Quantitation Report (Not 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 15:14:20 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
2) 1,4-Dioxane	2.00	88	11815	2.32	ng	#	1
5) Naphthalene	8.72	128	549	0.02	ng	#	81
13) Phenanthrene	13.00	178	3589	Below Cal		#	74
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
23) Benzo(b)fluoranthene	20.68	252	458	0.03	ng	#	62
24) Benzo(k)fluoranthene	20.74	252	460	0.02	ng	#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE102014\
Data File : BE088139.D
Acq On : 21 Oct 2014 13:01
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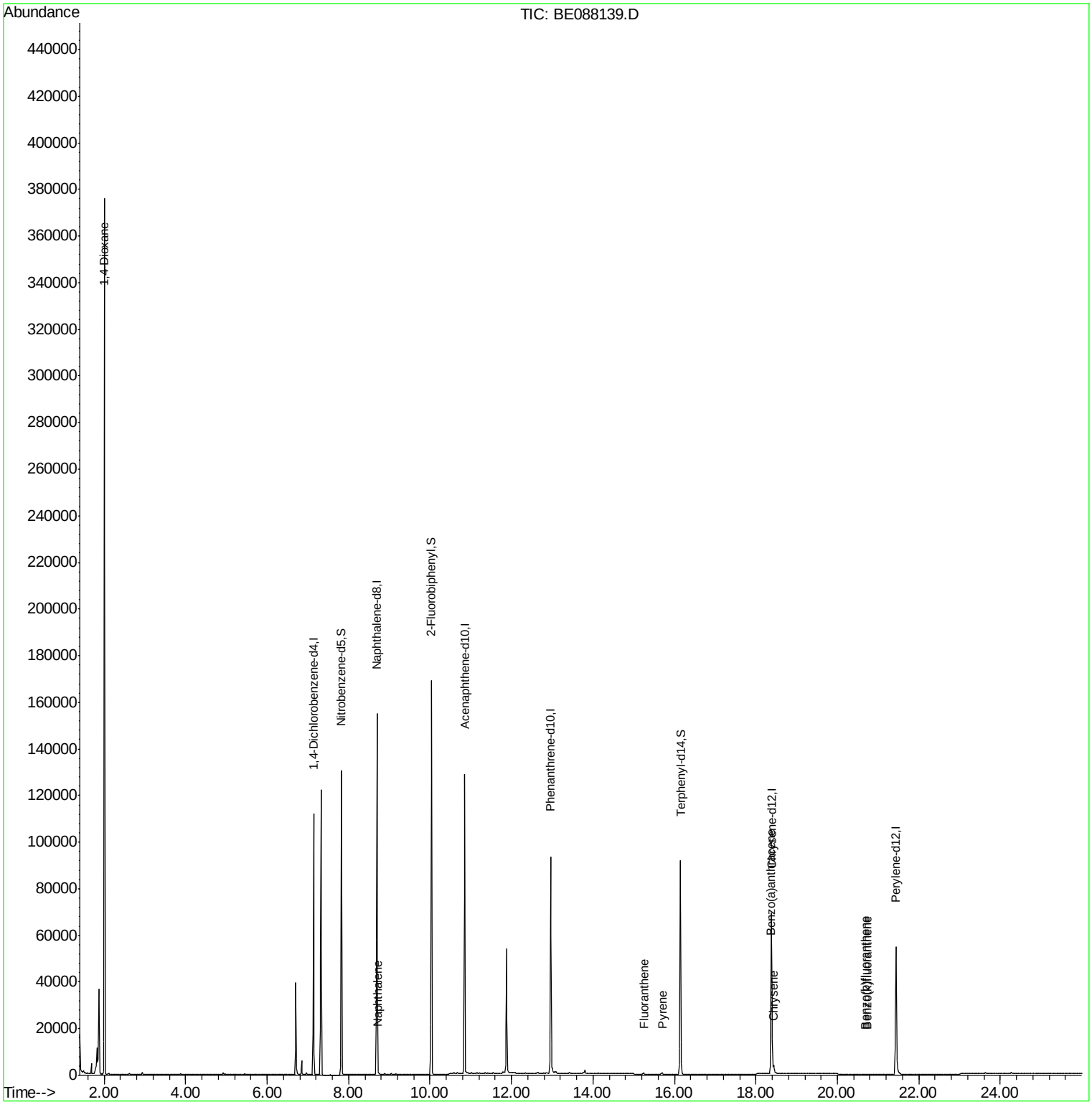
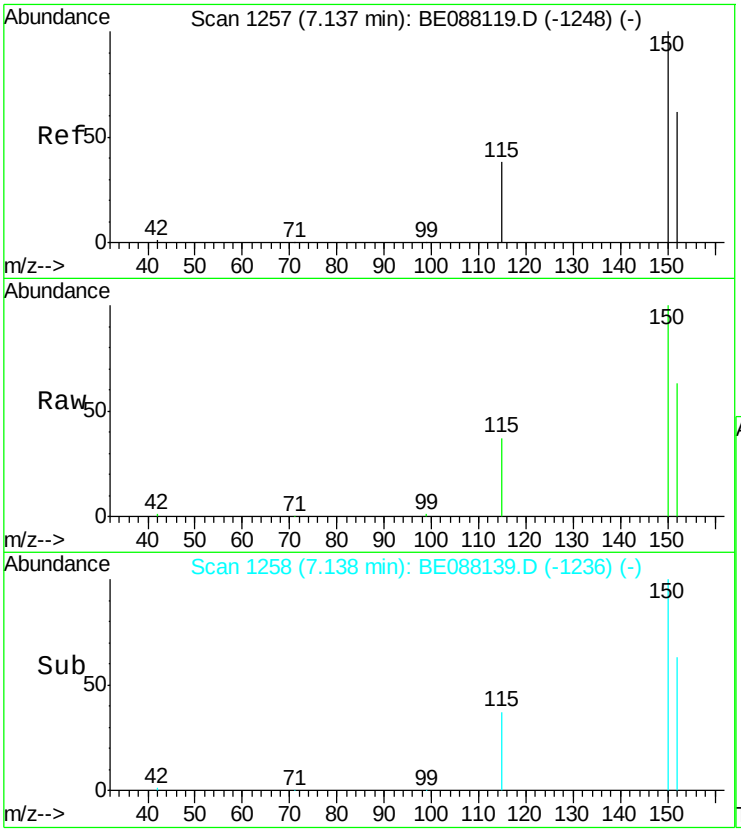
YS19-EB01-101614-SW

Quant Time: Oct 21 15:14:20 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



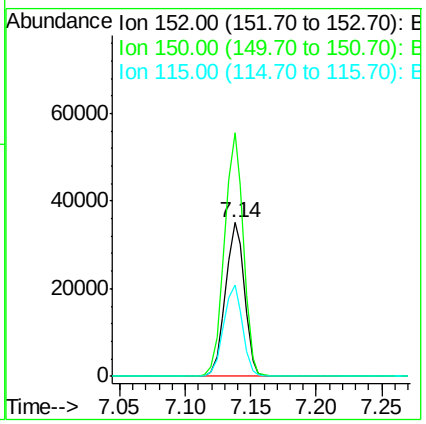


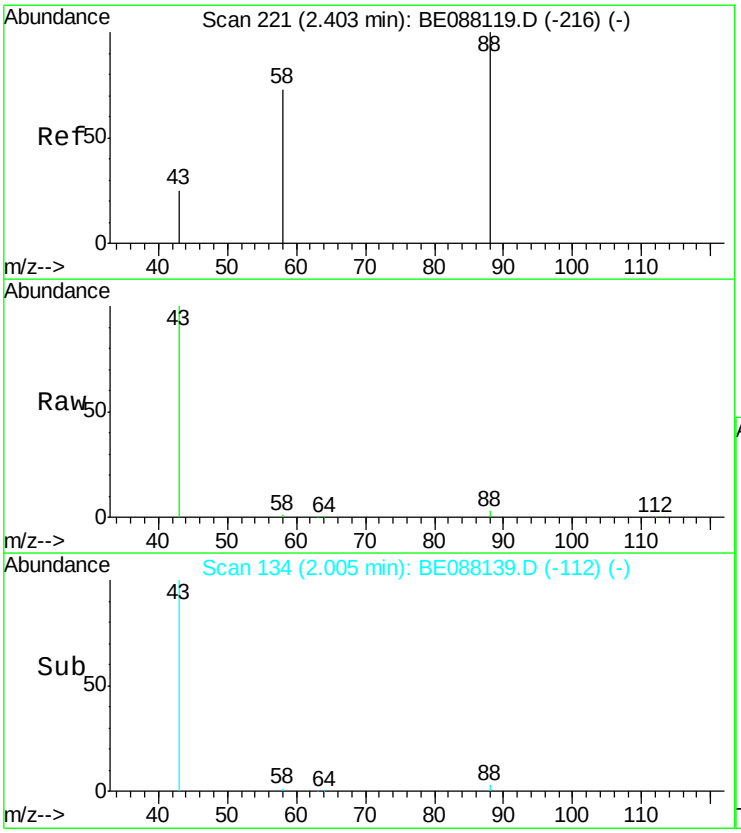
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

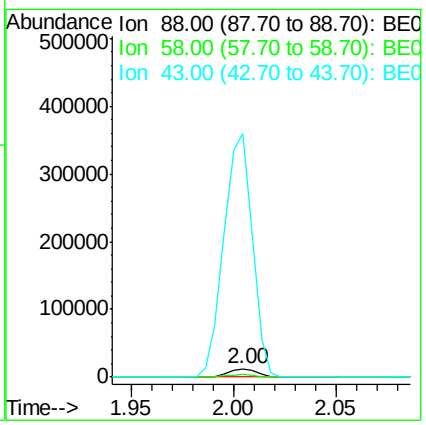


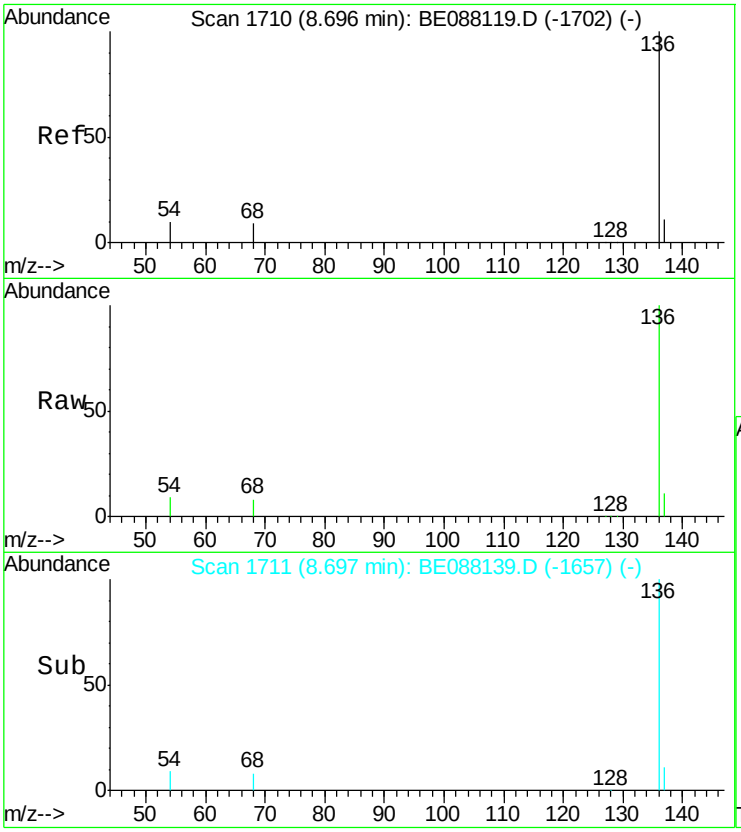


#2
1,4-Dioxane
Concen: 2.32 ng
RT: 2.00 min Scan# 134
Delta R.T. -0.40 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion: 88 Resp: 11815

Ion	Ratio	Lower	Upper
88	100		
58	27.3	59.5	89.3#
43	2942.6	21.2	31.8#



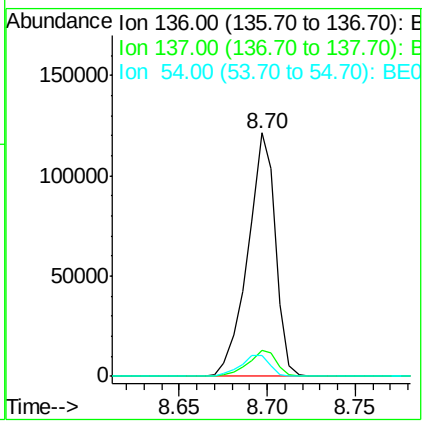


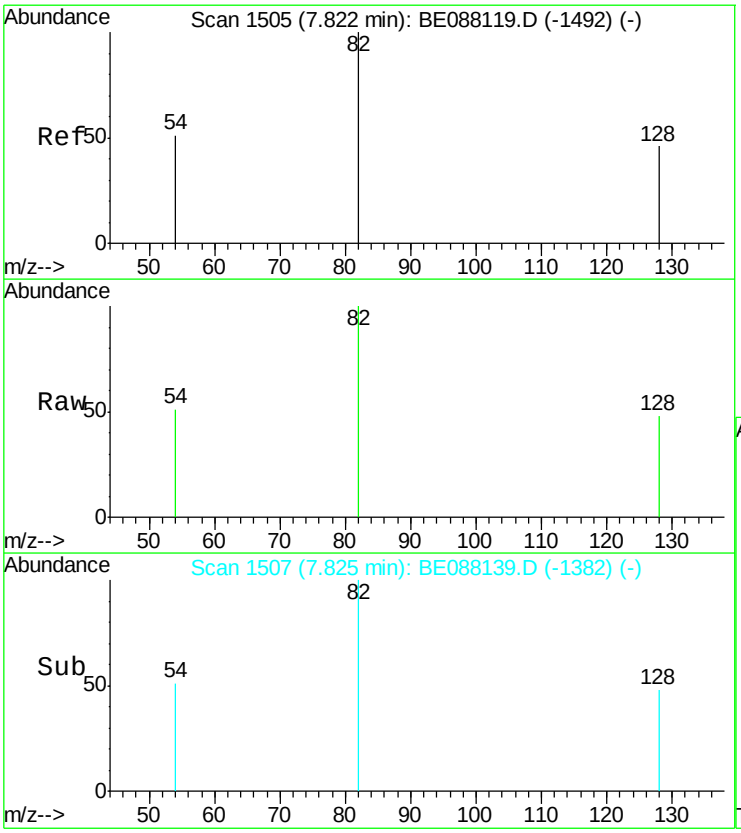
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

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

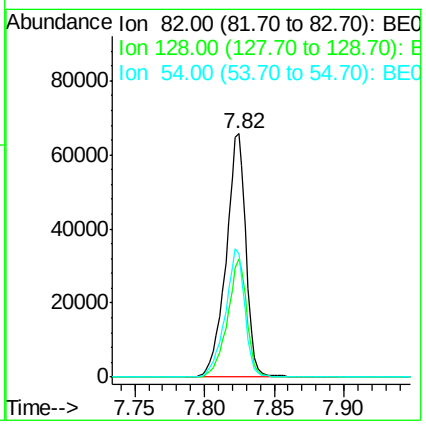


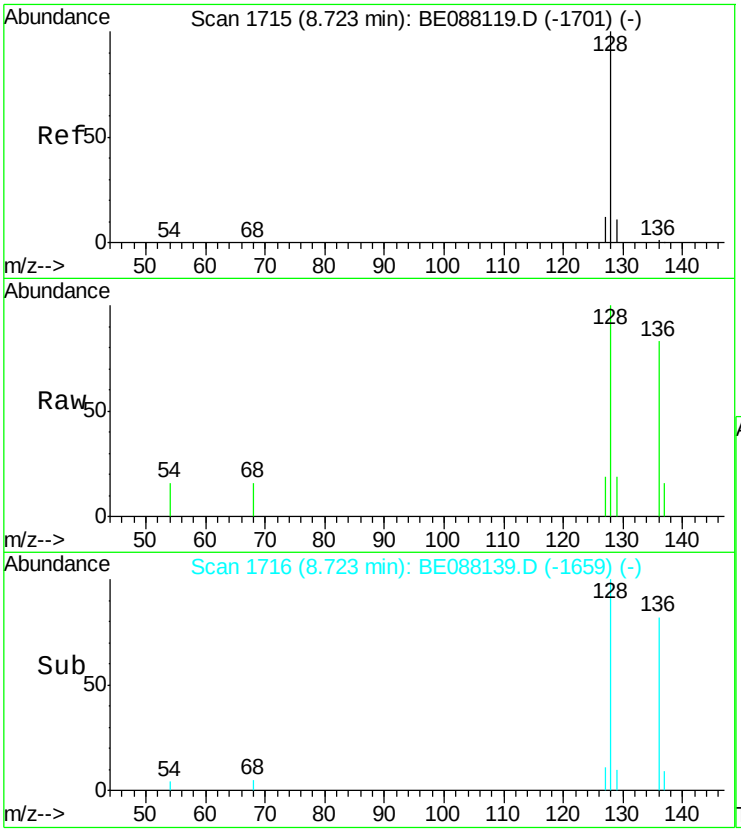


#4
Nitrobenzene-d5
Concen: 6.81 ng
RT: 7.82 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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



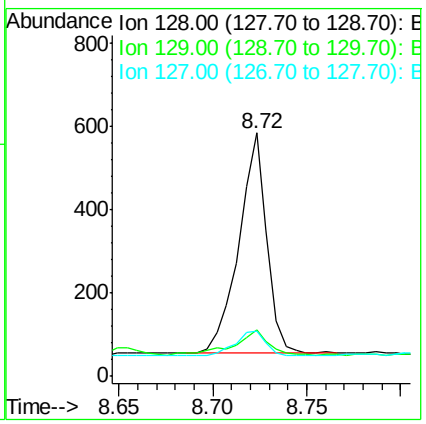


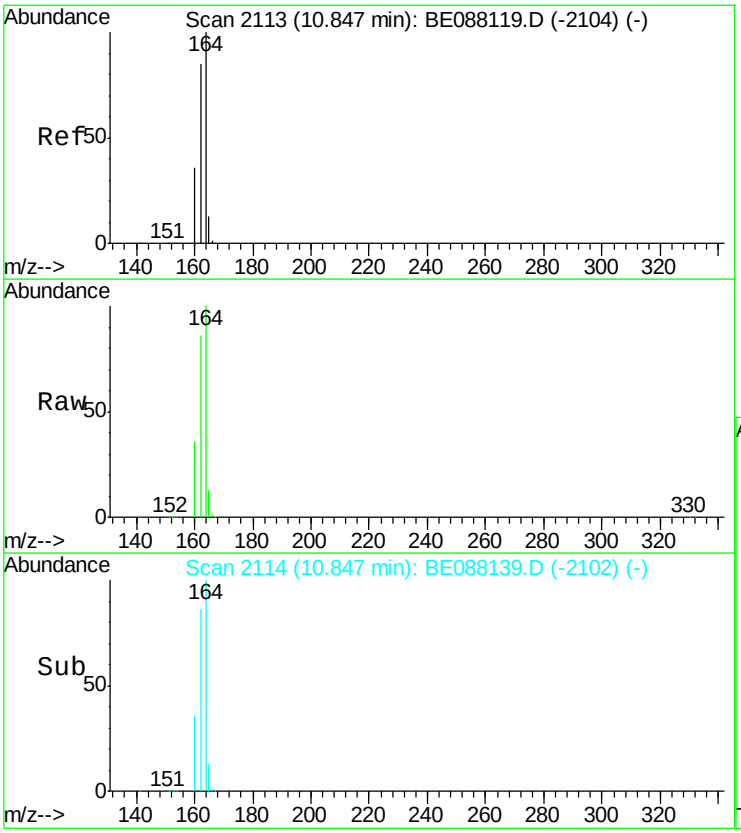
#5
Naphthalene
Concen: 0.02 ng
RT: 8.72 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

Tgt Ion:128 Resp: 549

Ion	Ratio	Lower	Upper
128	100		
129	19.0	8.9	13.3#
127	18.6	9.7	14.5#

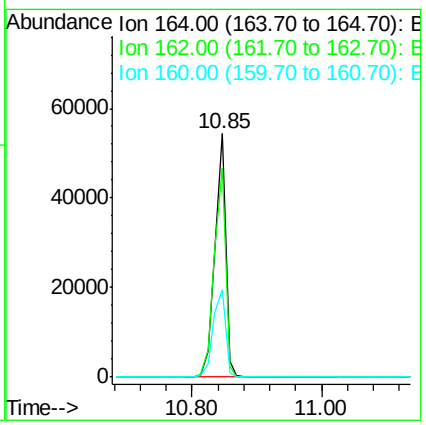


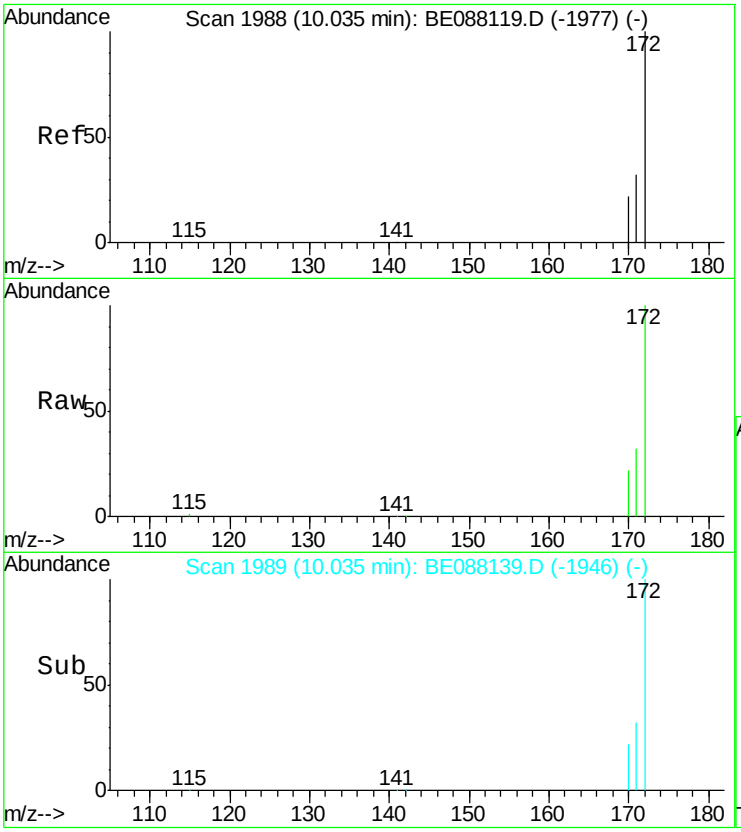


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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



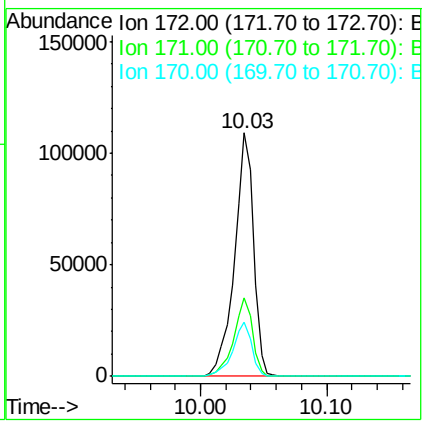


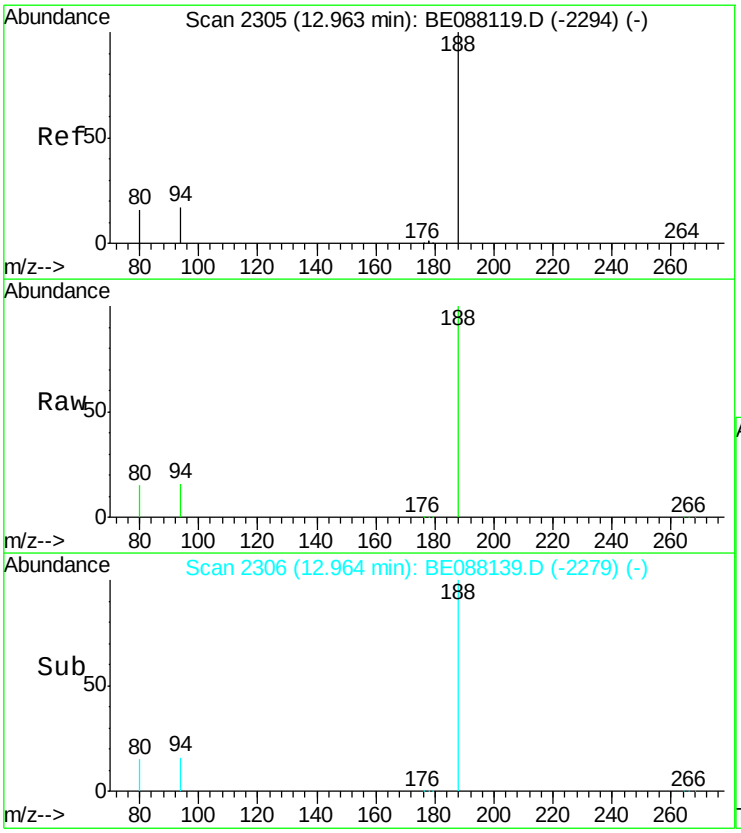
#8
2-Fluorobiphenyl
Concen: 6.76 ng
RT: 10.03 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

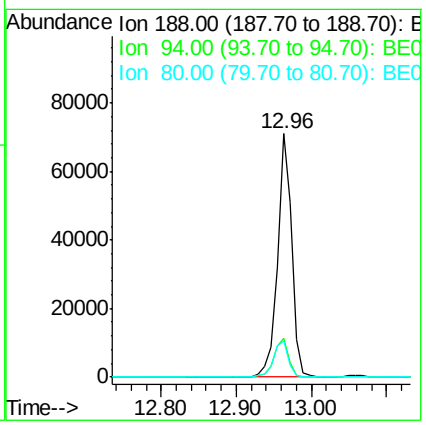


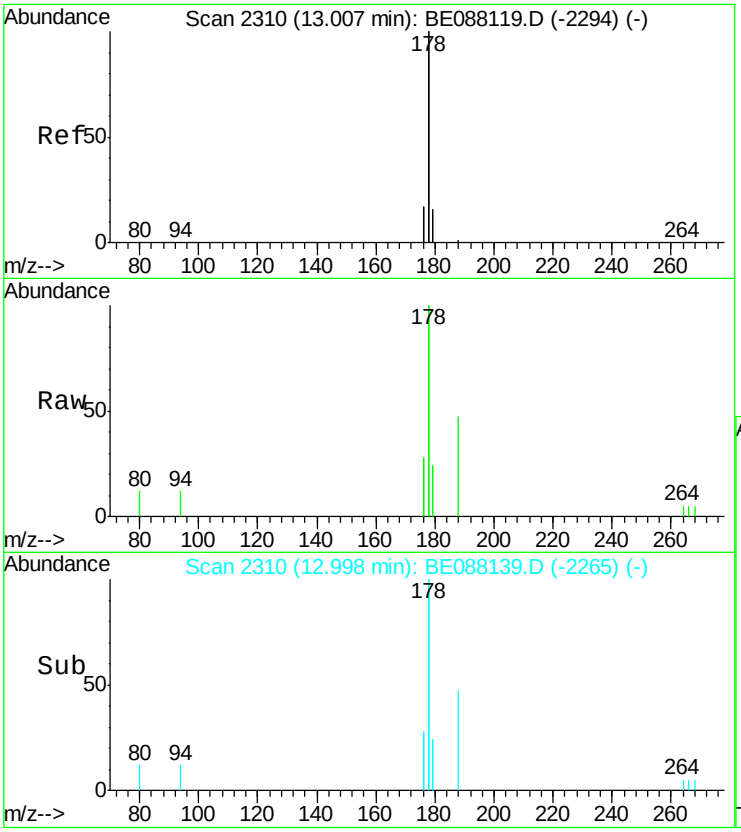


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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



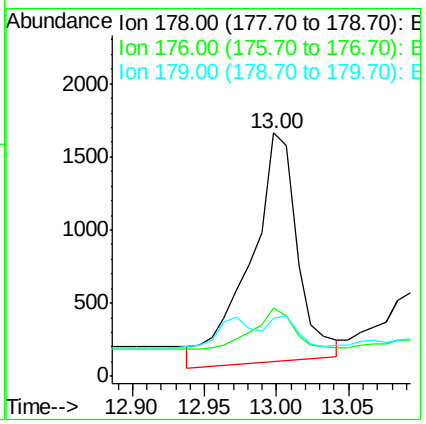


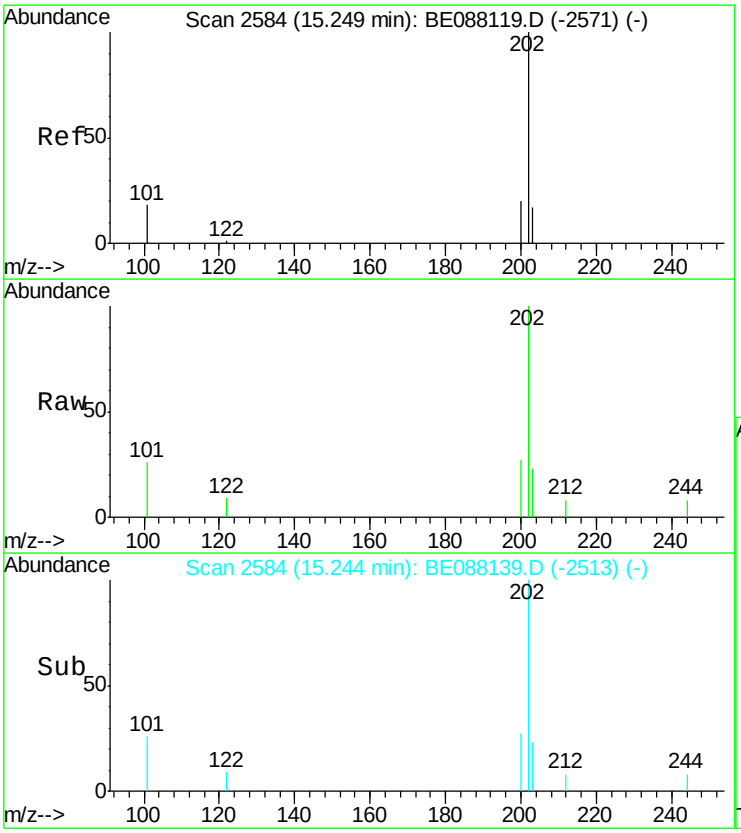
#13
Phenanthrene
Concen: Below Cal
RT: 13.00 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

Tgt Ion:178 Resp: 3589

Ion	Ratio	Lower	Upper
178	100		
176	20.5	12.5	18.7#
179	0.0	13.5	20.3#

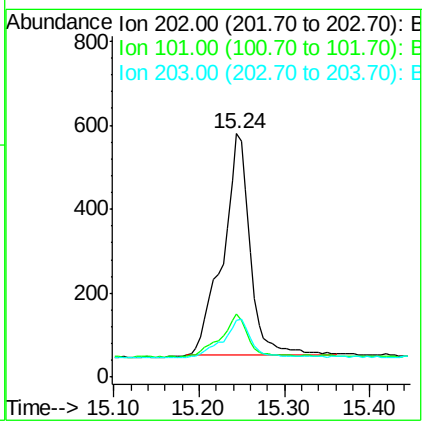


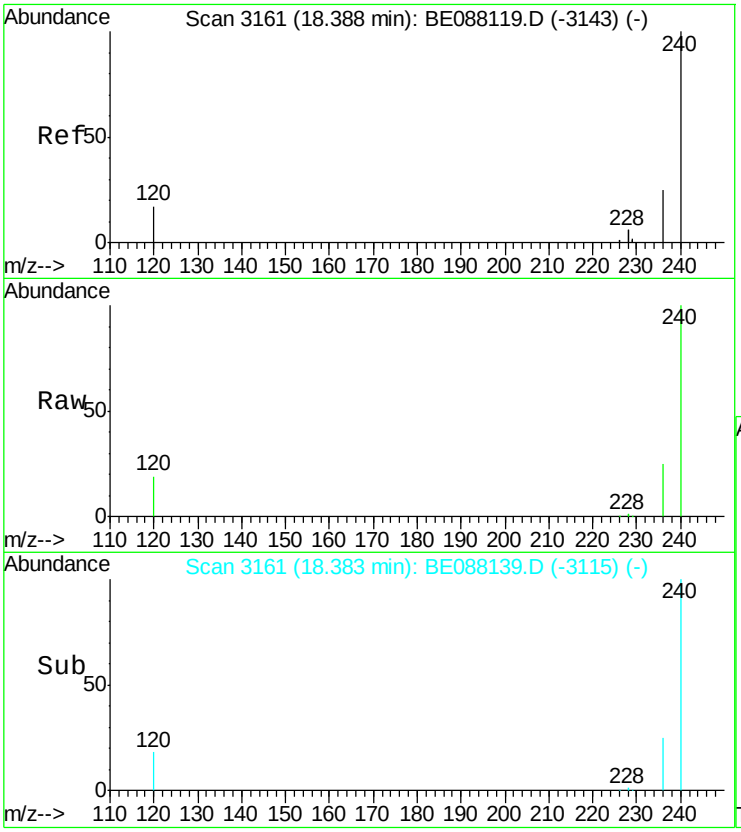


#15
Fluoranthene
Concen: 0.06 ng
RT: 15.24 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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



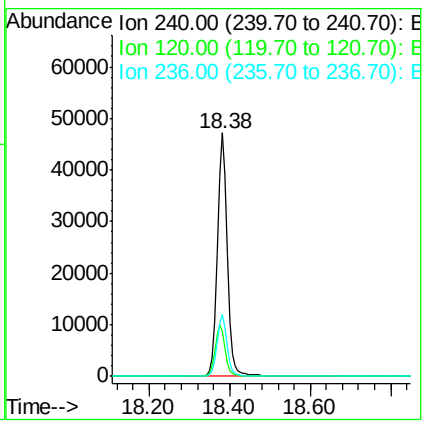


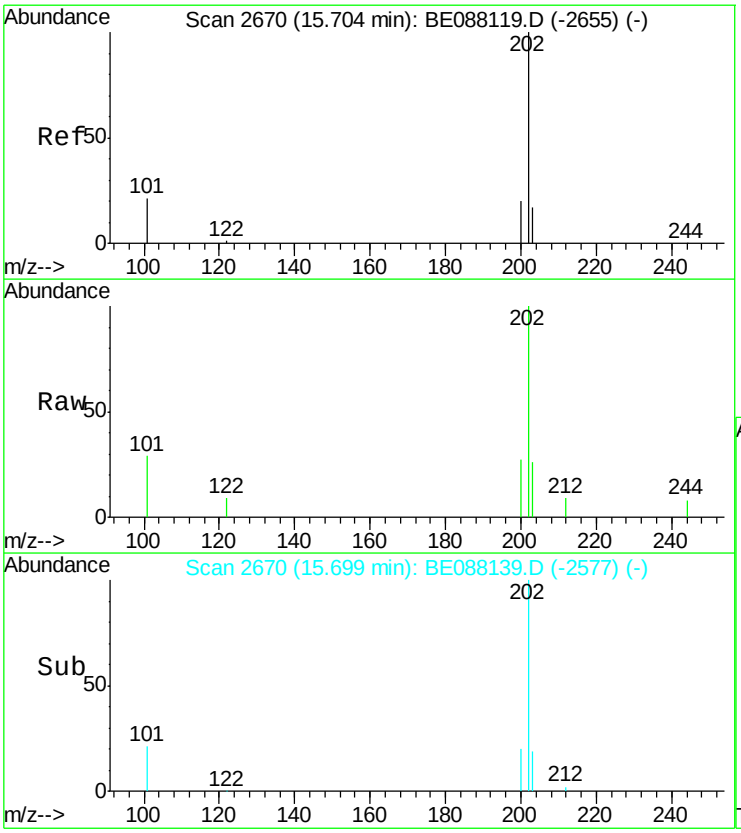
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

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

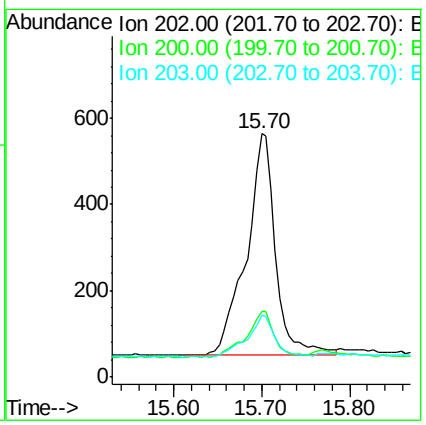


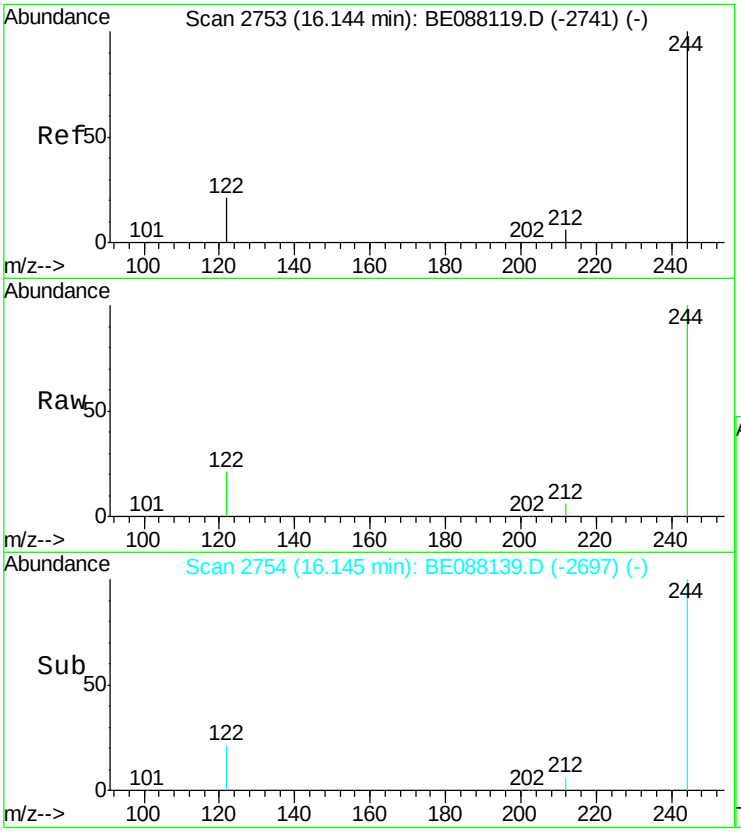


#17
Pyrene
Concen: 0.05 ng
RT: 15.70 min Scan# 2670
Delta R.T. -0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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



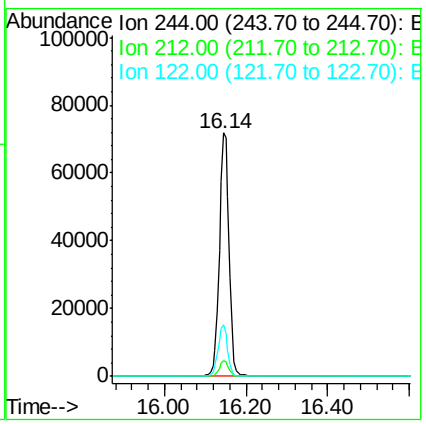


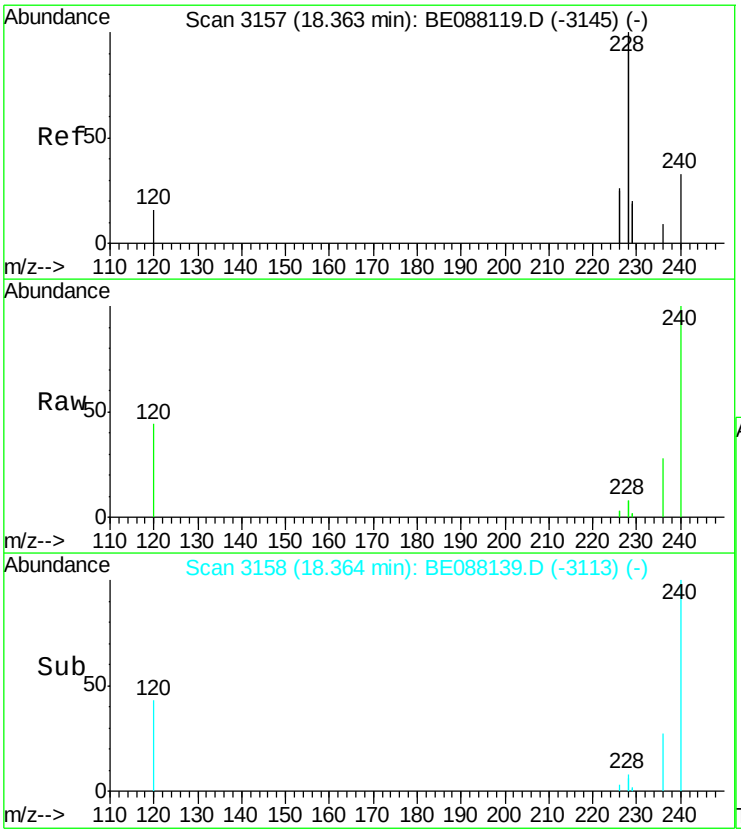
#18
Terphenyl-d14
Concen: 9.13 ng
RT: 16.14 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

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

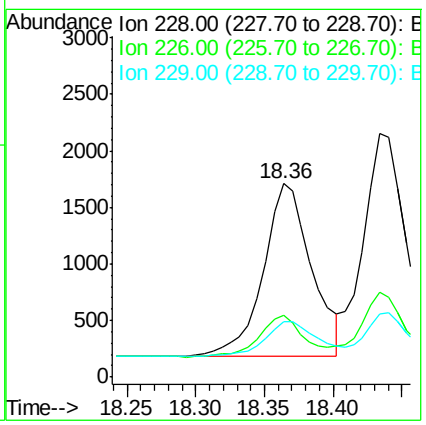


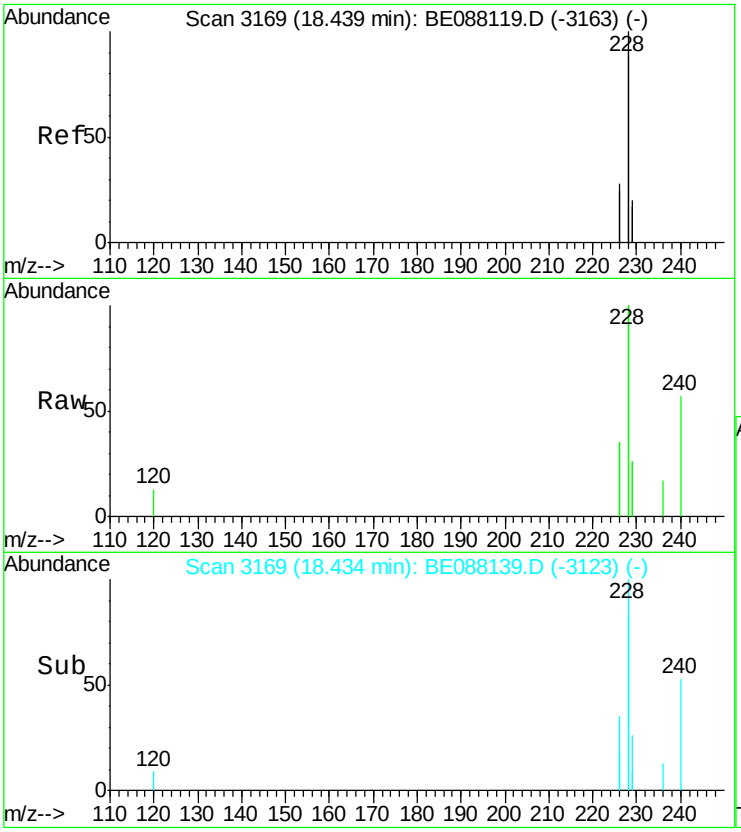


#19
Benzo(a)anthracene
Concen: 0.05 ng
RT: 18.36 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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#



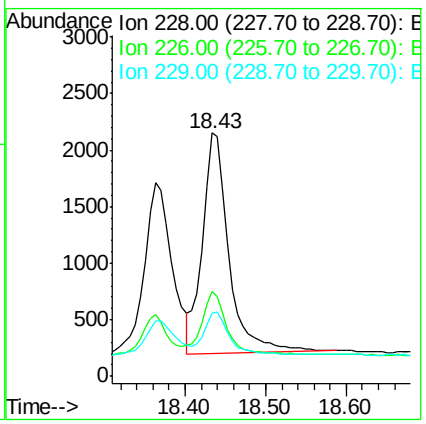


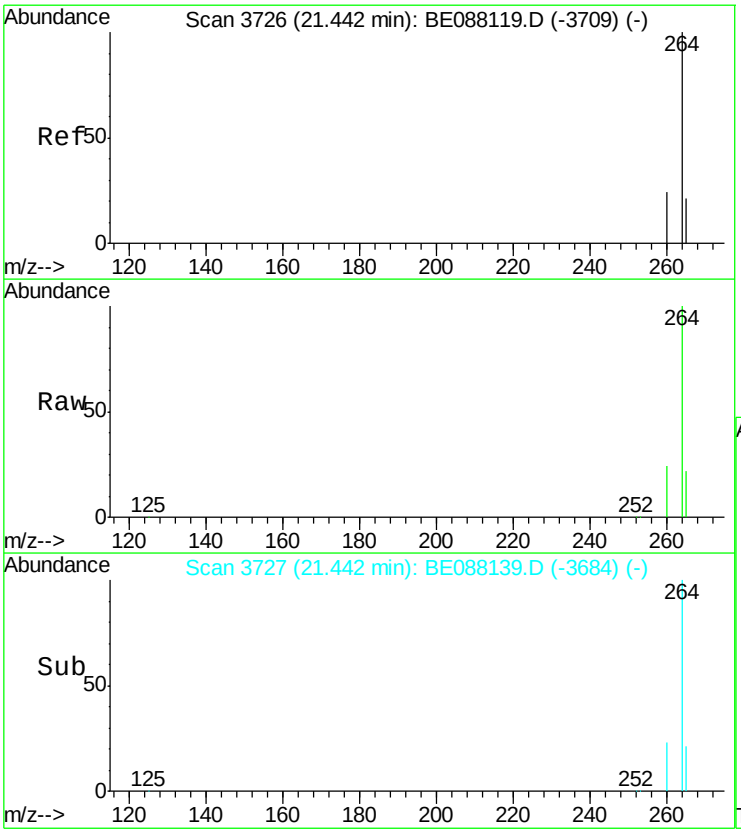
#20
Chrysene
Concen: 0.06 ng
RT: 18.43 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

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#

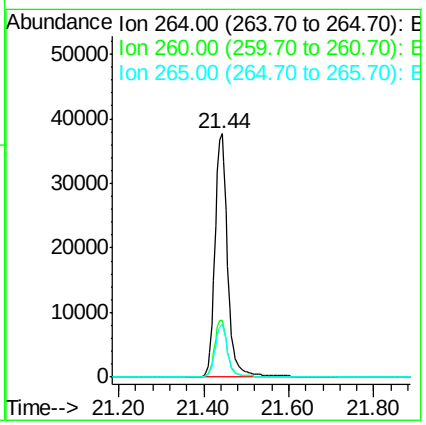


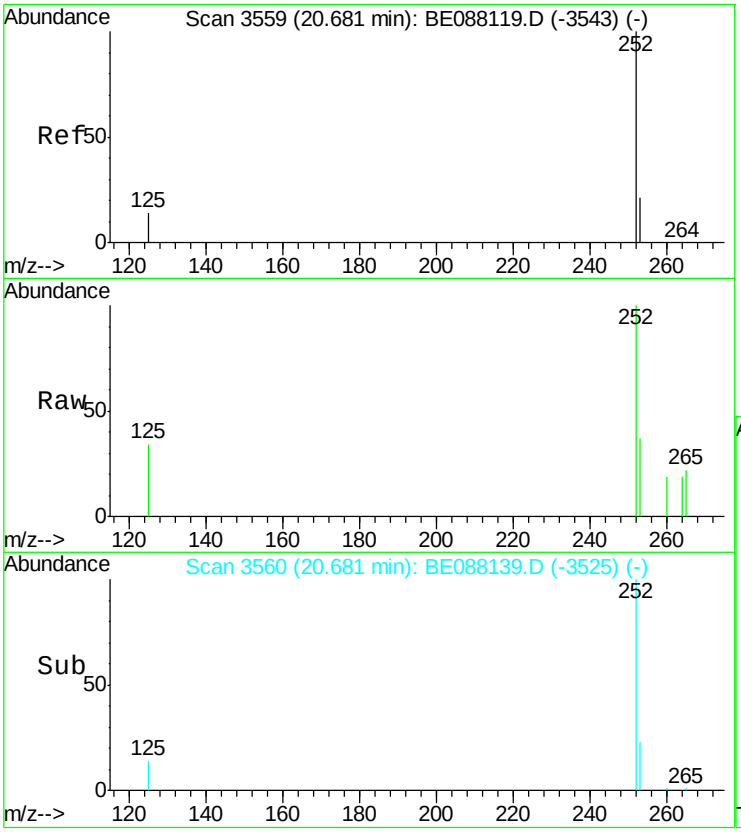


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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



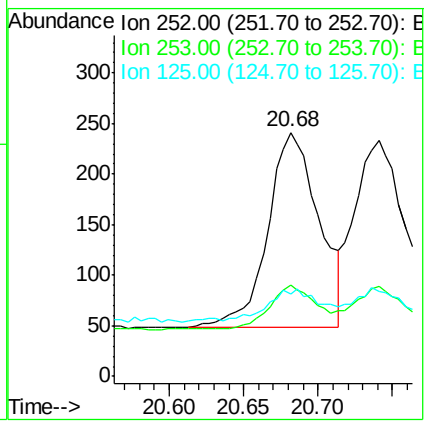


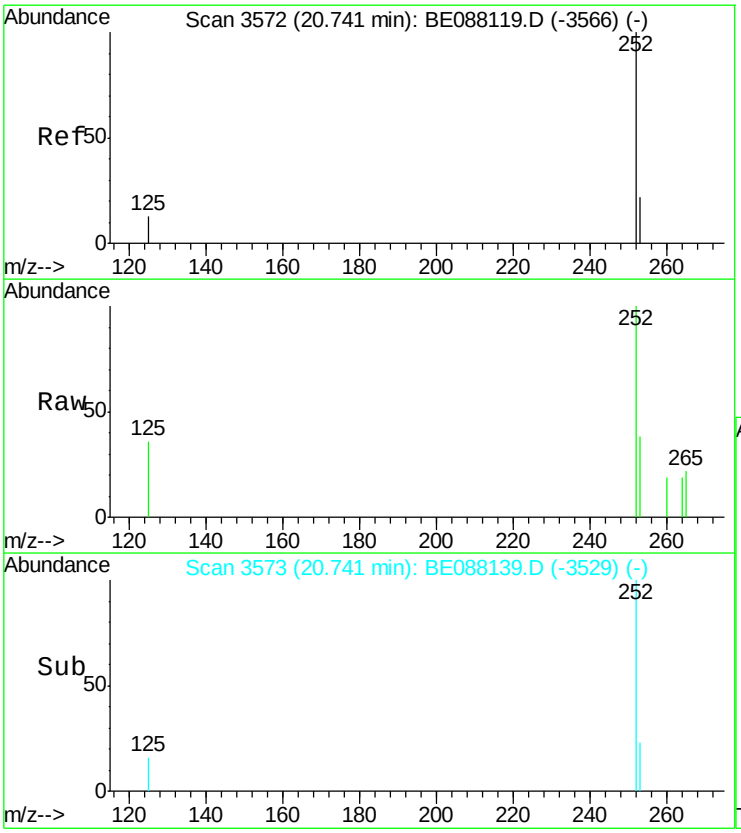
#23
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 20.68 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

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

Tgt Ion:252 Resp: 458

Ion	Ratio	Lower	Upper
252	100		
253	37.3	17.4	26.0#
125	34.0	11.8	17.8#





#24
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 20.74 min Scan# 3573
Delta R.T. 0.00 min
Lab File: BE088139.D
Acq: 21 Oct 2014 13:01

Tgt Ion:252 Resp: 460

Ion	Ratio	Lower	Upper
252	100		
253	38.2	17.6	26.4#
125	36.1	11.5	17.3#