Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088151.D
Acq On : 21 Oct 2014 20:14
Operator : TP/JJ
Sample : F4351-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-SW08P-1014

Quant Time: Oct 22 05:00:25 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	23816	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	92228	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	43844	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	81914	5.00	ng		0.00
16) Chrysene-d12	18.38	240	51139	5.00	ng		0.00
22) Perylene-d12	21.44	264	40339	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.83	82	46131	6.94	ng		0.00
8) 2-Fluorobiphenyl	10.03	172	83560	6.90	ng		0.00
18) Terphenyl-d14	16.15	244	81213	9.87	ng		0.00
Target Compounds							Qvalue
14) Anthracene	13.09	178	5301	0.08	ng		96
15) Fluoranthene	15.25	202	1860	0.12	ng		100
17) Pyrene	15.70	202	2002	0.14	ng		99
19) Benzo(a)anthracene	18.36	228	5449	0.12	ng	#	90
20) Chrysene	18.44	228	8166	0.18	ng	#	91
21) Indeno(1,2,3-cd)pyrene	23.63	276	3198	0.06	ng		98
23) Benzo(b)fluoranthene	20.69	252	1737	0.18	ng	#	82
24) Benzo(k)fluoranthene	20.74	252	1076	0.10	ng	#	74
27) Benzo(g,h,i)perylene	24.26	276	3135	0.08	ng	#	68

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

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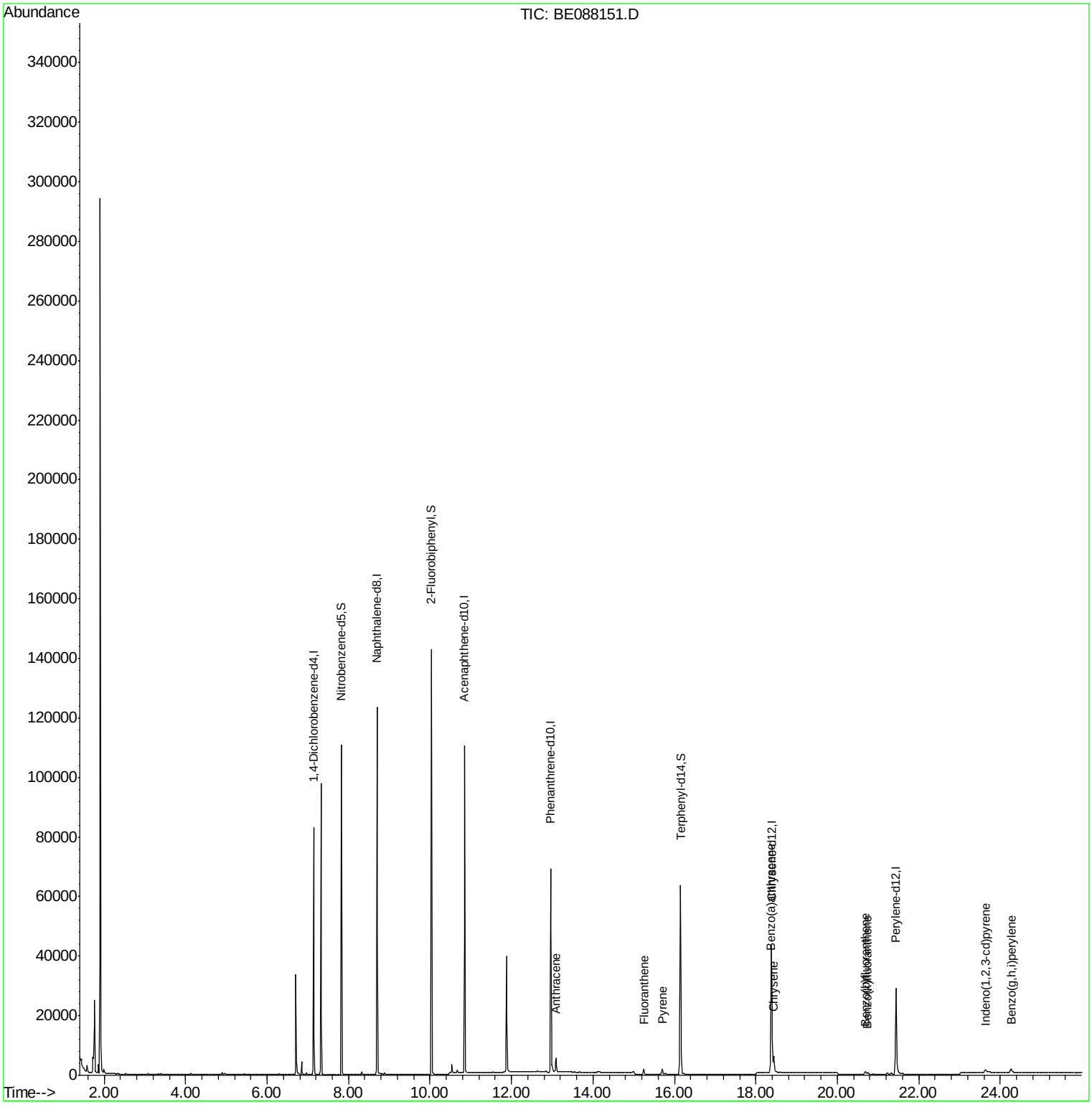
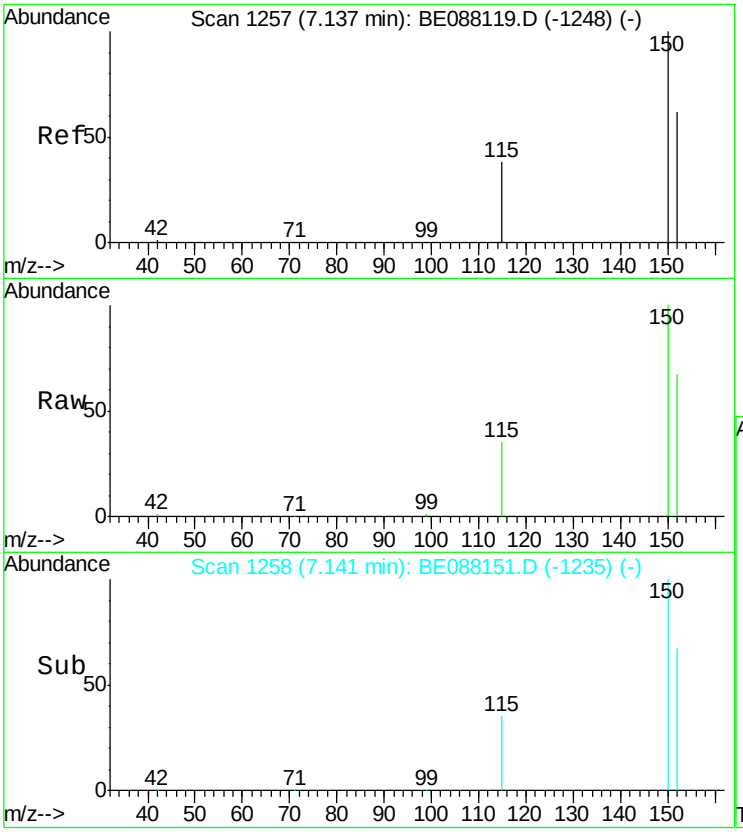


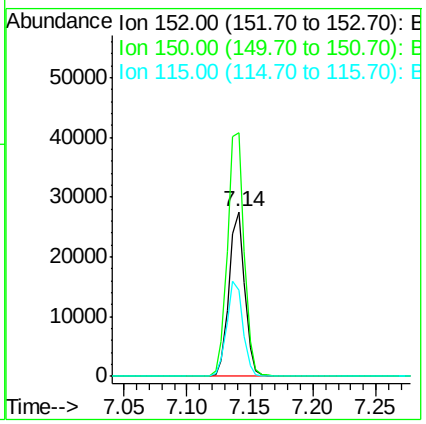


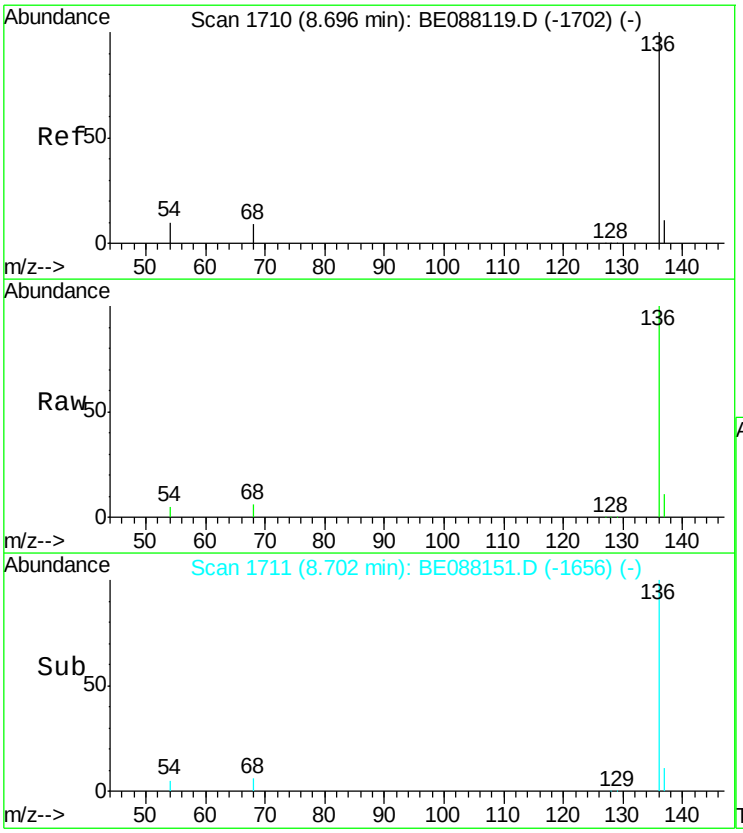
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:152 Resp: 23816

Ion	Ratio	Lower	Upper
152	100		
150	148.2	129.2	193.8
115	52.6	49.3	73.9

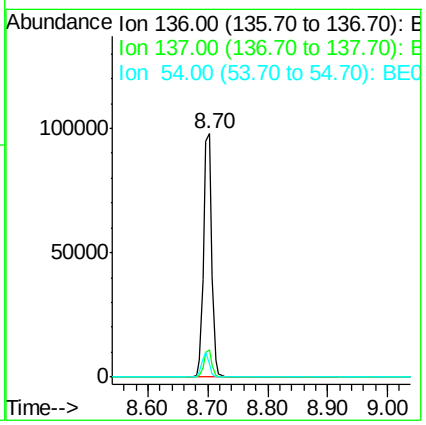


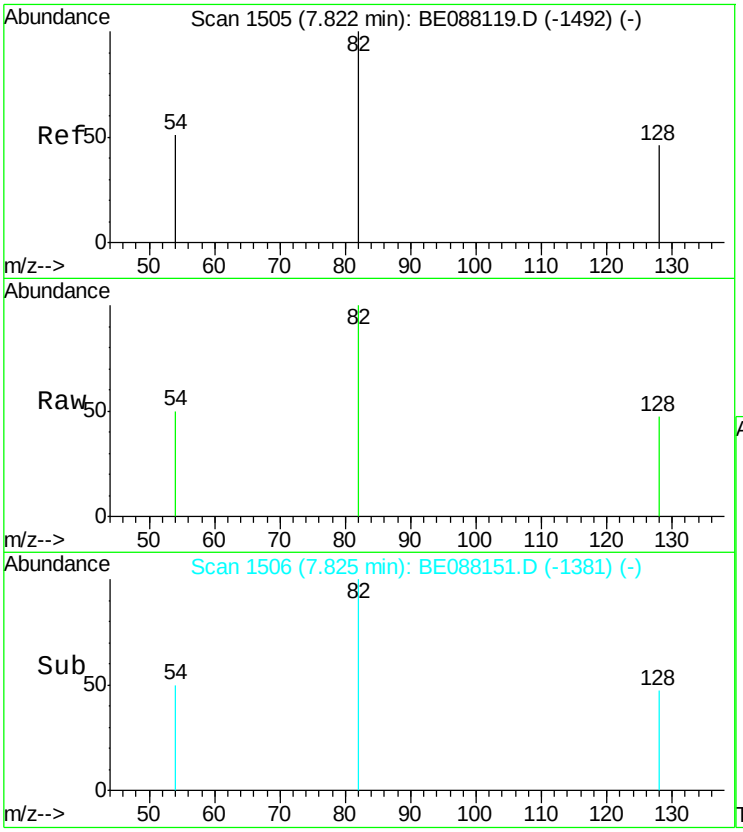


#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:136 Resp: 92228

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	5.5	7.7	11.5#



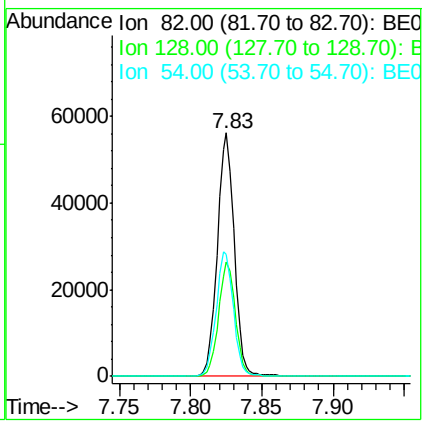


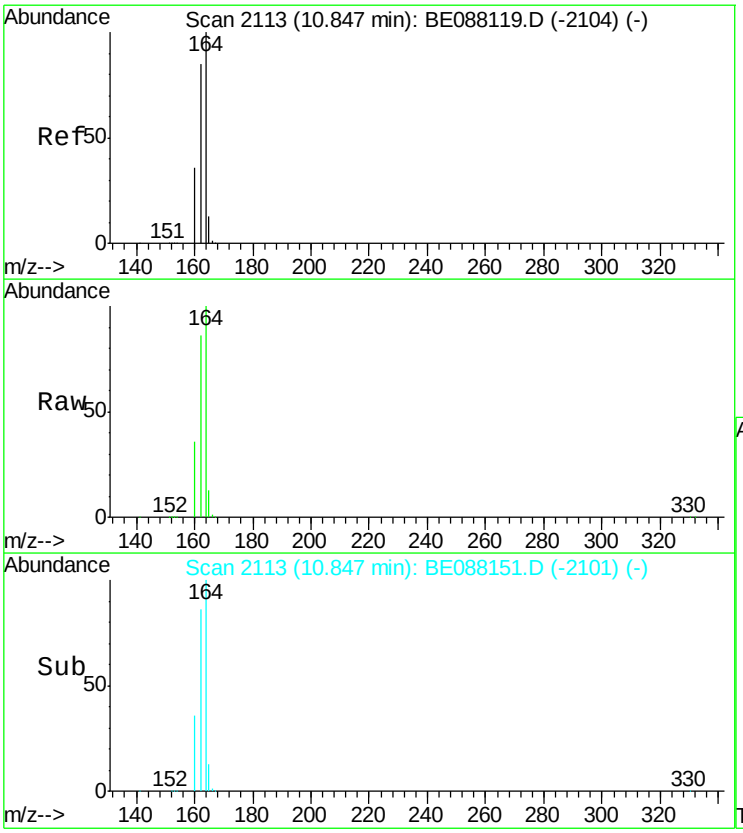
#4
Nitrobenzene-d5
Concen: 6.94 ng
RT: 7.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion: 82 Resp: 46131

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.1	55.7
54	50.4	41.1	61.7

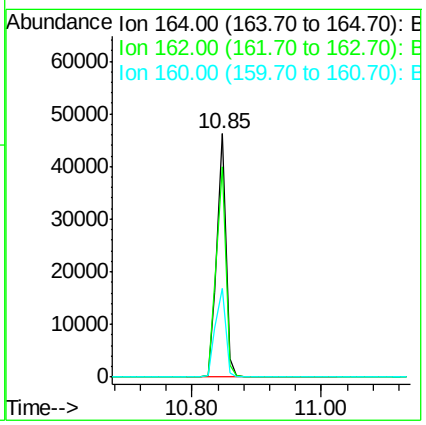


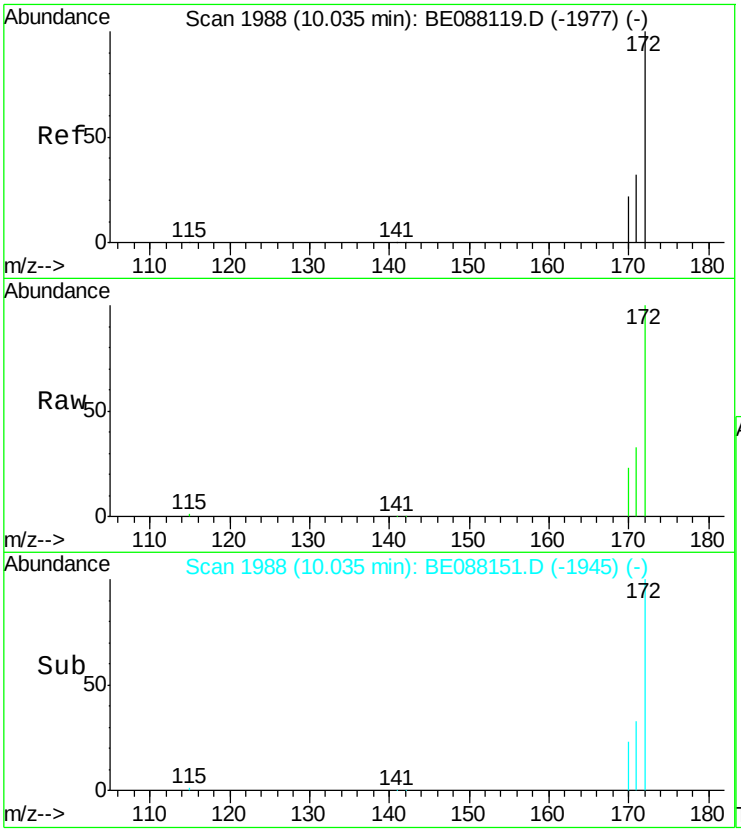


#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:164 Resp: 43844

Ion	Ratio	Lower	Upper
164	100		
162	86.4	68.3	102.5
160	36.5	28.7	43.1



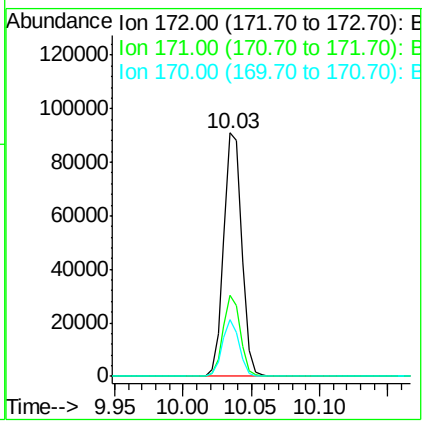


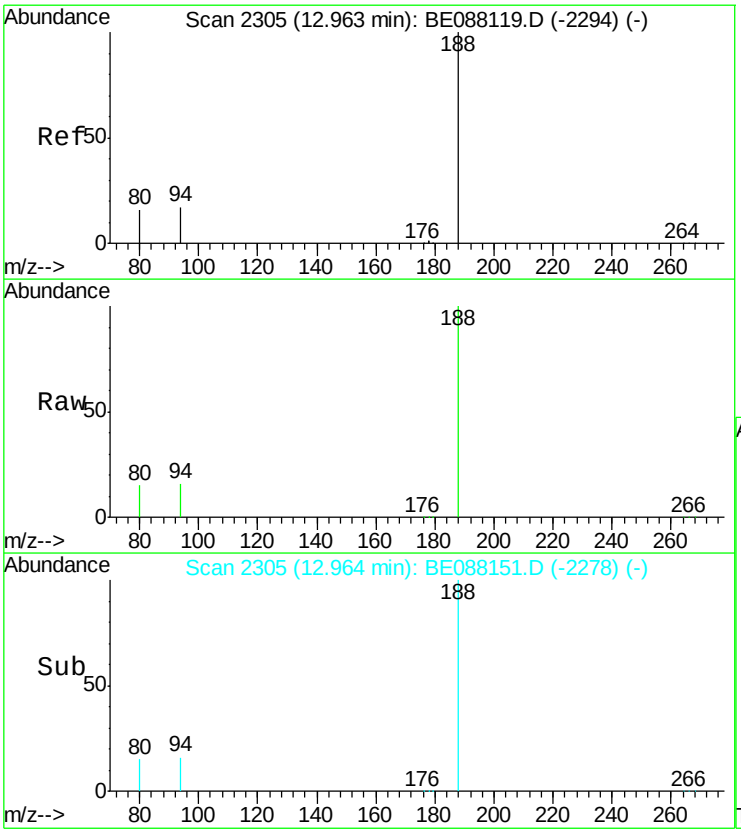
#8
2-Fluorobiphenyl
Concen: 6.90 ng
RT: 10.03 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:172 Resp: 83560

Ion	Ratio	Lower	Upper
172	100		
171	33.2	25.4	38.2
170	23.4	17.4	26.2

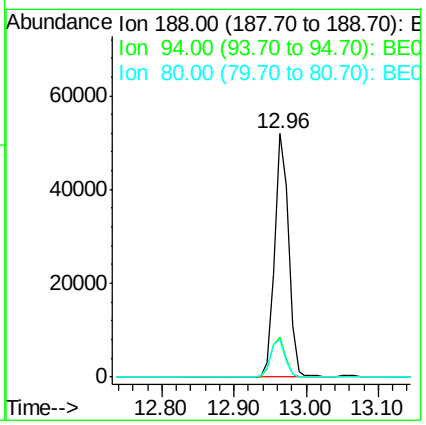


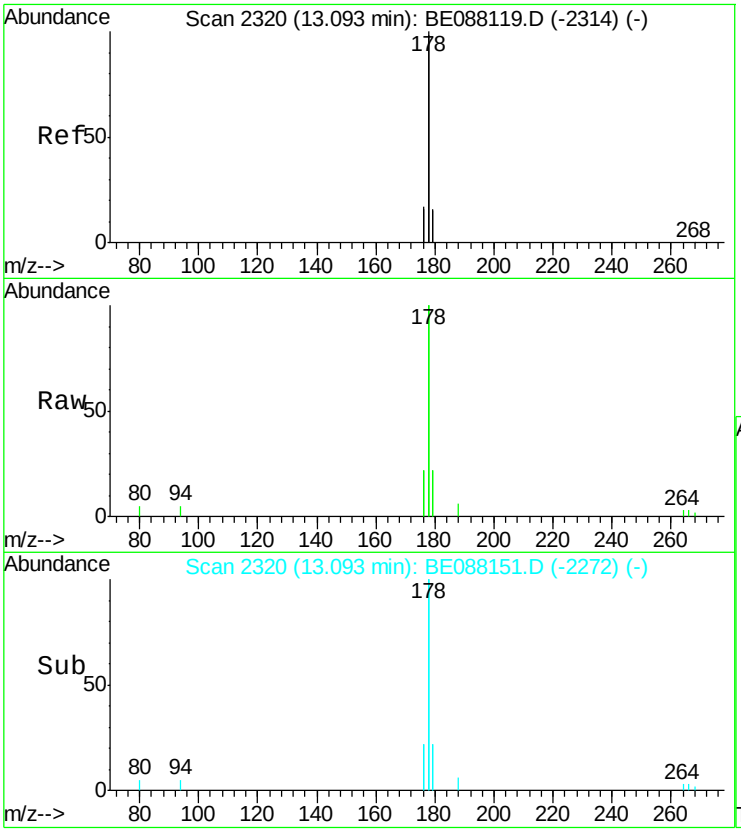


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:188 Resp: 81914

Ion	Ratio	Lower	Upper
188	100		
94	16.5	13.9	20.9
80	15.4	12.9	19.3



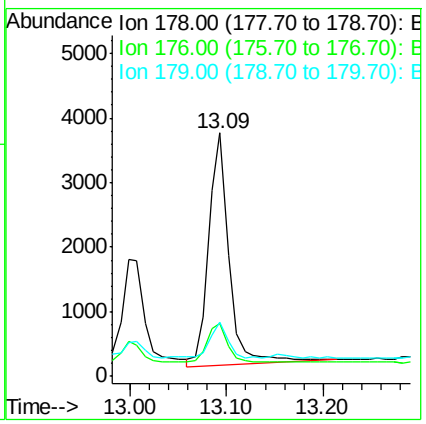


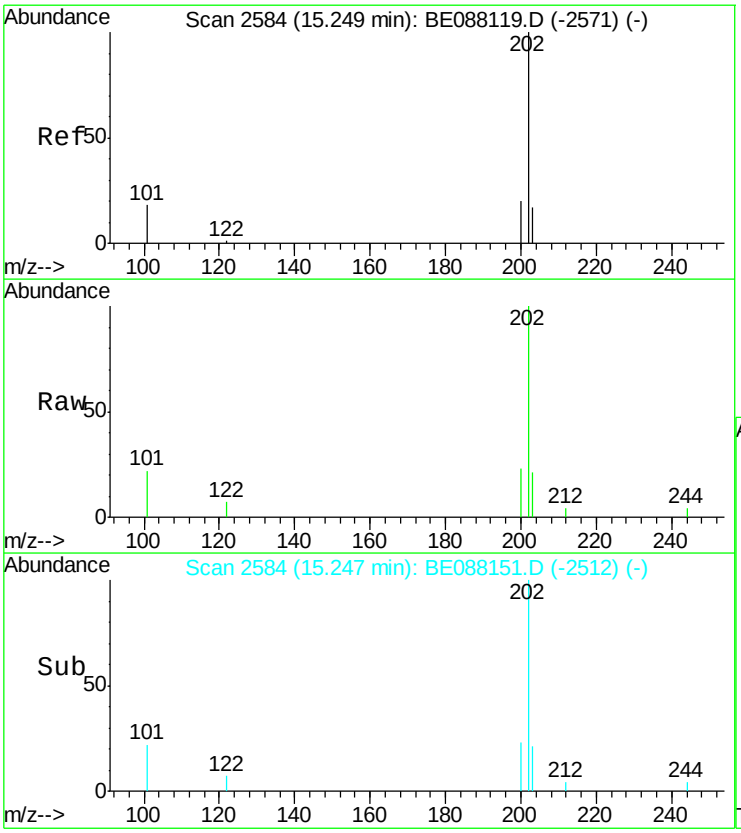
#14
Anthracene
Concen: 0.08 ng
RT: 13.09 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:178 Resp: 5301

Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.6	21.8
179	16.8	12.5	18.7

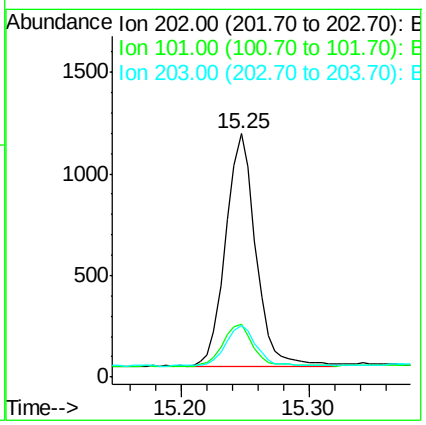


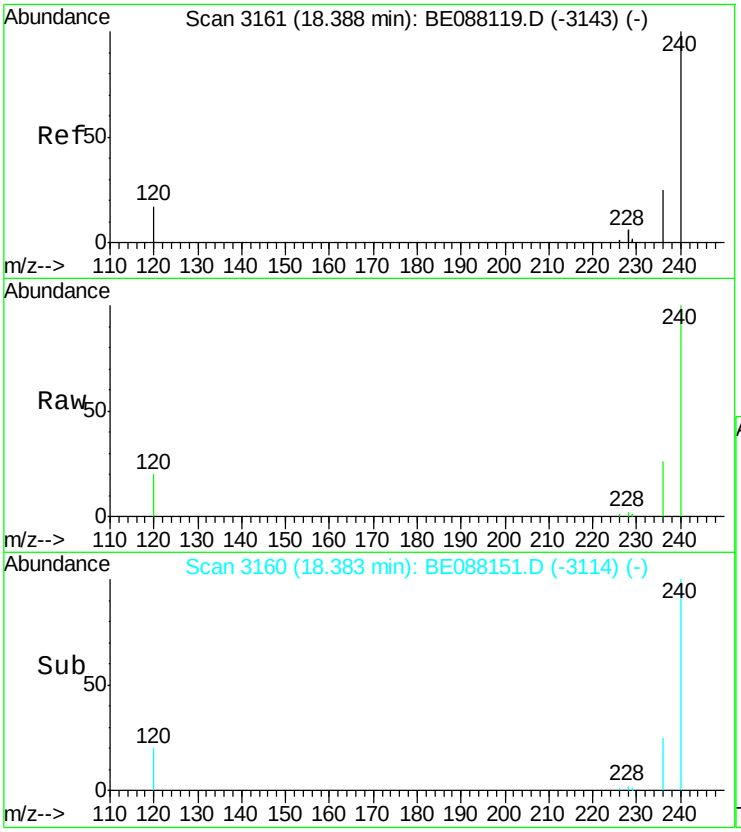


#15
Fluoranthene
Concen: 0.12 ng
RT: 15.25 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:202 Resp: 1860

Ion	Ratio	Lower	Upper
202	100		
101	18.4	14.8	22.2
203	16.9	13.5	20.3



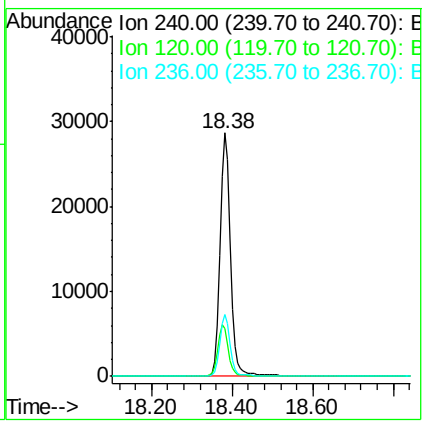


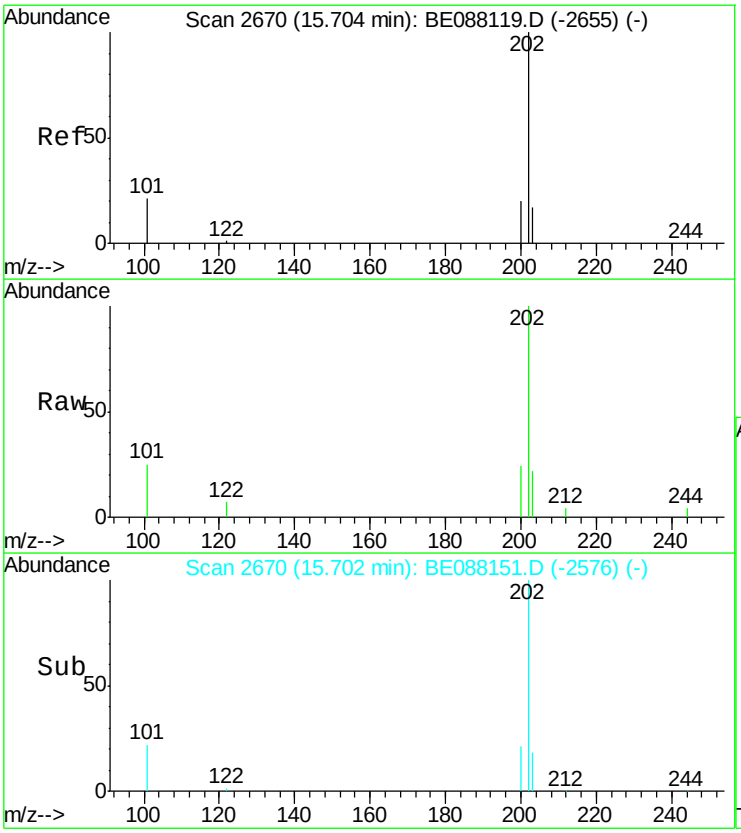
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:240 Resp: 51139

Ion	Ratio	Lower	Upper
240	100		
120	19.9	13.9	20.9
236	25.5	19.9	29.9

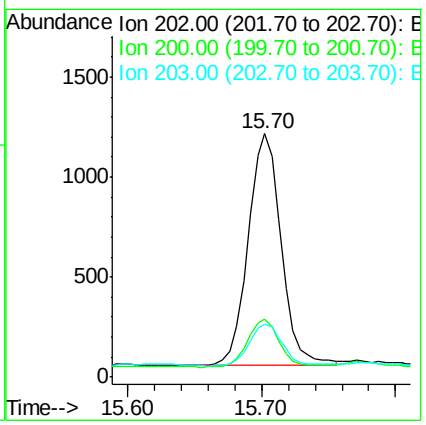


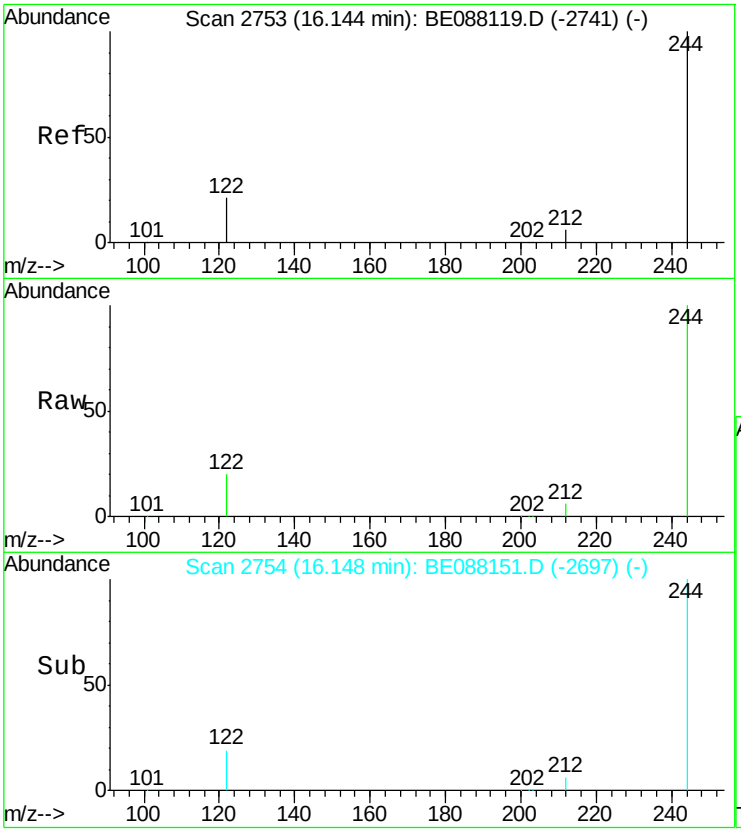


#17
Pyrene
Concen: 0.14 ng
RT: 15.70 min Scan# 2670
Delta R.T. -0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:202 Resp: 2002

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	18.2	13.9	20.9



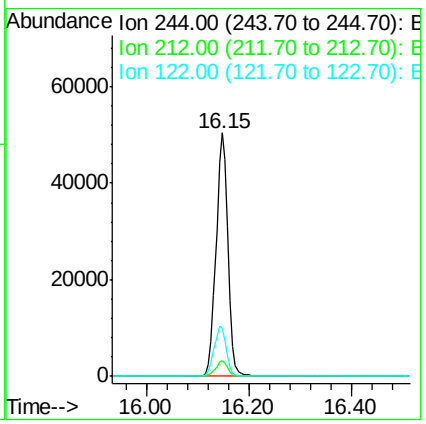


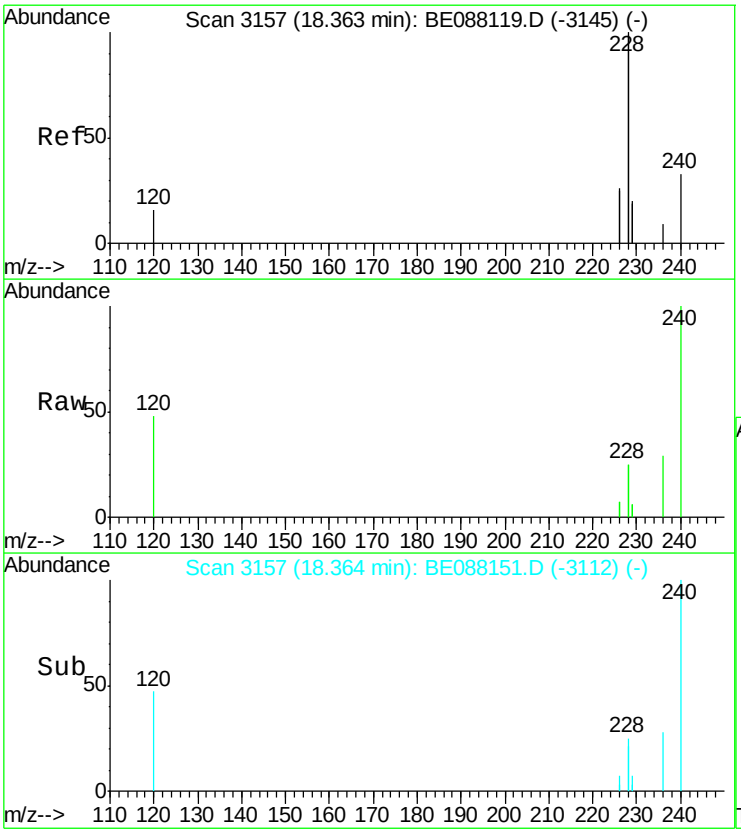
#18
Terphenyl-d14
Concen: 9.87 ng
RT: 16.15 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:244 Resp: 81213

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	19.6	17.5	26.3

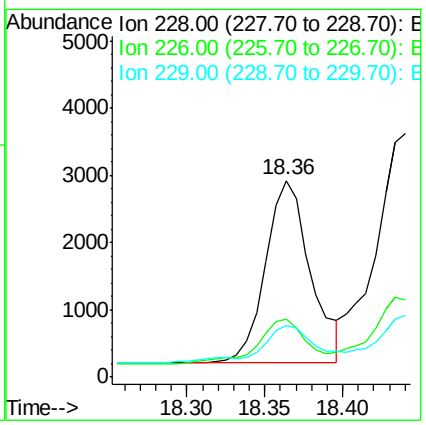


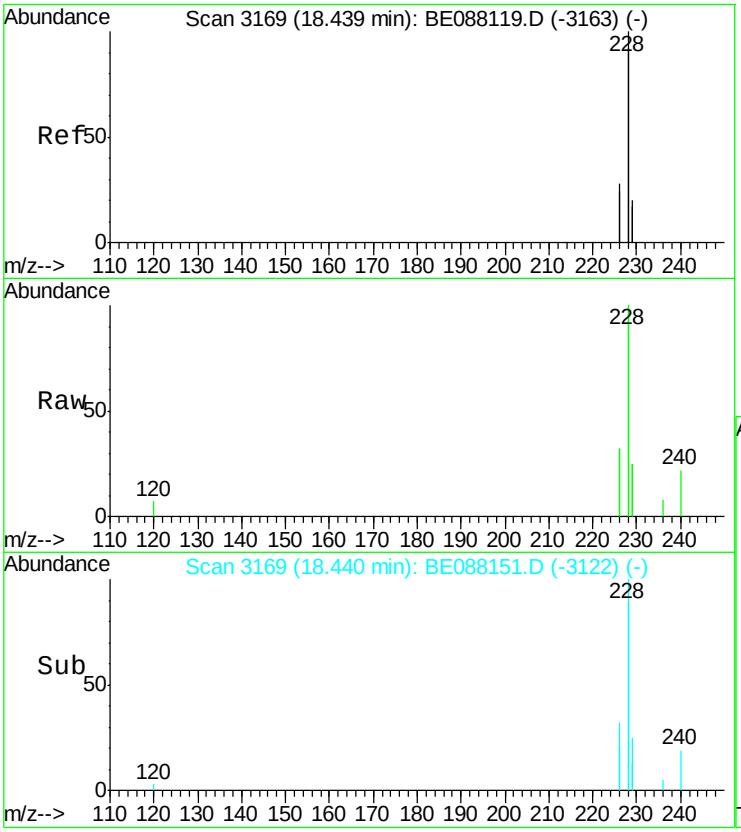


#19
Benzo(a)anthracene
Concen: 0.12 ng
RT: 18.36 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:228 Resp: 5449

Ion	Ratio	Lower	Upper
228	100		
226	29.6	20.8	31.2
229	26.0	15.6	23.4#



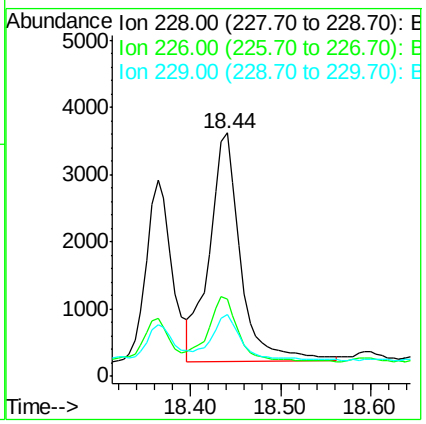


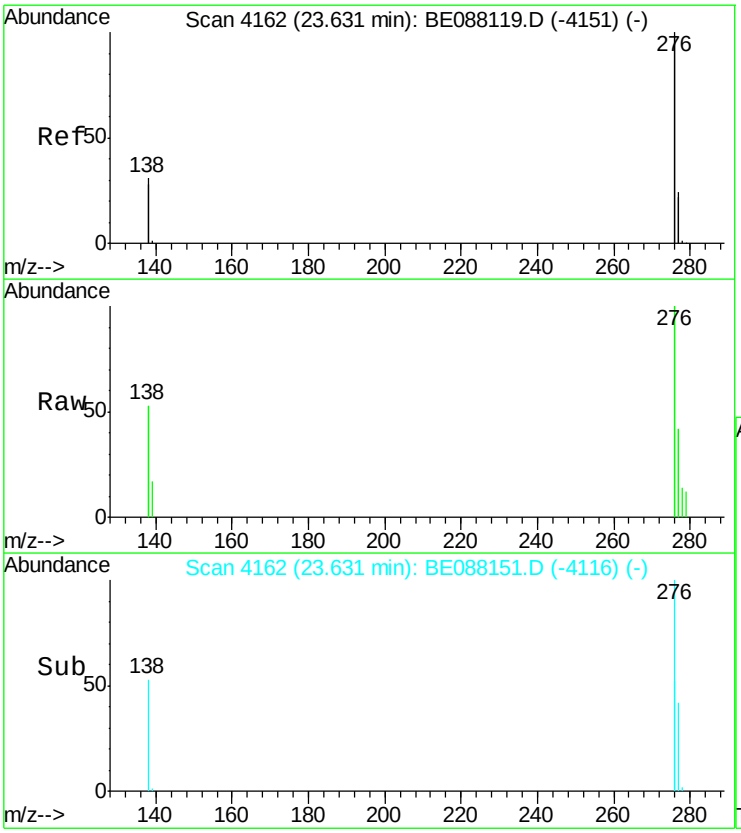
#20
Chrysene
Concen: 0.18 ng
RT: 18.44 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:228 Resp: 8166

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.7	34.1
229	25.2	15.8	23.6#

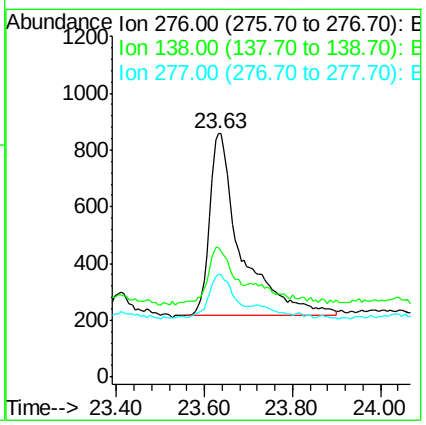


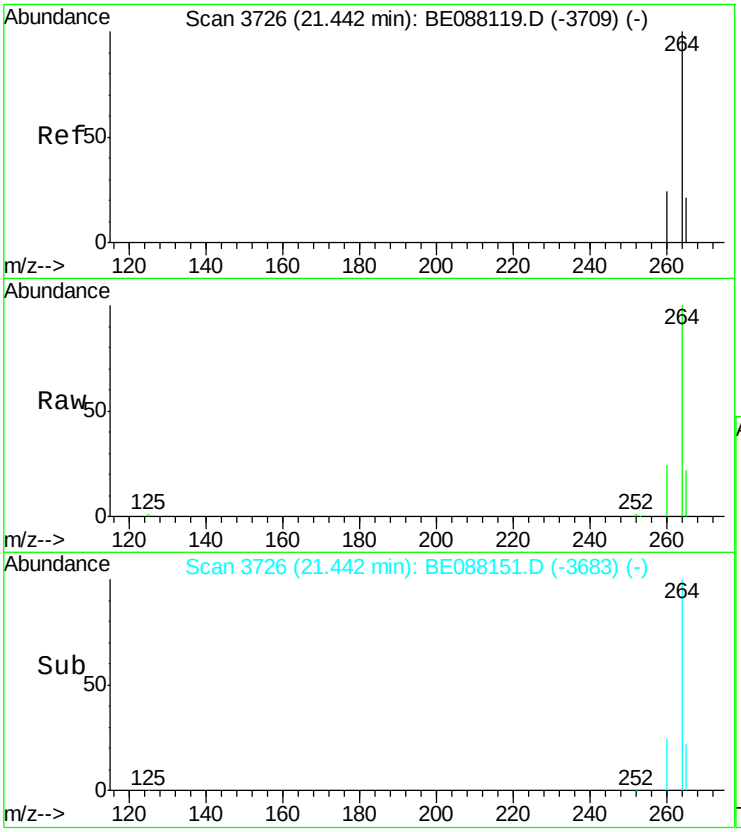


#21
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 23.63 min Scan# 4162
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:276 Resp: 3198

Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.5	27.7
277	19.1	14.6	21.8



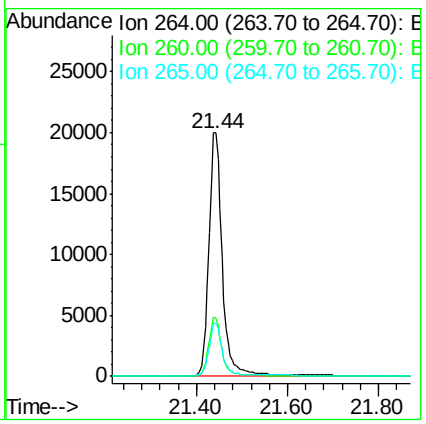


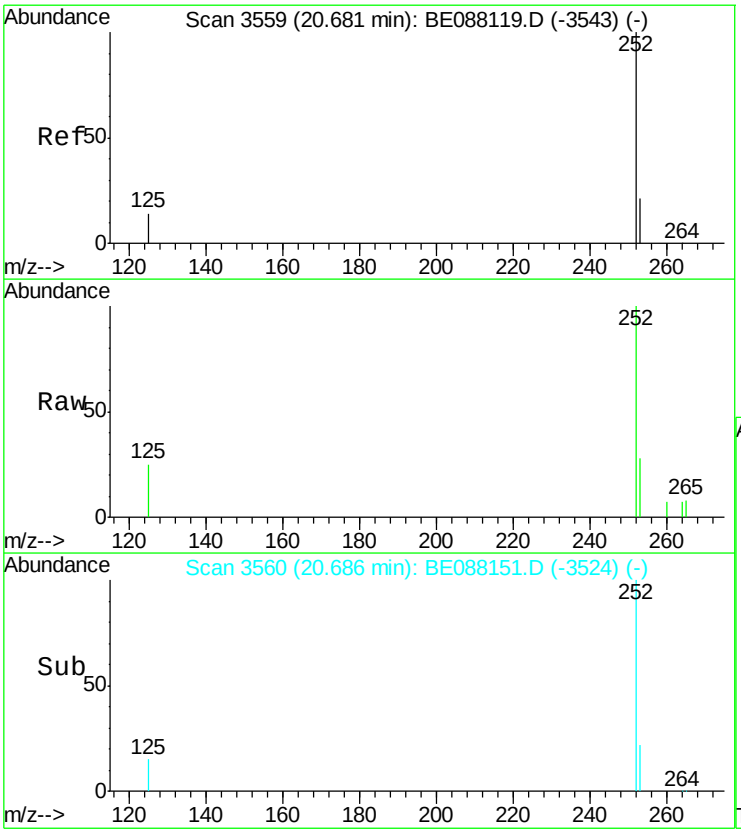
#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:264 Resp: 40339

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.9	17.2	25.8

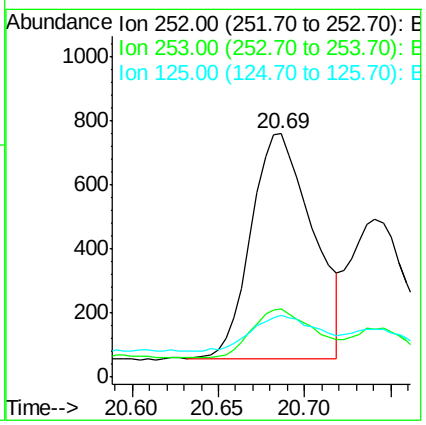


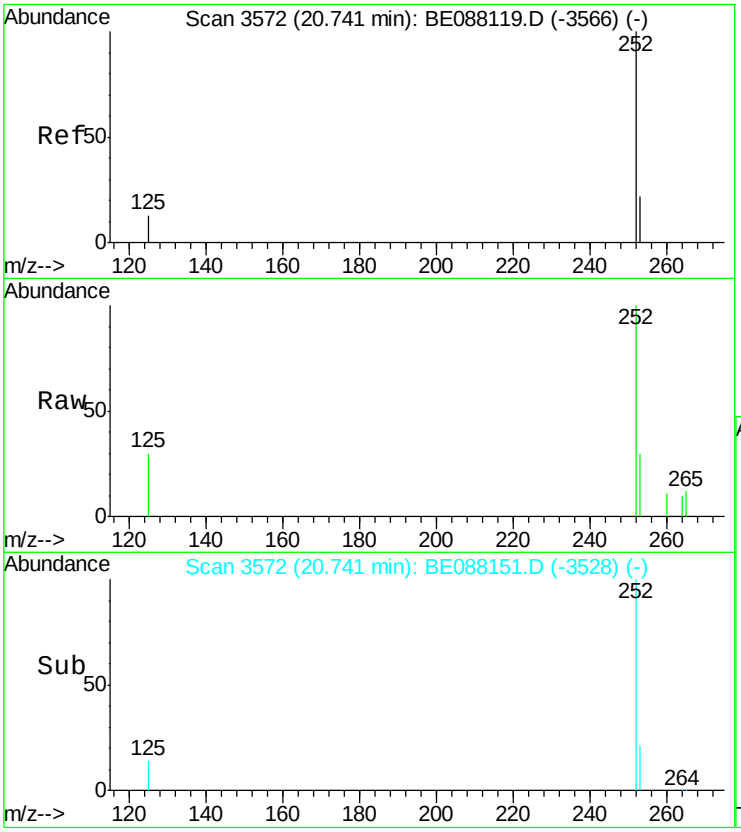


#23
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 20.69 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:252 Resp: 1737

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.4	26.0#
125	25.1	11.8	17.8#



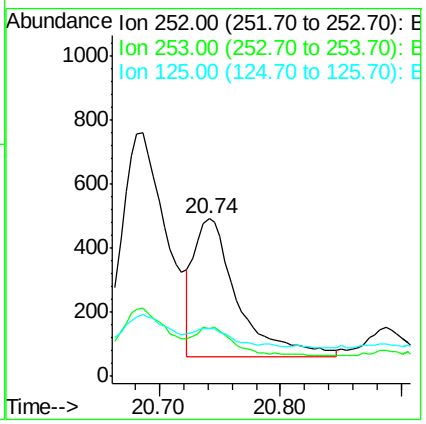


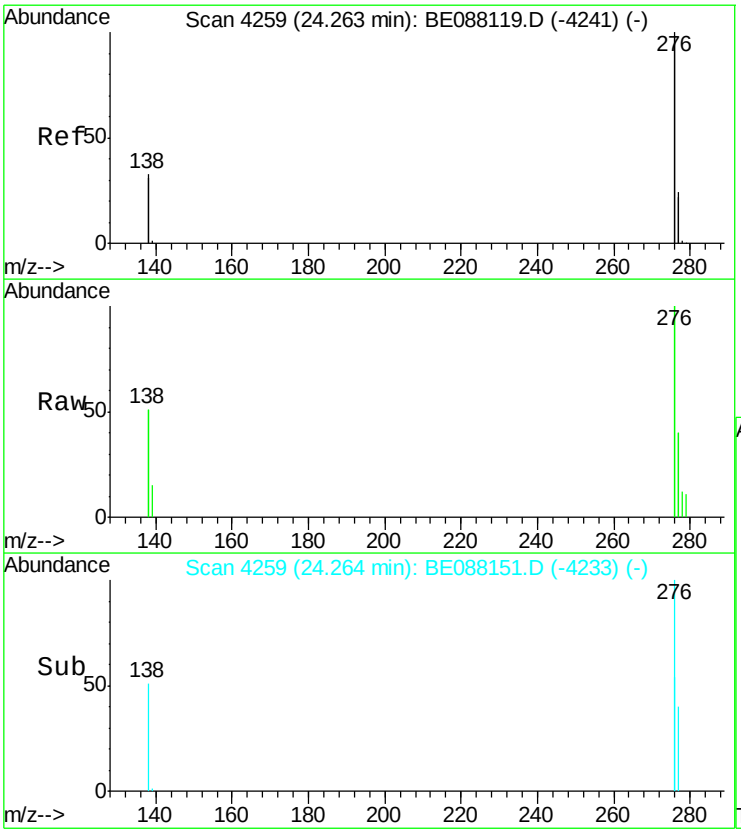
#24
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 20.74 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Instrument :
BNA_E
ClientSampleId :
YS19-SW08P-1014

Tgt Ion:252 Resp: 1076

Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.6	26.4#
125	30.1	11.5	17.3#





#27
Benzo(g,h,i)perylene
Concen: 0.08 ng
RT: 24.26 min Scan# 4259
Delta R.T. 0.00 min
Lab File: BE088151.D
Acq: 21 Oct 2014 20:14

Tgt Ion:276 Resp: 3135

Ion	Ratio	Lower	Upper
276	100		
277	40.5	19.2	28.8#
138	50.9	26.6	40.0#