Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
Data File : BE088139.D
Acq On : 21 Oct 2014 13:01
Operator : TP/JJ
Sample : F4351-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-EB01-101614-SW

Quant Time: Oct 21 15:15:07 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102014.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:11:14 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	35380	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	132437	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	61002	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	112969	5.00	ng		0.00
16) Chrysene-d12	18.38	240	80670	5.00	ng		0.00
22) Perylene-d12	21.44	264	74892	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.82	82	65022	6.81	ng		0.00
8) 2-Fluorobiphenyl	10.03	172	113901	6.76	ng		0.00
18) Terphenyl-d14	16.14	244	118471	9.13	ng		0.00
Target Compounds							Qvalue
15) Fluoranthene	15.24	202	1185	0.06	ng		98
17) Pyrene	15.70	202	1196	0.05	ng		99
19) Benzo(a)anthracene	18.36	228	3725	0.05	ng	#	85
20) Chrysene	18.43	228	4469	0.06	ng	#	87

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

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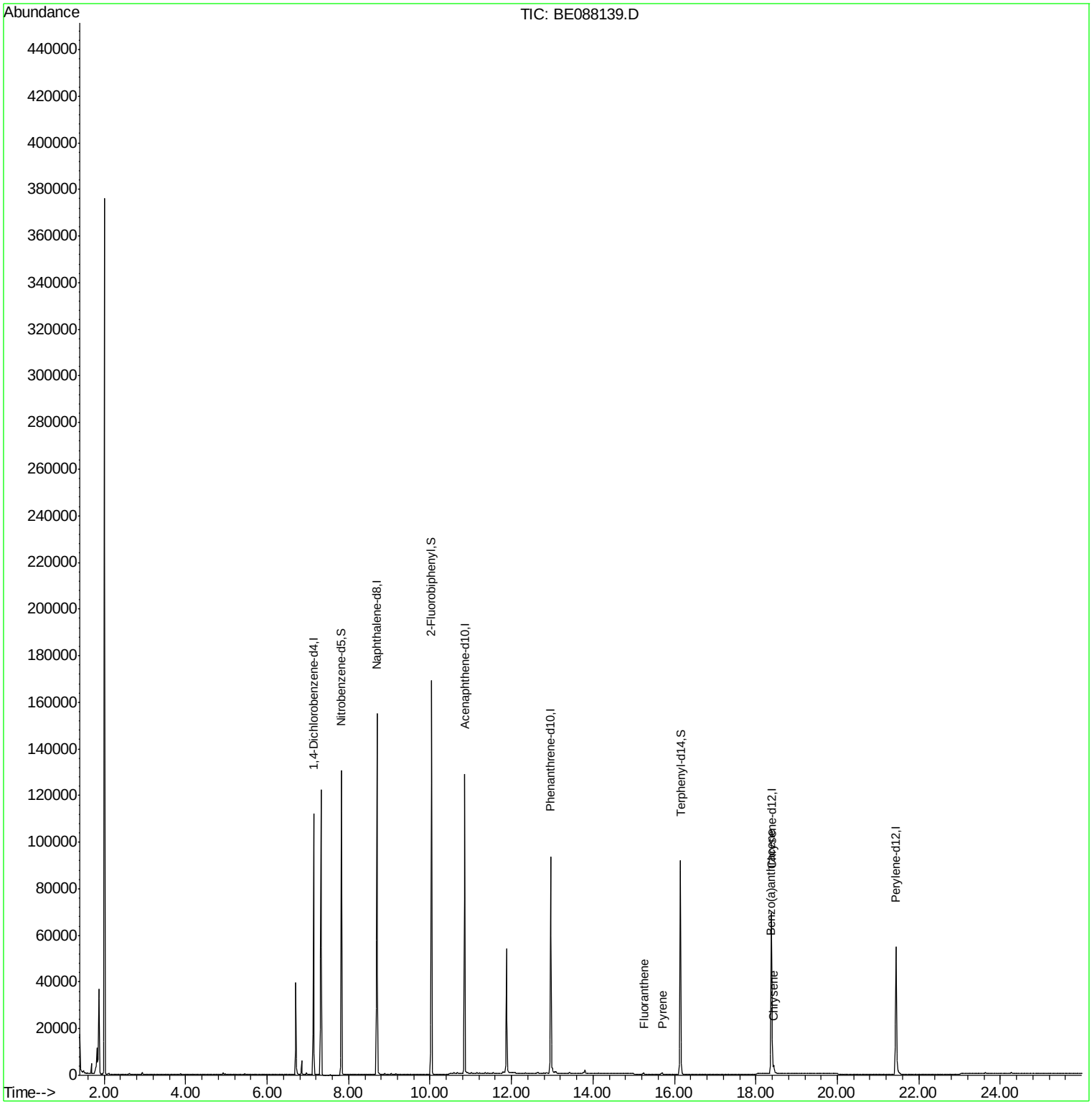
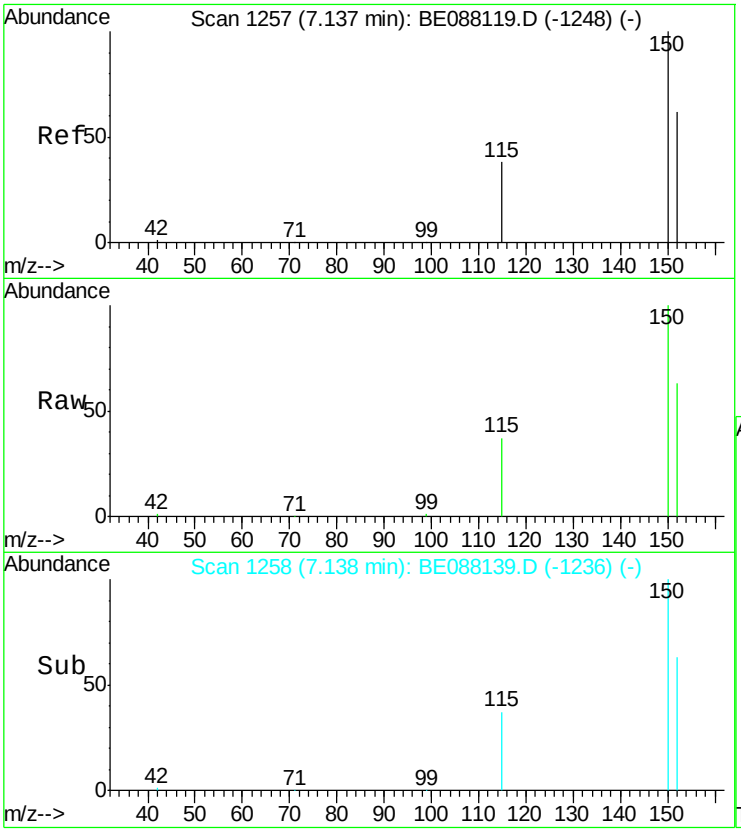


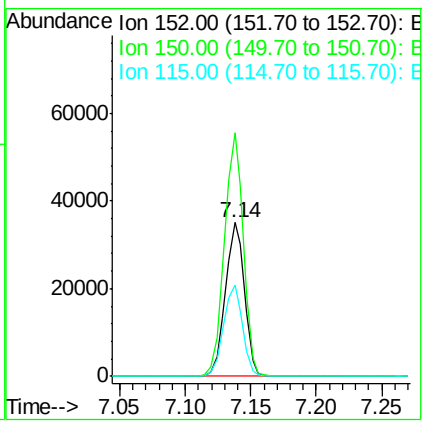


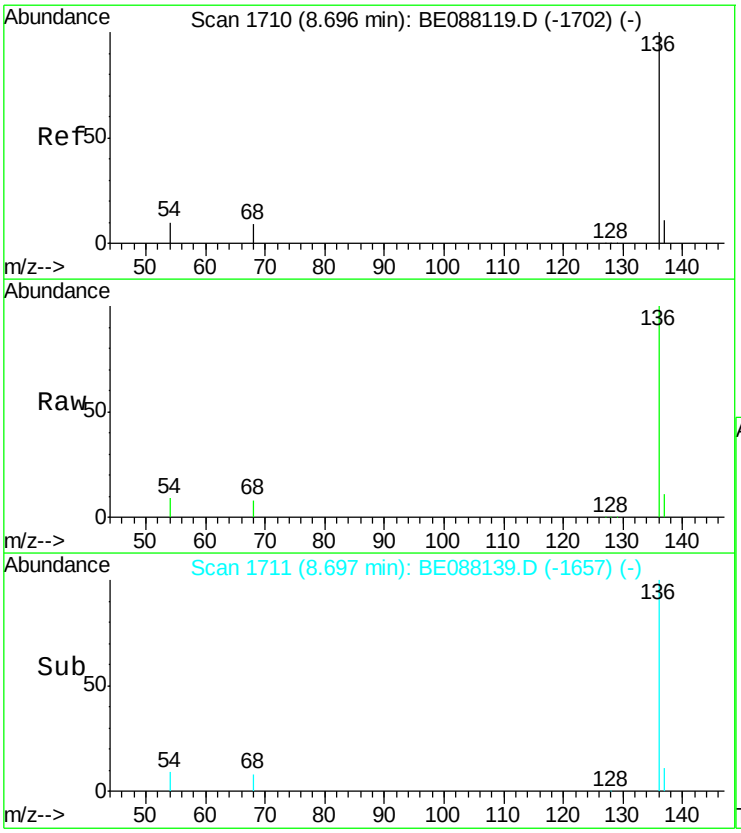
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101614-SW

Tgt Ion:152 Resp: 35380

Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.2	193.8
115	59.3	49.3	73.9

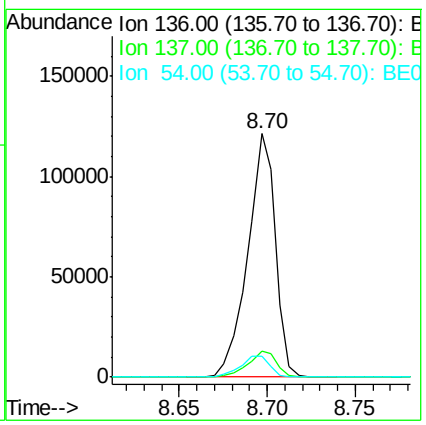


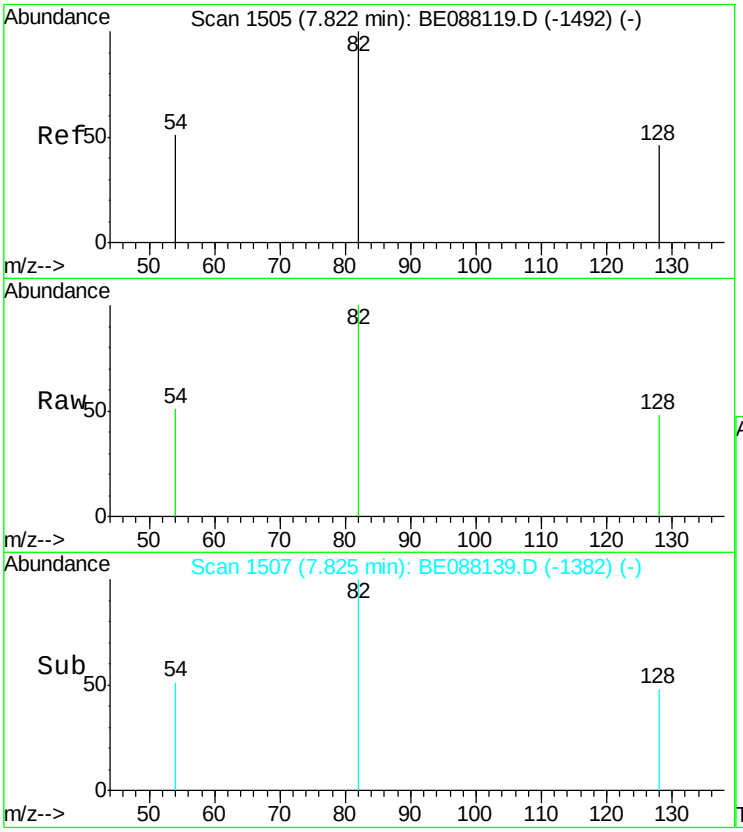


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion:136 Resp: 132437

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.8	7.7	11.5



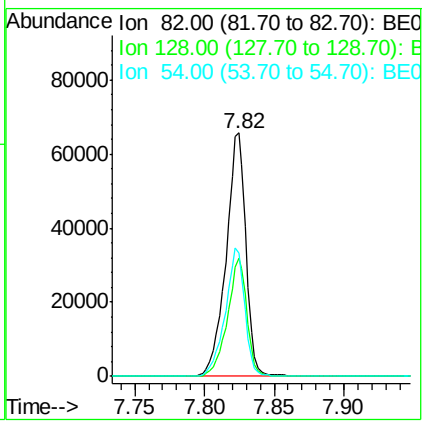


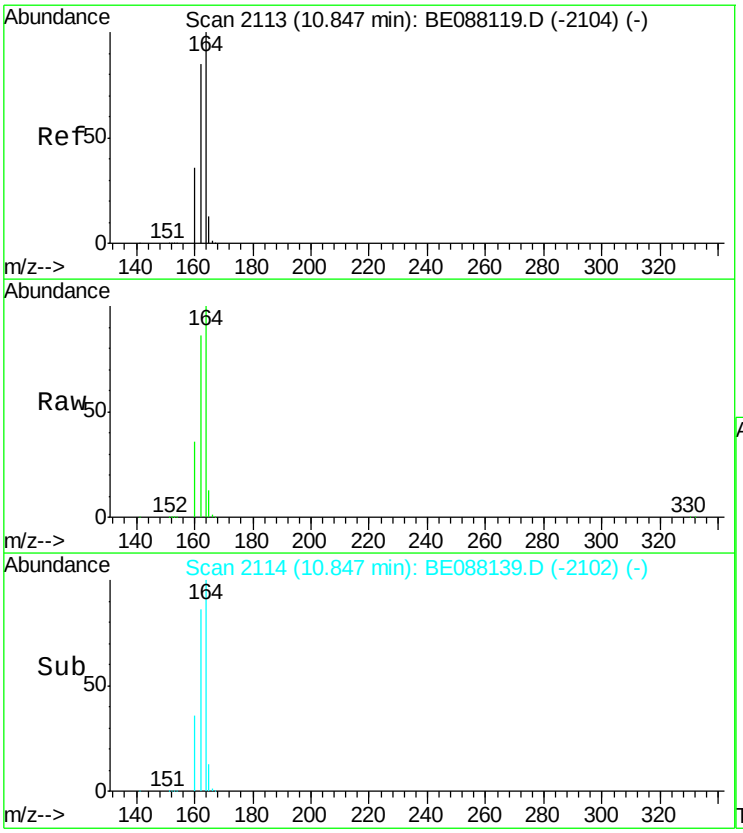
#4
Nitrobenzene-d5
Concen: 6.81 ng
RT: 7.82 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101614-SW

Tgt Ion: 82 Resp: 65022

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.1	55.7
54	50.7	41.1	61.7

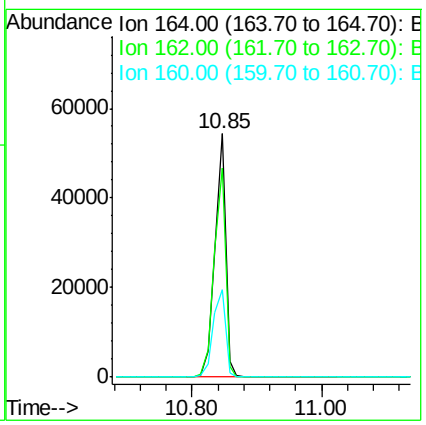


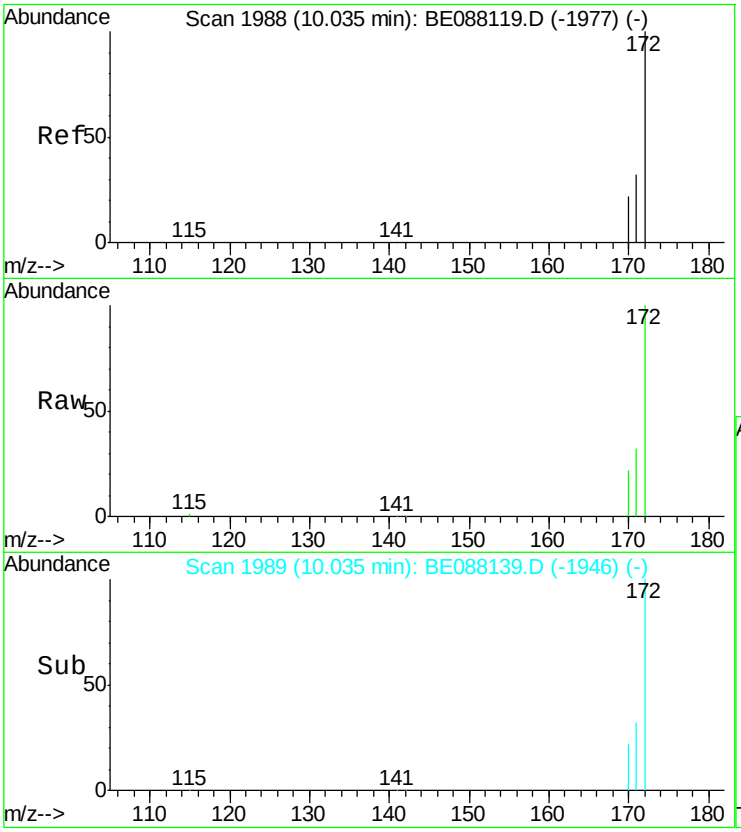


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion:164 Resp: 61002

Ion	Ratio	Lower	Upper
164	100		
162	85.6	68.3	102.5
160	36.1	28.7	43.1



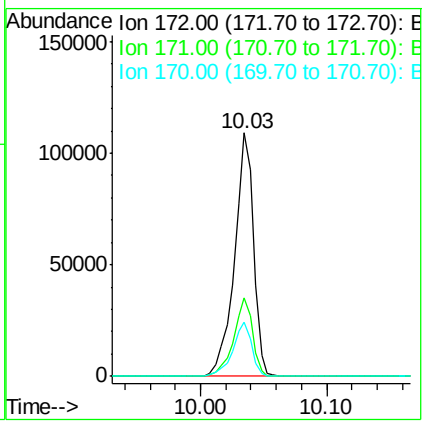


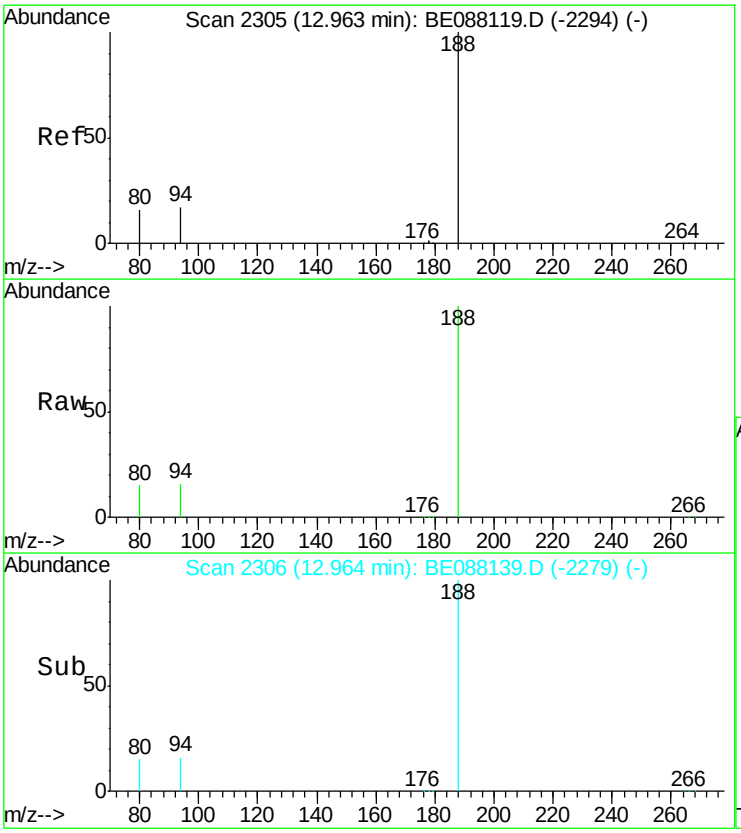
#8
2-Fluorobiphenyl
Concen: 6.76 ng
RT: 10.03 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101614-SW

Tgt Ion:172 Resp: 113901

Ion	Ratio	Lower	Upper
172	100		
171	32.3	25.4	38.2
170	22.2	17.4	26.2

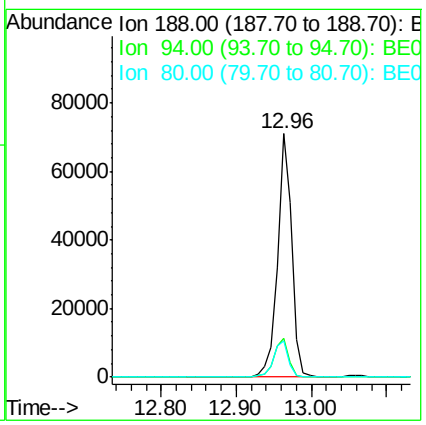


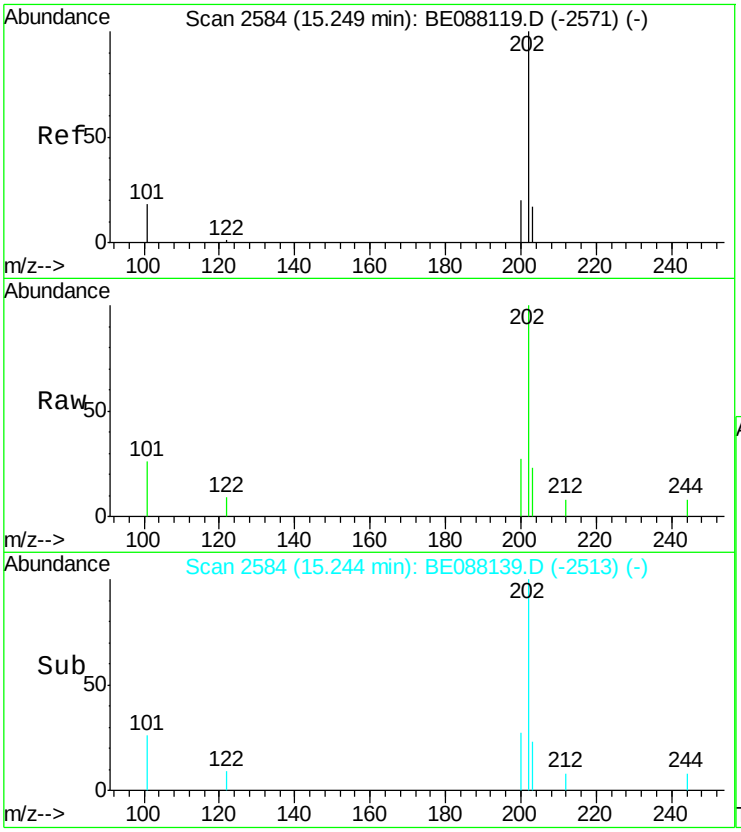


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion:188 Resp: 112969

Ion	Ratio	Lower	Upper
188	100		
94	16.0	13.9	20.9
80	14.6	12.9	19.3



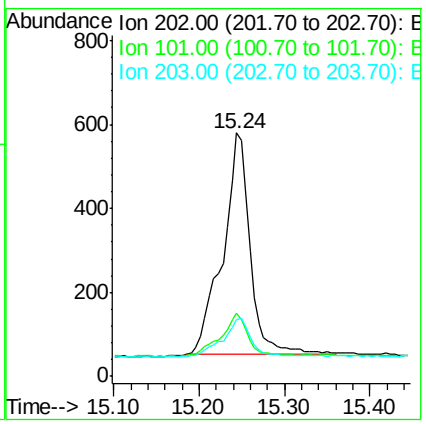


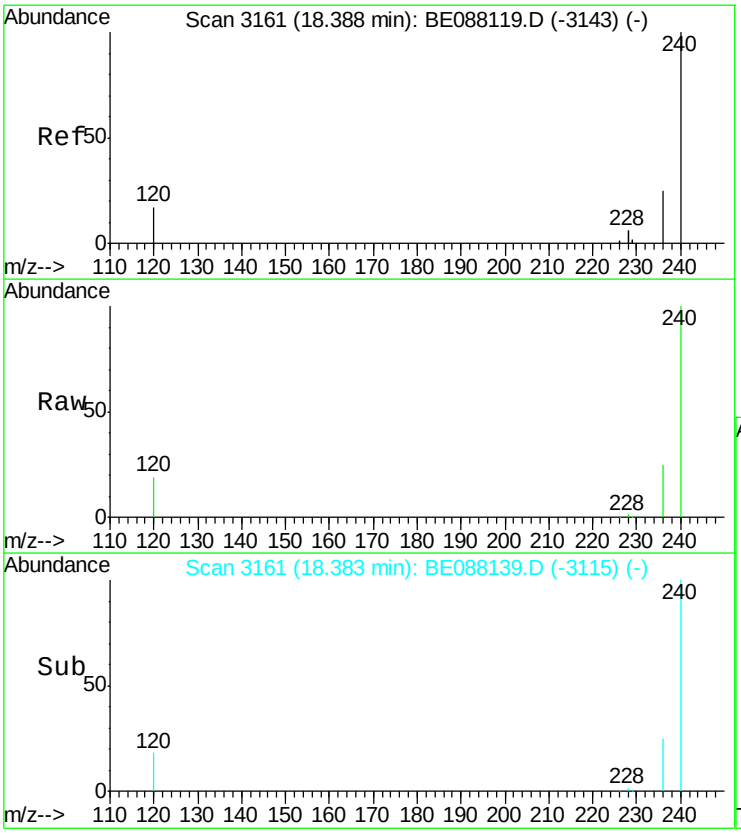
#15
Fluoranthene
Concen: 0.06 ng
RT: 15.24 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101614-SW

Tgt Ion:202 Resp: 1185

Ion	Ratio	Lower	Upper
202	100		
101	17.2	14.8	22.2
203	16.4	13.5	20.3

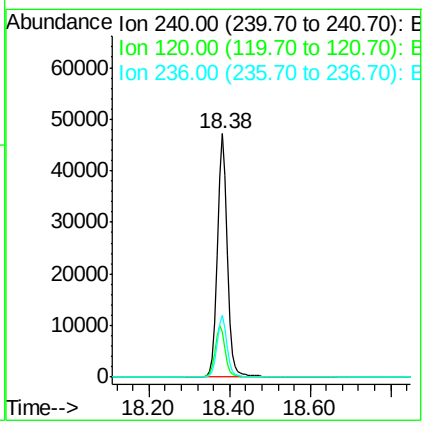


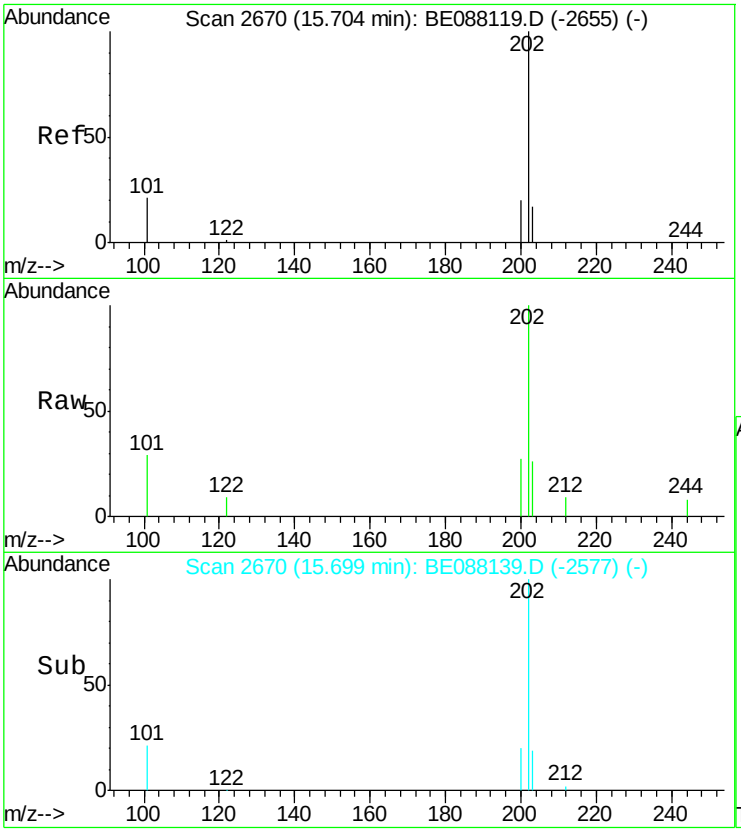


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion:240 Resp: 80670

Ion	Ratio	Lower	Upper
240	100		
120	18.5	13.9	20.9
236	25.5	19.9	29.9



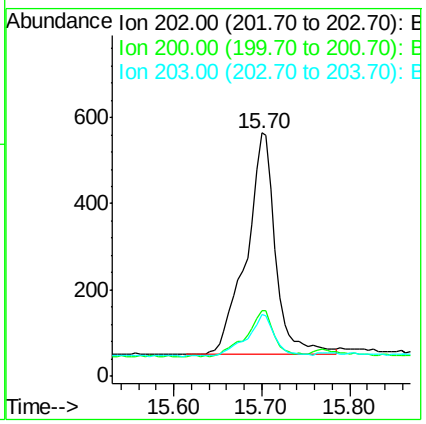


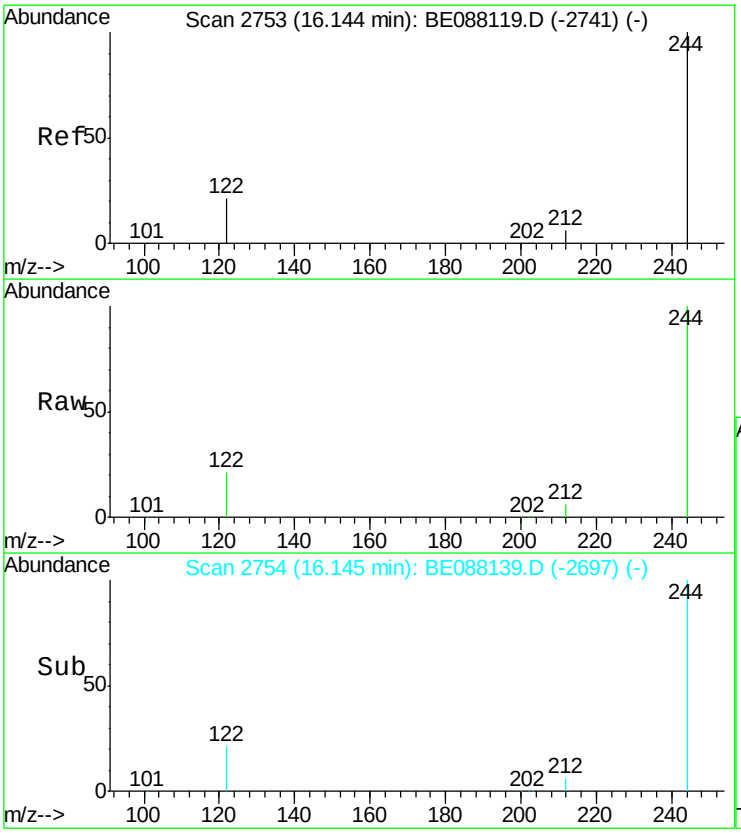
#17
Pyrene
Concen: 0.05 ng
RT: 15.70 min Scan# 2670
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101614-SW

Tgt Ion:202 Resp: 1196

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.1	24.1
203	17.6	13.9	20.9

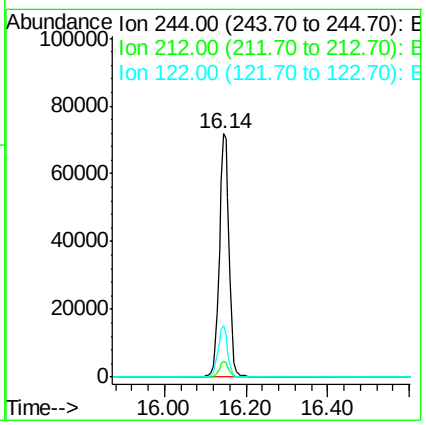


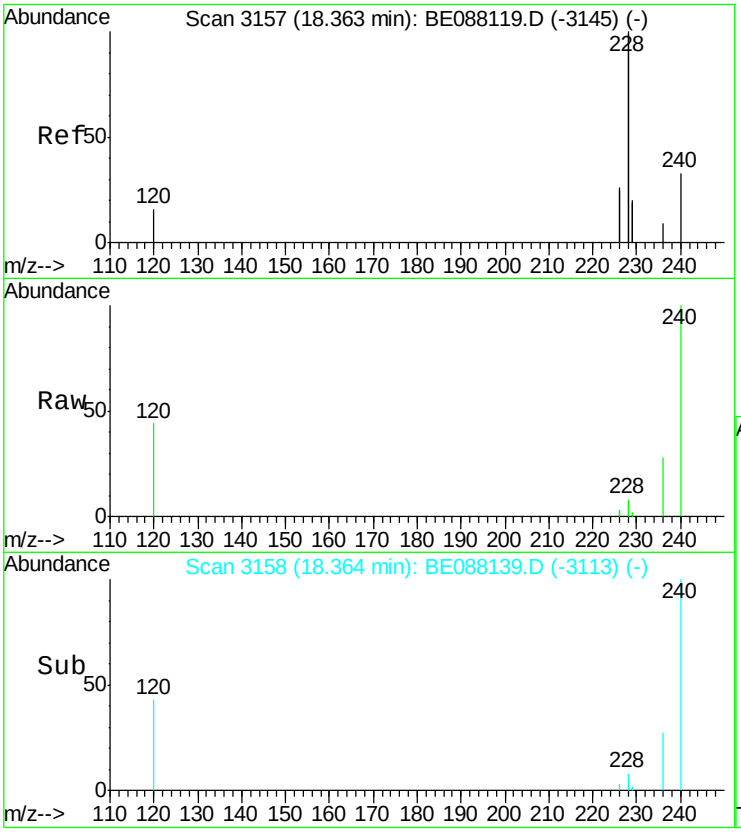


#18
Terphenyl-d14
Concen: 9.13 ng
RT: 16.14 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion:244 Resp: 118471

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	21.1	17.5	26.3



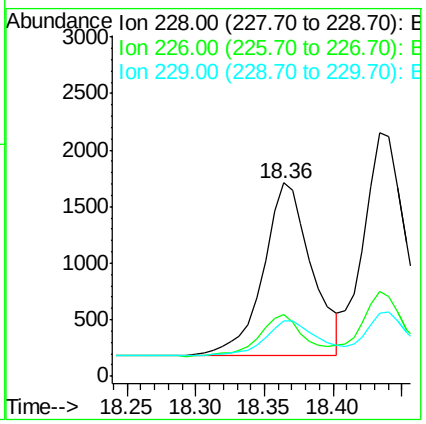


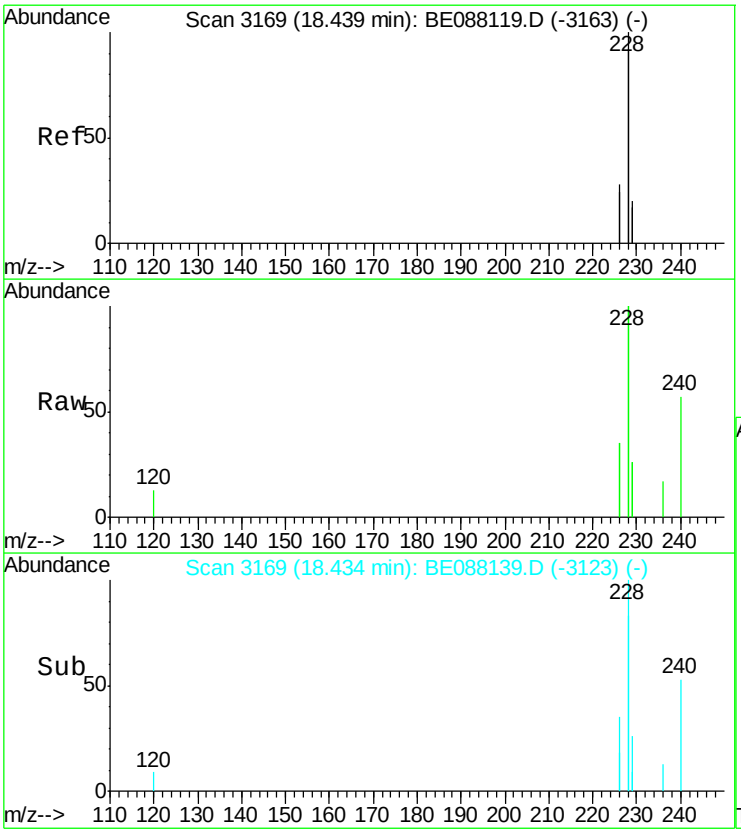
#19
Benzo(a)anthracene
Concen: 0.05 ng
RT: 18.36 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101614-SW

Tgt Ion:228 Resp: 3725

Ion	Ratio	Lower	Upper
228	100		
226	31.7	20.8	31.2#
229	28.9	15.6	23.4#

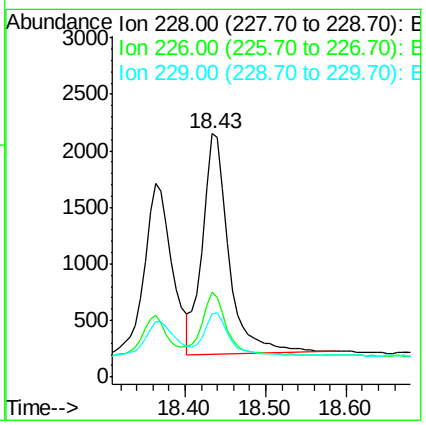


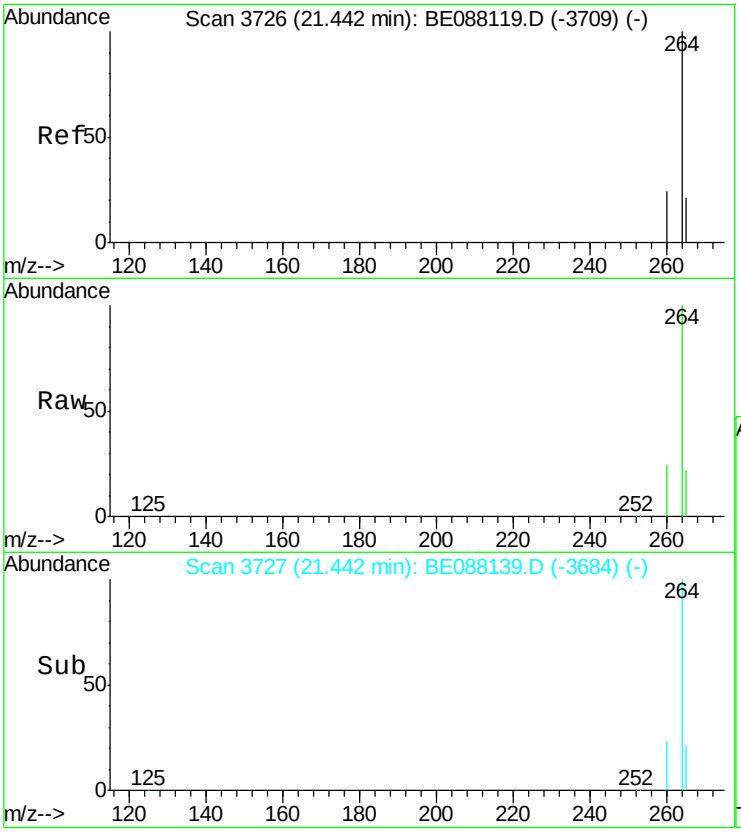


#20
Chrysene
Concen: 0.06 ng
RT: 18.43 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion:228 Resp: 4469

Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.7	34.1#
229	26.0	15.8	23.6#





#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-101614-SW

Tgt Ion:264 Resp: 74892

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.6	17.2	25.8