Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088229.D
Acq On : 25 Oct 2014 3:21
Operator : TP/JJ
Sample : PB79839BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB79839BL

Quant Time: Oct 27 14:02:37 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	23728	5.00	ng	0.00
3) Naphthalene-d8	8.68	136	93096	5.00	ng	0.00
7) Acenaphthene-d10	10.83	164	51441	5.00	ng	0.00
12) Phenanthrene-d10	12.93	188	113896	5.00	ng	0.00
16) Chrysene-d12	18.34	240	60426	5.00	ng	0.00
22) Perylene-d12	21.40	264	45159	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.80	82	47504	6.86	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	92617	6.46	ng	0.00
18) Terphenyl-d14	16.11	244	88726	8.97	ng	0.00
Target Compounds						Qvalue

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

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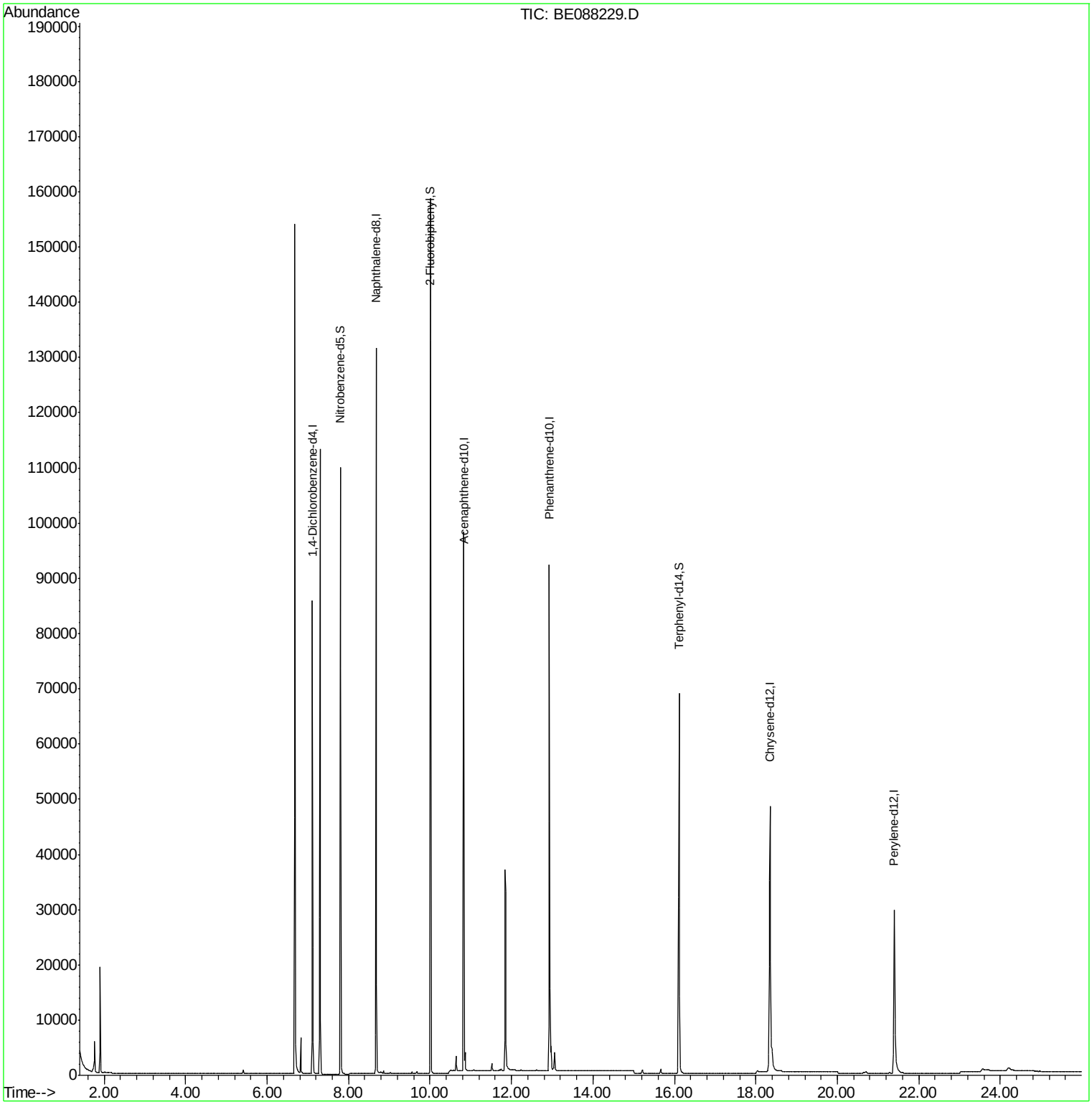
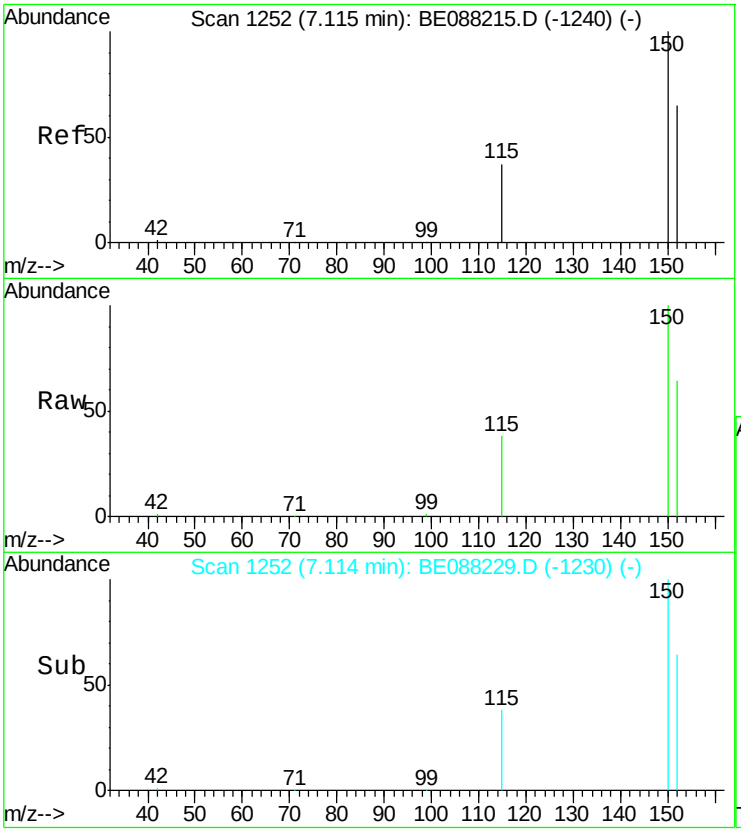


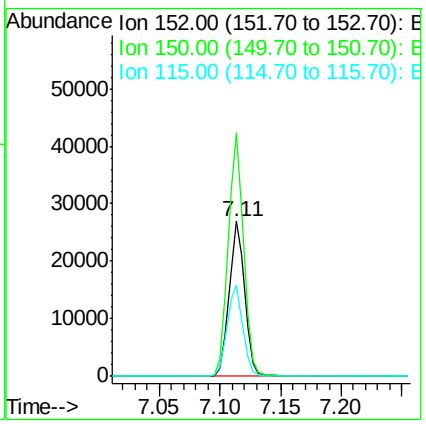


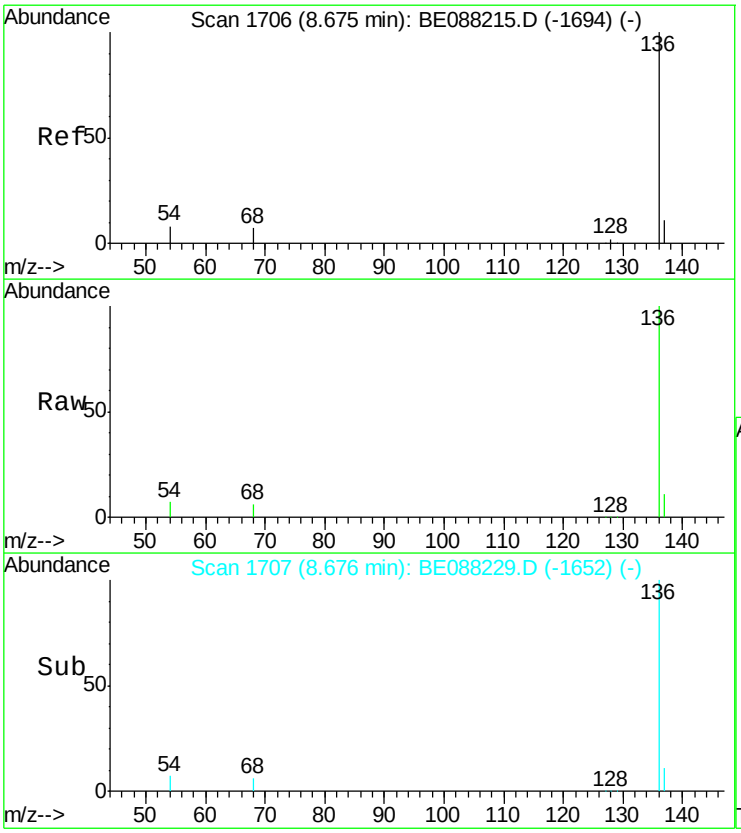
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.11 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Instrument :
BNA_E
ClientSampleId :
PB79839BL

Tgt Ion:152 Resp: 23728

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.2	184.8
115	59.3	45.3	67.9

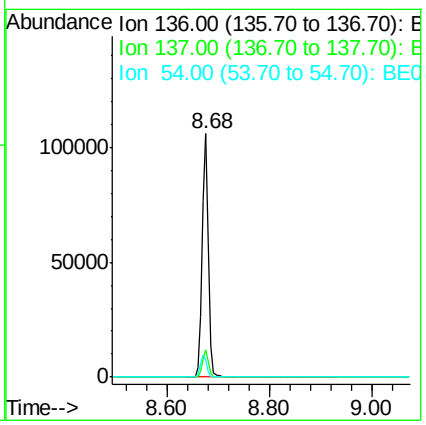


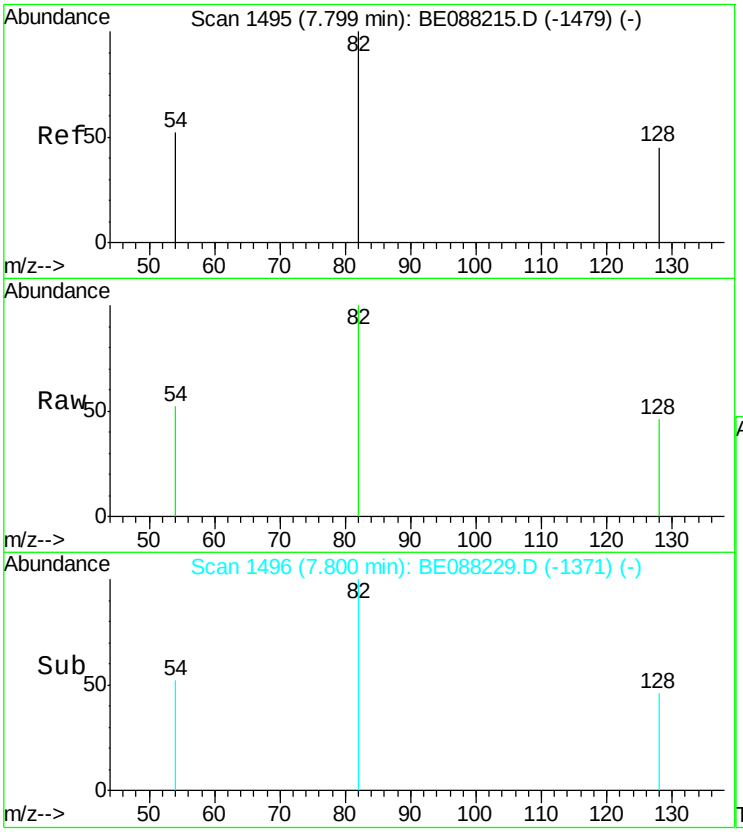


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.68 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Tgt Ion:136 Resp: 93096

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	6.1	9.1



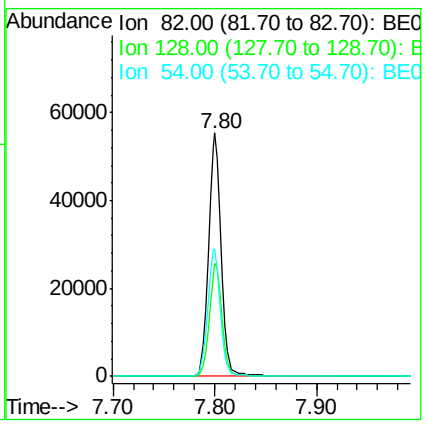


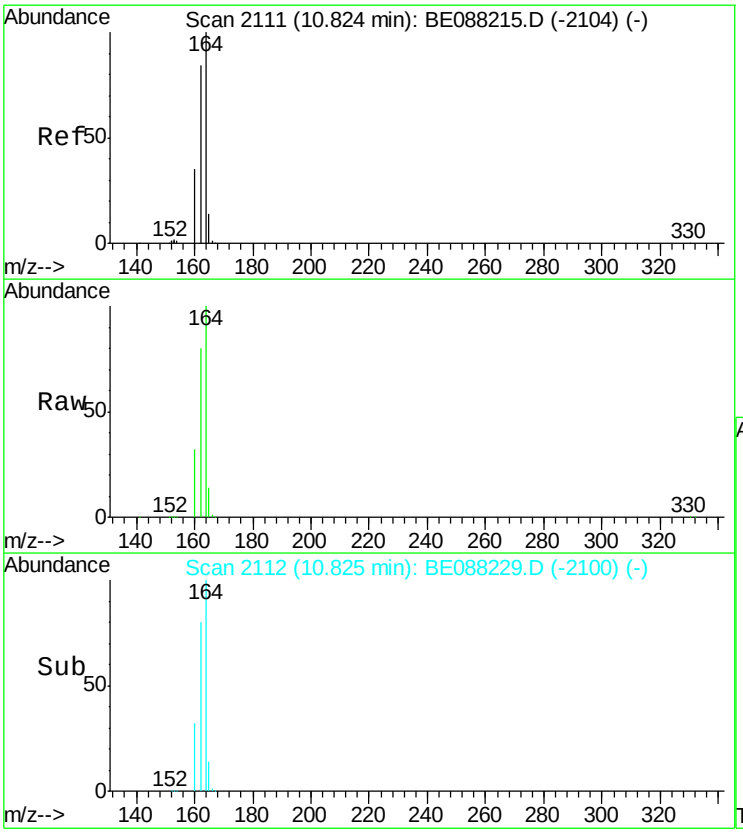
#4
Nitrobenzene-d5
Concen: 6.86 ng
RT: 7.80 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Instrument :
BNA_E
ClientSampleId :
PB79839BL

Tgt Ion: 82 Resp: 47504

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.2	54.2
54	52.4	41.8	62.8

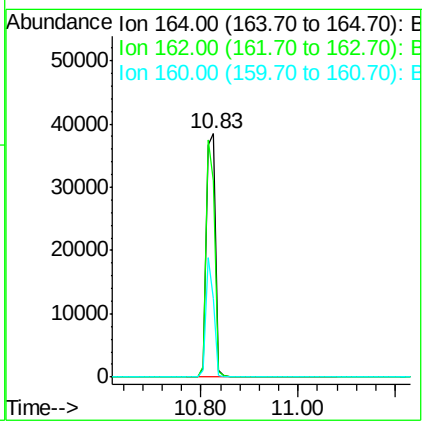


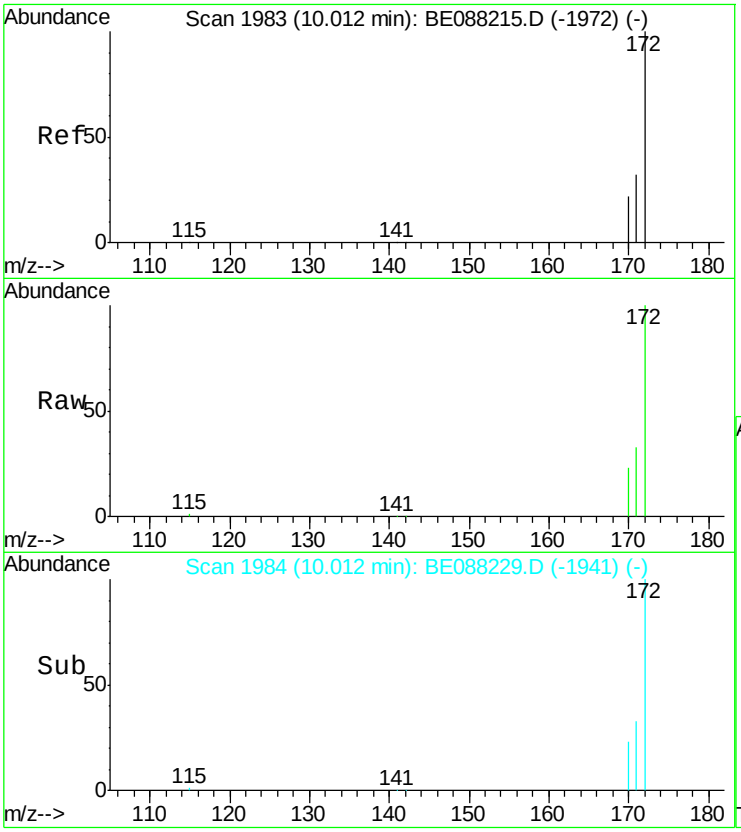


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.83 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Tgt Ion:164 Resp: 51441

Ion	Ratio	Lower	Upper
164	100		
162	80.5	67.4	101.0
160	32.2	27.7	41.5



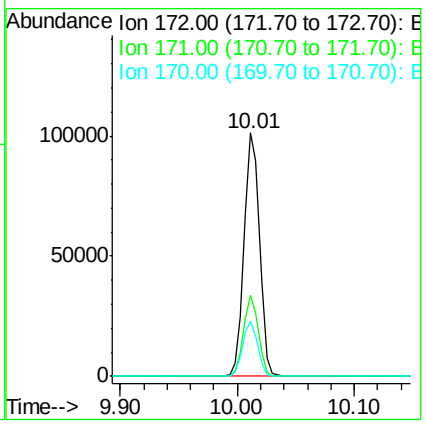


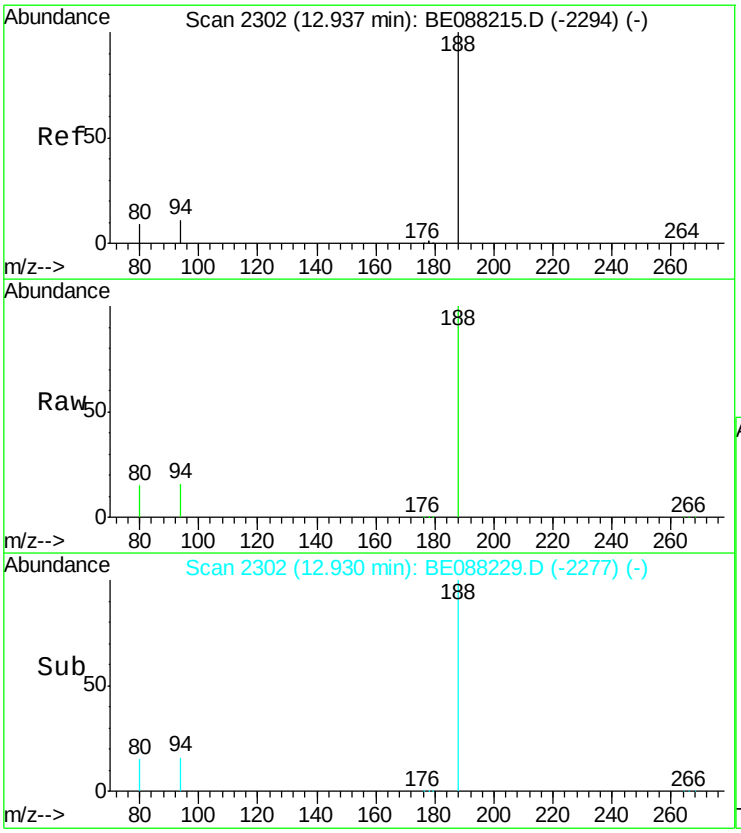
#8
2-Fluorobiphenyl
Concen: 6.46 ng
RT: 10.01 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Instrument :
BNA_E
ClientSampleId :
PB79839BL

Tgt Ion:172 Resp: 92617

Ion	Ratio	Lower	Upper
172	100		
171	33.1	25.8	38.6
170	23.0	17.4	26.0

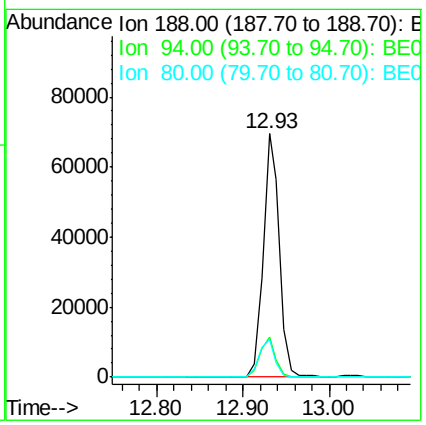


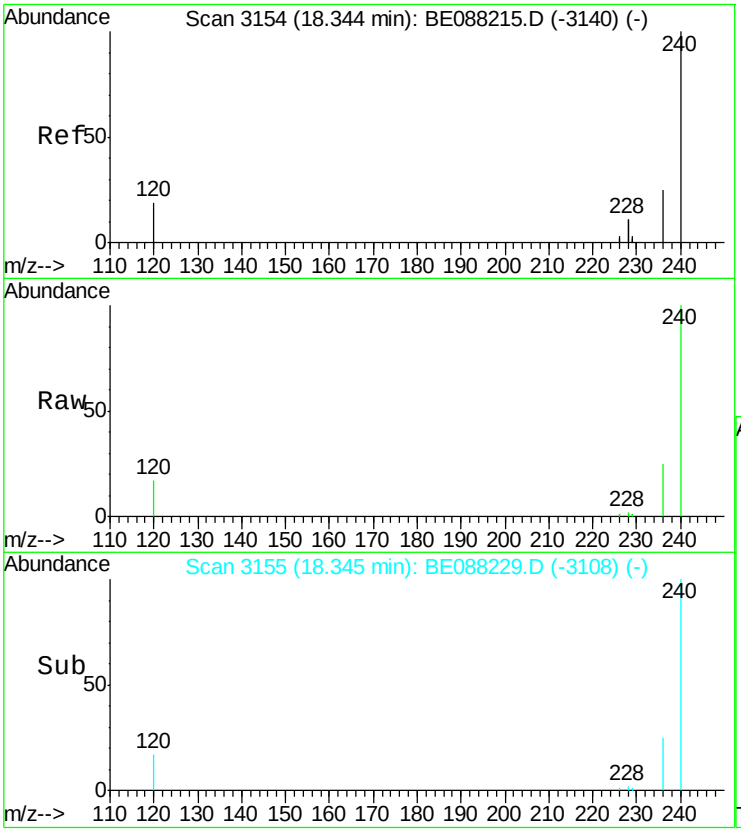


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.93 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Tgt Ion:188 Resp: 113896

Ion	Ratio	Lower	Upper
188	100		
94	16.4	8.5	12.7#
80	15.3	7.4	11.0#



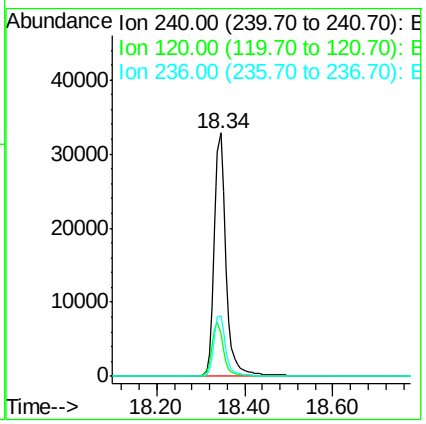


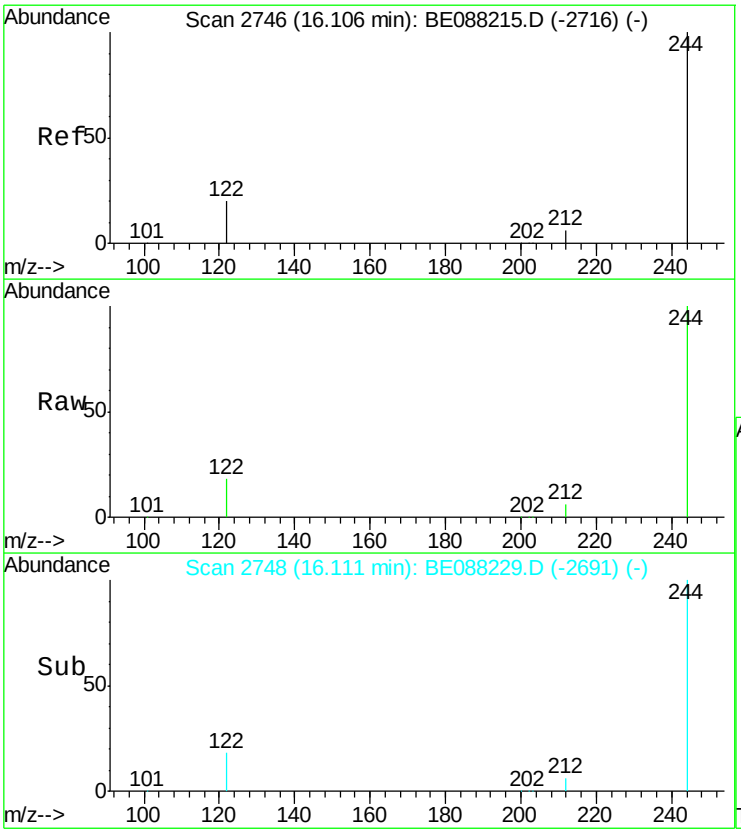
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Instrument :
BNA_E
ClientSampleId :
PB79839BL

Tgt Ion:240 Resp: 60426

Ion	Ratio	Lower	Upper
240	100		
120	17.5	15.1	22.7
236	25.1	20.1	30.1

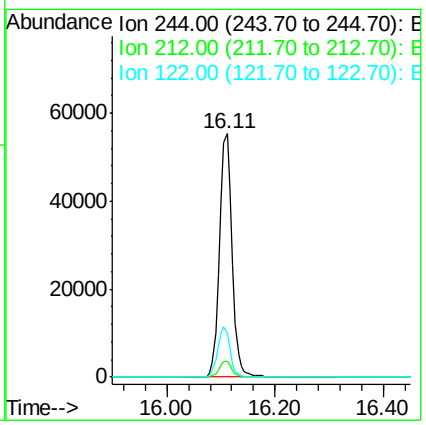


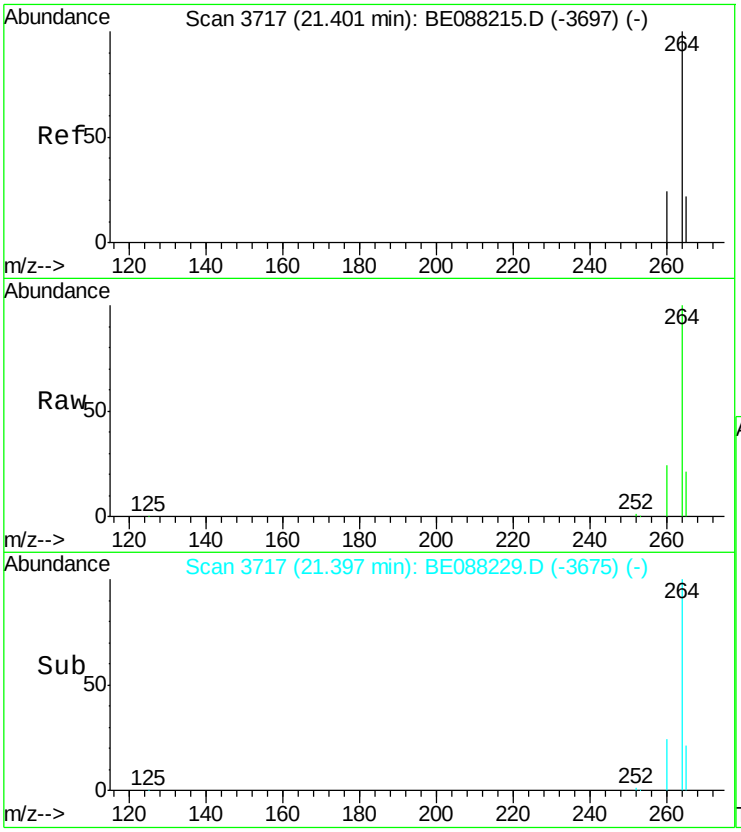


#18
Terphenyl-d14
Concen: 8.97 ng
RT: 16.11 min Scan# 2748
Delta R.T. 0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Tgt Ion:244 Resp: 88726

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	17.8	16.7	25.1





#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BE088229.D
Acq: 25 Oct 2014 3:21

Instrument :
BNA_E
ClientSampleId :
PB79839BL

Tgt Ion:264 Resp: 45159

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.5	17.4	26.2