Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088468.D
Acq On : 2 Nov 2014 00:50
Operator : TP/JJ
Sample : F4368-03RE
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SS33-1014RE

Quant Time: Nov 02 05:29:15 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE103114.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 01 00:42:07 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	22930	5.00	ng		0.00
3) Naphthalene-d8	8.65	136	80016	5.00	ng		0.00
7) Acenaphthene-d10	10.80	164	36775	5.00	ng		0.01
12) Phenanthrene-d10	12.91	188	74811	5.00	ng		0.00
16) Chrysene-d12	18.33	240	47604	5.00	ng		0.02
22) Perylene-d12	21.41	264	44936	5.00	ng		0.03
System Monitoring Compounds							
4) Nitrobenzene-d5	7.79	82	523387	89.19	ng		0.02
8) 2-Fluorobiphenyl	9.99	172	470744	45.41	ng		0.00
18) Terphenyl-d14	16.10	244	316785	36.22	ng		0.03
Target Compounds							Qvalue
13) Phenanthrene	12.95	178	15779	0.23	ng	#	76
14) Anthracene	13.03	178	2284	0.04	ng	#	66
15) Fluoranthene	15.19	202	5023	0.46	ng		98
17) Pyrene	15.65	202	4152	0.27	ng		97
19) Benzo(a)anthracene	18.31	228	7538	0.17	ng	#	83
20) Chrysene	18.38	228	9371	0.21	ng	#	86
21) Indeno(1,2,3-cd)pyrene	23.59	276	5175	0.13	ng	#	52

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
Data File : BE088468.D
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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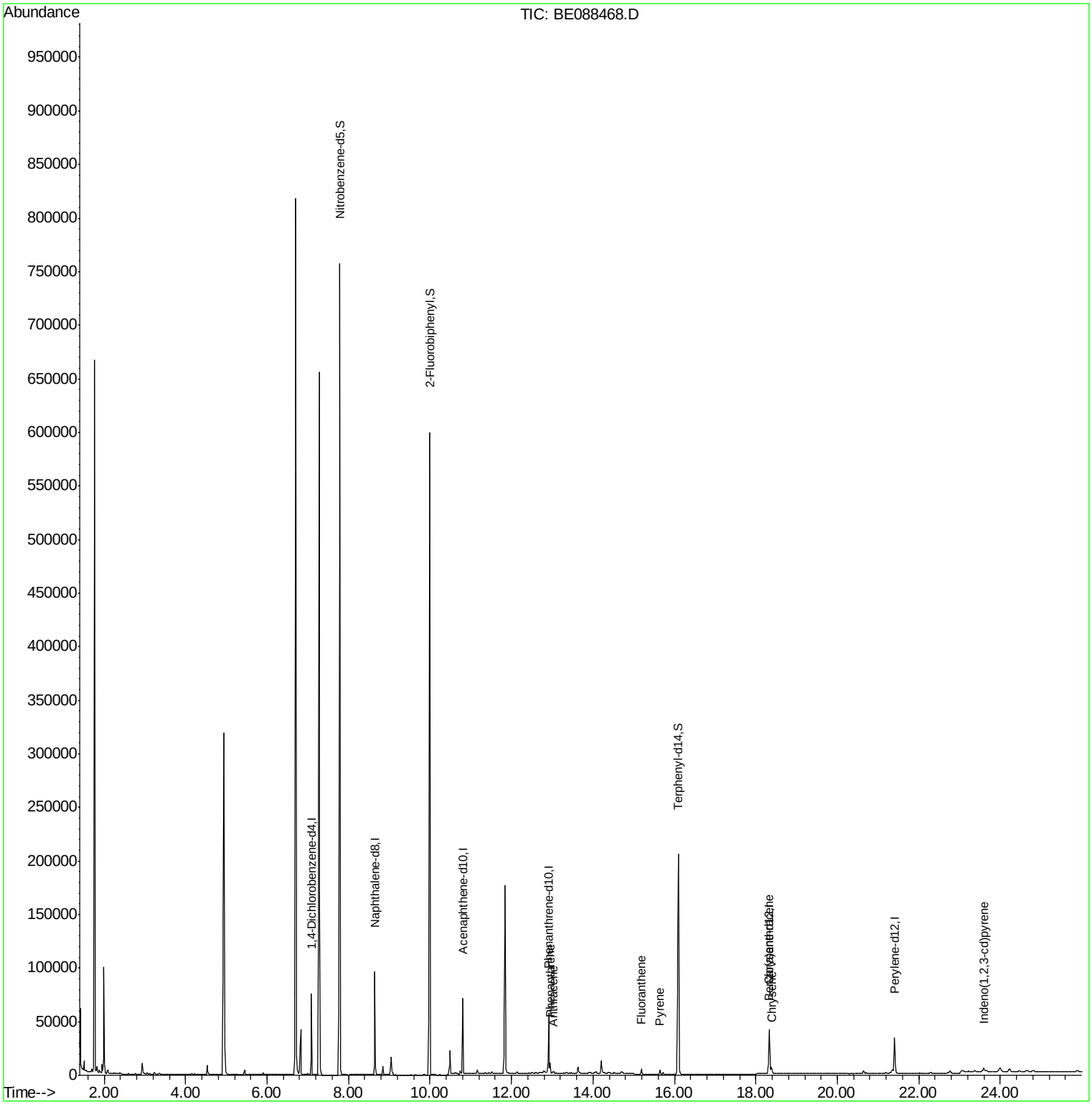
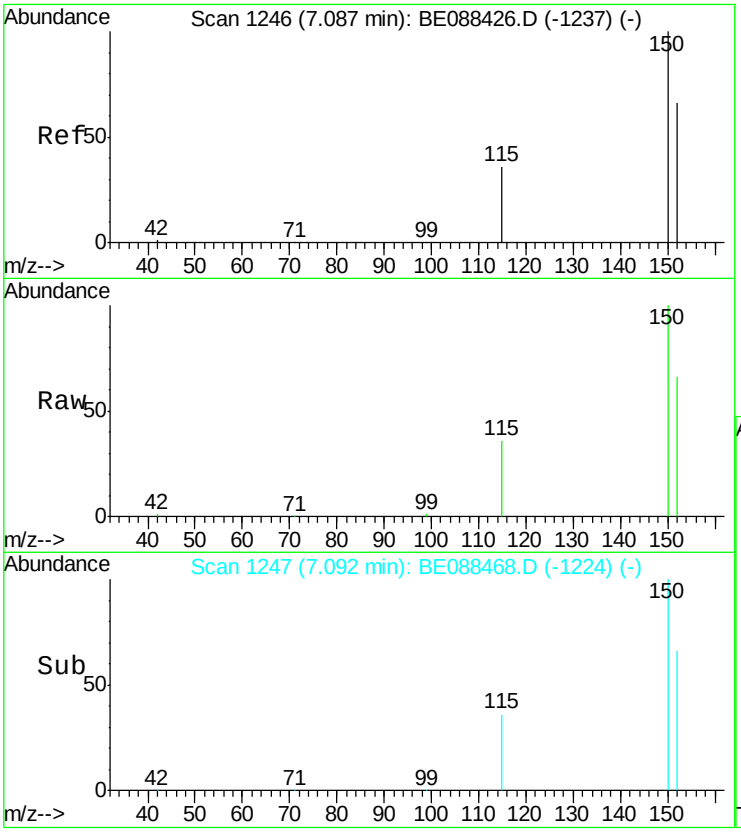


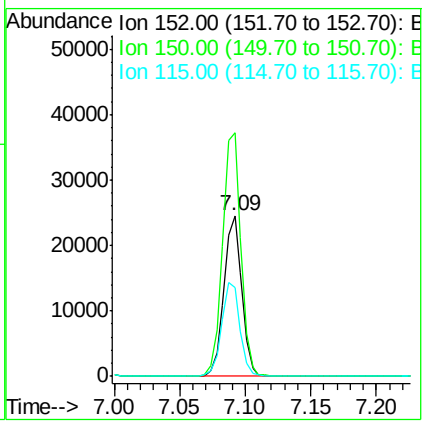


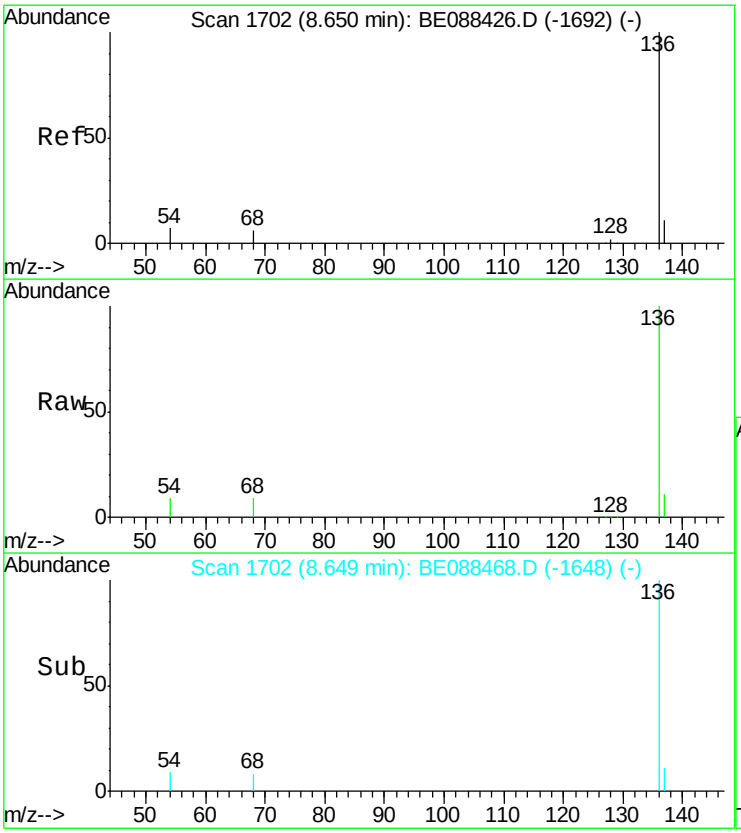
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.09 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion:152 Resp: 22930

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.8	182.8
115	55.3	43.9	65.9

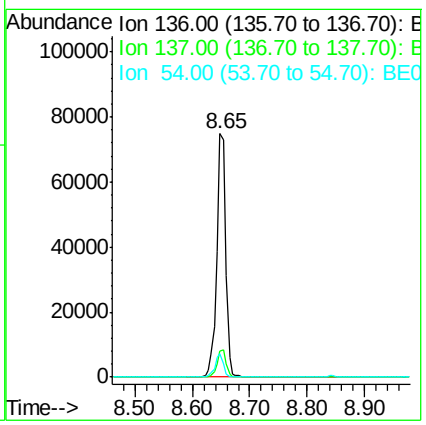


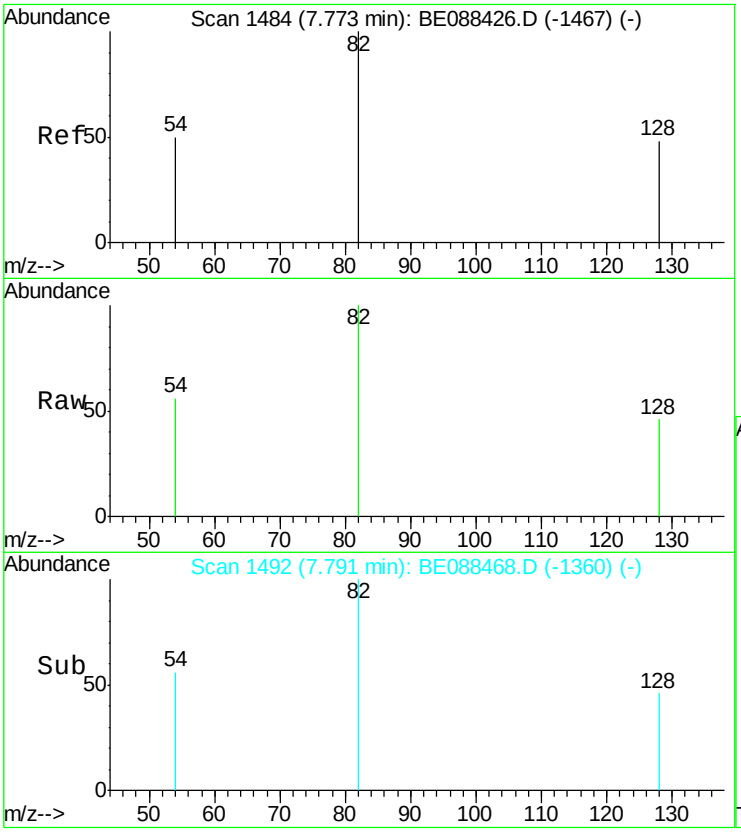


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.65 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:136 Resp: 80016

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.4	5.3	7.9#



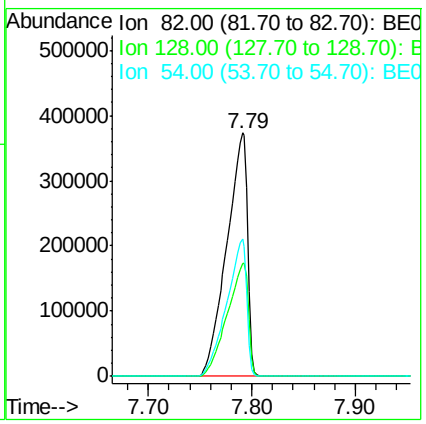


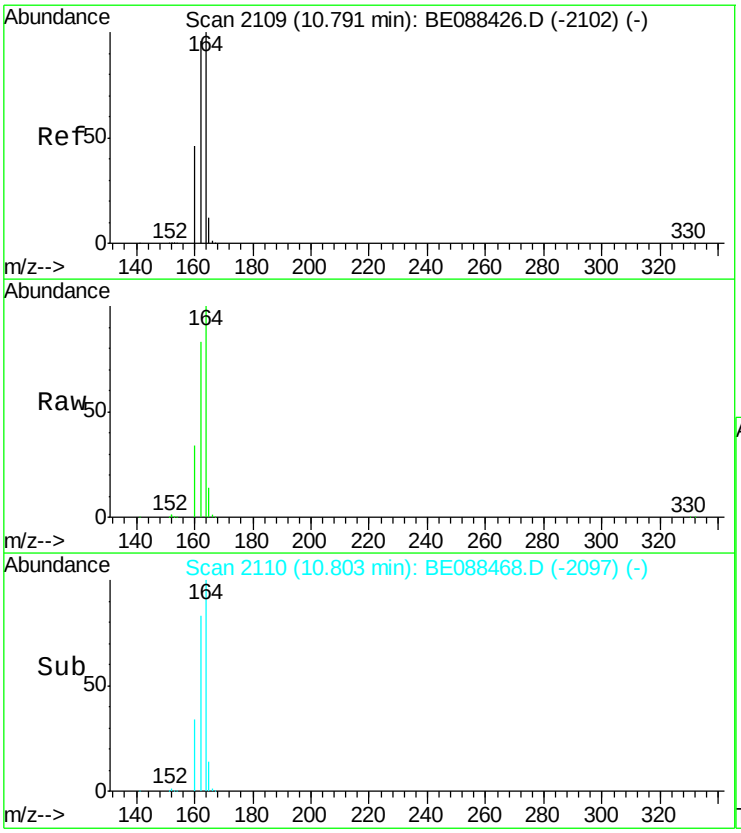
#4
Nitrobenzene-d5
Concen: 89.19 ng
RT: 7.79 min Scan# 1492
Delta R.T. 0.02 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion: 82 Resp: 523387

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.4	57.6
54	56.5	40.2	60.2

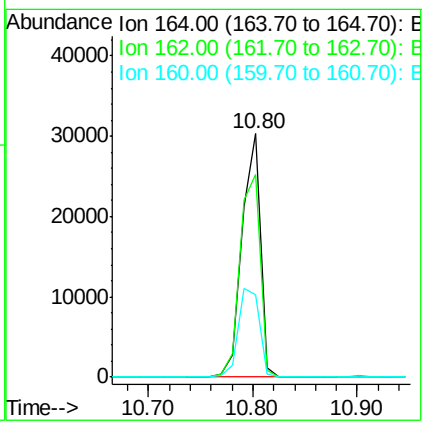


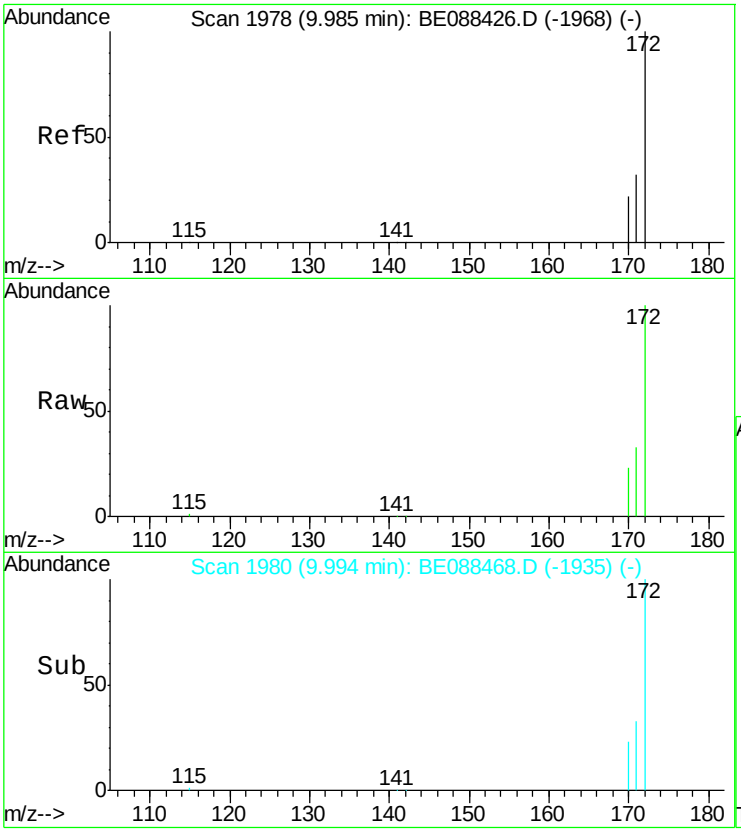


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.80 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:164 Resp: 36775

Ion	Ratio	Lower	Upper
164	100		
162	83.5	77.0	115.4
160	33.7	36.8	55.2#



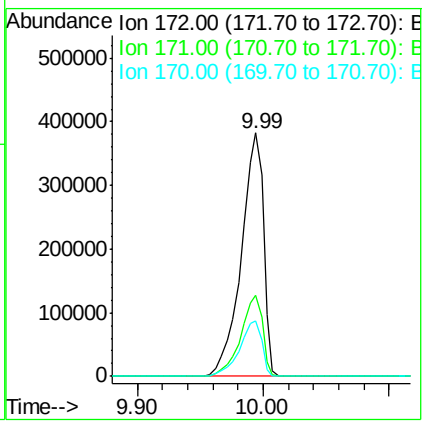


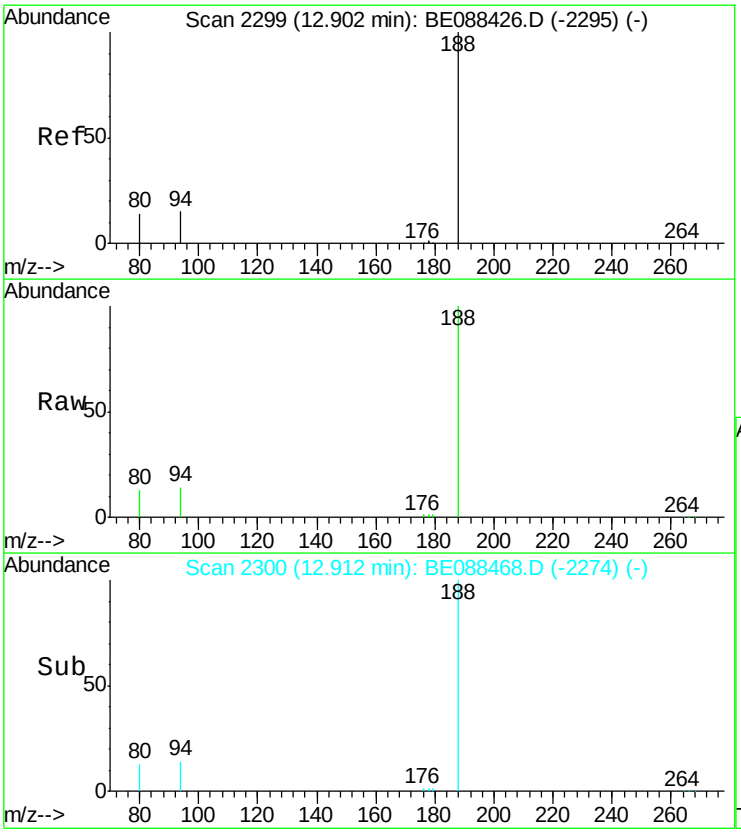
#8
2-Fluorobiphenyl
Concen: 45.41 ng
RT: 9.99 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion:172 Resp: 470744

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.0	39.0
170	23.0	17.6	26.4

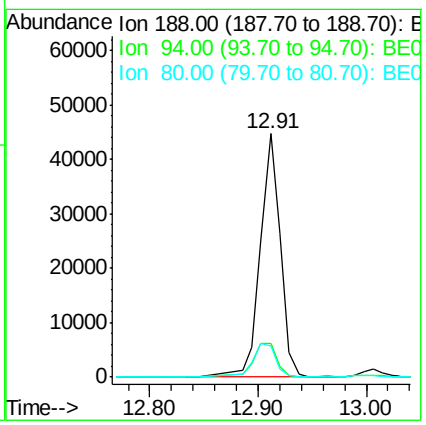


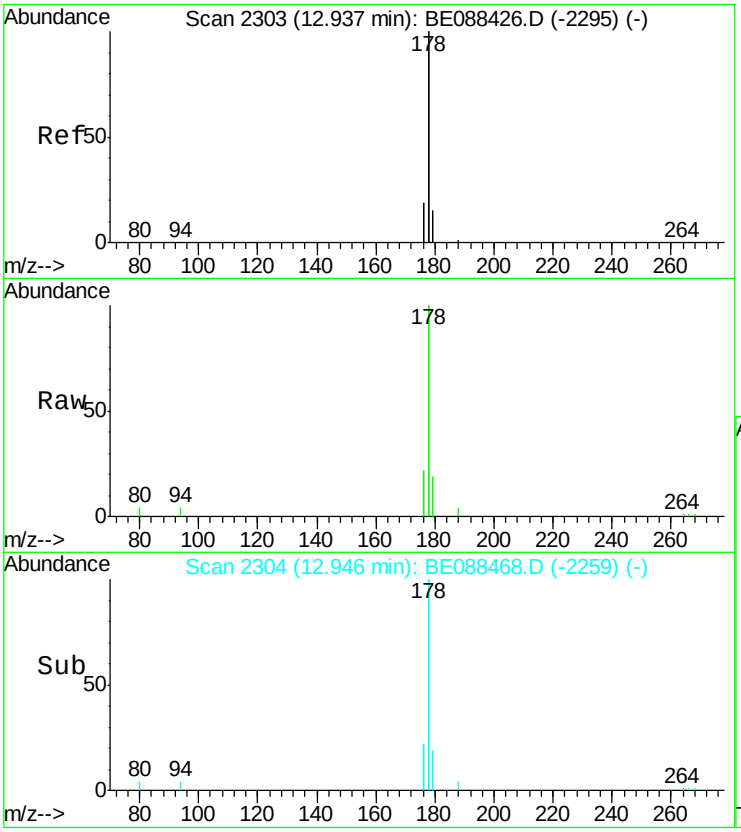


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.91 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:188 Resp: 74811

Ion	Ratio	Lower	Upper
188	100		
94	13.9	11.8	17.8
80	12.8	10.9	16.3



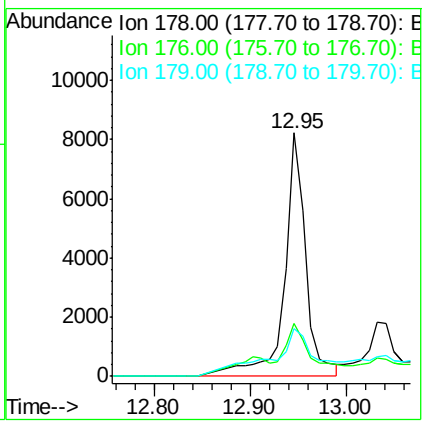


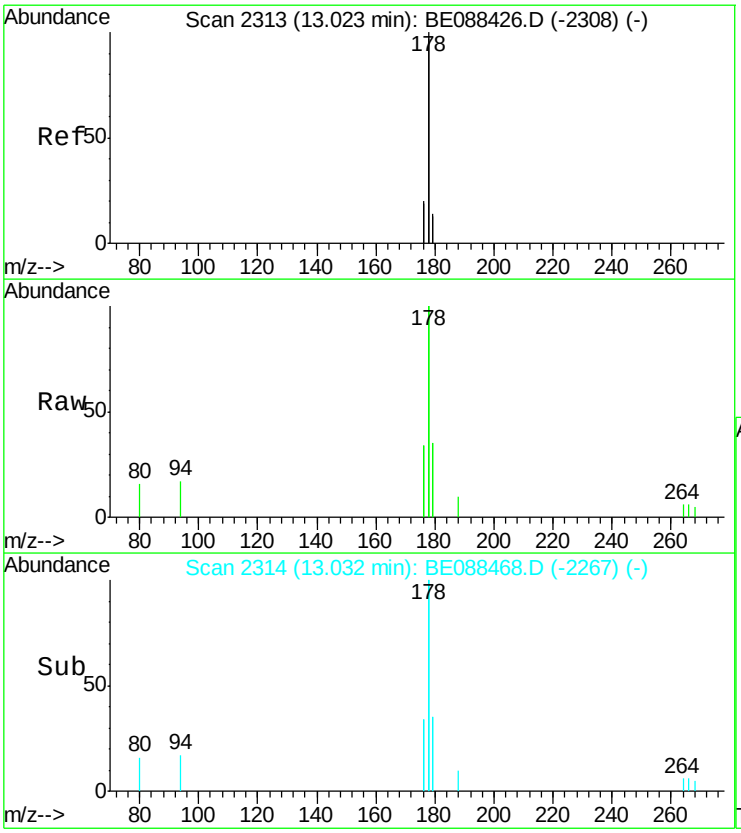
#13
Phenanthrene
Concen: 0.23 ng
RT: 12.95 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion:178 Resp: 15779

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	38.3	12.8	19.2#

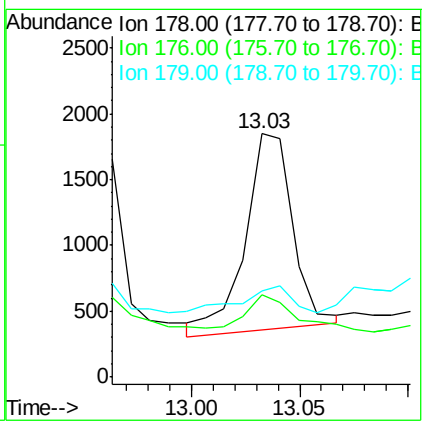


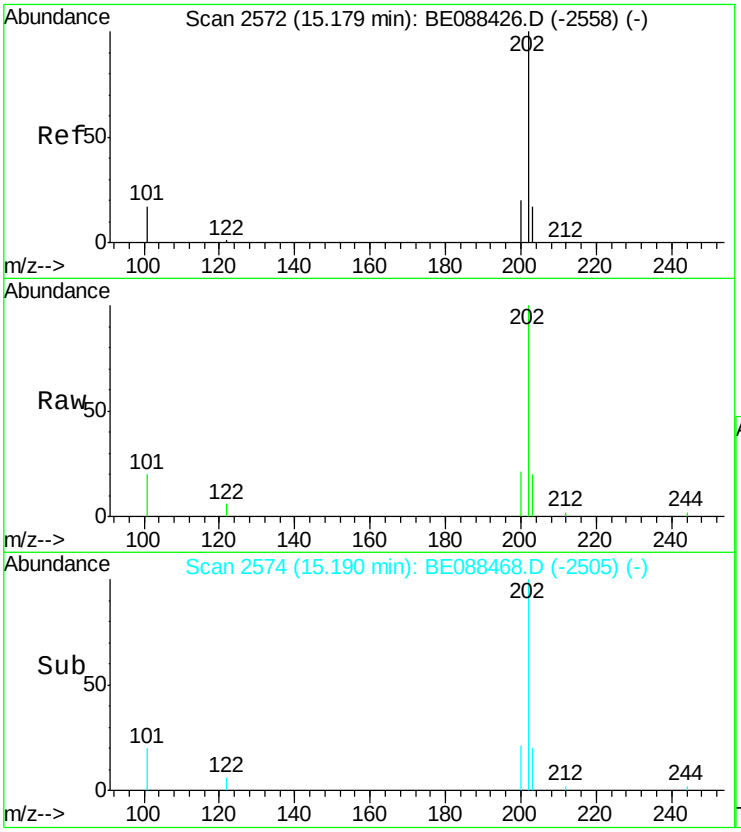


#14
Anthracene
Concen: 0.04 ng
RT: 13.03 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:178 Resp: 2284

Ion	Ratio	Lower	Upper
178	100		
176	33.2	15.0	22.4#
179	0.0	12.5	18.7#



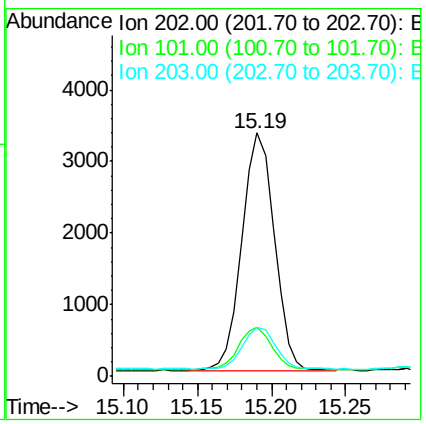


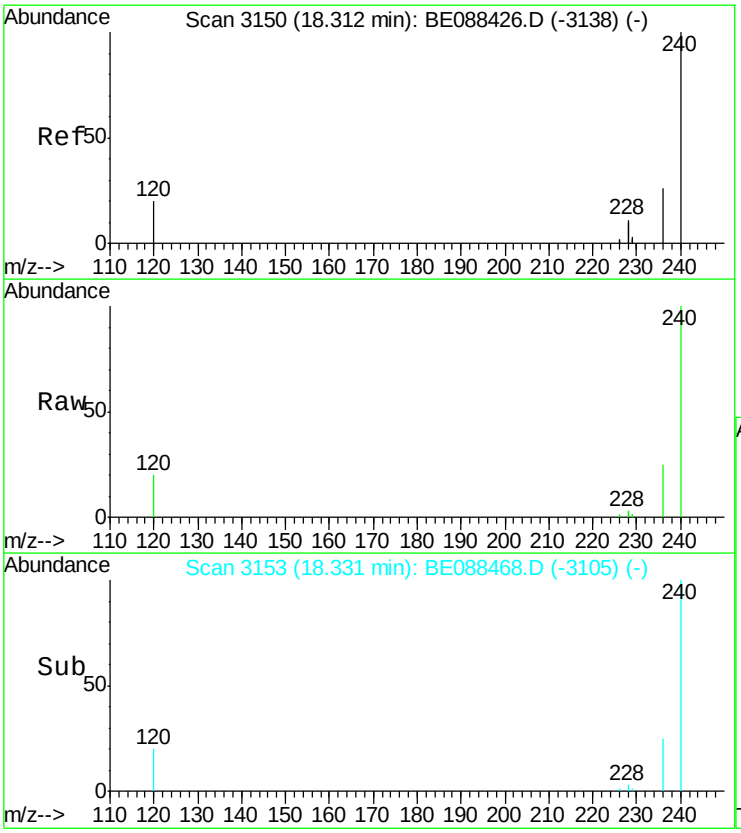
#15
Fluoranthene
Concen: 0.46 ng
RT: 15.19 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion:202 Resp: 5023

Ion	Ratio	Lower	Upper
202	100		
101	17.7	14.3	21.5
203	18.1	13.6	20.4

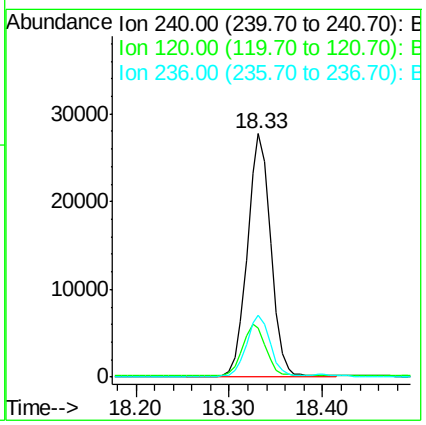


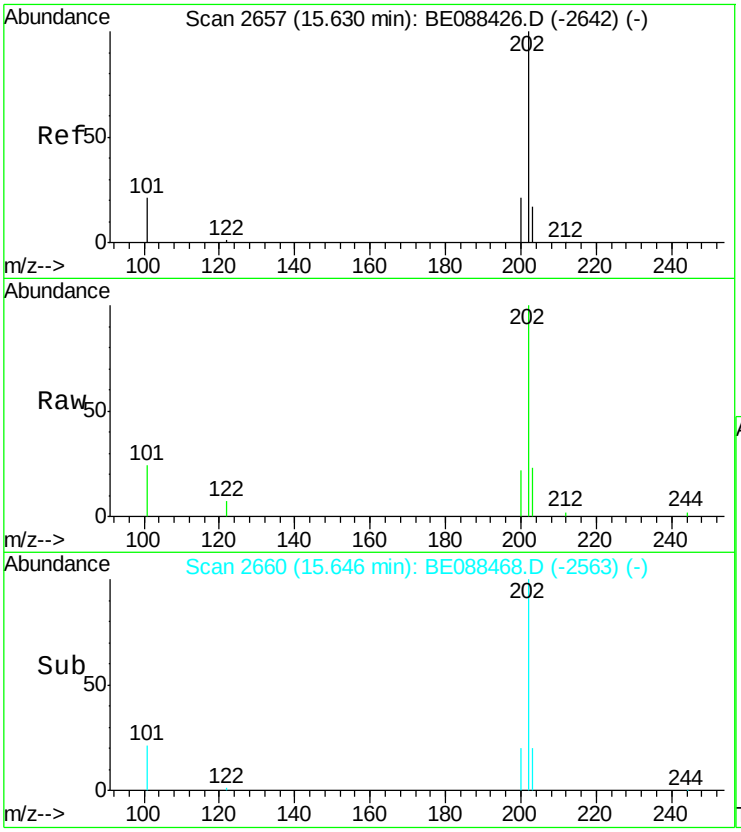


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.33 min Scan# 3153
Delta R.T. 0.02 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:240 Resp: 47604

Ion	Ratio	Lower	Upper
240	100		
120	20.1	16.4	24.6
236	25.4	20.5	30.7



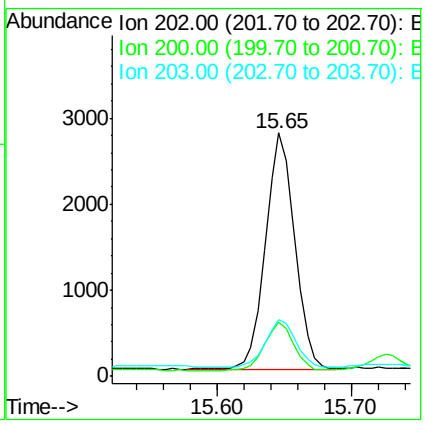


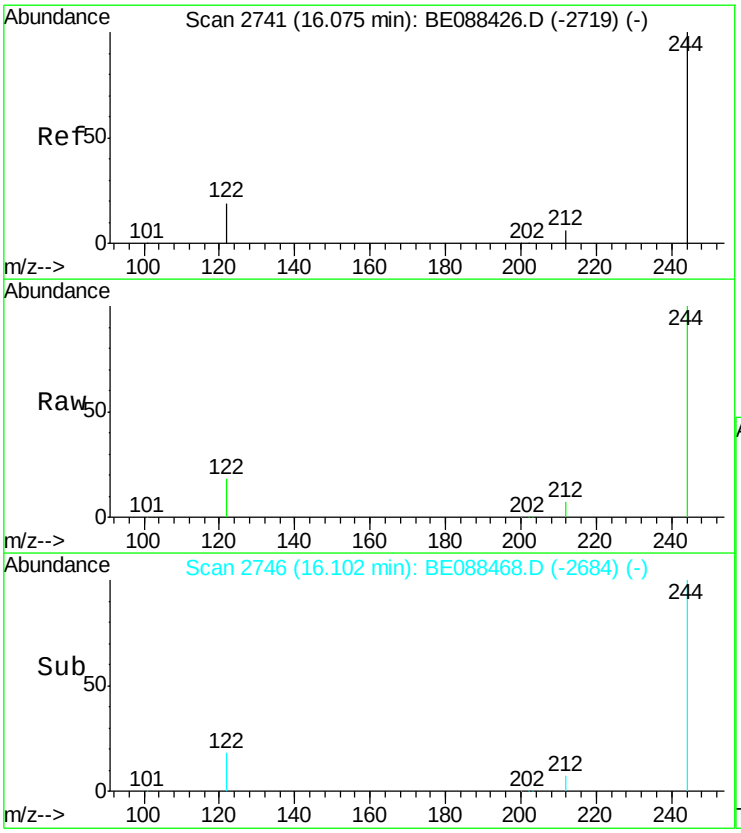
#17
Pyrene
Concen: 0.27 ng
RT: 15.65 min Scan# 2660
Delta R.T. 0.02 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion:202 Resp: 4152

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	20.2	13.8	20.8

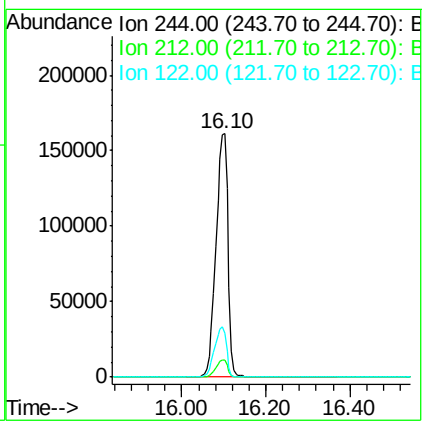


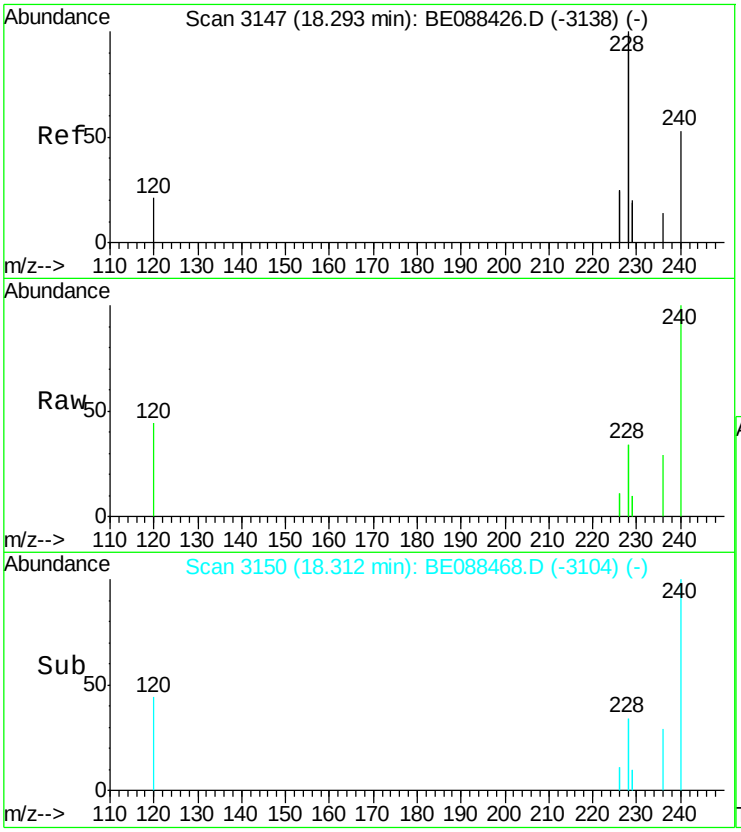


#18
Terphenyl-d14
Concen: 36.22 ng
RT: 16.10 min Scan# 2746
Delta R.T. 0.03 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:244 Resp: 316785

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	18.2	15.6	23.4



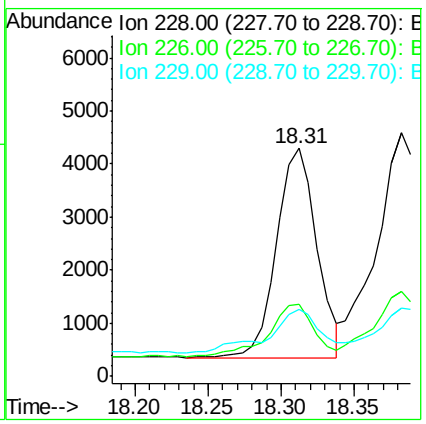


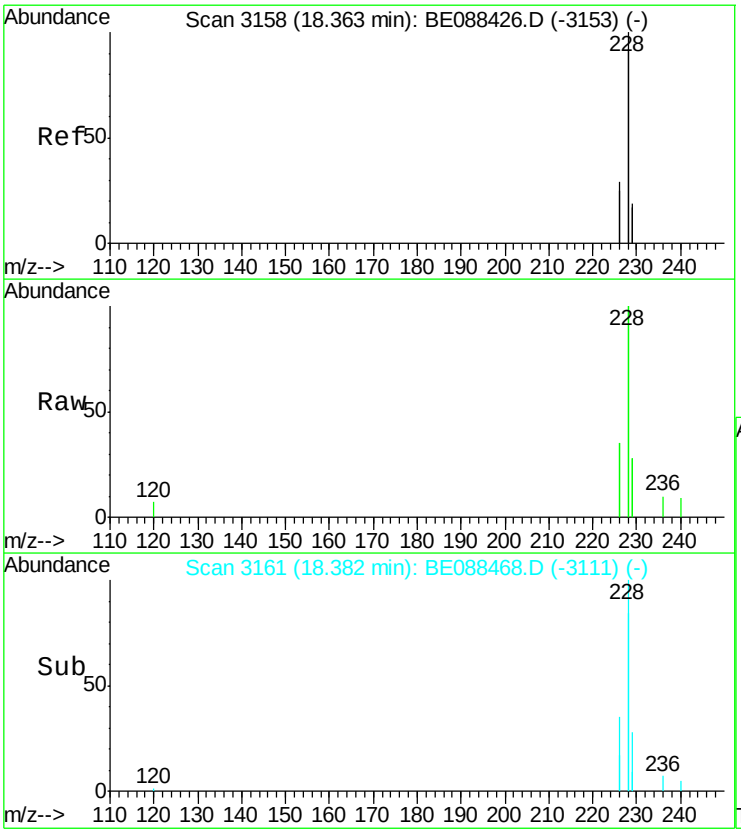
#19
Benzo(a)anthracene
Concen: 0.17 ng
RT: 18.31 min Scan# 3150
Delta R.T. 0.02 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion:228 Resp: 7538

Ion	Ratio	Lower	Upper
228	100		
226	31.5	19.8	29.6#
229	29.5	16.0	24.0#

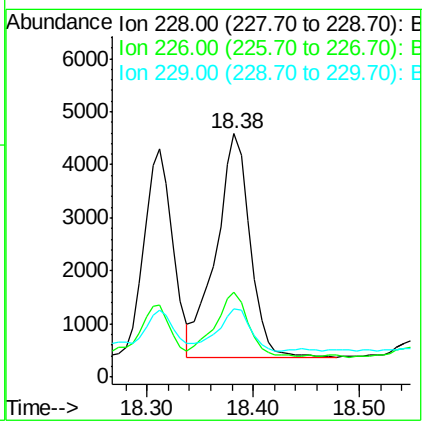


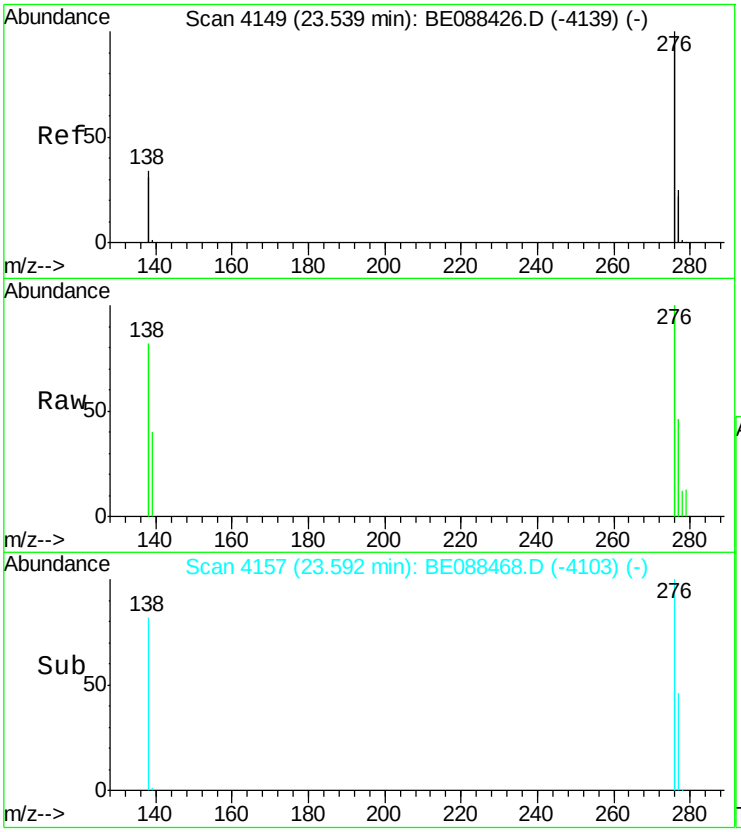


#20
Chrysene
Concen: 0.21 ng
RT: 18.38 min Scan# 3161
Delta R.T. 0.02 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:228 Resp: 9371

Ion	Ratio	Lower	Upper
228	100		
226	35.0	23.6	35.4
229	27.9	15.4	23.2#



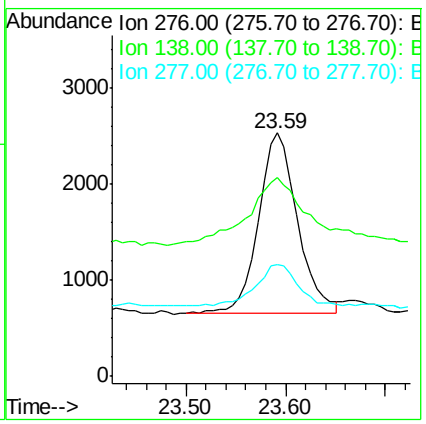


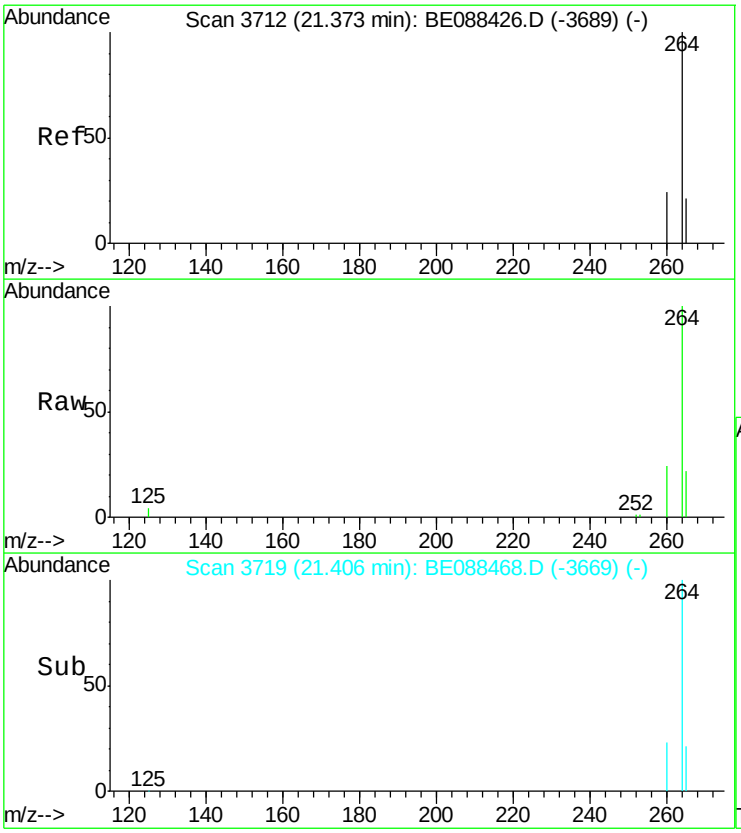
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng
RT: 23.59 min Scan# 4157
Delta R.T. 0.05 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Instrument :
BNA_E
ClientSampleId :
YS19-SS33-1014RE

Tgt Ion:276 Resp: 5175

Ion	Ratio	Lower	Upper
276	100		
138	62.6	20.2	30.2#
277	24.2	14.8	22.2#





#22
Perylene-d12
Concen: 5.00 ng
RT: 21.41 min Scan# 3719
Delta R.T. 0.03 min
Lab File: BE088468.D
Acq: 2 Nov 2014 00:50

Tgt Ion:264 Resp: 44936

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	17.2	25.8