Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088224.D
Acq On : 24 Oct 2014 21:44
Operator : TP/JJ
Sample : F4351-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SW16-1014

Quant Time: Oct 27 13:13:28 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 27 13:04:40 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	43015	5.00	ng	0.00
3) Naphthalene-d8	8.68	136	165873	5.00	ng	0.00
7) Acenaphthene-d10	10.82	164	76516	5.00	ng	0.00
12) Phenanthrene-d10	12.94	188	138525	5.00	ng	0.00
16) Chrysene-d12	18.34	240	74438	5.00	ng	0.00
22) Perylene-d12	21.40	264	66443	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.80	82	55320	4.52	ng	0.00
8) 2-Fluorobiphenyl	10.01	172	103739	4.86	ng	0.00
18) Terphenyl-d14	16.11	244	81926	6.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	10037	1.67	ng	# 1
13) Phenanthrene	12.97	178	3837	0.03	ng	# 81
19) Benzo(a)anthracene	18.33	228	1732	0.03	ng	# 71
21) Indeno(1,2,3-cd)pyrene	23.57	276	592	0.25	ng	# 86
23) Benzo(b)fluoranthene	20.64	252	308	0.18	ng	# 34
25) Benzo(a)pyrene	21.27	252	110	0.18	ng	# 3
26) Dibenzo(a,h)anthracene	23.66	278	56	0.21	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088224.D
Acq On : 24 Oct 2014 21:44
Operator : TP/JJ
Sample : F4351-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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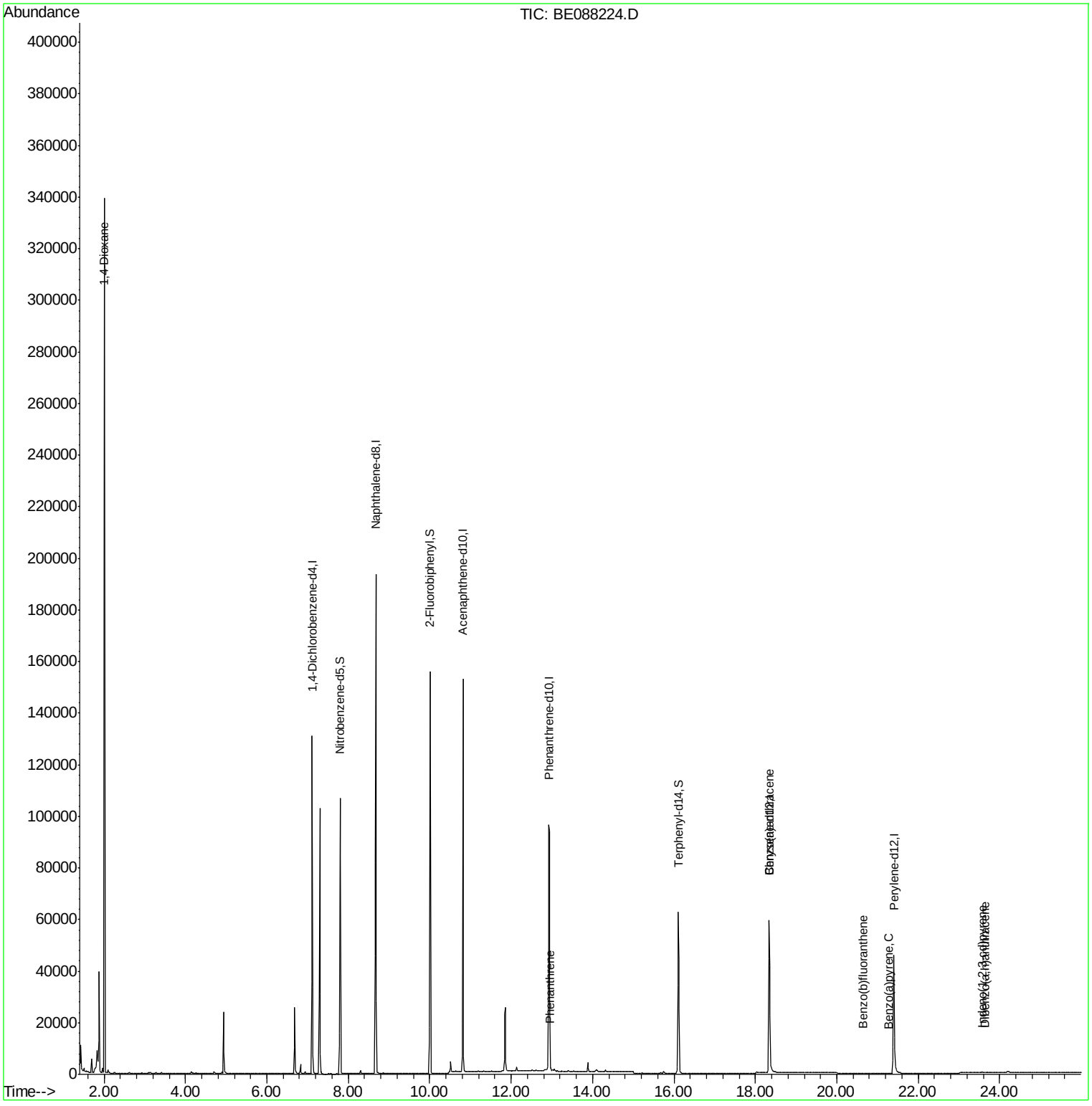
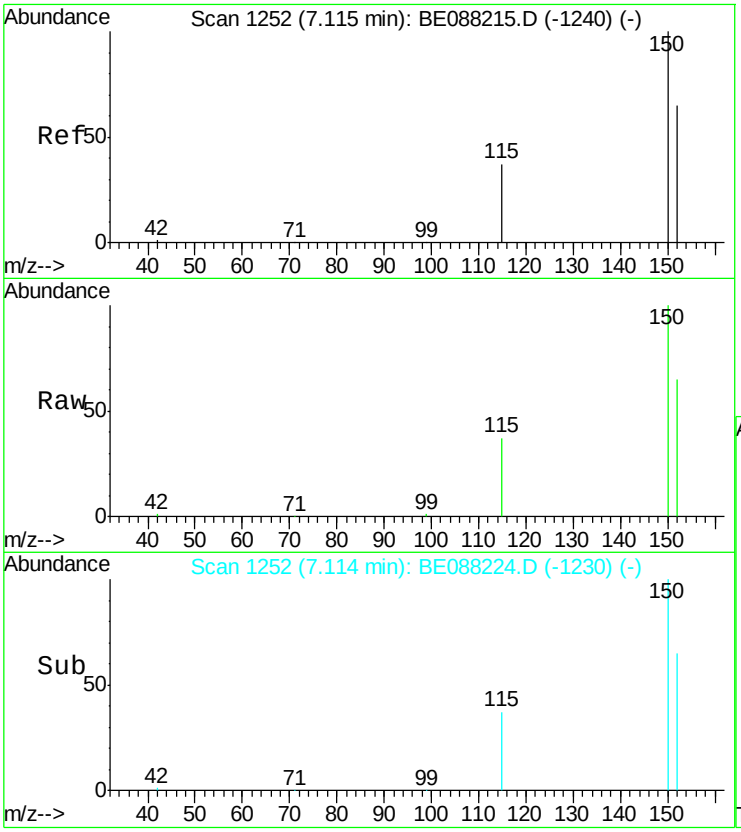


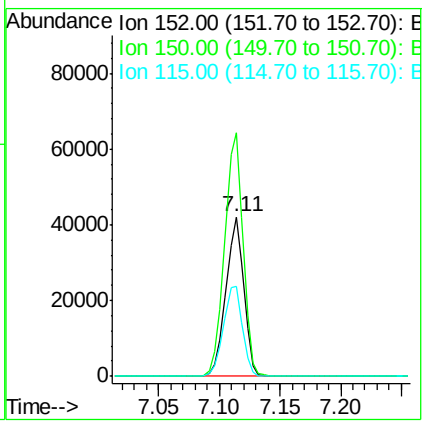


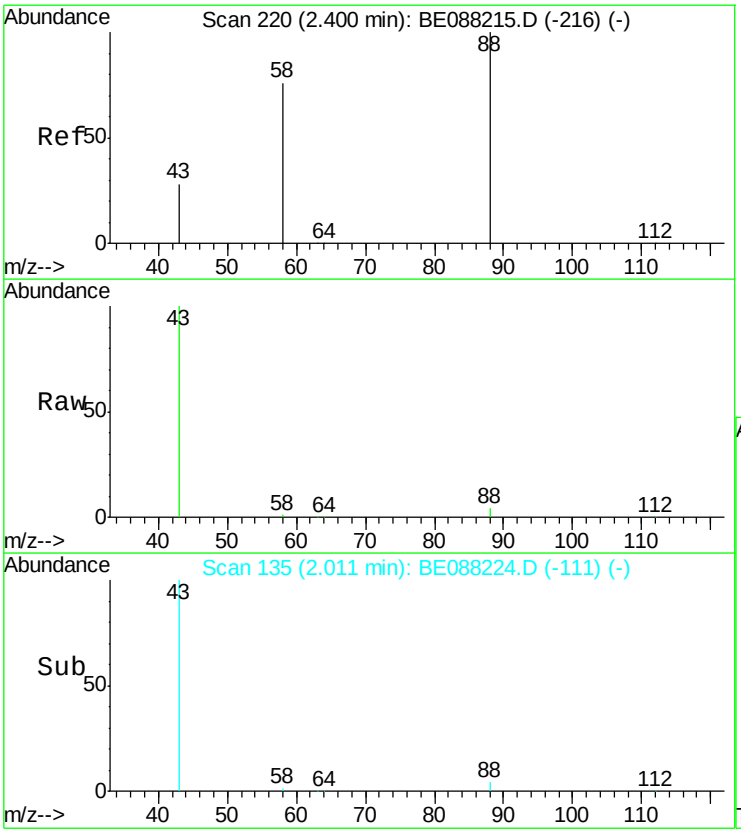
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.11 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:152 Resp: 43015

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.2	184.8
115	56.6	45.3	67.9

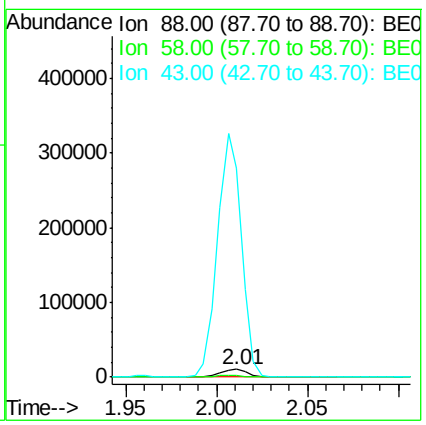


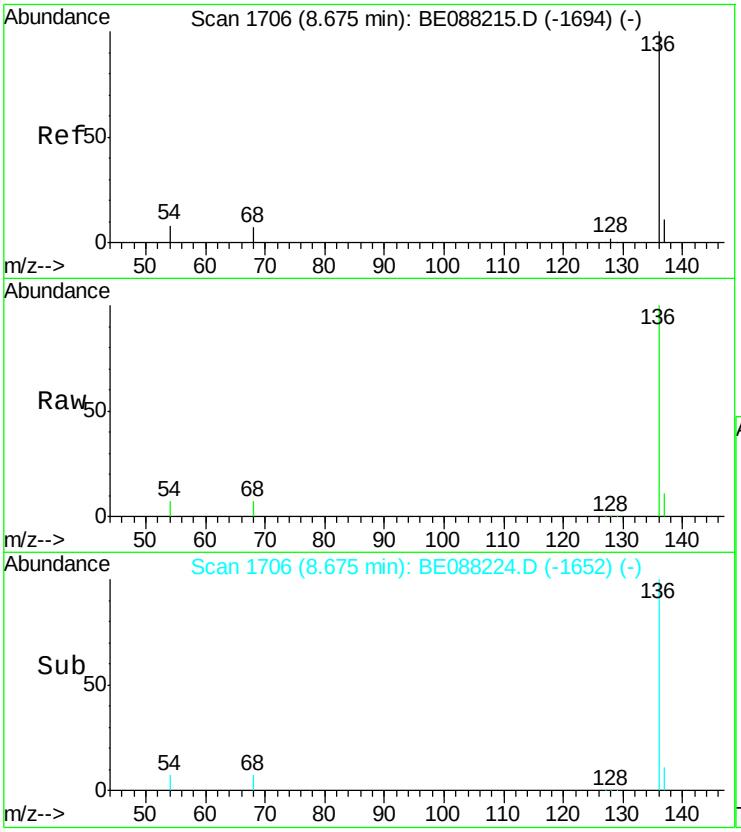


#2
1,4-Dioxane
Concen: 1.67 ng
RT: 2.01 min Scan# 135
Delta R.T. -0.39 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion: 88 Resp: 10037

Ion	Ratio	Lower	Upper
88	100		
58	27.5	59.0	88.4#
43	2950.5	21.9	32.9#



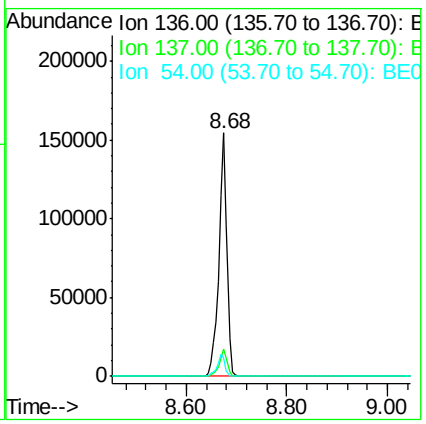


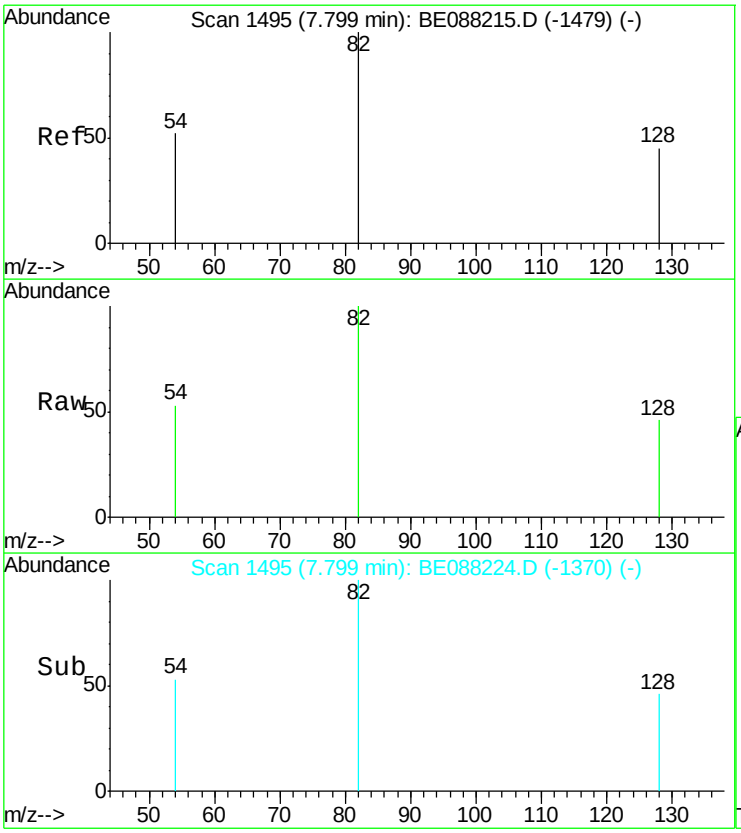
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.68 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:136 Resp: 165873

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.3	6.1	9.1

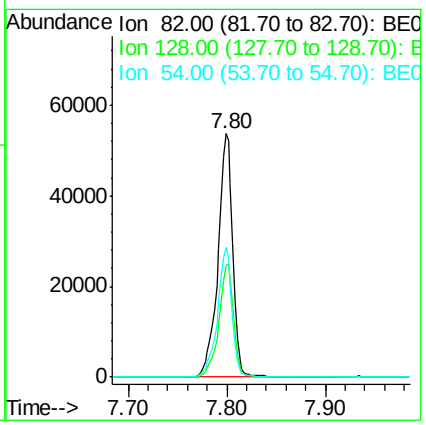


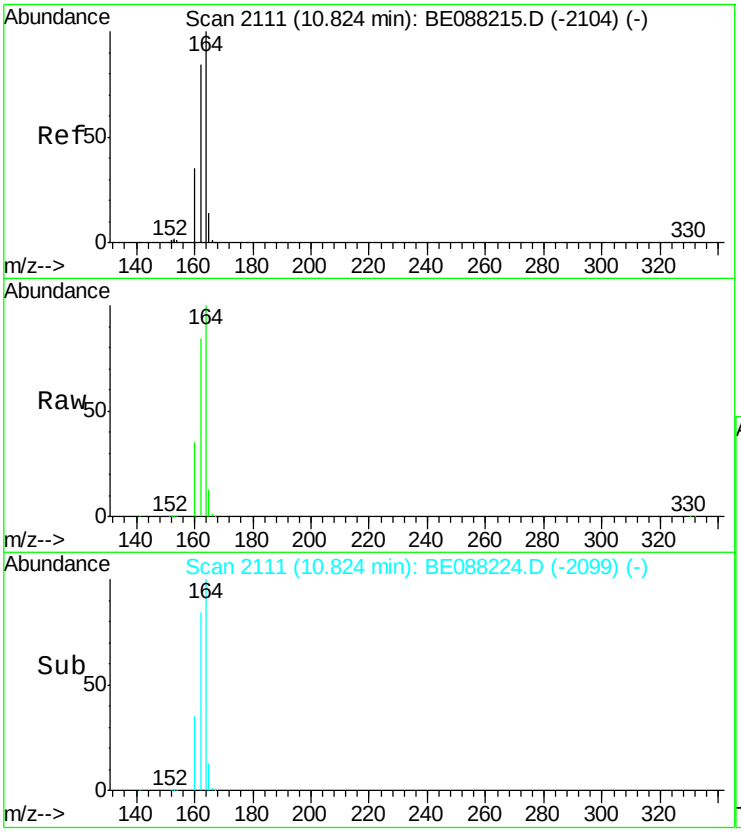


#4
Nitrobenzene-d5
Concen: 4.52 ng
RT: 7.80 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion: 82 Resp: 55320

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.2	54.2
54	53.1	41.8	62.8



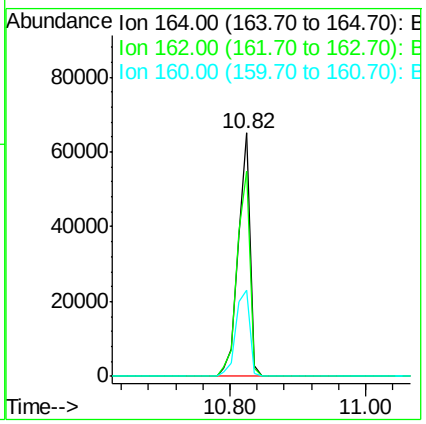


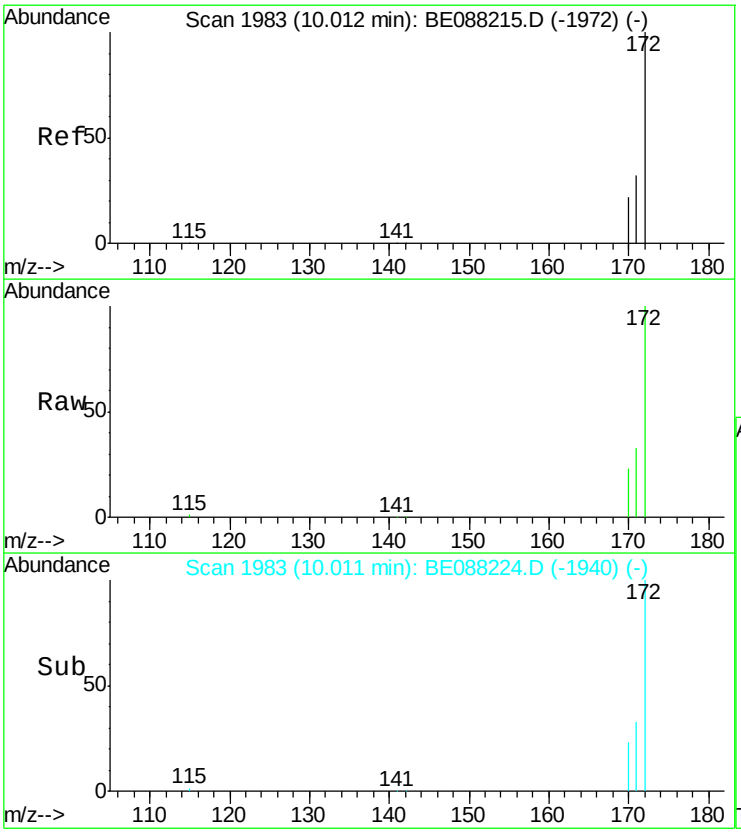
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.82 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:164 Resp: 76516

Ion	Ratio	Lower	Upper
164	100		
162	84.1	67.4	101.0
160	35.4	27.7	41.5

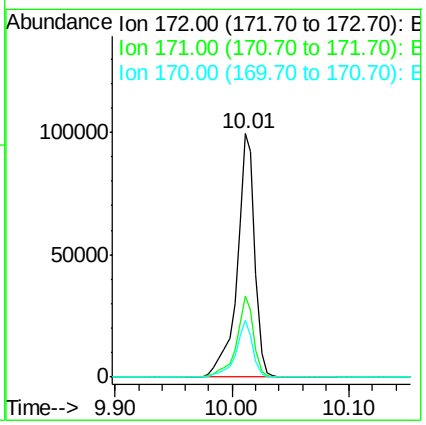


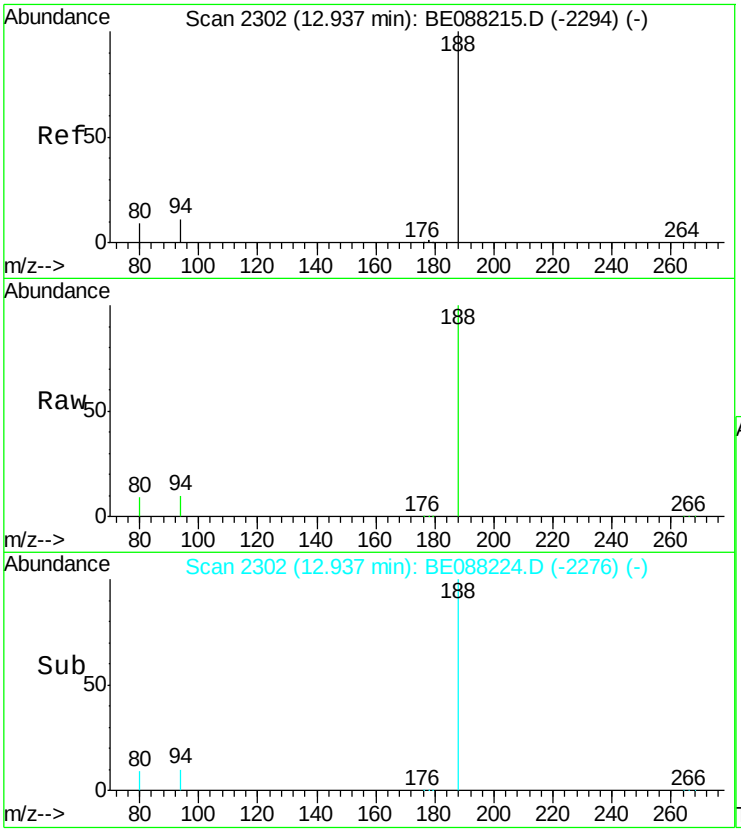


#8
2-Fluorobiphenyl
Concen: 4.86 ng
RT: 10.01 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion:172 Resp: 103739

Ion	Ratio	Lower	Upper
172	100		
171	33.0	25.8	38.6
170	23.1	17.4	26.0



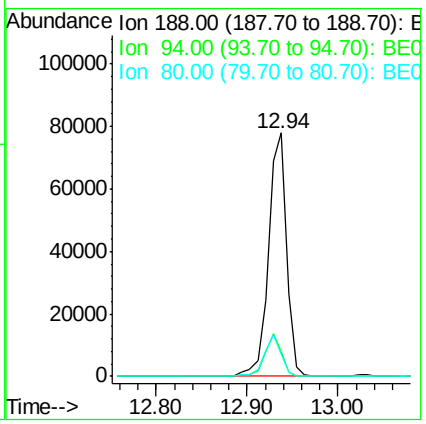


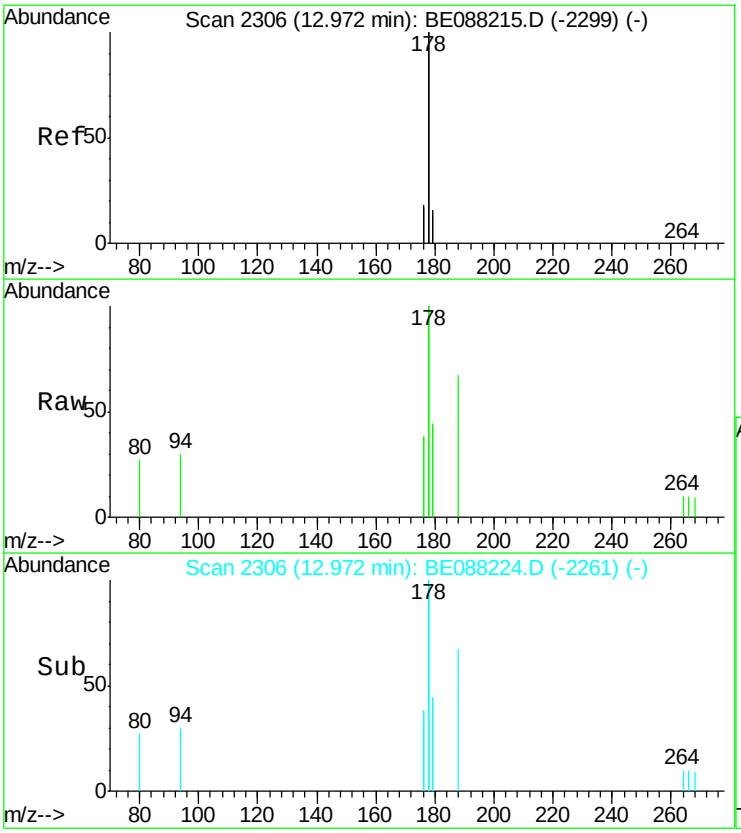
#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.94 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:188 Resp: 138525

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	8.9	7.4	11.0

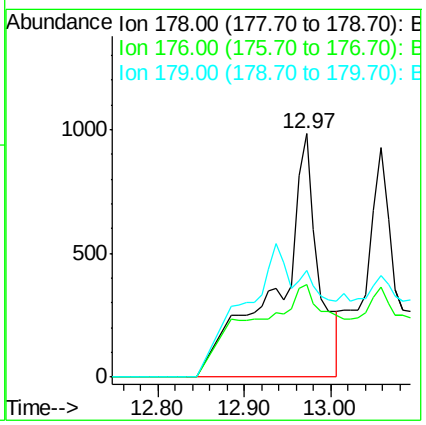


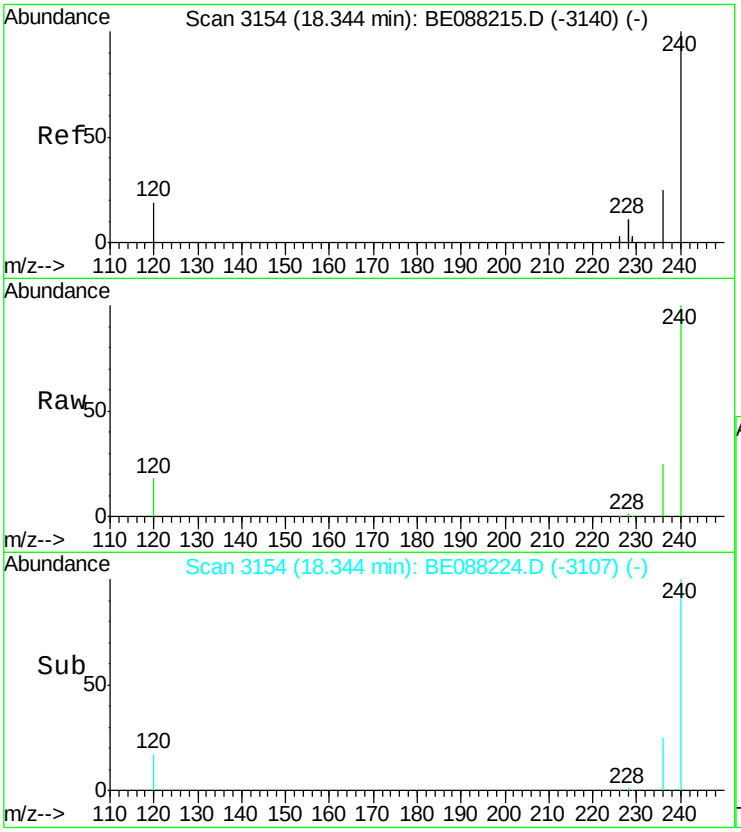


#13
Phenanthrene
Concen: 0.03 ng
RT: 12.97 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion:178 Resp: 3837

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.0	21.0
179	0.0	11.8	17.6#



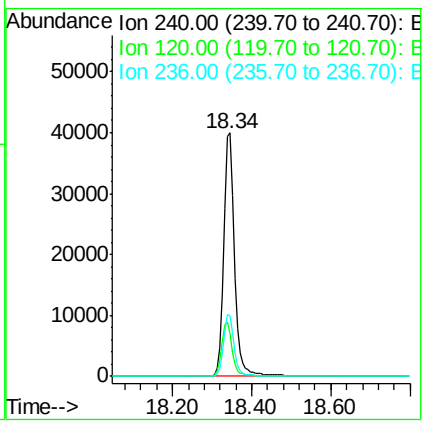


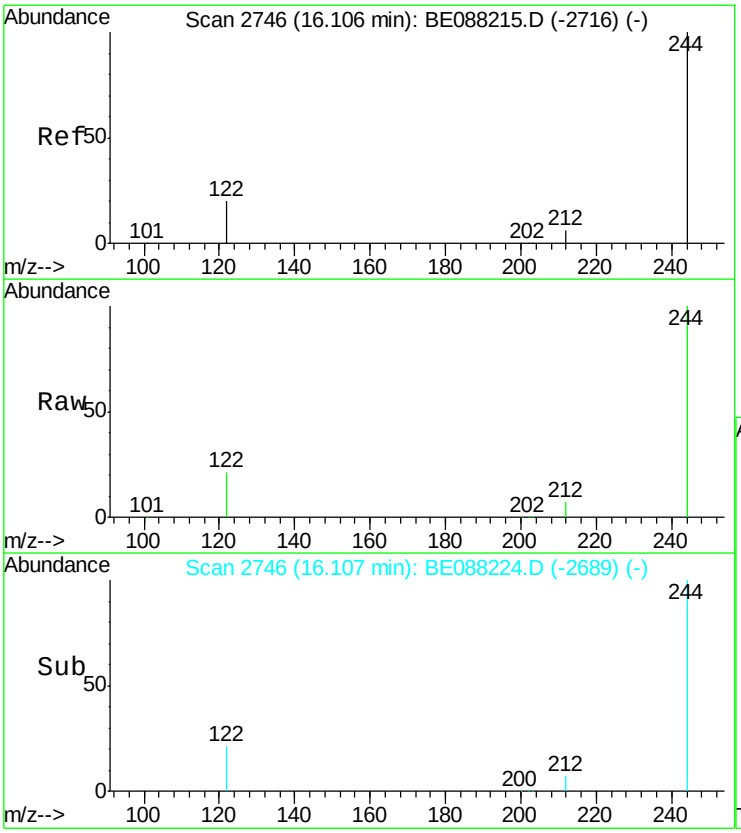
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:240 Resp: 74438

Ion	Ratio	Lower	Upper
240	100		
120	17.6	15.1	22.7
236	24.9	20.1	30.1

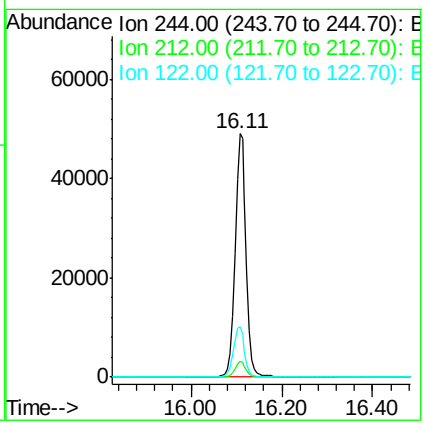


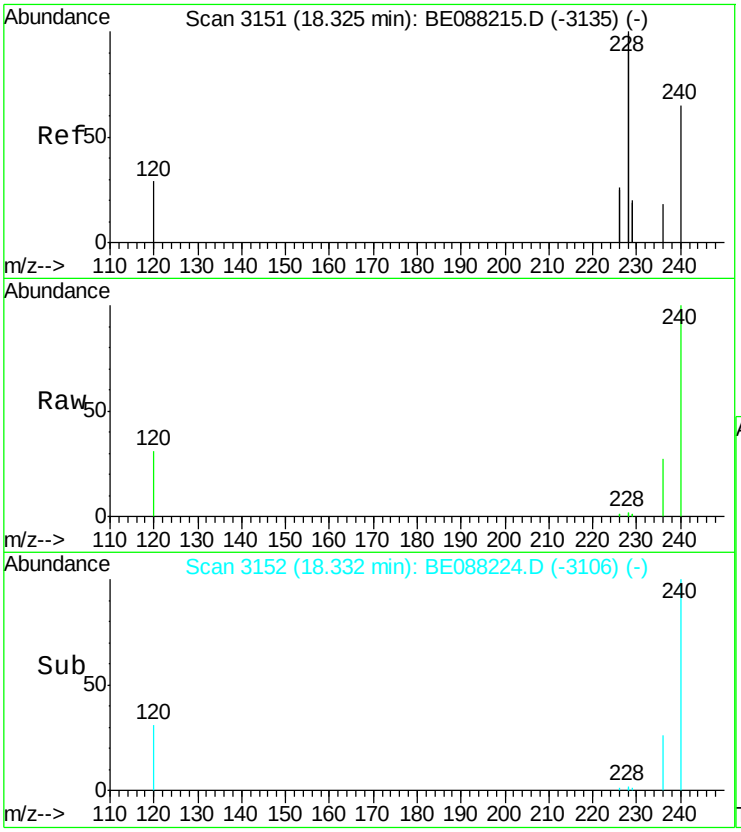


#18
Terphenyl-d14
Concen: 6.72 ng
RT: 16.11 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion:244 Resp: 81926

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	20.9	16.7	25.1



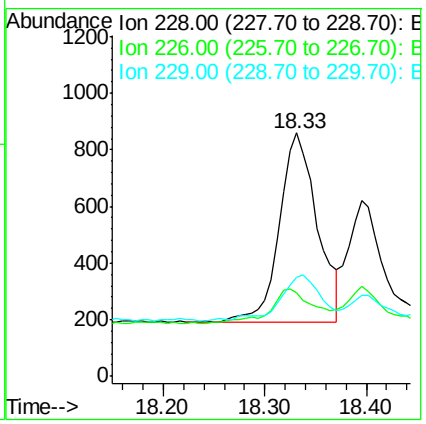


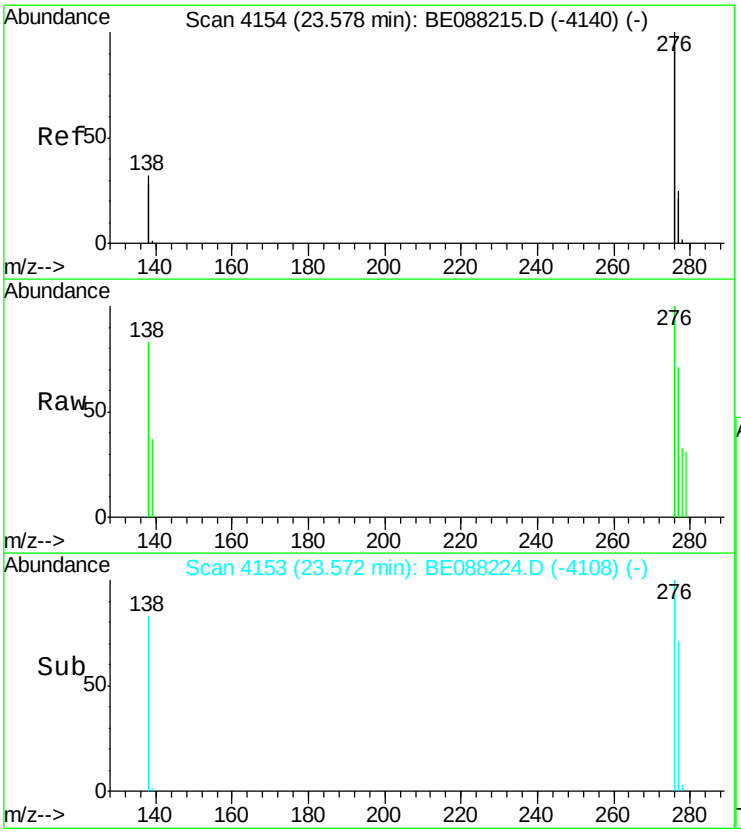
#19
Benzo(a)anthracene
Concen: 0.03 ng
RT: 18.33 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:228 Resp: 1732

Ion	Ratio	Lower	Upper
228	100		
226	34.4	20.5	30.7#
229	40.5	16.1	24.1#

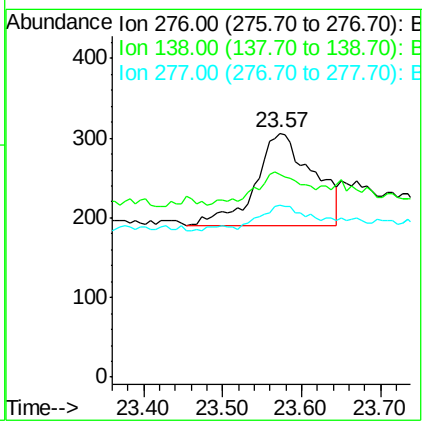


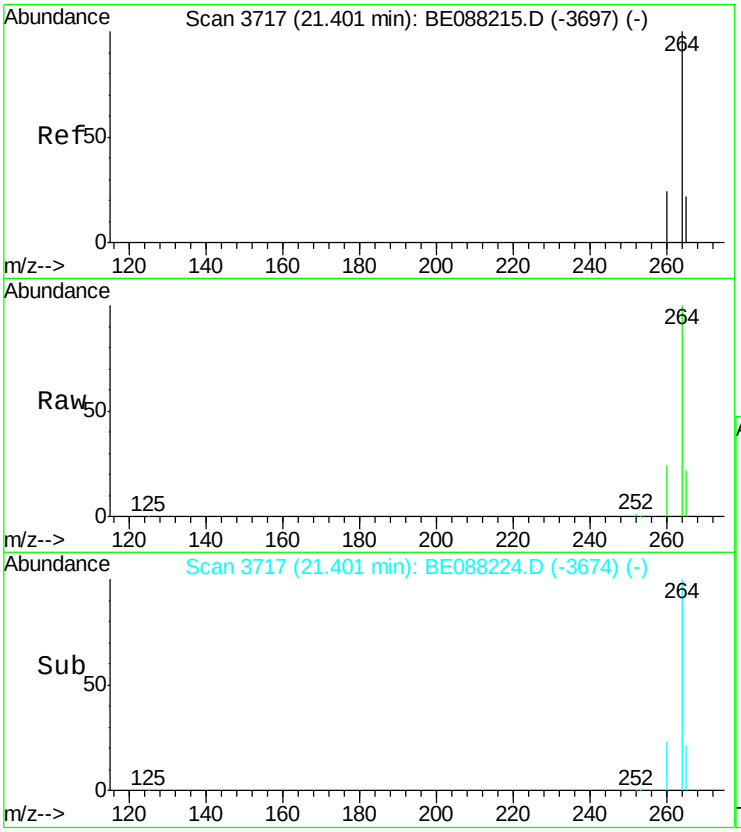


#21
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 23.57 min Scan# 4153
Delta R.T. -0.01 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion:276 Resp: 592

Ion	Ratio	Lower	Upper
276	100		
138	23.0	13.9	20.9#
277	19.4	10.7	16.1#



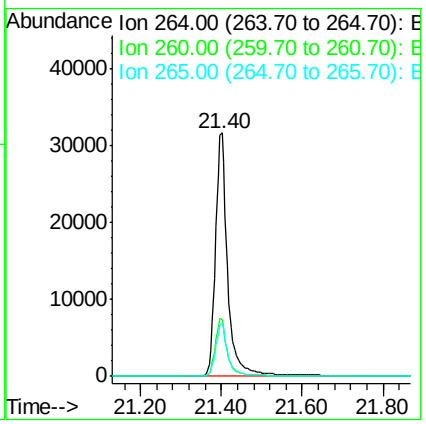


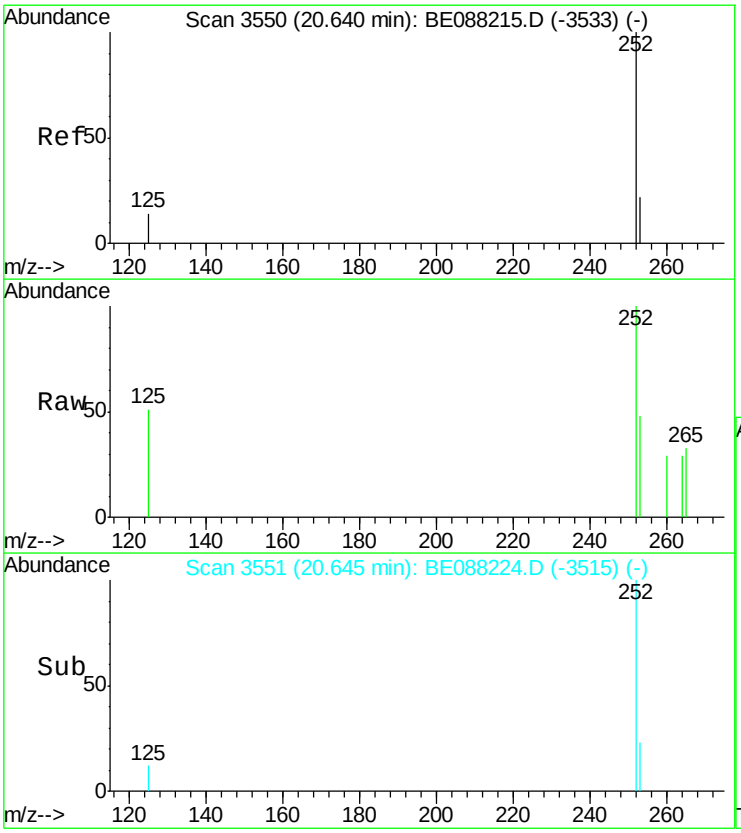
#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:264 Resp: 66443

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.6	17.4	26.2

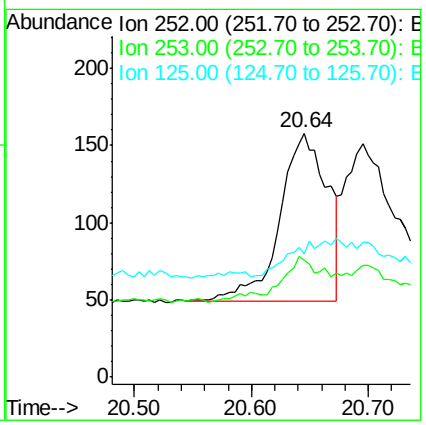


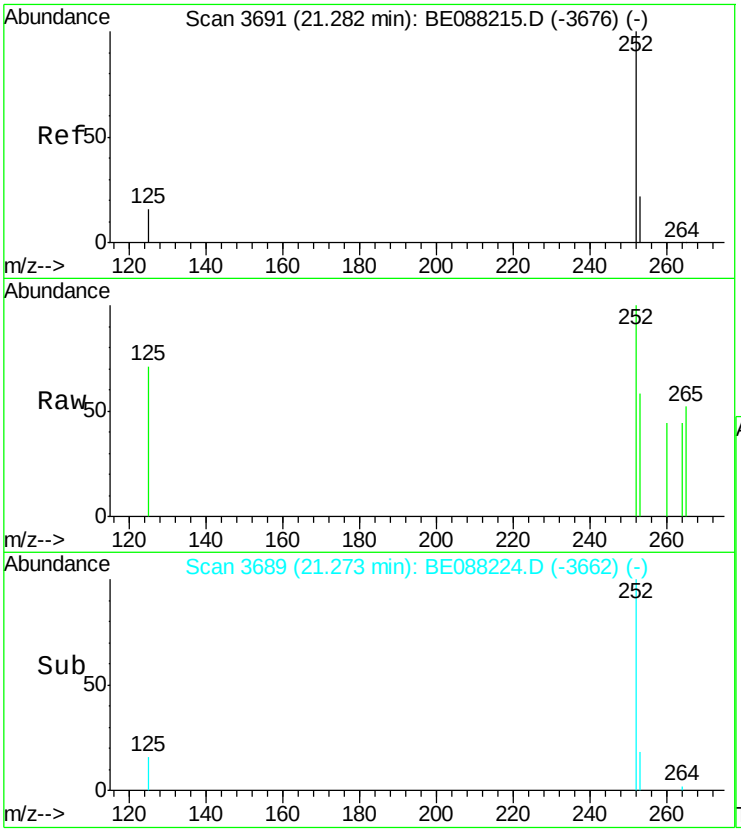


#23
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 20.64 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion:252 Resp: 308

Ion	Ratio	Lower	Upper
252	100		
253	48.1	17.9	26.9#
125	50.6	12.2	18.2#



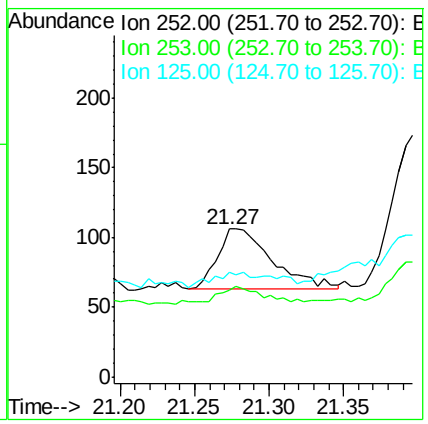


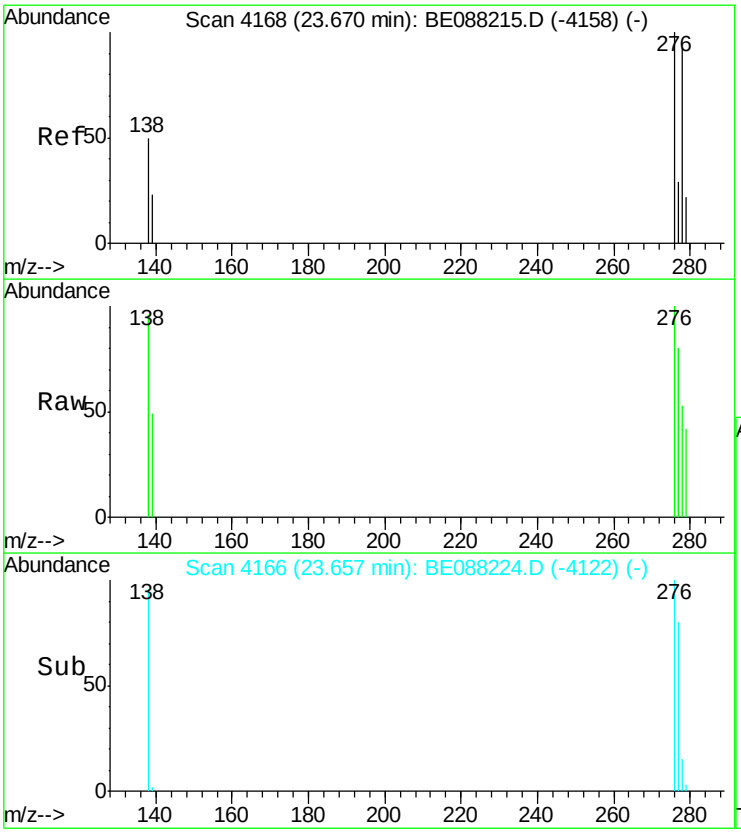
#25
Benzo(a)pyrene
Concen: 0.18 ng
RT: 21.27 min Scan# 3689
Delta R.T. -0.01 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Instrument :
BNA_E
ClientSampleId :
YS19-SW16-1014

Tgt Ion:252 Resp: 110

Ion	Ratio	Lower	Upper
252	100		
253	58.5	17.8	26.8#
125	70.8	13.5	20.3#





#26
Dibenzo(a,h)anthracene
Concen: 0.21 ng
RT: 23.66 min Scan# 4166
Delta R.T. -0.01 min
Lab File: BE088224.D
Acq: 24 Oct 2014 21:44

Tgt Ion:278 Resp: 56

Ion	Ratio	Lower	Upper
278	100		
139	92.3	22.1	33.1#
279	78.5	20.2	30.2#