Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
Data File : BE089697.D
Acq On : 26 Feb 2015 18:51
Operator : TP/JJ
Sample : G1353-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FB

Quant Time: Feb 27 02:37:40 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 14:06:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	60503	5.00	ng	0.00
4) Naphthalene-d8	12.24	136	260985	5.00	ng	0.00
8) Acenaphthene-d10	16.41	164	121958	5.00	ng	0.00
13) Phenanthrene-d10	19.76	188	215881	5.00	ng	0.00
19) Chrysene-d12	23.65	240	161610	5.00	ng	0.00
25) Perylene-d12	25.34	264	129327	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.60	82	121920	7.89	ng	0.00
9) 2-Fluorobiphenyl	14.87	172	229510	8.46	ng	0.00
21) Terphenyl-d14	22.30	244	220282	11.62	ng	0.00
Target Compounds						Qvalue
22) Benzo(a)anthracene	23.65	228	2281	0.02	ng	# 79

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

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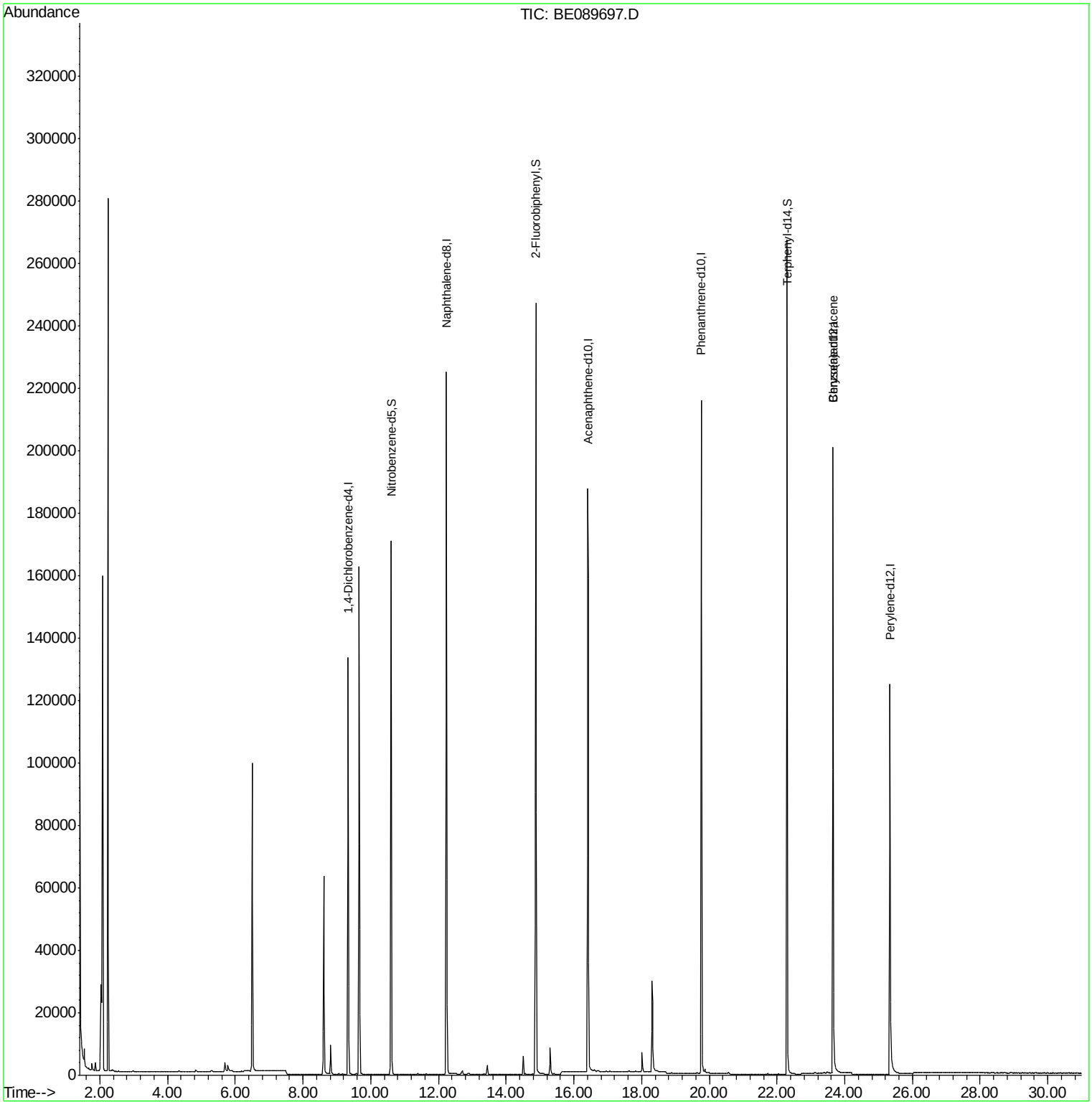
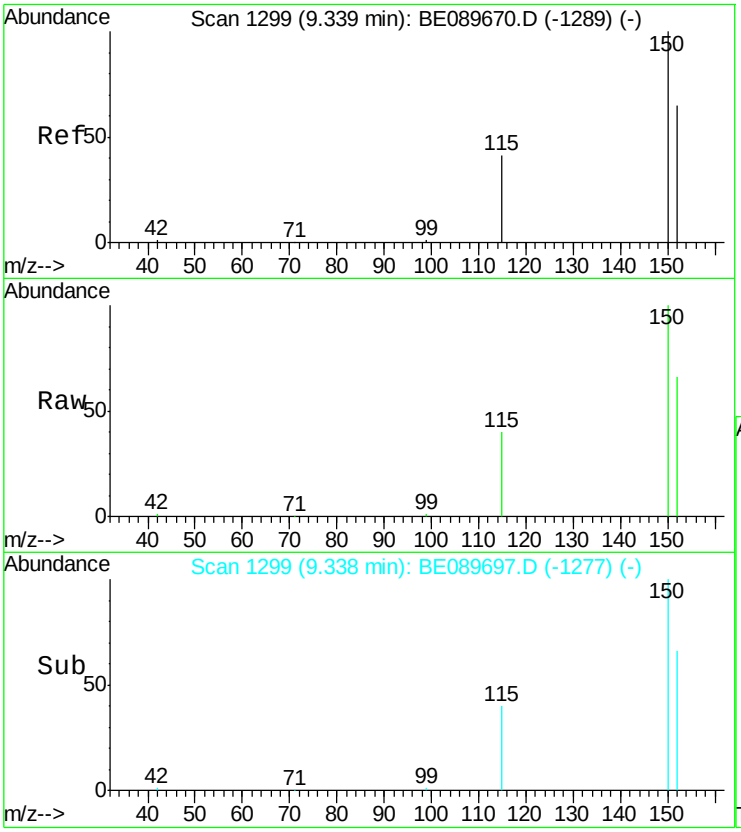


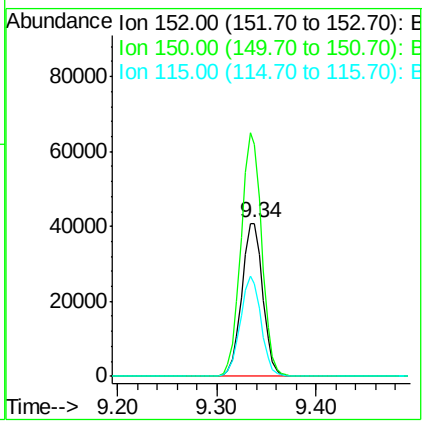


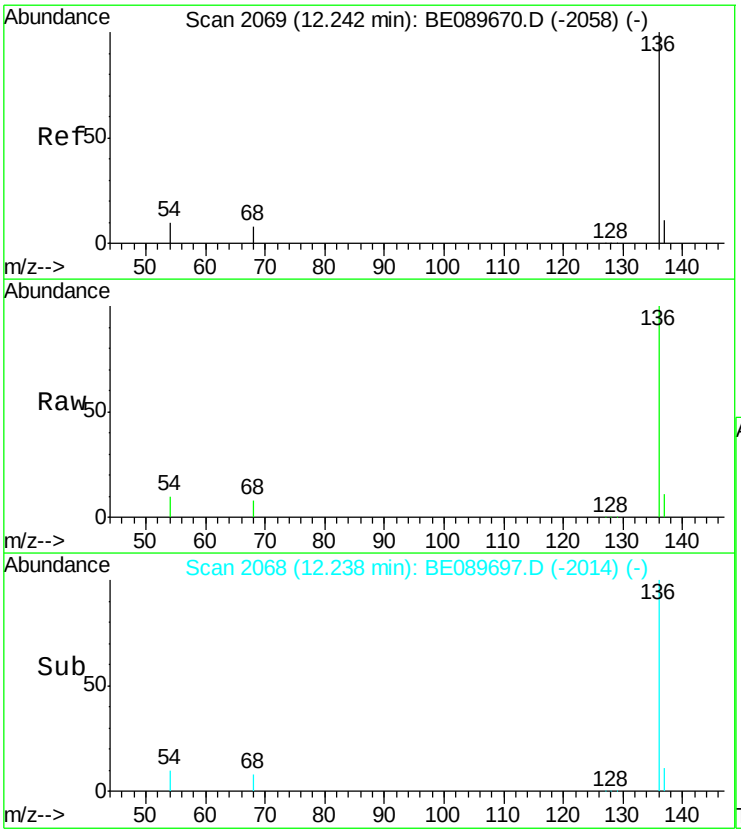
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:152 Resp: 60503

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.4	185.0
115	60.9	50.8	76.2

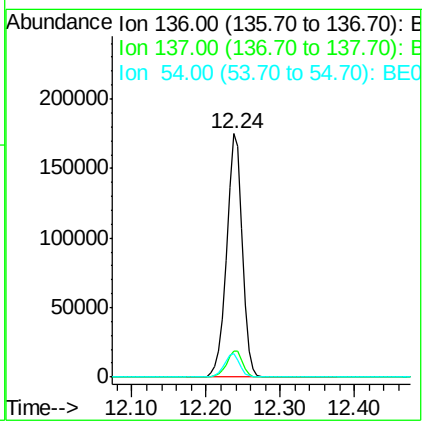


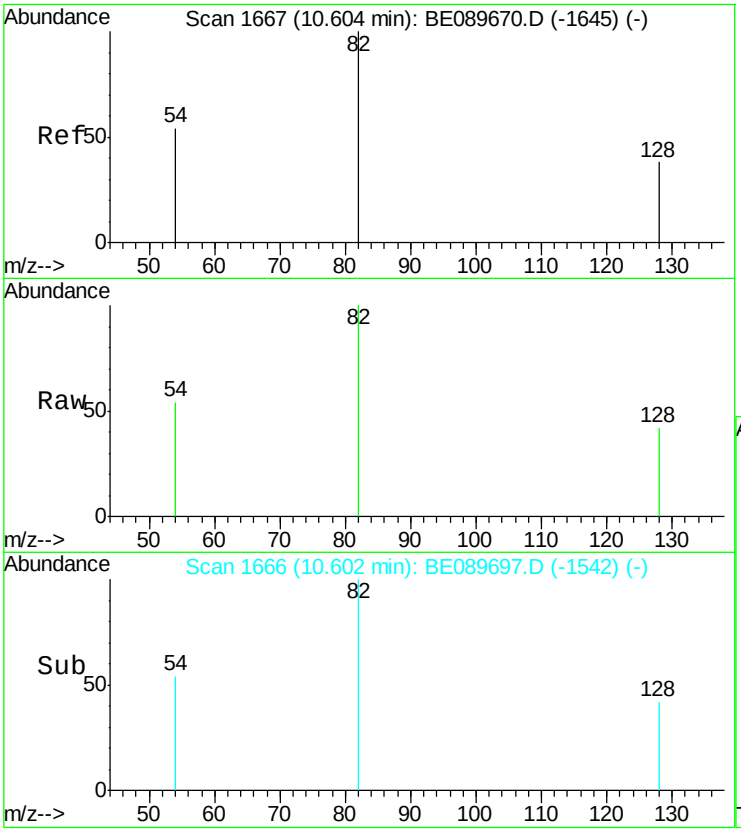


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Tgt Ion:136 Resp: 260985

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.7	7.8	11.8



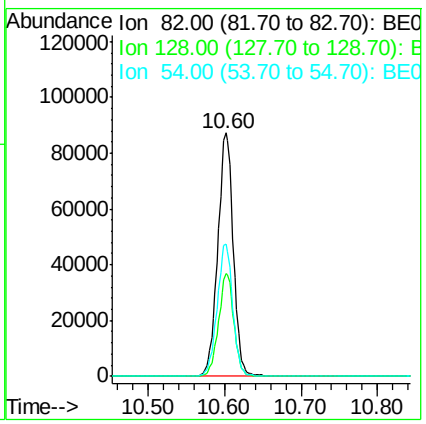


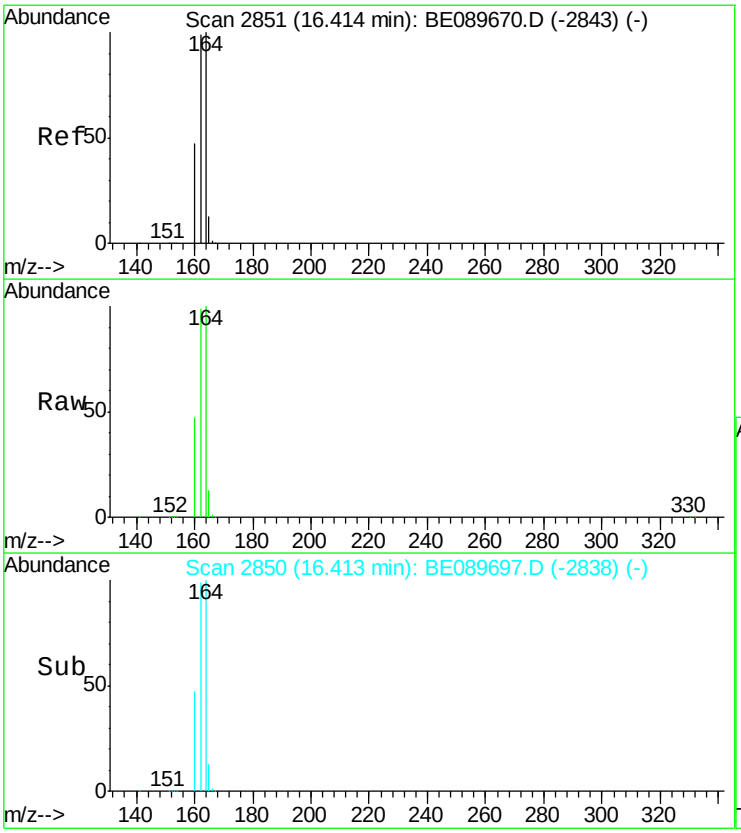
#5
Nitrobenzene-d5
Concen: 7.89 ng
RT: 10.60 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion: 82 Resp: 121920

Ion	Ratio	Lower	Upper
82	100		
128	42.0	30.6	46.0
54	54.2	43.6	65.4

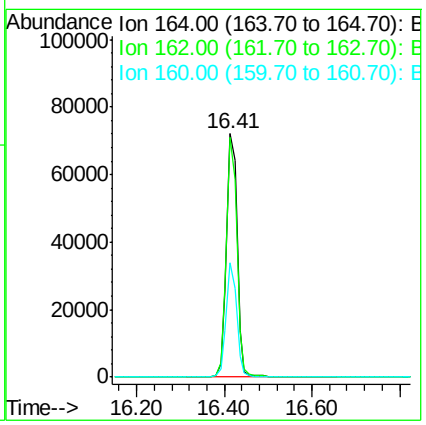


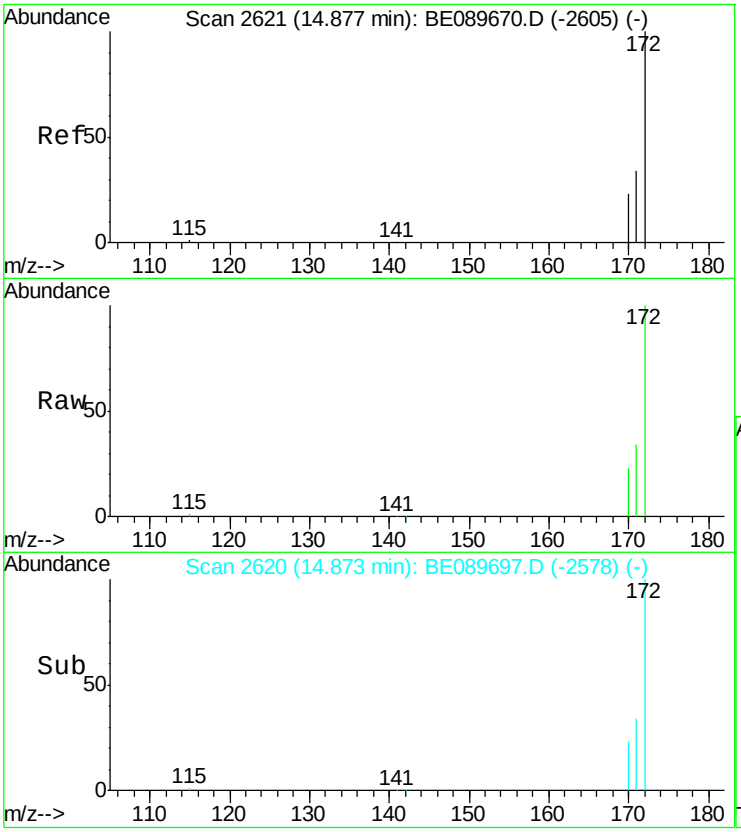


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.41 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Tgt Ion:164 Resp: 121958

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.4	119.2
160	46.8	37.6	56.4



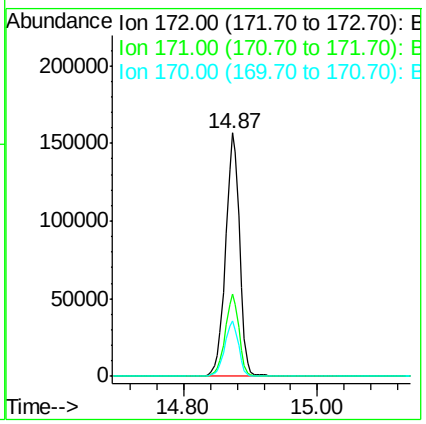


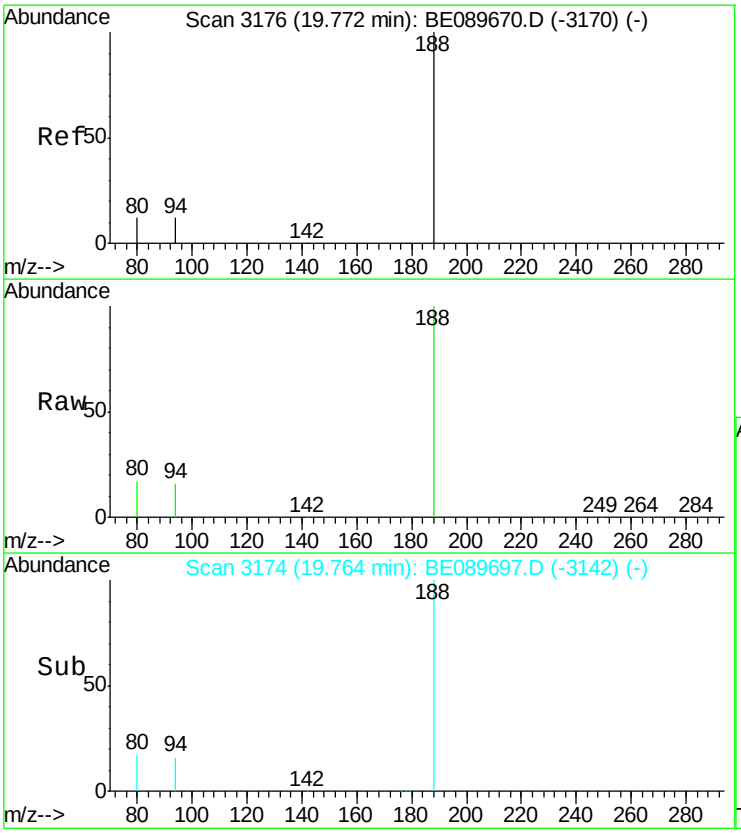
#9
2-Fluorobiphenyl
Concen: 8.46 ng
RT: 14.87 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:172 Resp: 229510

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.3	40.9
170	22.9	18.5	27.7

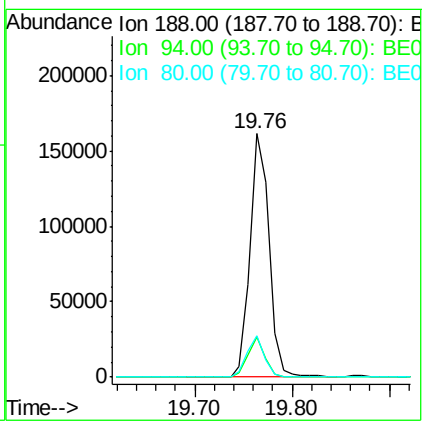


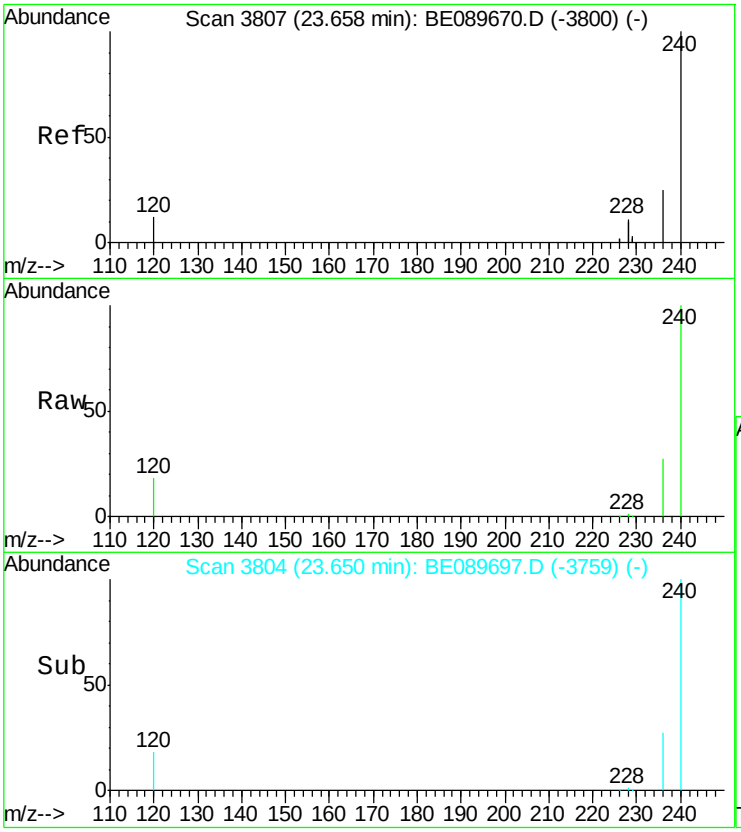


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Tgt Ion:188 Resp: 215881

Ion	Ratio	Lower	Upper
188	100		
94	16.2	9.4	14.2#
80	17.0	9.5	14.3#



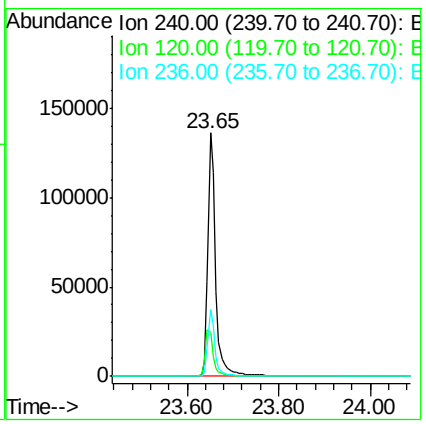


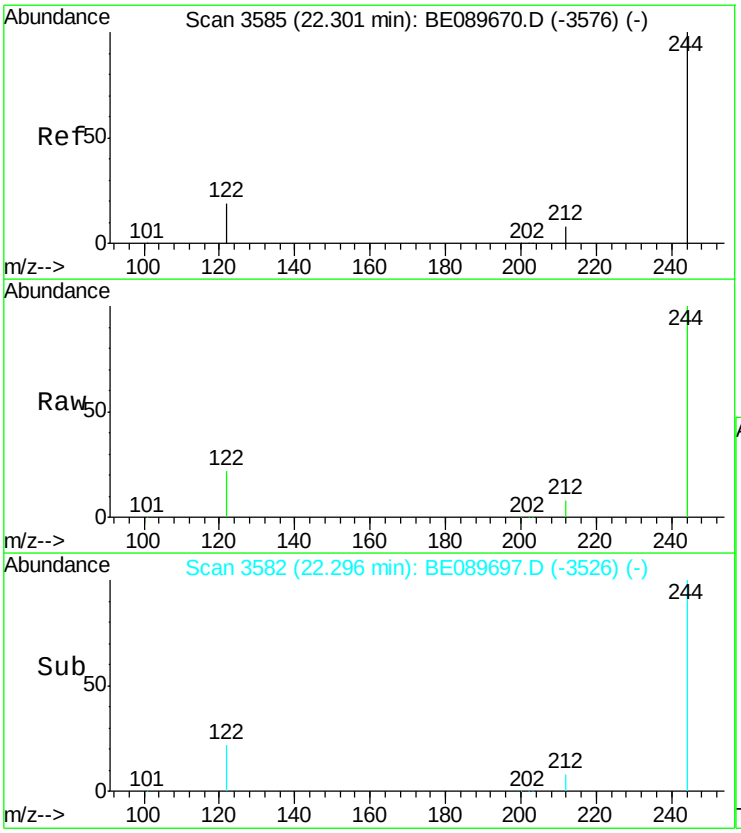
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:240 Resp: 161610

Ion	Ratio	Lower	Upper
240	100		
120	18.2	9.4	14.0#
236	27.3	19.9	29.9

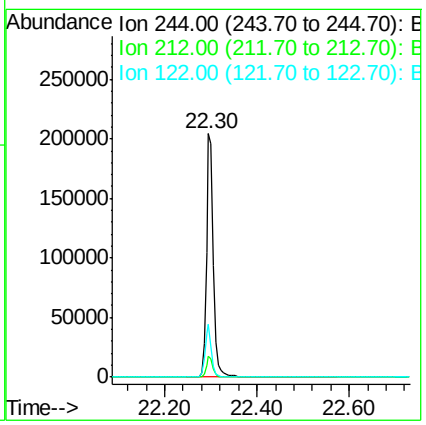


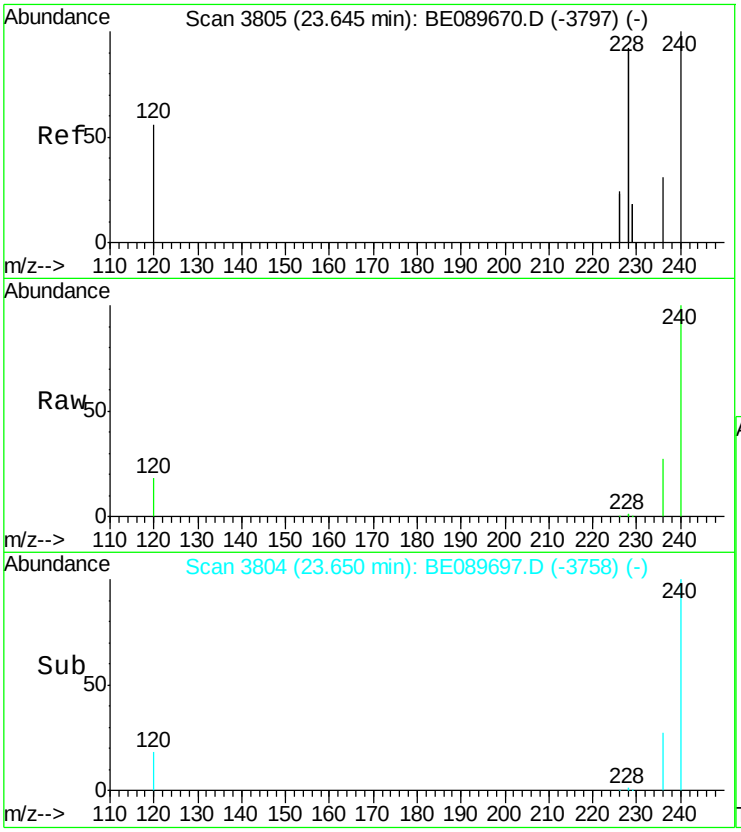


#21
Terphenyl-d14
Concen: 11.62 ng
RT: 22.30 min Scan# 3582
Delta R.T. -0.01 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Tgt Ion:244 Resp: 220282

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	21.8	15.4	23.0



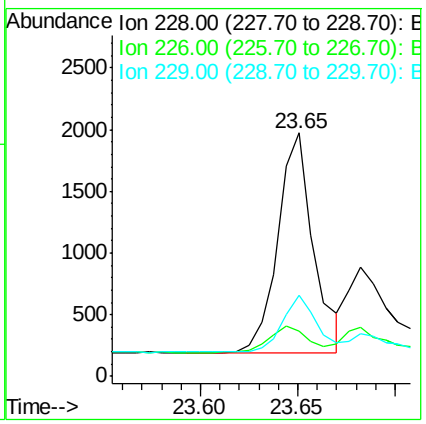


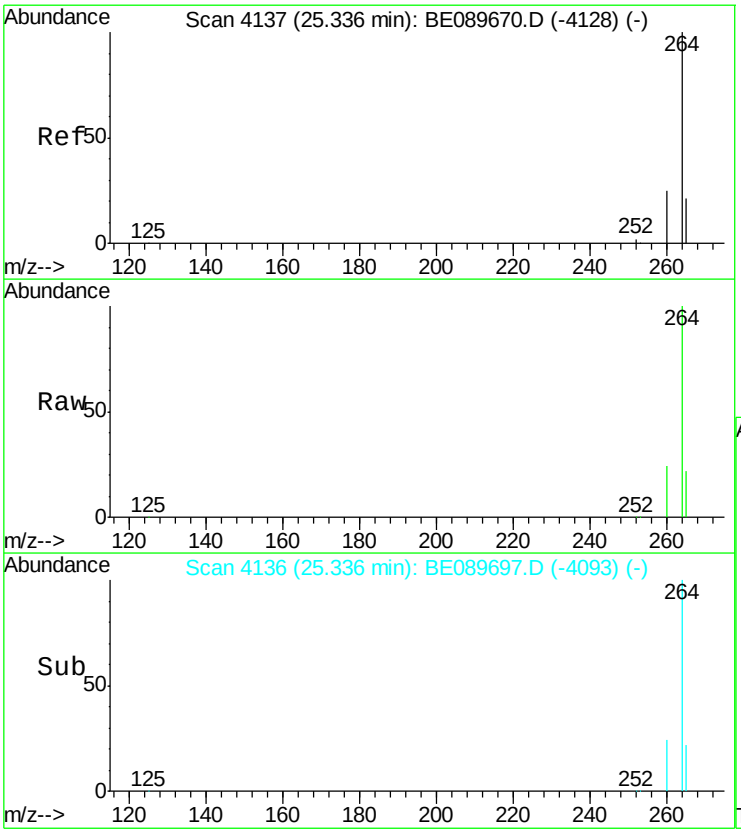
#22
Benzo(a)anthracene
Concen: 0.02 ng
RT: 23.65 min Scan# 3804
Delta R.T. 0.01 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:228 Resp: 2281

Ion	Ratio	Lower	Upper
228	100		
226	18.3	20.6	31.0#
229	33.2	15.8	23.6#





#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4136
Delta R.T. 0.00 min
Lab File: BE089697.D
Acq: 26 Feb 2015 18:51

Tgt Ion:264 Resp: 129327

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.4
265	21.7	17.0	25.4