Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088147.D
Acq On : 21 Oct 2014 17:59
Operator : TP/JJ
Sample : F4351-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SW03-1014

Quant Time: Oct 22 04:38:08 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	34238	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	127778	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	56961	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	103193	5.00	ng		0.00
16) Chrysene-d12	18.38	240	70387	5.00	ng		0.00
22) Perylene-d12	21.44	264	66049	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.82	82	57032	6.19	ng		0.00
8) 2-Fluorobiphenyl	10.03	172	95781	6.09	ng		0.00
18) Terphenyl-d14	16.15	244	86906	7.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	11735	2.38	ng	#	1
13) Phenanthrene	13.01	178	3055	Below Cal		#	72
15) Fluoranthene	15.24	202	1017	0.05	ng		99
17) Pyrene	15.70	202	1022	0.05	ng		98
19) Benzo(a)anthracene	18.36	228	3427	0.05	ng	#	82
20) Chrysene	18.44	228	4533	0.07	ng	#	87
23) Benzo(b)fluoranthene	20.69	252	405	0.03	ng	#	49
24) Benzo(k)fluoranthene	20.74	252	432	0.03	ng	#	55

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
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Acq On : 21 Oct 2014 17:59
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Misc :
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Instrument :
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YS19-SW03-1014

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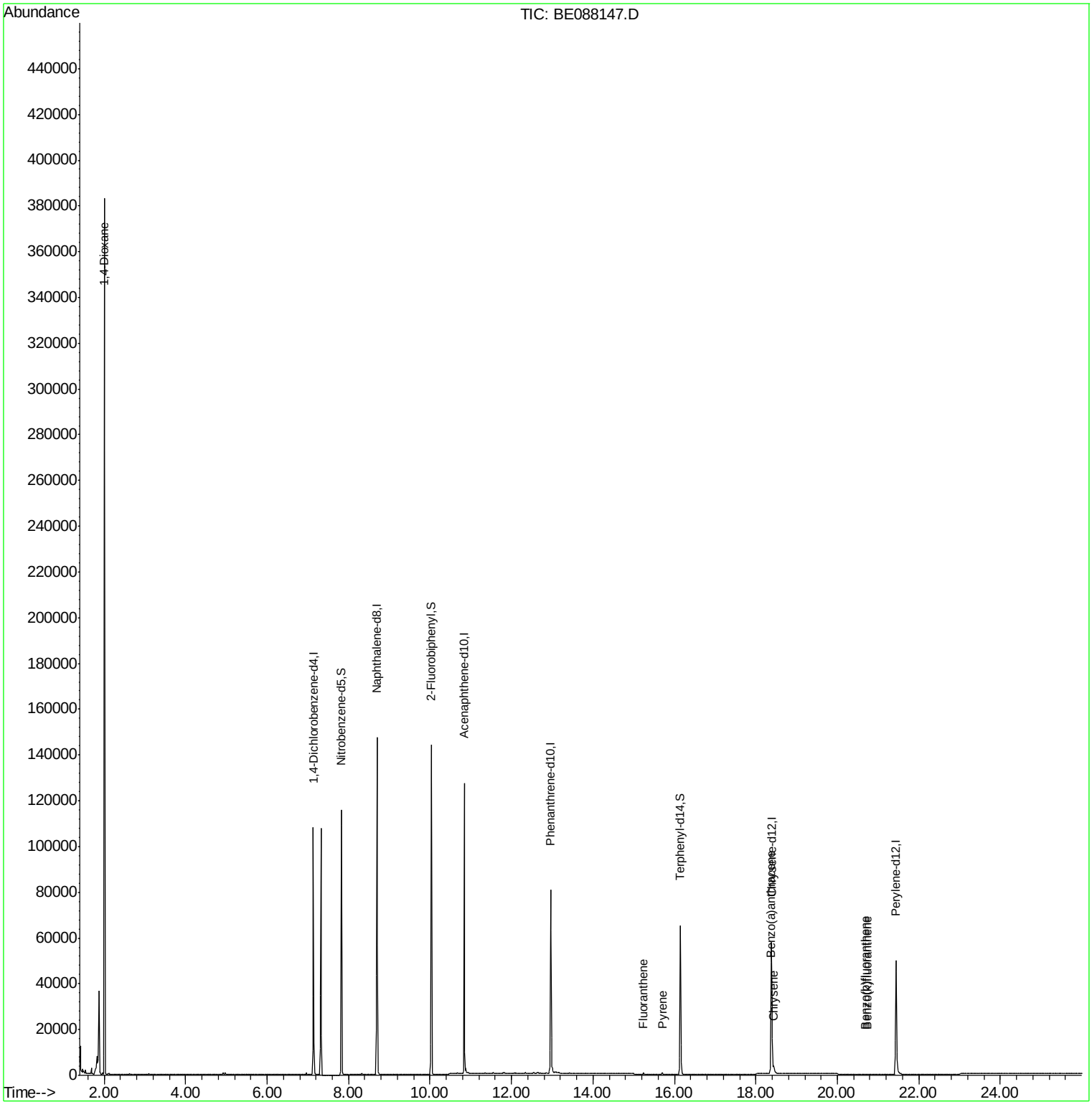
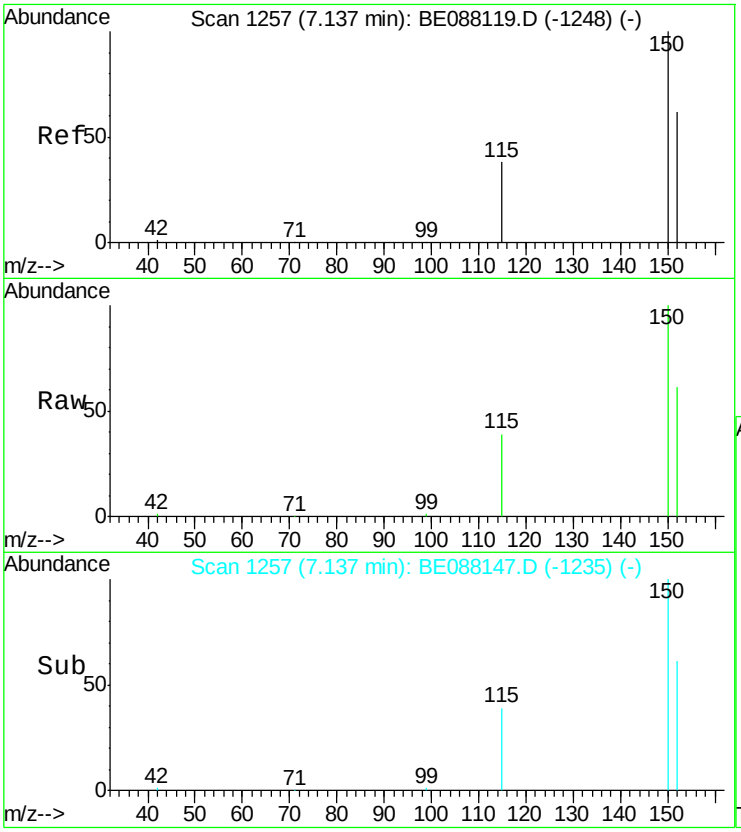
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:11:14 2014
Response via : Initial Calibration



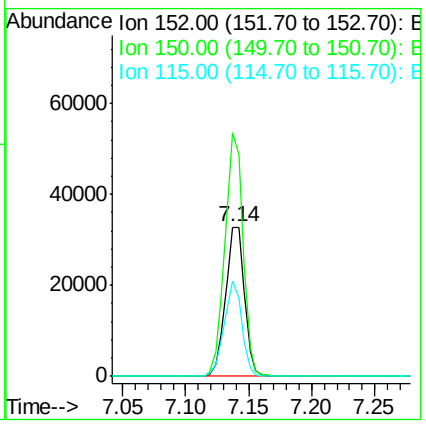


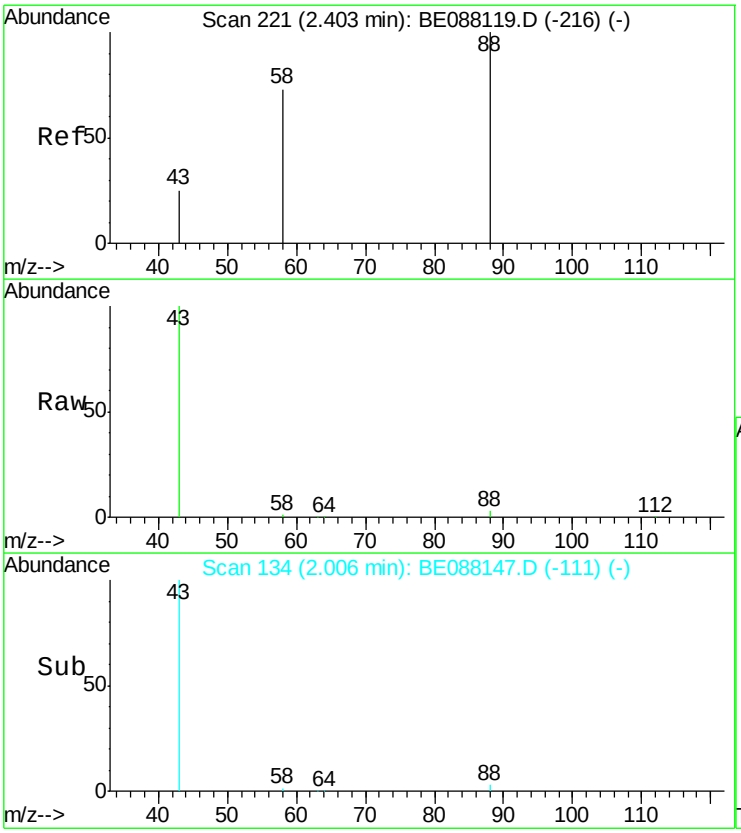
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:152 Resp: 34238

Ion	Ratio	Lower	Upper
152	100		
150	162.8	129.2	193.8
115	63.5	49.3	73.9

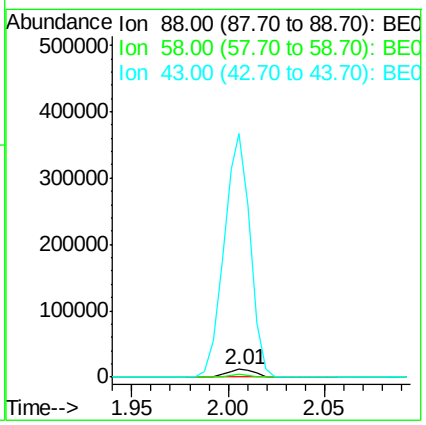


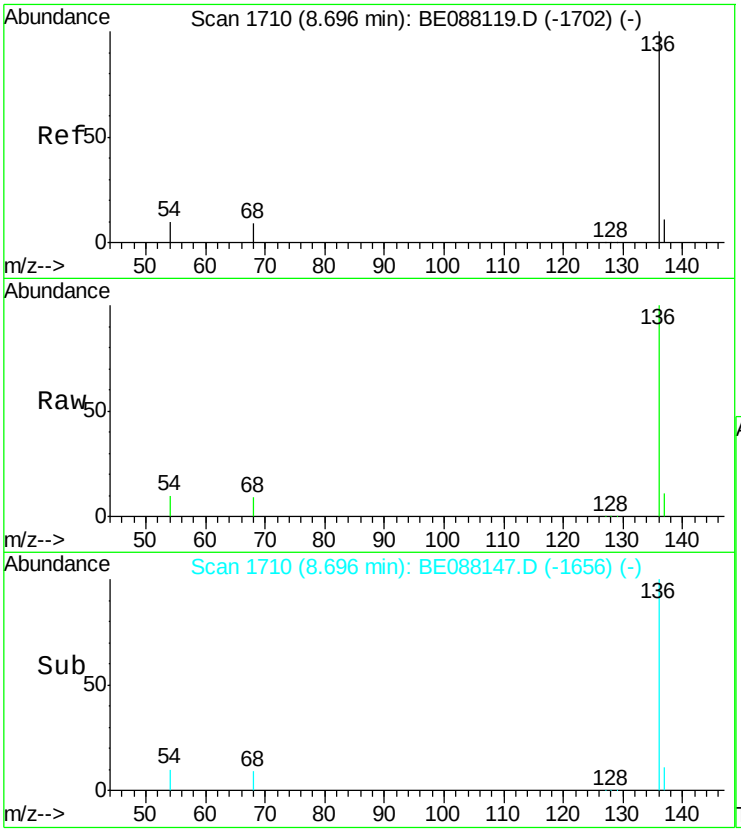


#2
1,4-Dioxane
Concen: 2.38 ng
RT: 2.01 min Scan# 134
Delta R.T. -0.40 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion: 88 Resp: 11735

Ion	Ratio	Lower	Upper
88	100		
58	27.5	59.5	89.3#
43	2960.6	21.2	31.8#



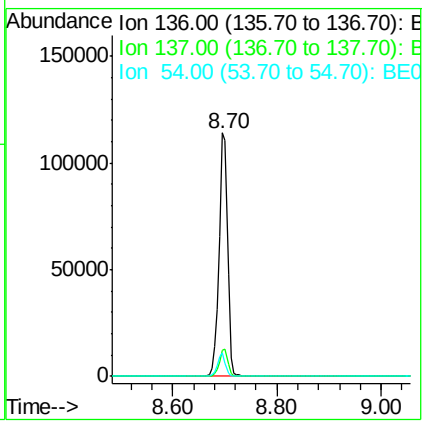


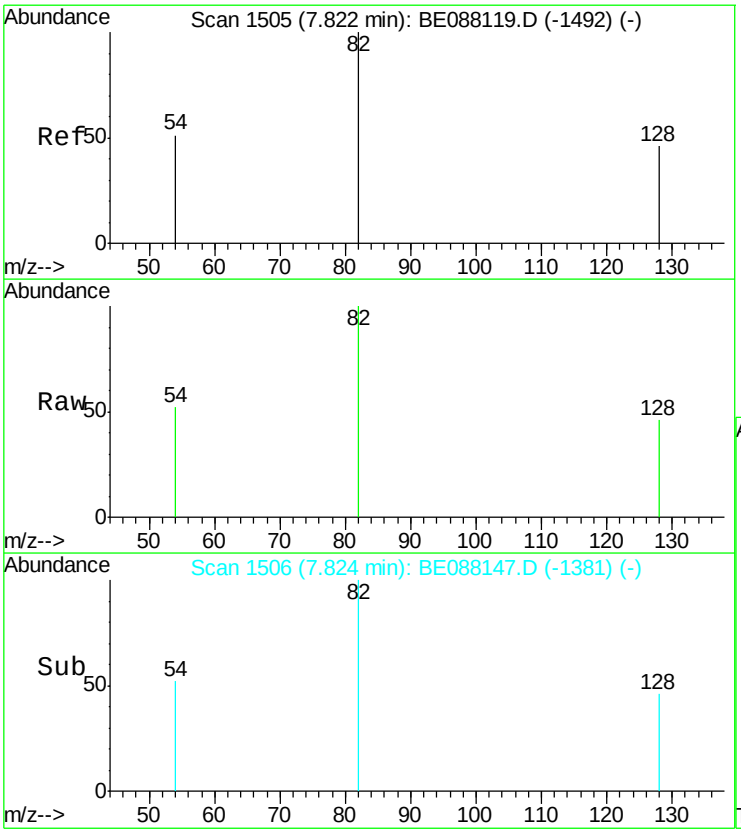
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:136 Resp: 127778

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.8	7.7	11.5

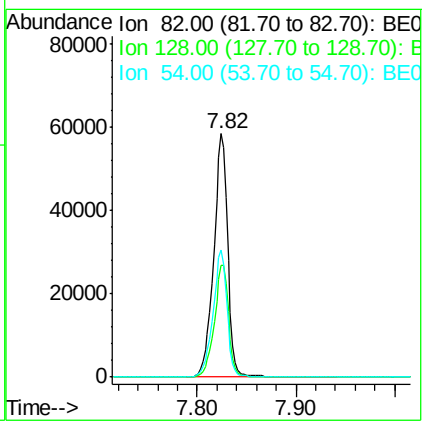


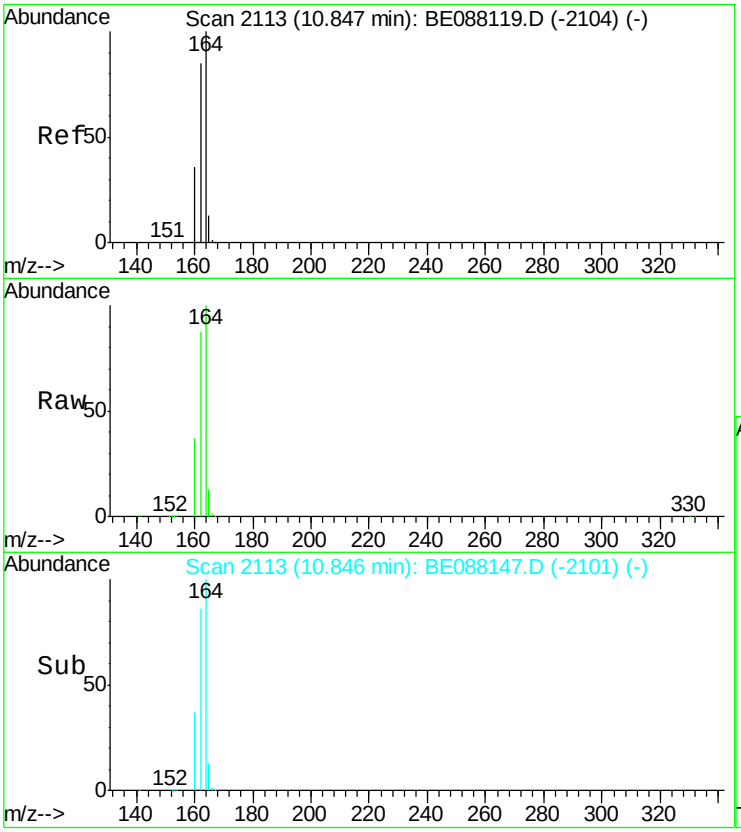


#4
Nitrobenzene-d5
Concen: 6.19 ng
RT: 7.82 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion: 82 Resp: 57032

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.1	55.7
54	52.1	41.1	61.7



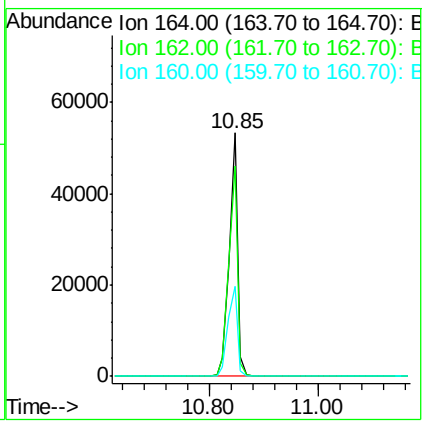


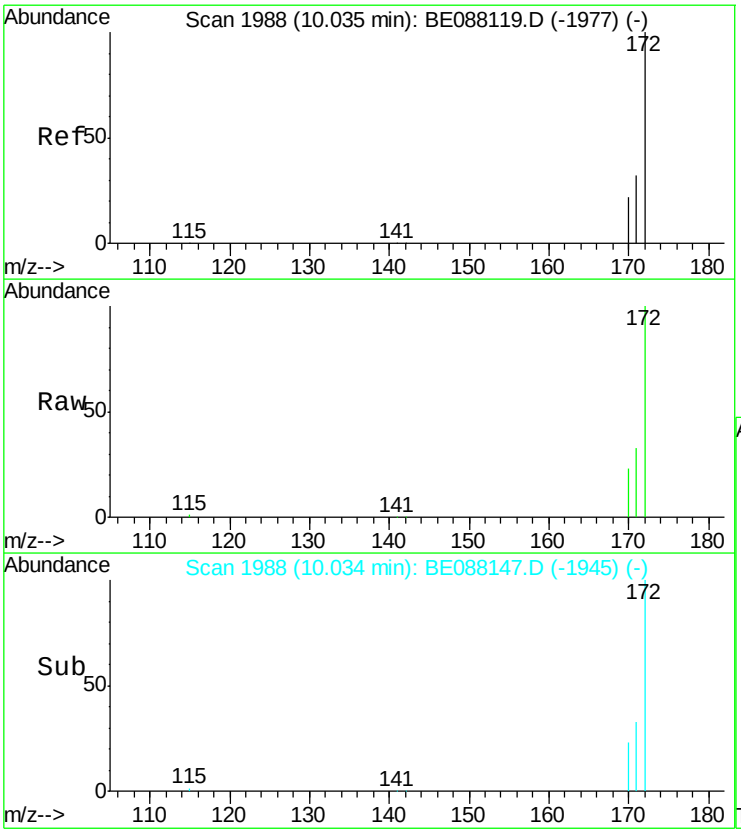
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:164 Resp: 56961

Ion	Ratio	Lower	Upper
164	100		
162	86.5	68.3	102.5
160	37.1	28.7	43.1

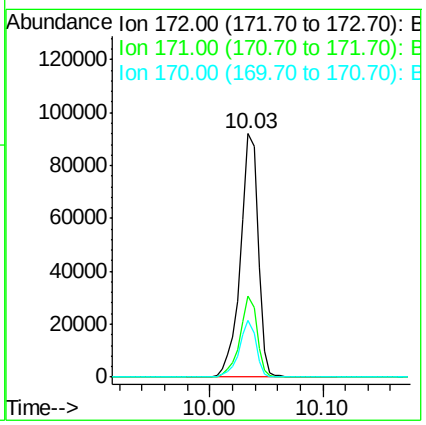


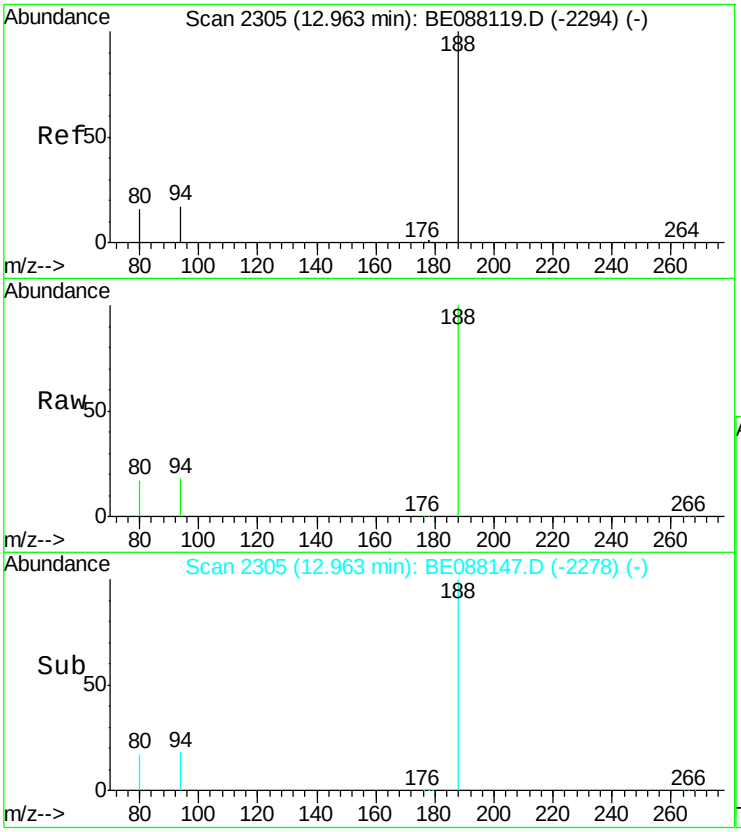


#8
2-Fluorobiphenyl
Concen: 6.09 ng
RT: 10.03 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion:172 Resp: 95781

Ion	Ratio	Lower	Upper
172	100		
171	33.1	25.4	38.2
170	23.2	17.4	26.2



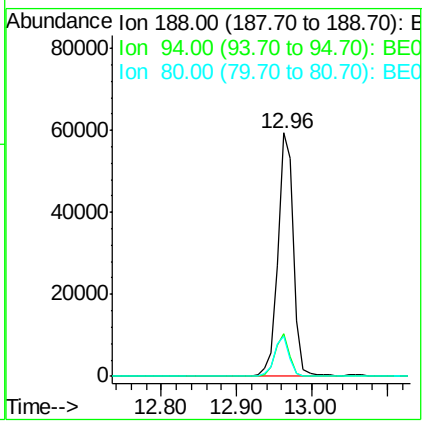


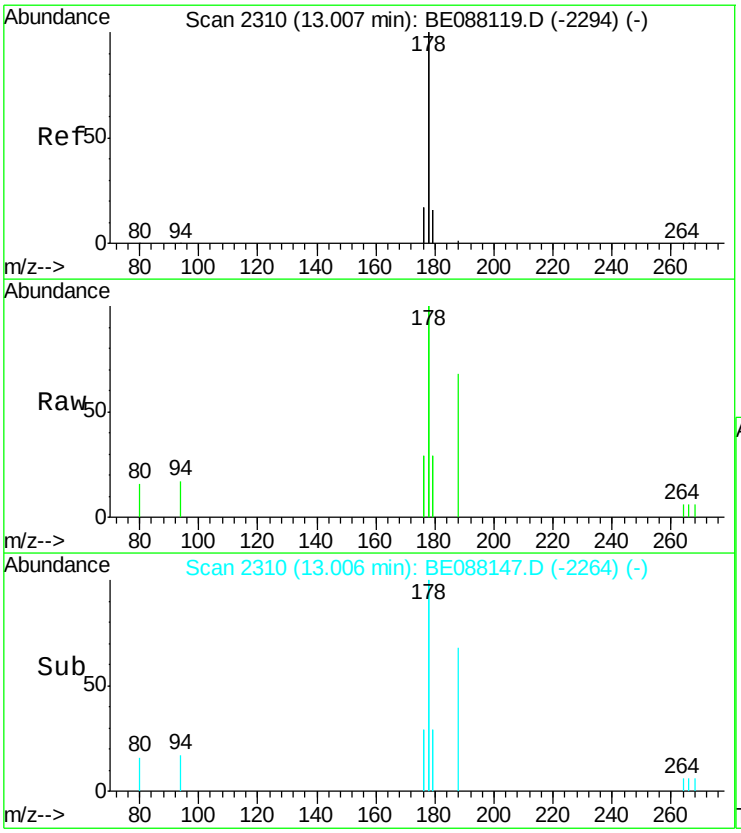
#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:188 Resp: 103193

Ion	Ratio	Lower	Upper
188	100		
94	17.8	13.9	20.9
80	16.7	12.9	19.3

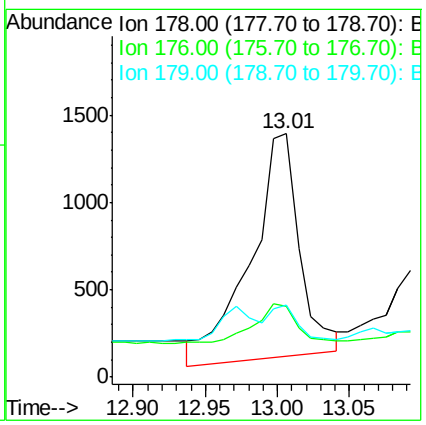


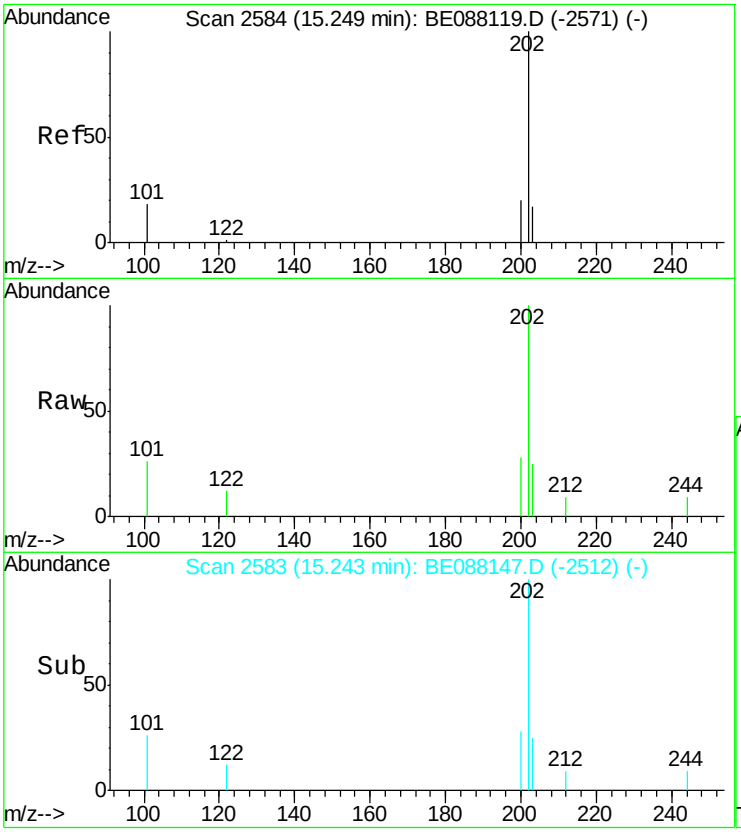


#13
Phenanthrene
Concen: Below Cal
RT: 13.01 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion:178 Resp: 3055

Ion	Ratio	Lower	Upper
178	100		
176	22.4	12.5	18.7#
179	0.0	13.5	20.3#



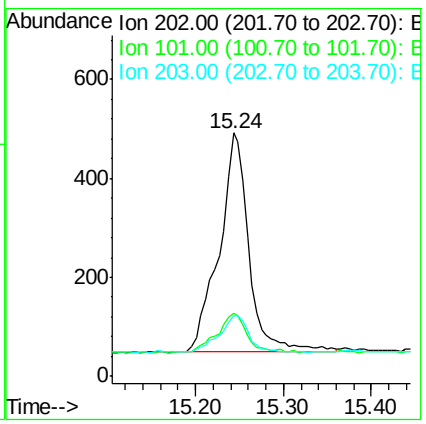


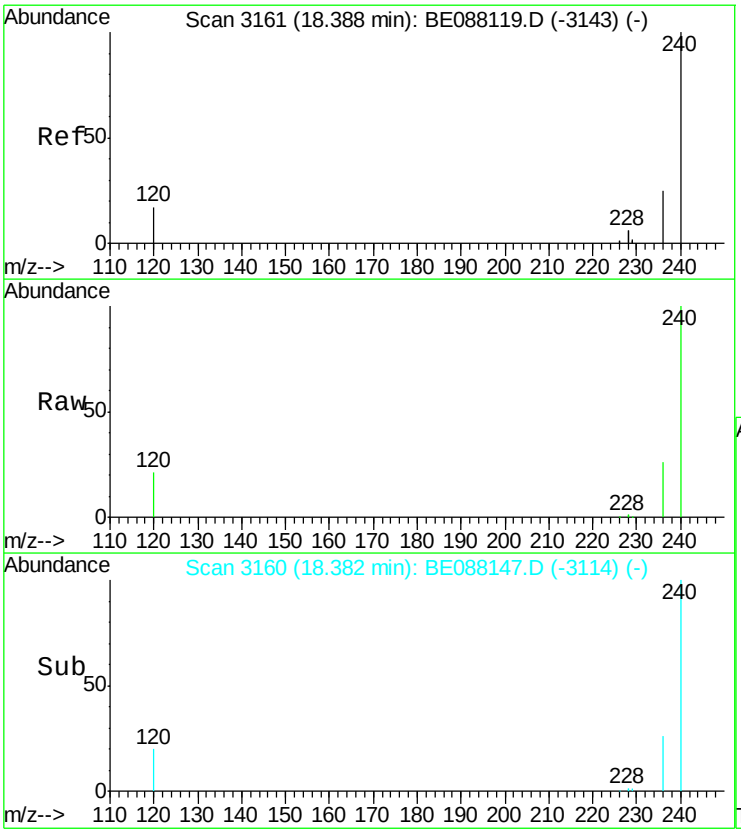
#15
Fluoranthene
Concen: 0.05 ng
RT: 15.24 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:202 Resp: 1017

Ion	Ratio	Lower	Upper
202	100		
101	18.3	14.8	22.2
203	16.2	13.5	20.3

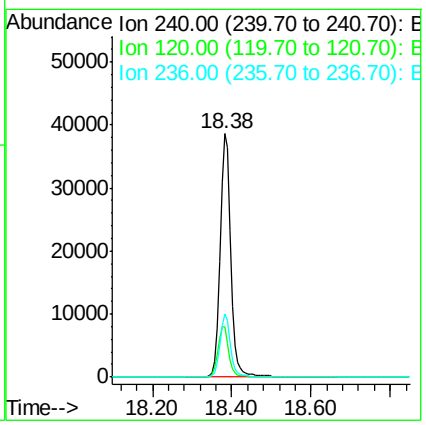


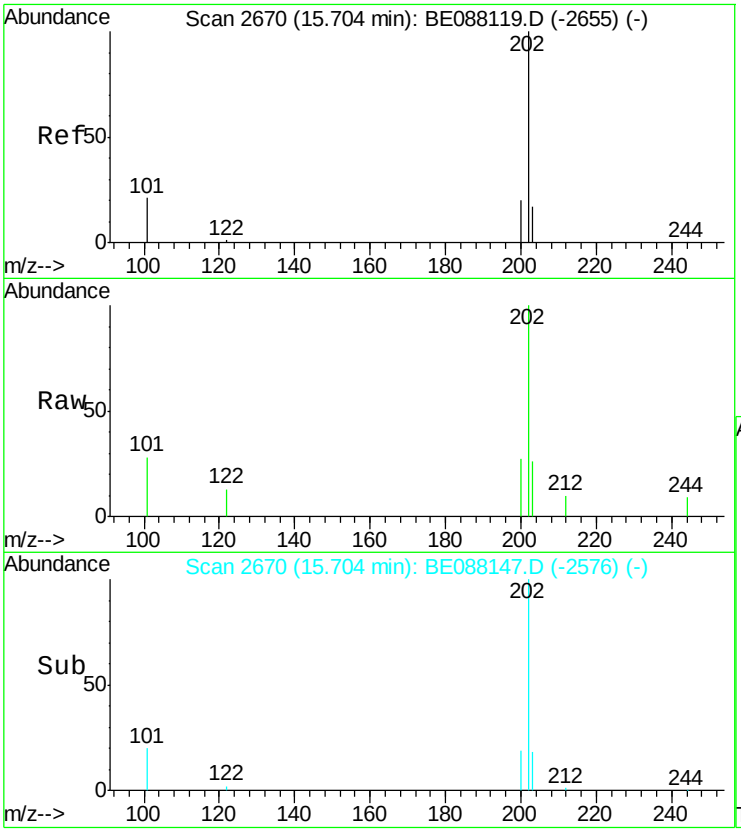


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion:240 Resp: 70387

Ion	Ratio	Lower	Upper
240	100		
120	20.6	13.9	20.9
236	26.0	19.9	29.9



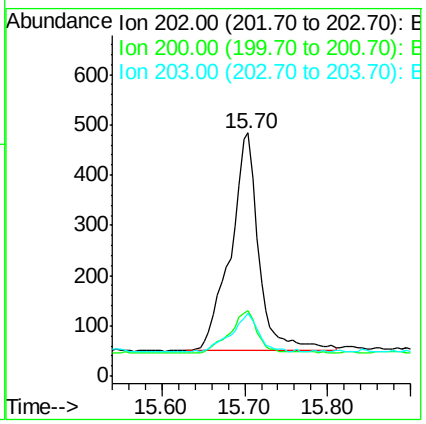


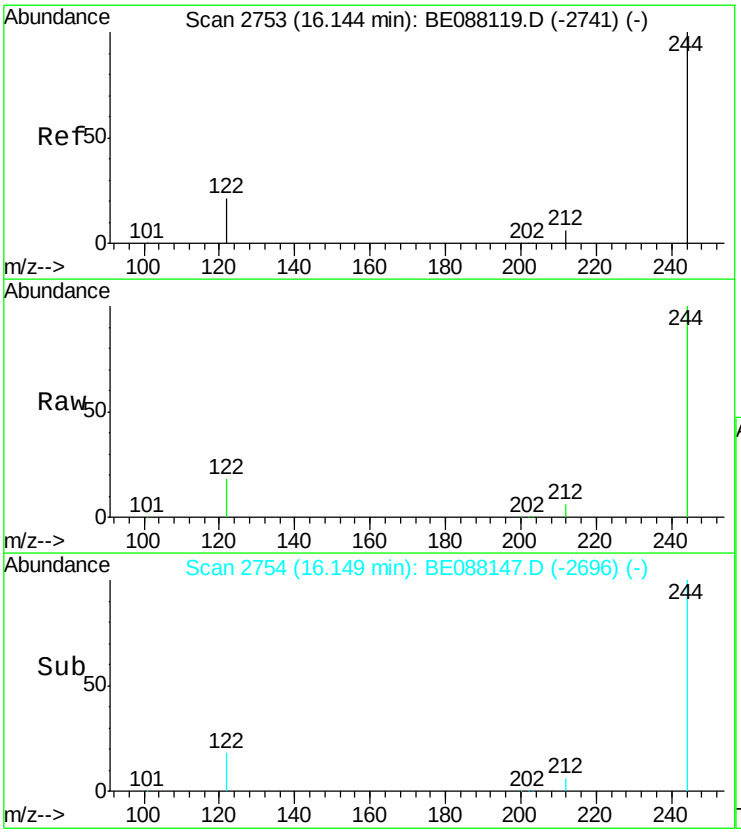
#17
Pyrene
Concen: 0.05 ng
RT: 15.70 min Scan# 2670
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:202 Resp: 1022

Ion	Ratio	Lower	Upper
202	100		
200	18.7	16.1	24.1
203	16.8	13.9	20.9

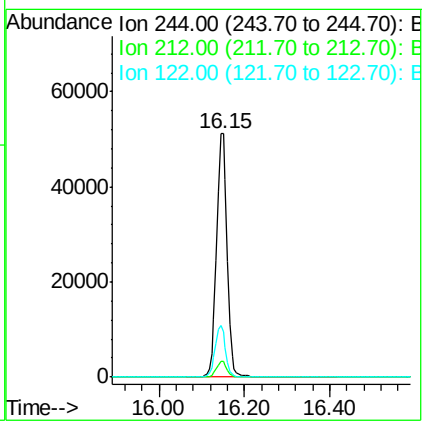


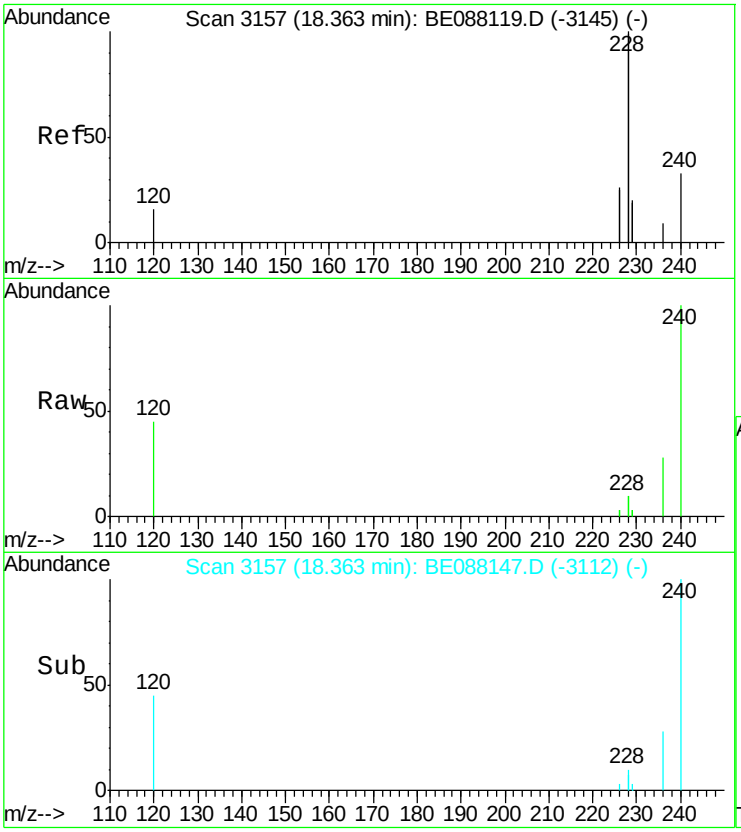


#18
Terphenyl-d14
Concen: 7.67 ng
RT: 16.15 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion:244 Resp: 86906

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	18.4	17.5	26.3



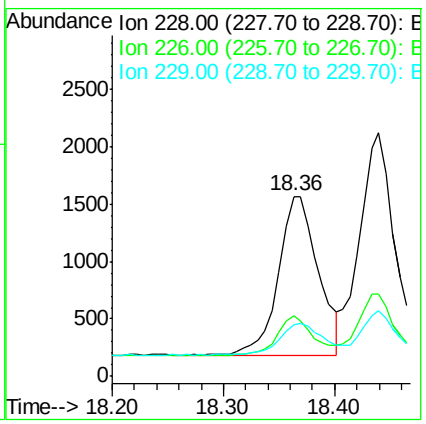


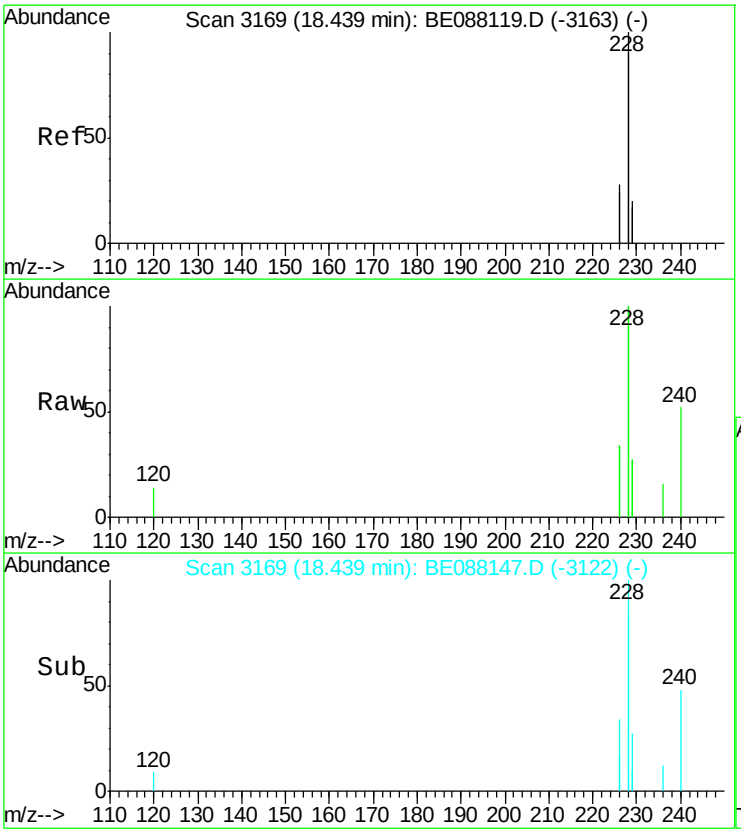
#19
Benzo(a)anthracene
Concen: 0.05 ng
RT: 18.36 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:228 Resp: 3427

Ion	Ratio	Lower	Upper
228	100		
226	33.9	20.8	31.2#
229	28.8	15.6	23.4#

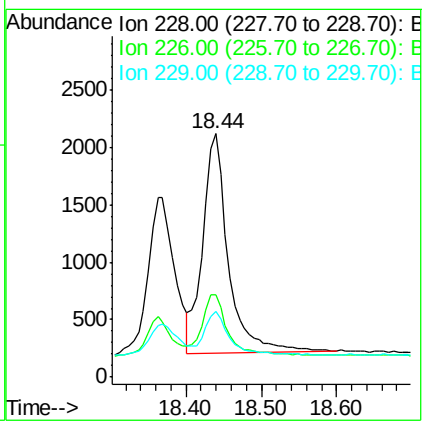


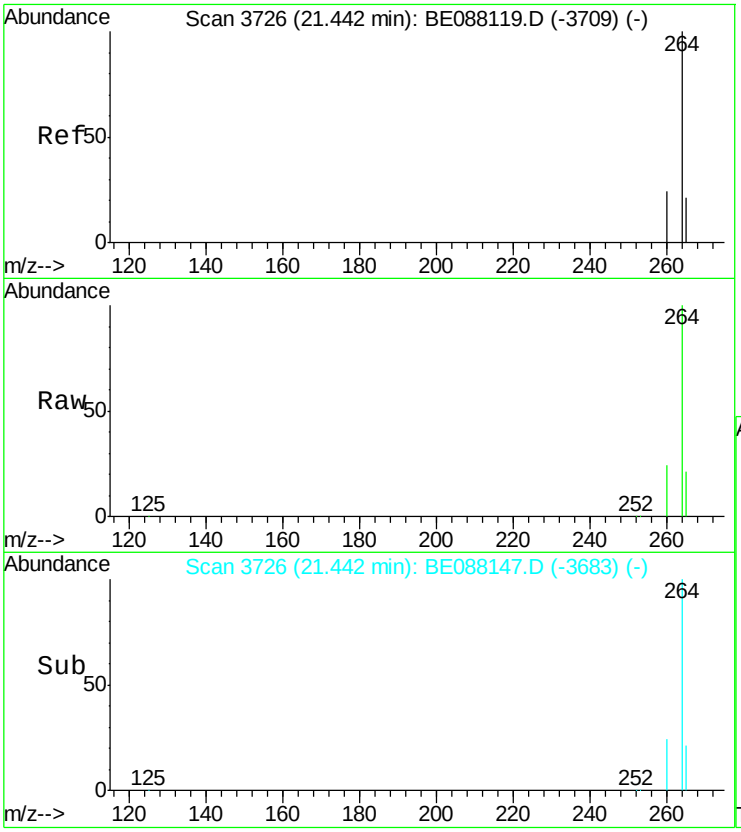


#20
Chrysene
Concen: 0.07 ng
RT: 18.44 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion:228 Resp: 4533

Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.7	34.1
229	27.0	15.8	23.6#



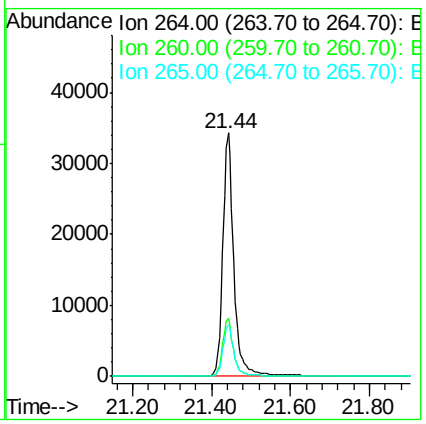


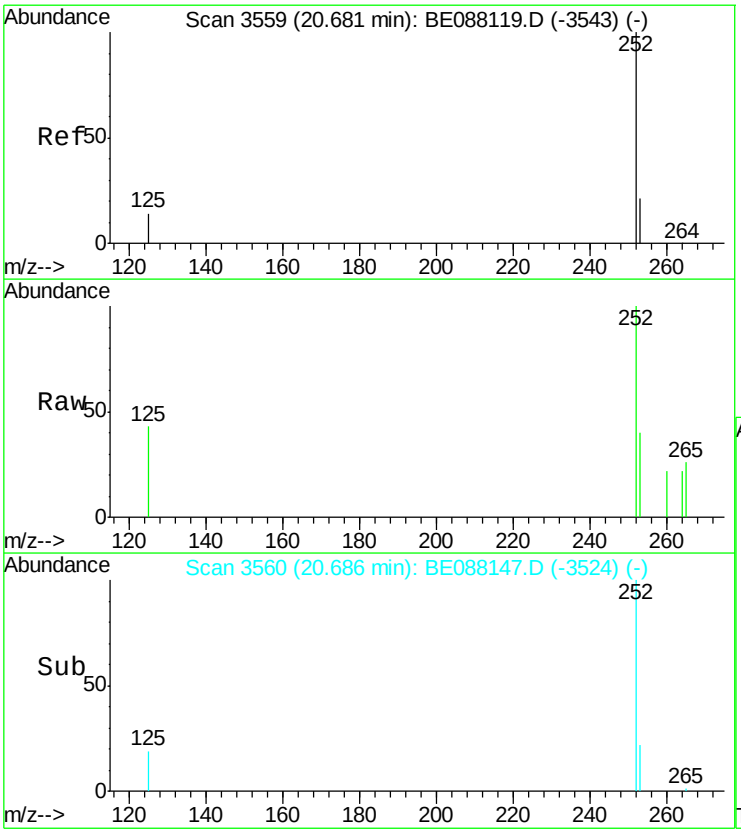
#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:264 Resp: 66049

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.4	17.2	25.8

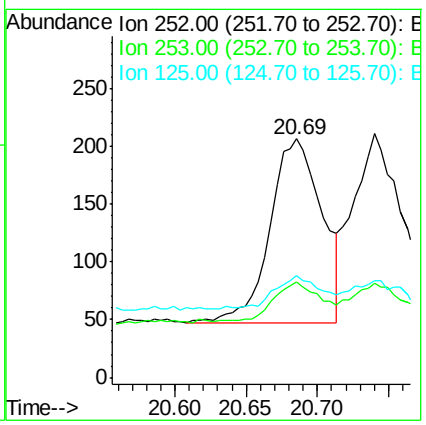


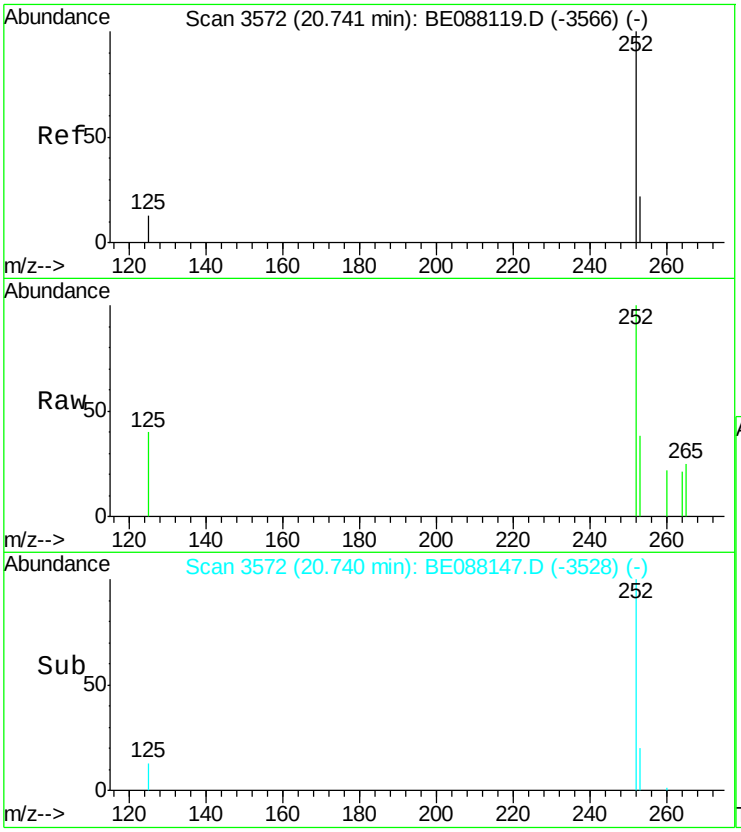


#23
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 20.69 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Tgt Ion:252 Resp: 405

Ion	Ratio	Lower	Upper
252	100		
253	40.3	17.4	26.0#
125	42.7	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: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

Tgt Ion:252 Resp: 432

Ion	Ratio	Lower	Upper
252	100		
253	38.4	17.6	26.4#
125	39.8	11.5	17.3#