Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088148.D
Acq On : 21 Oct 2014 18:32
Operator : TP/JJ
Sample : F4351-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SW05-1014

Quant Time: Oct 22 04:38:17 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	35951	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	133662	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	59273	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	110385	5.00	ng		0.00
16) Chrysene-d12	18.38	240	77800	5.00	ng		0.00
22) Perylene-d12	21.44	264	73263	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.83	82	71036	7.37	ng		0.00
8) 2-Fluorobiphenyl	10.04	172	117928	7.20	ng		0.00
18) Terphenyl-d14	16.15	244	111524	8.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	12594	2.43	ng	#	1
10) Acenaphthene	10.88	154	327	0.02	ng		95
13) Phenanthrene	13.00	178	3543	Below Cal		#	62
14) Anthracene	13.09	178	3370	0.04	ng		95
15) Fluoranthene	15.25	202	1173	0.06	ng		97
17) Pyrene	15.70	202	1108	0.05	ng		99
19) Benzo(a)anthracene	18.36	228	4069	0.06	ng	#	85
20) Chrysene	18.44	228	4915	0.07	ng	#	87
23) Benzo(b)fluoranthene	20.68	252	495	0.03	ng	#	57
24) Benzo(k)fluoranthene	20.74	252	574	0.03	ng	#	52

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088148.D
Acq On : 21 Oct 2014 18:32
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Sample : F4351-07
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 22 04:38:17 2014
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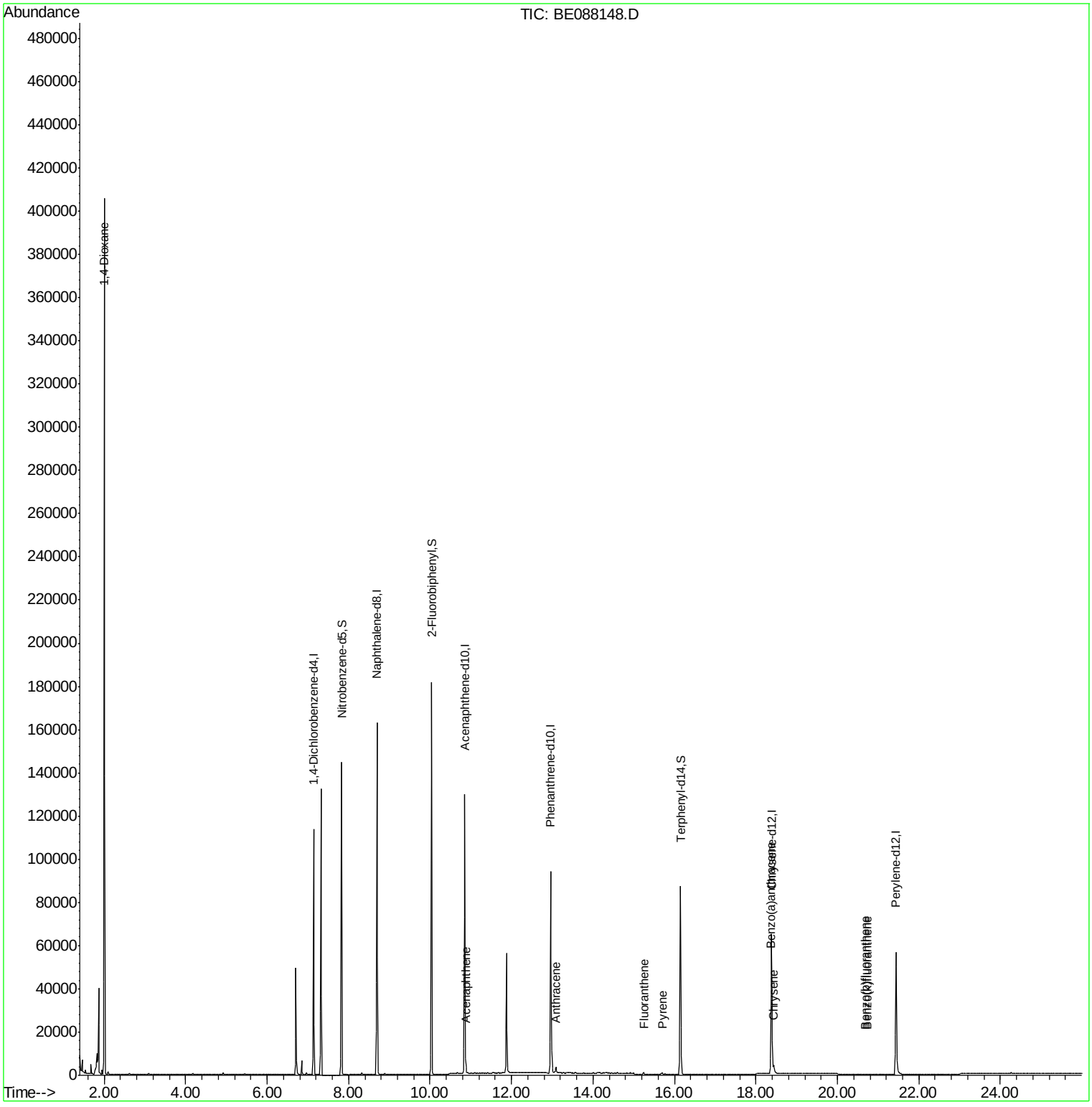
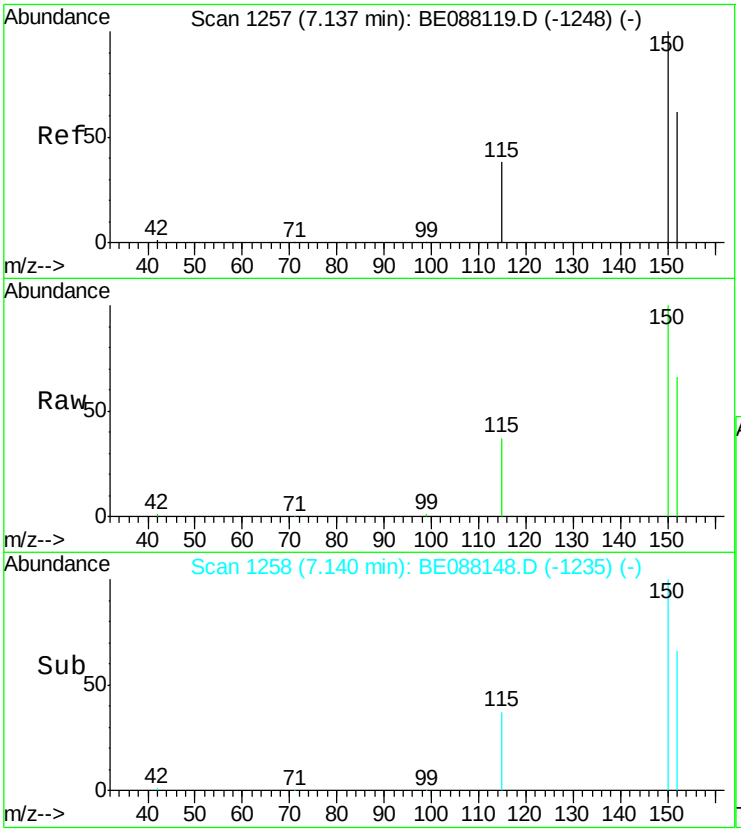
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:11:14 2014
Response via : Initial Calibration



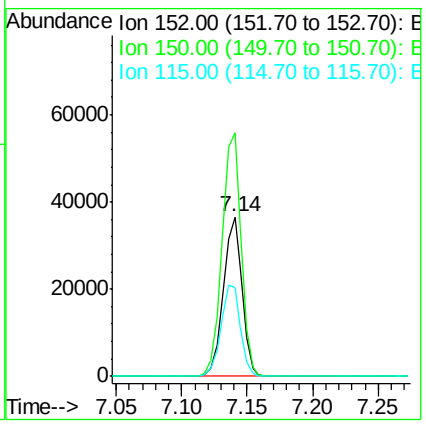


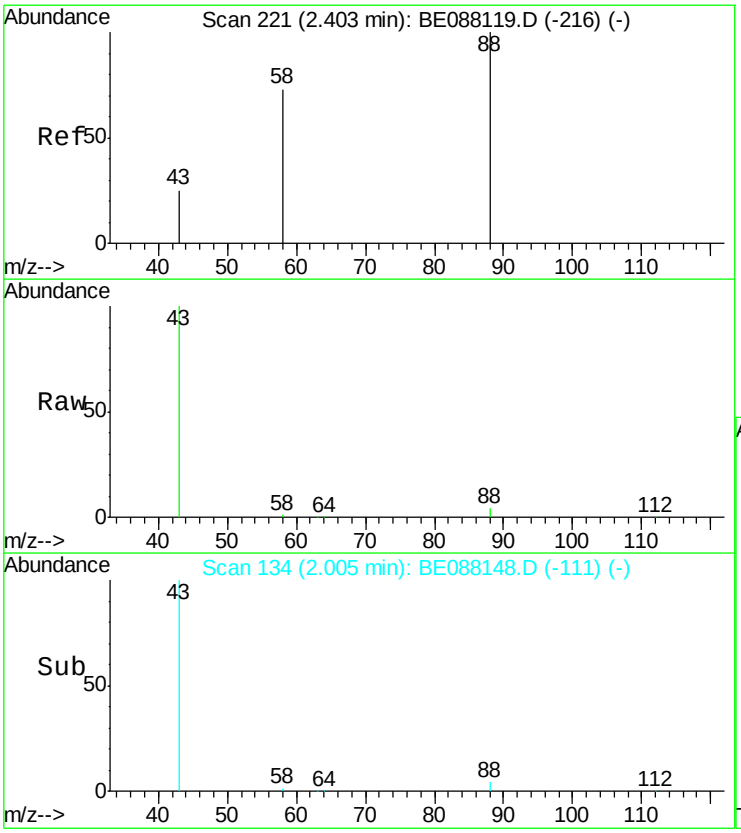
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:152 Resp: 35951

Ion	Ratio	Lower	Upper
152	100		
150	152.5	129.2	193.8
115	55.8	49.3	73.9

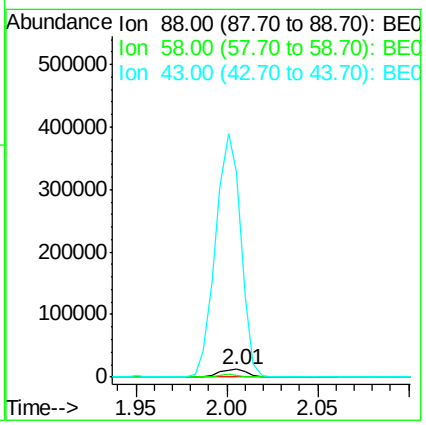


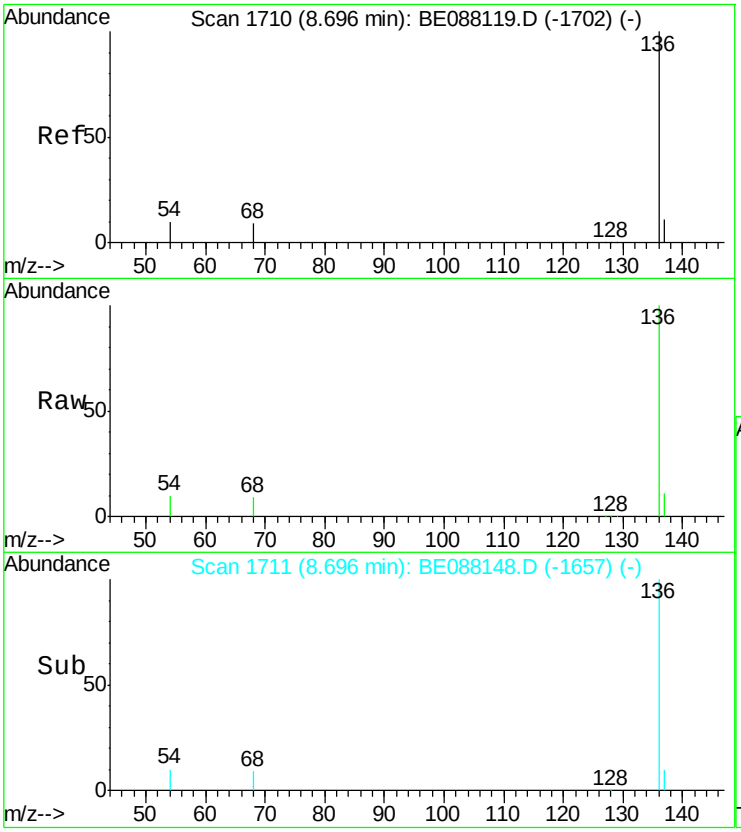


#2
1,4-Dioxane
Concen: 2.43 ng
RT: 2.01 min Scan# 134
Delta R.T. -0.40 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion: 88 Resp: 12594

Ion	Ratio	Lower	Upper
88	100		
58	27.9	59.5	89.3#
43	2976.3	21.2	31.8#



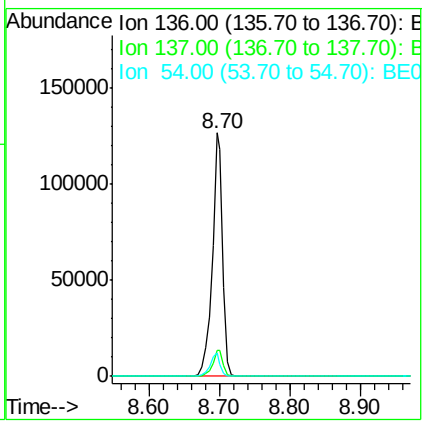


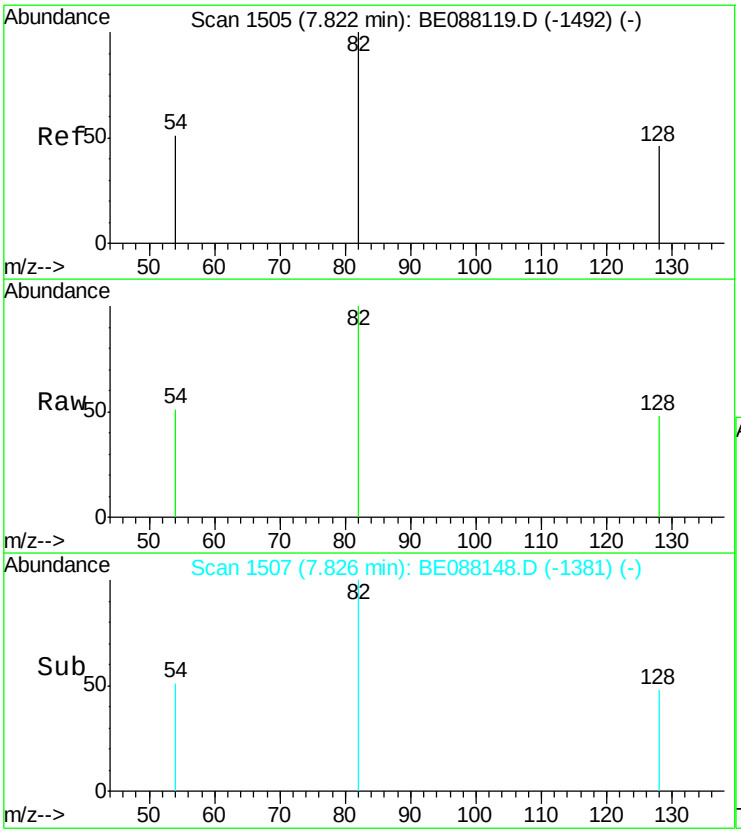
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:136 Resp: 133662

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.7	7.7	11.5

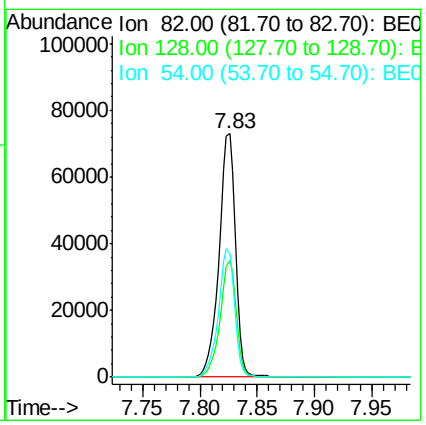


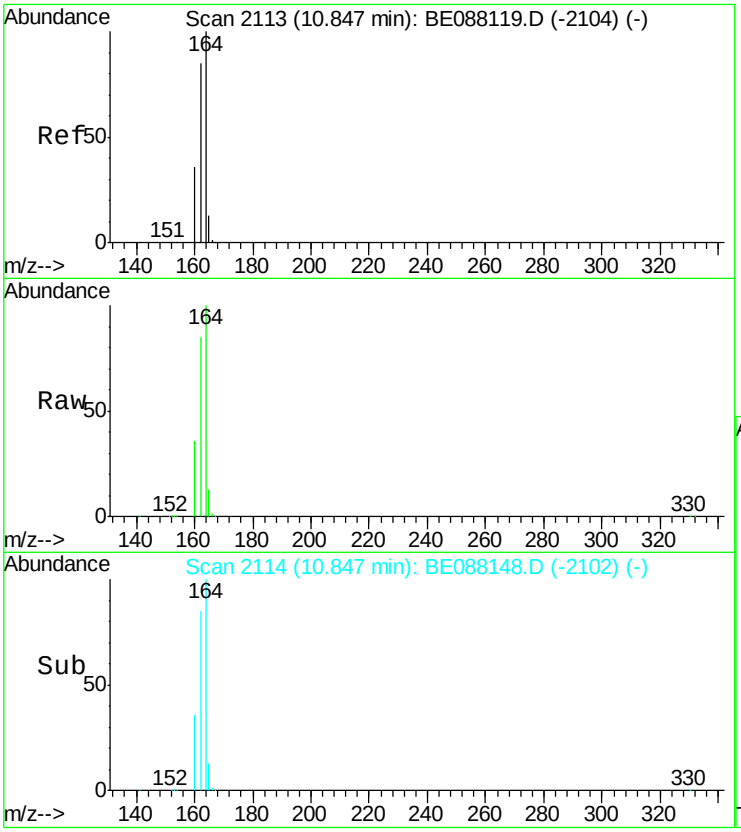


#4
Nitrobenzene-d5
Concen: 7.37 ng
RT: 7.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion: 82 Resp: 71036

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.1	55.7
54	50.7	41.1	61.7



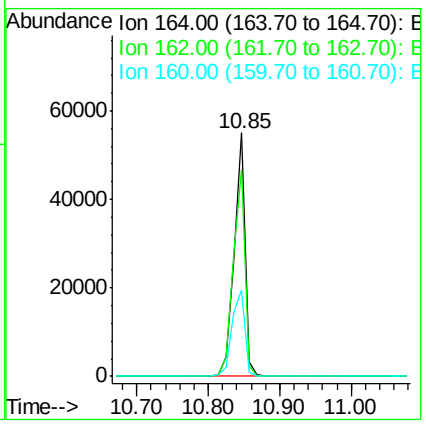


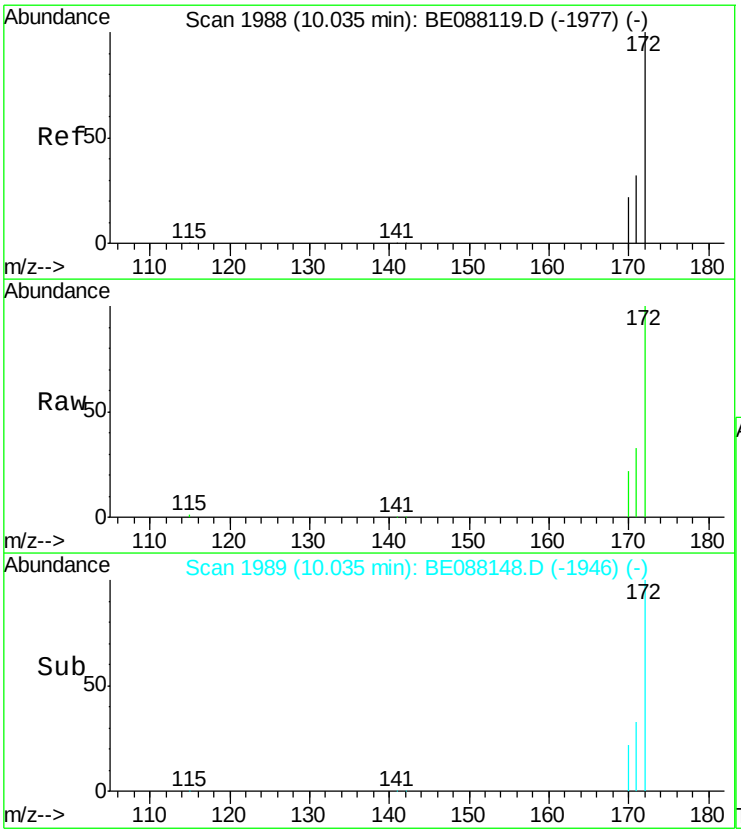
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:164 Resp: 59273

Ion	Ratio	Lower	Upper
164	100		
162	84.6	68.3	102.5
160	35.6	28.7	43.1

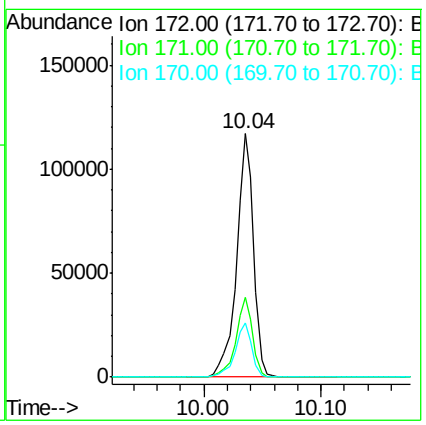


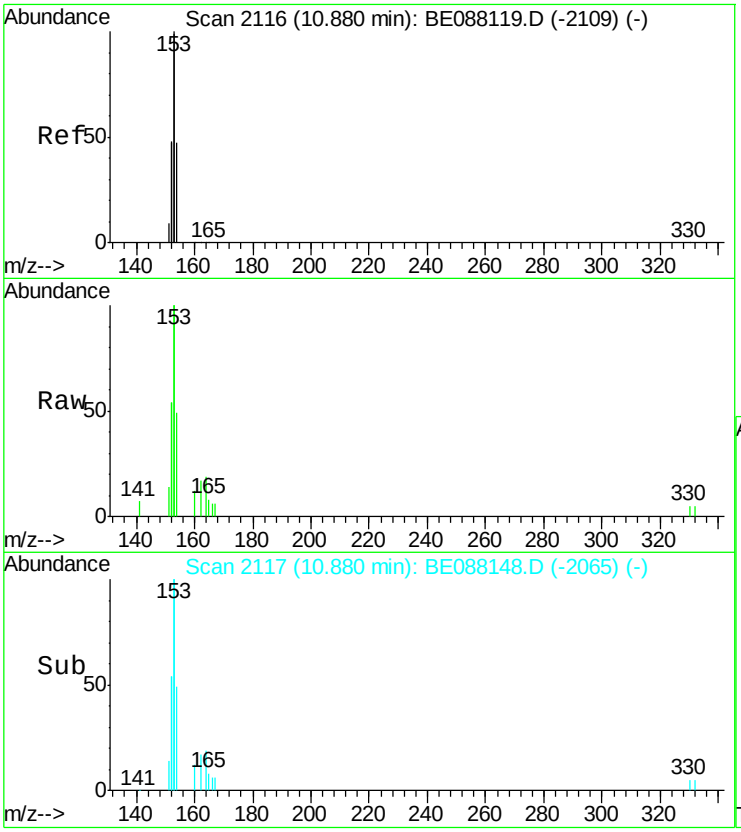


#8
2-Fluorobiphenyl
Concen: 7.20 ng
RT: 10.04 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion:172 Resp: 117928

Ion	Ratio	Lower	Upper
172	100		
171	32.6	25.4	38.2
170	22.3	17.4	26.2



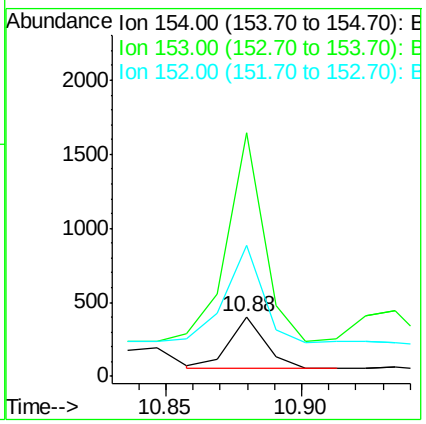


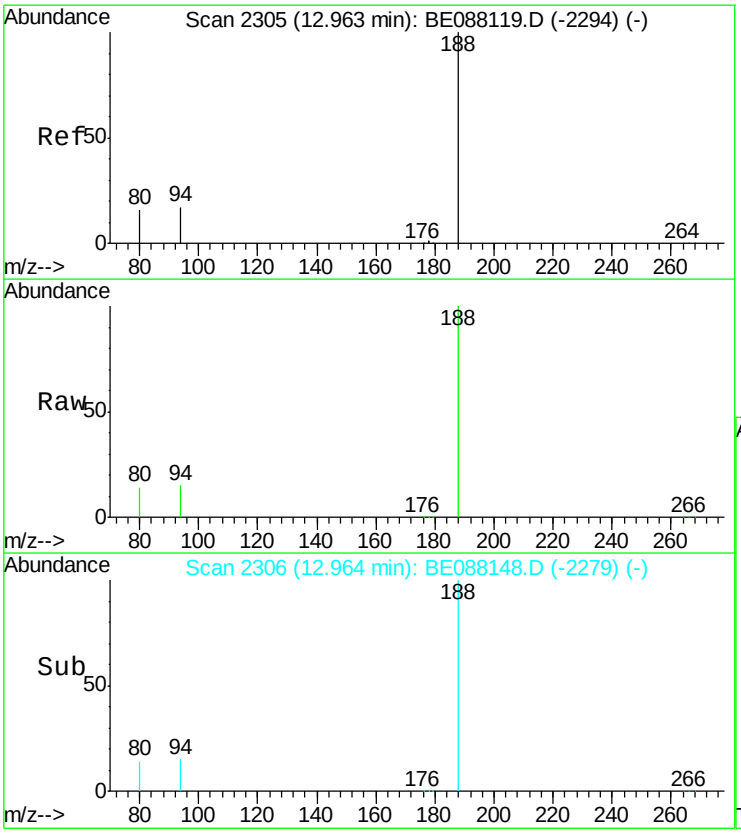
#10
Acenaphthene
Concen: 0.02 ng
RT: 10.88 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:154 Resp: 327

Ion	Ratio	Lower	Upper
154	100		
153	411.3	327.8	491.6
152	215.9	157.6	236.4

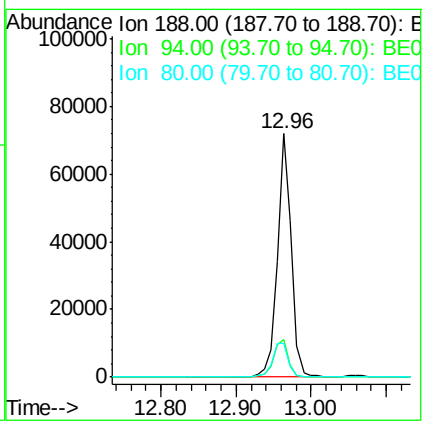


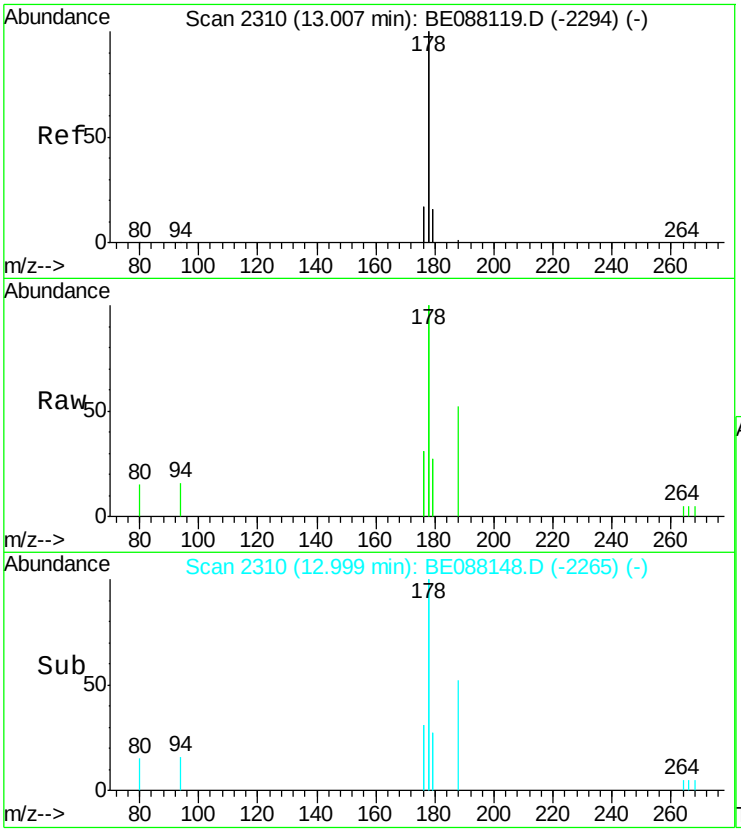


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion:188 Resp: 110385

Ion	Ratio	Lower	Upper
188	100		
94	15.2	13.9	20.9
80	14.0	12.9	19.3



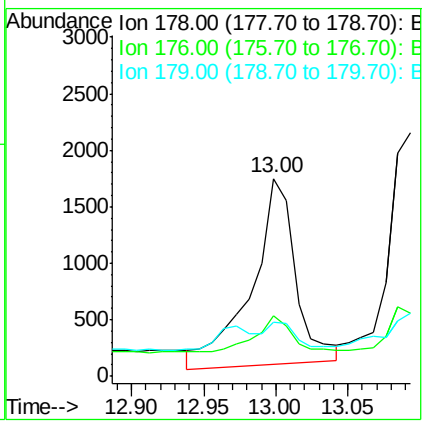


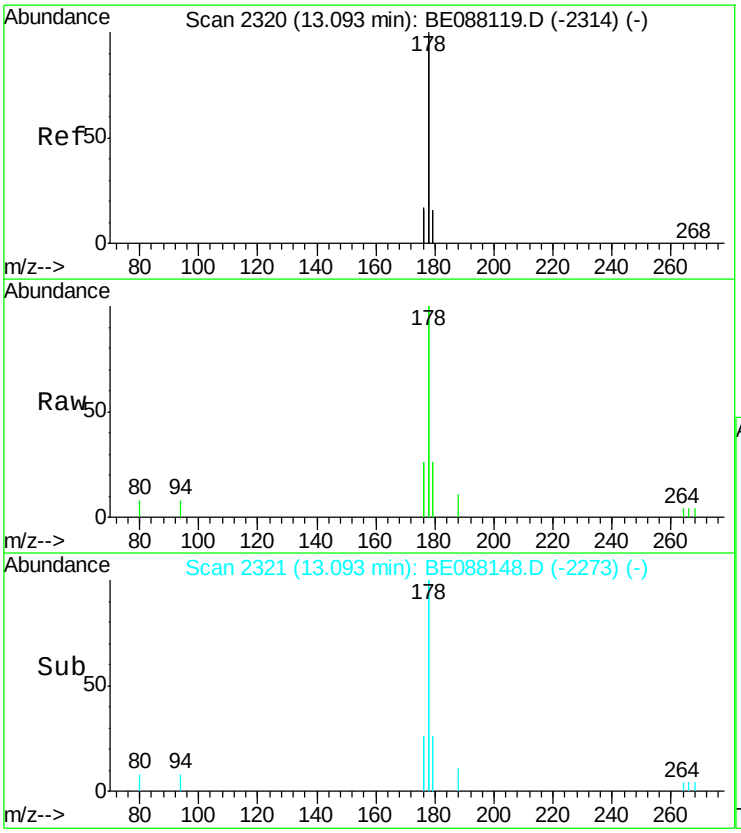
#13
Phenanthrene
Concen: Below Cal
RT: 13.00 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:178 Resp: 3543

Ion	Ratio	Lower	Upper
178	100		
176	31.1	12.5	18.7#
179	0.0	13.5	20.3#

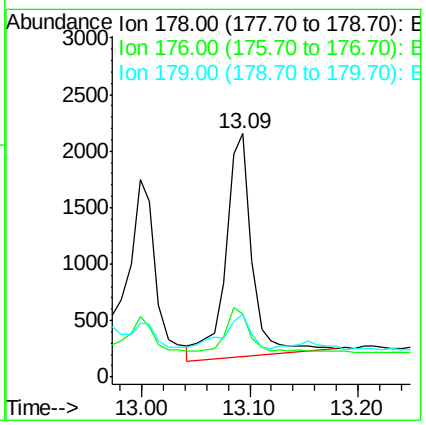


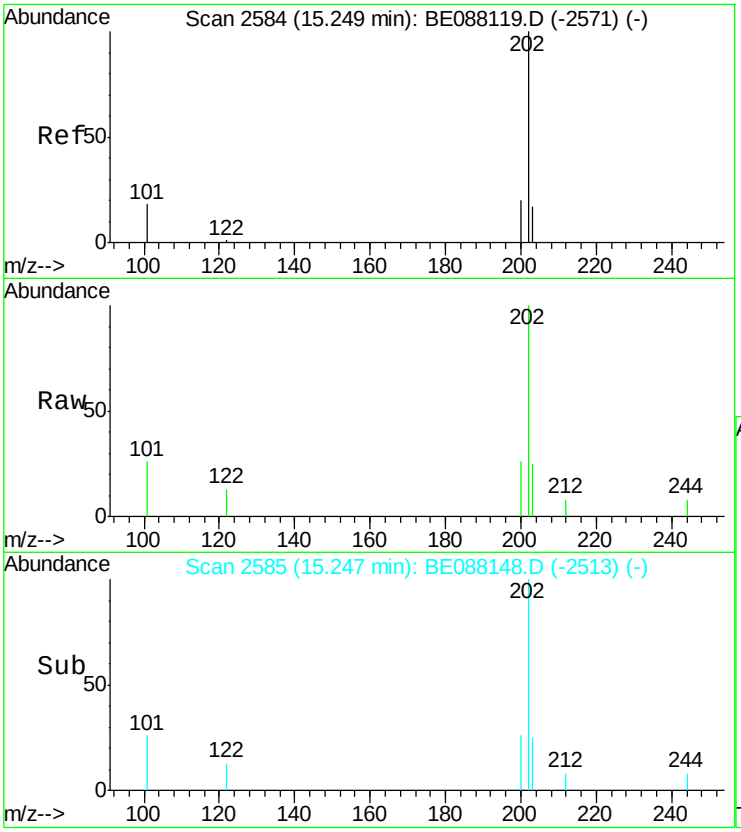


#14
Anthracene
Concen: 0.04 ng
RT: 13.09 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion:178 Resp: 3370

Ion	Ratio	Lower	Upper
178	100		
176	21.7	14.6	21.8
179	14.8	12.5	18.7



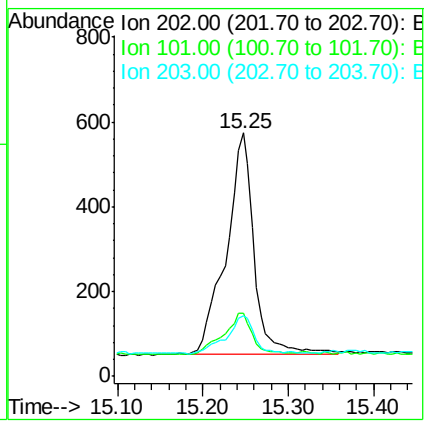


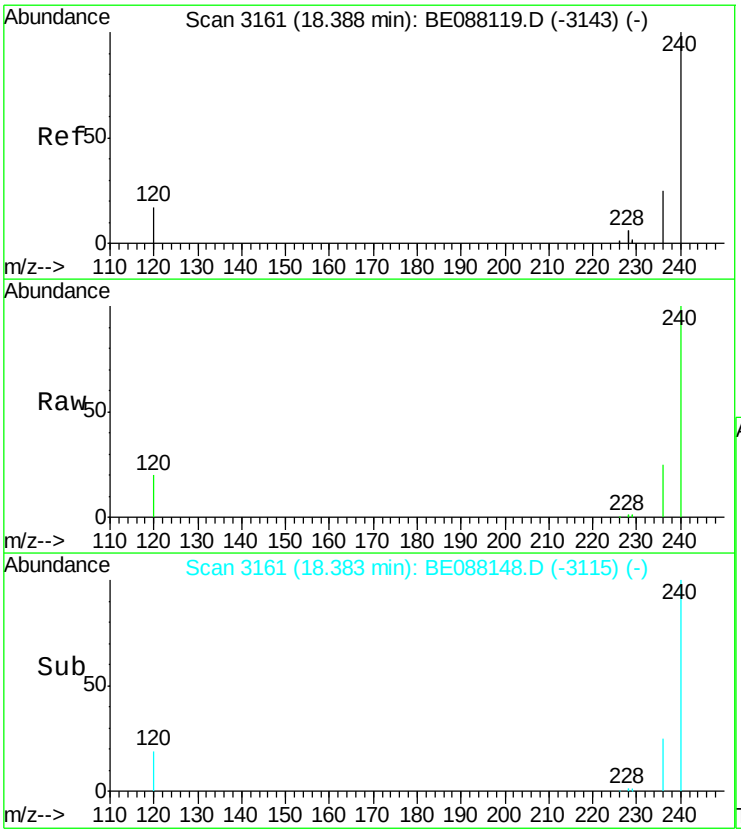
#15
Fluoranthene
Concen: 0.06 ng
RT: 15.25 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:202 Resp: 1173

Ion	Ratio	Lower	Upper
202	100		
101	17.1	14.8	22.2
203	15.4	13.5	20.3

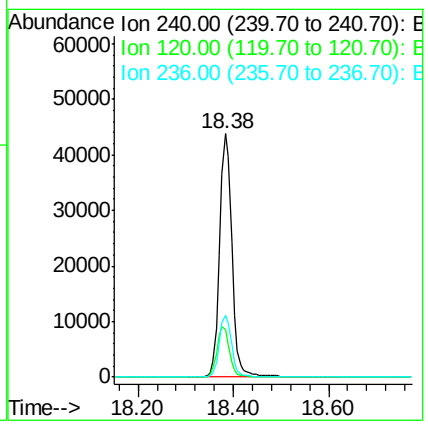


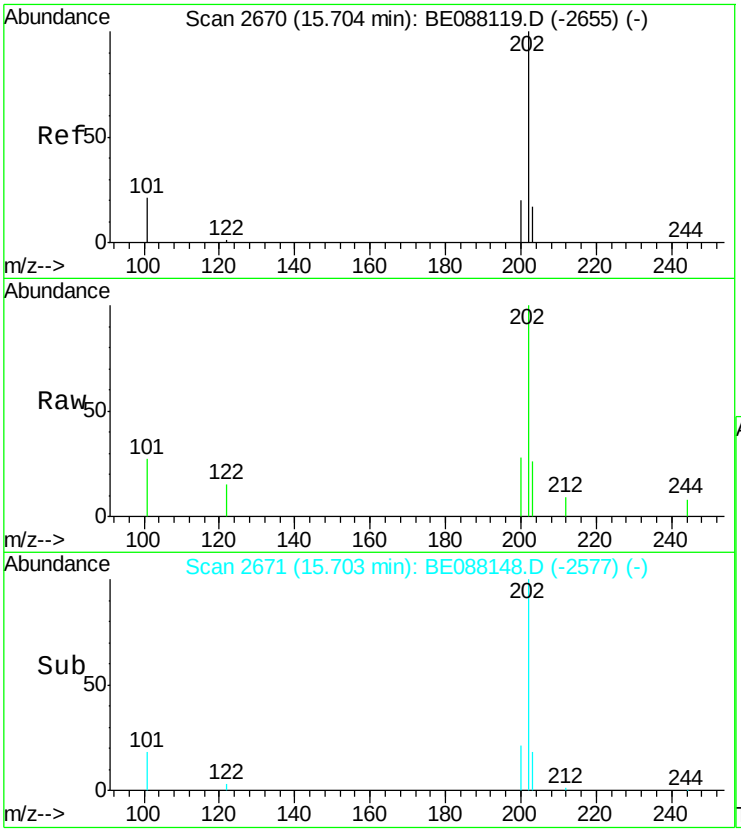


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion:240 Resp: 77800

Ion	Ratio	Lower	Upper
240	100		
120	19.5	13.9	20.9
236	25.4	19.9	29.9



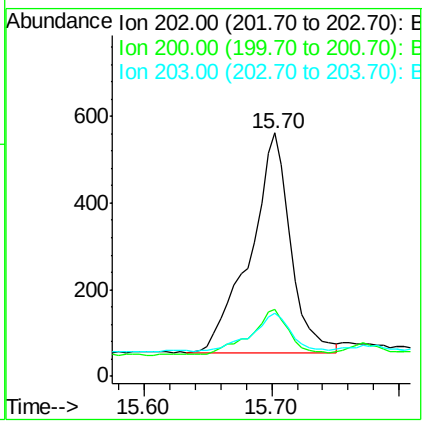


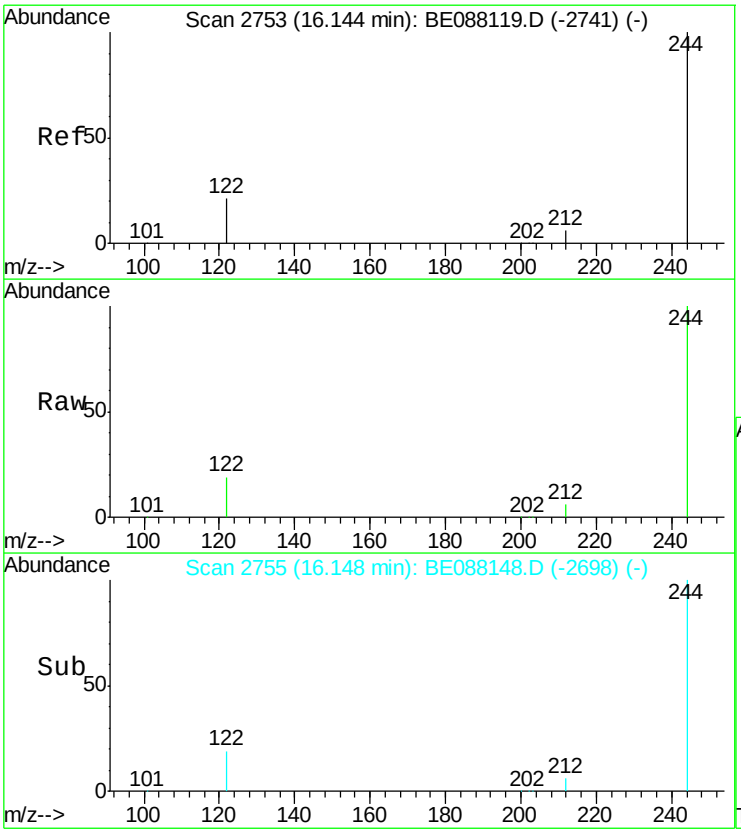
#17
Pyrene
Concen: 0.05 ng
RT: 15.70 min Scan# 2671
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:202 Resp: 1108

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.1	24.1
203	16.7	13.9	20.9

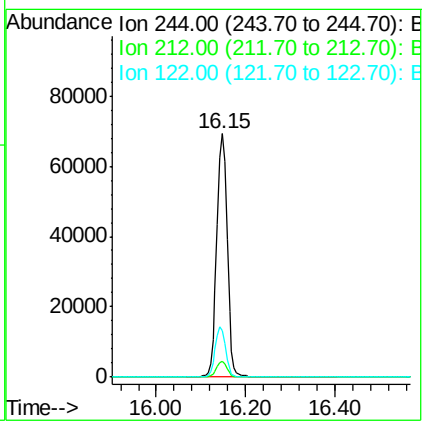


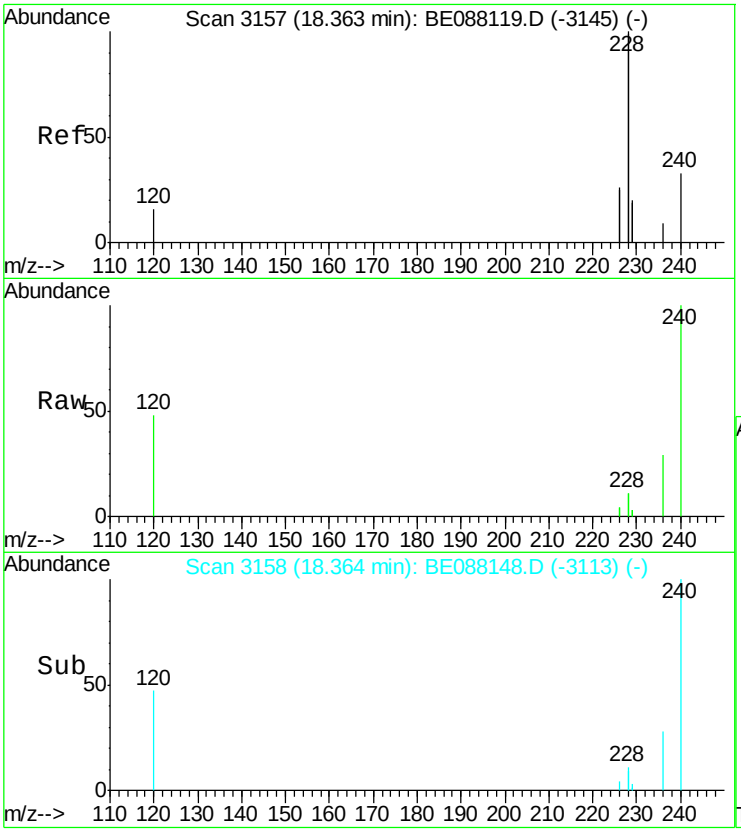


#18
Terphenyl-d14
Concen: 8.91 ng
RT: 16.15 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion:244 Resp: 111524

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	19.4	17.5	26.3



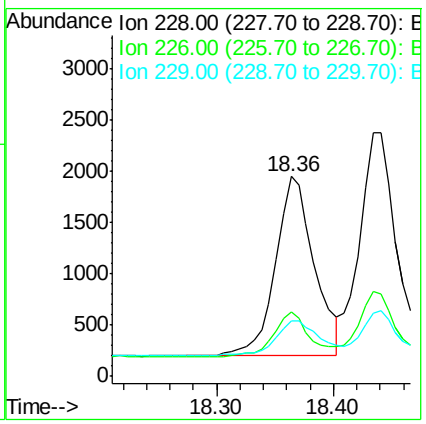


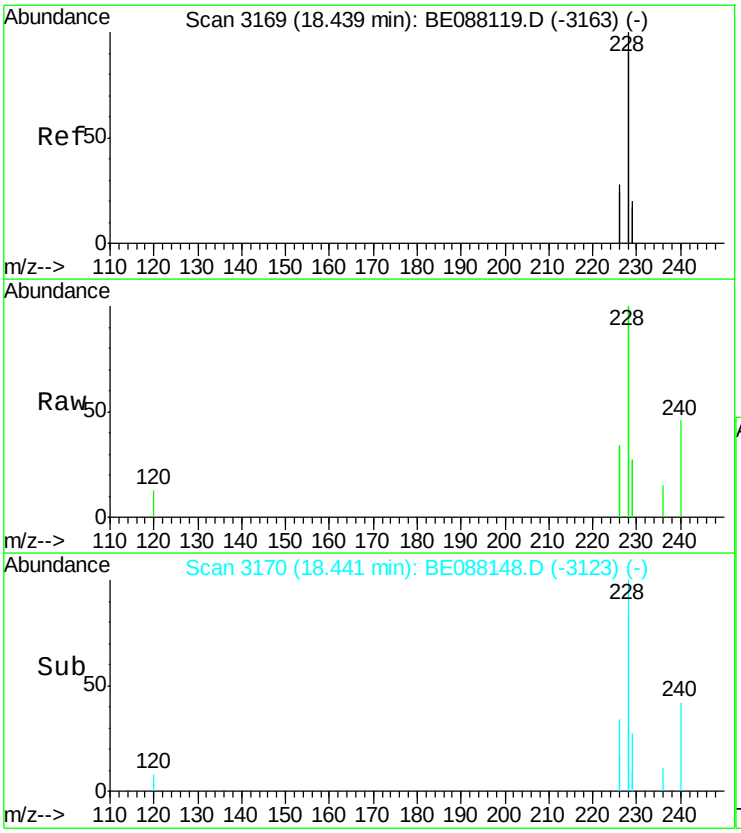
#19
Benzo(a)anthracene
Concen: 0.06 ng
RT: 18.36 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:228 Resp: 4069

Ion	Ratio	Lower	Upper
228	100		
226	32.3	20.8	31.2#
229	28.1	15.6	23.4#

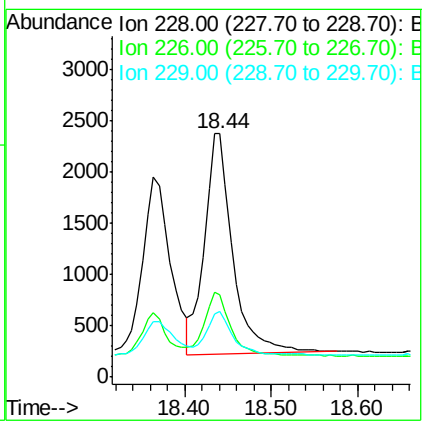


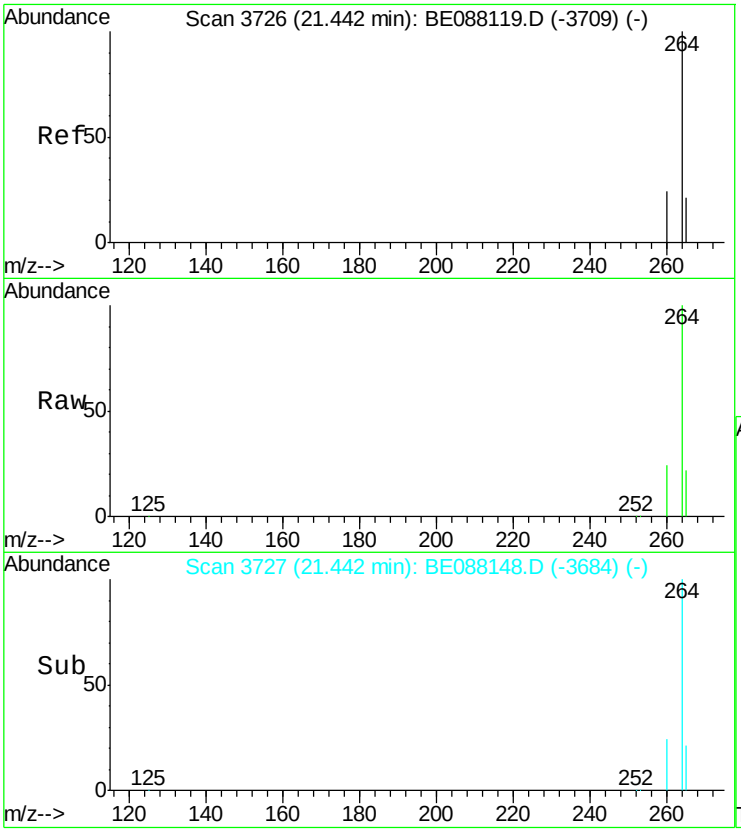


#20
Chrysene
Concen: 0.07 ng
RT: 18.44 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion:228 Resp: 4915

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.7	34.1
229	27.2	15.8	23.6#



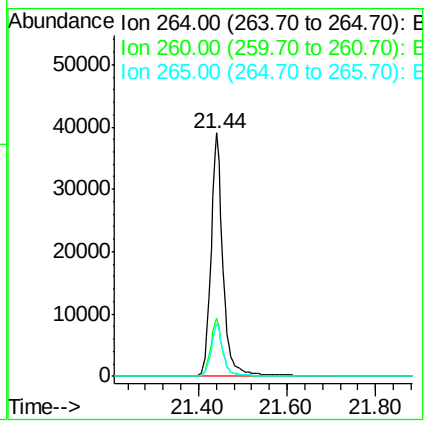


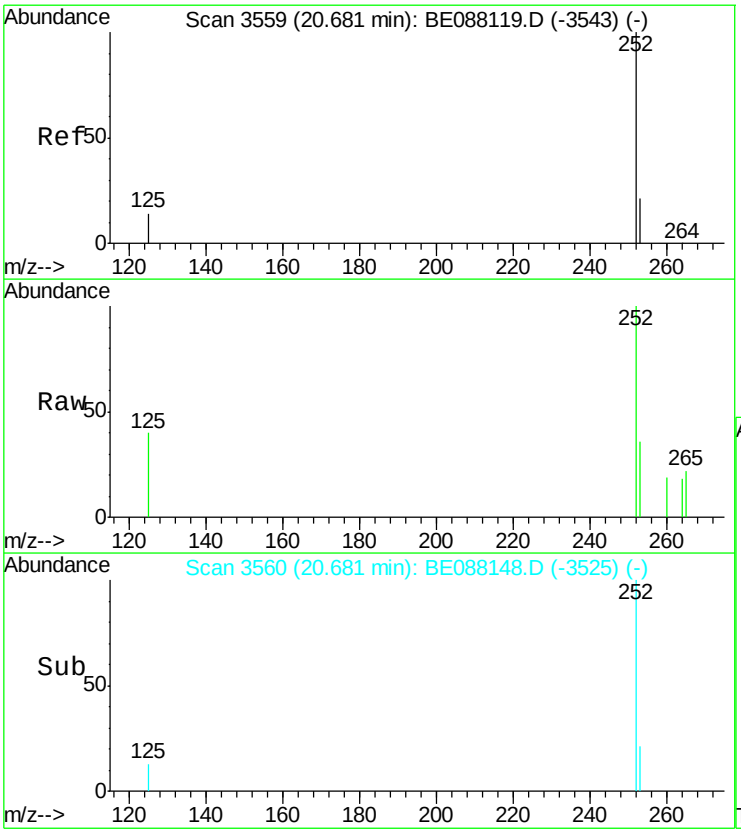
#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:264 Resp: 73263

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.6	17.2	25.8

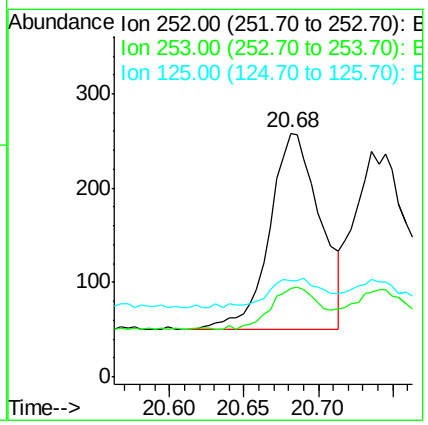


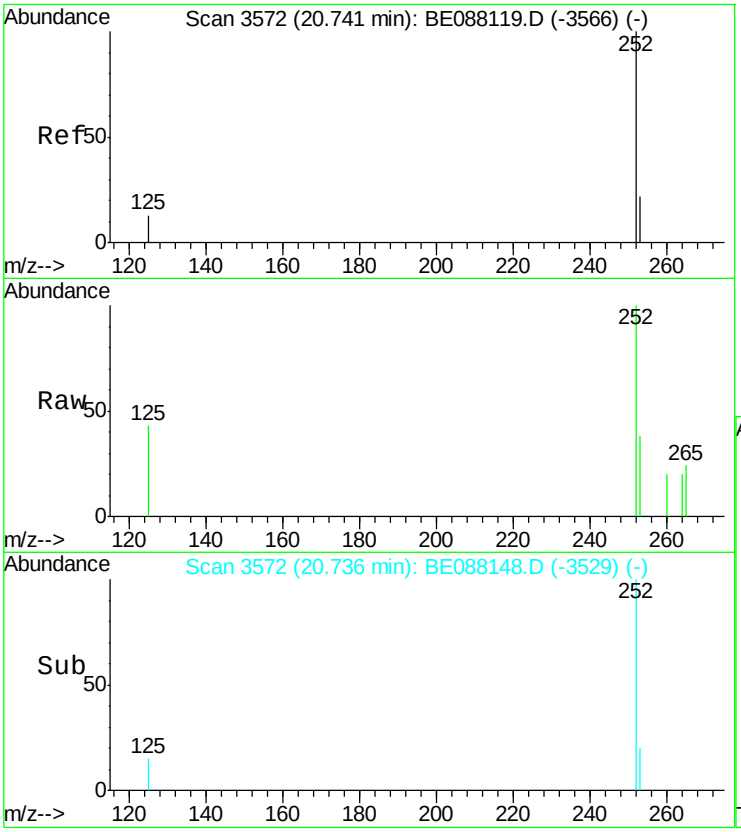


#23
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 20.68 min Scan# 3560
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion:252 Resp: 495

Ion	Ratio	Lower	Upper
252	100		
253	36.4	17.4	26.0#
125	39.5	11.8	17.8#





#24
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 20.74 min Scan# 3572
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion:252 Resp: 574

Ion	Ratio	Lower	Upper
252	100		
253	37.7	17.6	26.4#
125	43.1	11.5	17.3#