Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088431.D
Acq On : 31 Oct 2014 19:48
Operator : TP/JJ
Sample : F4275-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : IDW-101314

Quant Time: Nov 02 03:07:07 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE103114.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 01 00:42:07 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	63297	5.00	ng	0.00
3) Naphthalene-d8	8.65	136	244569	5.00	ng	0.00
7) Acenaphthene-d10	10.79	164	111562	5.00	ng	0.00
12) Phenanthrene-d10	12.90	188	205131	5.00	ng	0.00
16) Chrysene-d12	18.31	240	104070	5.00	ng	0.00
22) Perylene-d12	21.37	264	92330	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.77	82	127345	7.10	ng	0.00
8) 2-Fluorobiphenyl	9.98	172	205621	6.54	ng	0.00
18) Terphenyl-d14	16.08	244	127802	6.68	ng	0.00
Target Compounds						Qvalue
6) 2-Methylnaphthalene	9.52	142	773	0.02	ng	# 96

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

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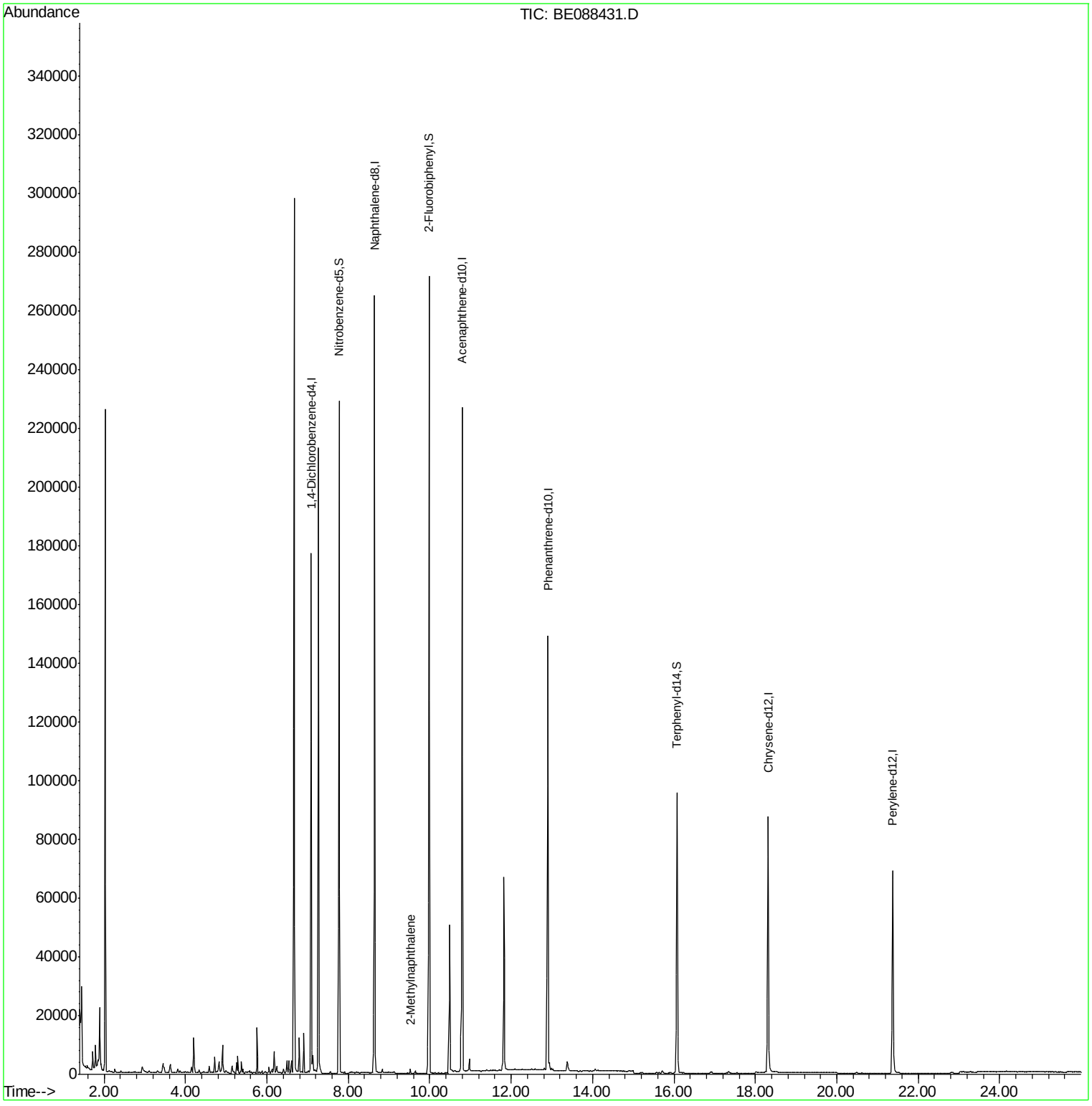
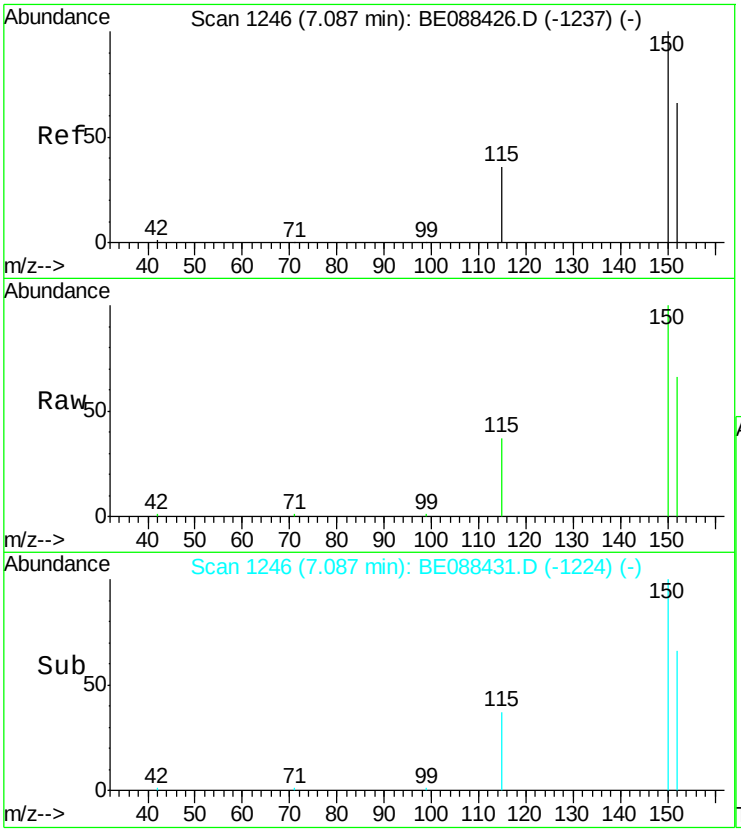


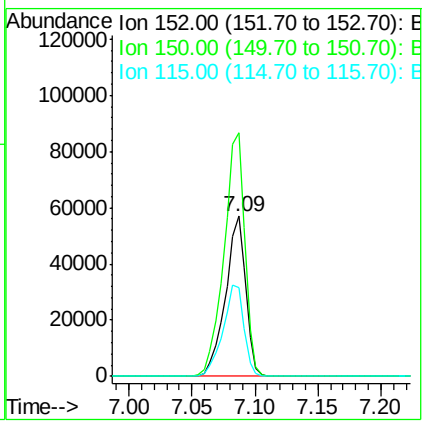


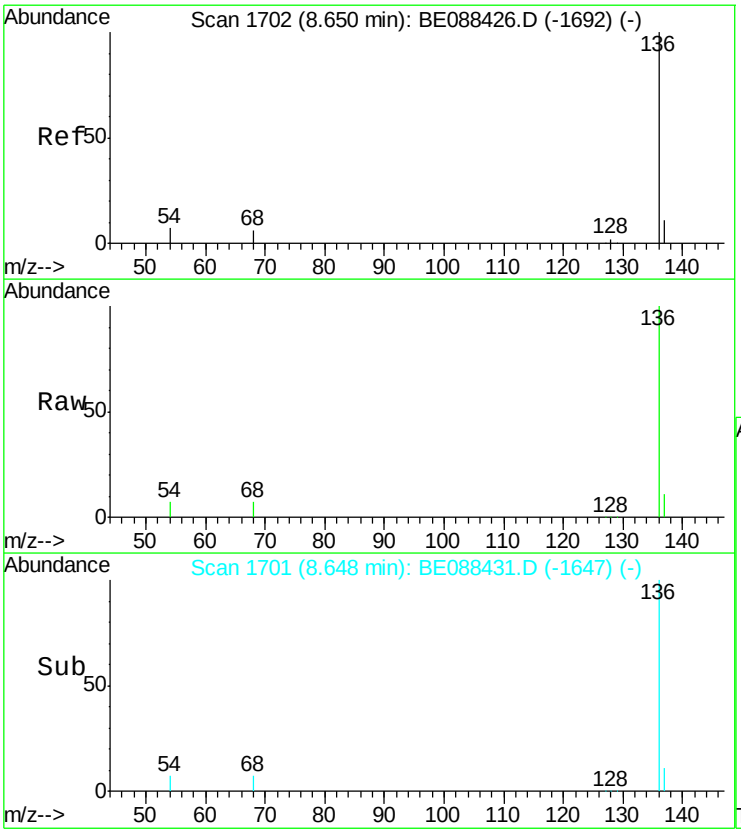
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.09 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Instrument :
BNA_E
ClientSampleId :
IDW-101314

Tgt Ion:152 Resp: 63297

Ion	Ratio	Lower	Upper
152	100		
150	152.0	121.8	182.8
115	55.8	43.9	65.9

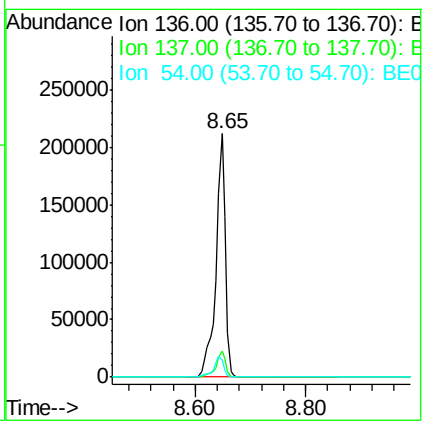


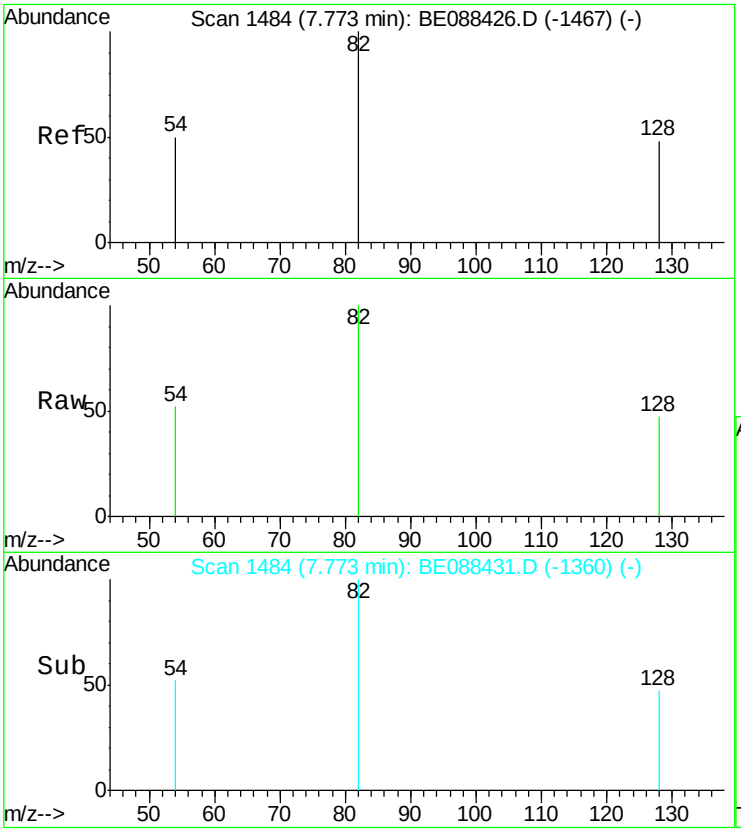


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.65 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Tgt Ion:136 Resp: 244569

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	5.3	7.9



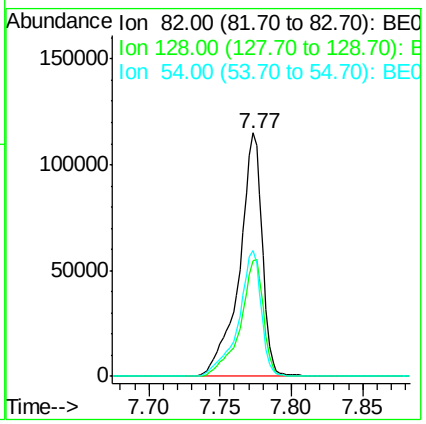


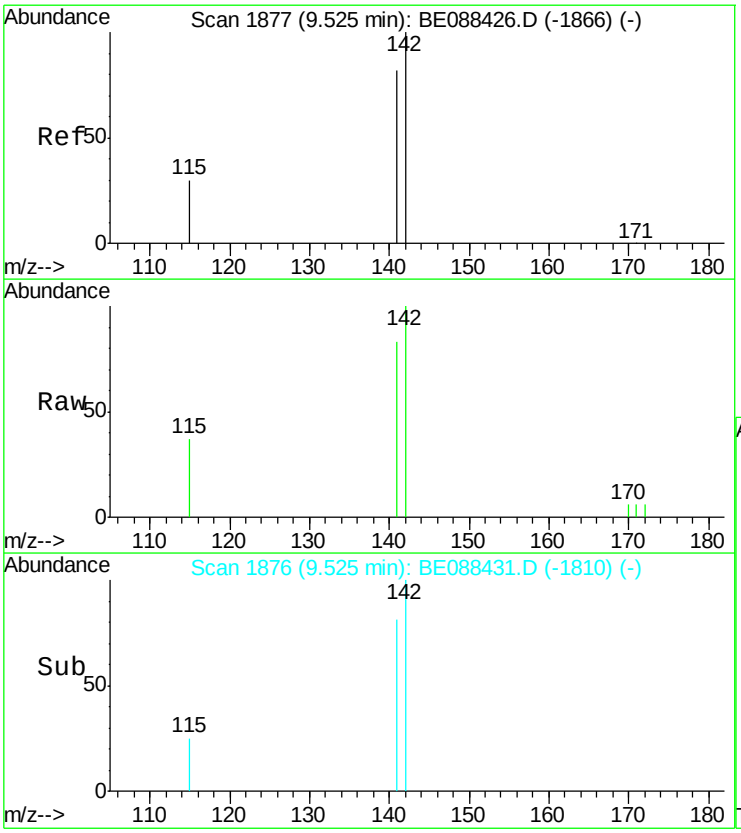
#4
Nitrobenzene-d5
Concen: 7.10 ng
RT: 7.77 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Instrument :
BNA_E
ClientSampleId :
IDW-101314

Tgt Ion: 82 Resp: 127345

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.4	57.6
54	51.9	40.2	60.2

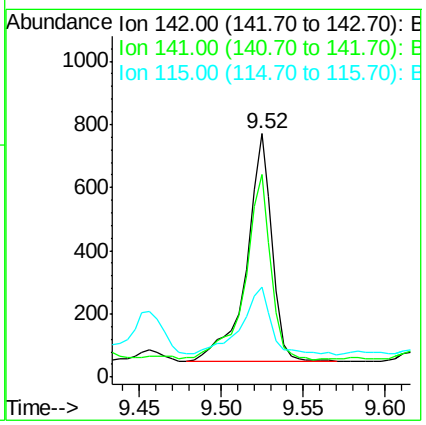


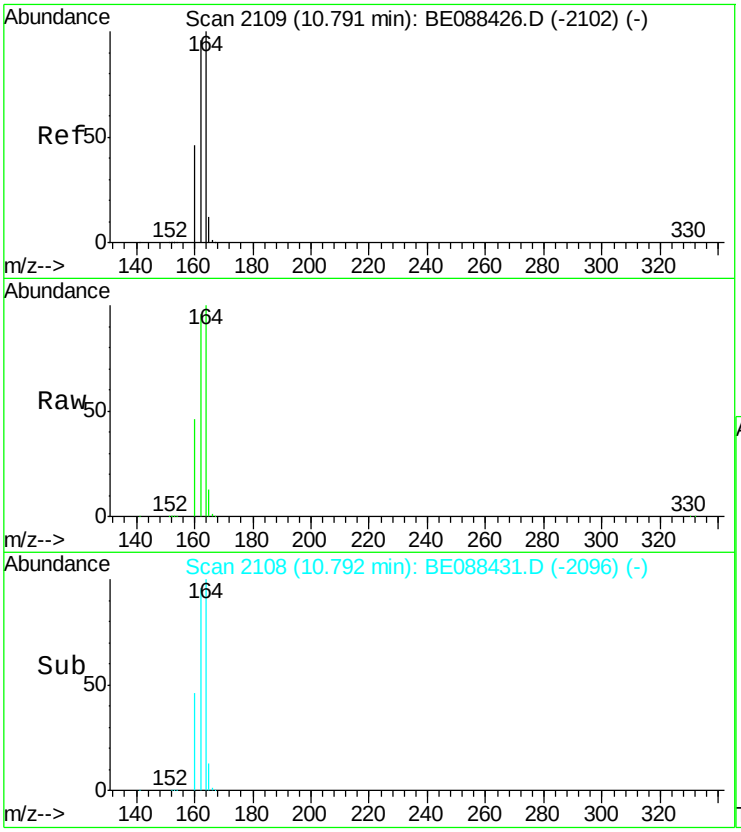


#6
2-Methylnaphthalene
Concen: 0.02 ng
RT: 9.52 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Tgt Ion:142 Resp: 773

Ion	Ratio	Lower	Upper
142	100		
141	83.1	65.8	98.8
115	37.1	24.2	36.4#



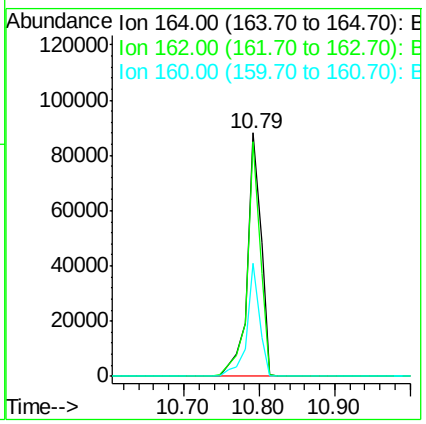


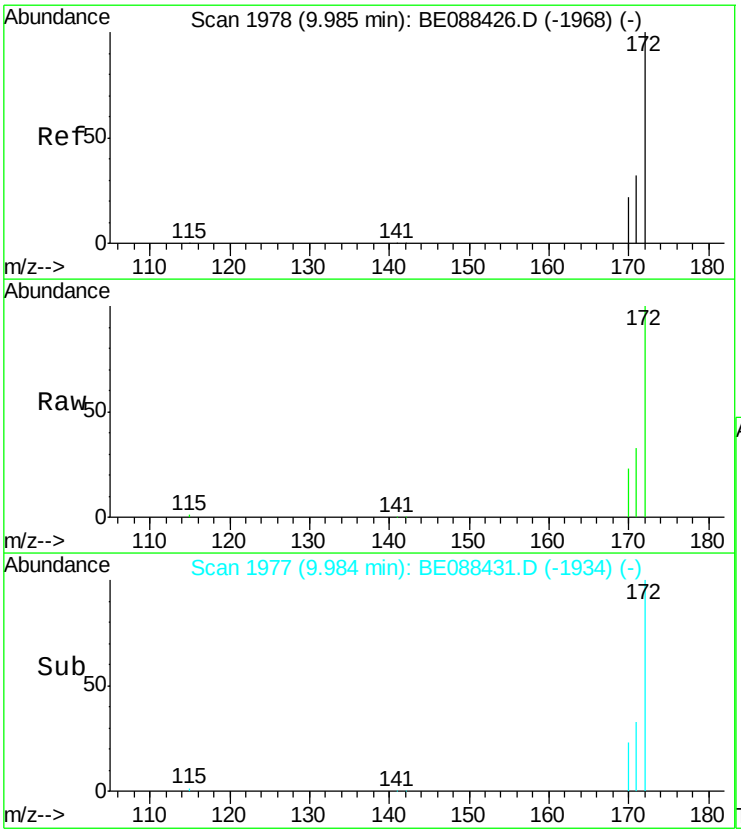
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.79 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Instrument :
BNA_E
ClientSampleId :
IDW-101314

Tgt Ion:164 Resp: 111562

Ion	Ratio	Lower	Upper
164	100		
162	96.1	77.0	115.4
160	46.2	36.8	55.2

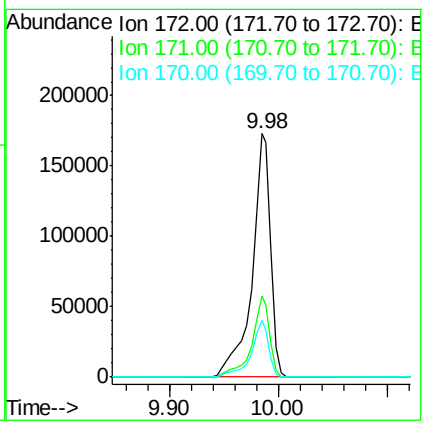


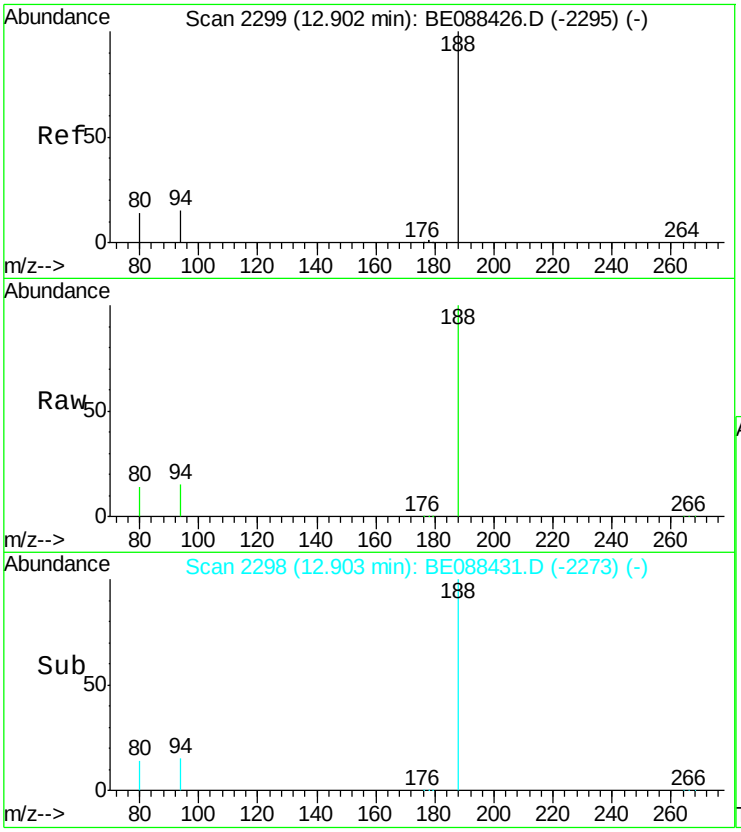


#8
2-Fluorobiphenyl
Concen: 6.54 ng
RT: 9.98 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Tgt Ion:172 Resp: 205621

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.0	39.0
170	23.2	17.6	26.4



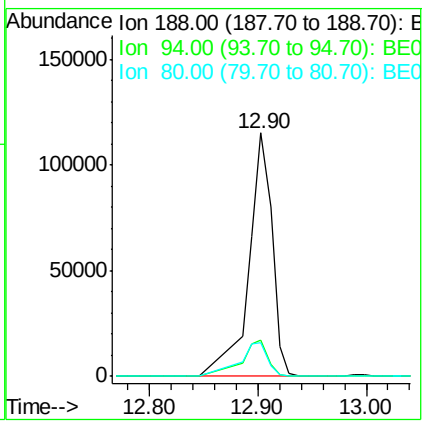


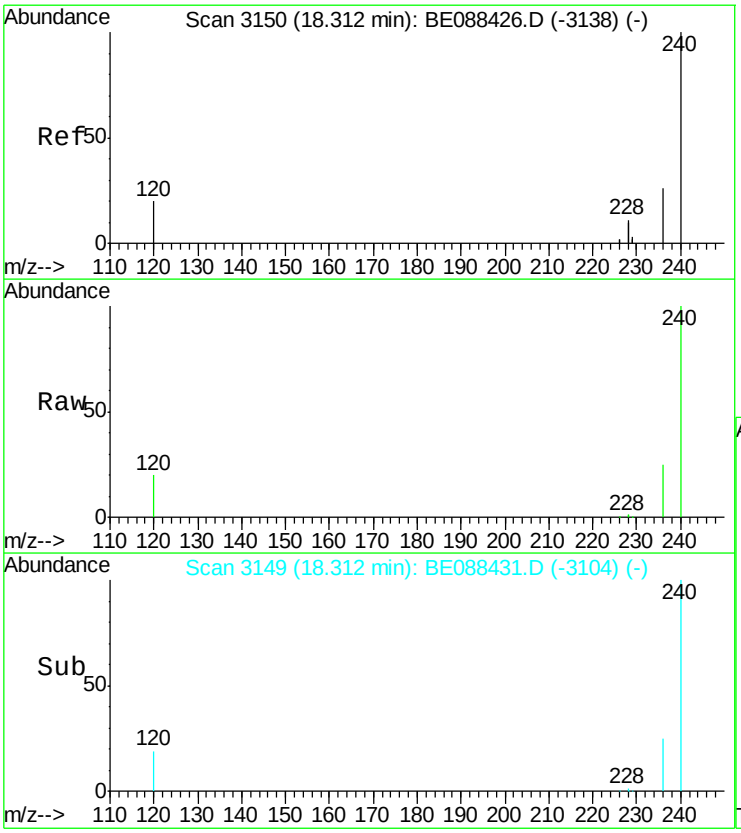
#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.90 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Instrument :
BNA_E
ClientSampleId :
IDW-101314

Tgt Ion:188 Resp: 205131

Ion	Ratio	Lower	Upper
188	100		
94	14.8	11.8	17.8
80	13.7	10.9	16.3

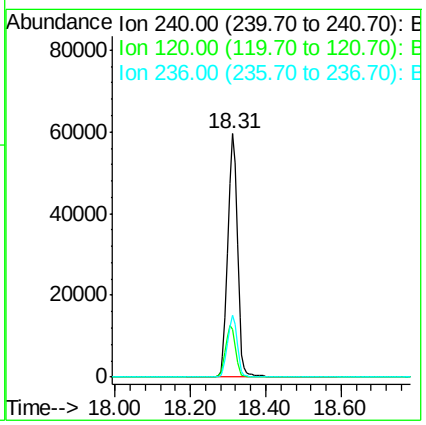


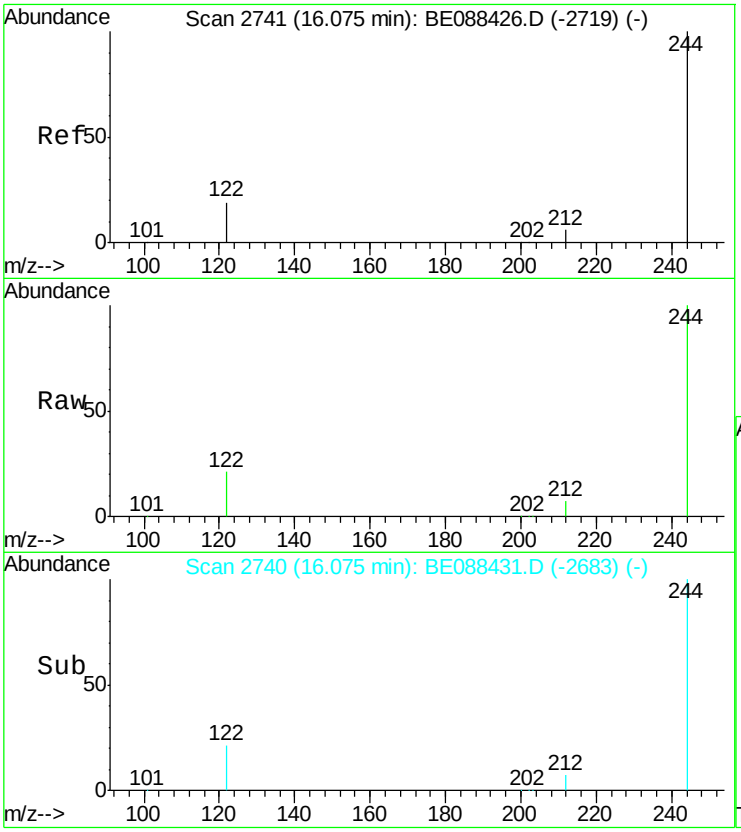


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.31 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Tgt Ion:240 Resp: 104070

Ion	Ratio	Lower	Upper
240	100		
120	19.6	16.4	24.6
236	25.5	20.5	30.7



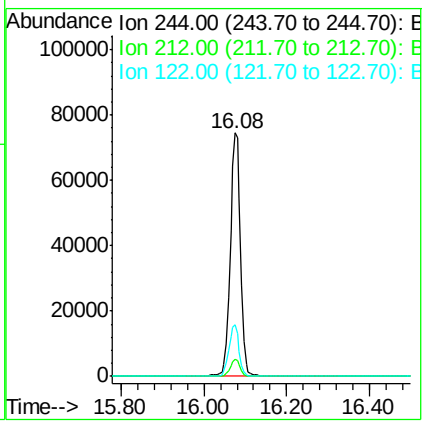


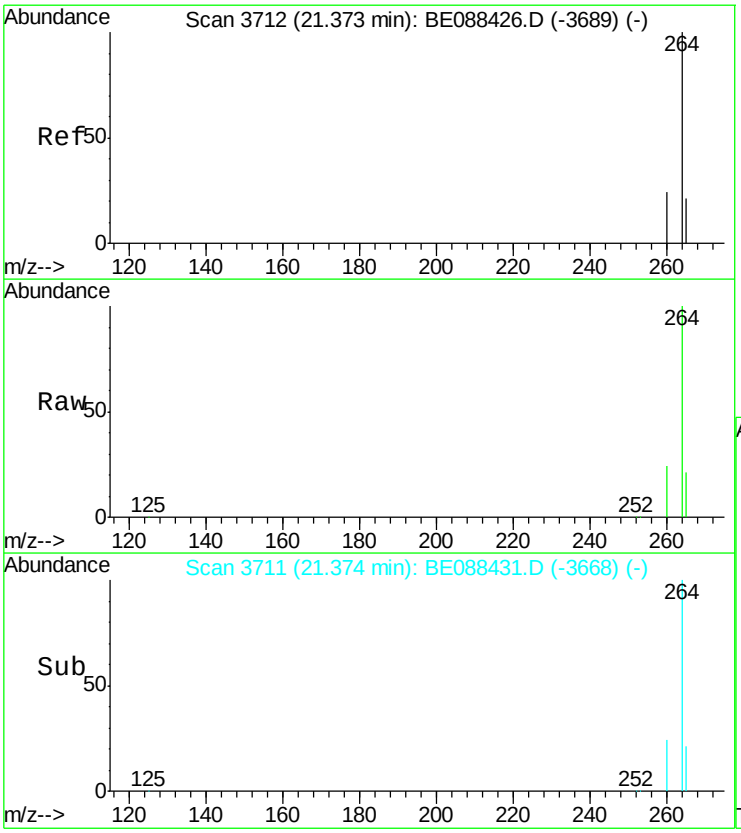
#18
Terphenyl-d14
Concen: 6.68 ng
RT: 16.08 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Instrument :
BNA_E
ClientSampleId :
IDW-101314

Tgt Ion:244 Resp: 127802

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	21.0	15.6	23.4





#22
Perylene-d12
Concen: 5.00 ng
RT: 21.37 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BE088431.D
Acq: 31 Oct 2014 19:48

Tgt Ion:264 Resp: 92330

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.5	17.2	25.8