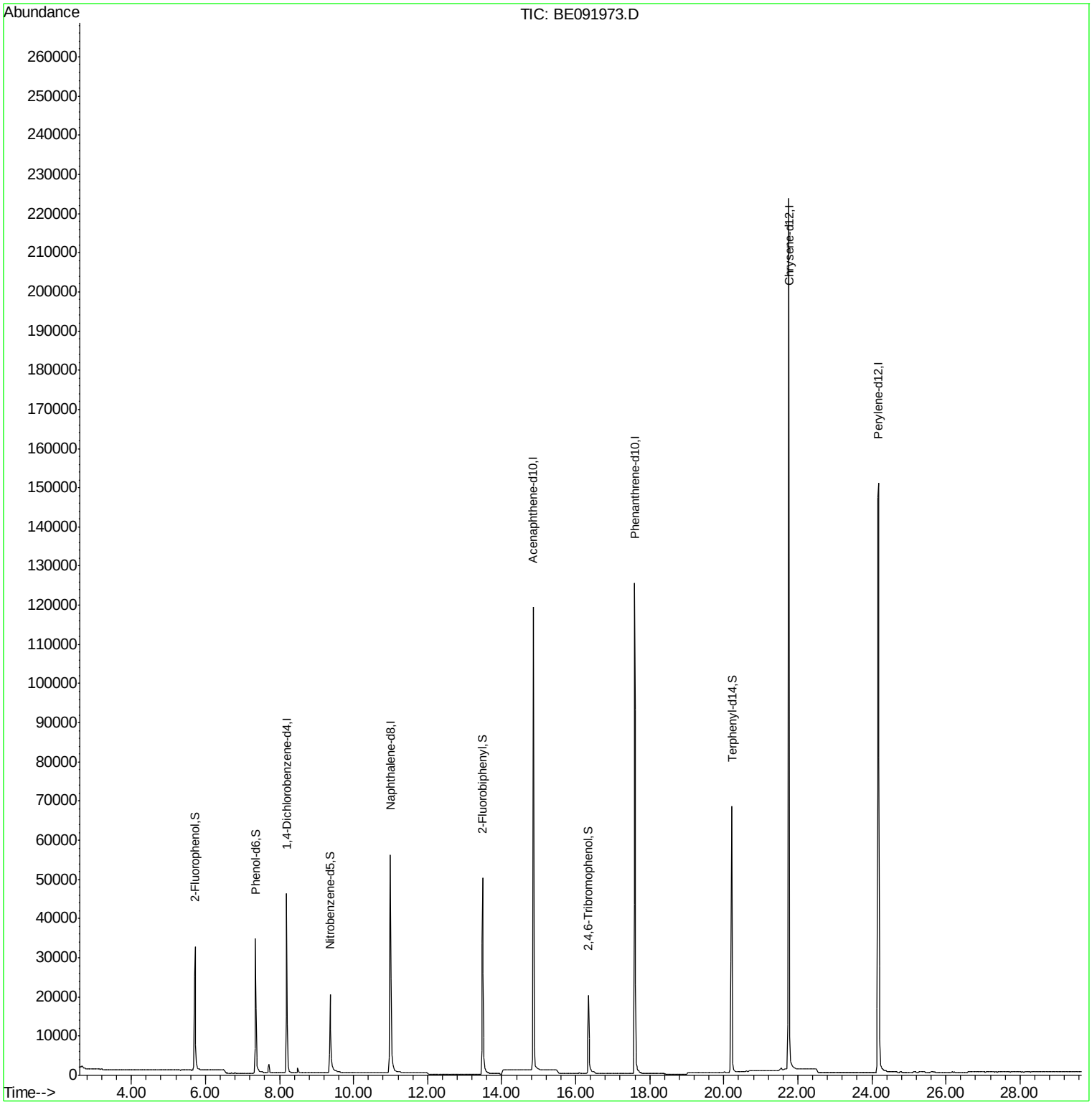
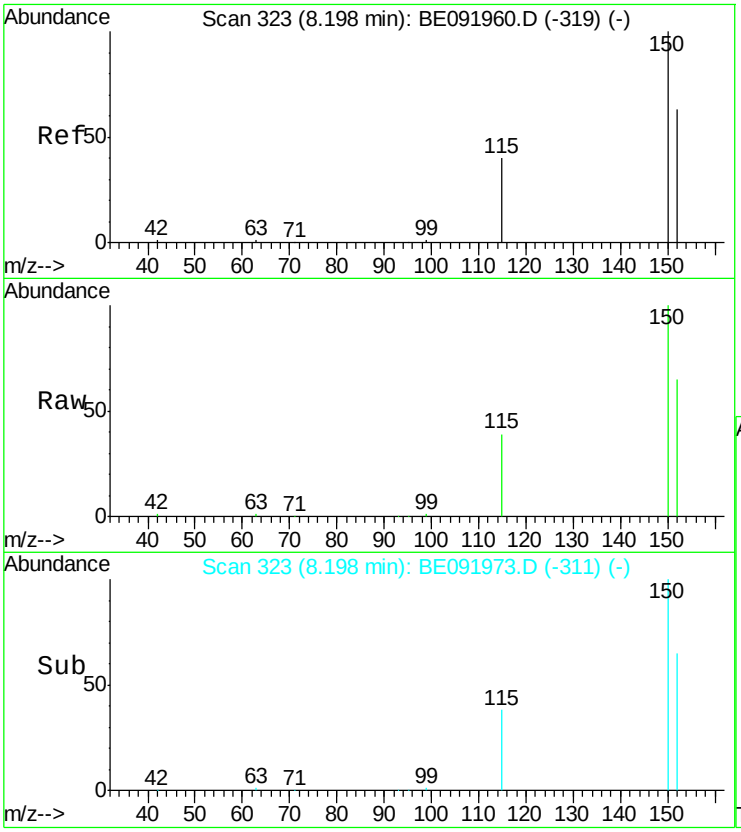


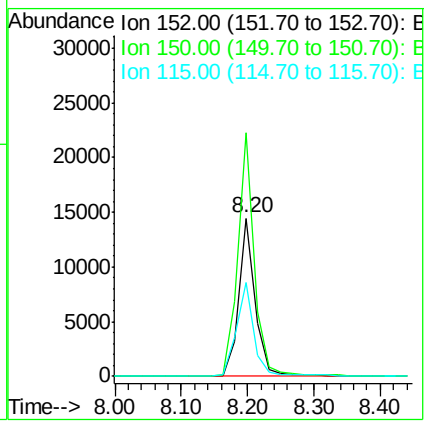


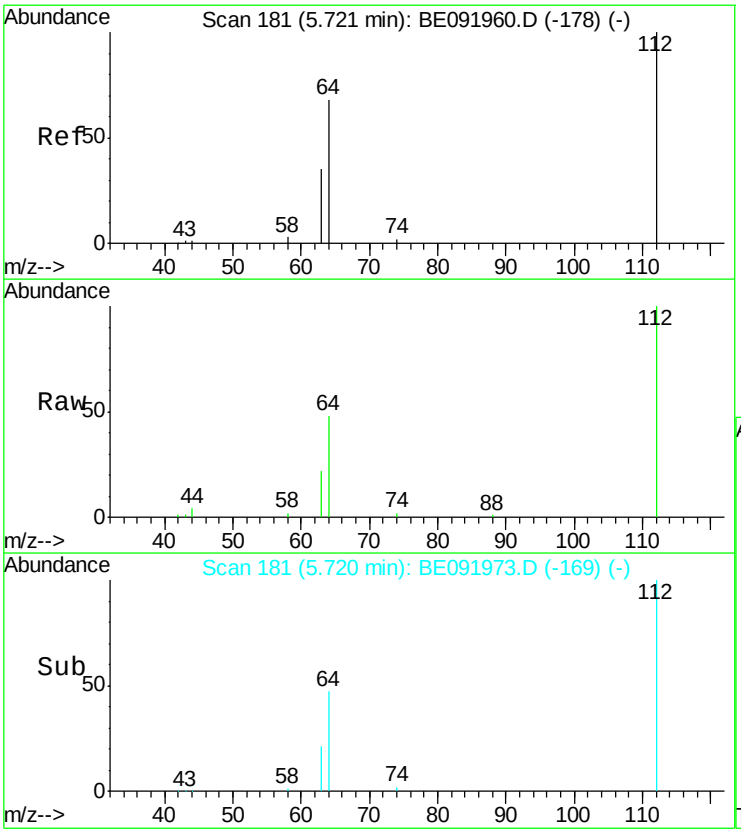
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Instrument :
BNA_E
ClientSampleId :
PB91544BL

Tgt Ion:152 Resp: 24373

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	59.4	48.3	72.5

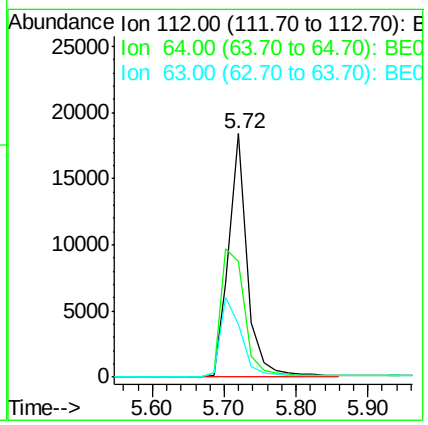


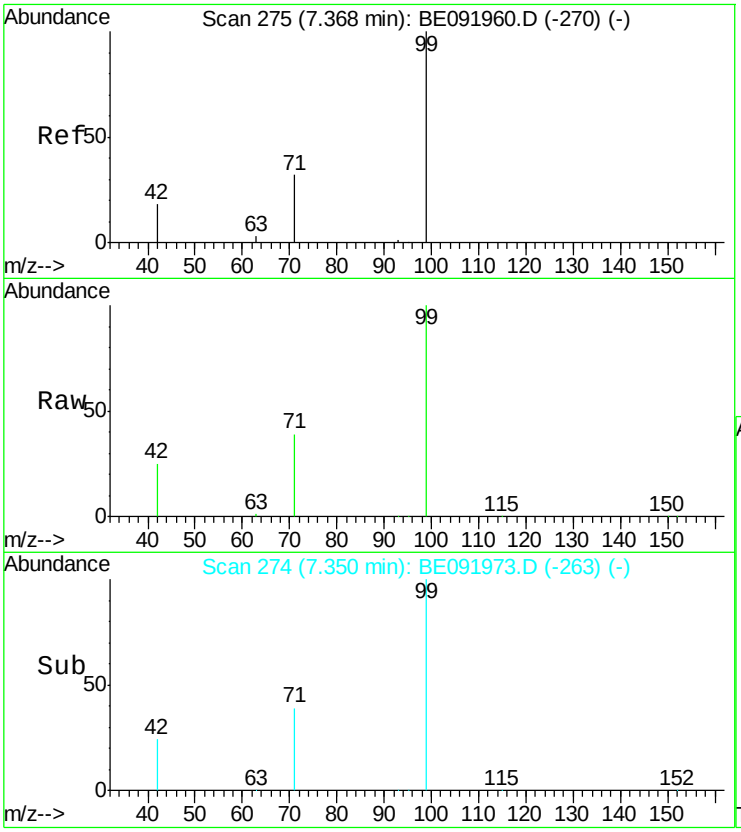


#4
2-Fluorophenol
Concen: 5.65 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Tgt Ion:112 Resp: 32951

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.7	80.5
63	36.2	29.5	44.3



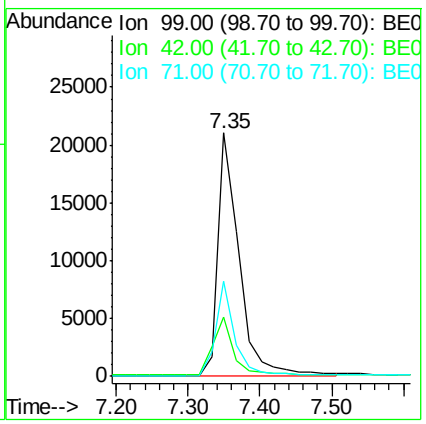


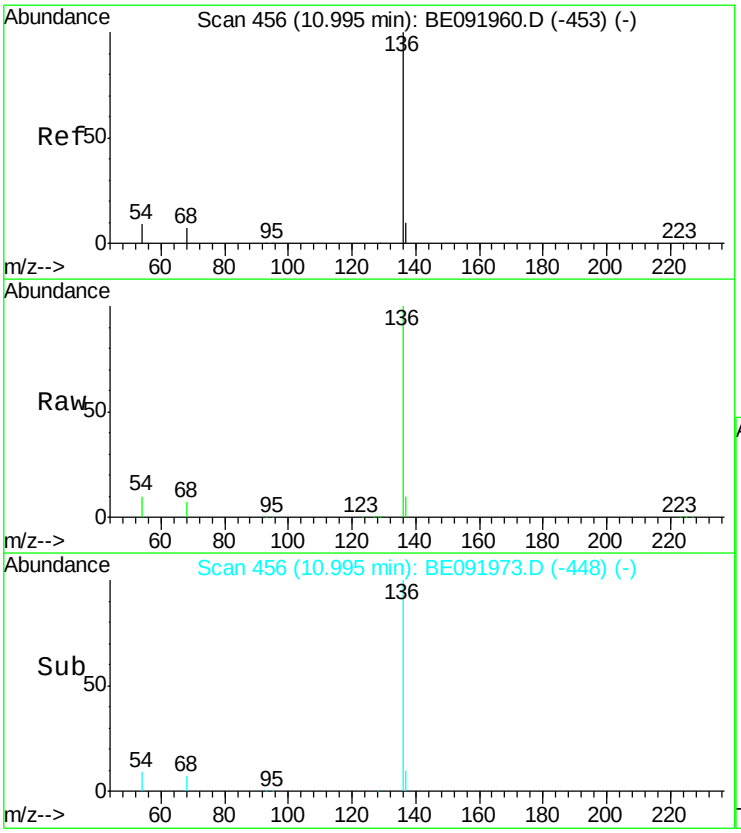
#5
Phenol-d6
Concen: 5.33 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Instrument :
BNA_E
ClientSampleId :
PB91544BL

Tgt Ion: 99 Resp: 43211

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.6	29.4
71	35.3	28.1	42.1

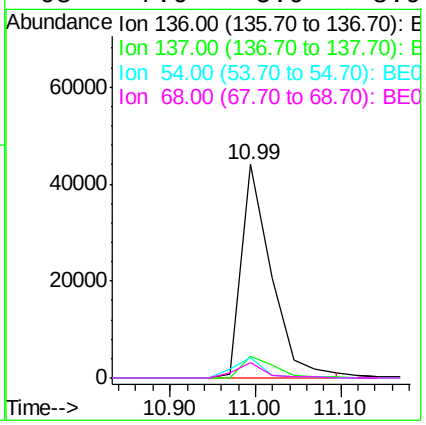


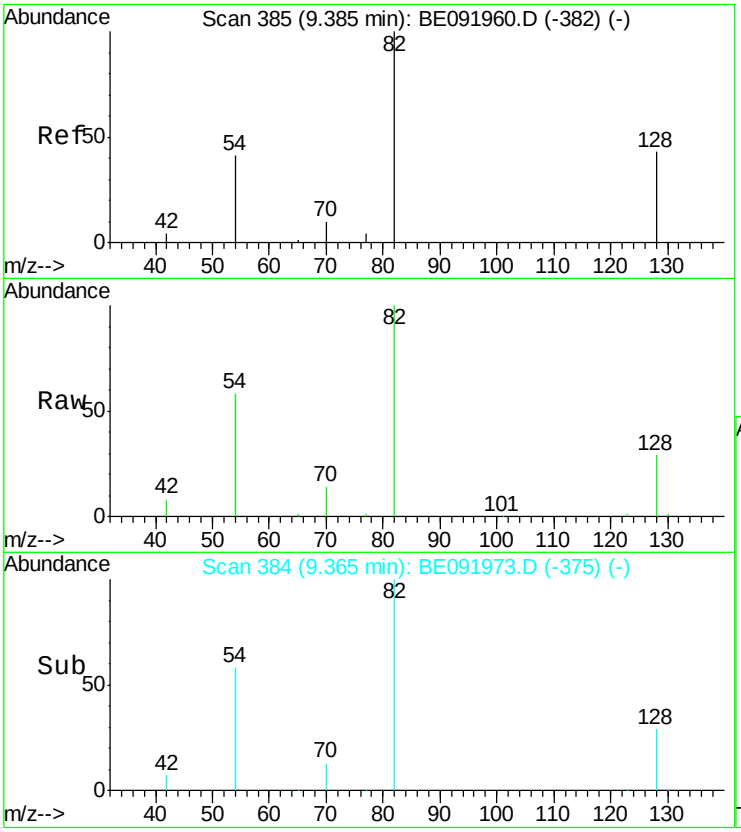


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Tgt Ion:136 Resp: 107384

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	9.5	8.2	12.4
68	7.0	5.9	8.9



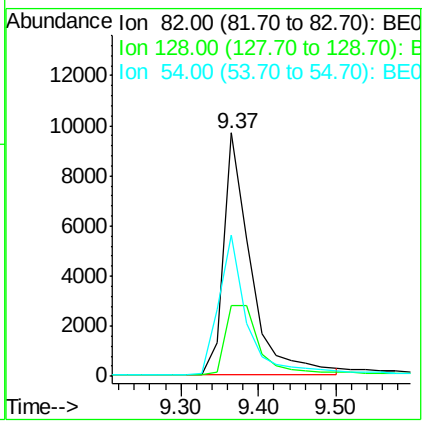


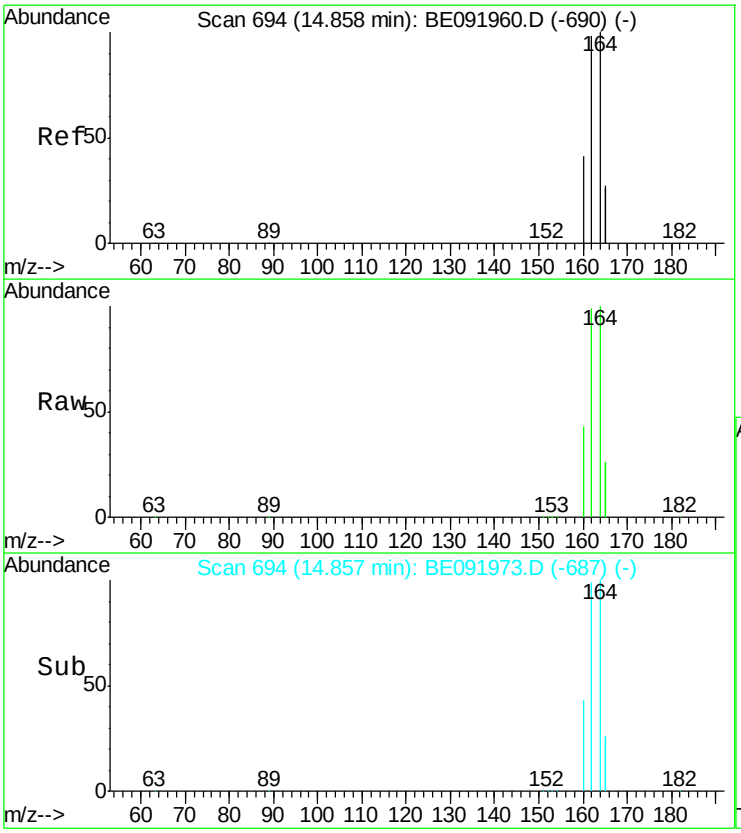
#9
Nitrobenzene-d5
Concen: 3.22 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Instrument :
BNA_E
ClientSampleId :
PB91544BL

Tgt Ion: 82 Resp: 23559

Ion	Ratio	Lower	Upper
82	100		
128	29.1	39.5	59.3#
54	58.1	30.3	45.5#

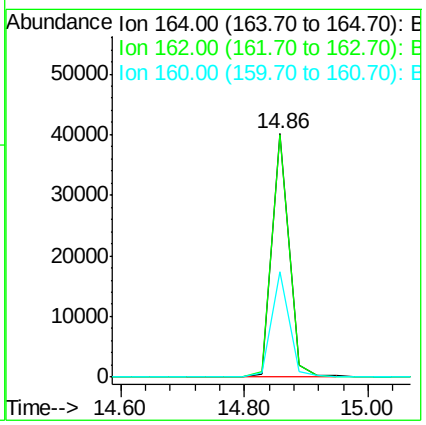


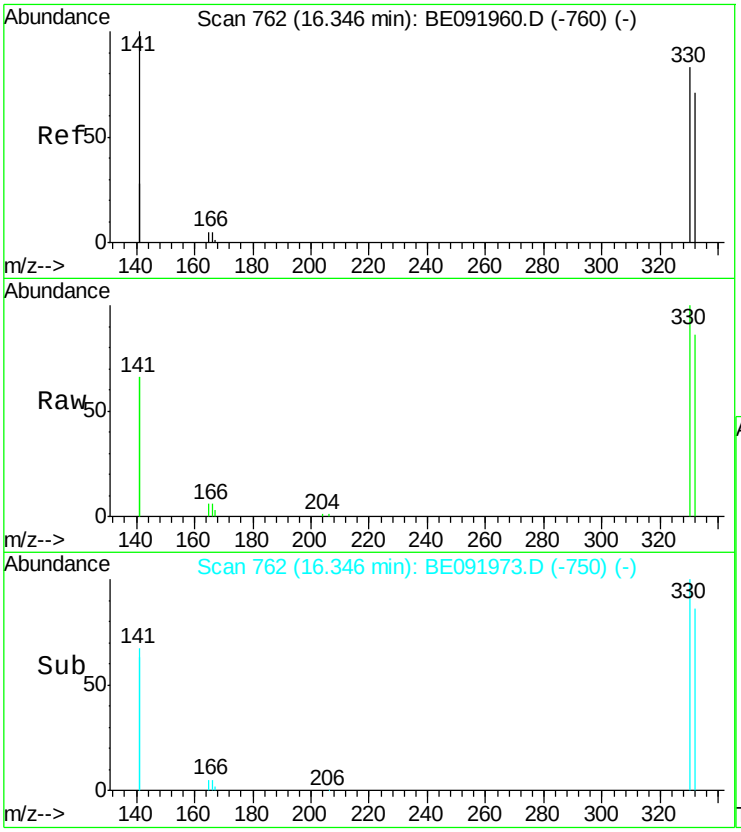


#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Tgt Ion:164 Resp: 77686

Ion	Ratio	Lower	Upper
164	100		
162	99.5	71.8	107.8
160	43.1	28.0	42.0#



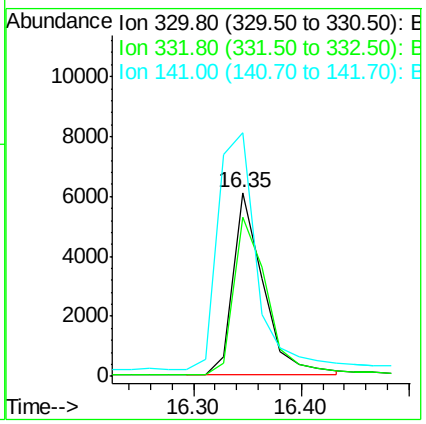


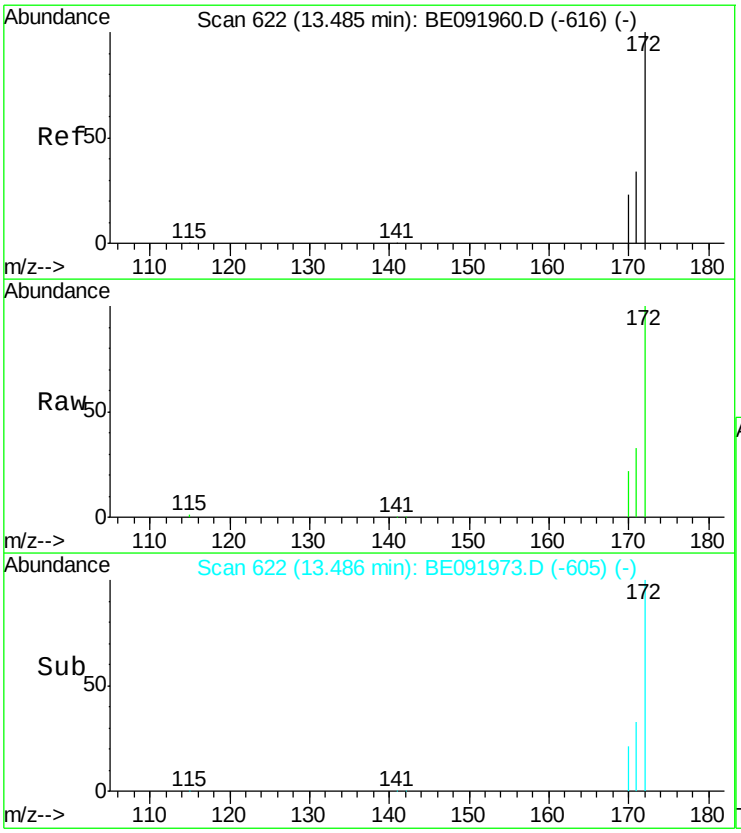
#16
2,4,6-Tribromophenol
Concen: 4.32 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Instrument :
BNA_E
ClientSampleId :
PB91544BL

Tgt Ion:330 Resp: 11827

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	165.3	138.4	207.6

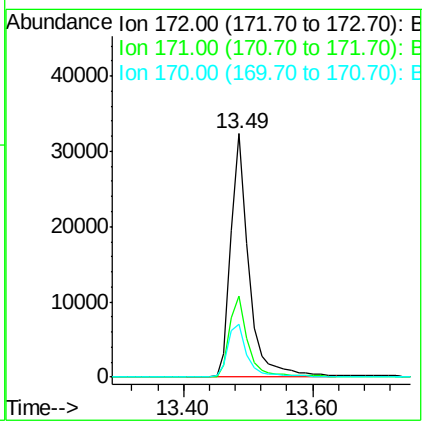


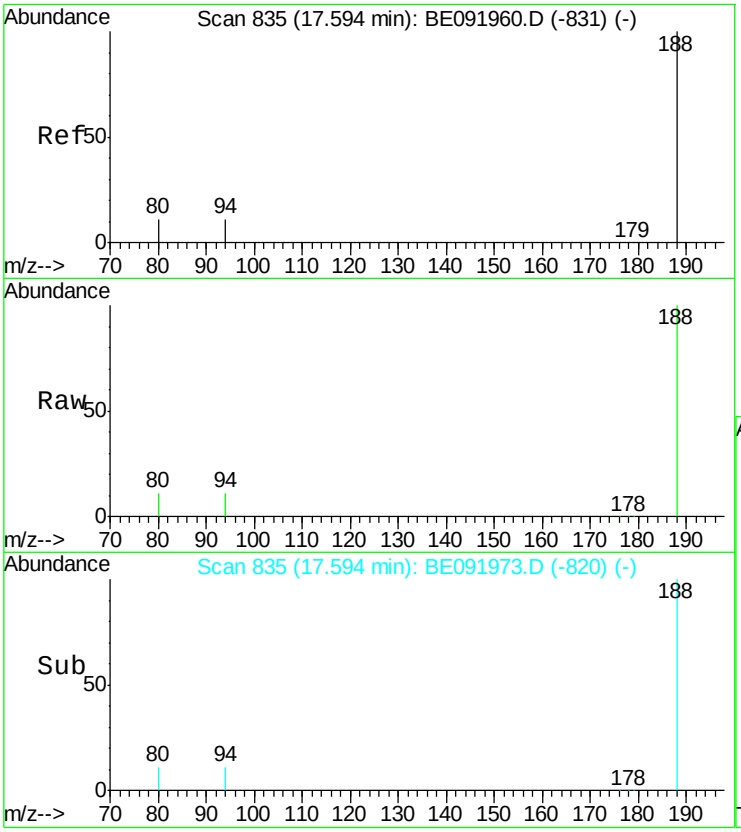


#17
2-Fluorobiphenyl
Concen: 3.25 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Tgt Ion:172 Resp: 61539

Ion	Ratio	Lower	Upper
172	100		
171	33.3	24.3	36.5
170	21.6	14.9	22.3



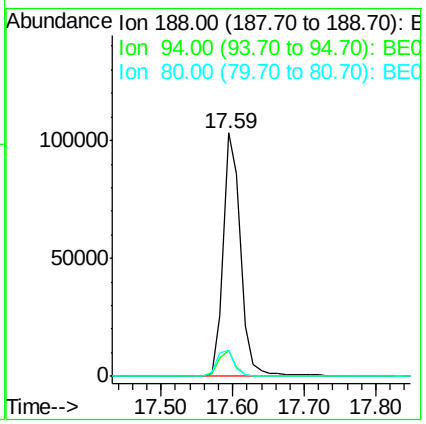


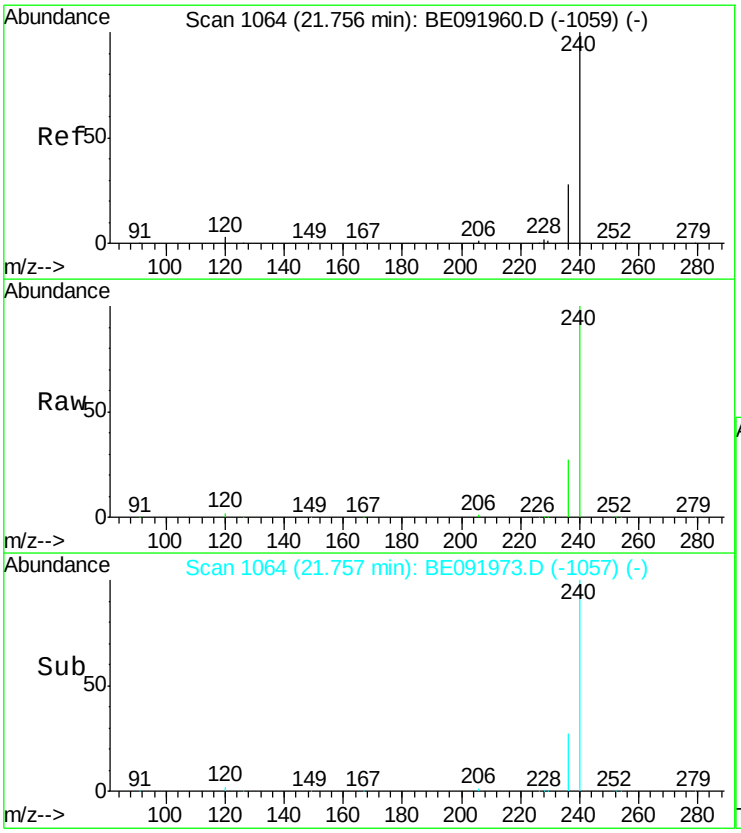
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Instrument :
BNA_E
ClientSampleId :
PB91544BL

Tgt Ion:188 Resp: 174057

Ion	Ratio	Lower	Upper
188	100		
94	10.7	4.1	6.1#
80	10.7	3.4	5.2#

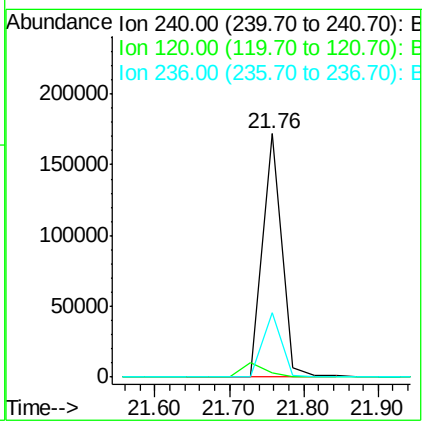


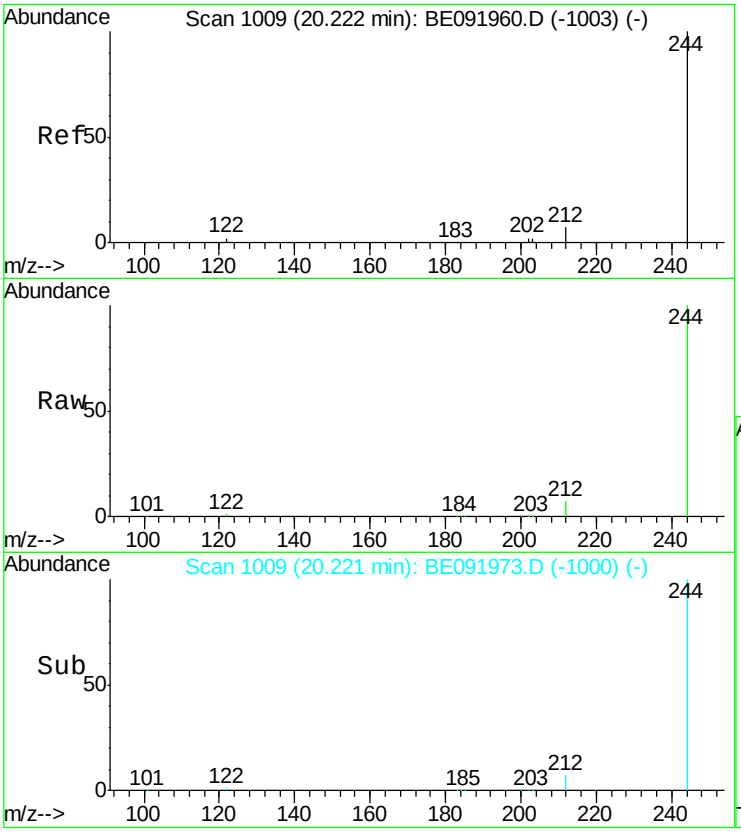


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Tgt Ion:240 Resp: 311115

Ion	Ratio	Lower	Upper
240	100		
120	1.7	1.2	1.8
236	26.7	19.8	29.8



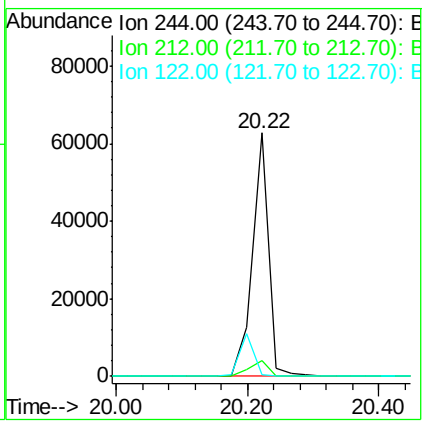


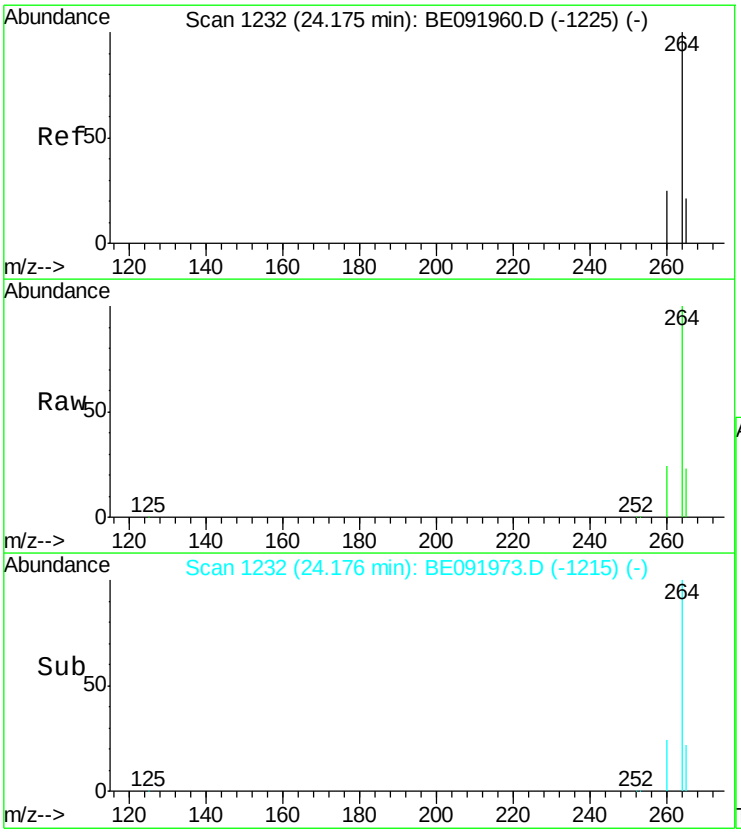
#34
Terphenyl-d14
Concen: 2.93 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Instrument :
BNA_E
ClientSampleId :
PB91544BL

Tgt Ion:244 Resp: 107381

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	0.7	2.9	4.3#





#40
Perylene-d12
Concen: 5.00 ng
RT: 24.18 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091973.D
Acq: 5 Jul 2016 22:22

Tgt Ion:264 Resp: 244013

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	22.5	17.6	26.4