Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
Data File : BE088117.D
Acq On : 20 Oct 2014 20:42
Operator : TP/JJ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Oct 21 01:56:56 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 01:52:35 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	55040	5.00	ng		0.00
3) Naphthalene-d8	8.70	136	207410	5.00	ng		0.00
7) Acenaphthene-d10	10.85	164	92812	5.00	ng		0.00
12) Phenanthrene-d10	12.96	188	165479	5.00	ng		0.00
16) Chrysene-d12	18.39	240	124071	5.00	ng		0.00
22) Perylene-d12	21.45	264	113013	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.82	82	7614	0.61	ng		0.00
8) 2-Fluorobiphenyl	10.03	172	13420	0.52	ng		0.00
18) Terphenyl-d14	16.15	244	10356	0.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	4007	0.51	ng		100
5) Naphthalene	8.72	128	22219	0.53	ng		100
6) 2-Methylnaphthalene	9.58	142	13393	0.54	ng		100
9) Acenaphthylene	10.67	152	74013	0.56	ng		100
10) Acenaphthene	10.88	154	11173	0.52	ng		99
11) Fluorene	11.55	166	12106	0.55	ng		99
13) Phenanthrene	13.01	178	86593	0.56	ng		96
14) Anthracene	13.09	178	67969	0.50	ng		99
15) Fluoranthene	15.25	202	16274	0.50	ng		100
17) Pyrene	15.70	202	17285	0.54	ng		100
19) Benzo(a)anthracene	18.36	228	54971	0.58	ng		100
20) Chrysene	18.44	228	55042	0.48	ng		99
21) Indeno(1,2,3-cd)pyrene	23.64	276	47365	0.50	ng	#	85
23) Benzo(b)fluoranthene	20.68	252	13616	0.64	ng		99
24) Benzo(k)fluoranthene	20.74	252	14612	0.50	ng		99
25) Benzo(a)pyrene	21.32	252	12565	0.69	ng		100
26) Dibenzo(a,h)anthracene	23.73	278	12192	0.63	ng		99
27) Benzo(g,h,i)perylene	24.26	276	53734	0.58	ng		100

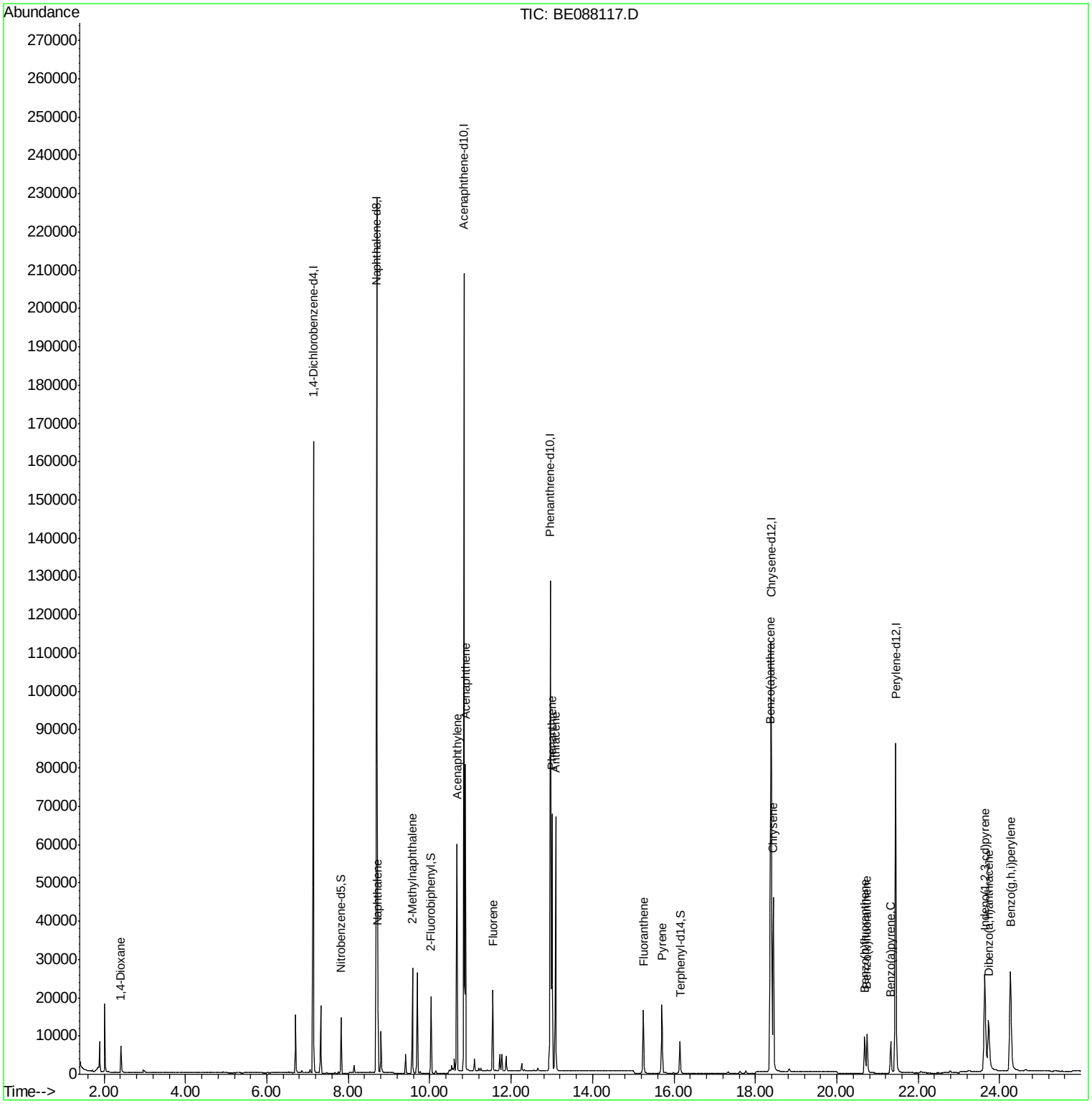
(#) = qualifier out of range (m) = manual integration (+) = signals summed

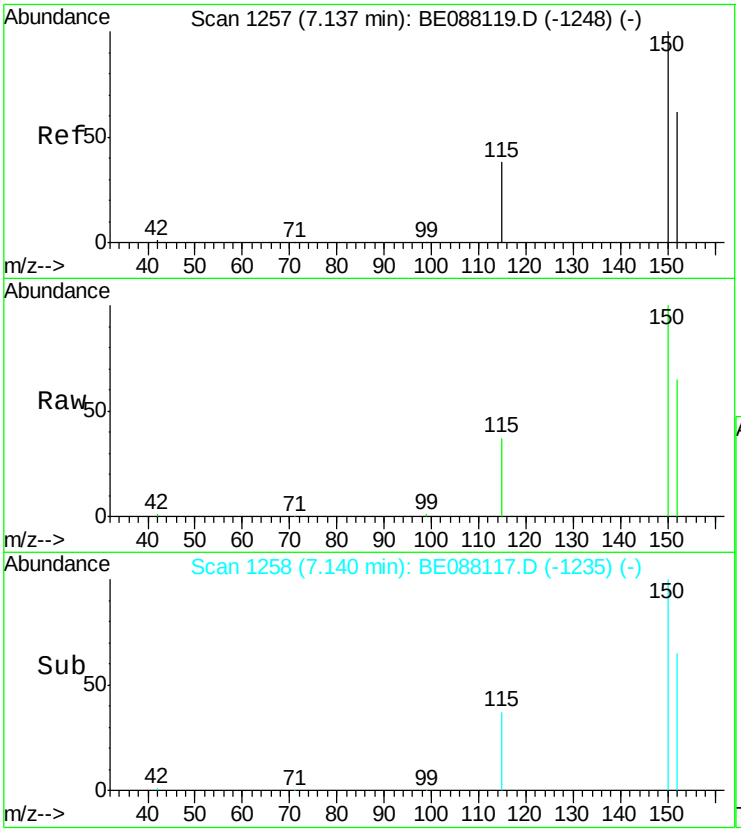
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102014\
Data File : BE088117.D
Acq On : 20 Oct 2014 20:42
Operator : TP/JJ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Oct 21 01:56:56 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 01:52:35 2014
Response via : Initial Calibration



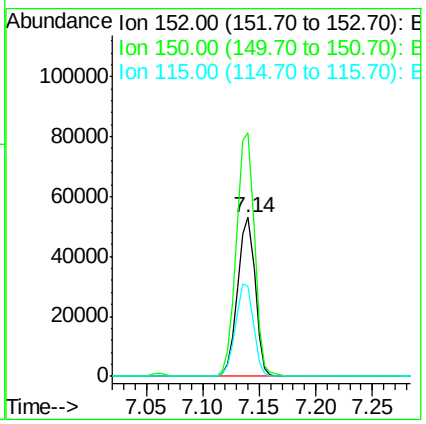


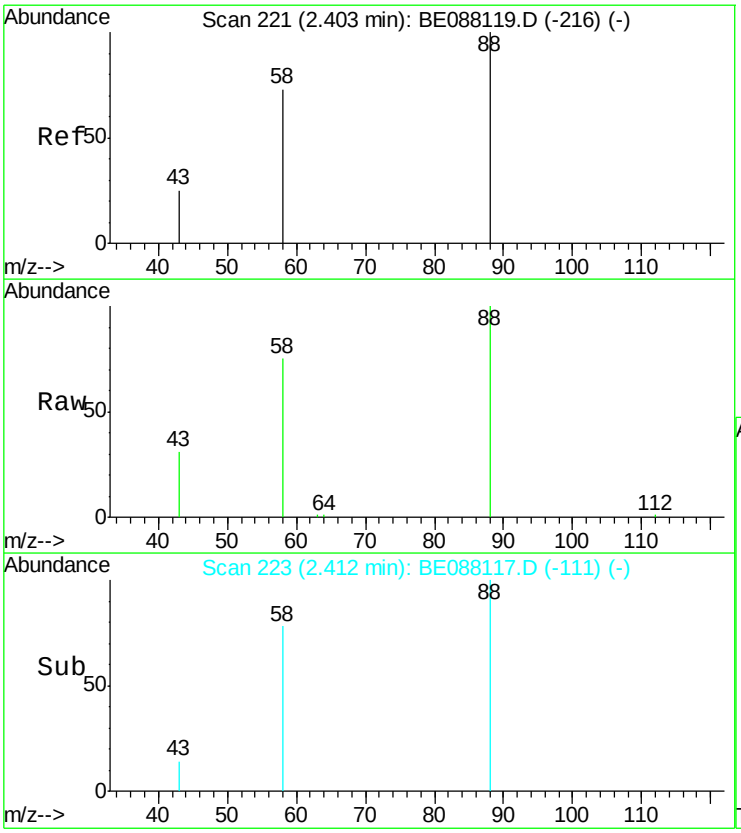
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.14 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 55040

Ion	Ratio	Lower	Upper
152	100		
150	153.2	129.2	193.8
115	56.4	49.3	73.9

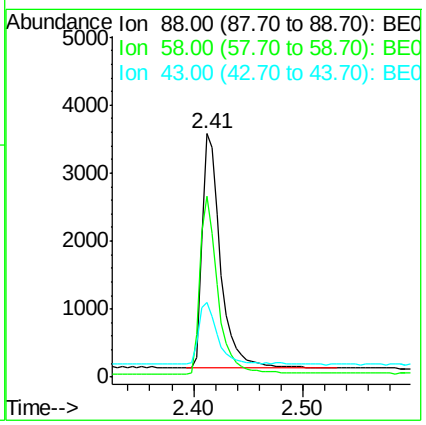


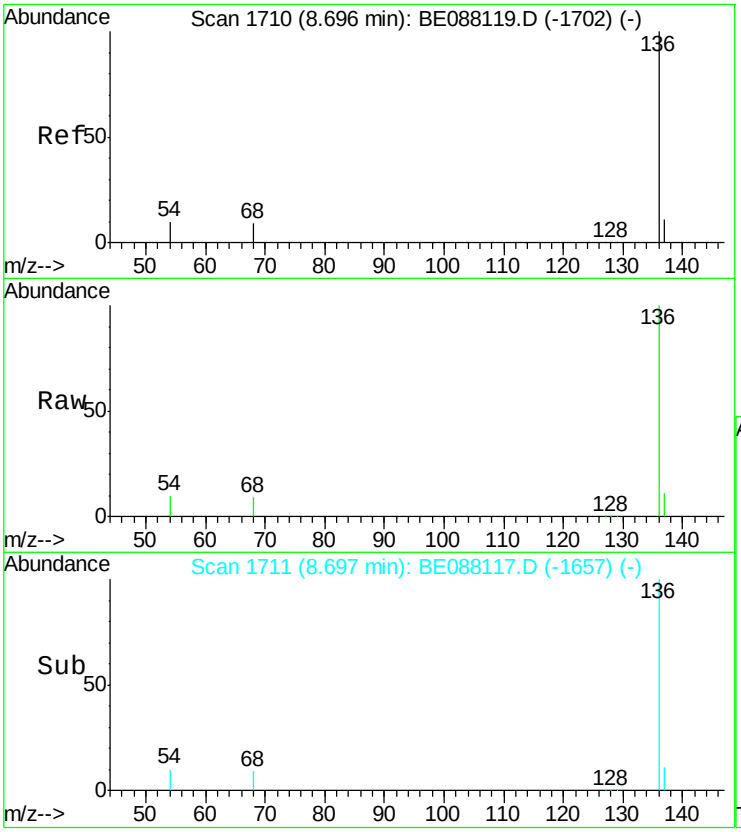


#2
1,4-Dioxane
Concen: 0.51 ng
RT: 2.41 min Scan# 223
Delta R.T. 0.01 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion: 88 Resp: 4007

Ion	Ratio	Lower	Upper
88	100		
58	73.9	59.5	89.3
43	26.5	21.2	31.8



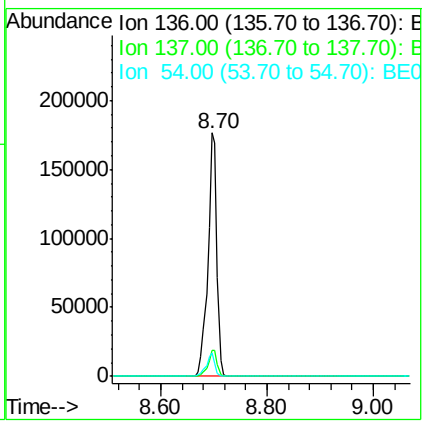


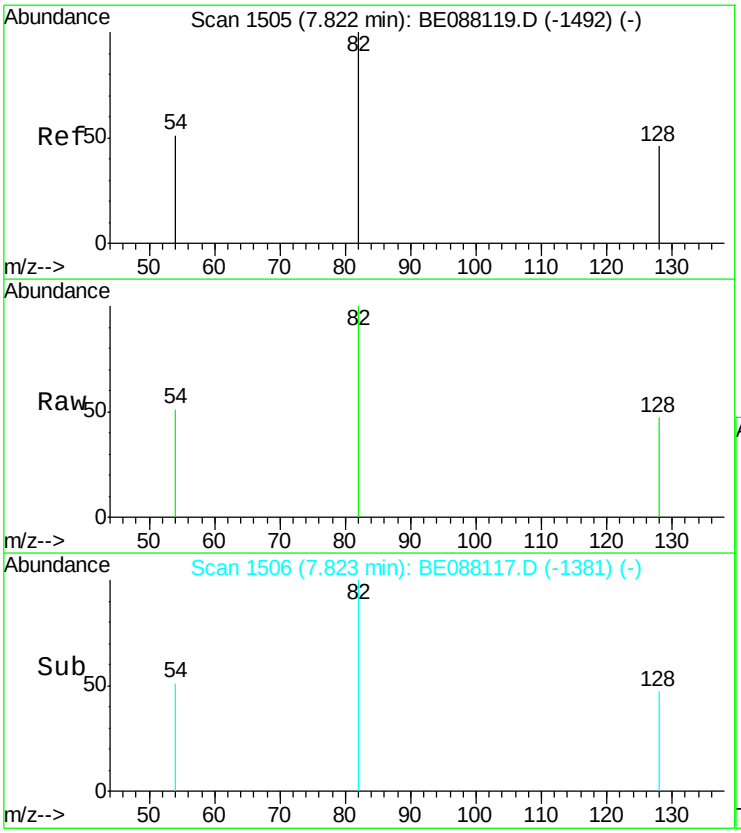
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 207410

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.7	7.7	11.5

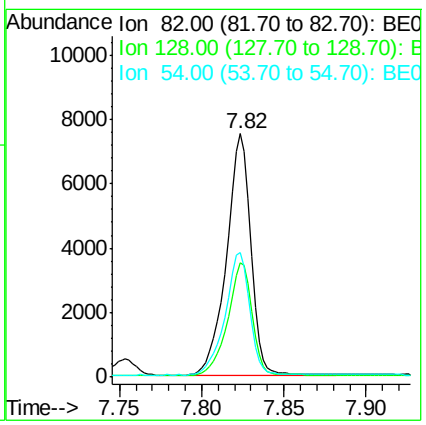


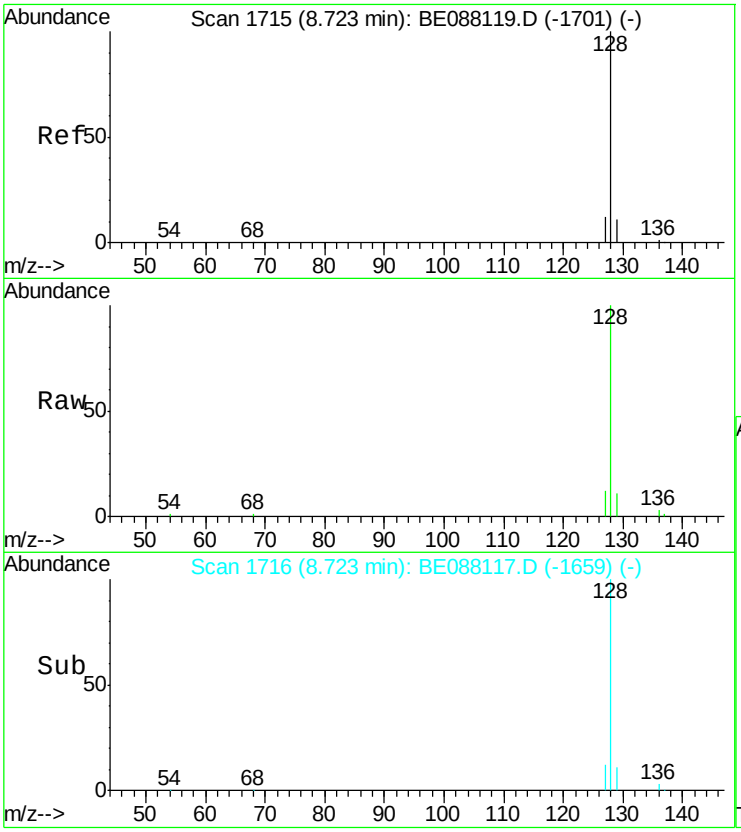


#4
Nitrobenzene-d5
Concen: 0.61 ng
RT: 7.82 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion: 82 Resp: 7614

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.1	55.7
54	51.0	41.1	61.7



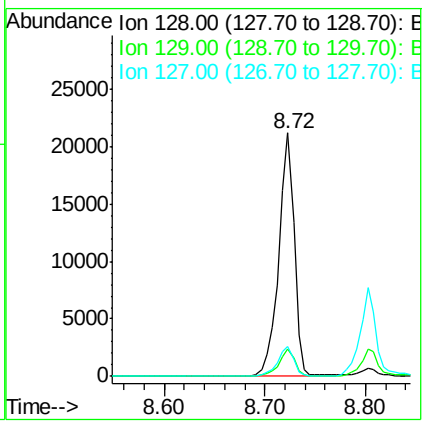


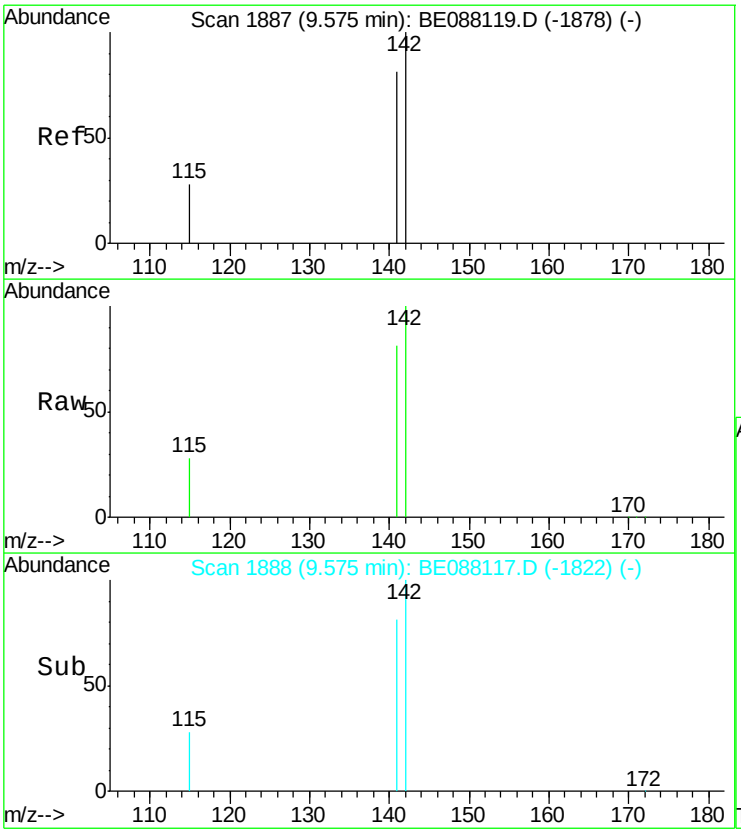
#5
Naphthalene
Concen: 0.53 ng
RT: 8.72 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:128 Resp: 22219

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.3	9.7	14.5

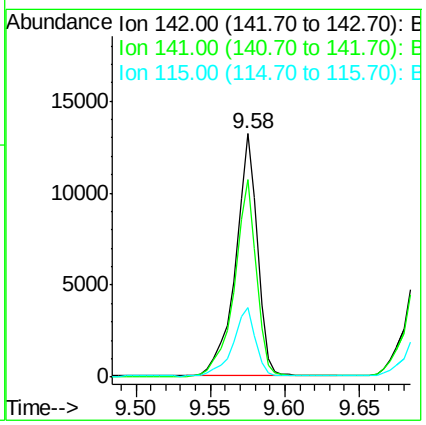


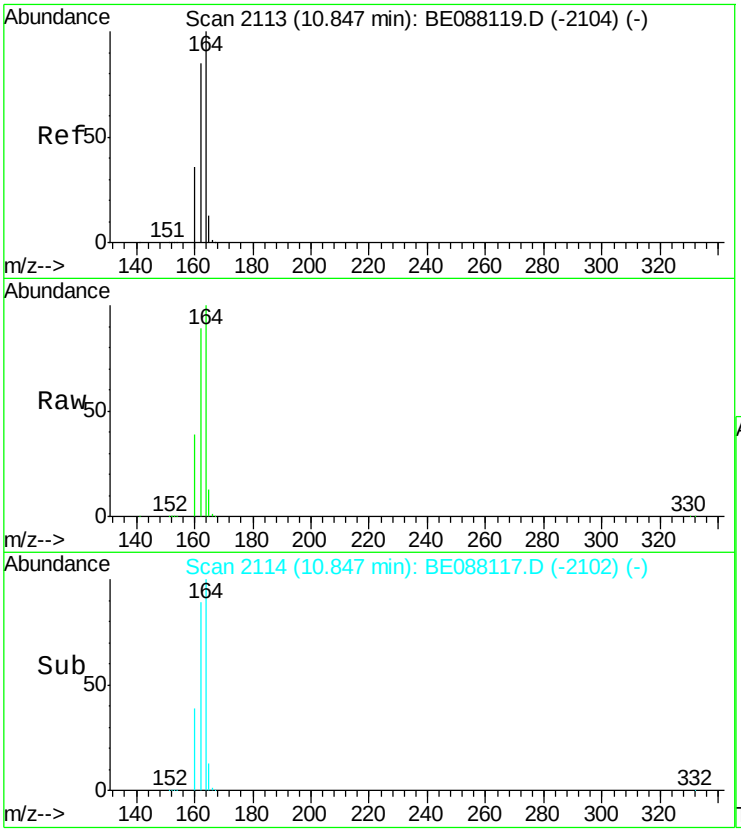


#6
2-Methylnaphthalene
Concen: 0.54 ng
RT: 9.58 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:142 Resp: 13393

Ion	Ratio	Lower	Upper
142	100		
141	81.0	64.6	97.0
115	28.3	22.6	34.0



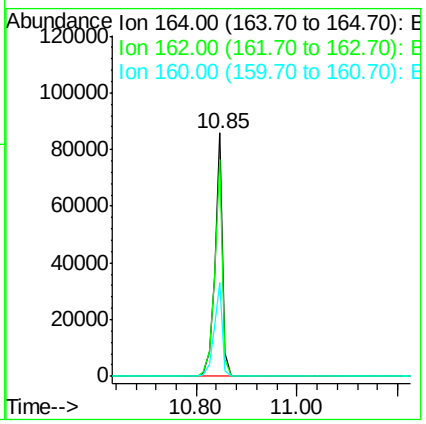


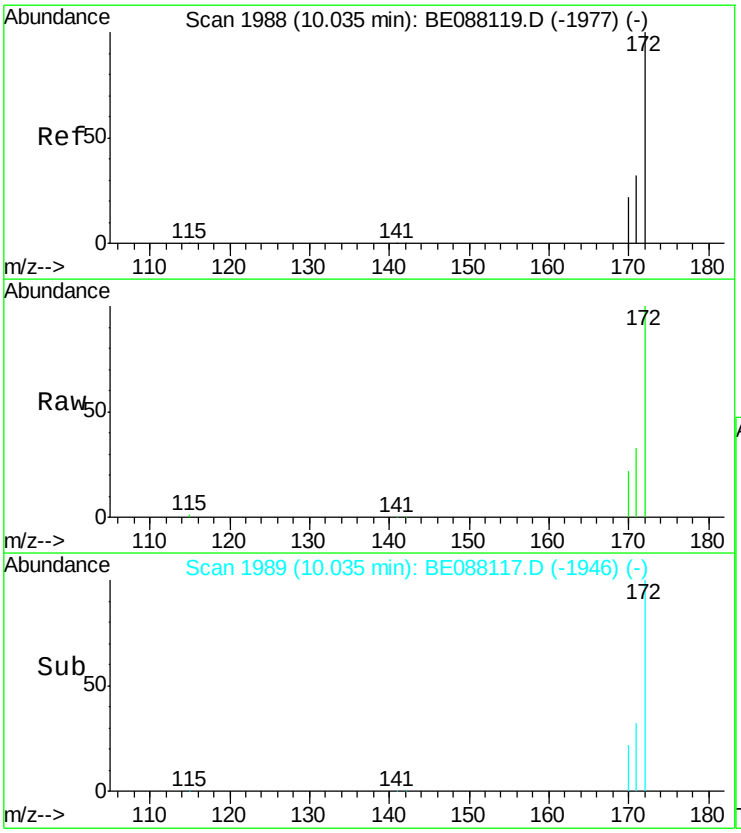
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.85 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 92812

Ion	Ratio	Lower	Upper
164	100		
162	89.2	68.3	102.5
160	38.8	28.7	43.1

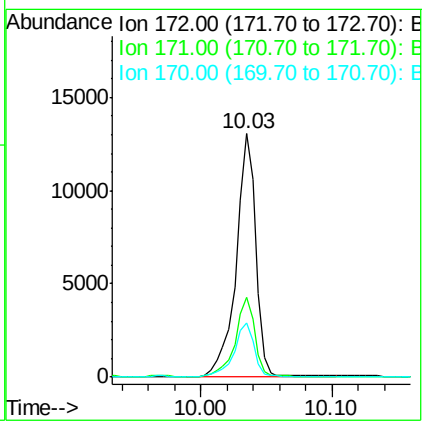


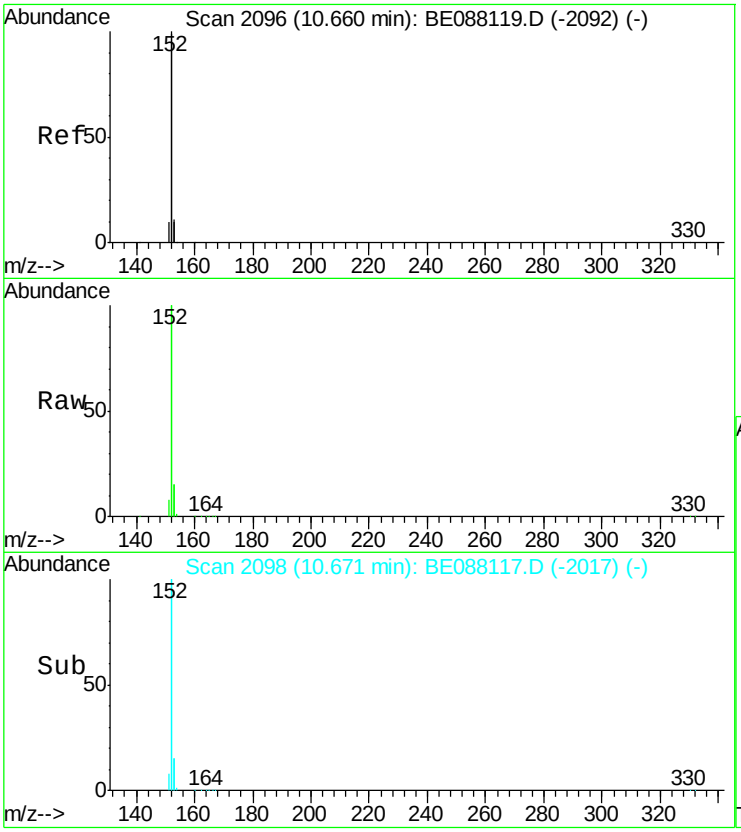


#8
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 10.03 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:172 Resp: 13420

Ion	Ratio	Lower	Upper
172	100		
171	32.7	25.4	38.2
170	22.2	17.4	26.2



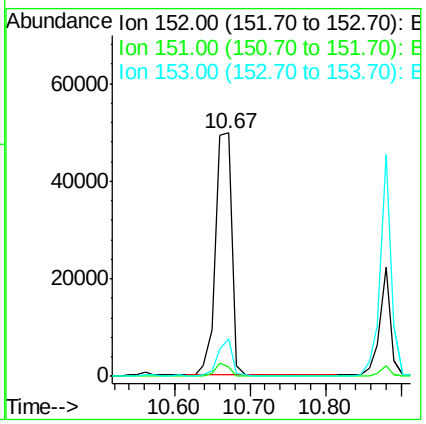


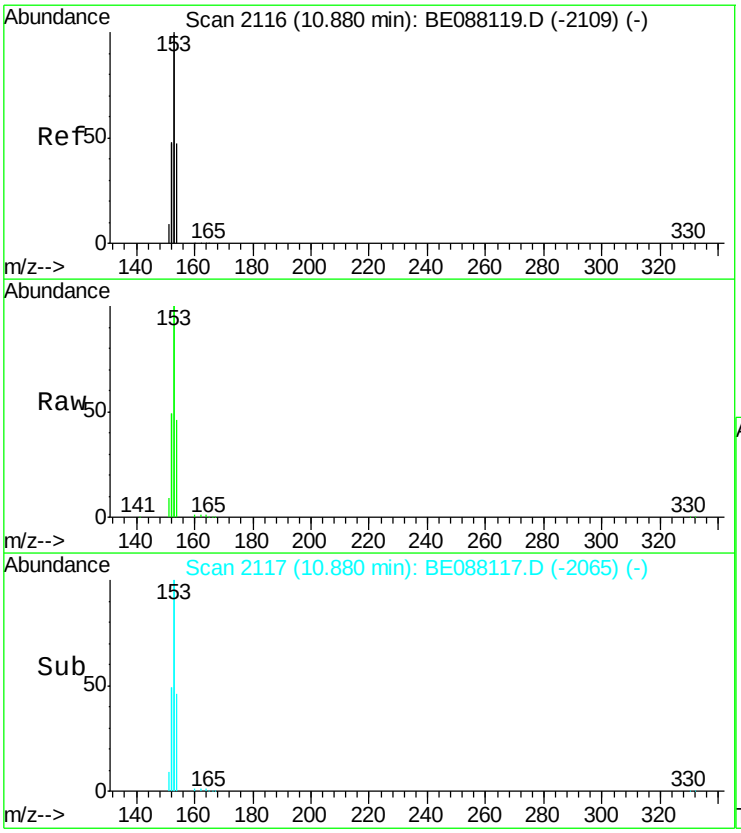
#9
Acenaphthylene
Concen: 0.56 ng
RT: 10.67 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 74013

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.7	5.5
153	13.0	10.4	15.6

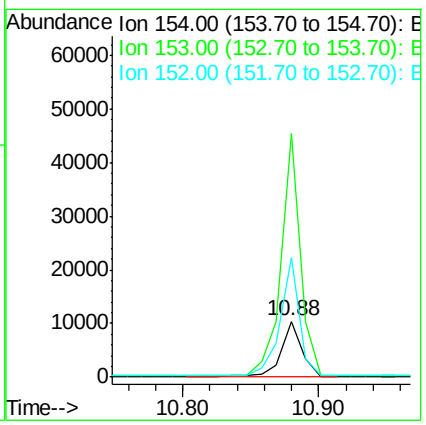


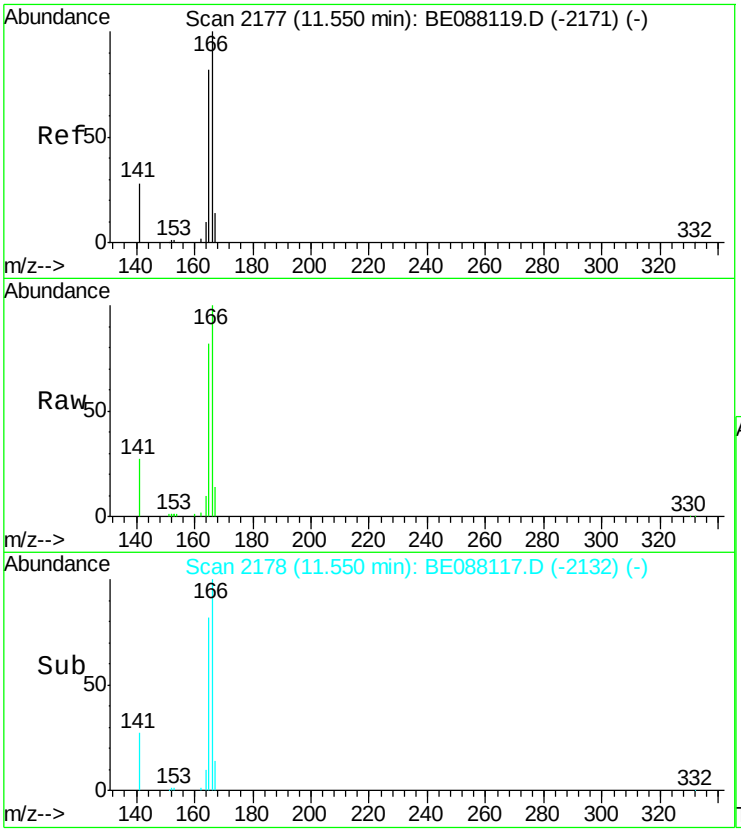


#10
Acenaphthene
Concen: 0.52 ng
RT: 10.88 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:154 Resp: 11173

Ion	Ratio	Lower	Upper
154	100		
153	407.7	327.8	491.6
152	196.9	157.6	236.4



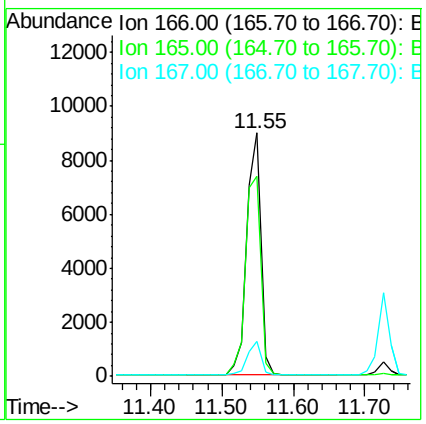


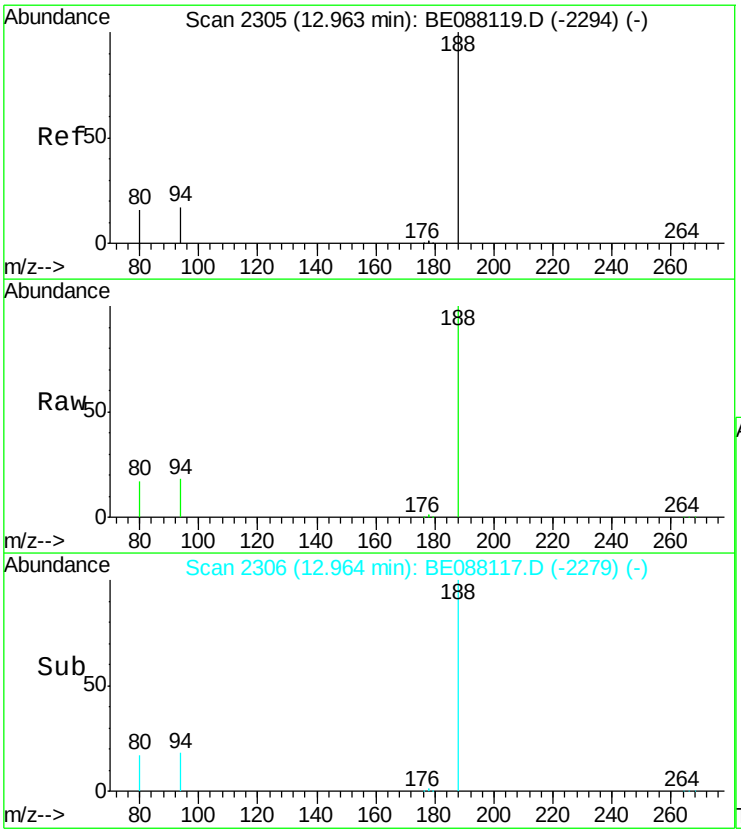
#11
Fluorene
Concen: 0.55 ng
RT: 11.55 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:166 Resp: 12106

Ion	Ratio	Lower	Upper
166	100		
165	89.9	71.4	107.2
167	13.4	10.6	16.0

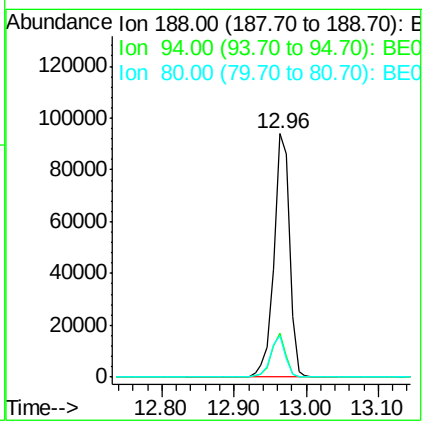


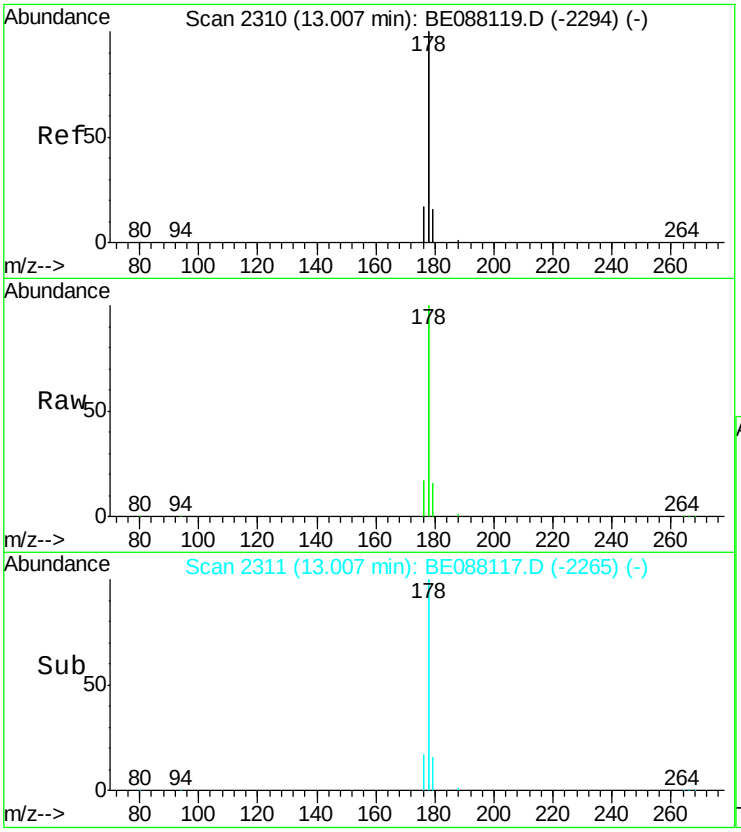


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.96 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:188 Resp: 165479

Ion	Ratio	Lower	Upper
188	100		
94	18.0	13.9	20.9
80	17.0	12.9	19.3



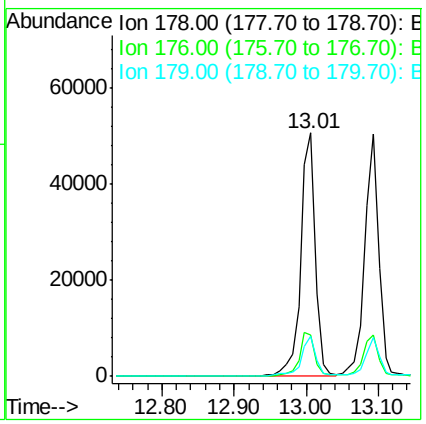


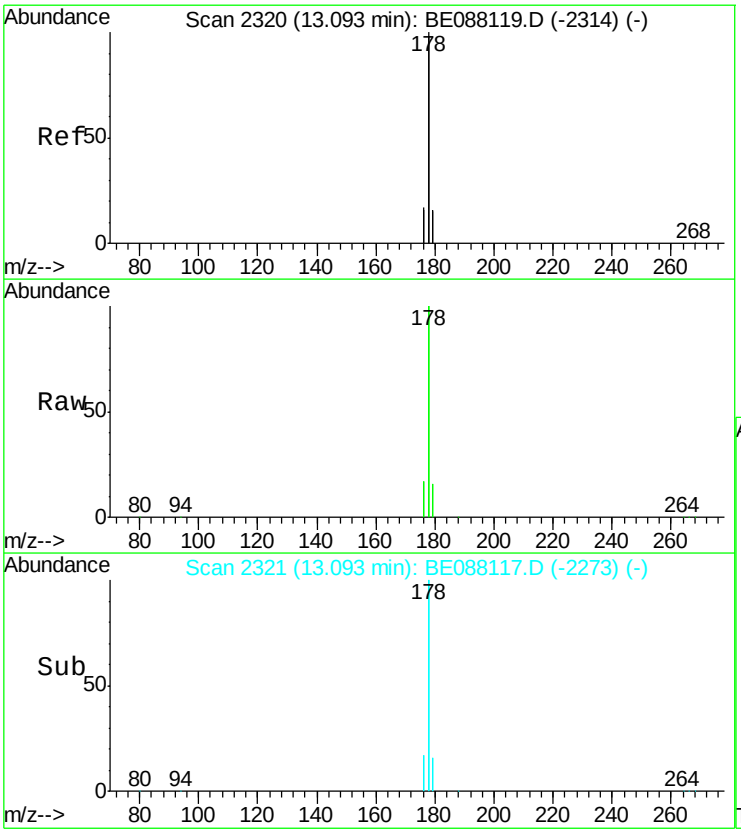
#13
Phenanthrene
Concen: 0.56 ng
RT: 13.01 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 86593

Ion	Ratio	Lower	Upper
178	100		
176	15.7	12.5	18.7
179	13.6	13.5	20.3

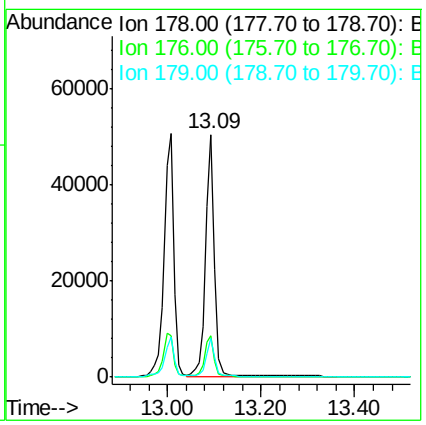


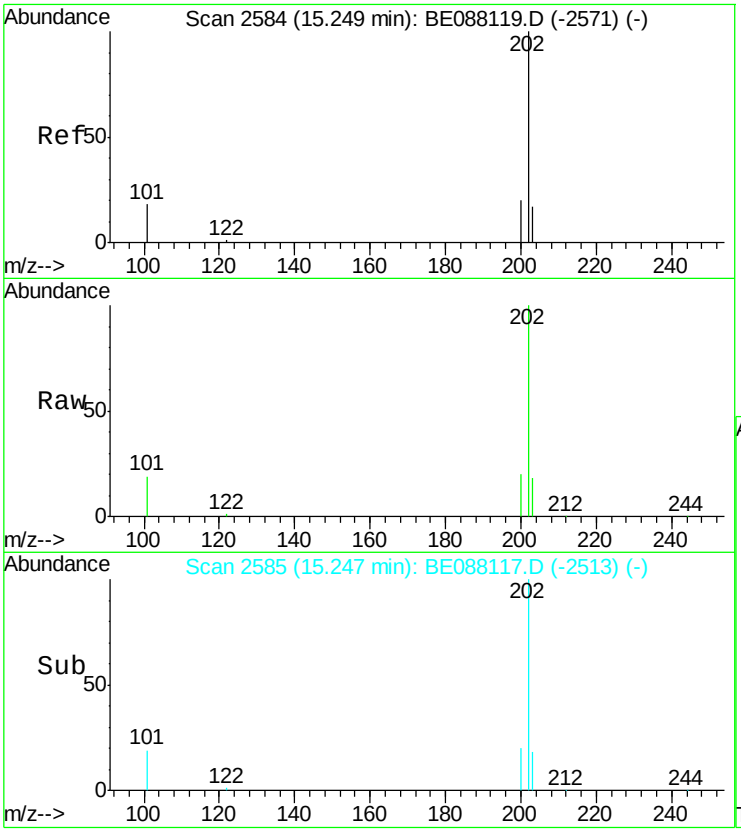


#14
Anthracene
Concen: 0.50 ng
RT: 13.09 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:178 Resp: 67969

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.7	12.5	18.7



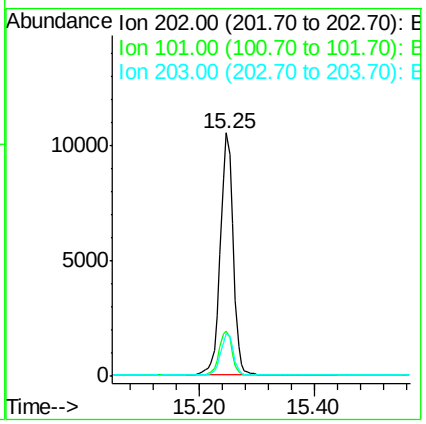


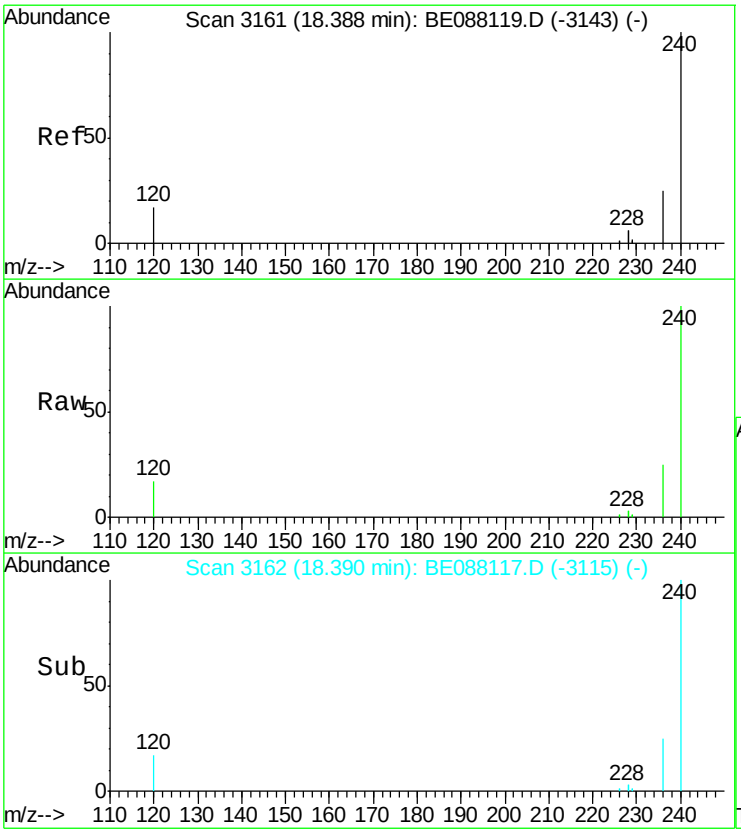
#15
Fluoranthene
Concen: 0.50 ng
RT: 15.25 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 16274

Ion	Ratio	Lower	Upper
202	100		
101	18.5	14.8	22.2
203	17.2	13.5	20.3

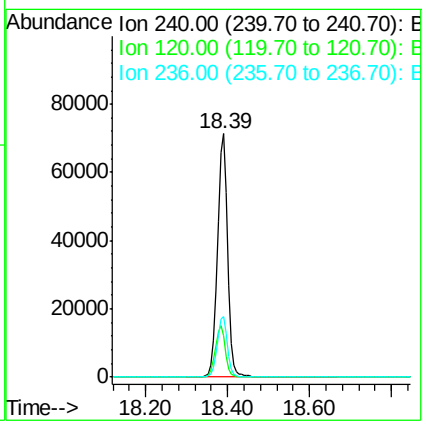


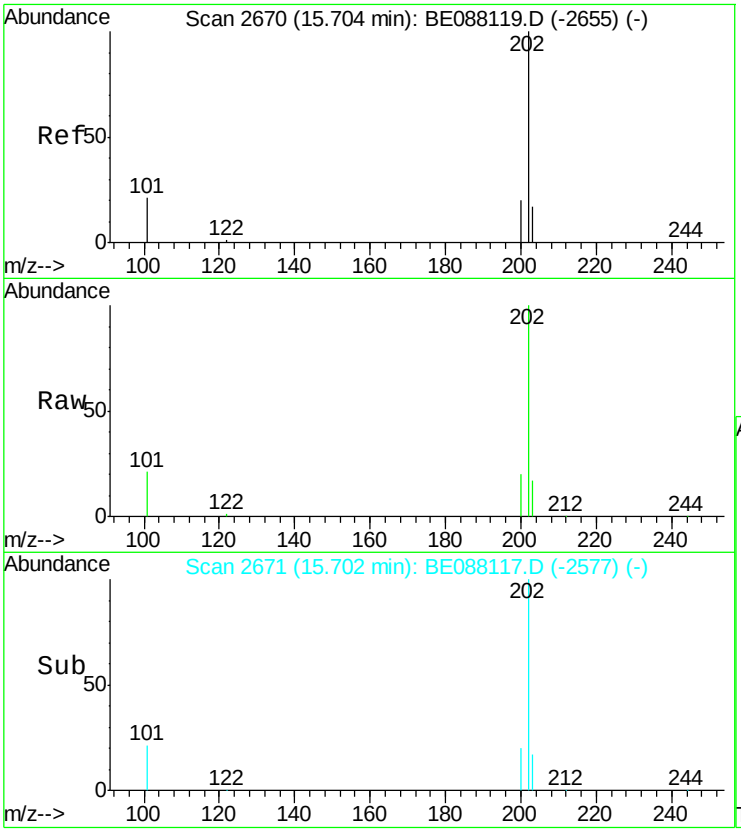


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.39 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:240 Resp: 124071

Ion	Ratio	Lower	Upper
240	100		
120	17.0	13.9	20.9
236	25.0	19.9	29.9



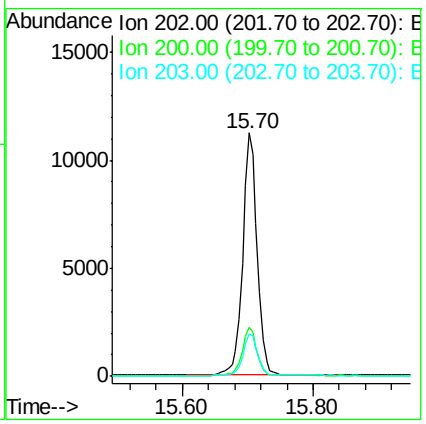


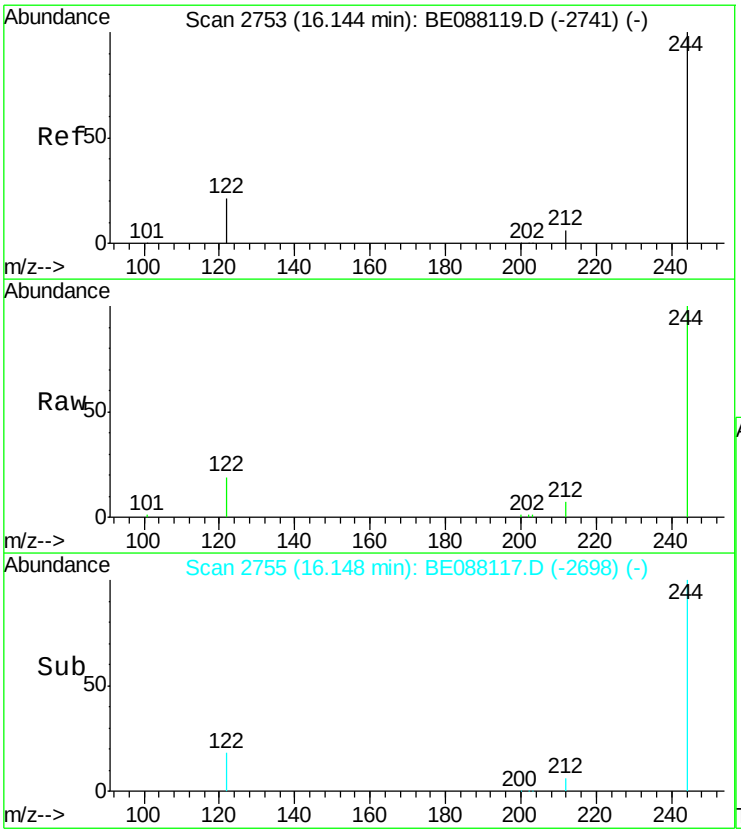
#17
Pyrene
Concen: 0.54 ng
RT: 15.70 min Scan# 2671
Delta R.T. -0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 17285

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.3	13.9	20.9

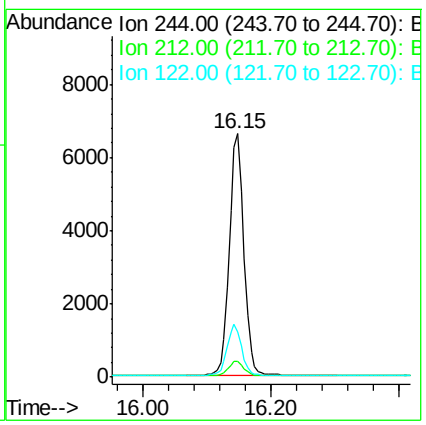


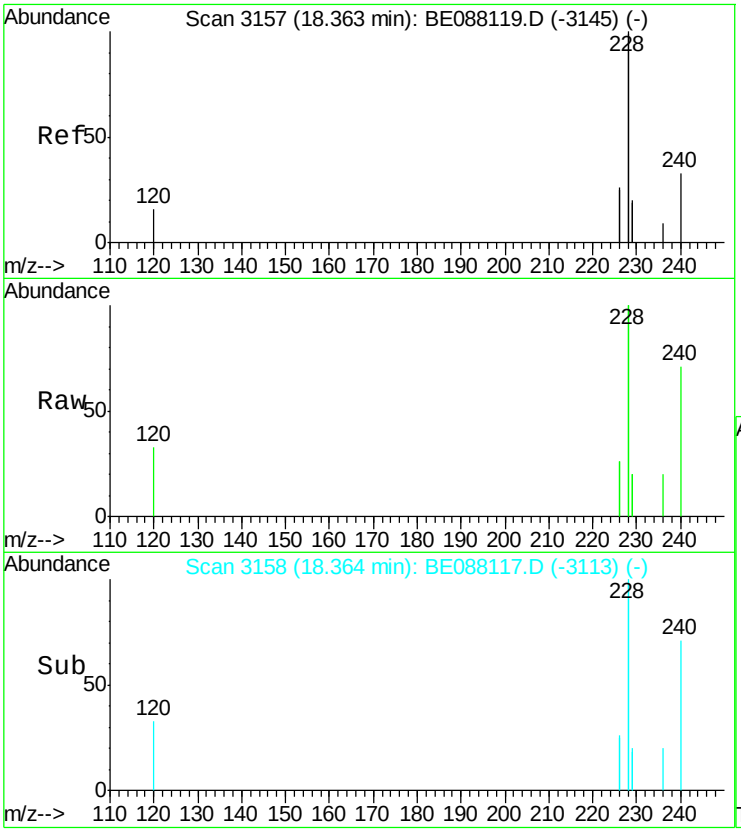


#18
Terphenyl-d14
Concen: 0.54 ng
RT: 16.15 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:244 Resp: 10356

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	18.7	17.5	26.3



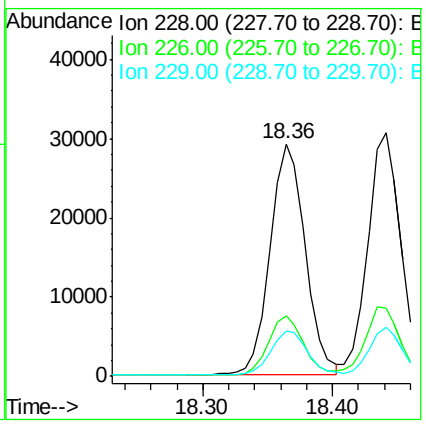


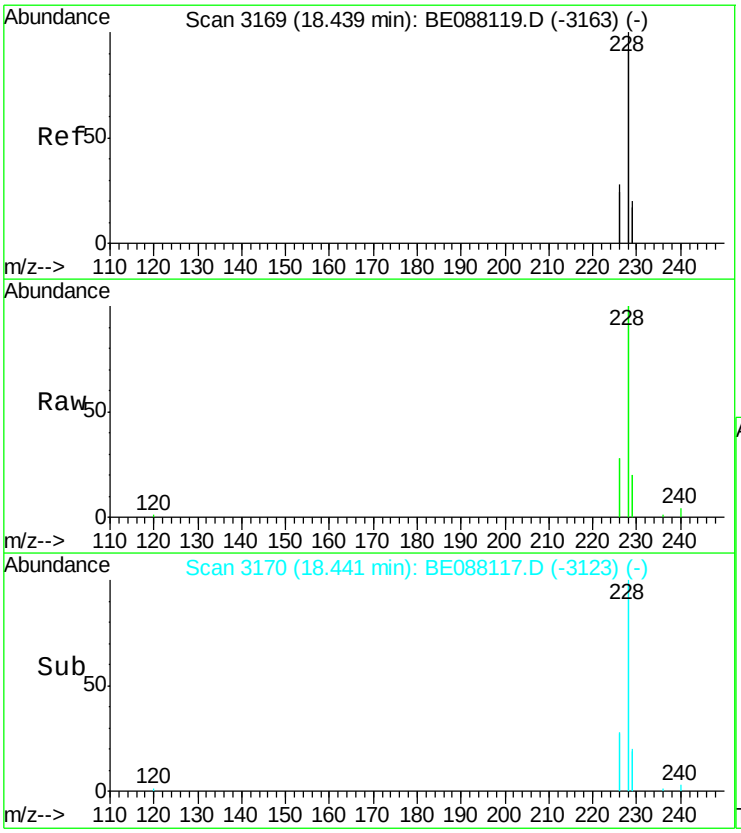
#19
Benzo(a)anthracene
Concen: 0.58 ng
RT: 18.36 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 54971

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.8	31.2
229	19.6	15.6	23.4

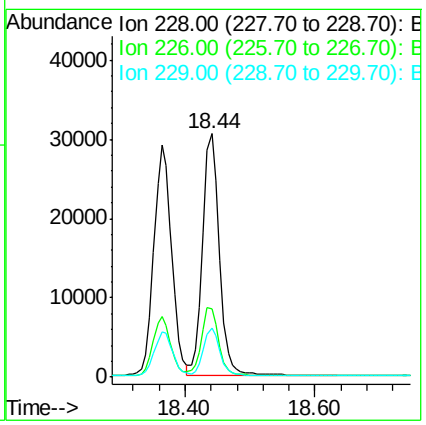


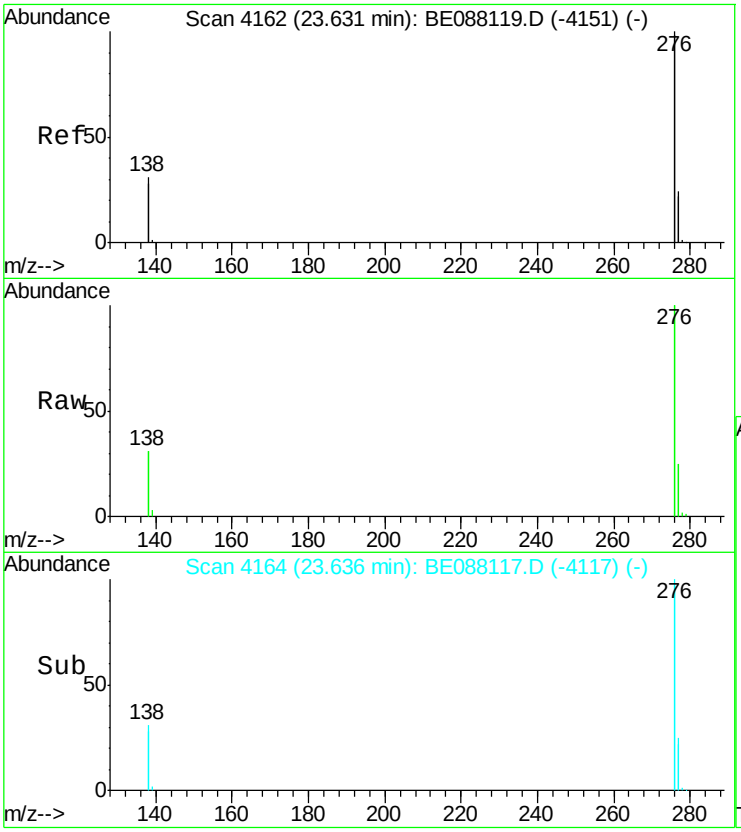


#20
Chrysene
Concen: 0.48 ng
RT: 18.44 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:228 Resp: 55042

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	19.9	15.8	23.6



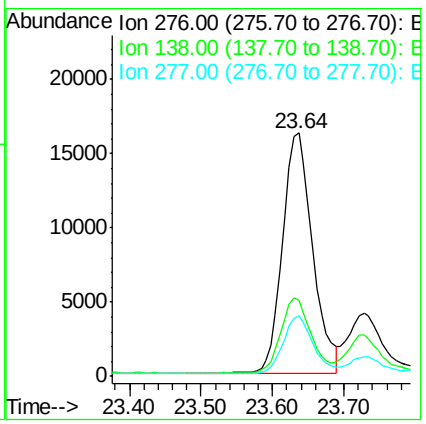


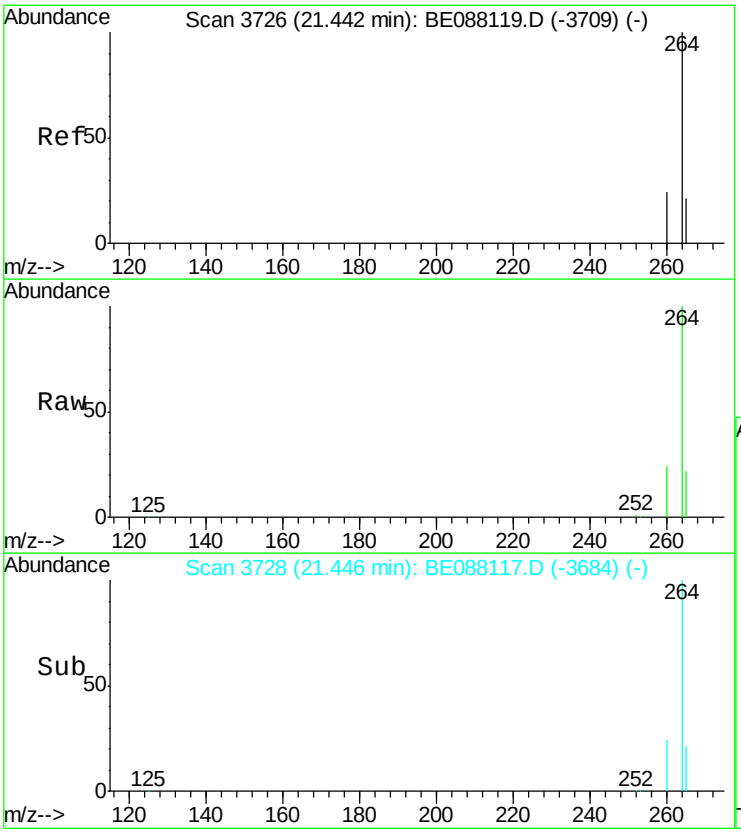
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.50 ng
RT: 23.64 min Scan# 4164
Delta R.T. 0.01 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 47365

Ion	Ratio	Lower	Upper
276	100		
138	31.1	18.5	27.7#
277	24.0	14.6	21.8#

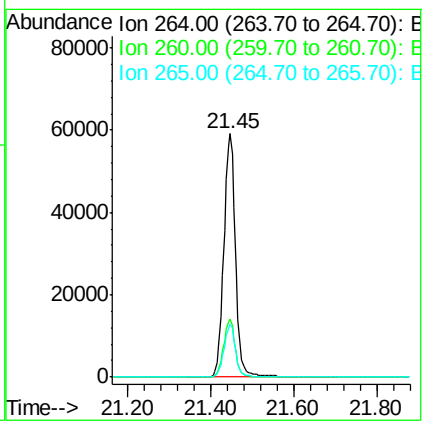


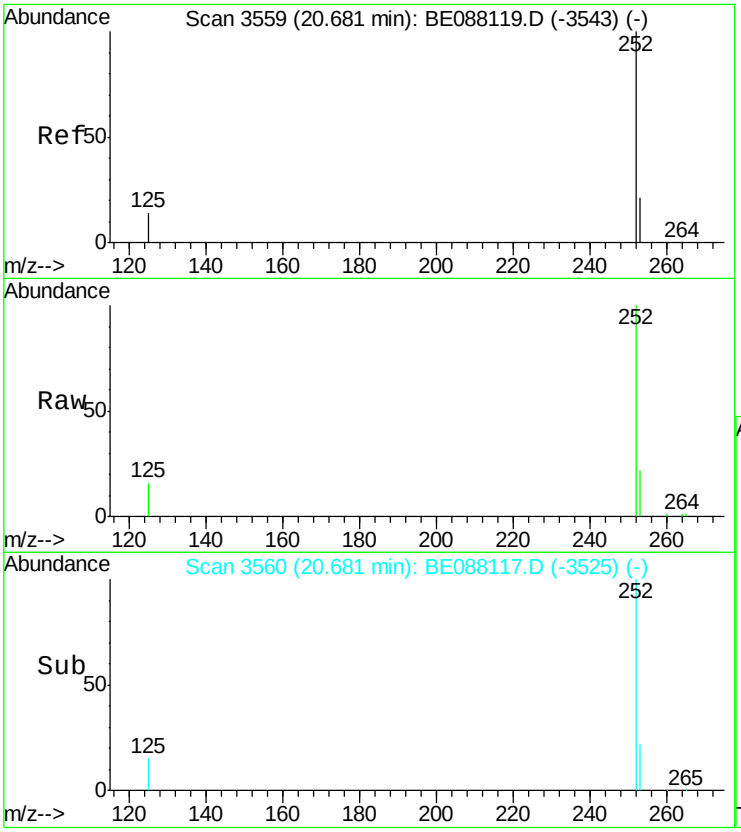


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.45 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:264 Resp: 113013

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.5	17.2	25.8



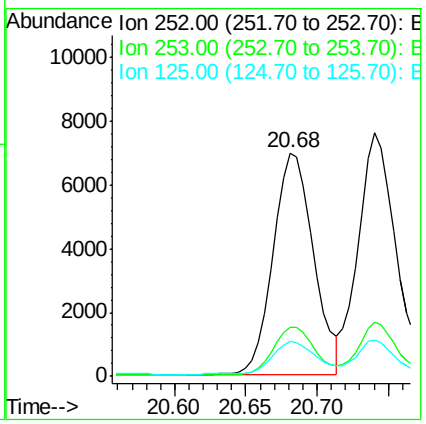


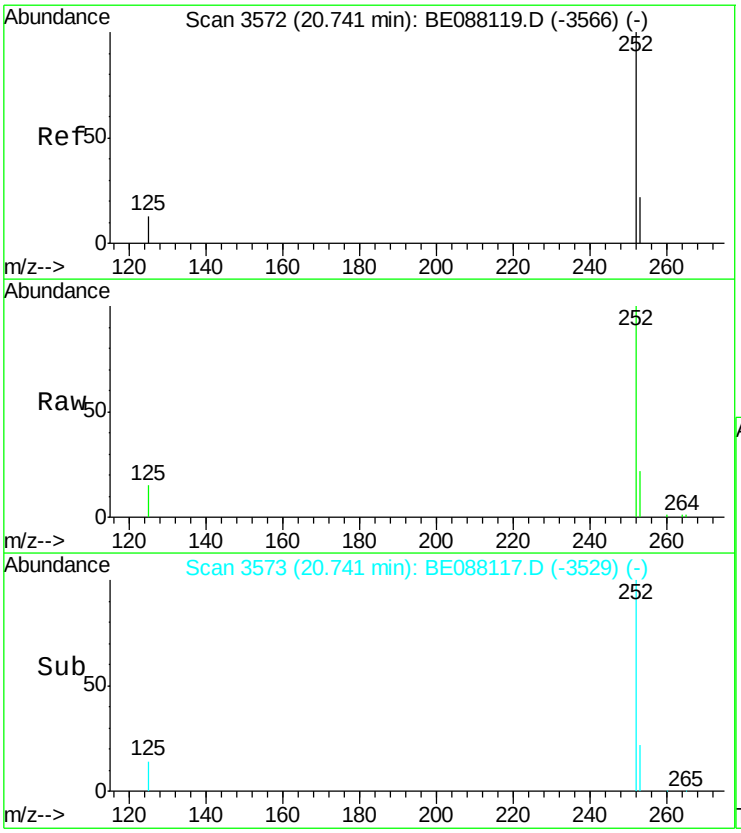
#23
Benzo(b)fluoranthene
Concen: 0.64 ng
RT: 20.68 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 13616

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	15.6	11.8	17.8

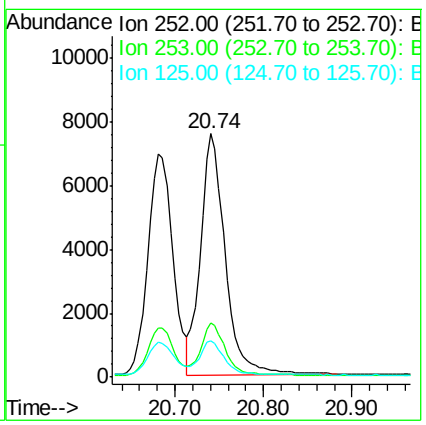


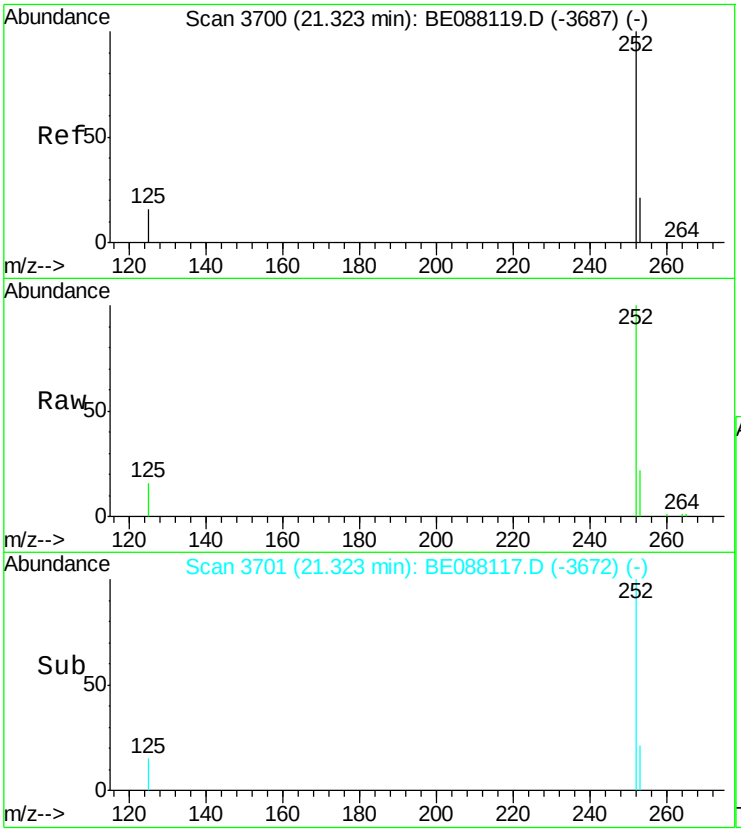


#24
Benzo(k)fluoranthene
Concen: 0.50 ng
RT: 20.74 min Scan# 3573
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:252 Resp: 14612

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	14.9	11.5	17.3



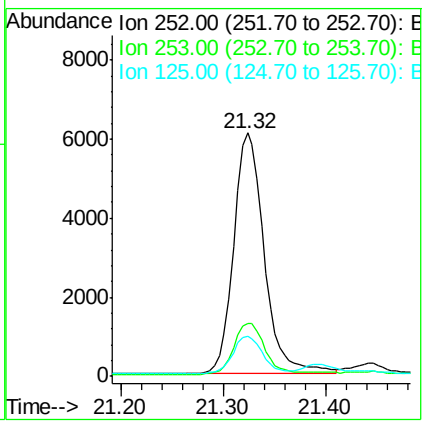


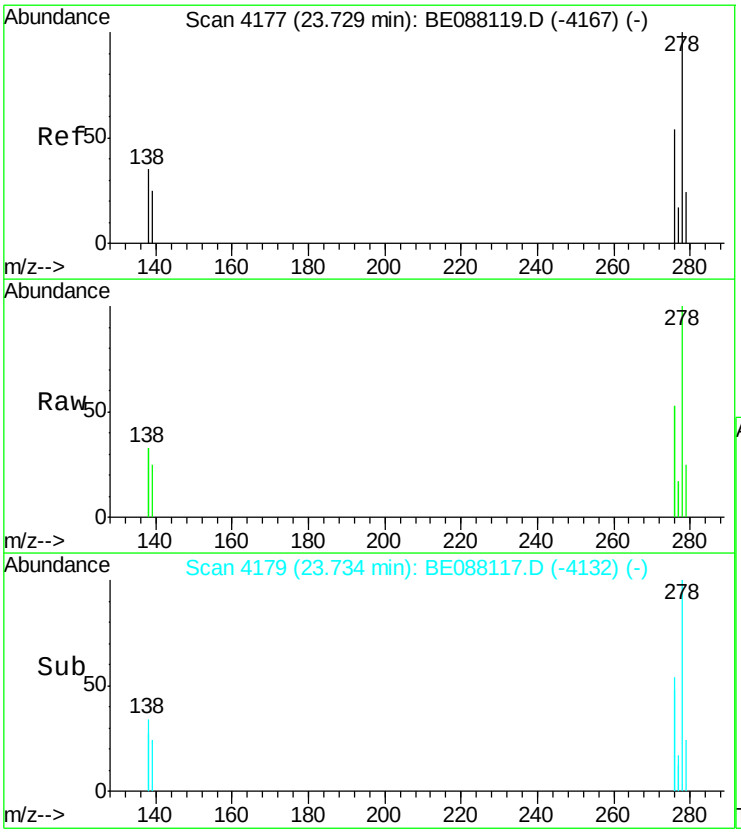
#25
Benzo(a)pyrene
Concen: 0.69 ng
RT: 21.32 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 12565

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	16.4	13.0	19.6

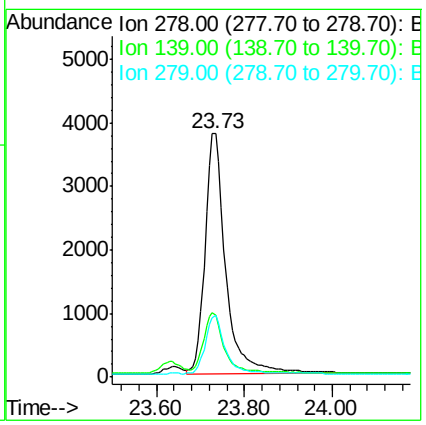


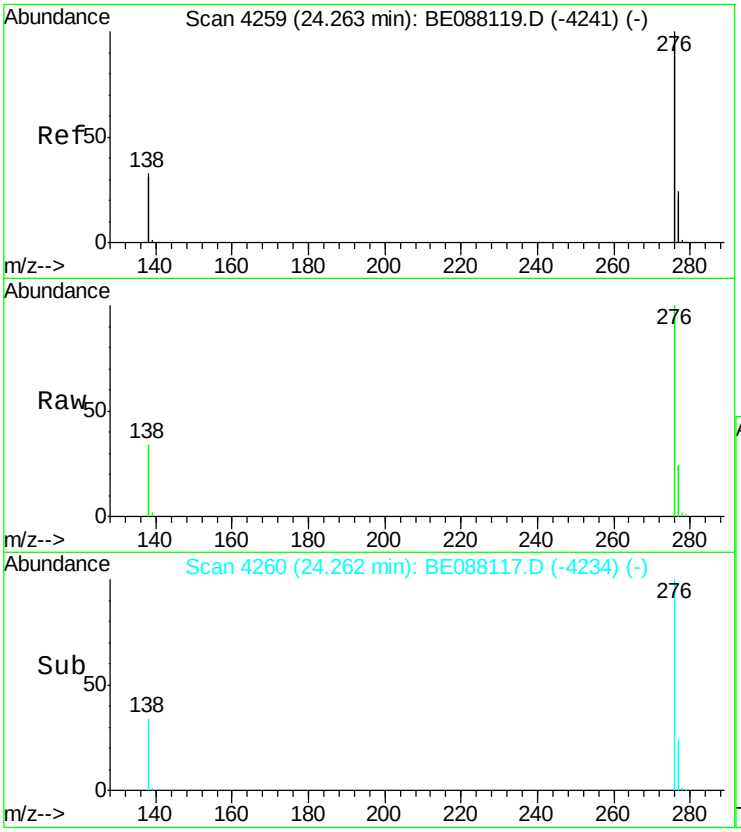


#26
Dibenzo(a,h)anthracene
Concen: 0.63 ng
RT: 23.73 min Scan# 4179
Delta R.T. 0.01 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Tgt Ion:278 Resp: 12192

Ion	Ratio	Lower	Upper
278	100		
139	25.4	20.9	31.3
279	25.2	19.8	29.8





#27
Benzo(g,h,i)perylene
Concen: 0.58 ng
RT: 24.26 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BE088117.D
Acq: 20 Oct 2014 20:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 53734

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	33.5	26.6	40.0