Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
Data File : BE089345.D
Acq On : 8 Jan 2015 00:52
Operator : TP/IZ
Sample : PB81202BL
Misc : LOD/LOQ-WATER-SIM
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81202BL

Quant Time: Jan 08 06:12:19 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 06:03:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	18629	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	72216	5.00	ng	0.00
6) Acenaphthene-d10	10.65	164	34309	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	51448	5.00	ng	0.00
15) Chrysene-d12	18.07	240	38436	5.00	ng	0.00
21) Perylene-d12	21.12	264	33411	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.64	82	34770	6.92	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	58533	6.26	ng	0.00
17) Terphenyl-d14	15.85	244	45504	6.69	ng	0.00

Target Compounds	Qvalue

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

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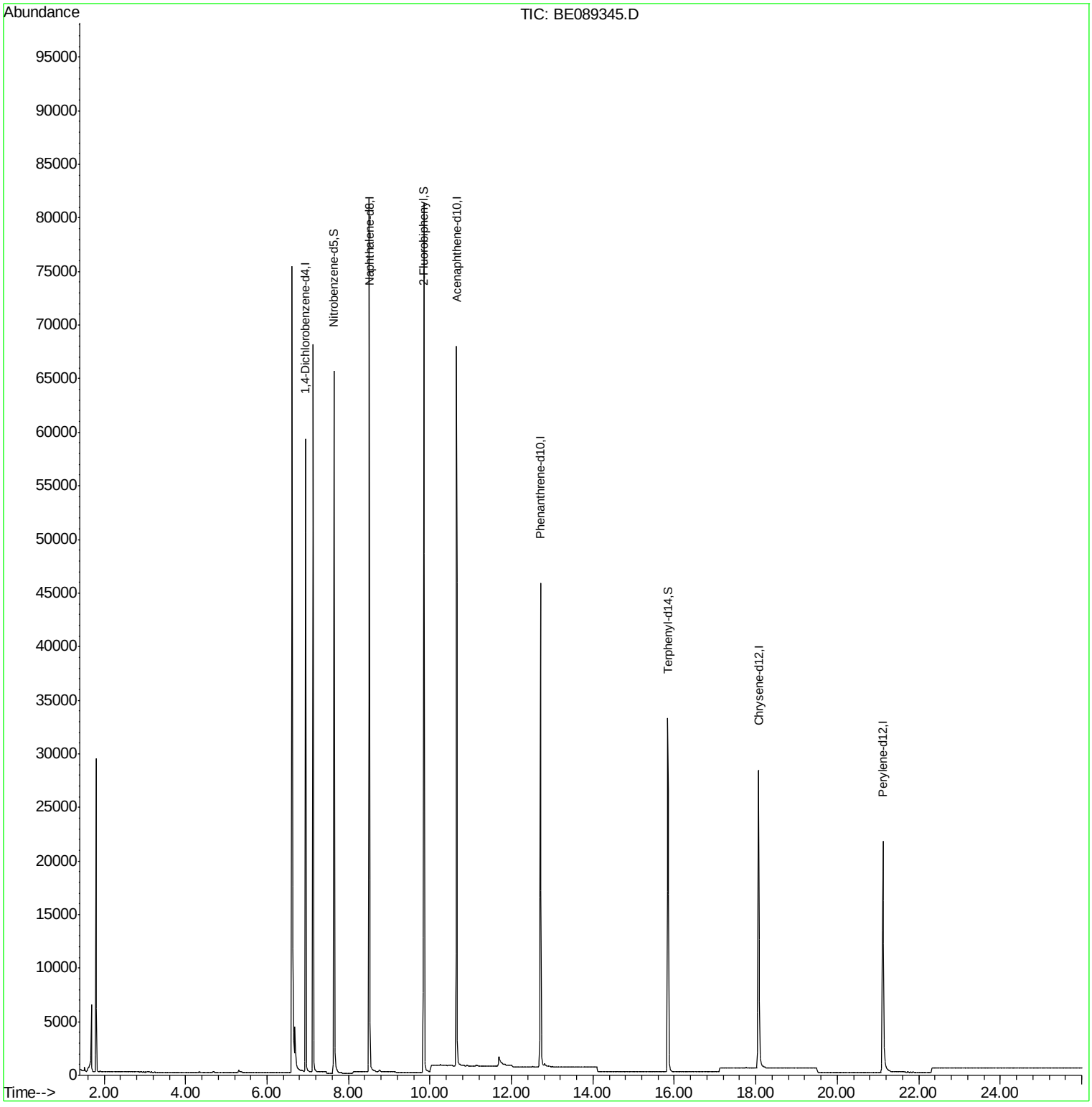
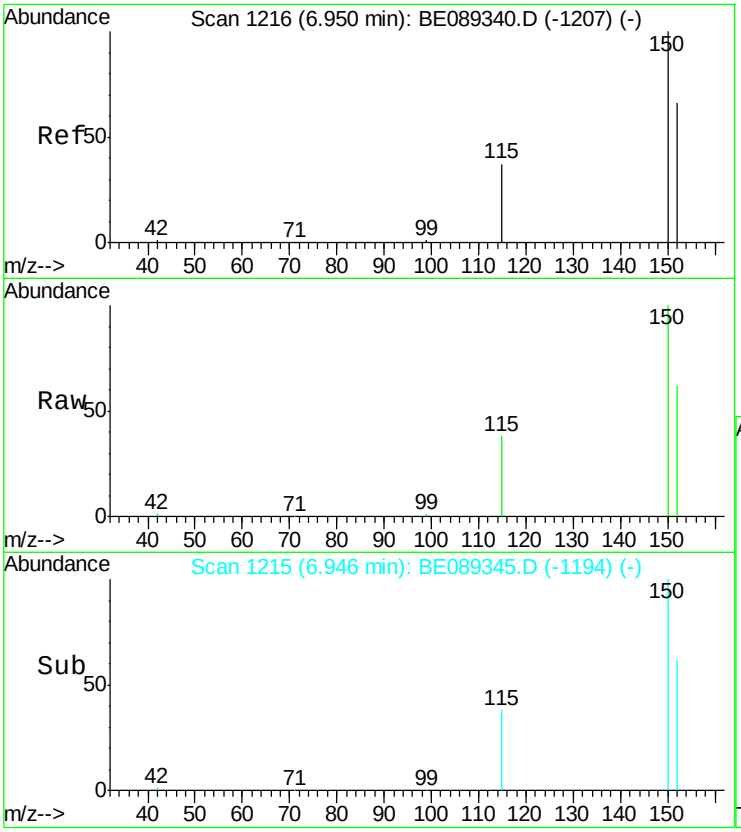


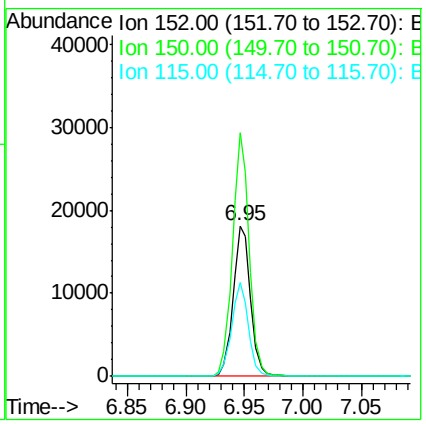


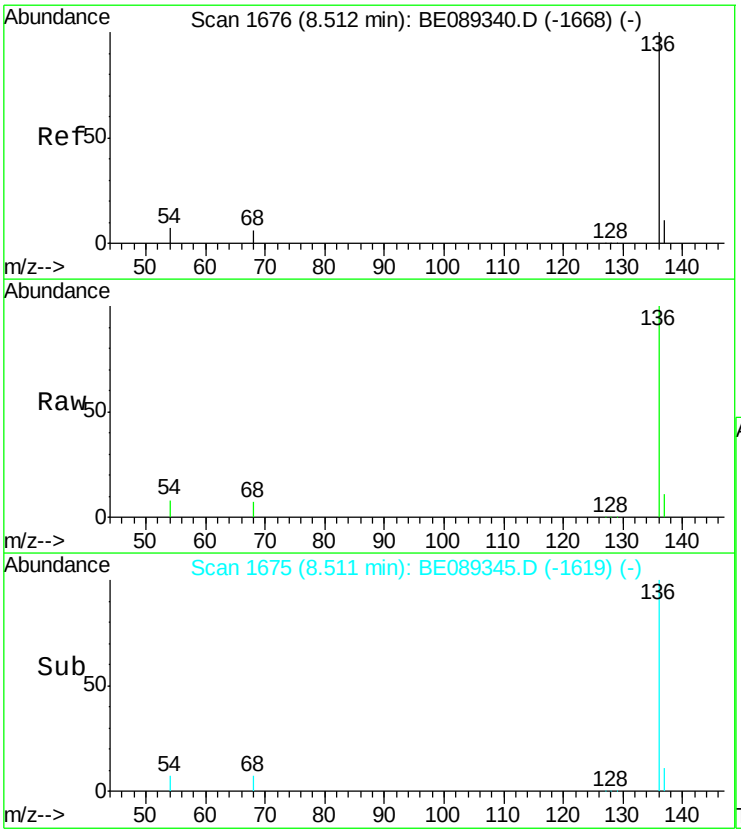
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Instrument :
BNA_E
ClientSampleId :
PB81202BL

Tgt Ion:152 Resp: 18629

Ion	Ratio	Lower	Upper
152	100		
150	161.5	121.5	182.3
115	62.2	45.2	67.8

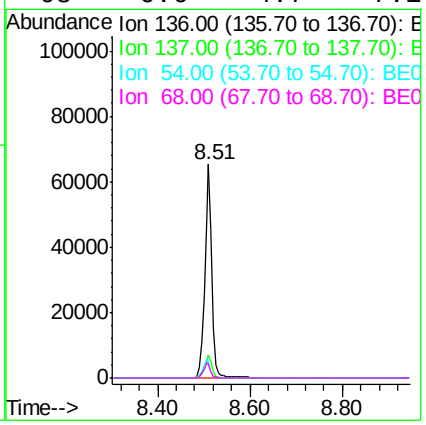


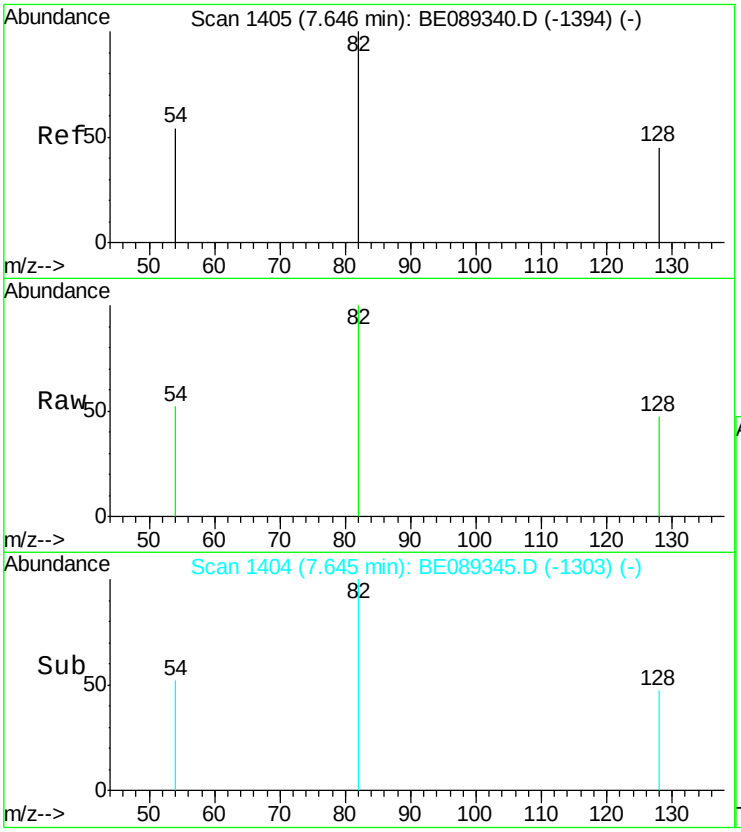


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 8.51 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Tgt Ion:136 Resp: 72216

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.6	5.4	8.0
68	6.6	4.7	7.1



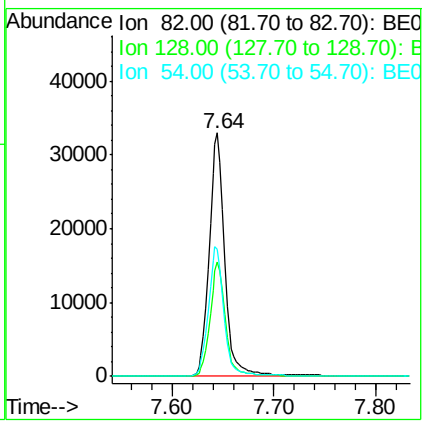


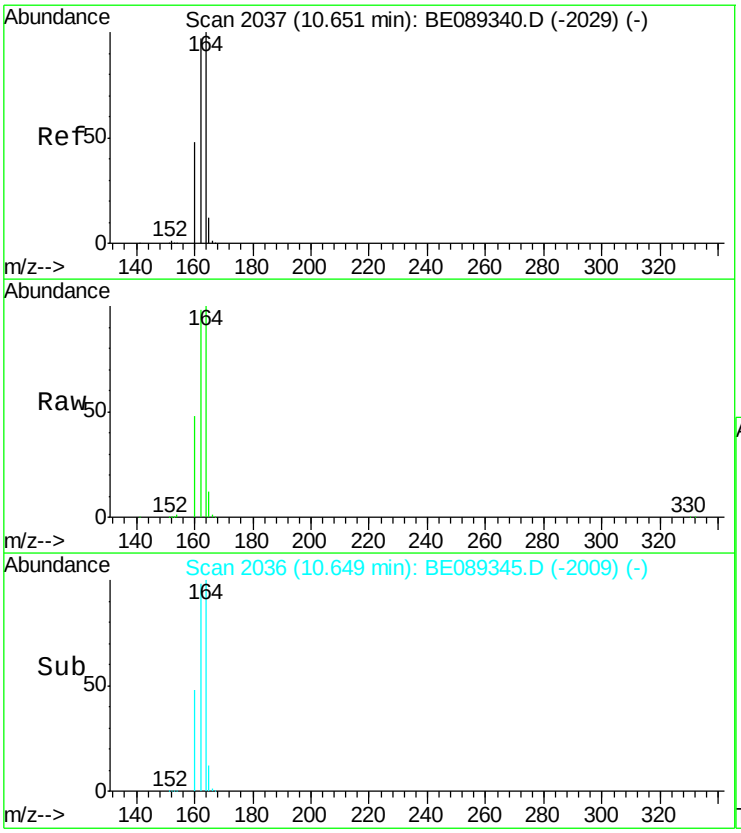
#3
Nitrobenzene-d5
Concen: 6.92 ng
RT: 7.64 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Instrument :
BNA_E
ClientSampleId :
PB81202BL

Tgt Ion: 82 Resp: 34770

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	52.3	43.5	65.3

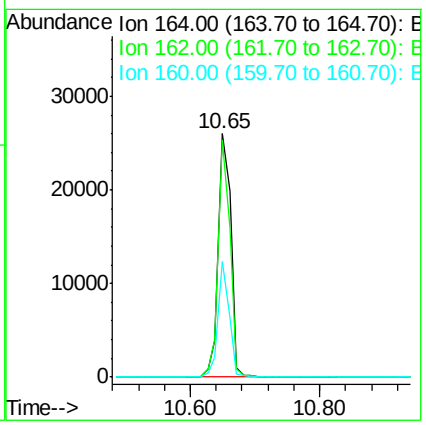


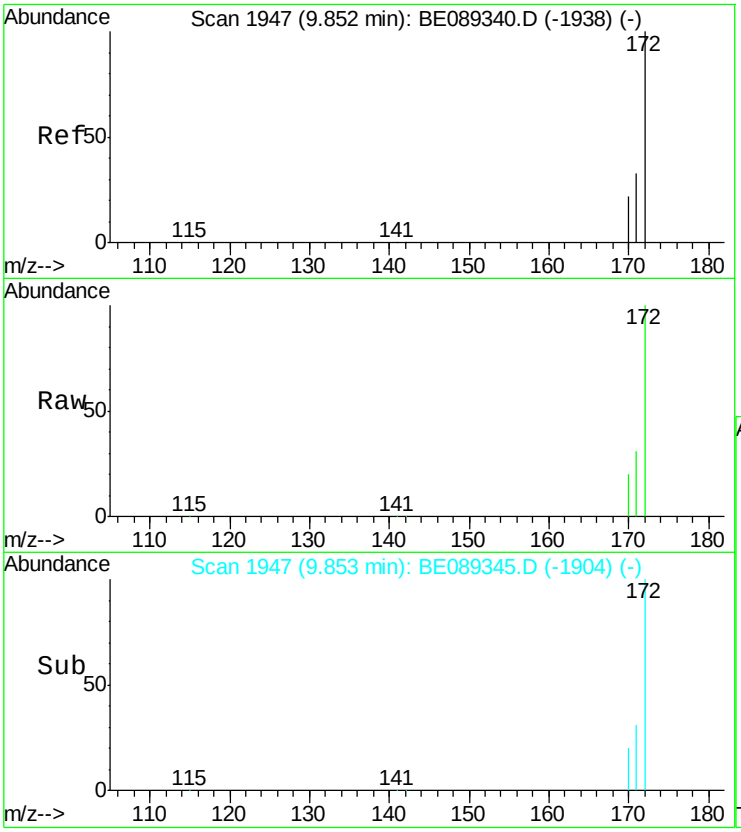


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Tgt Ion:164 Resp: 34309

Ion	Ratio	Lower	Upper
164	100		
162	97.7	77.4	116.2
160	47.6	38.2	57.4



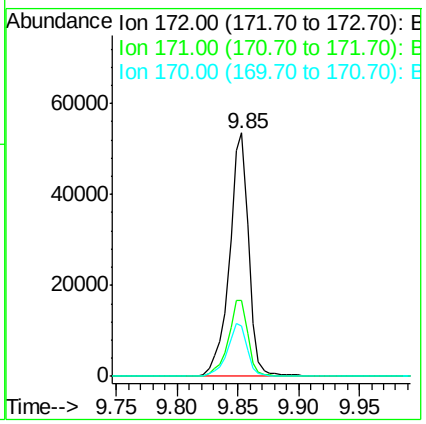


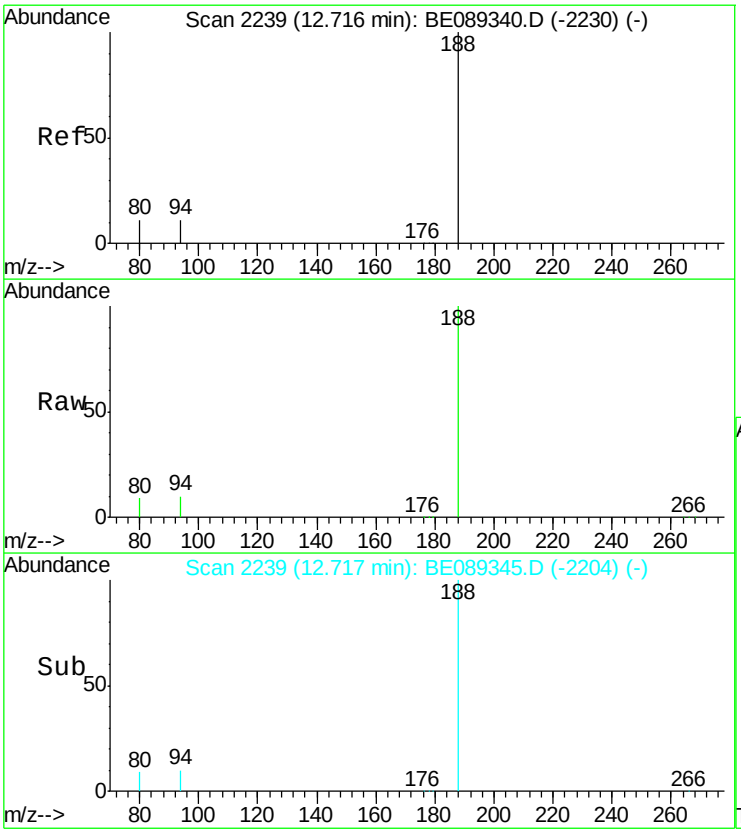
#7
2-Fluorobiphenyl
Concen: 6.26 ng
RT: 9.85 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Instrument :
BNA_E
ClientSampleId :
PB81202BL

Tgt Ion:172 Resp: 58533

Ion	Ratio	Lower	Upper
172	100		
171	31.0	26.4	39.6
170	20.4	18.0	27.0

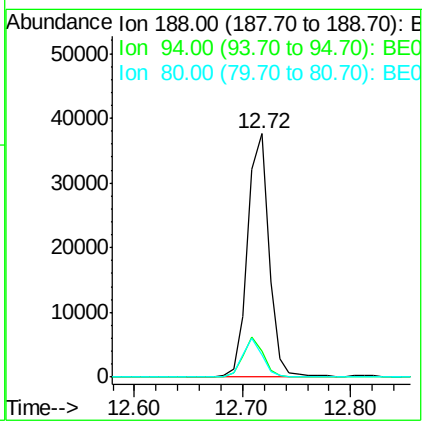


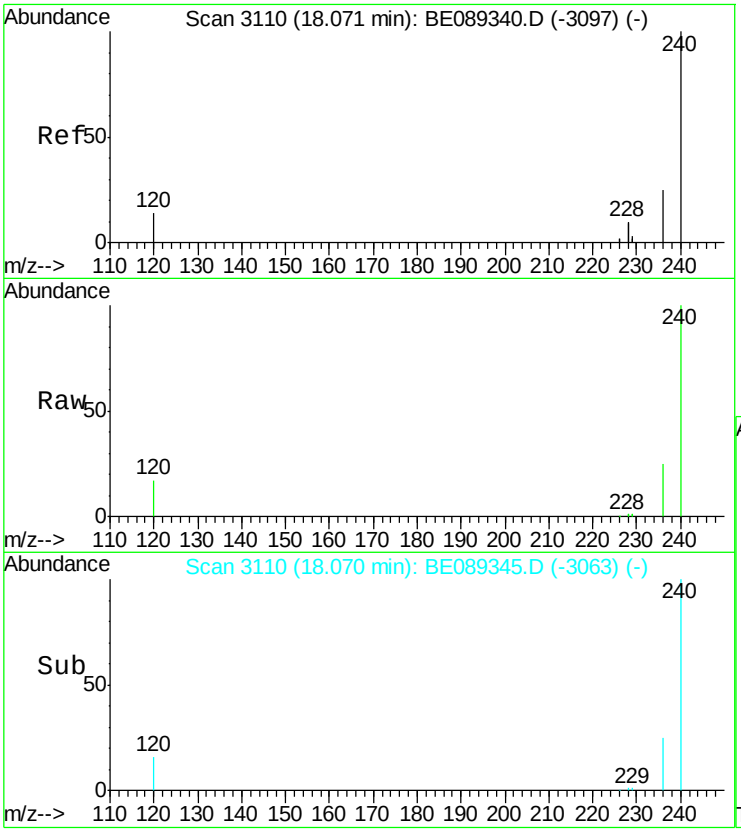


#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Tgt Ion:188 Resp: 51448

Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.0	12.2#
80	9.4	10.1	11.1#



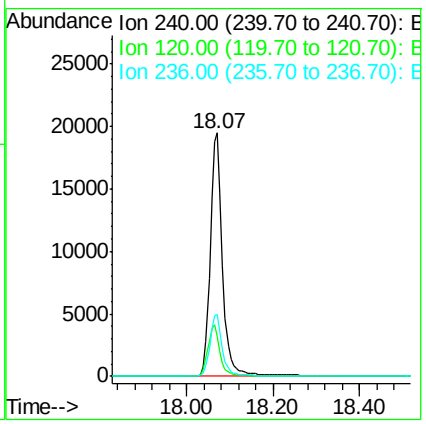


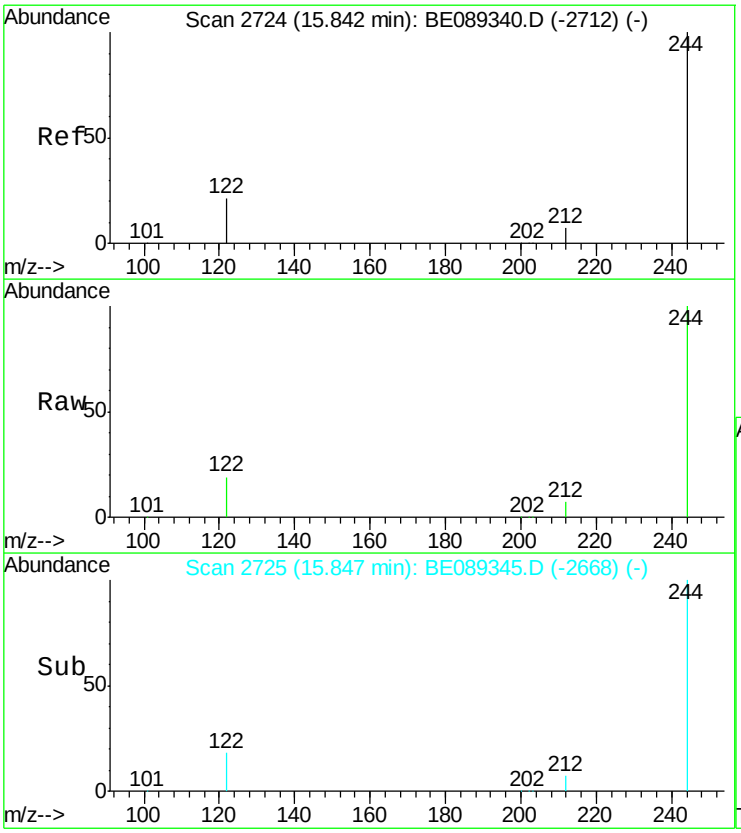
#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Instrument :
BNA_E
ClientSampleId :
PB81202BL

Tgt Ion:240 Resp: 38436

Ion	Ratio	Lower	Upper
240	100		
120	16.6	11.8	17.6
236	25.2	20.0	30.0

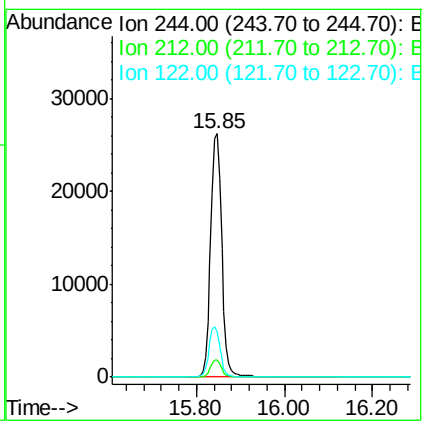


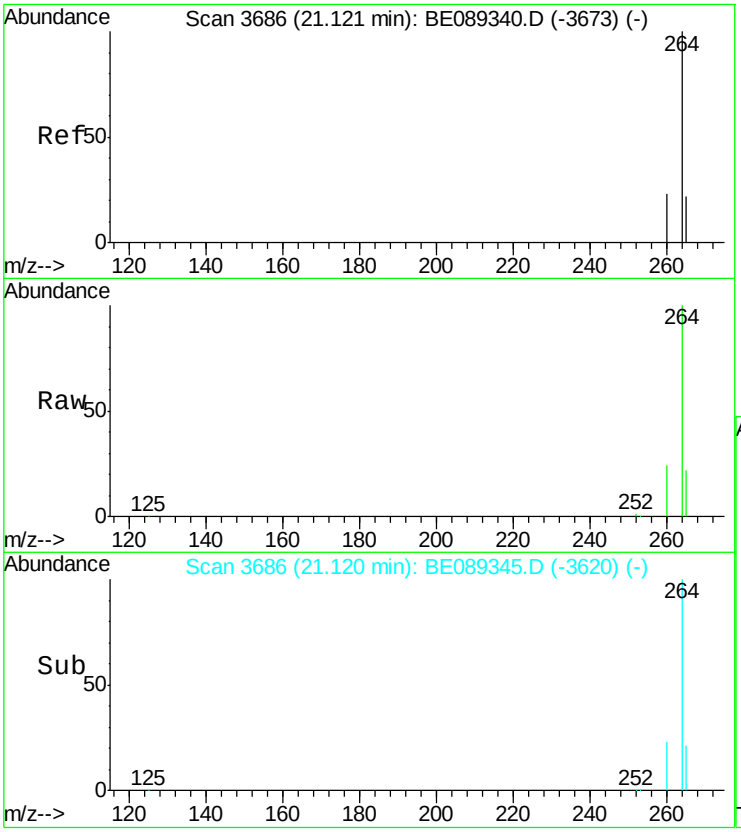


#17
Terphenyl-d14
Concen: 6.69 ng
RT: 15.85 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Tgt Ion:244 Resp: 45504

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	18.5	17.7	26.5





#21
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 3686
Delta R.T. -0.00 min
Lab File: BE089345.D
Acq: 8 Jan 2015 00:52

Instrument :
BNA_E
ClientSampleId :
PB81202BL

Tgt Ion:264 Resp: 33411

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.6	17.4	26.2