Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088146.D
Acq On : 21 Oct 2014 17:27
Operator : TP/JJ
Sample : F4351-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SW02-1014

Quant Time: Oct 22 04:37:57 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	39672	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	148285	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	67844	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	122076	5.00	ng		0.00
16) Chrysene-d12	18.38	240	82299	5.00	ng		0.00
22) Perylene-d12	21.44	264	75300	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.82	82	56748	5.31	ng		0.00
8) 2-Fluorobiphenyl	10.03	172	104131	5.56	ng		0.00
18) Terphenyl-d14	16.15	244	108949	8.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	10766	1.89	ng	#	1
13) Phenanthrene	13.01	178	3009	Below Cal		#	58
14) Anthracene	13.09	178	2837	0.03	ng	#	89
15) Fluoranthene	15.25	202	1074	0.05	ng		98
17) Pyrene	15.70	202	1054	0.05	ng		99
19) Benzo(a)anthracene	18.36	228	3963	0.05	ng	#	85
20) Chrysene	18.44	228	4540	0.06	ng	#	88
23) Benzo(b)fluoranthene	20.68	252	430	0.02	ng	#	53

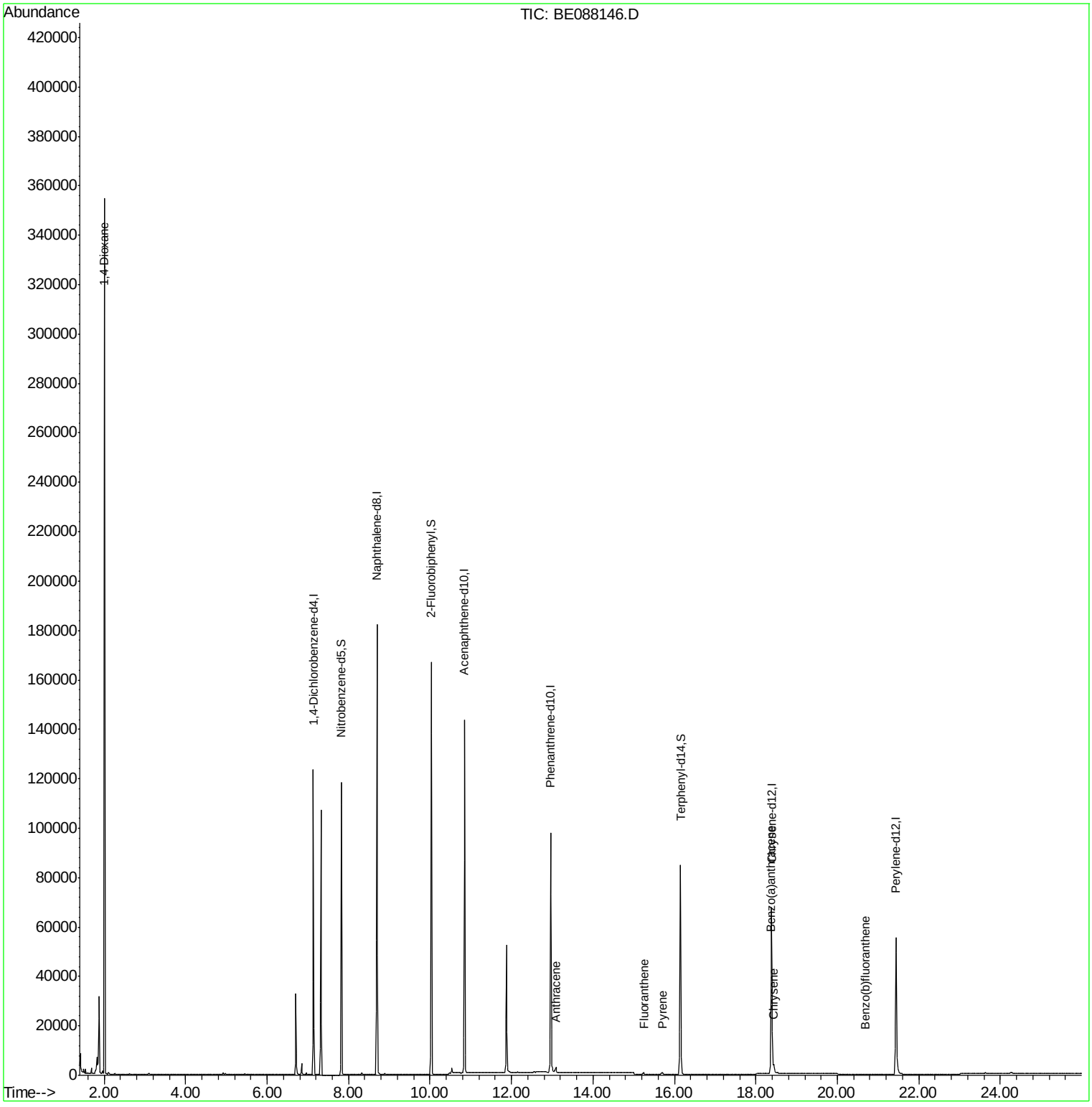
(#) = qualifier out of range (m) = manual integration (+) = signals summed

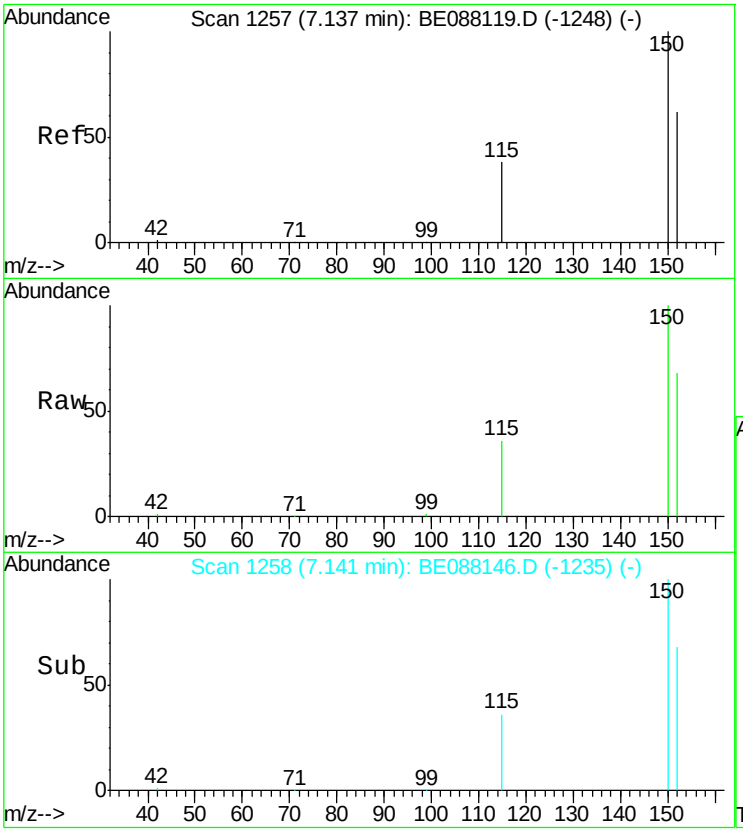
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088146.D
Acq On : 21 Oct 2014 17:27
Operator : TP/JJ
Sample : F4351-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Quant Time: Oct 22 04:37:57 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



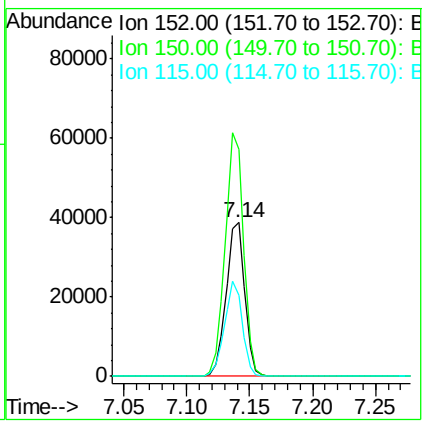


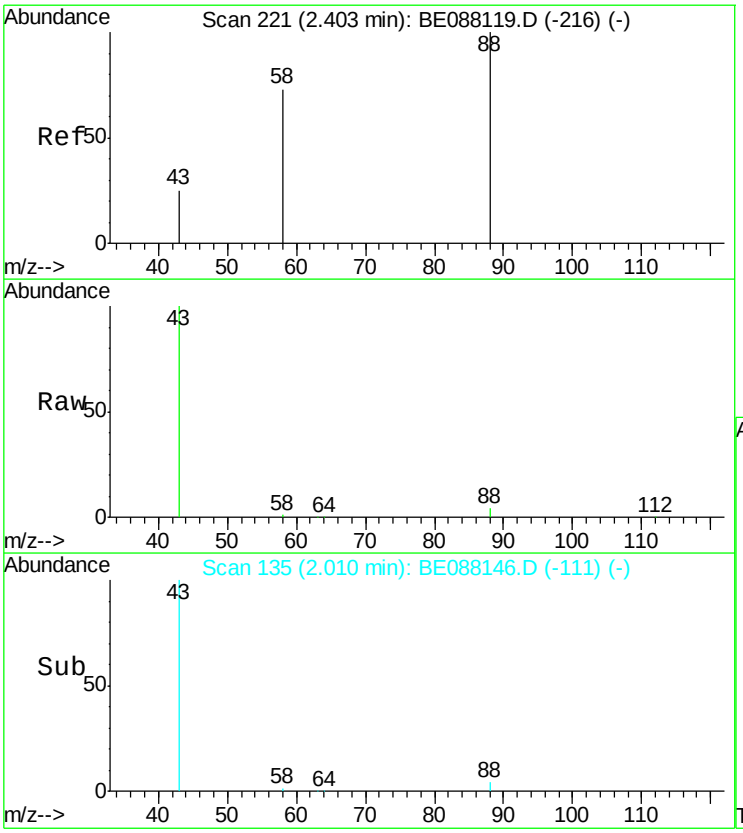
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:152 Resp: 39672

Ion	Ratio	Lower	Upper
152	100		
150	147.8	129.2	193.8
115	52.6	49.3	73.9

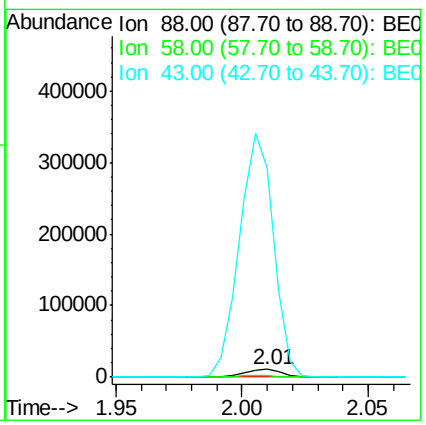


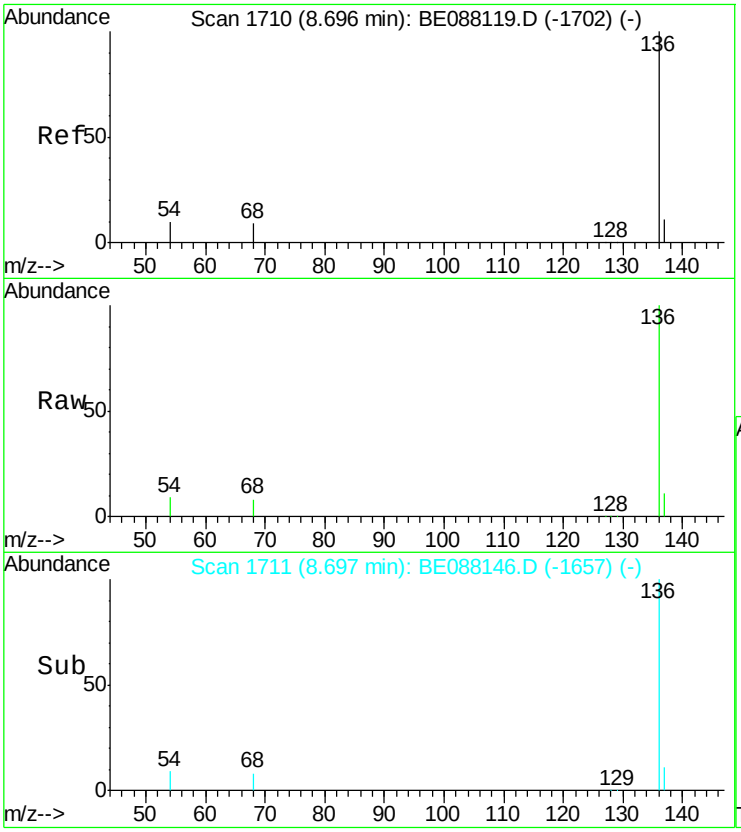


#2
1,4-Dioxane
Concen: 1.89 ng
RT: 2.01 min Scan# 135
Delta R.T. -0.39 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion: 88 Resp: 10766

Ion	Ratio	Lower	Upper
88	100		
58	27.6	59.5	89.3#
43	2965.9	21.2	31.8#



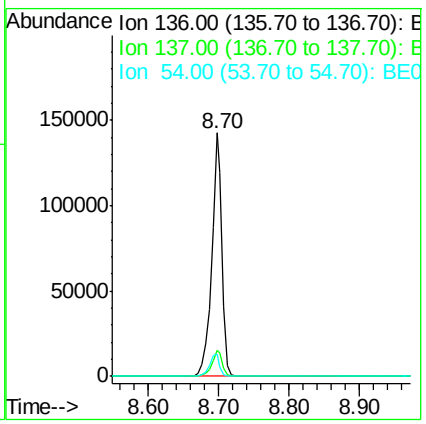


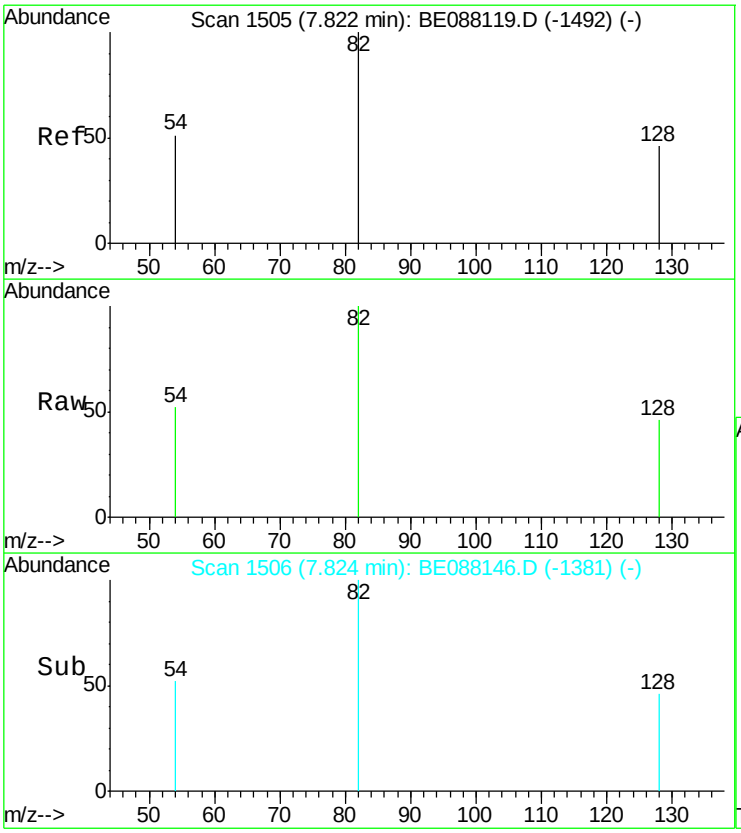
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:136 Resp: 148285

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.0	7.7	11.5

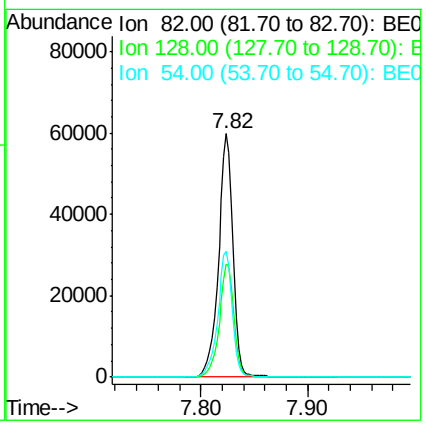


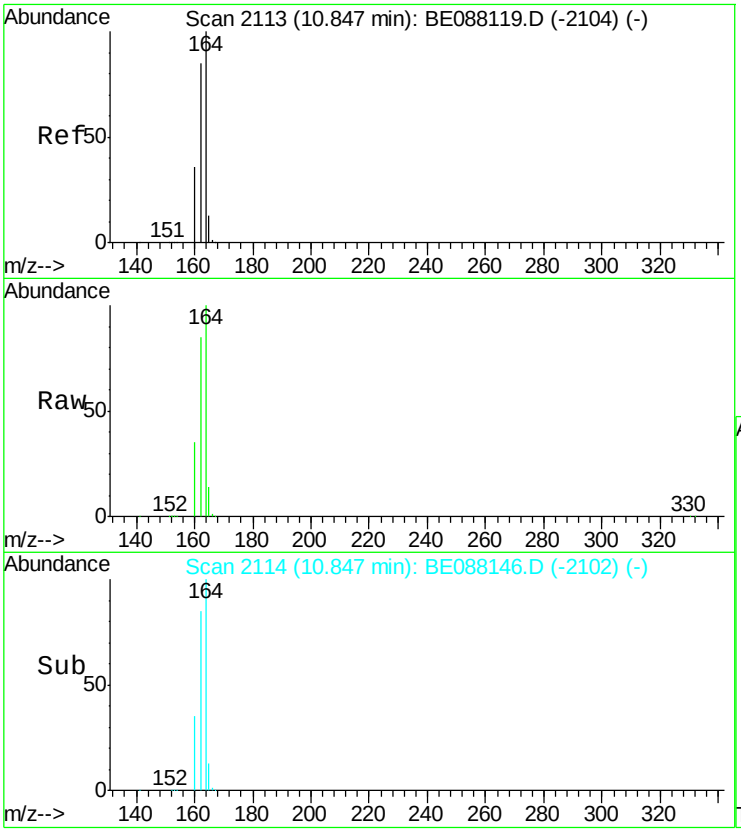


#4
Nitrobenzene-d5
Concen: 5.31 ng
RT: 7.82 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion: 82 Resp: 56748

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.1	55.7
54	51.8	41.1	61.7



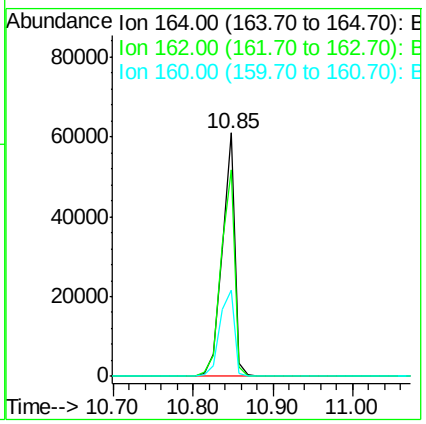


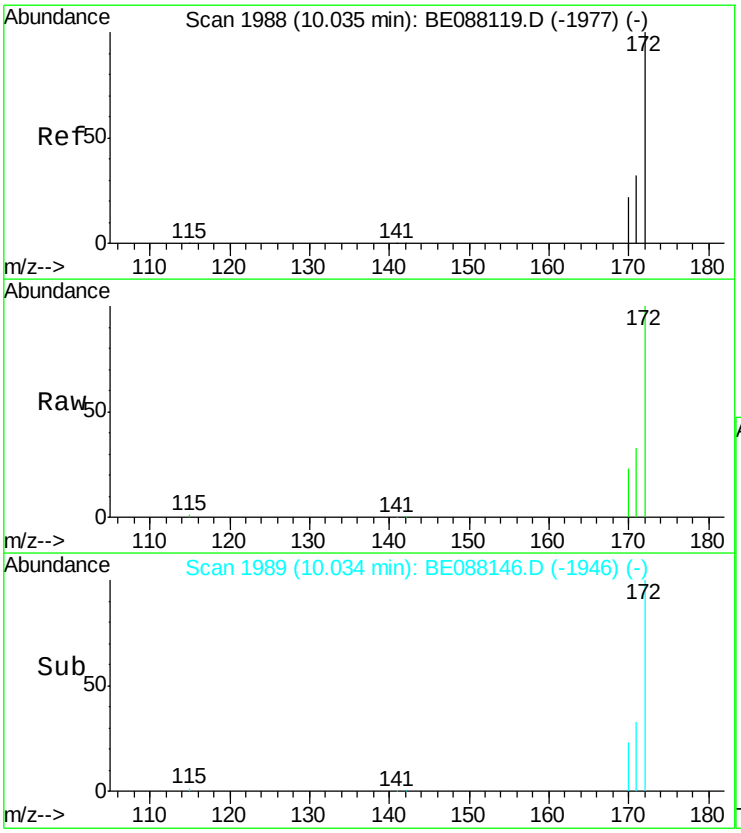
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:164 Resp: 67844

Ion	Ratio	Lower	Upper
164	100		
162	84.6	68.3	102.5
160	35.4	28.7	43.1

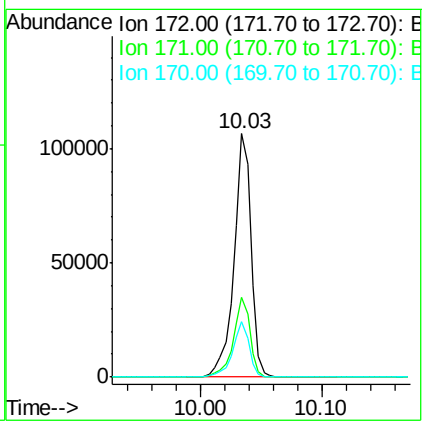


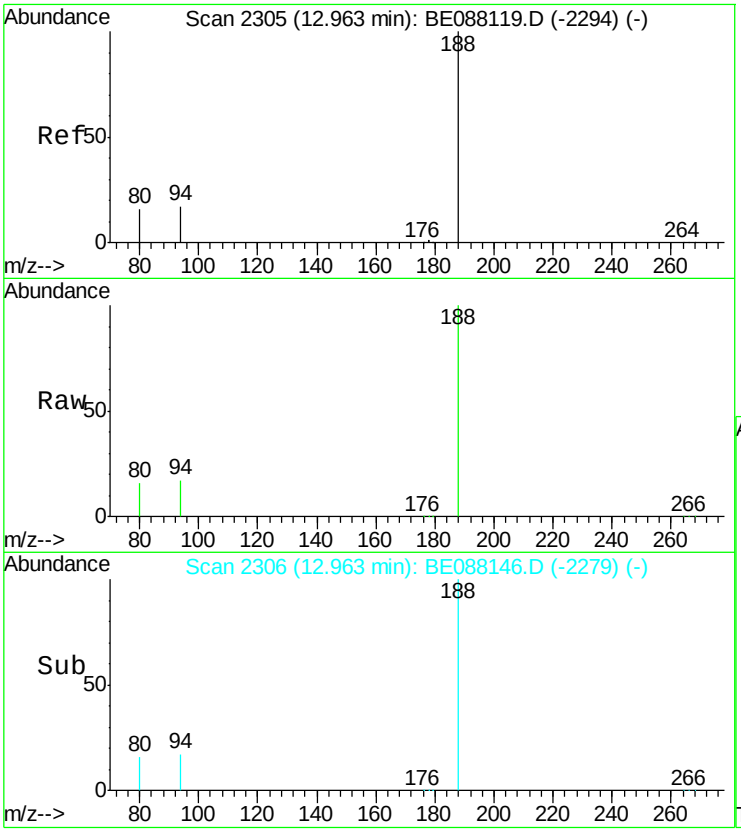


#8
2-Fluorobiphenyl
Concen: 5.56 ng
RT: 10.03 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion:172 Resp: 104131

Ion	Ratio	Lower	Upper
172	100		
171	33.0	25.4	38.2
170	22.9	17.4	26.2



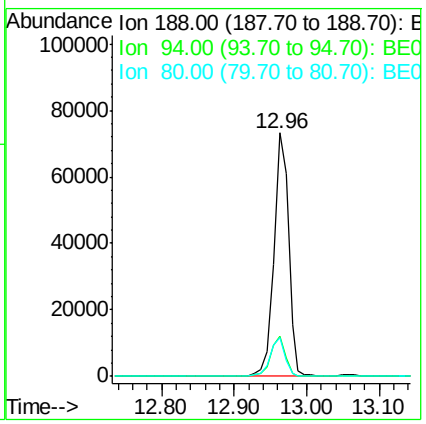


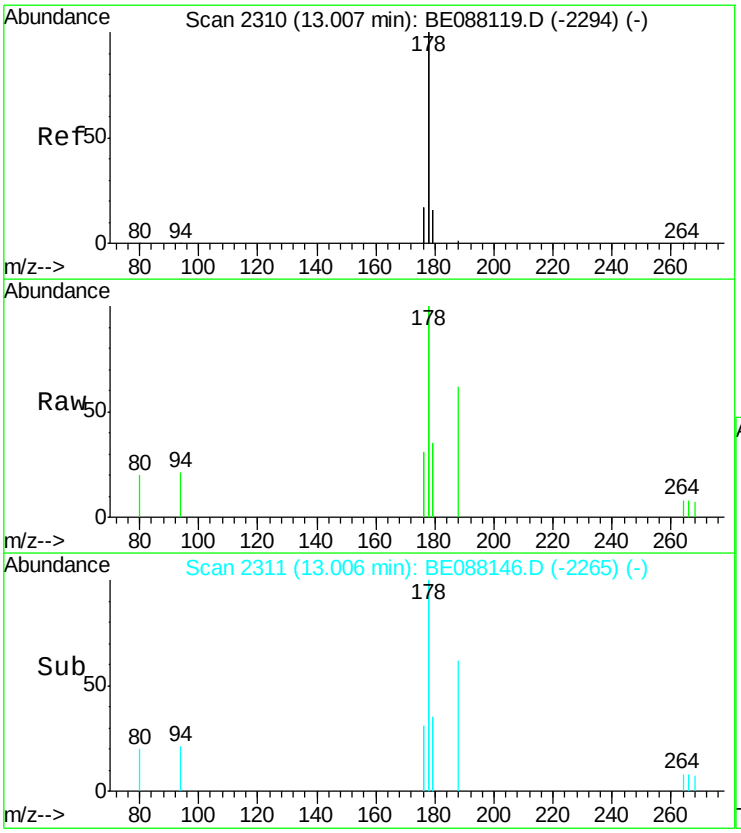
#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:188 Resp: 122076

Ion	Ratio	Lower	Upper
188	100		
94	16.7	13.9	20.9
80	15.8	12.9	19.3

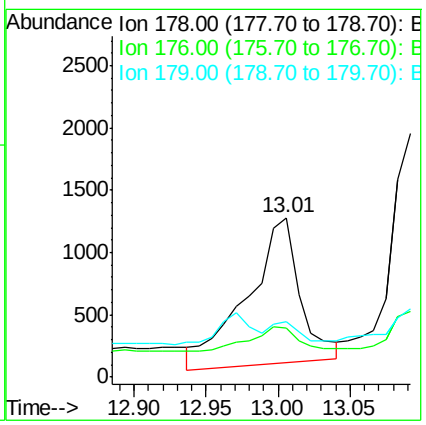


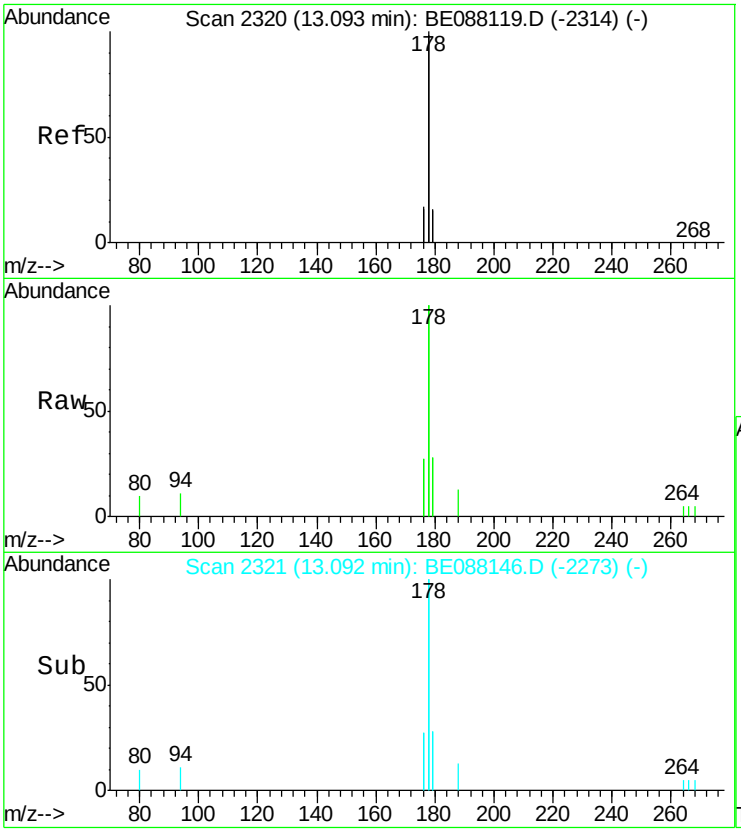


#13
Phenanthrene
Concen: Below Cal
RT: 13.01 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion:178 Resp: 3009

Ion	Ratio	Lower	Upper
178	100		
176	34.8	12.5	18.7#
179	0.0	13.5	20.3#



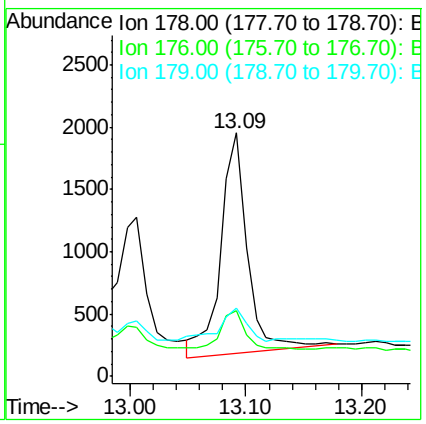


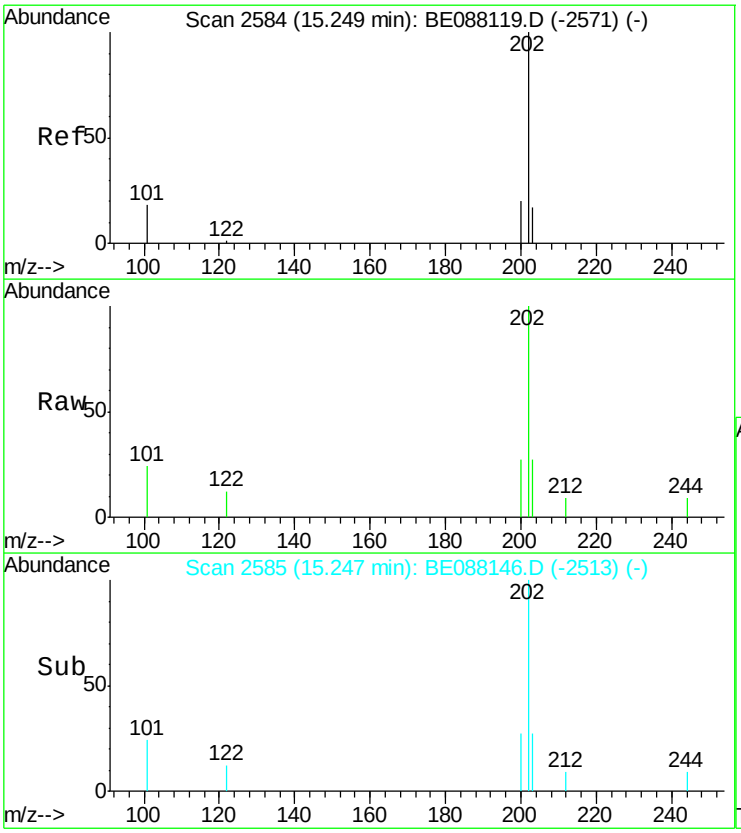
#14
Anthracene
Concen: 0.03 ng
RT: 13.09 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:178 Resp: 2837

Ion	Ratio	Lower	Upper
178	100		
176	23.1	14.6	21.8#
179	11.0	12.5	18.7#

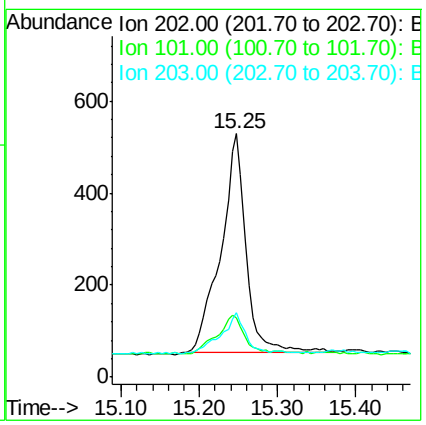


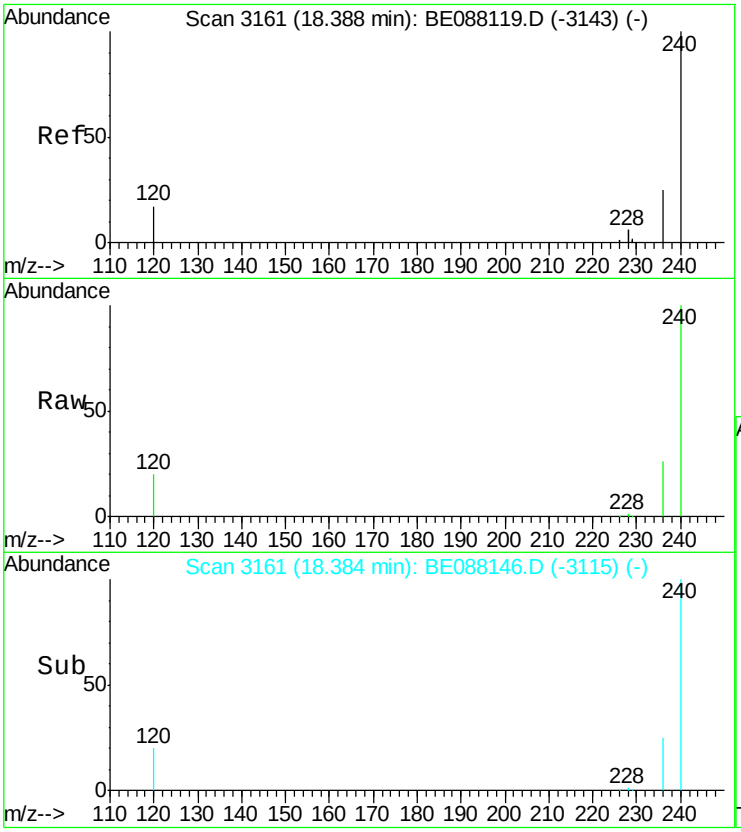


#15
Fluoranthene
Concen: 0.05 ng
RT: 15.25 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion:202 Resp: 1074

Ion	Ratio	Lower	Upper
202	100		
101	19.3	14.8	22.2
203	15.6	13.5	20.3



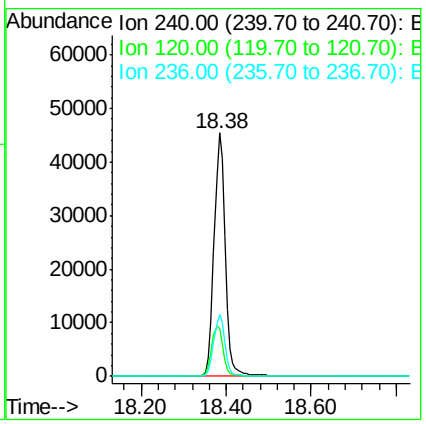


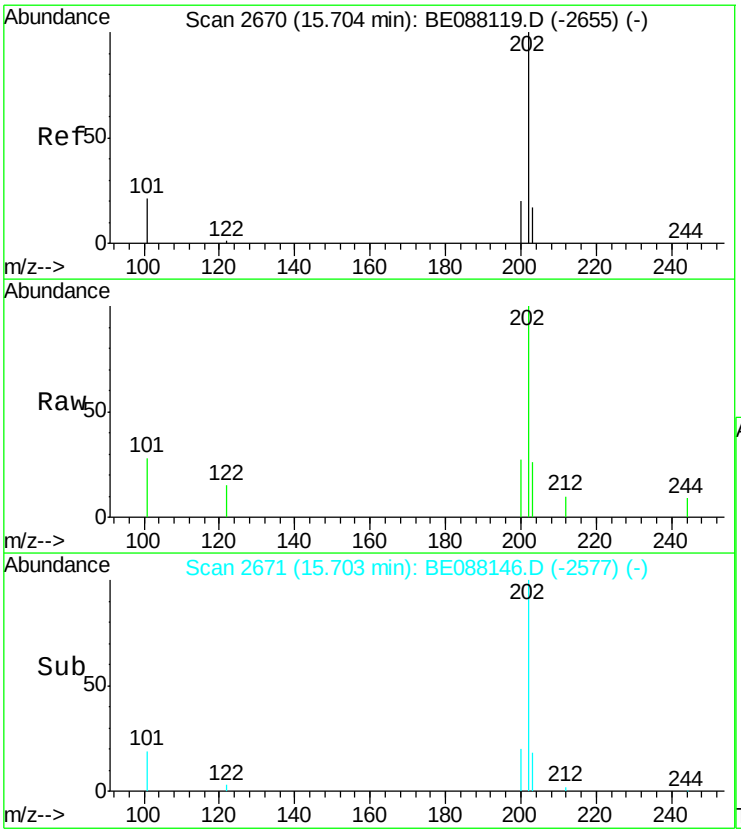
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:240 Resp: 82299

Ion	Ratio	Lower	Upper
240	100		
120	19.6	13.9	20.9
236	25.5	19.9	29.9

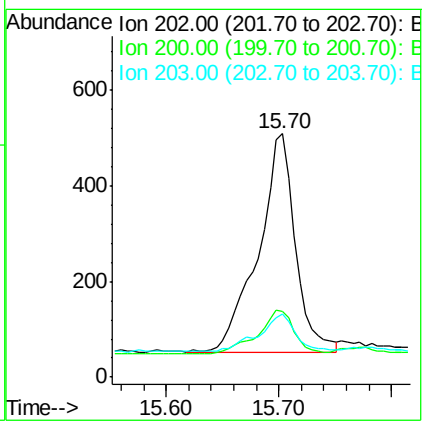


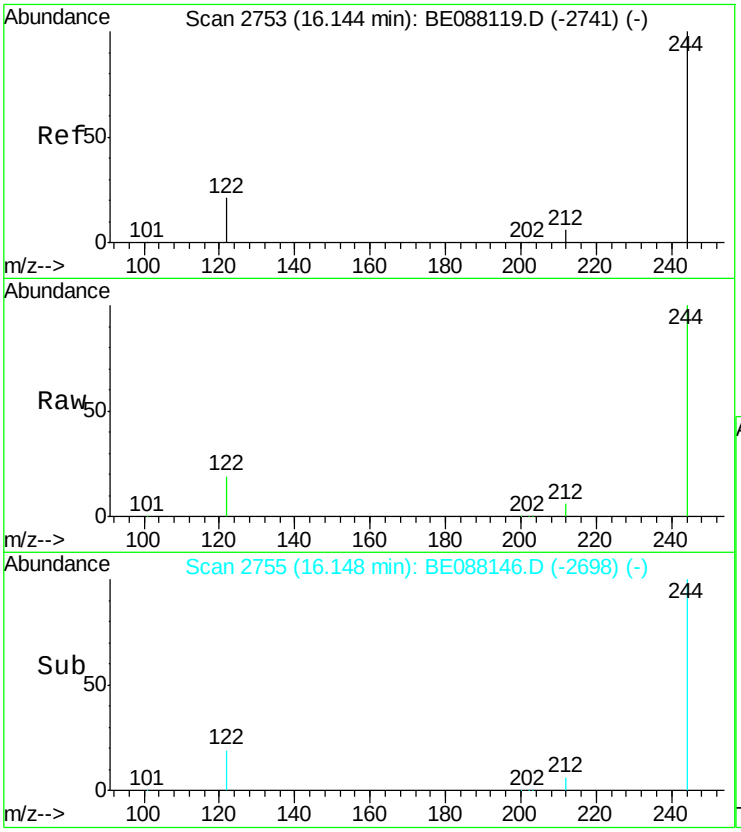


#17
Pyrene
Concen: 0.05 ng
RT: 15.70 min Scan# 2671
Delta R.T. -0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion:202 Resp: 1054

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	16.6	13.9	20.9



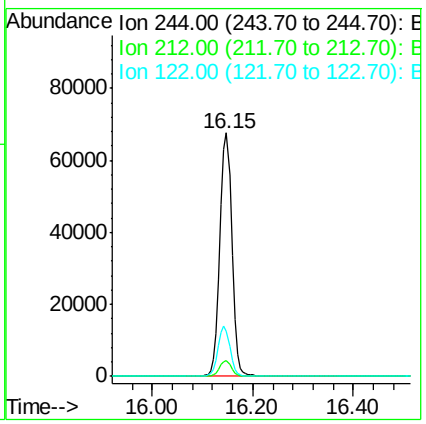


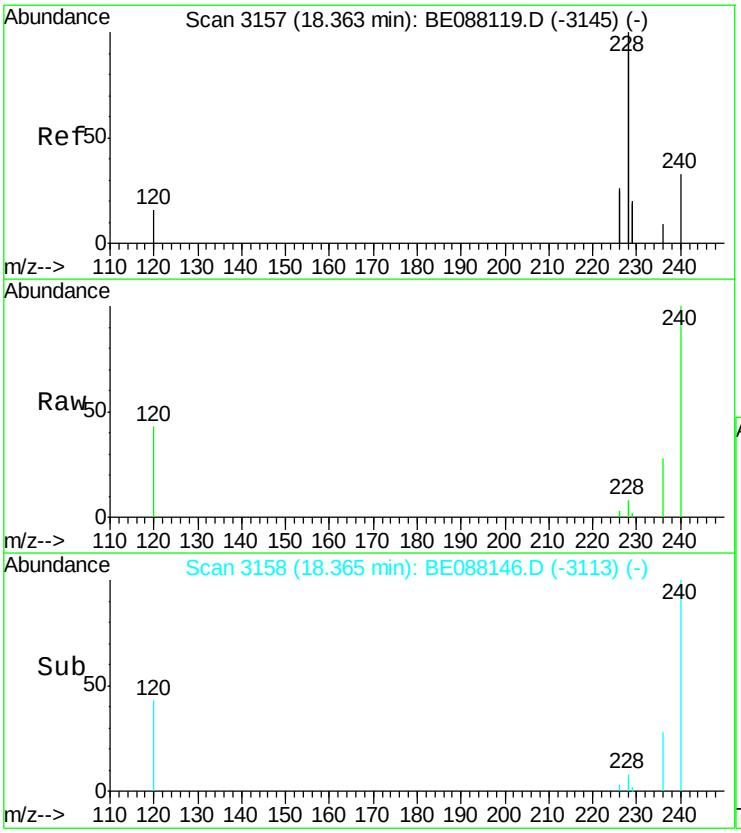
#18
Terphenyl-d14
Concen: 8.23 ng
RT: 16.15 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:244 Resp: 108949

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	18.7	17.5	26.3

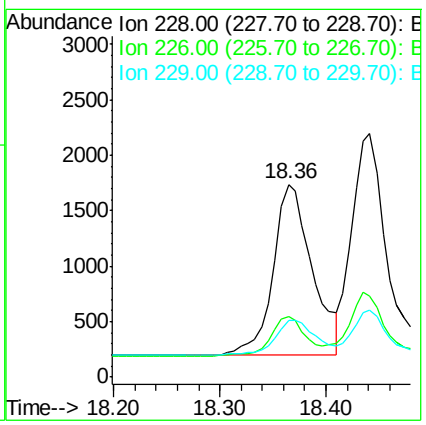


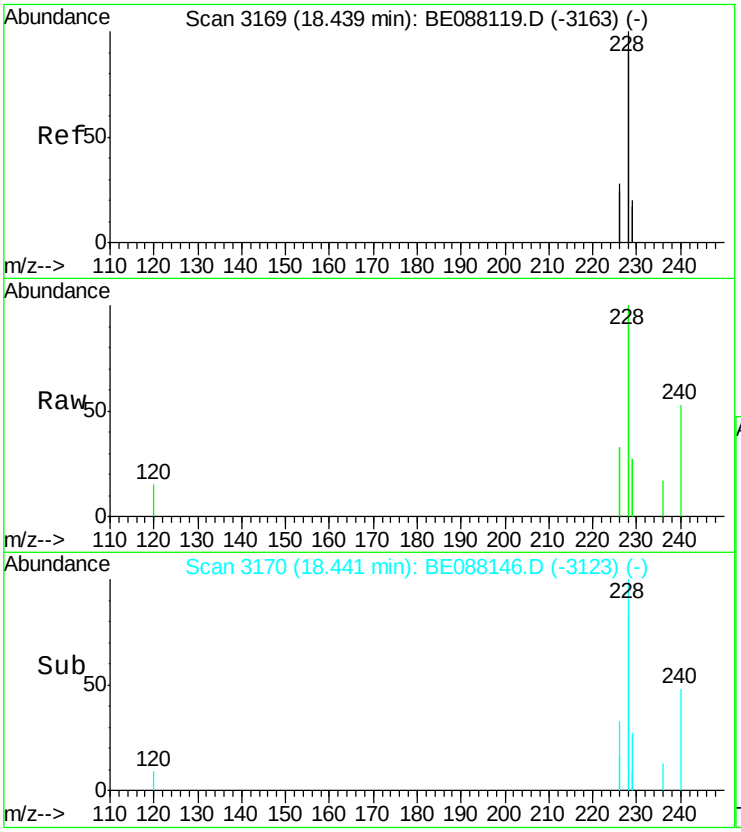


#19
Benzo(a)anthracene
Concen: 0.05 ng
RT: 18.36 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion:228 Resp: 3963

Ion	Ratio	Lower	Upper
228	100		
226	31.5	20.8	31.2#
229	29.4	15.6	23.4#



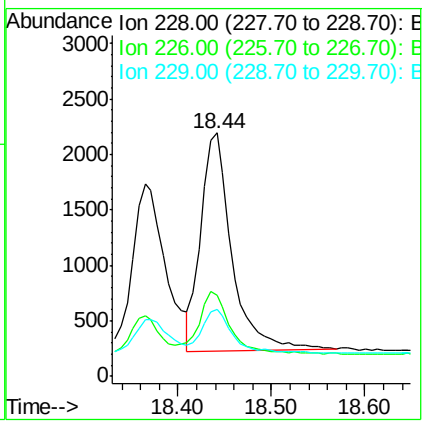


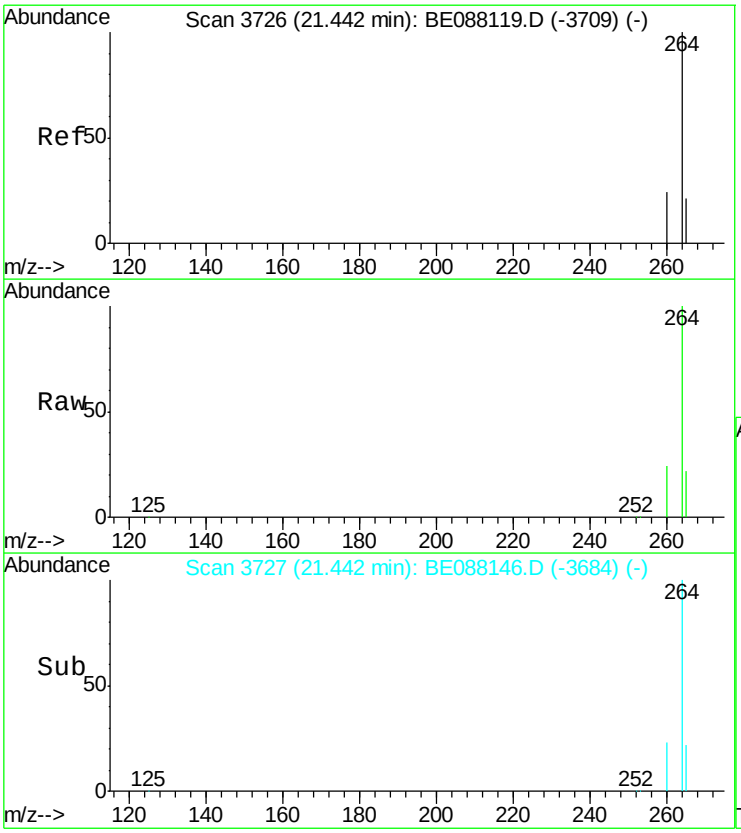
#20
Chrysene
Concen: 0.06 ng
RT: 18.44 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:228 Resp: 4540

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.7	34.1
229	27.4	15.8	23.6#

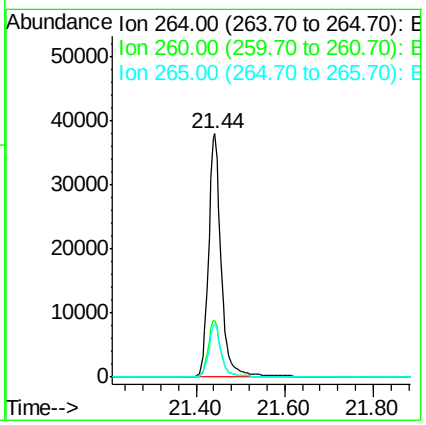


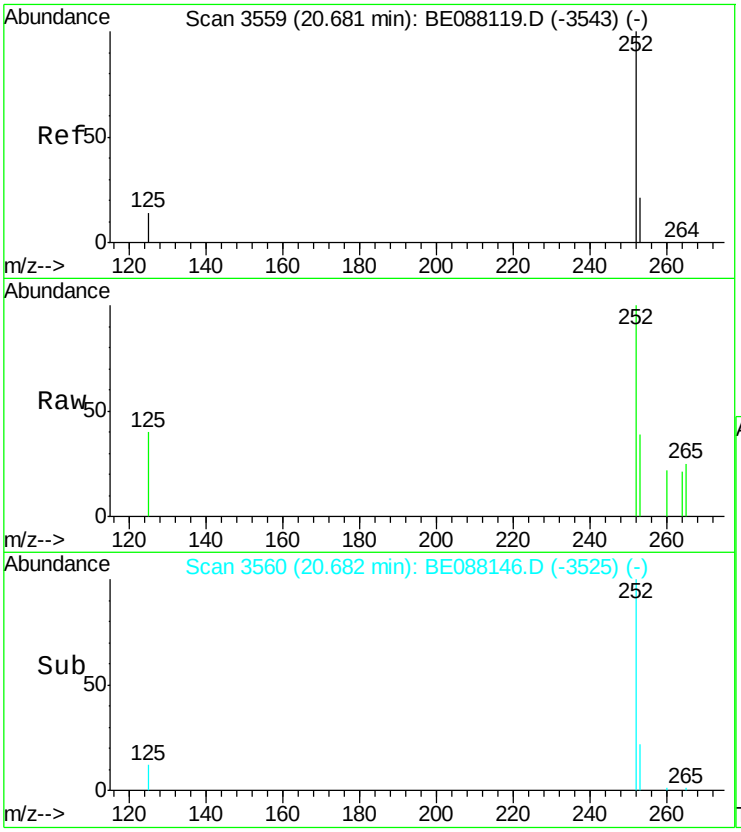


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Tgt Ion:264 Resp: 75300

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.9	17.2	25.8





#23
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 20.68 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BE088146.D
Acq: 21 Oct 2014 17:27

Instrument :
BNA_E
ClientSampleId :
YS19-SW02-1014

Tgt Ion:252 Resp: 430

Ion	Ratio	Lower	Upper
252	100		
253	39.2	17.4	26.0#
125	40.1	11.8	17.8#