Quantitation Report (QT 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 04:52:56 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
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

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

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Data File : BE088147.D
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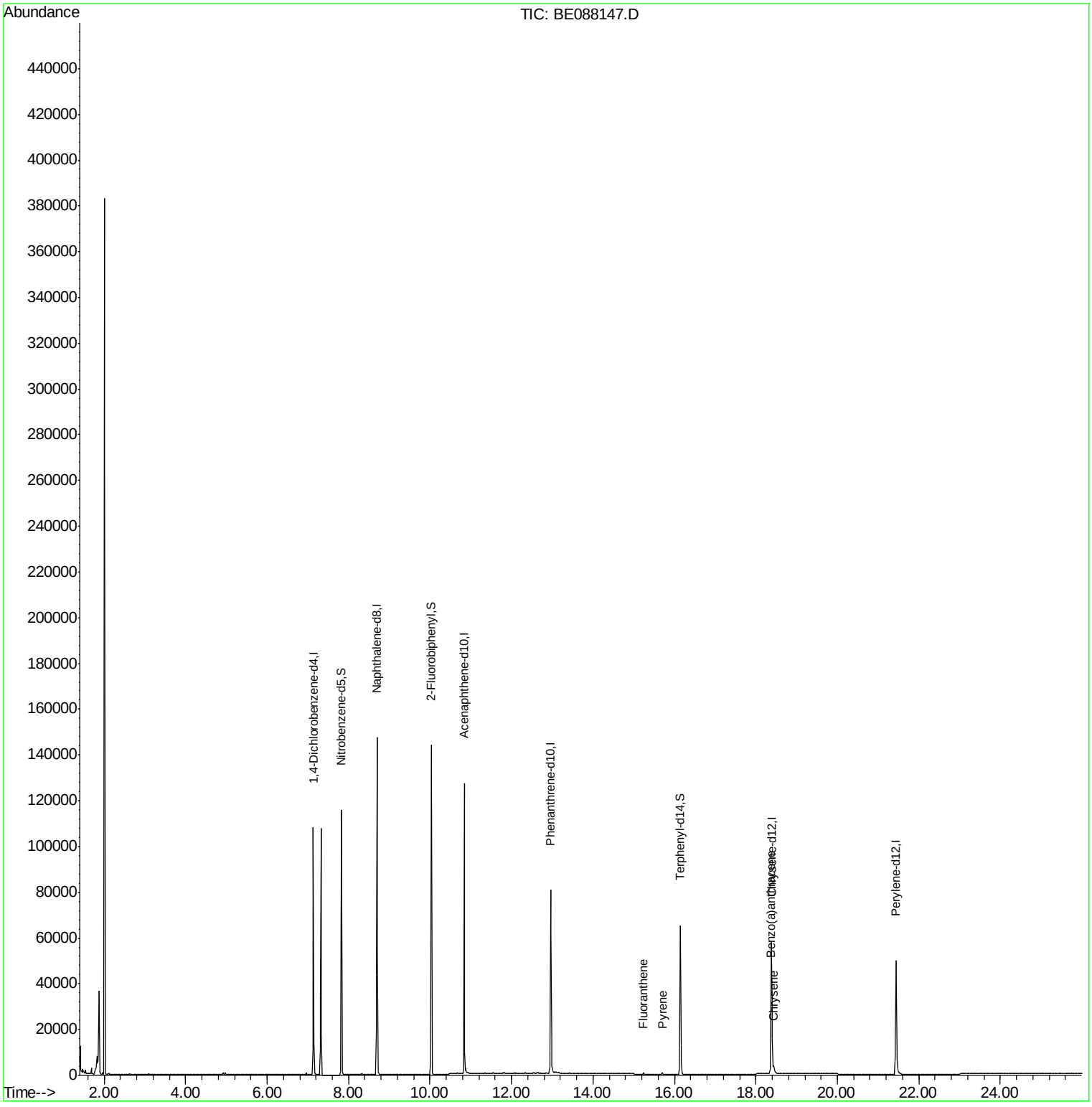
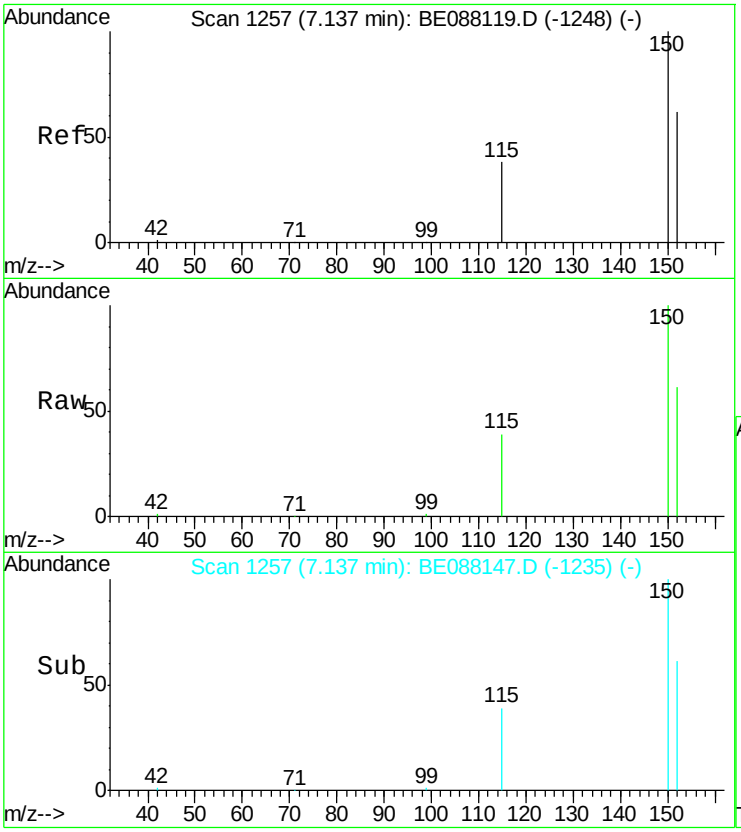


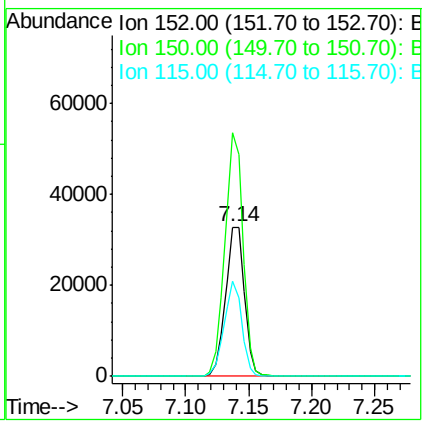


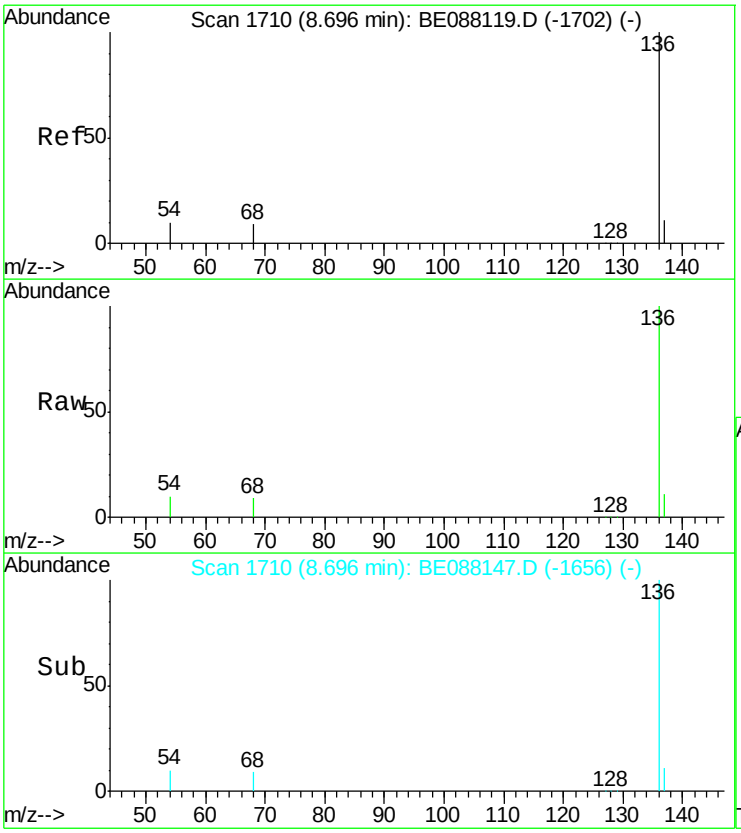
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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

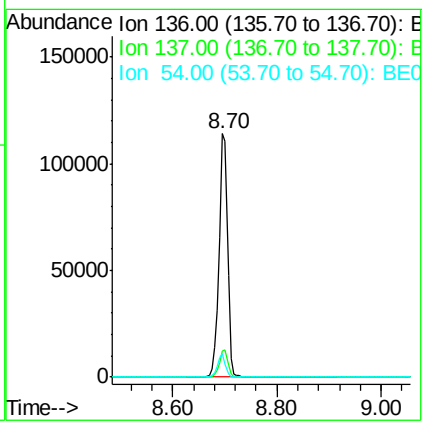


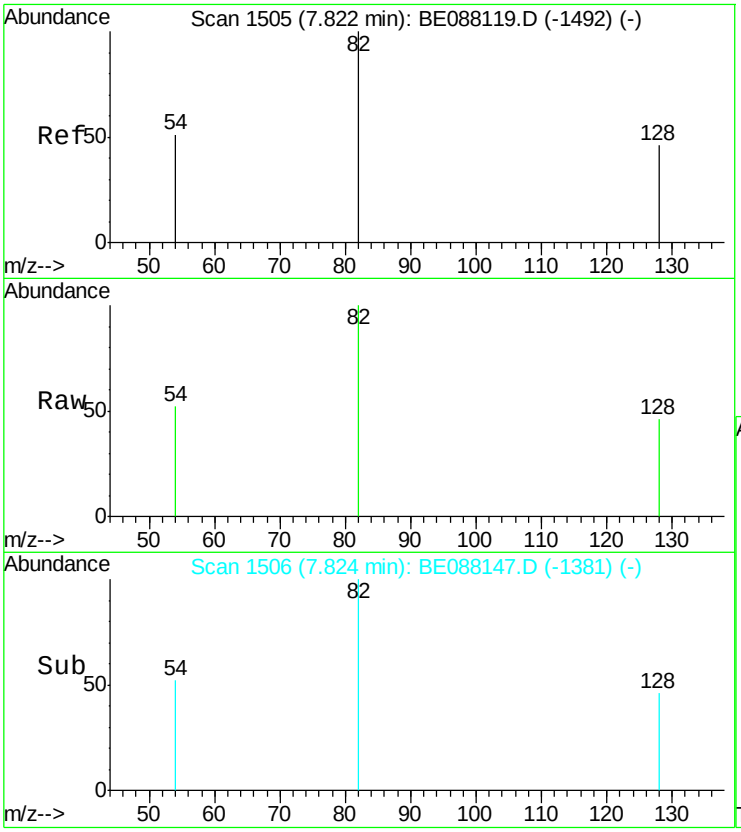


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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



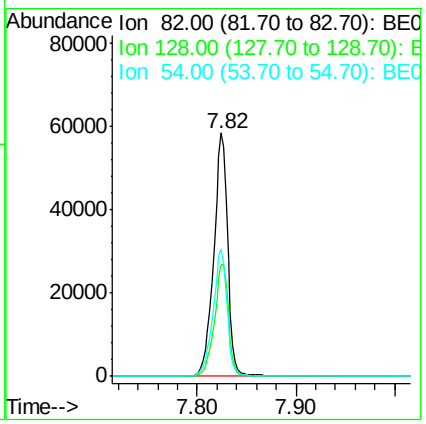


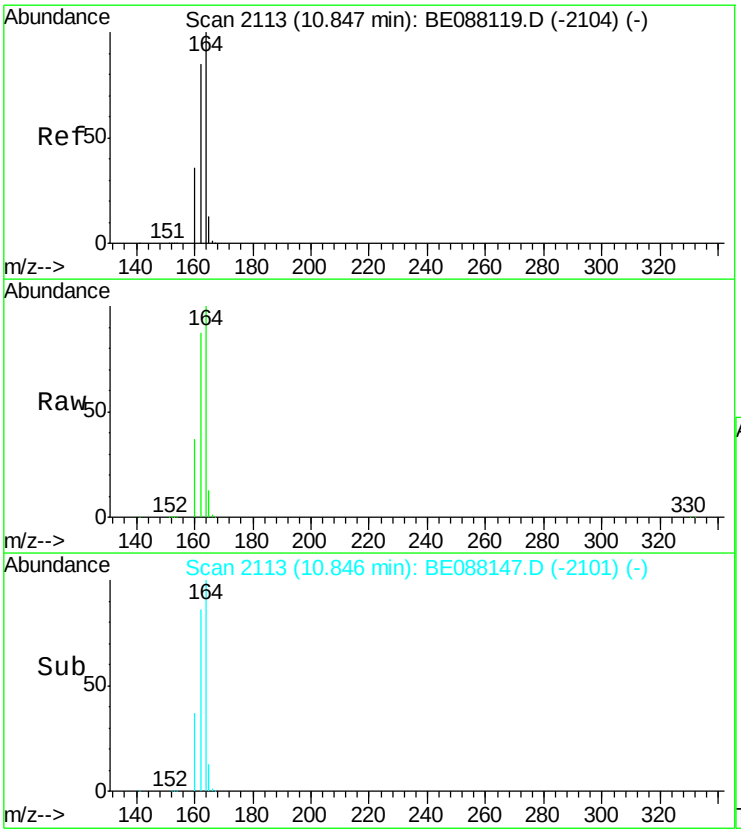
#4
Nitrobenzene-d5
Concen: 6.19 ng
RT: 7.82 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

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

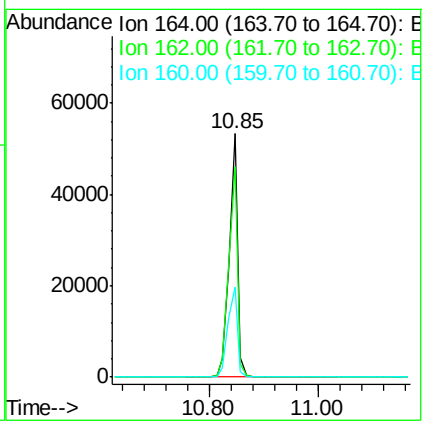


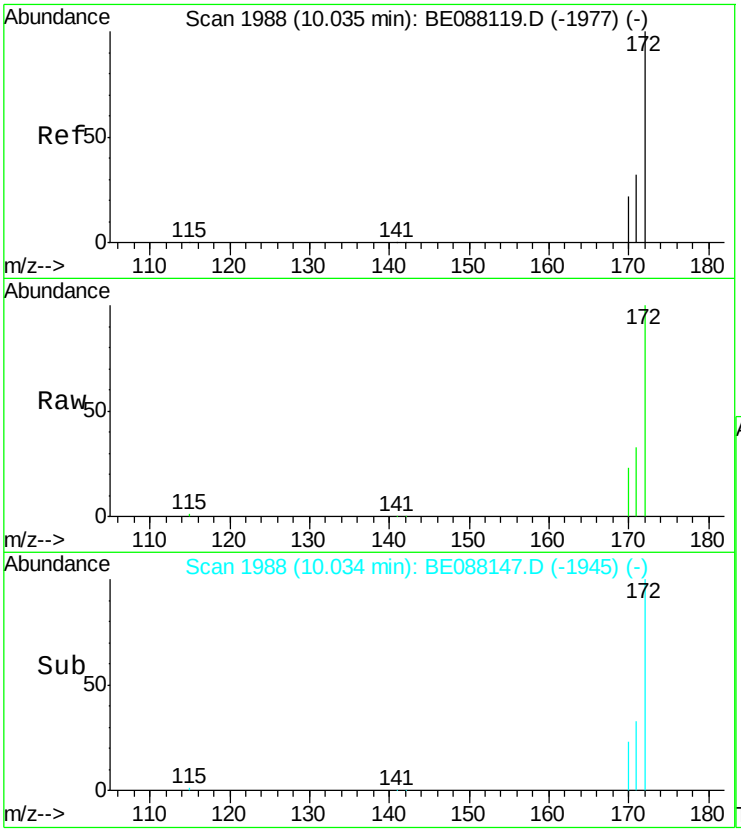


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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



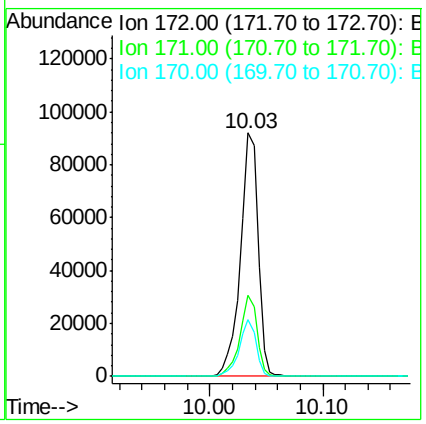


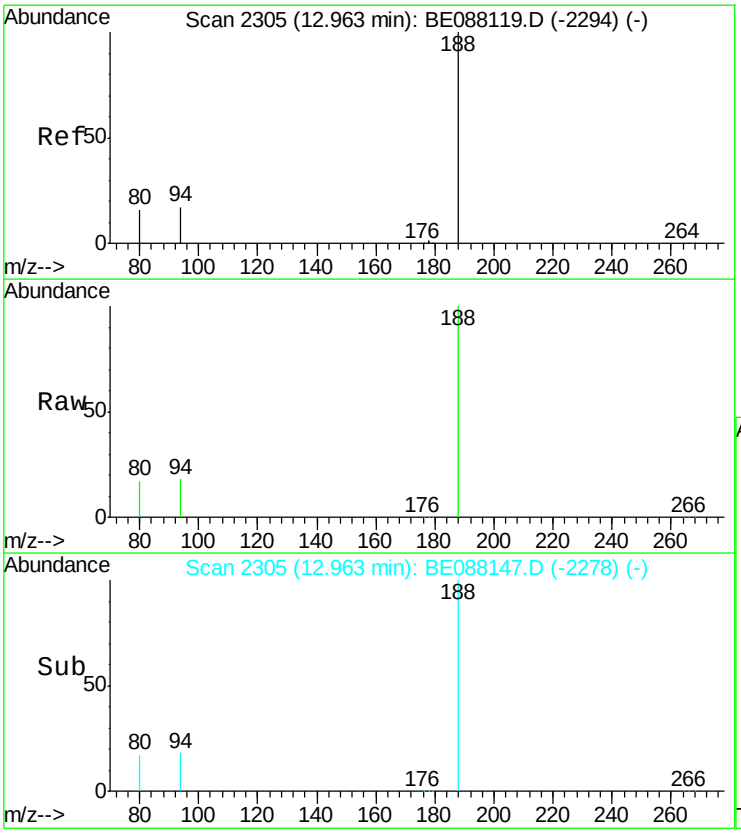
#8
2-Fluorobiphenyl
Concen: 6.09 ng
RT: 10.03 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

Instrument :
BNA_E
ClientSampleId :
YS19-SW03-1014

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

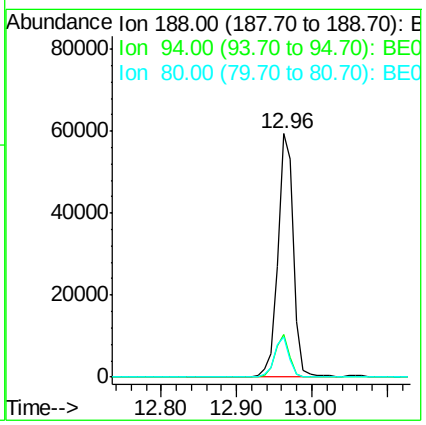


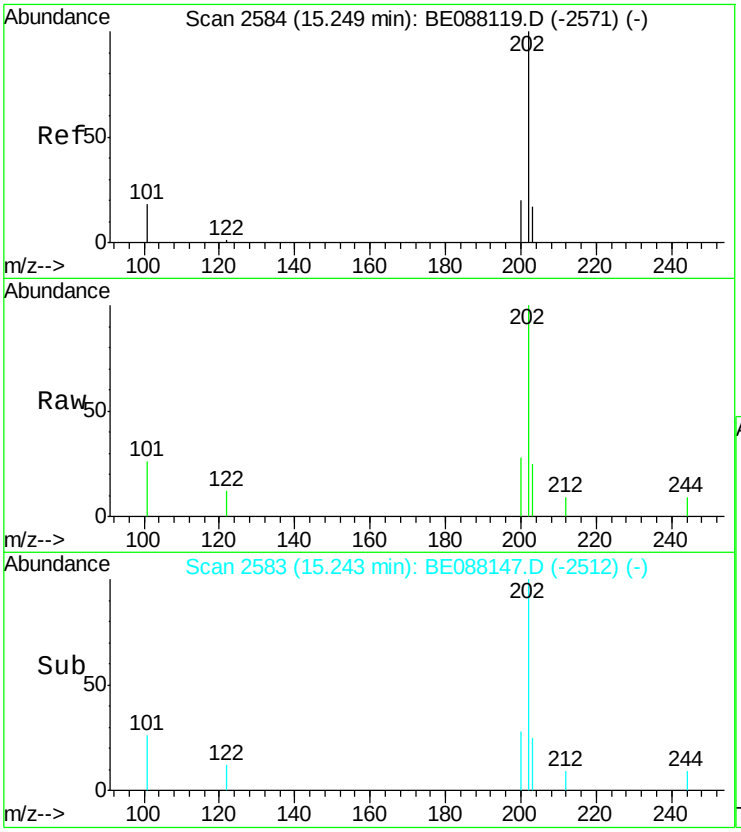


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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



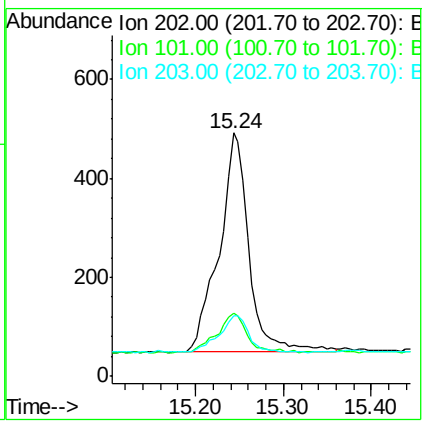


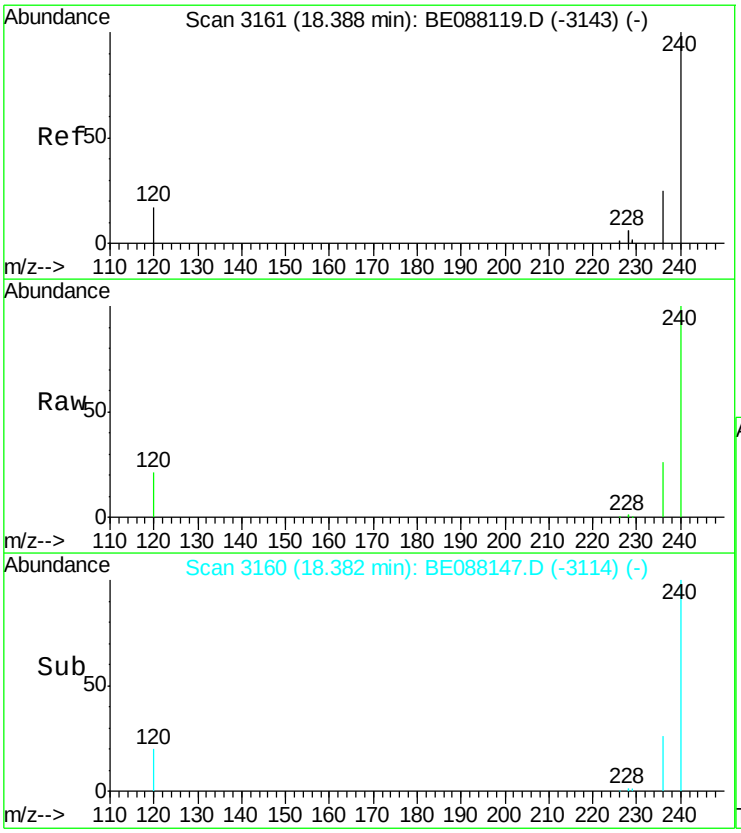
#15
Fluoranthene
Concen: 0.05 ng
RT: 15.24 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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

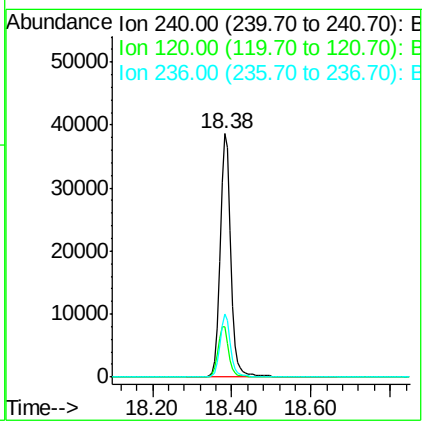


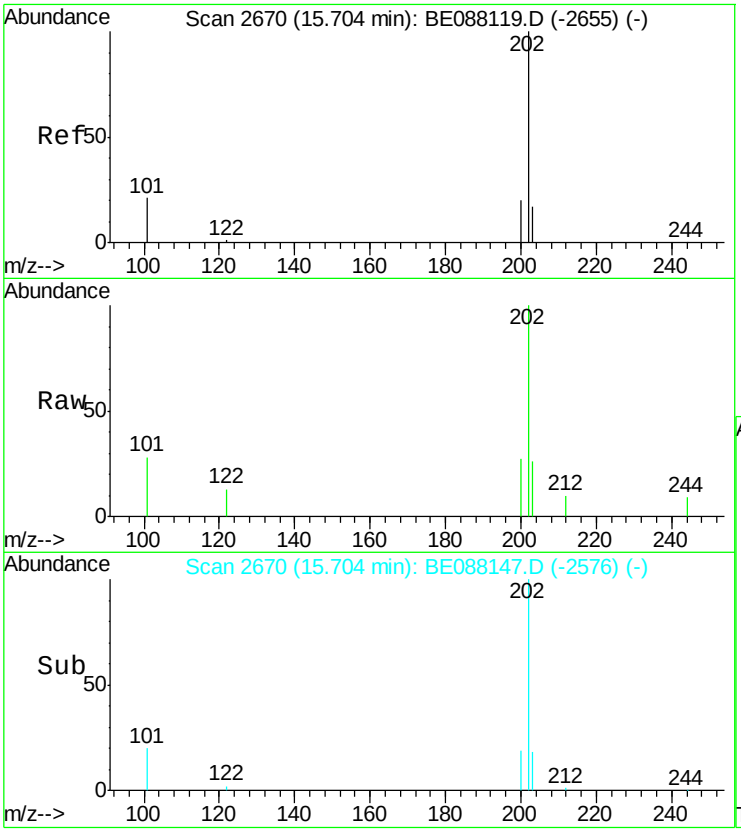


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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



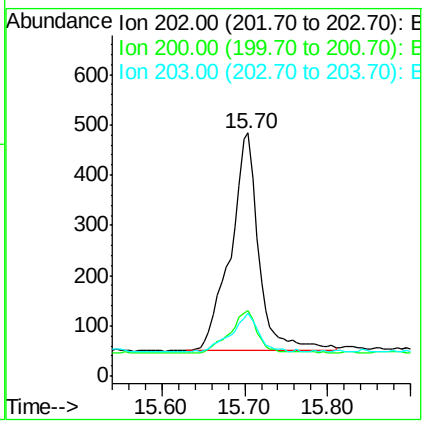


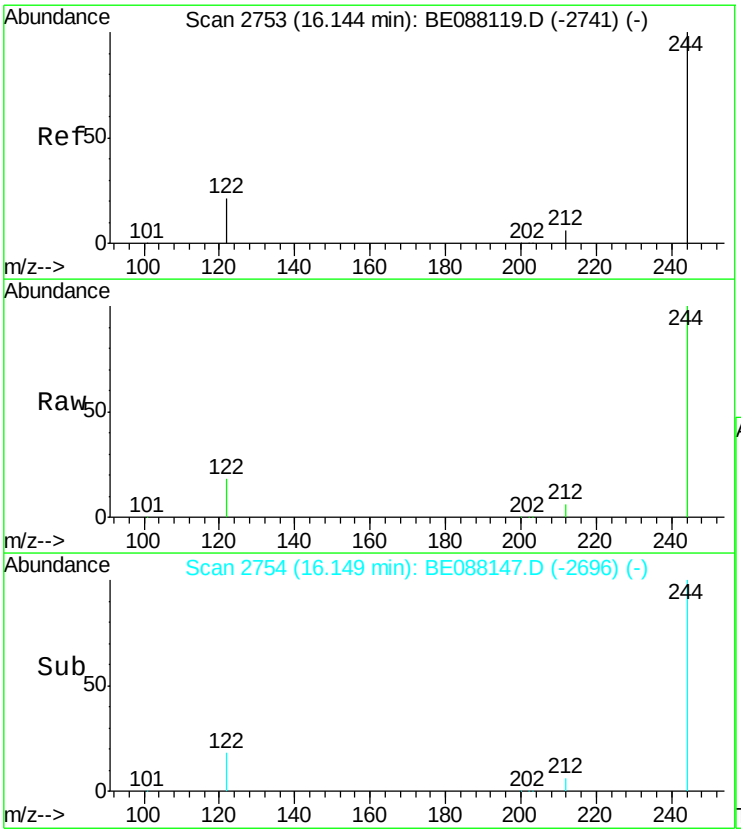
#17
Pyrene
Concen: 0.05 ng
RT: 15.70 min Scan# 2670
Delta R.T. -0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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

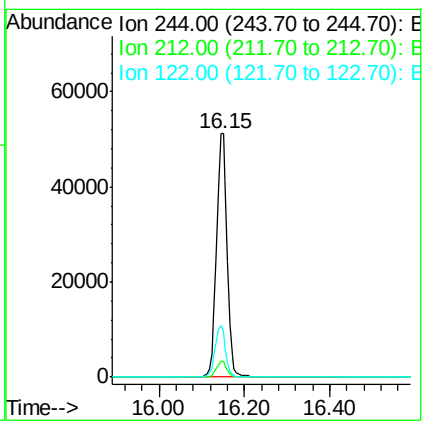


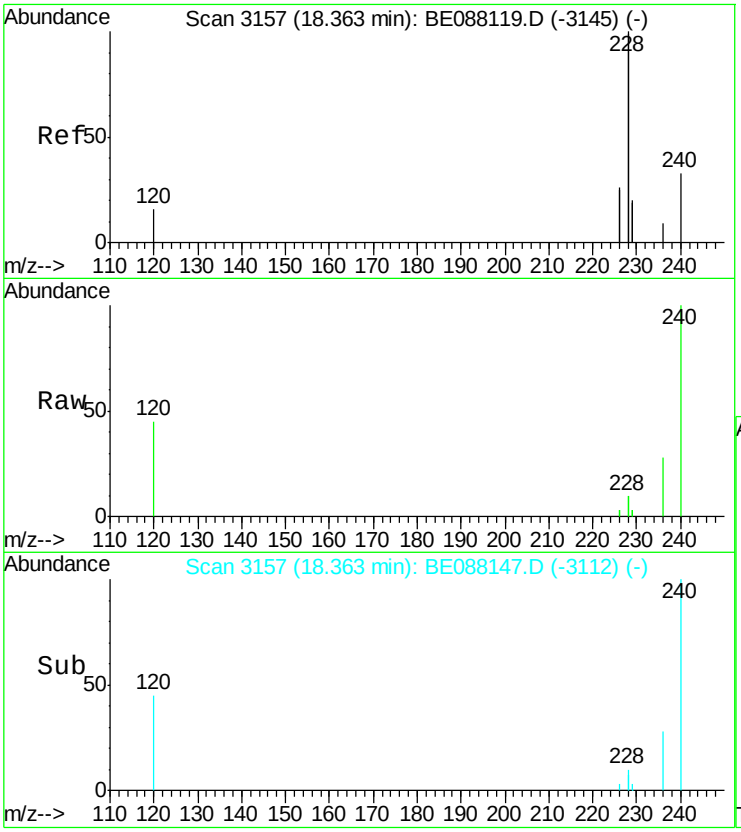


#18
Terphenyl-d14
Concen: 7.67 ng
RT: 16.15 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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



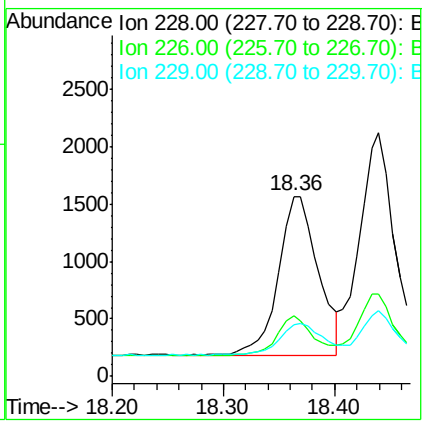


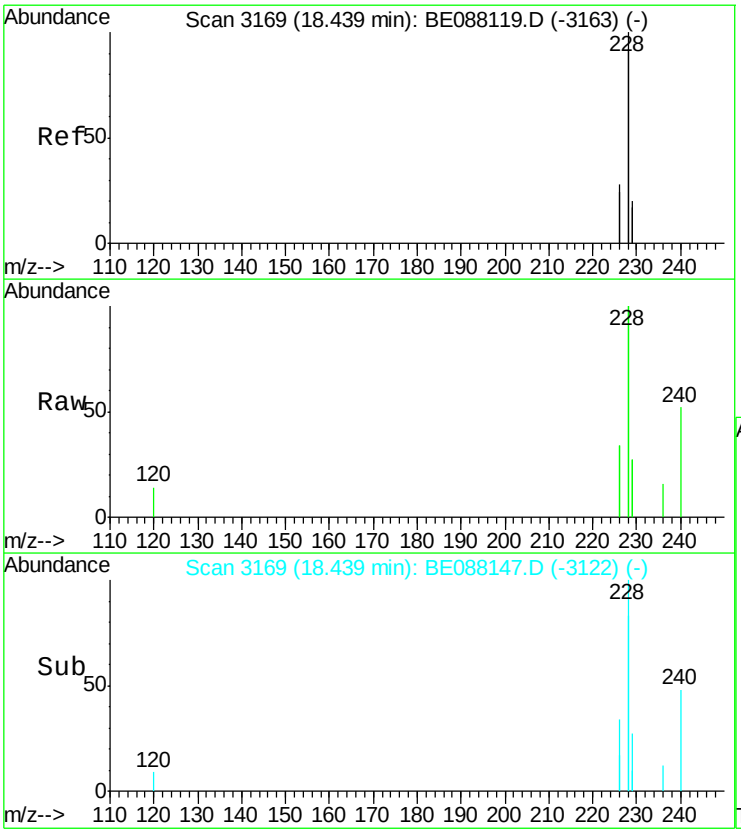
#19
Benzo(a)anthracene
Concen: 0.05 ng
RT: 18.36 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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#

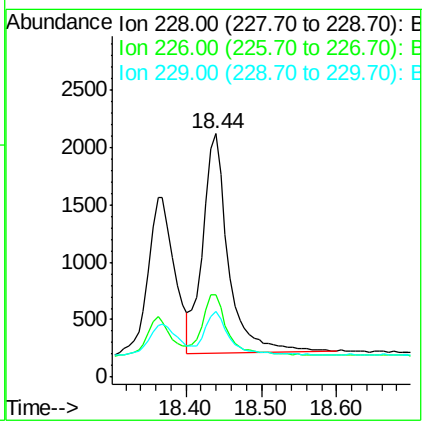


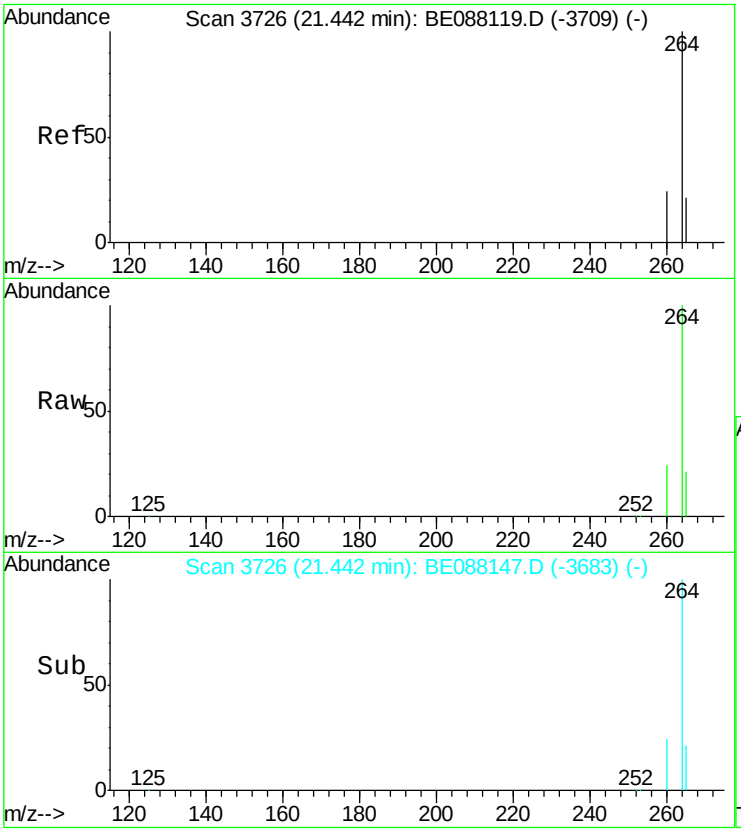


#20
Chrysene
Concen: 0.07 ng
RT: 18.44 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BE088147.D
Acq: 21 Oct 2014 17:59

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