Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
Data File : BE088130.D
Acq On : 21 Oct 2014 7:59
Operator : TP/JJ
Sample : F4244-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YS19-EB01-100914-GW

Quant Time: Oct 21 08:39:36 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	39263	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	144331	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	64369	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	116174	5.00	ng		0.00
16) Chrysene-d12	18.38	240	84585	5.00	ng		0.00
22) Perylene-d12	21.44	264	83275	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.83	82	68627	6.60	ng		0.00
8) 2-Fluorobiphenyl	10.04	172	118054	6.64	ng		0.00
18) Terphenyl-d14	16.15	244	111378	8.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	13762	2.44	ng	#	1
5) Naphthalene	8.72	128	1071	0.04	ng	#	83
6) 2-Methylnaphthalene	9.58	142	1168	0.07	ng	#	94
11) Fluorene	11.55	166	541	0.03	ng	#	80
13) Phenanthrene	13.00	178	5985	Below	Cal	#	74
14) Anthracene	13.09	178	2392	0.03	ng	#	71
15) Fluoranthene	15.25	202	1553	0.07	ng		100
17) Pyrene	15.70	202	1688	0.07	ng		98
19) Benzo(a)anthracene	18.36	228	5633	0.07	ng	#	91
20) Chrysene	18.43	228	6157	0.08	ng	#	91
21) Indeno(1,2,3-cd)pyrene	23.63	276	2975	0.04	ng	#	82
23) Benzo(b)fluoranthene	20.68	252	1022	0.05	ng	#	79
24) Benzo(k)fluoranthene	20.74	252	1102	0.05	ng	#	82
25) Benzo(a)pyrene	21.32	252	715	0.04	ng	#	72
26) Dibenzo(a,h)anthracene	23.73	278	773	0.04	ng	#	69
27) Benzo(g,h,i)perylene	24.26	276	3464	0.04	ng	#	77

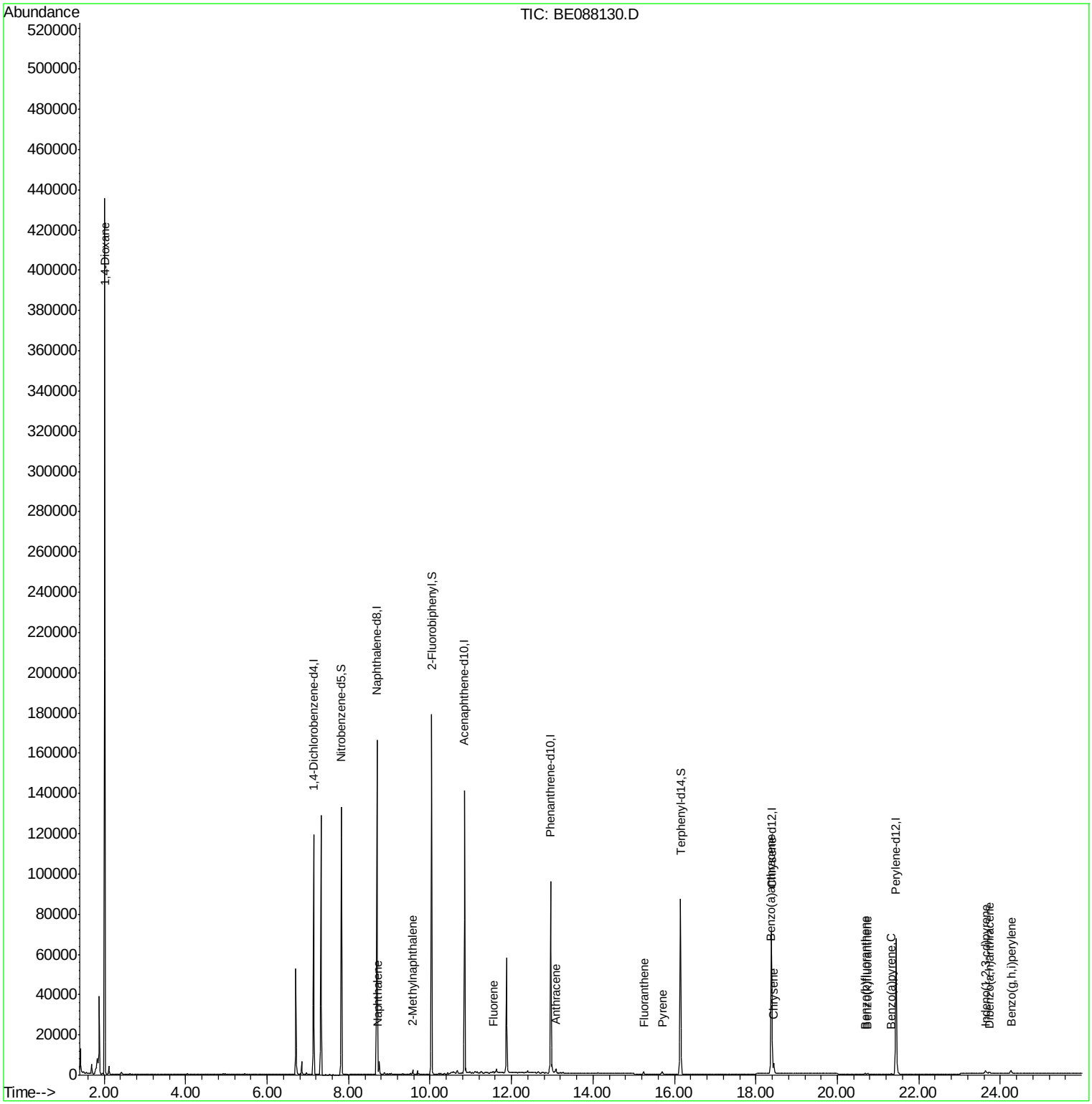
(#) = qualifier out of range (m) = manual integration (+) = signals summed

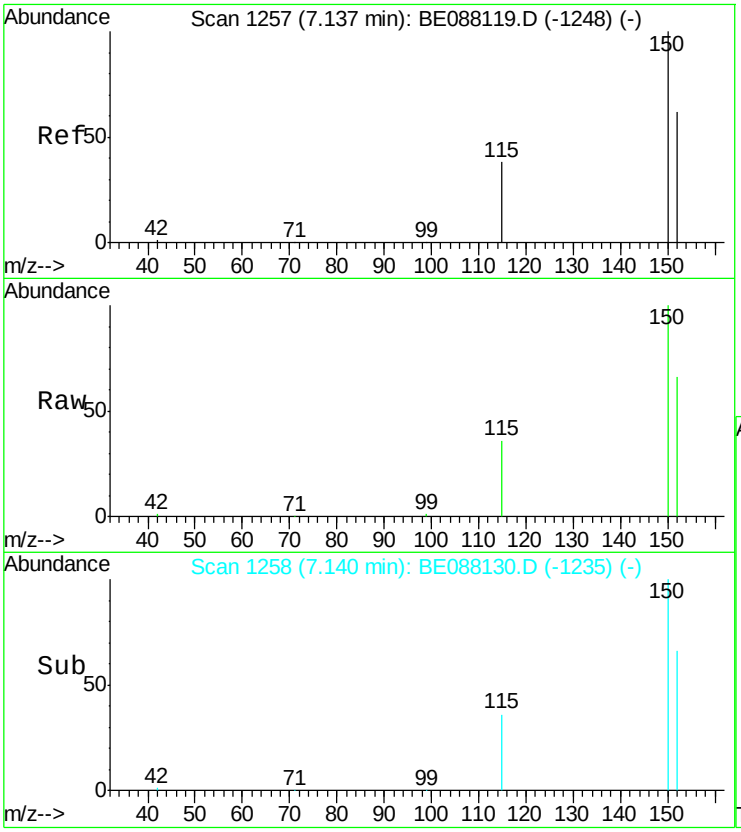
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
Data File : BE088130.D
Acq On : 21 Oct 2014 7:59
Operator : TP/JJ
Sample : F4244-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Quant Time: Oct 21 08:39:36 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



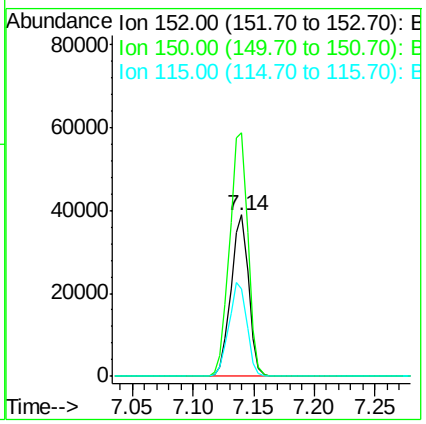


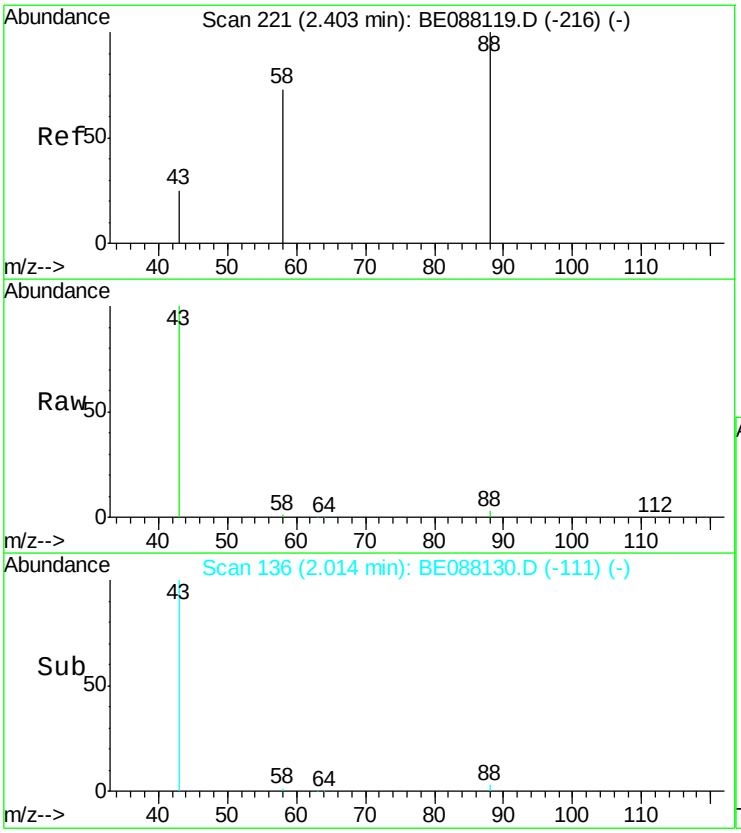
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:152 Resp: 39263

Ion	Ratio	Lower	Upper
152	100		
150	151.2	129.2	193.8
115	54.6	49.3	73.9

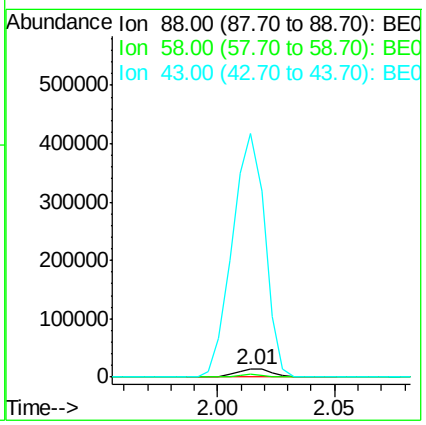


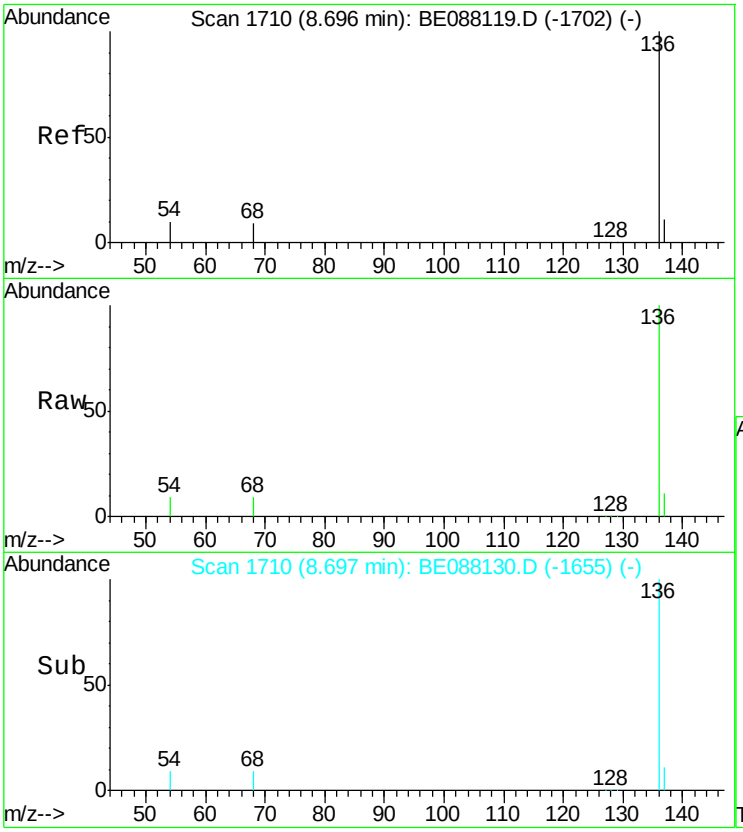


#2
1,4-Dioxane
Concen: 2.44 ng
RT: 2.01 min Scan# 136
Delta R.T. -0.39 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion: 88 Resp: 13762

Ion	Ratio	Lower	Upper
88	100		
58	27.5	59.5	89.3#
43	2943.4	21.2	31.8#



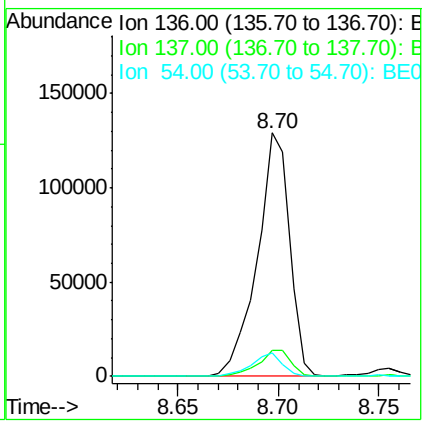


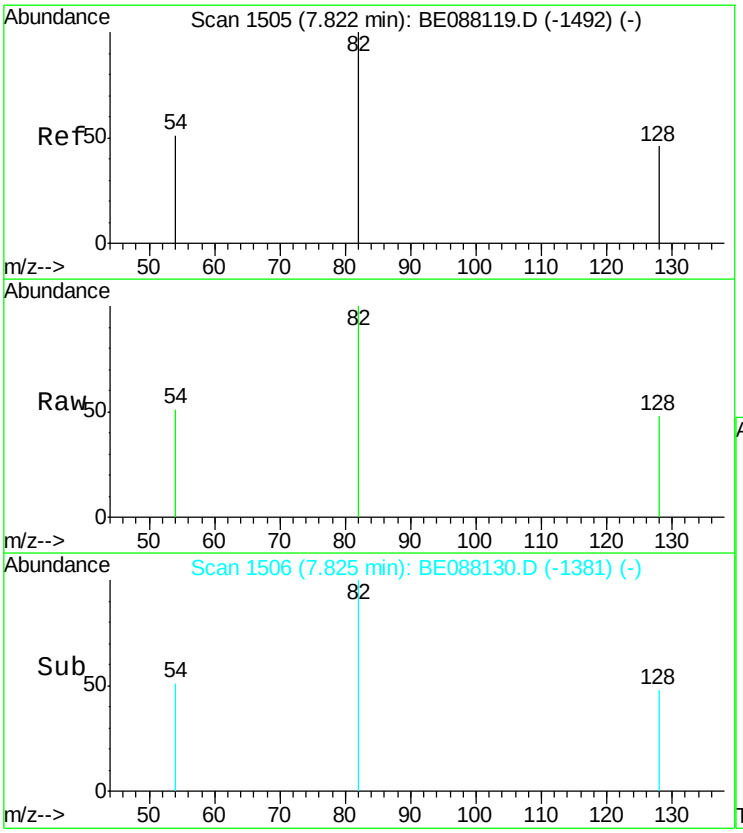
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:136 Resp: 144331

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.4	7.7	11.5

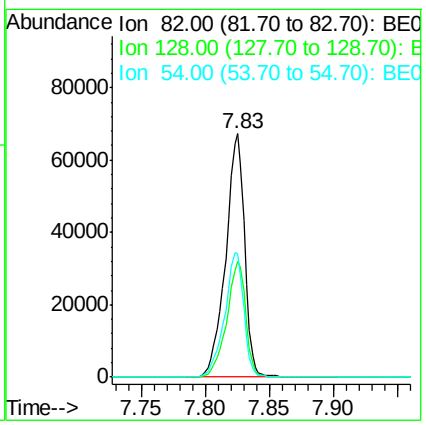


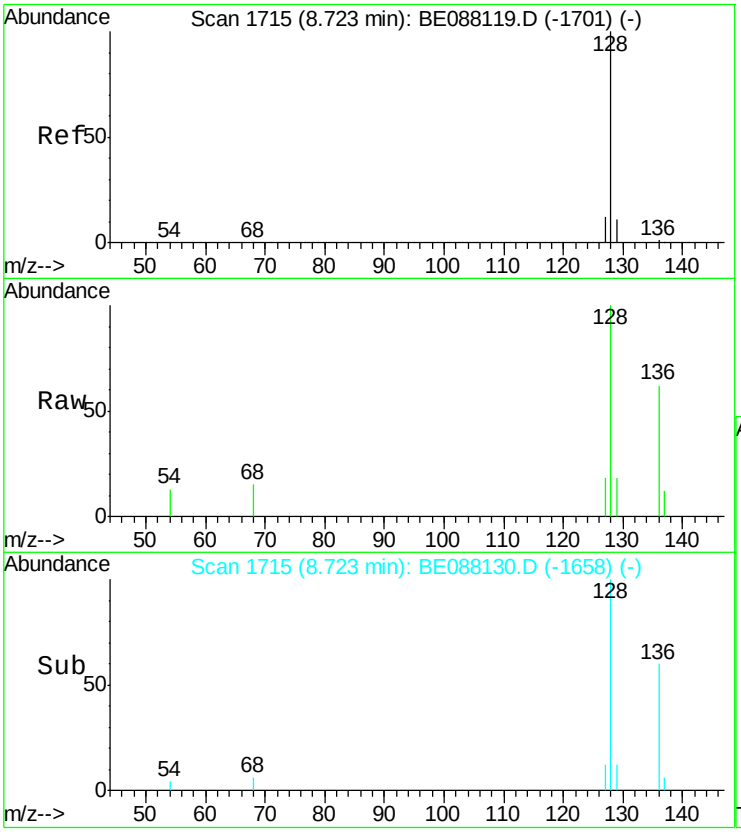


#4
Nitrobenzene-d5
Concen: 6.60 ng
RT: 7.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion: 82 Resp: 68627

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.1	55.7
54	50.6	41.1	61.7



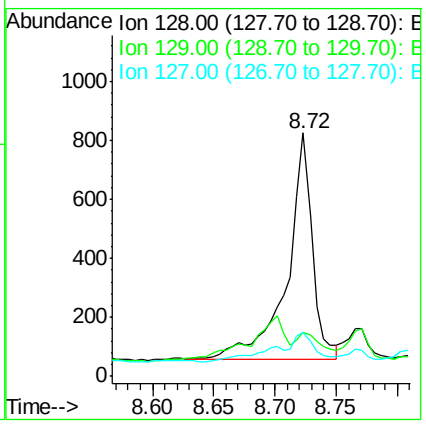


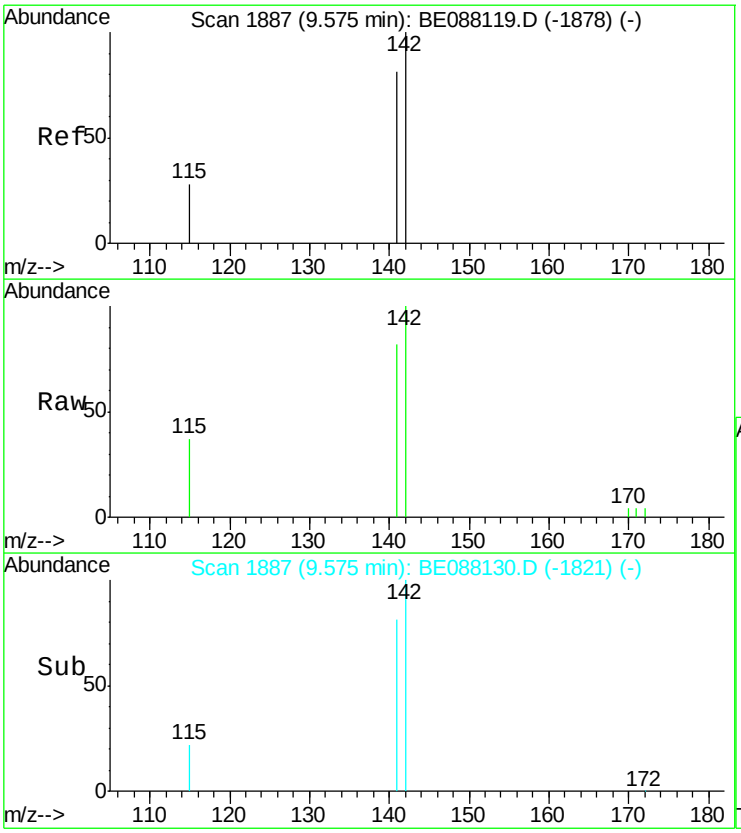
#5
Naphthalene
Concen: 0.04 ng
RT: 8.72 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:128 Resp: 1071

Ion	Ratio	Lower	Upper
128	100		
129	18.2	8.9	13.3#
127	17.9	9.7	14.5#

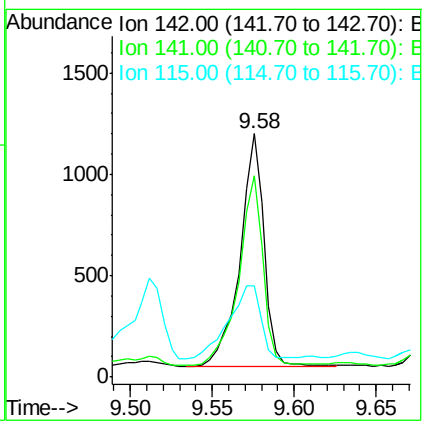


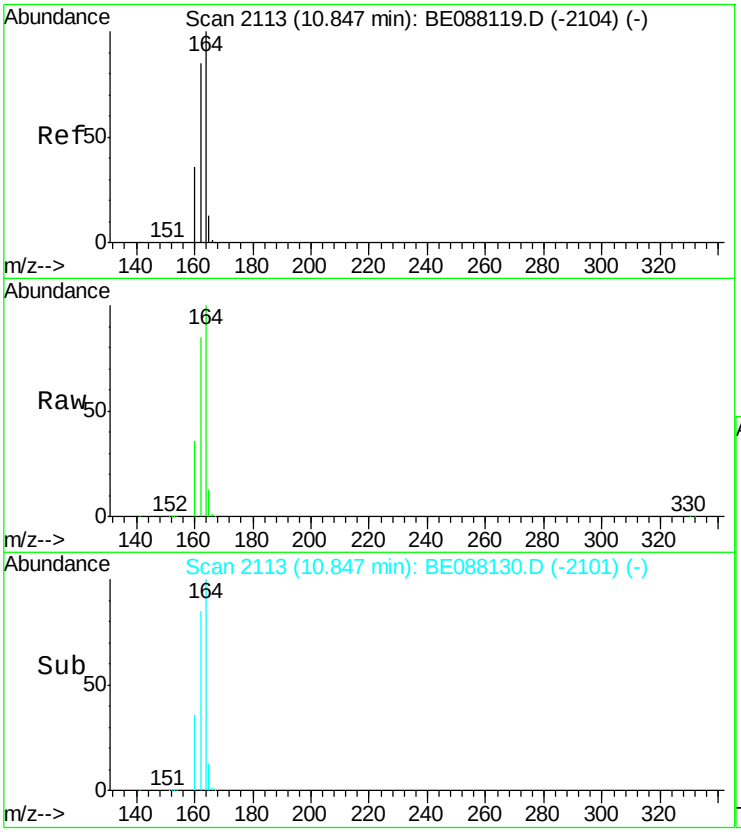


#6
2-Methylnaphthalene
Concen: 0.07 ng
RT: 9.58 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:142 Resp: 1168

Ion	Ratio	Lower	Upper
142	100		
141	82.4	64.6	97.0
115	37.4	22.6	34.0#



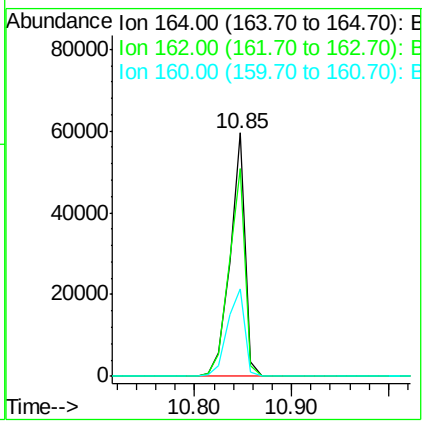


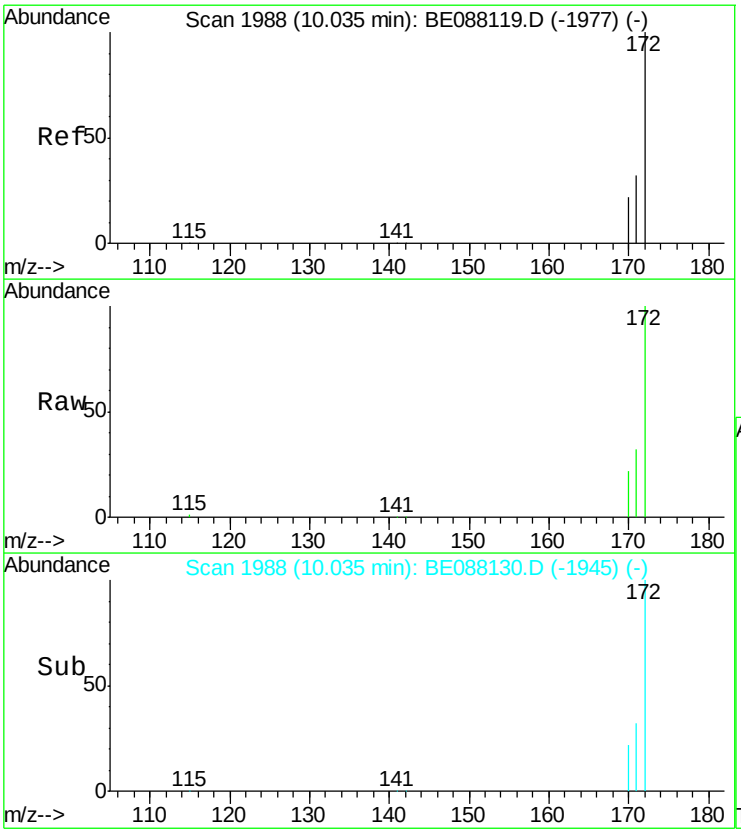
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:164 Resp: 64369

Ion	Ratio	Lower	Upper
164	100		
162	85.2	68.3	102.5
160	36.0	28.7	43.1

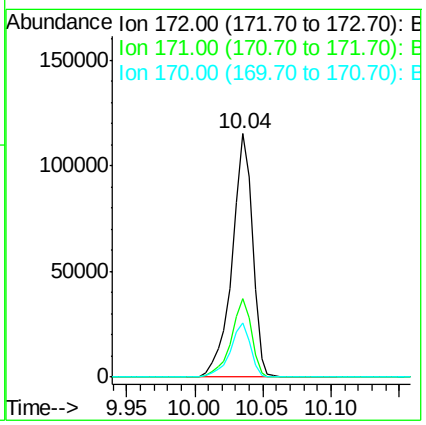


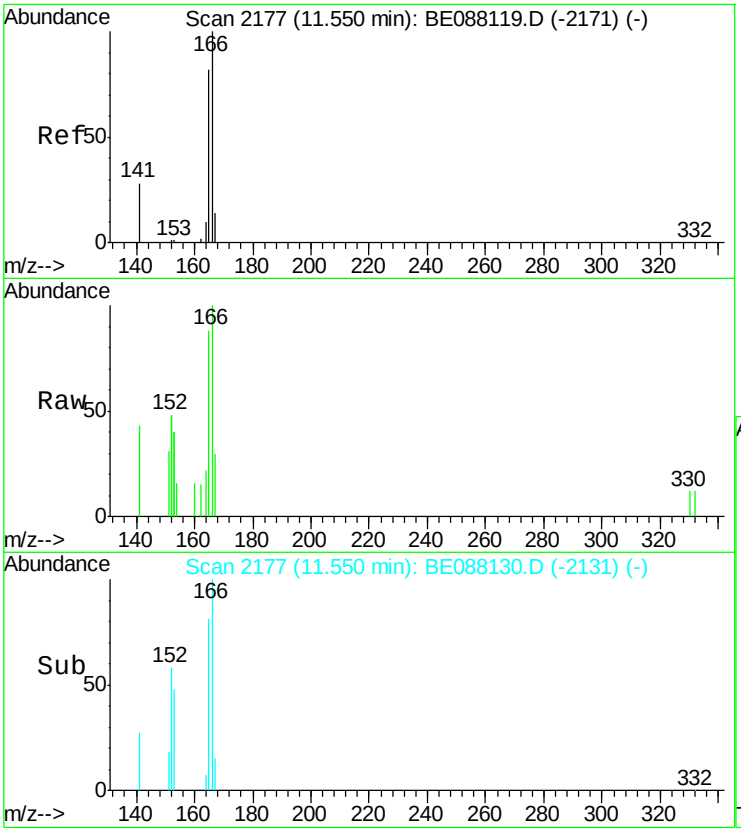


#8
2-Fluorobiphenyl
Concen: 6.64 ng
RT: 10.04 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:172 Resp: 118054

Ion	Ratio	Lower	Upper
172	100		
171	32.4	25.4	38.2
170	22.2	17.4	26.2



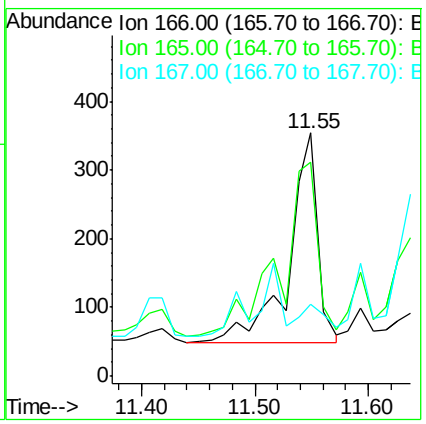


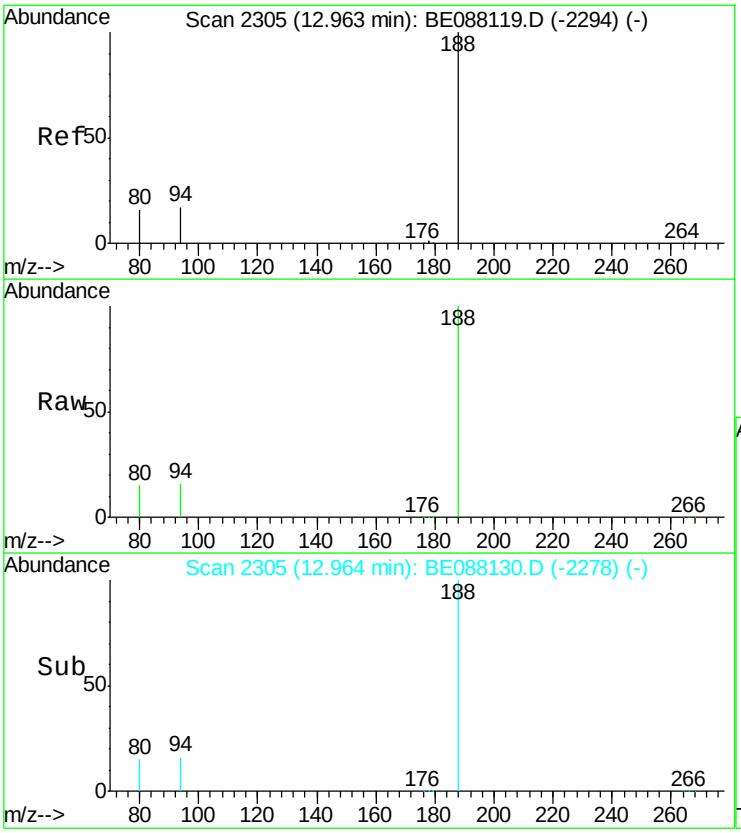
#11
Fluorene
Concen: 0.03 ng
RT: 11.55 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:166 Resp: 541

Ion	Ratio	Lower	Upper
166	100		
165	109.4	71.4	107.2#
167	7.9	10.6	16.0#

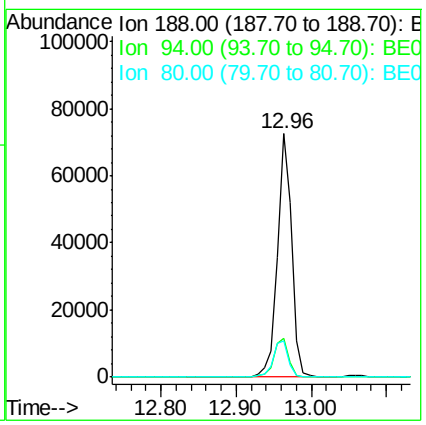


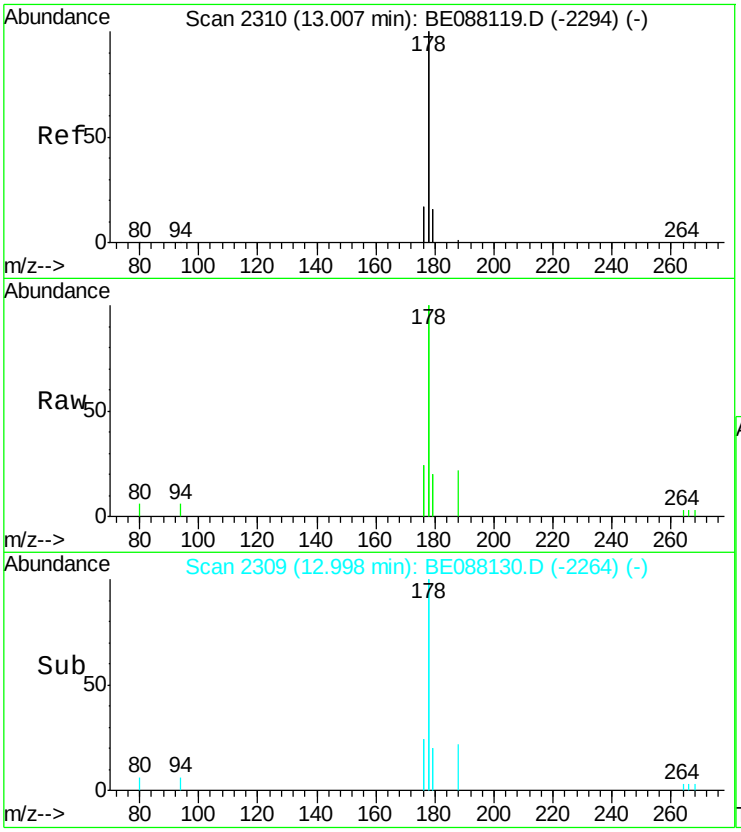


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:188 Resp: 116174

Ion	Ratio	Lower	Upper
188	100		
94	15.9	13.9	20.9
80	14.8	12.9	19.3



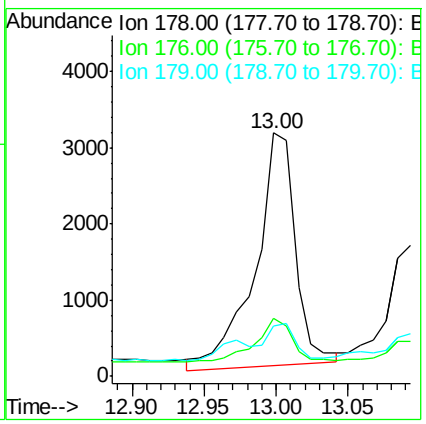


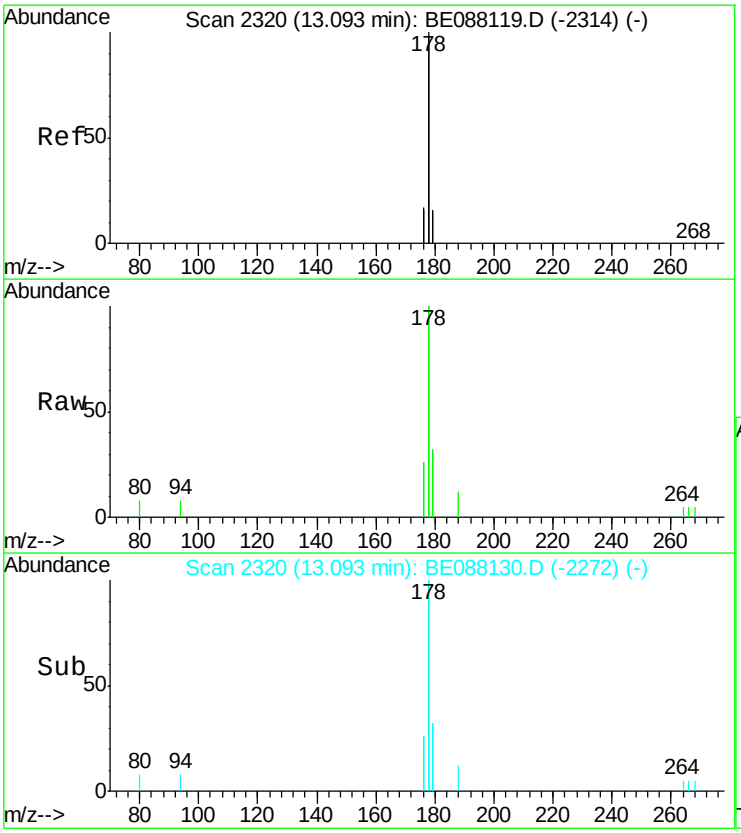
#13
Phenanthrene
Concen: Below Cal
RT: 13.00 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:178 Resp: 5985

Ion	Ratio	Lower	Upper
178	100		
176	25.8	12.5	18.7#
179	28.7	13.5	20.3#

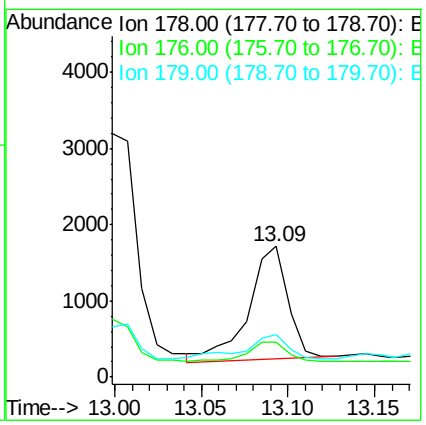


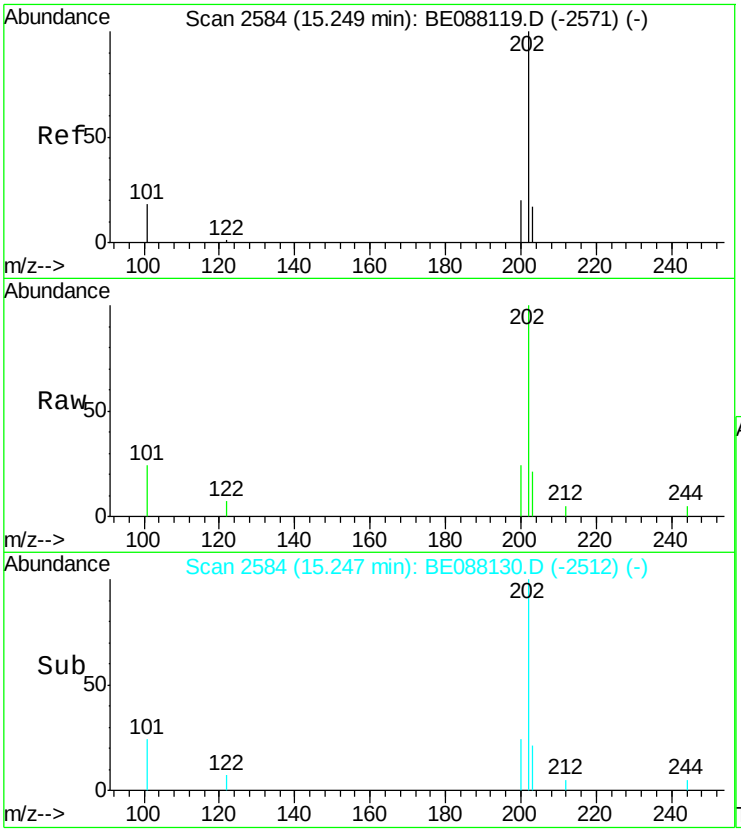


#14
Anthracene
Concen: 0.03 ng
RT: 13.09 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:178 Resp: 2392

Ion	Ratio	Lower	Upper
178	100		
176	23.8	14.6	21.8#
179	35.7	12.5	18.7#



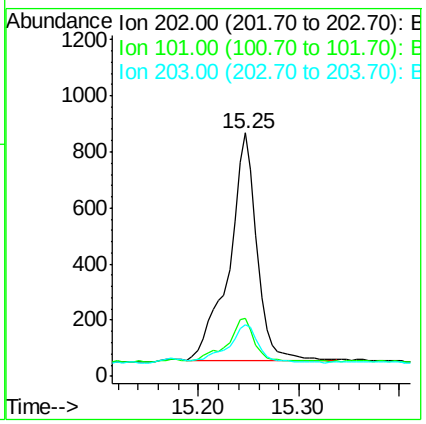


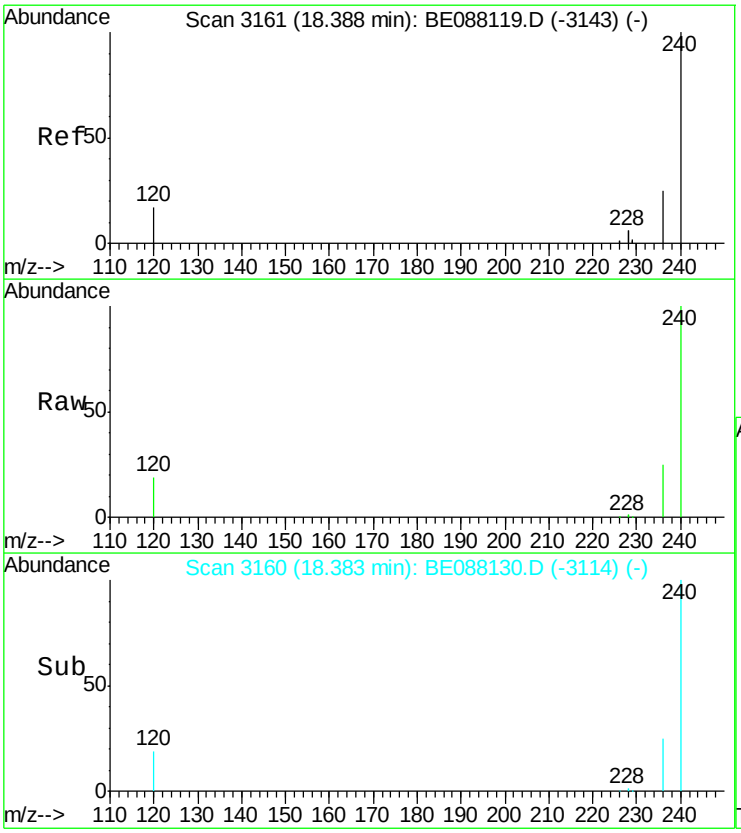
#15
Fluoranthene
Concen: 0.07 ng
RT: 15.25 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:202 Resp: 1553

Ion	Ratio	Lower	Upper
202	100		
101	18.6	14.8	22.2
203	16.9	13.5	20.3

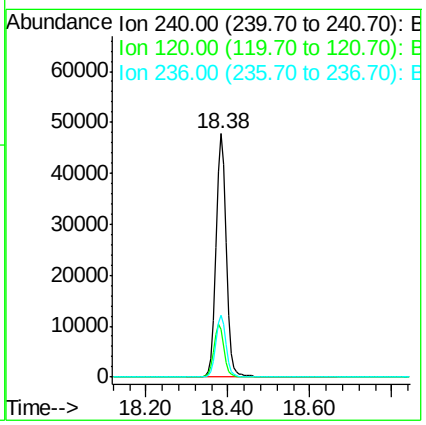


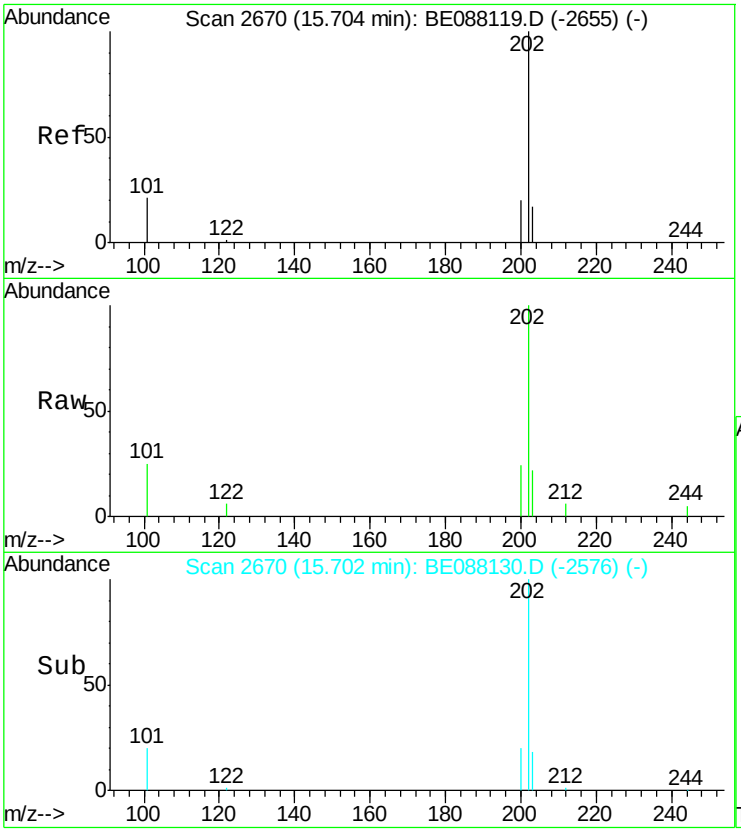


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:240 Resp: 84585

Ion	Ratio	Lower	Upper
240	100		
120	19.4	13.9	20.9
236	25.2	19.9	29.9



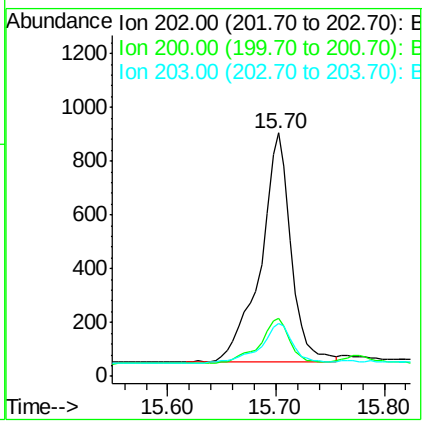


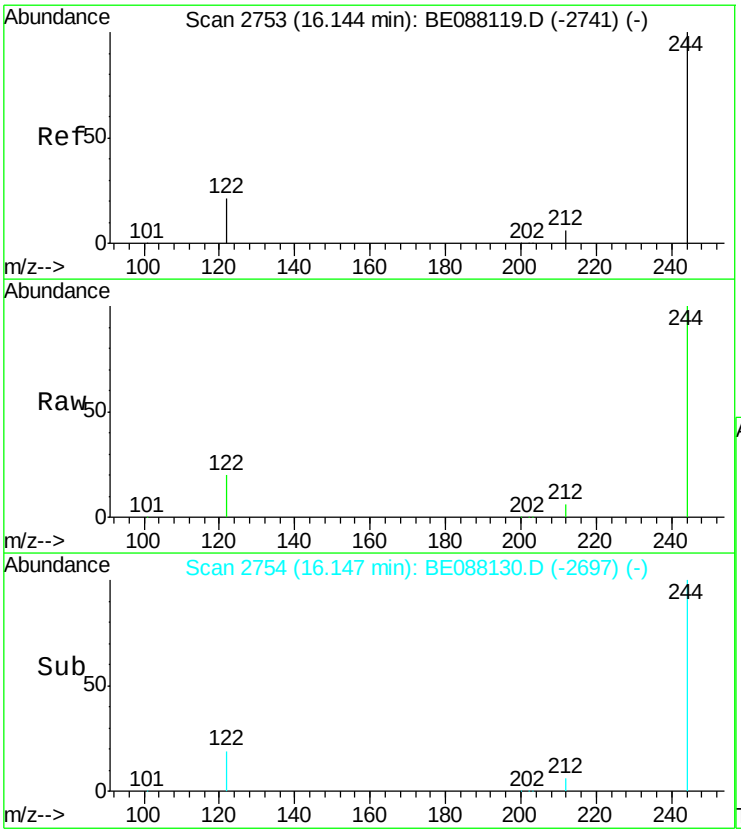
#17
Pyrene
Concen: 0.07 ng
RT: 15.70 min Scan# 2670
Delta R.T. -0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:202 Resp: 1688

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.1	24.1
203	18.8	13.9	20.9

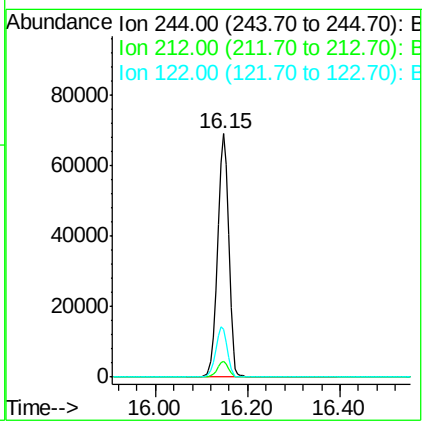


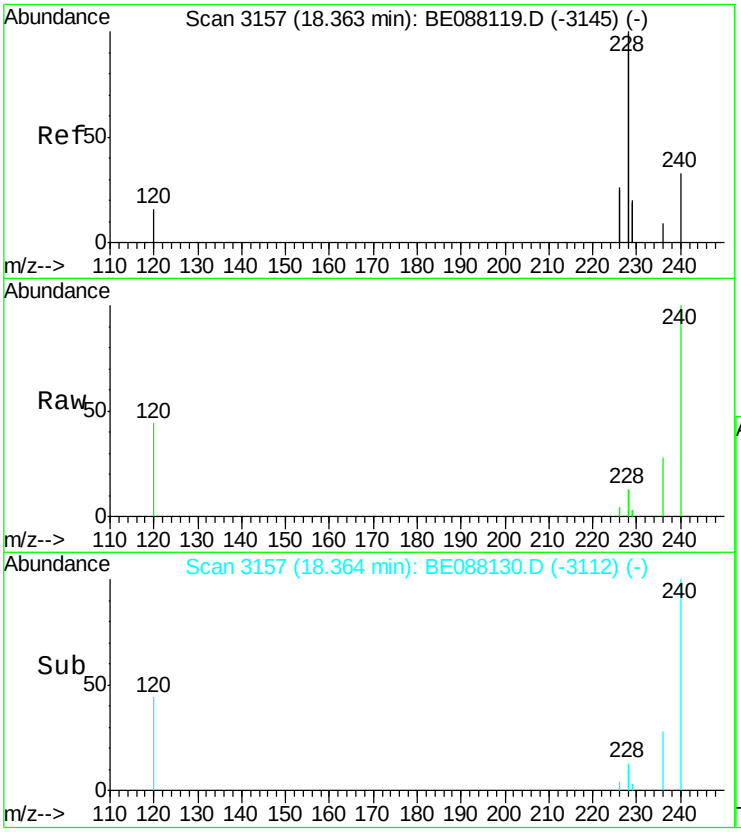


#18
Terphenyl-d14
Concen: 8.18 ng
RT: 16.15 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:244 Resp: 111378

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	19.5	17.5	26.3



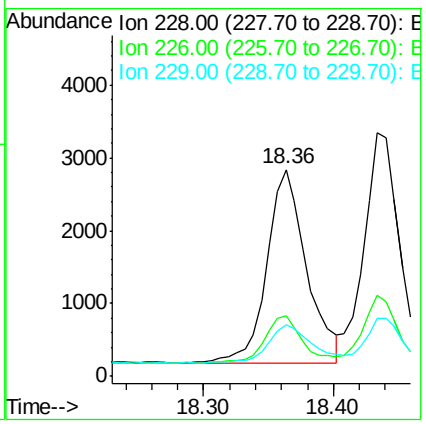


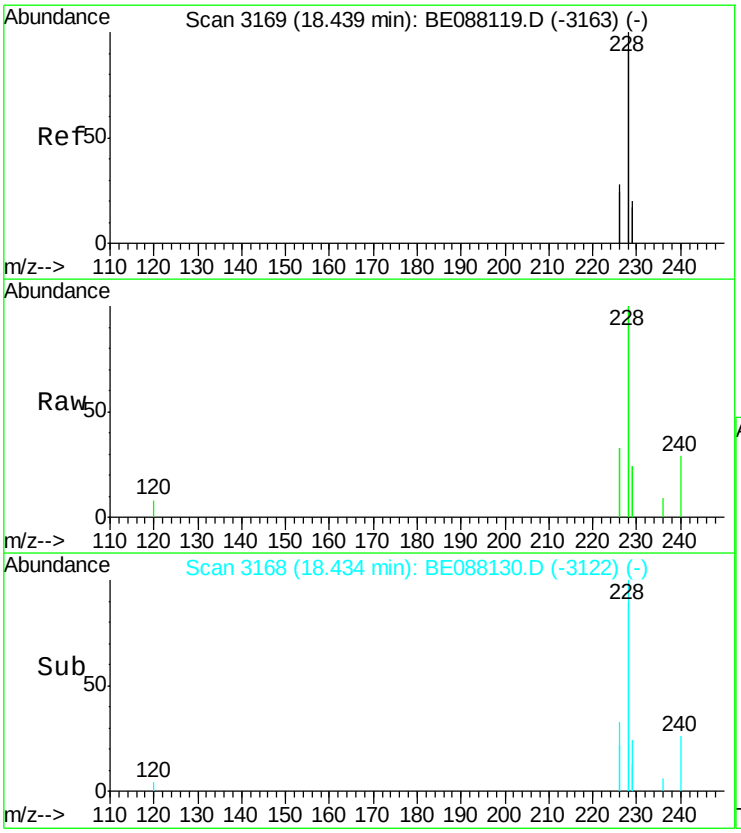
#19
Benzo(a)anthracene
Concen: 0.07 ng
RT: 18.36 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:228 Resp: 5633

Ion	Ratio	Lower	Upper
228	100		
226	29.3	20.8	31.2
229	25.2	15.6	23.4#

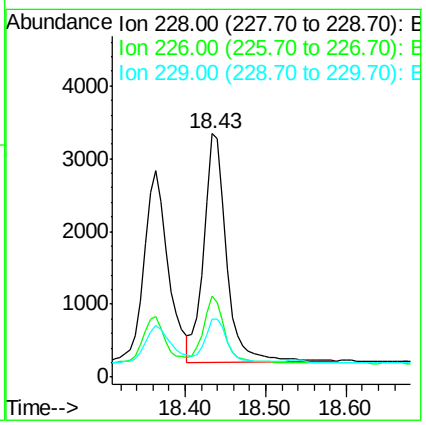


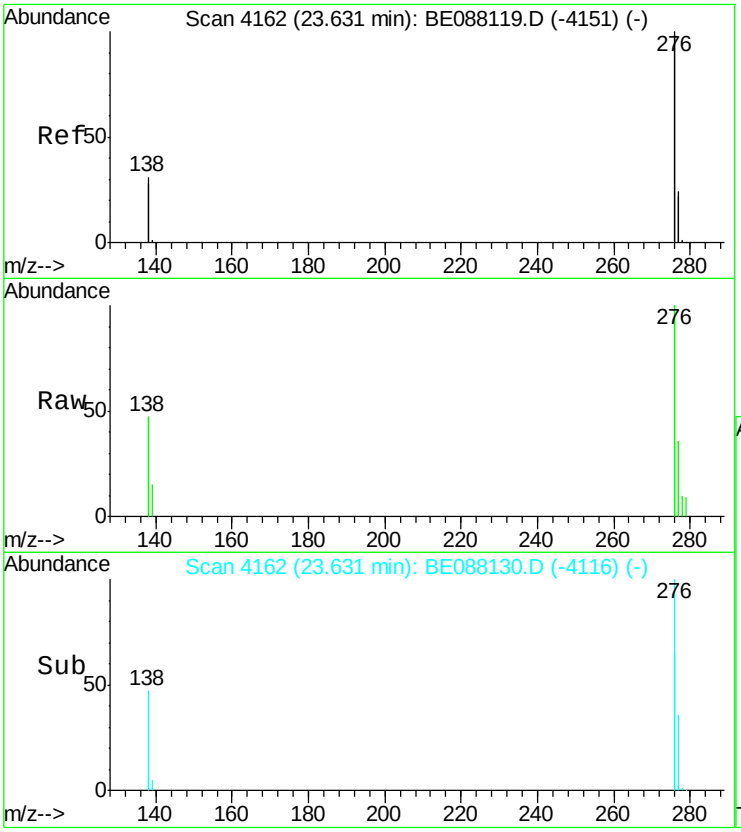


#20
Chrysene
Concen: 0.08 ng
RT: 18.43 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:228 Resp: 6157

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.7	34.1
229	24.0	15.8	23.6#



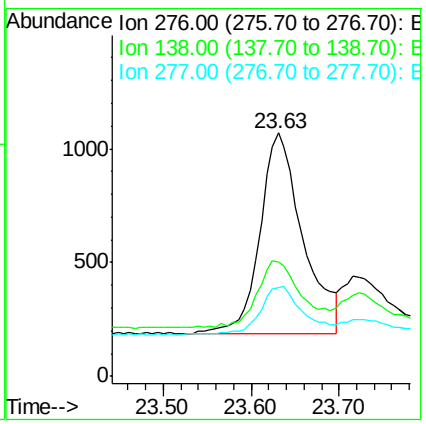


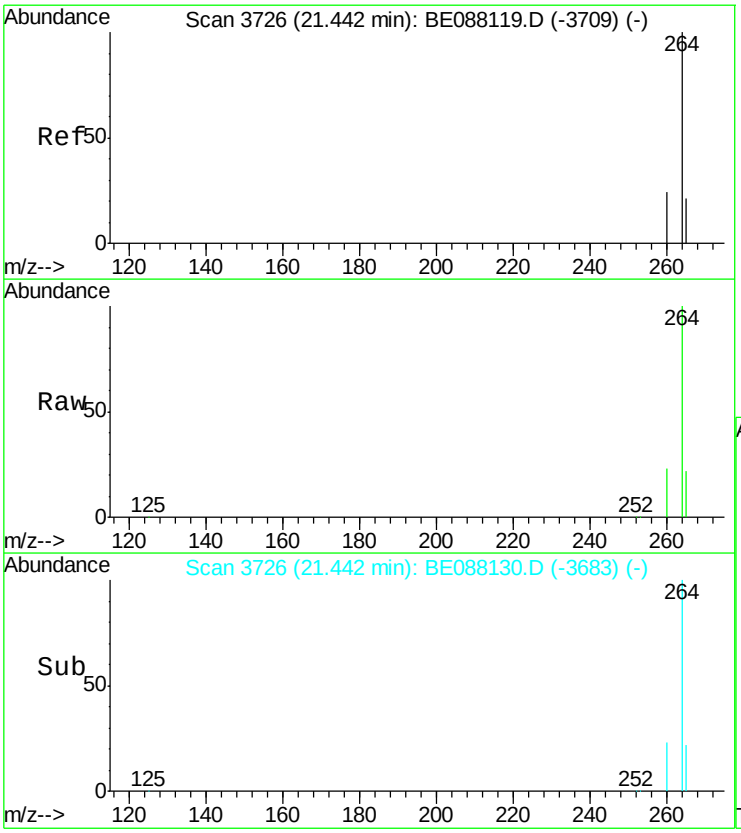
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 23.63 min Scan# 4162
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:276 Resp: 2975

Ion	Ratio	Lower	Upper
276	100		
138	34.4	18.5	27.7#
277	23.1	14.6	21.8#

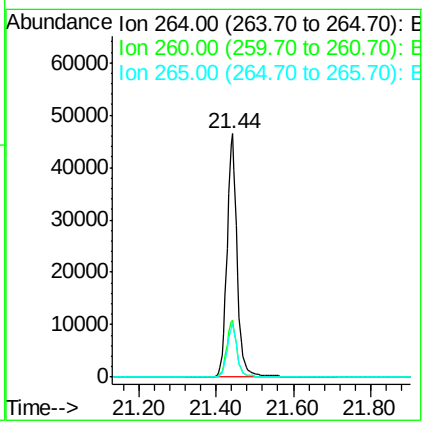


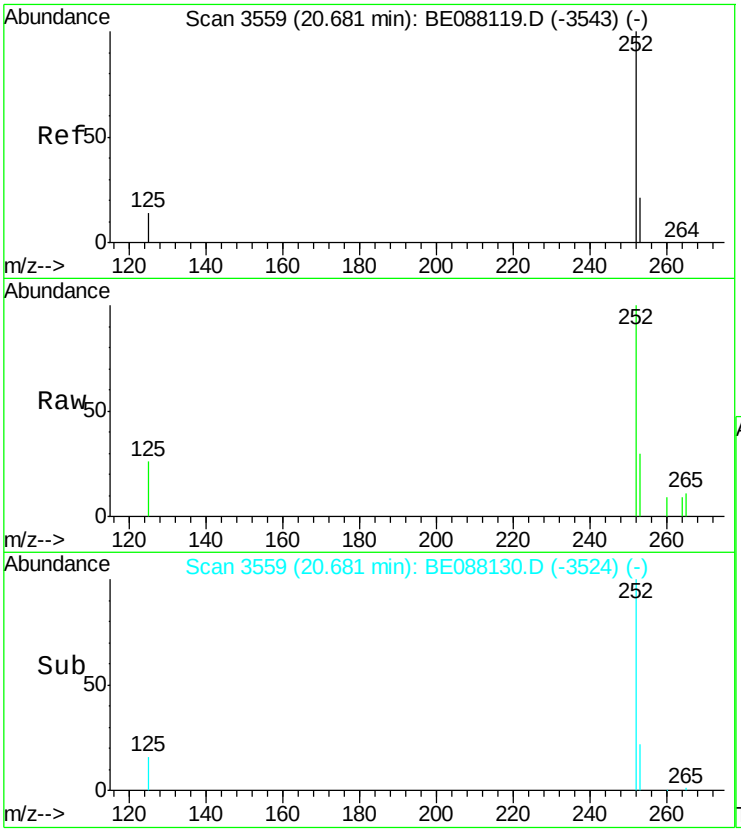


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:264 Resp: 83275

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.7	17.2	25.8



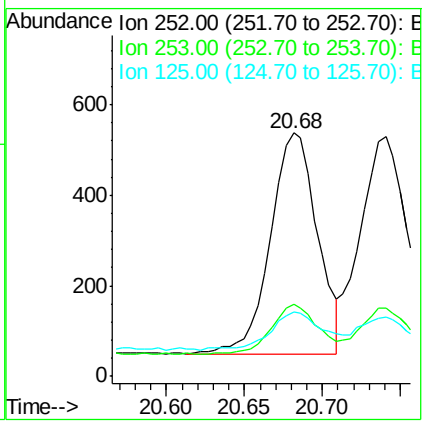


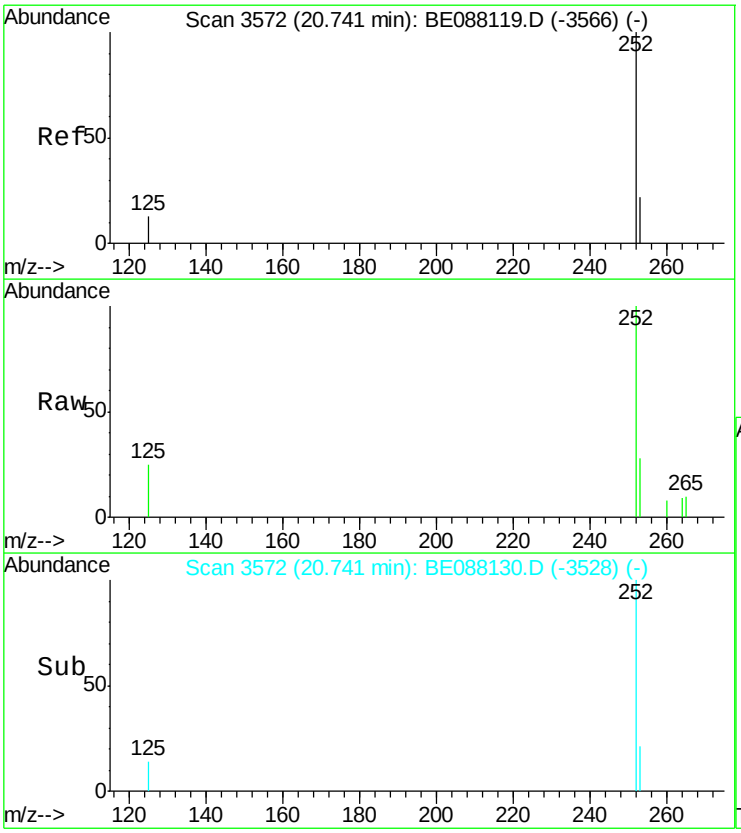
#23
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 20.68 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:252 Resp: 1022

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.4	26.0#
125	26.2	11.8	17.8#

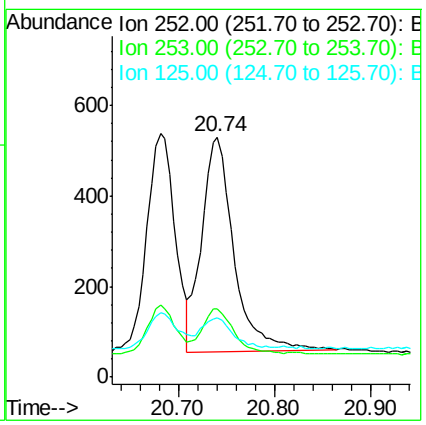


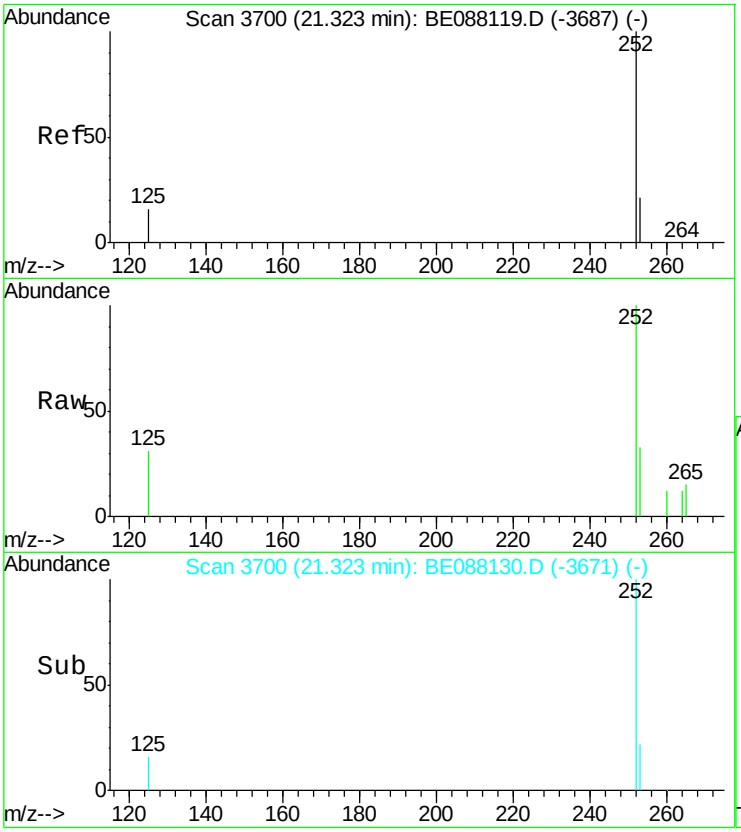


#24
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 20.74 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:252 Resp: 1102

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.6	26.4#
125	24.7	11.5	17.3#



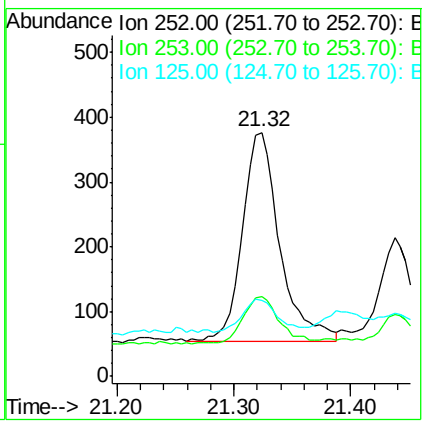


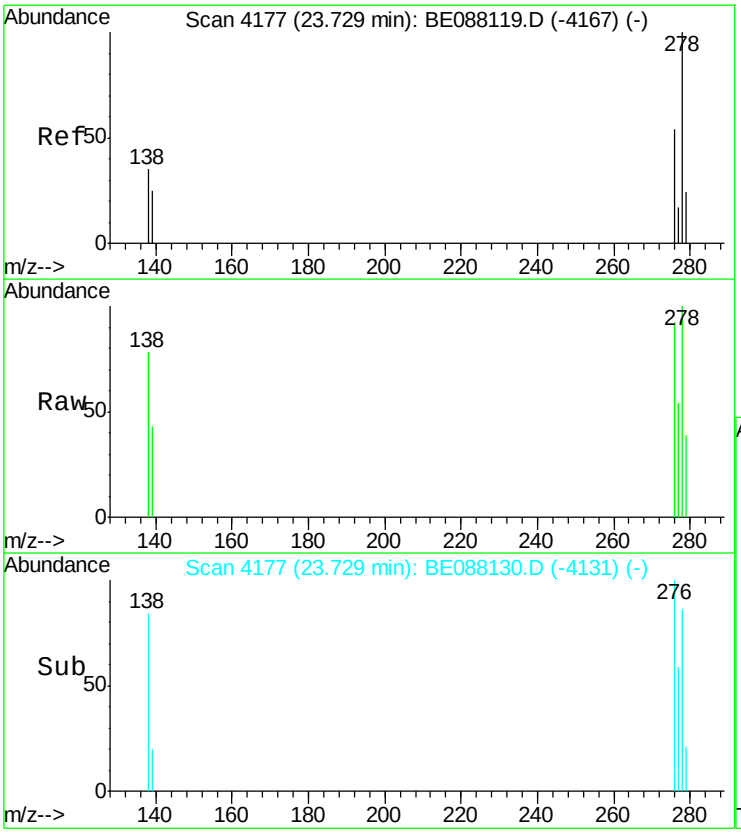
#25
Benzo(a)pyrene
Concen: 0.04 ng
RT: 21.32 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:252 Resp: 715

Ion	Ratio	Lower	Upper
252	100		
253	32.7	17.5	26.3#
125	31.4	13.0	19.6#

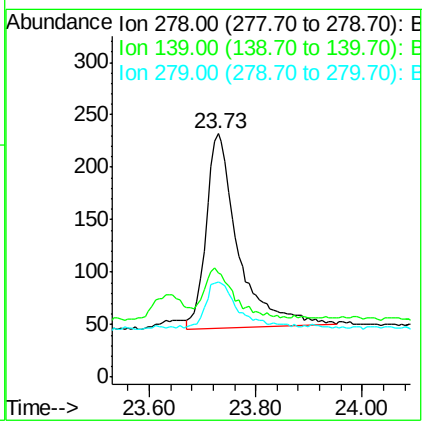


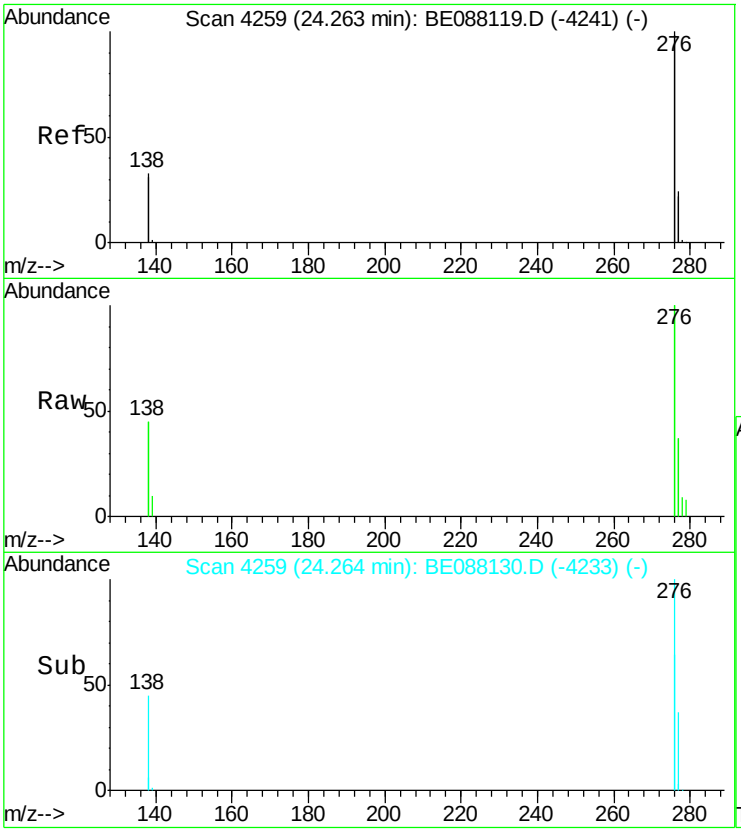


#26
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 23.73 min Scan# 4177
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Tgt Ion:278 Resp: 773

Ion	Ratio	Lower	Upper
278	100		
139	42.7	20.9	31.3#
279	39.2	19.8	29.8#





#27
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 24.26 min Scan# 4259
Delta R.T. 0.00 min
Lab File: BE088130.D
Acq: 21 Oct 2014 7:59

Instrument :
BNA_E
ClientSampleId :
YS19-EB01-100914-GW

Tgt Ion:276 Resp: 3464

Ion	Ratio	Lower	Upper
276	100		
277	36.8	19.2	28.8#
138	45.3	26.6	40.0#