Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088221.D
Acq On : 24 Oct 2014 20:03
Operator : TP/JJ
Sample : F4372-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-EB02-101714-SO

Quant Time: Oct 27 13:29:23 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 27 13:04:40 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	40613	5.00	ng		0.00
3) Naphthalene-d8	8.68	136	154028	5.00	ng		0.00
7) Acenaphthene-d10	10.83	164	74857	5.00	ng		0.00
12) Phenanthrene-d10	12.94	188	129848	5.00	ng		0.00
16) Chrysene-d12	18.34	240	67616	5.00	ng		0.00
22) Perylene-d12	21.40	264	58306	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.80	82	81386	7.10	ng		0.00
8) 2-Fluorobiphenyl	10.01	172	137230	6.57	ng		0.00
18) Terphenyl-d14	16.11	244	115415	10.42	ng		0.00
Target Compounds							Qvalue
5) Naphthalene	8.70	128	6271	0.20	ng		98
6) 2-Methylnaphthalene	9.55	142	606	0.03	ng	#	90
19) Benzo(a)anthracene	18.34	228	1287	0.02	ng	#	67

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

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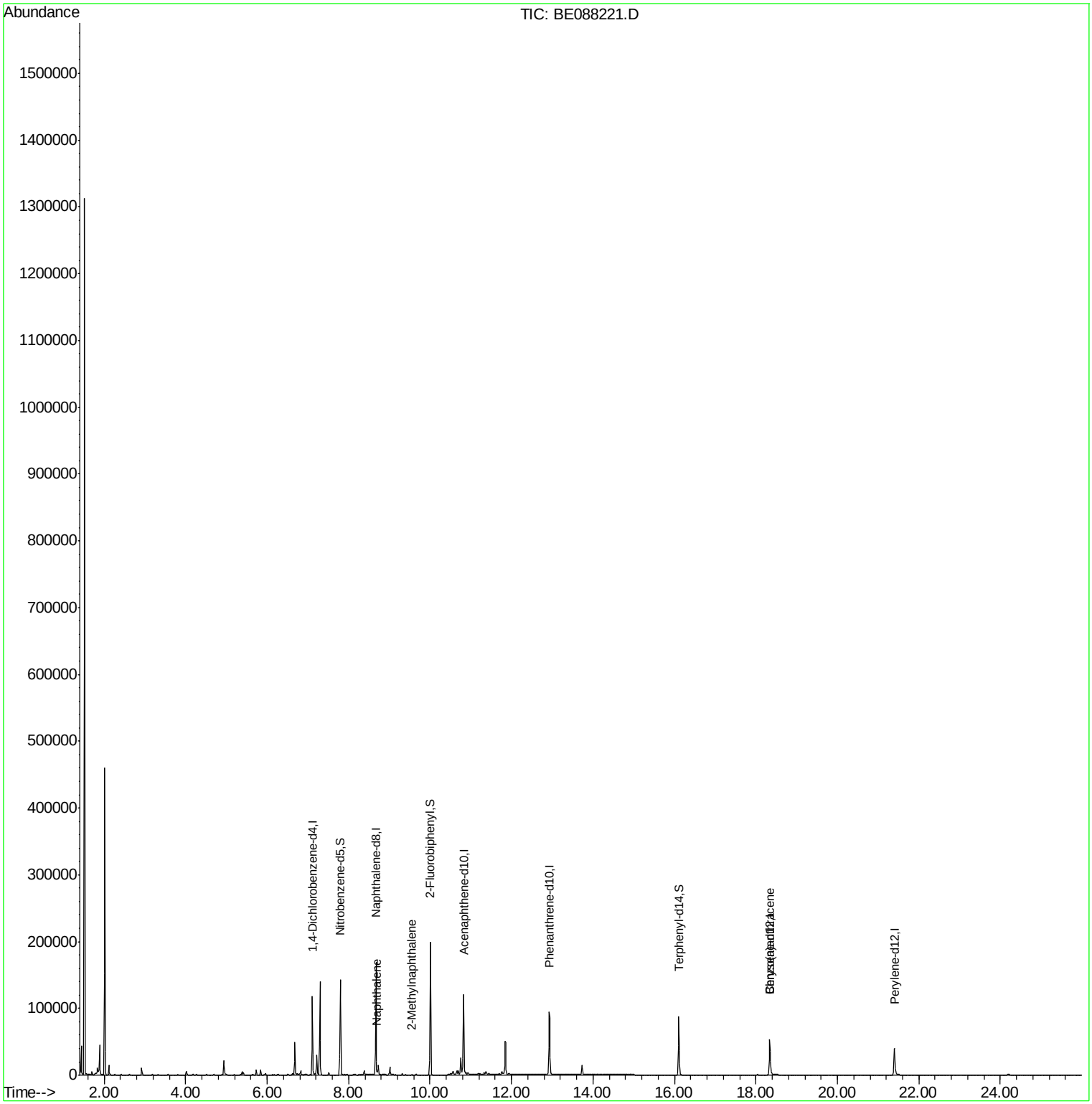
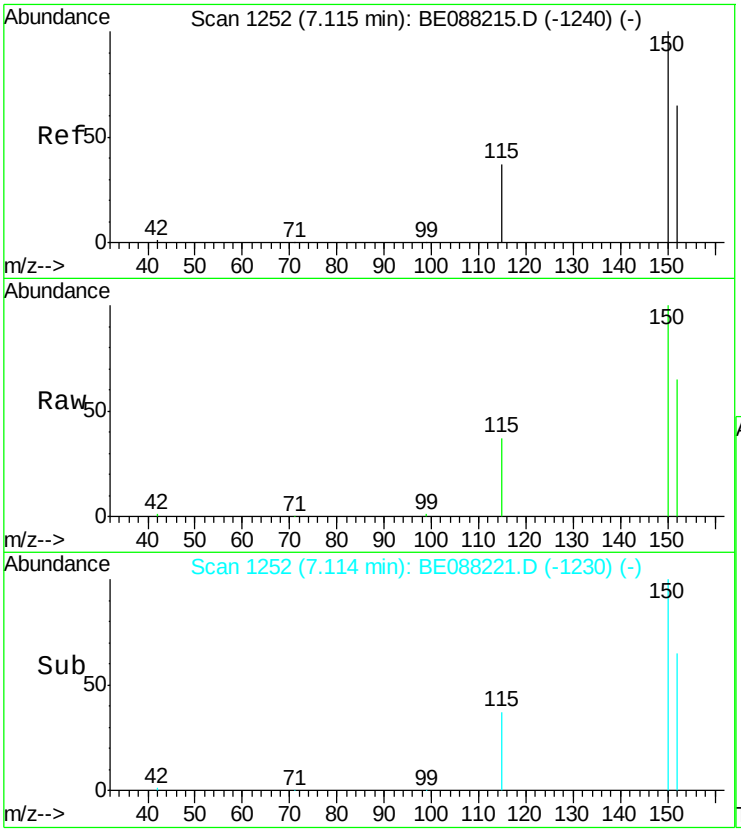


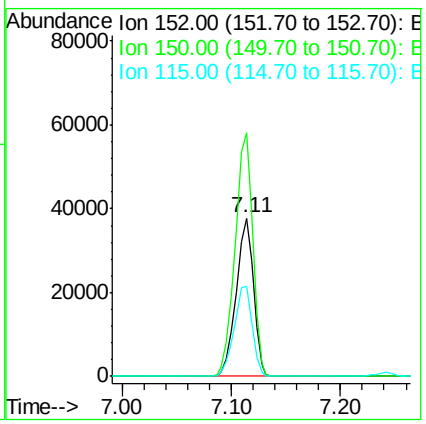


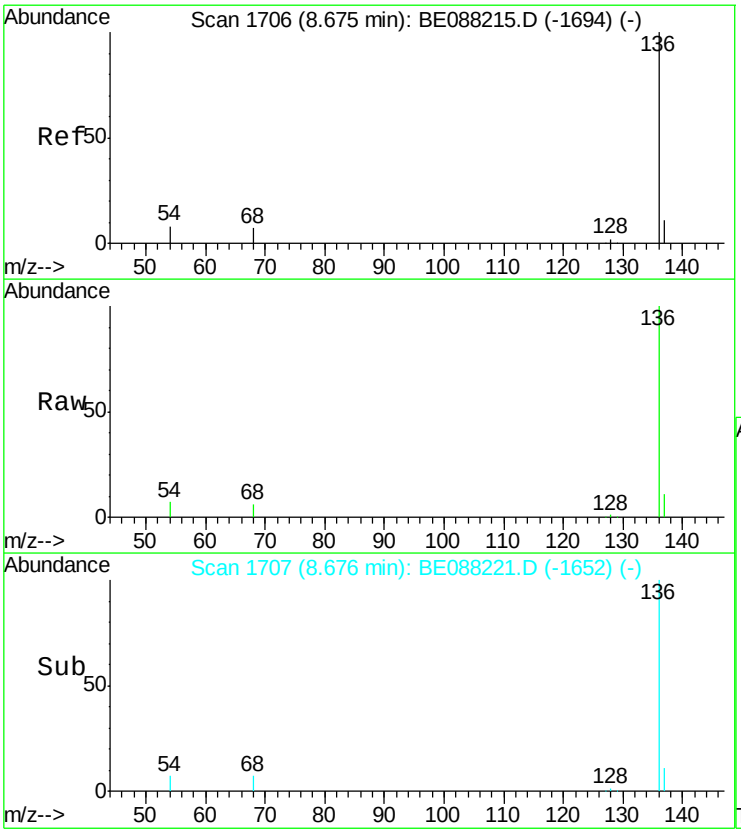
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.11 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Instrument :
BNA_E
ClientSampleId :
YS19-EB02-101714-SO

Tgt Ion:152 Resp: 40613

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.2	184.8
115	56.9	45.3	67.9

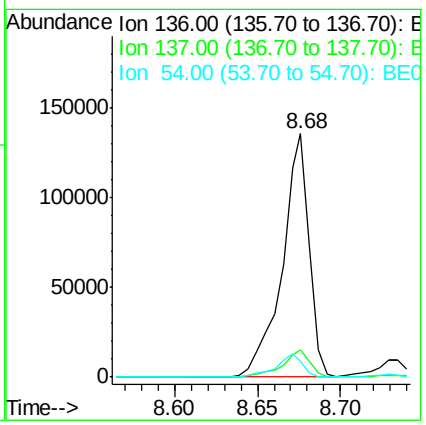


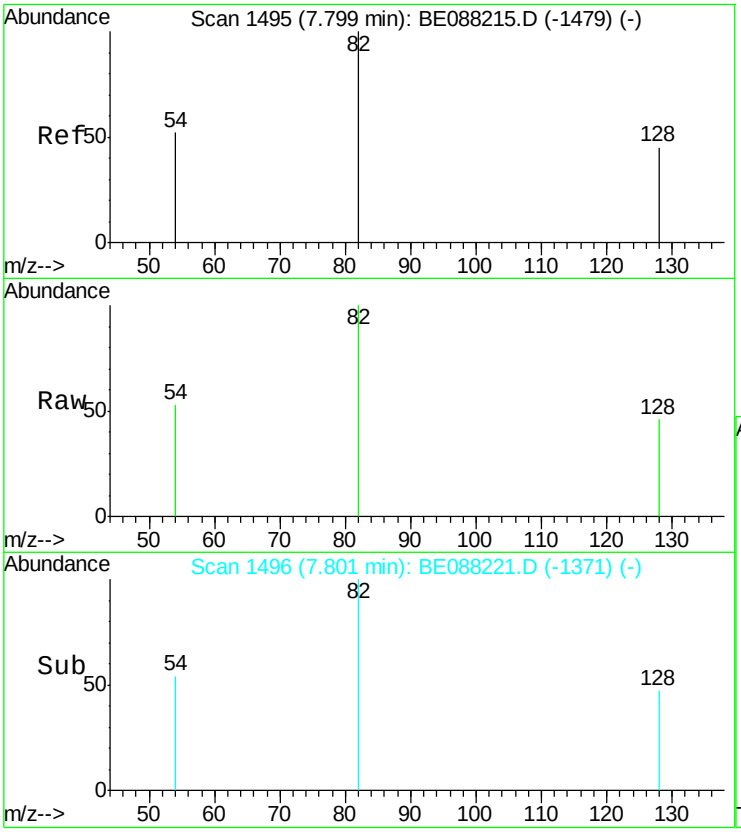


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.68 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Tgt Ion:136 Resp: 154028

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	6.1	9.1



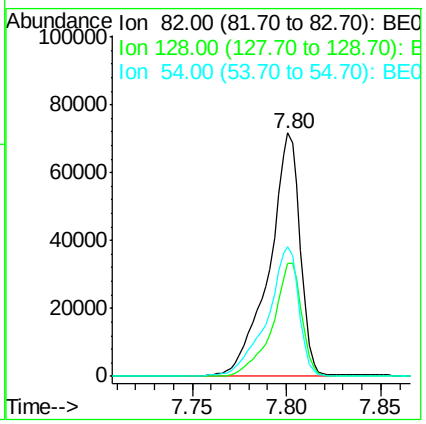


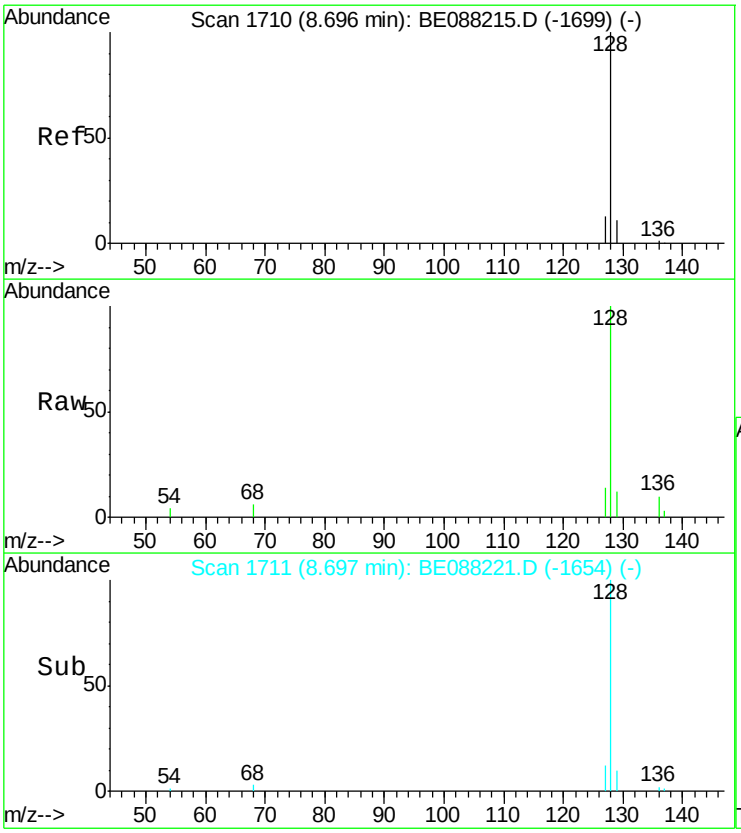
#4
Nitrobenzene-d5
Concen: 7.10 ng
RT: 7.80 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Instrument :
BNA_E
ClientSampleId :
YS19-EB02-101714-SO

Tgt Ion: 82 Resp: 81386

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.2	54.2
54	53.3	41.8	62.8

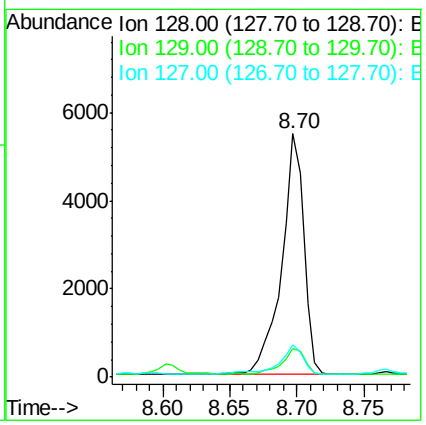


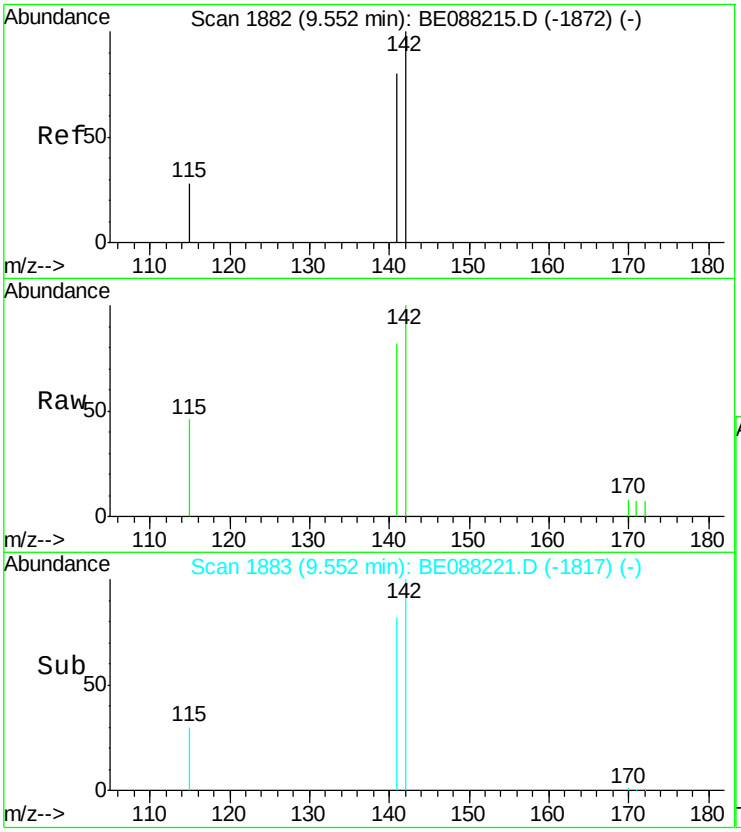


#5
Naphthalene
Concen: 0.20 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Tgt Ion:128 Resp: 6271

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	13.6	10.4	15.6



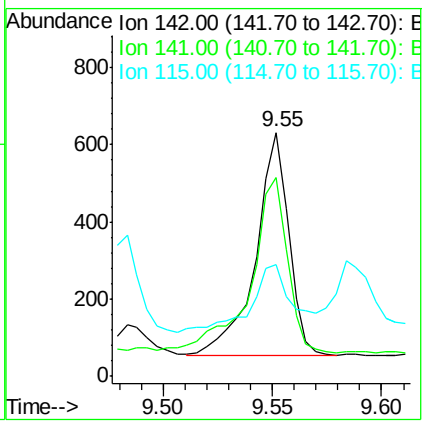


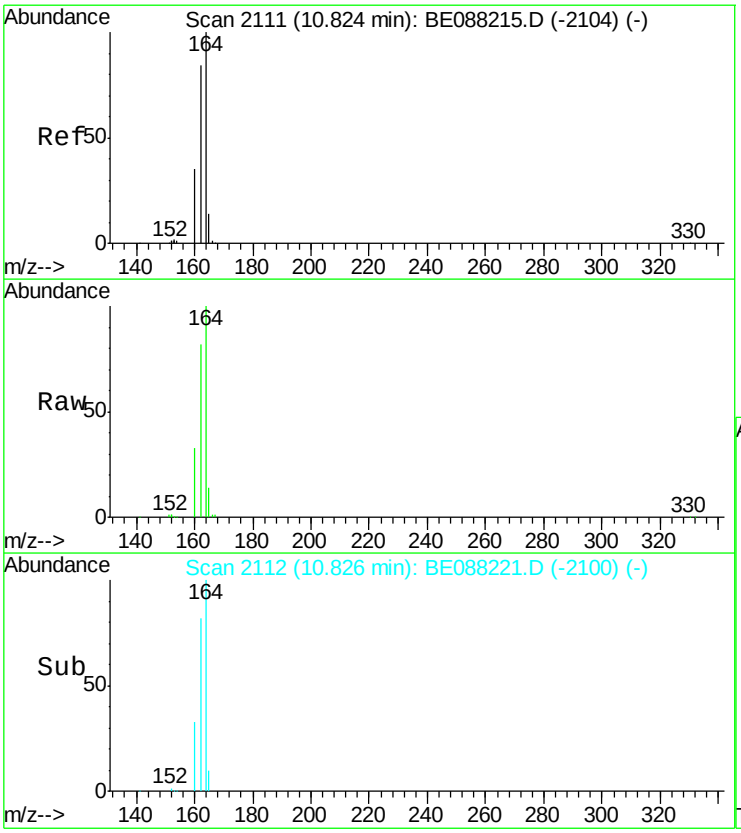
#6
2-Methylnaphthalene
Concen: 0.03 ng
RT: 9.55 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Instrument :
BNA_E
ClientSampleId :
YS19-EB02-101714-SO

Tgt Ion:142 Resp: 606

Ion	Ratio	Lower	Upper
142	100		
141	81.6	63.7	95.5
115	45.8	22.6	34.0#

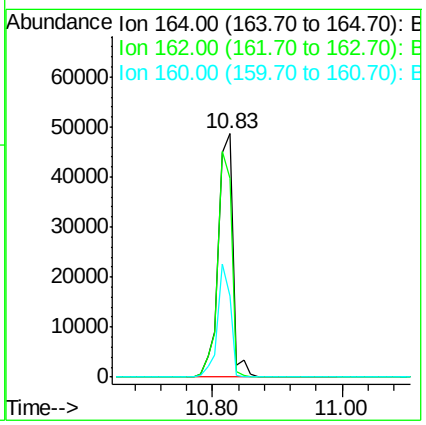


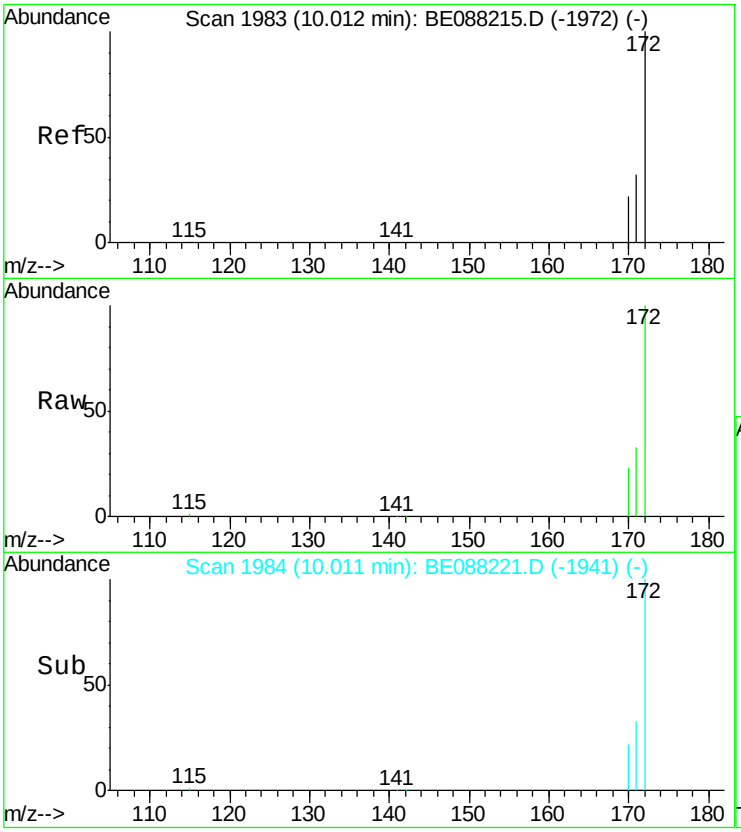


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.83 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Tgt Ion:164 Resp: 74857

Ion	Ratio	Lower	Upper
164	100		
162	81.9	67.4	101.0
160	33.0	27.7	41.5



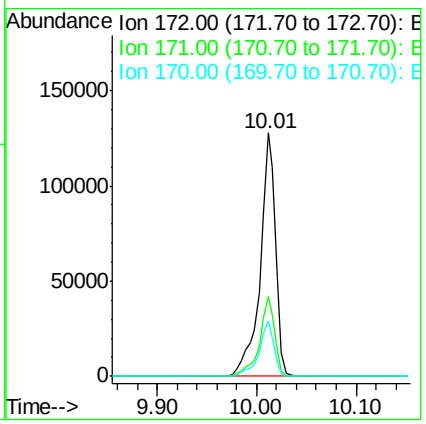


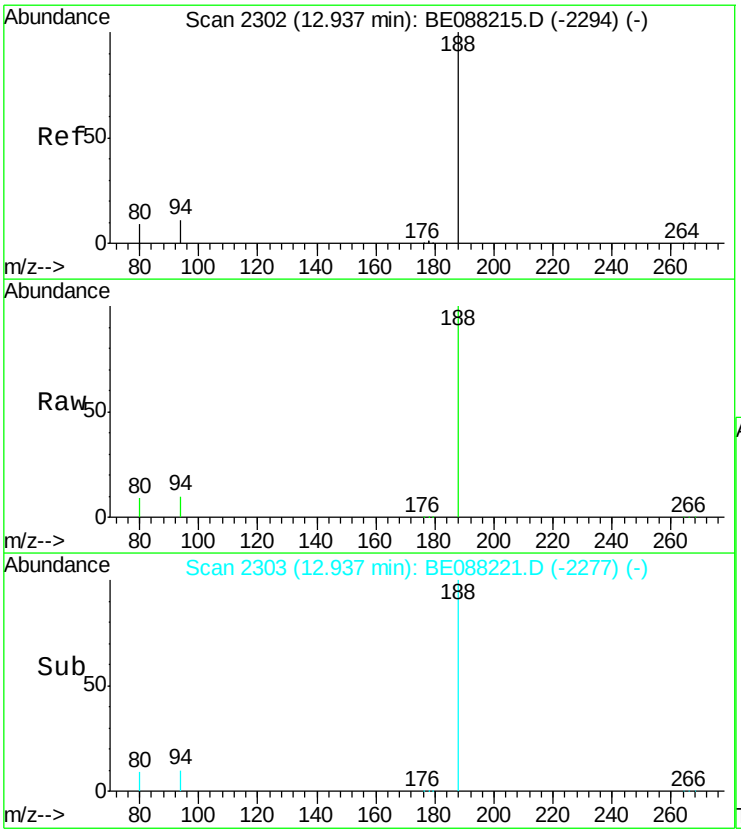
#8
2-Fluorobiphenyl
Concen: 6.57 ng
RT: 10.01 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Instrument :
BNA_E
ClientSampleId :
YS19-EB02-101714-SO

Tgt Ion:172 Resp: 137230

Ion	Ratio	Lower	Upper
172	100		
171	32.8	25.8	38.6
170	22.5	17.4	26.0

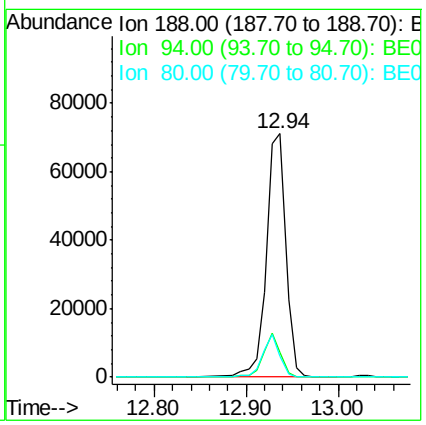


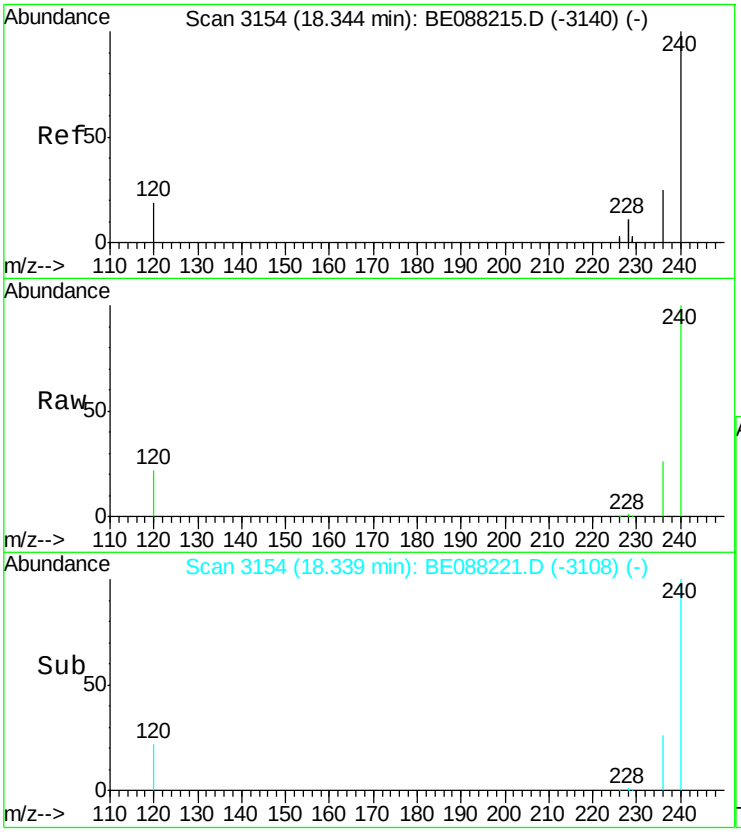


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.94 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Tgt Ion:188 Resp: 129848

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	8.8	7.4	11.0



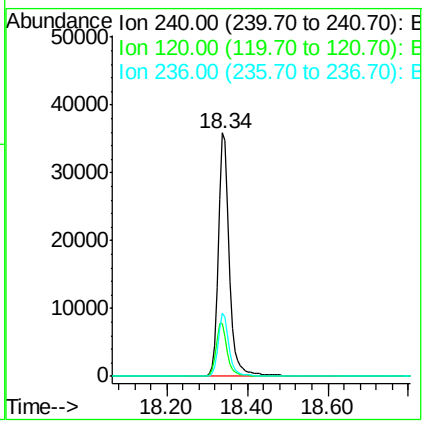


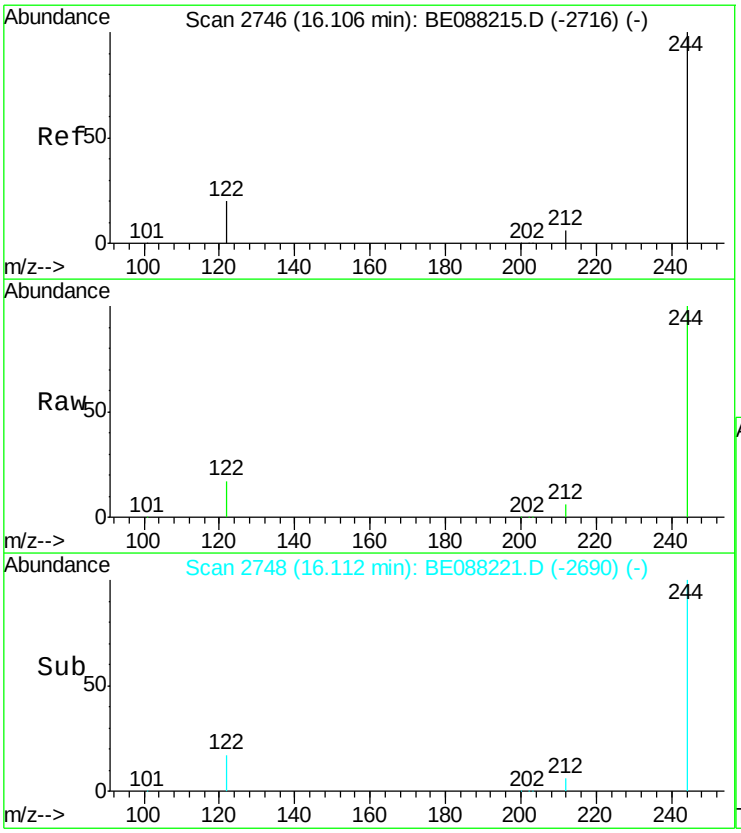
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Instrument :
BNA_E
ClientSampleId :
YS19-EB02-101714-SO

Tgt Ion:240 Resp: 67616

Ion	Ratio	Lower	Upper
240	100		
120	21.9	15.1	22.7
236	25.9	20.1	30.1

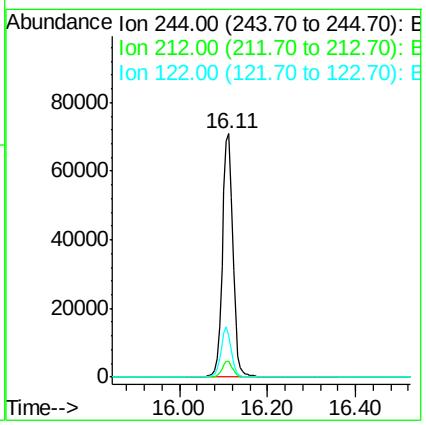


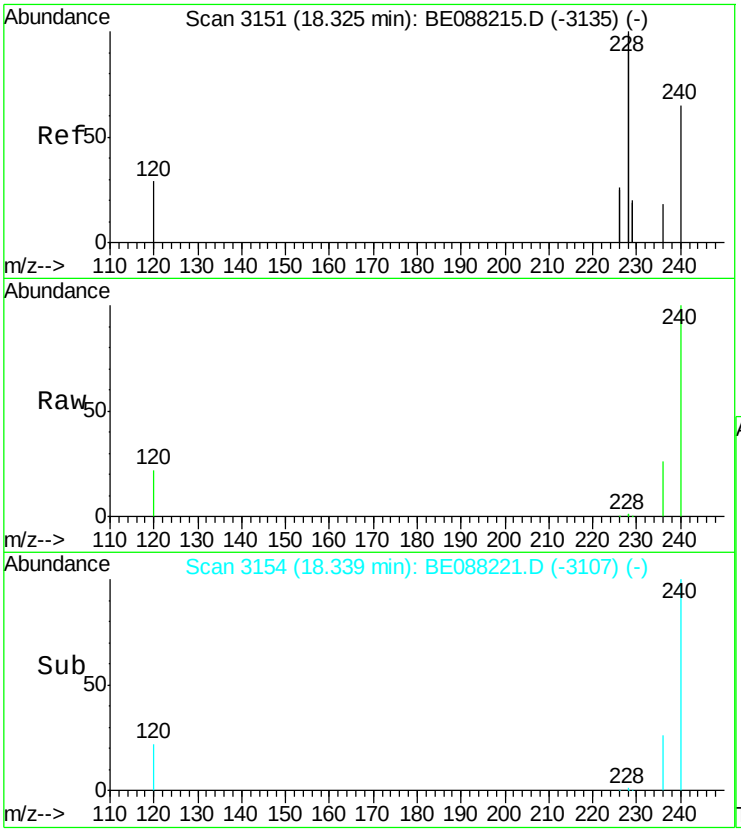


#18
Terphenyl-d14
Concen: 10.42 ng
RT: 16.11 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Tgt Ion:244 Resp: 115415

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	17.0	16.7	25.1



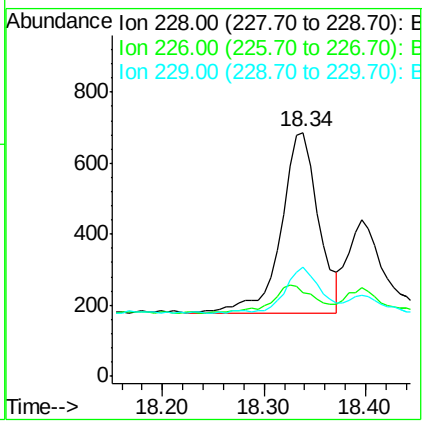


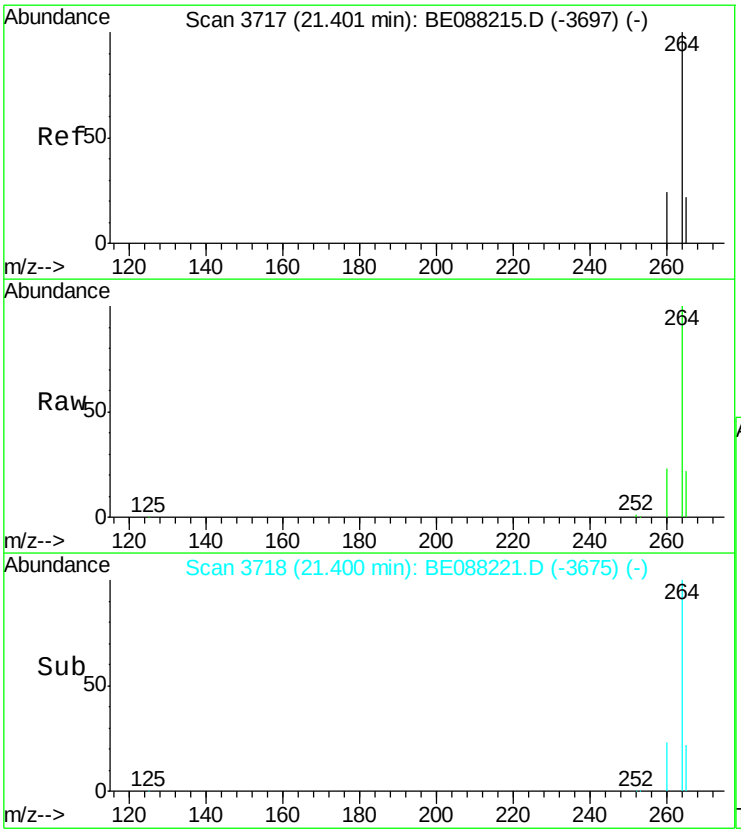
#19
Benzo(a)anthracene
Concen: 0.02 ng
RT: 18.34 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Instrument :
BNA_E
ClientSampleId :
YS19-EB02-101714-SO

Tgt Ion:228 Resp: 1287

Ion	Ratio	Lower	Upper
228	100		
226	34.4	20.5	30.7#
229	44.9	16.1	24.1#





#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BE088221.D
Acq: 24 Oct 2014 20:03

Tgt Ion:264 Resp: 58306

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.7	17.4	26.2