Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088241.D
Acq On : 25 Oct 2014 10:04
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Oct 27 13:49:07 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 27 13:04:40 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	35963	5.00	ng		0.00
3) Naphthalene-d8	8.67	136	151363	5.00	ng		0.00
7) Acenaphthene-d10	10.83	164	76453	5.00	ng		0.00
12) Phenanthrene-d10	12.94	188	143399	5.00	ng		0.00
16) Chrysene-d12	18.34	240	70043	5.00	ng		0.00
22) Perylene-d12	21.40	264	60832	5.00	ng		0.00
System Monitoring Compounds							
4) Nitrobenzene-d5	7.80	82	70517	6.27	ng		0.00
8) 2-Fluorobiphenyl	10.02	172	155751	7.31	ng		0.00
18) Terphenyl-d14	16.12	244	117387	10.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	5131	1.02	ng		98
5) Naphthalene	8.70	128	31512	1.02	ng		98
6) 2-Methylnaphthalene	9.55	142	19839	1.07	ng		97
9) Acenaphthylene	10.64	152	117193	1.03	ng		100
10) Acenaphthene	10.86	154	17435	0.96	ng		99
11) Fluorene	11.52	166	19178	1.04	ng		100
13) Phenanthrene	12.97	178	162566	1.18	ng		95
14) Anthracene	13.06	178	109449	1.07	ng		99
15) Fluoranthene	15.21	202	32161	1.53	ng		99
17) Pyrene	15.67	202	30562	1.59	ng		99
19) Benzo(a)anthracene	18.33	228	72432	1.31	ng		100
20) Chrysene	18.40	228	72443	1.16	ng		98
21) Indeno(1,2,3-cd)pyrene	23.58	276	54283	1.04	ng	#	72
23) Benzo(b)fluoranthene	20.64	252	16580	1.41	ng		99
24) Benzo(k)fluoranthene	20.70	252	16009	1.02	ng		100
25) Benzo(a)pyrene	21.28	252	14861	1.30	ng		99
26) Dibenzo(a,h)anthracene	23.67	278	12301	1.18	ng		100
27) Benzo(g,h,i)perylene	24.20	276	63288	1.30	ng		100

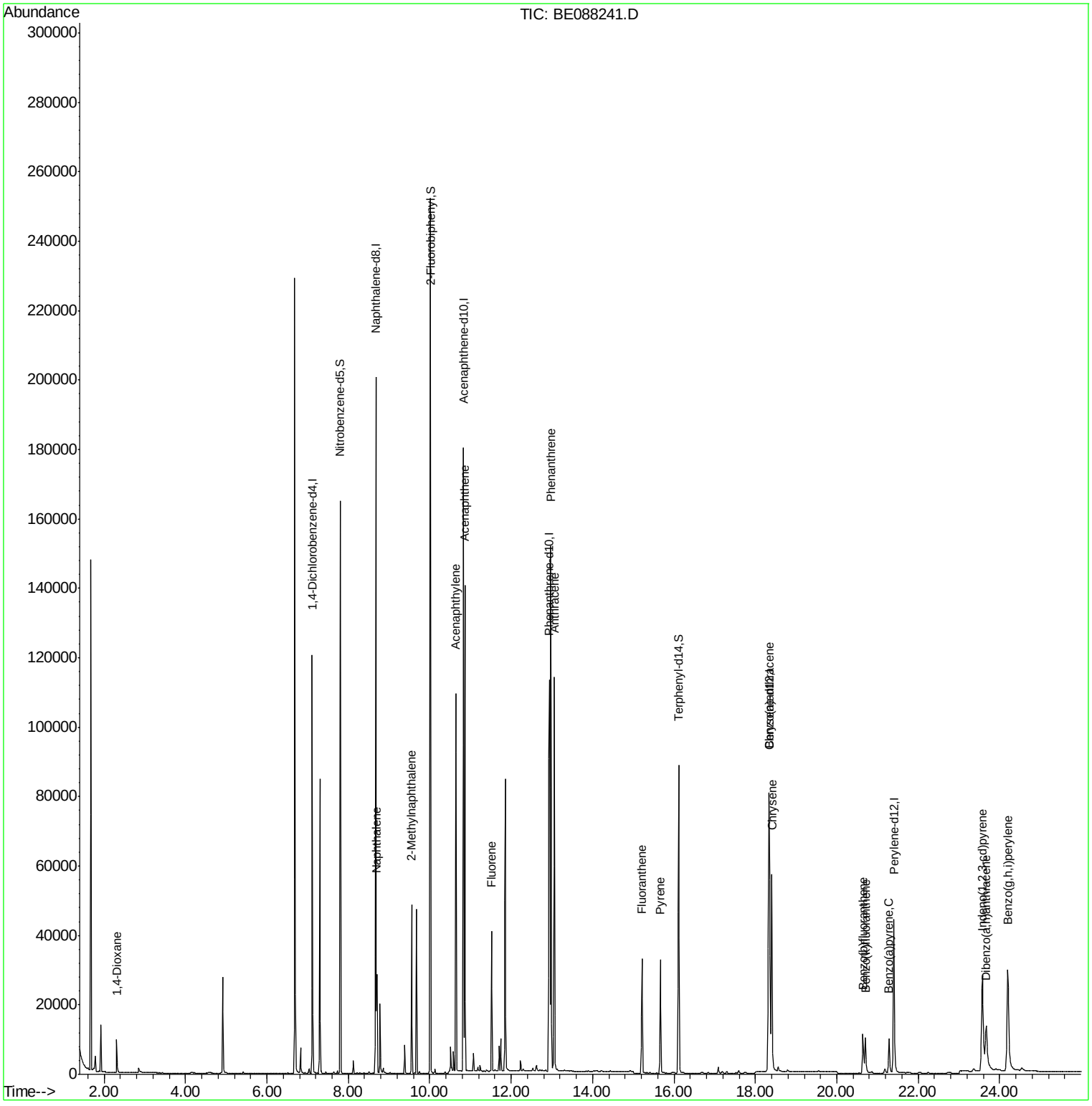
(#) = qualifier out of range (m) = manual integration (+) = signals summed

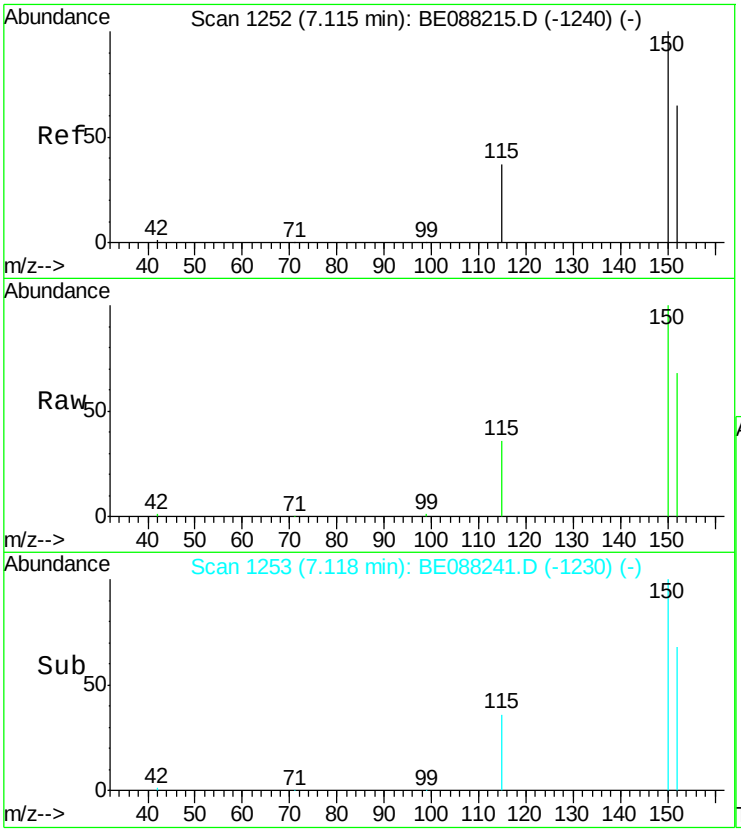
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102414\
Data File : BE088241.D
Acq On : 25 Oct 2014 10:04
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Oct 27 13:49:07 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102414.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 27 13:04:40 2014
Response via : Initial Calibration



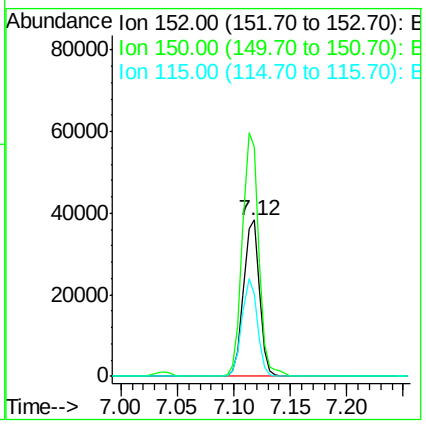


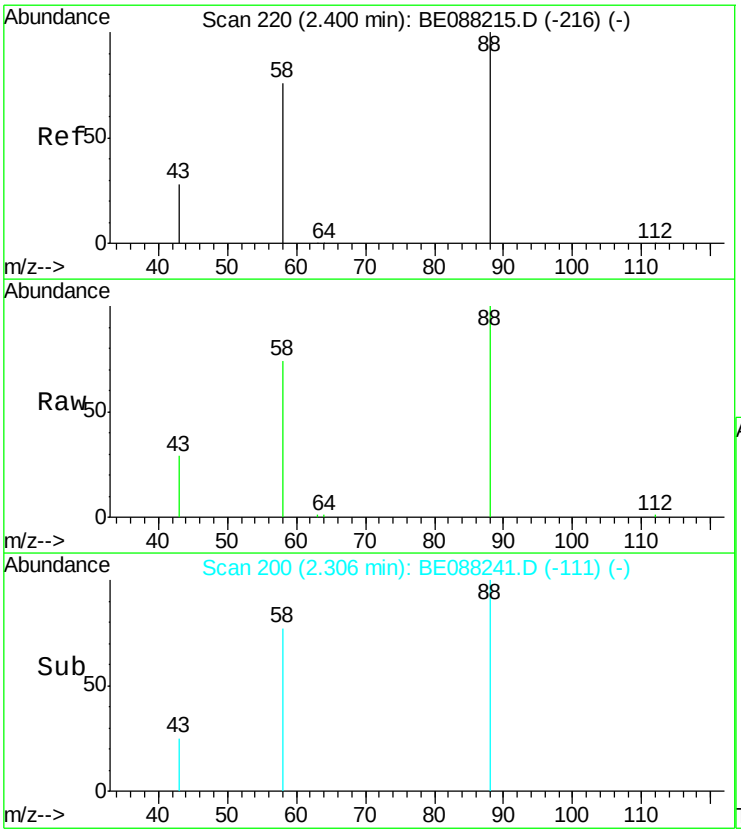
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.12 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 35963

Ion	Ratio	Lower	Upper
152	100		
150	147.1	123.2	184.8
115	52.5	45.3	67.9

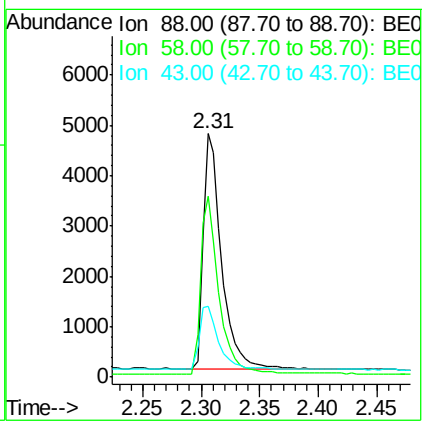


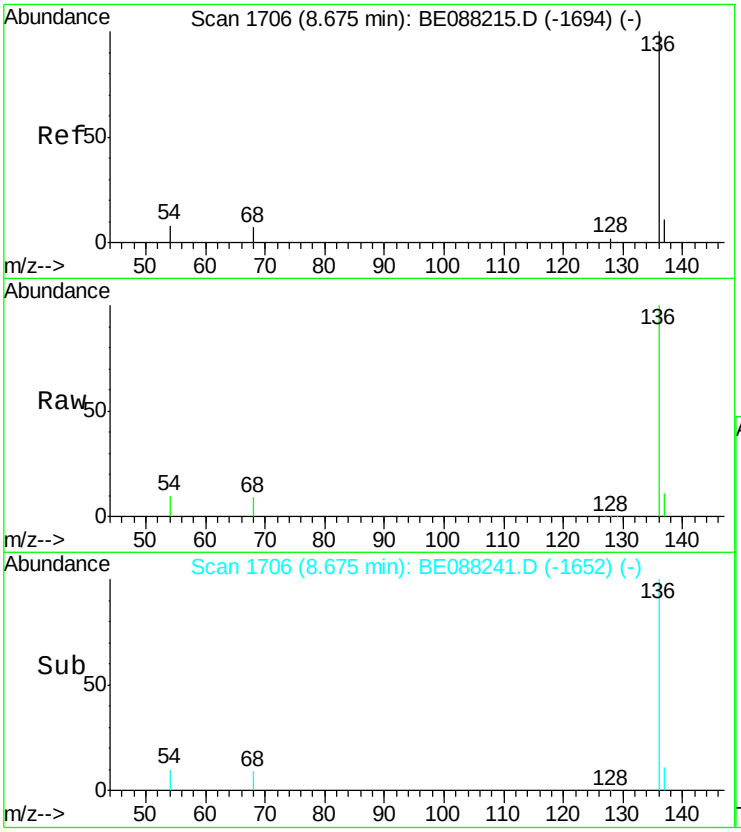


#2
1,4-Dioxane
Concen: 1.02 ng
RT: 2.31 min Scan# 200
Delta R.T. -0.09 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion: 88 Resp: 5131

Ion	Ratio	Lower	Upper
88	100		
58	75.5	59.0	88.4
43	28.4	21.9	32.9



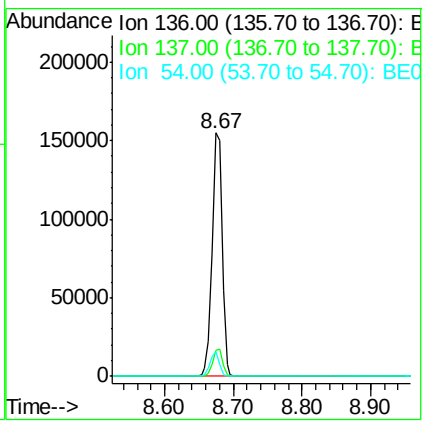


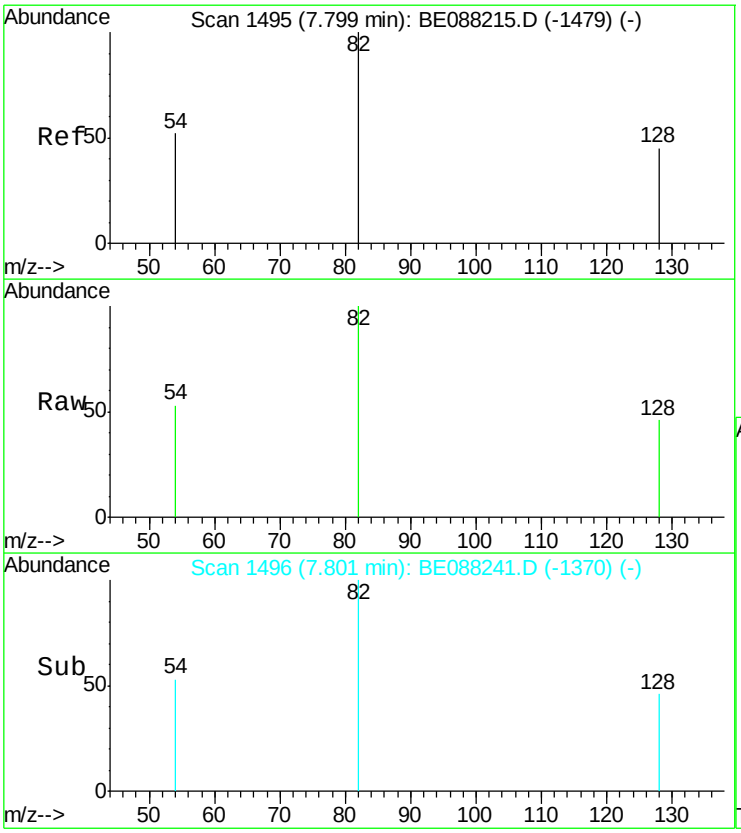
#3
Naphthalene-d8
Concen: 5.00 ng
RT: 8.67 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 151363

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.0	6.1	9.1#

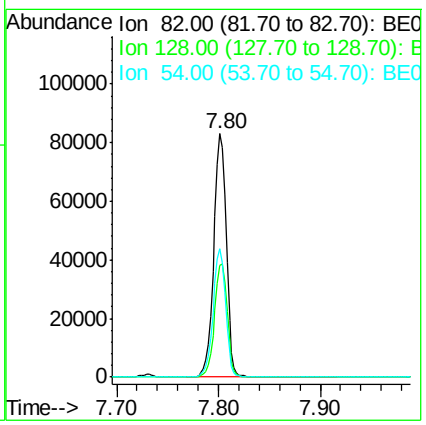


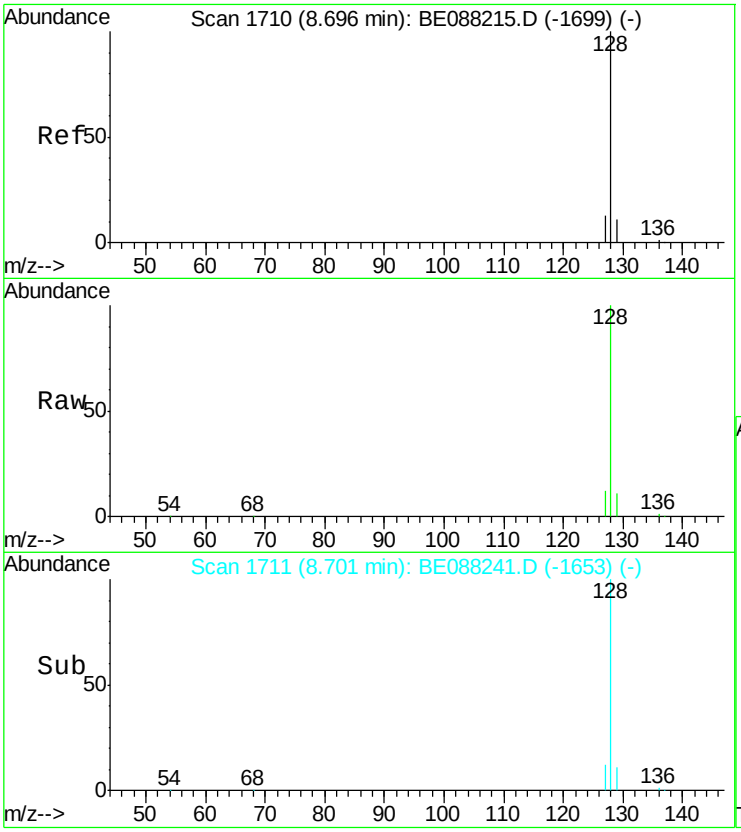


#4
Nitrobenzene-d5
Concen: 6.27 ng
RT: 7.80 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion: 82 Resp: 70517

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.2	54.2
54	52.6	41.8	62.8



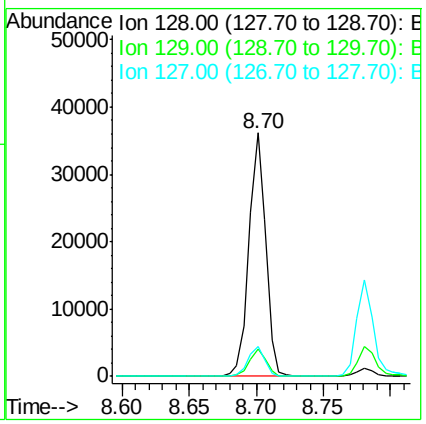


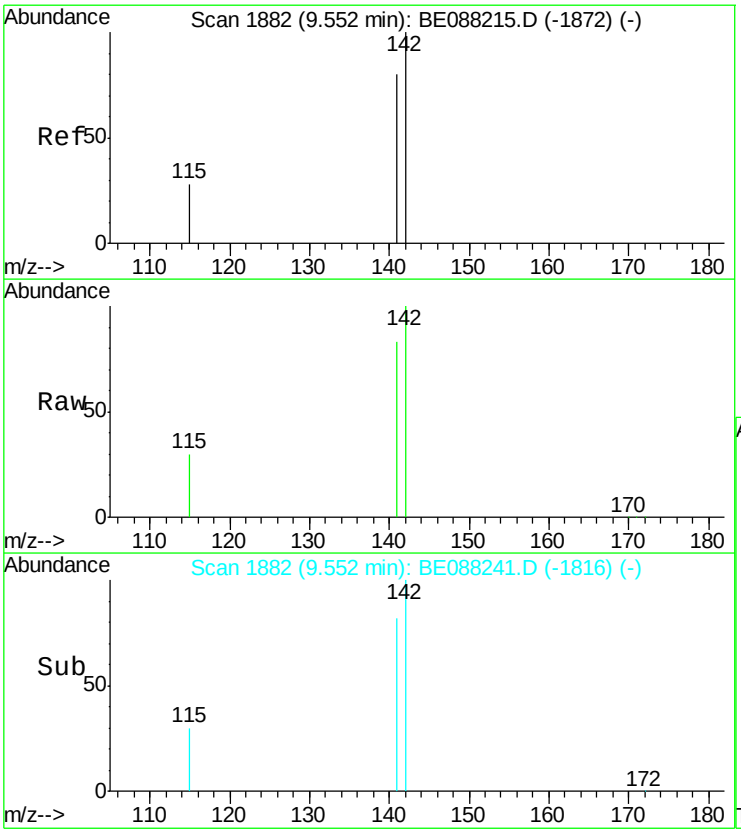
#5
Naphthalene
Concen: 1.02 ng
RT: 8.70 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 31512

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.1	10.4	15.6

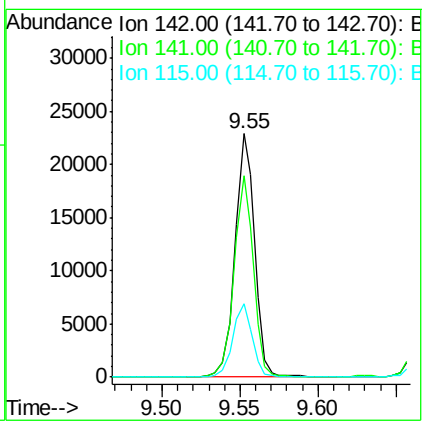


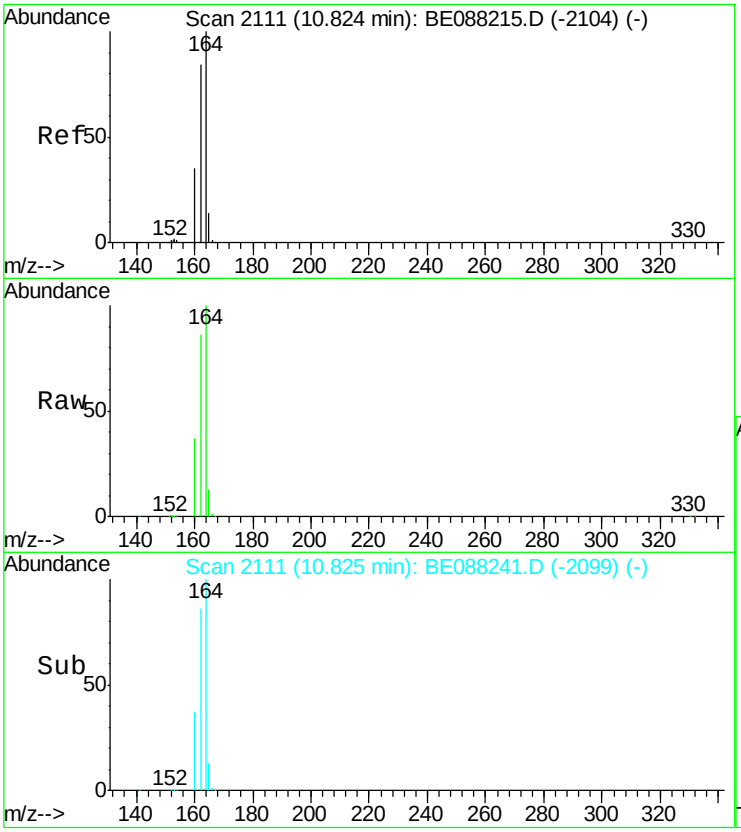


#6
2-Methylnaphthalene
Concen: 1.07 ng
RT: 9.55 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:142 Resp: 19839

Ion	Ratio	Lower	Upper
142	100		
141	82.5	63.7	95.5
115	30.4	22.6	34.0



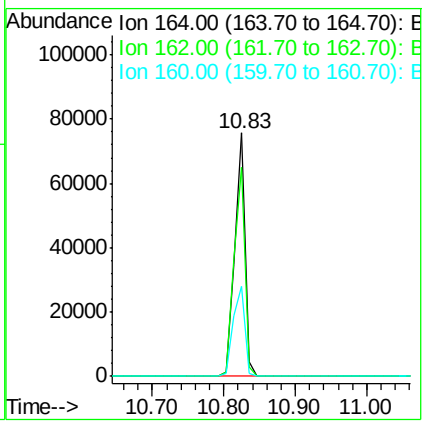


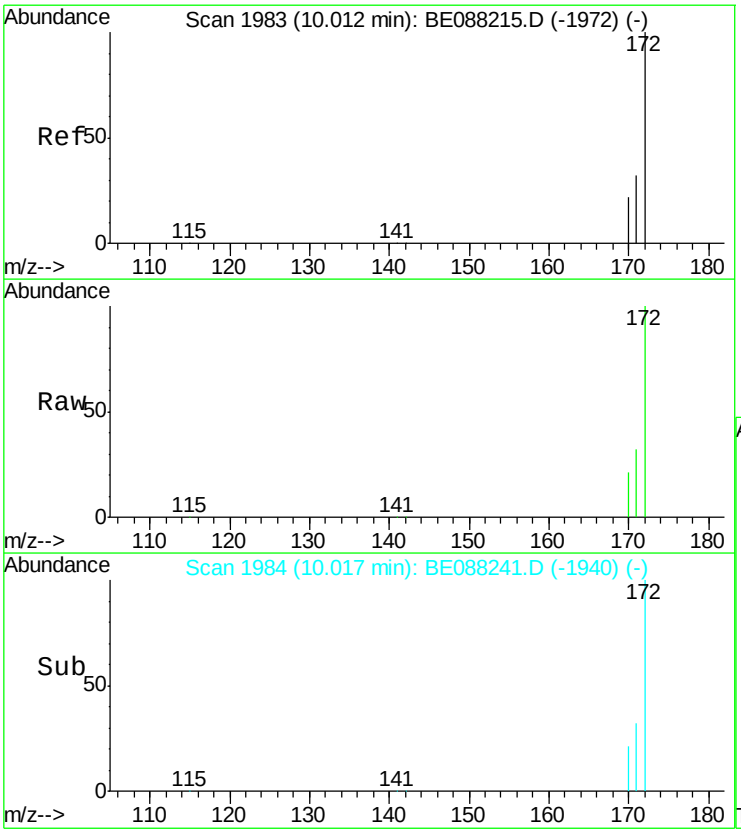
#7
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.83 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:164 Resp: 76453

Ion	Ratio	Lower	Upper
164	100		
162	85.9	67.4	101.0
160	36.8	27.7	41.5

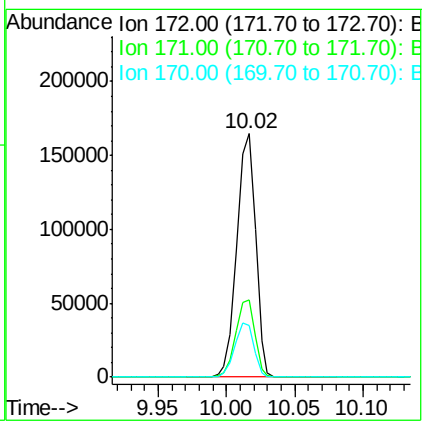


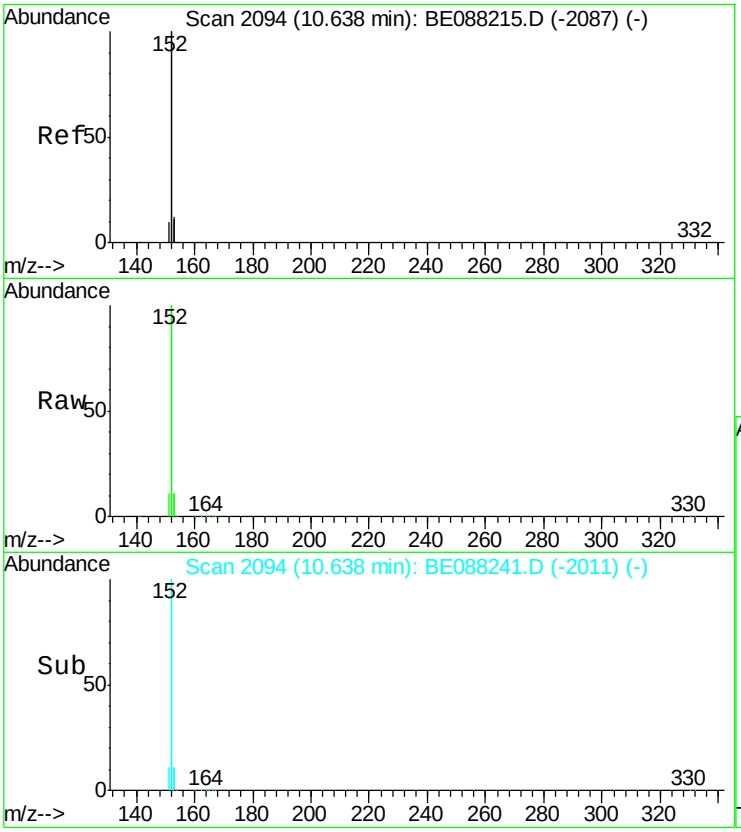


#8
2-Fluorobiphenyl
Concen: 7.31 ng
RT: 10.02 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:172 Resp: 155751

Ion	Ratio	Lower	Upper
172	100		
171	31.7	25.8	38.6
170	21.0	17.4	26.0



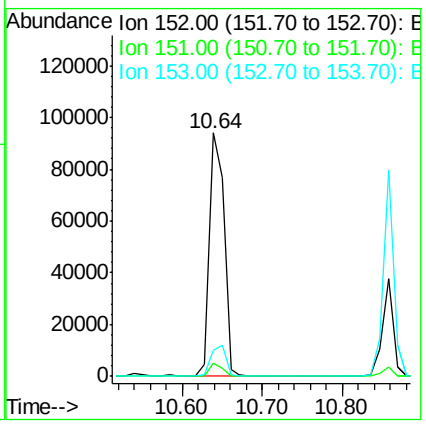


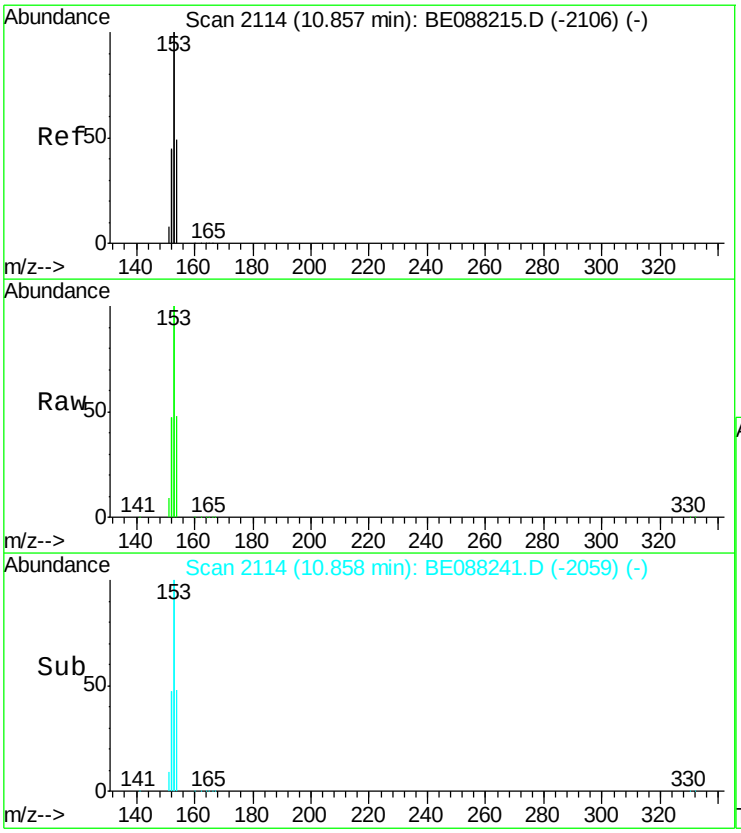
#9
Acenaphthylene
Concen: 1.03 ng
RT: 10.64 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 117193

Ion	Ratio	Lower	Upper
152	100		
151	4.6	3.7	5.5
153	12.8	10.3	15.5

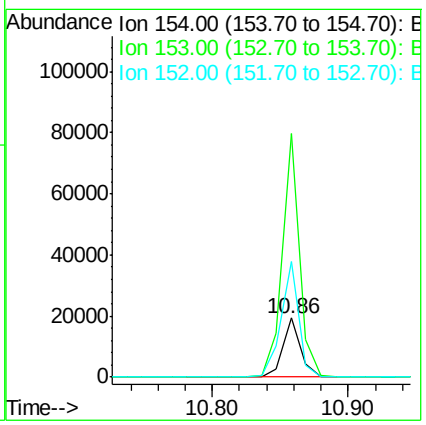


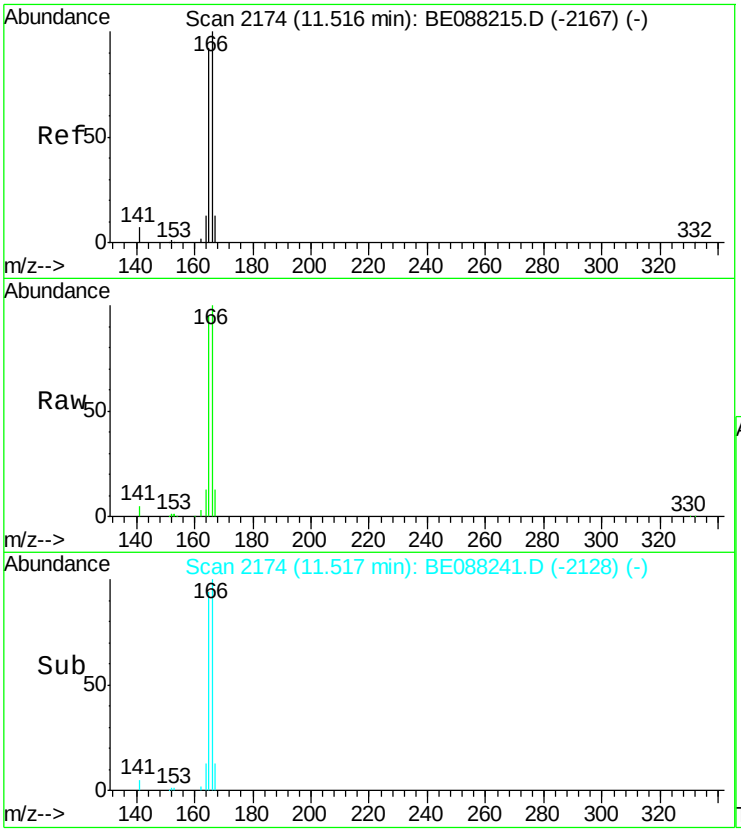


#10
Acenaphthene
Concen: 0.96 ng
RT: 10.86 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:154 Resp: 17435

Ion	Ratio	Lower	Upper
154	100		
153	403.4	326.0	489.0
152	195.9	155.6	233.4



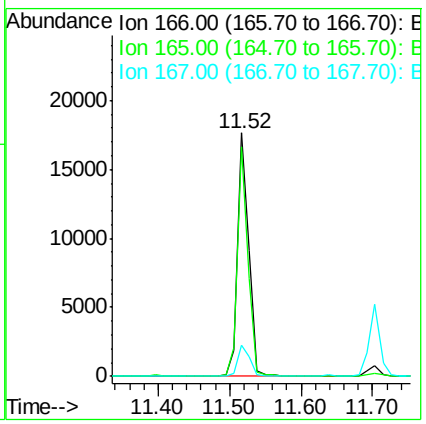


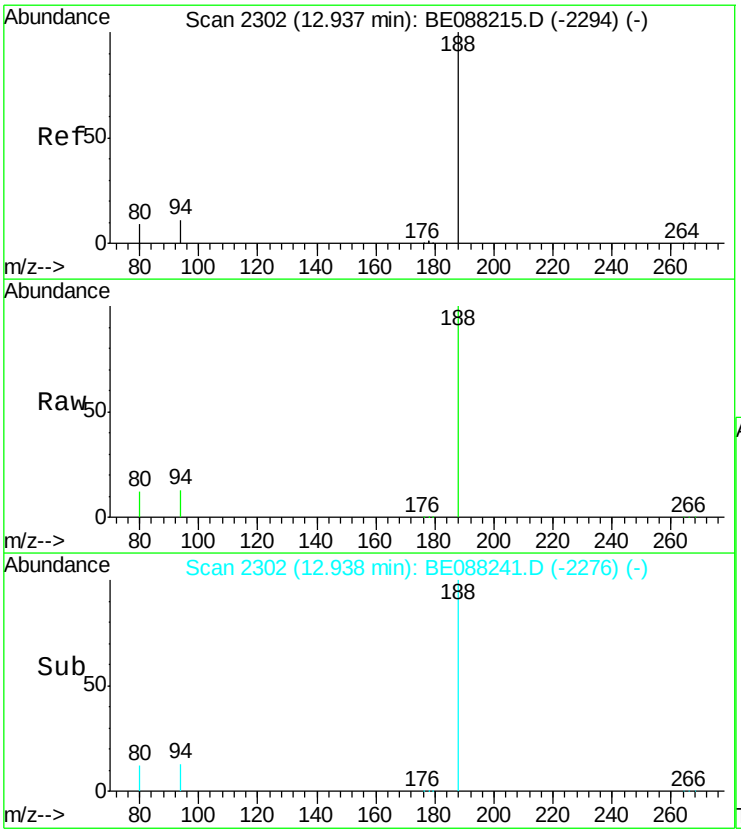
#11
Fluorene
Concen: 1.04 ng
RT: 11.52 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 19178

Ion	Ratio	Lower	Upper
166	100		
165	90.2	71.8	107.6
167	13.6	10.7	16.1

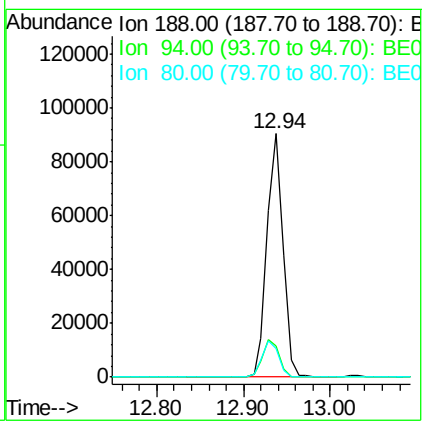


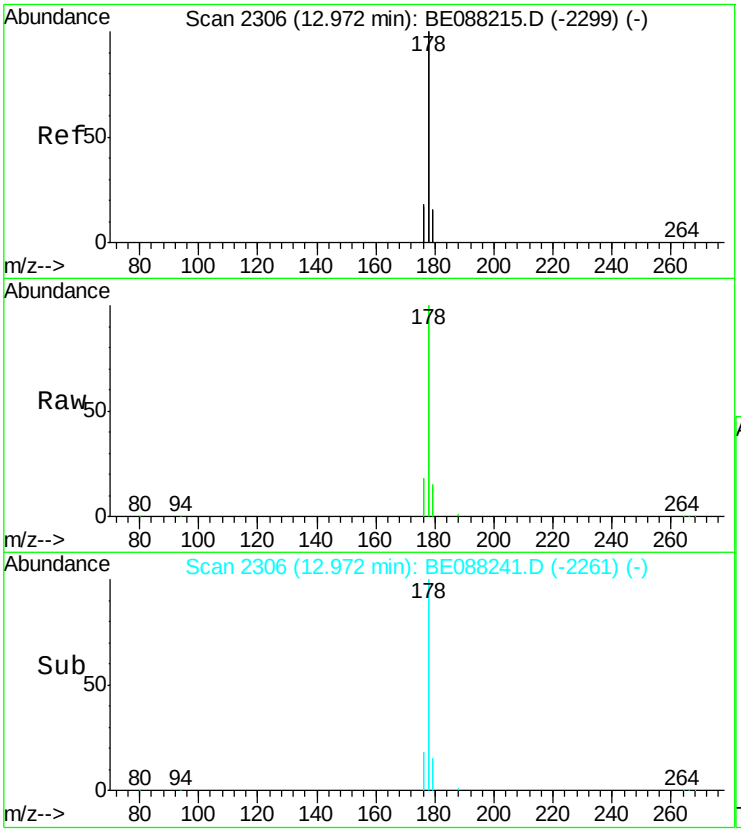


#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.94 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:188 Resp: 143399

Ion	Ratio	Lower	Upper
188	100		
94	12.7	8.5	12.7#
80	11.7	7.4	11.0#



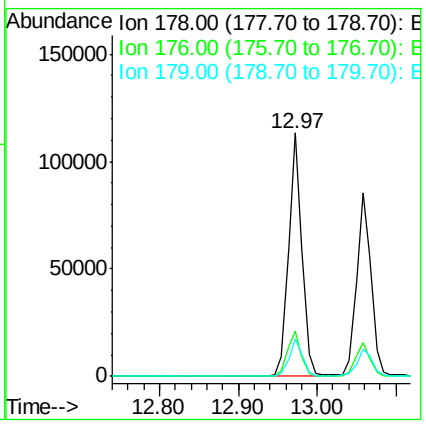


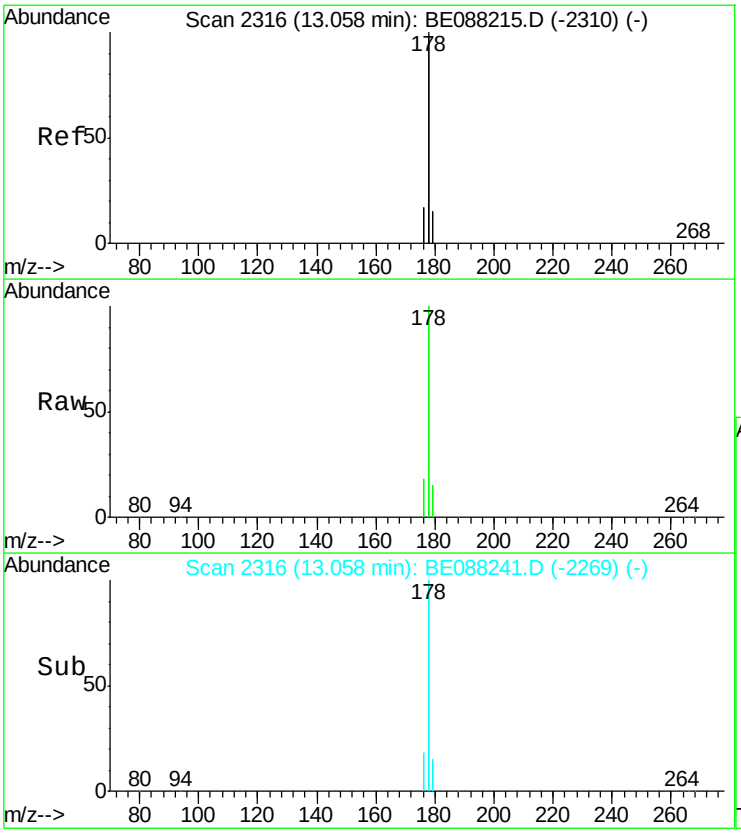
#13
Phenanthrene
Concen: 1.18 ng
RT: 12.97 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 162566

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.0	21.0
179	16.6	11.8	17.6

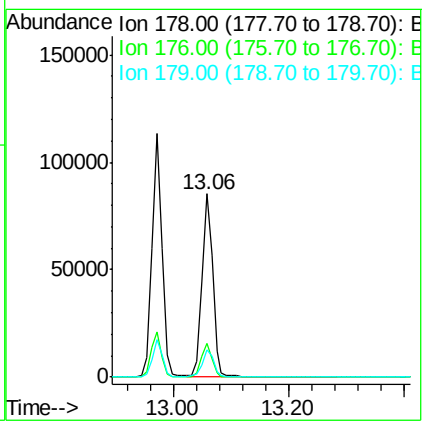


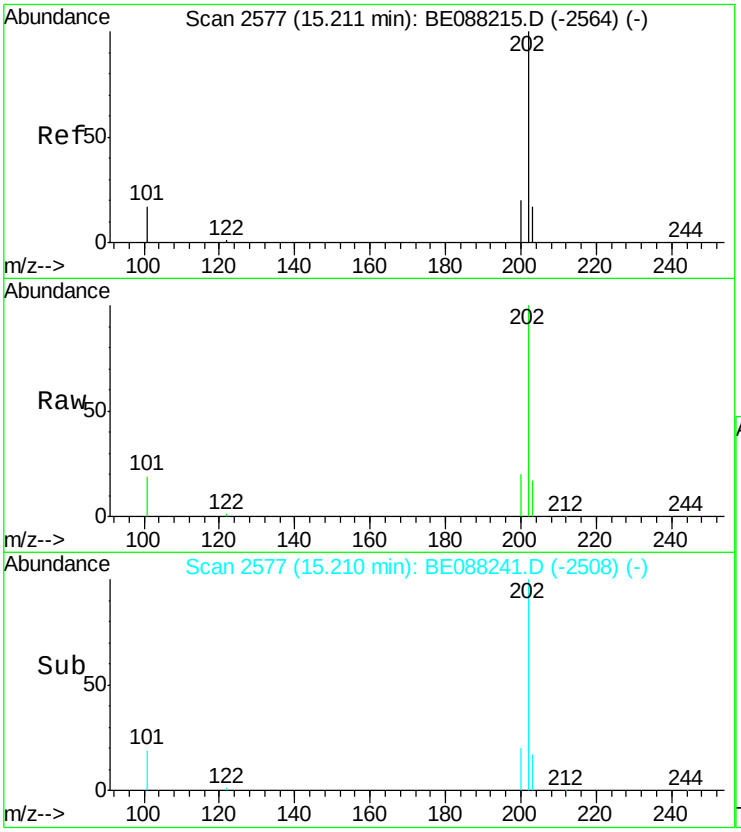


#14
Anthracene
Concen: 1.07 ng
RT: 13.06 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:178 Resp: 109449

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.2	12.3	18.5



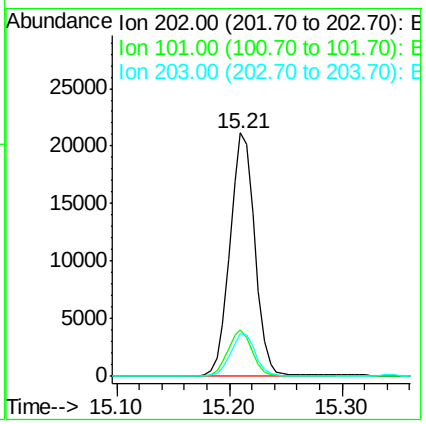


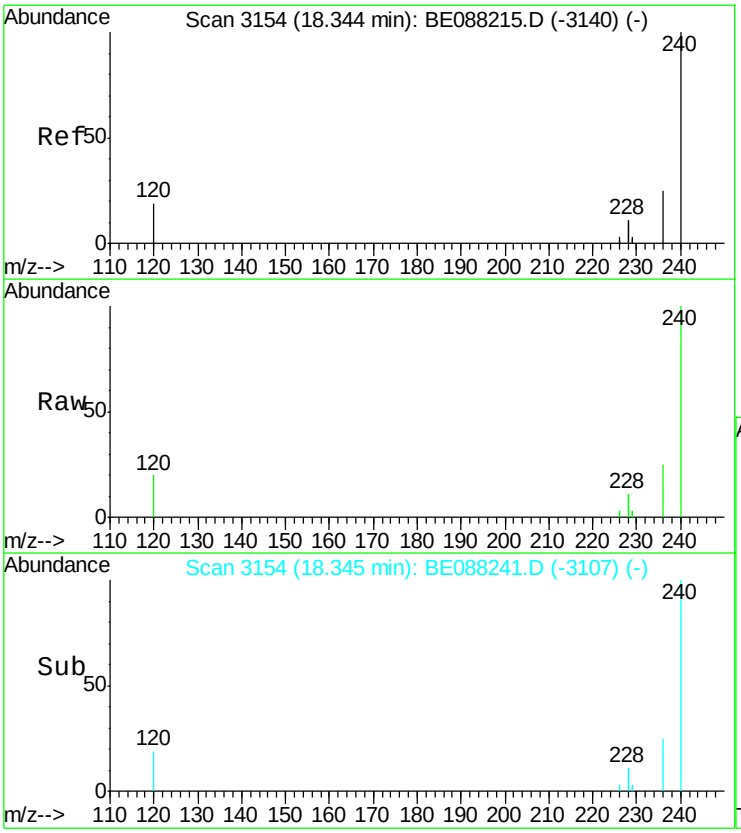
#15
Fluoranthene
Concen: 1.53 ng
RT: 15.21 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 32161

Ion	Ratio	Lower	Upper
202	100		
101	18.4	14.4	21.6
203	17.3	13.4	20.2

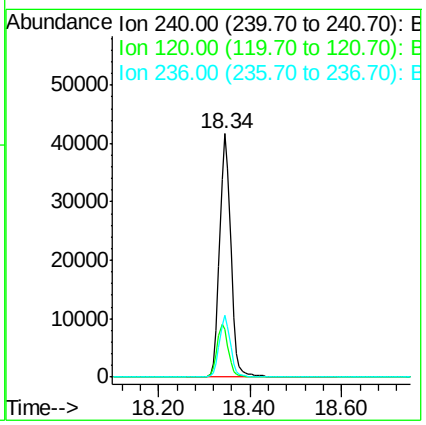


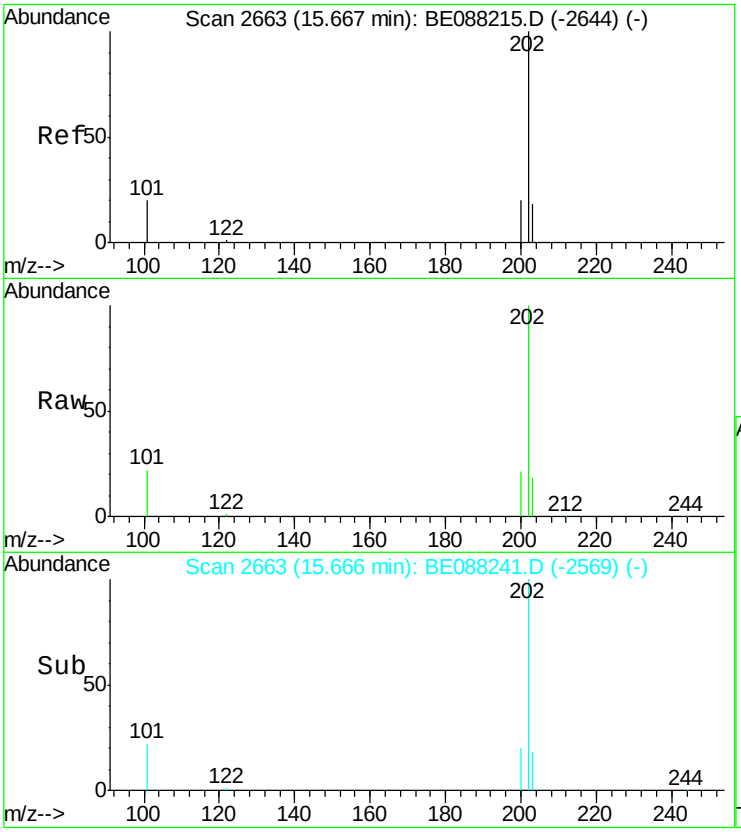


#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.34 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:240 Resp: 70043

Ion	Ratio	Lower	Upper
240	100		
120	19.6	15.1	22.7
236	25.3	20.1	30.1



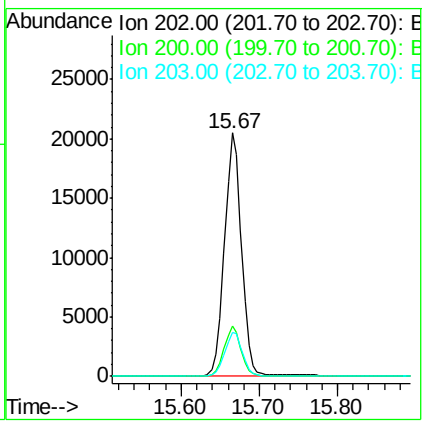


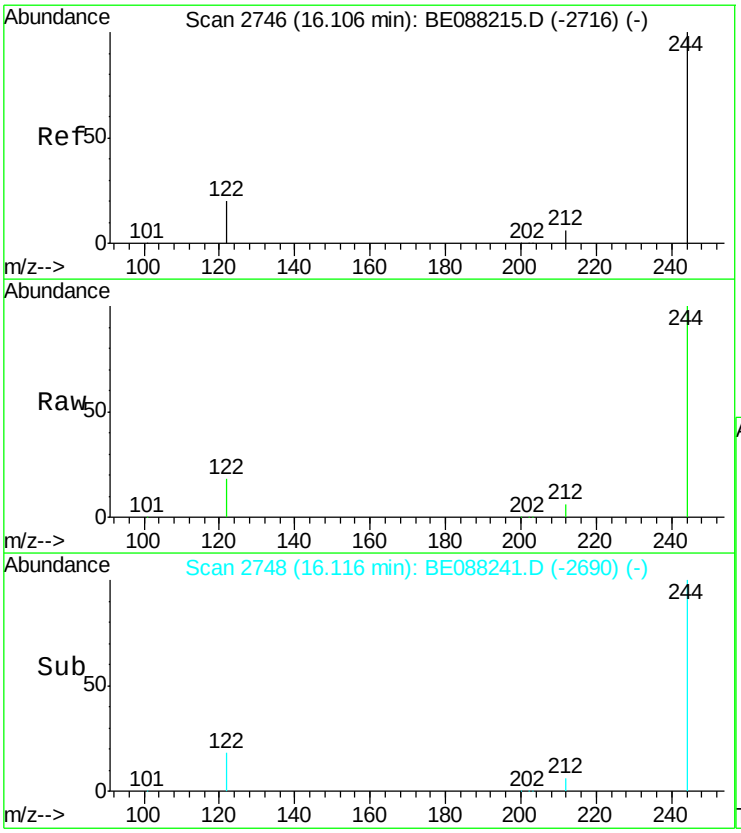
#17
Pyrene
Concen: 1.59 ng
RT: 15.67 min Scan# 2663
Delta R.T. -0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 30562

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	18.3	13.8	20.8

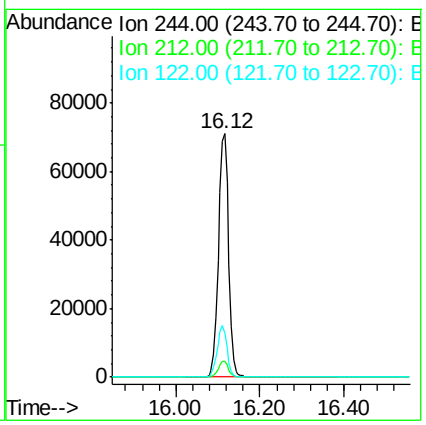


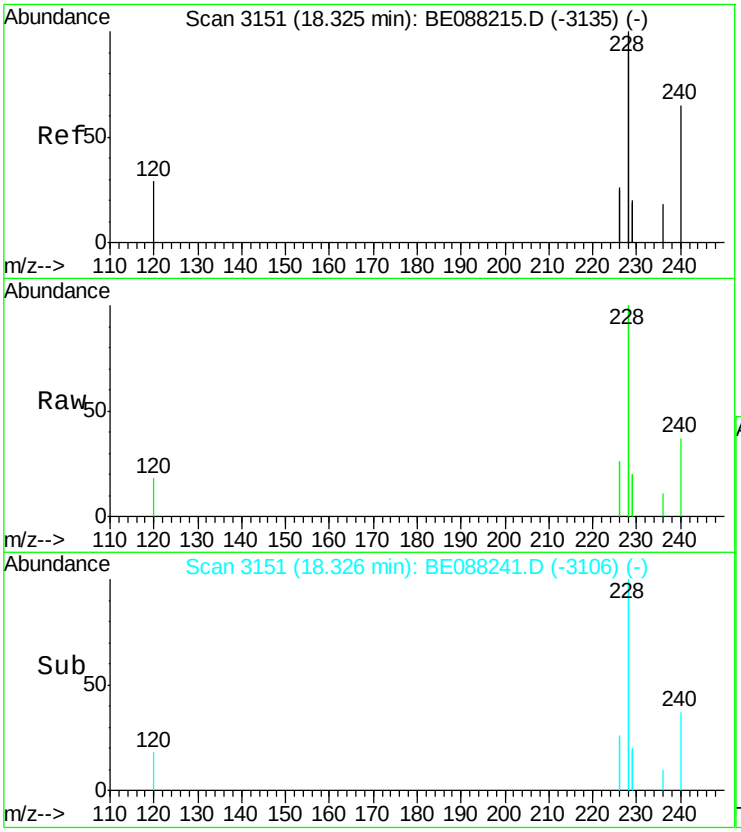


#18
Terphenyl-d14
Concen: 10.23 ng
RT: 16.12 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:244 Resp: 117387

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	18.1	16.7	25.1



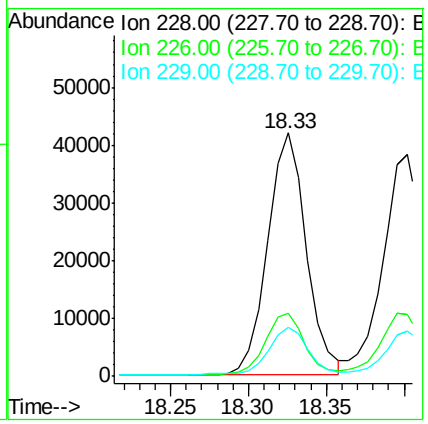


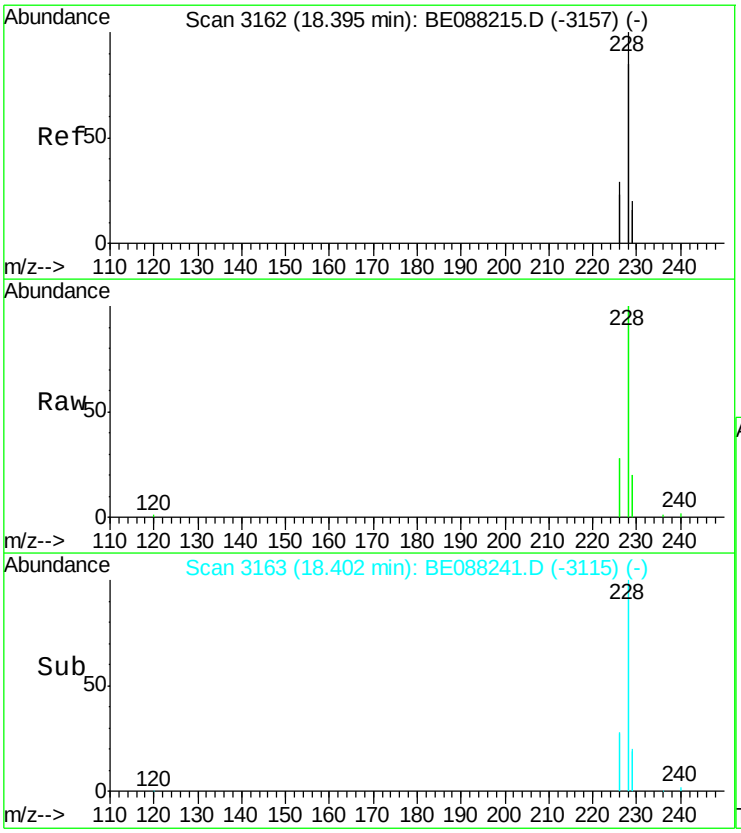
#19
Benzo(a)anthracene
Concen: 1.31 ng
RT: 18.33 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 72432

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.5	30.7
229	20.0	16.1	24.1

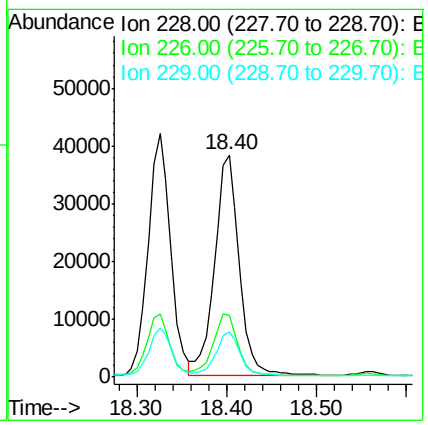


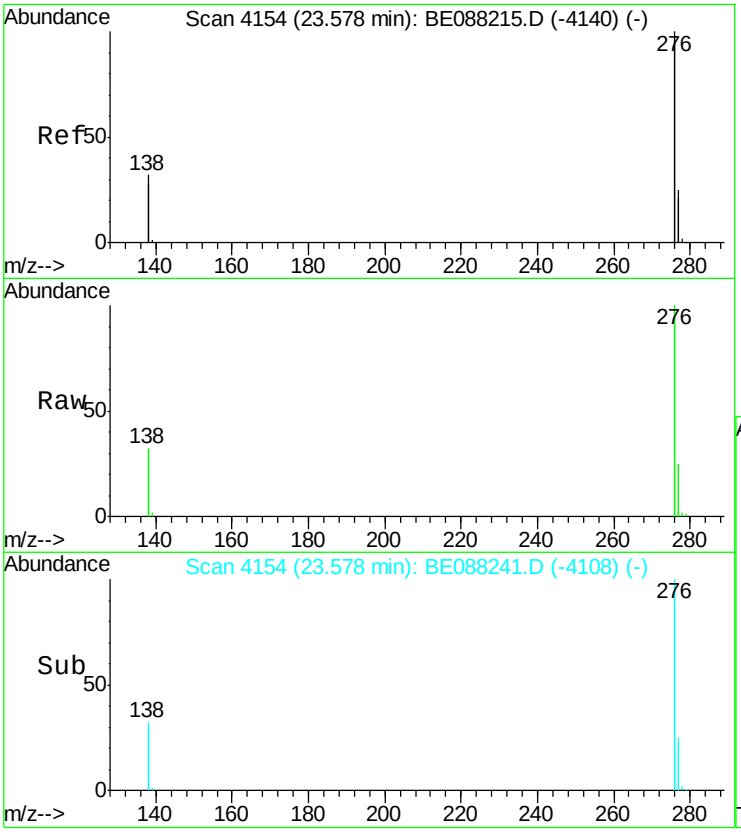


#20
Chrysene
Concen: 1.16 ng
RT: 18.40 min Scan# 3163
Delta R.T. 0.01 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:228 Resp: 72443

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.3	34.9
229	20.4	15.6	23.4



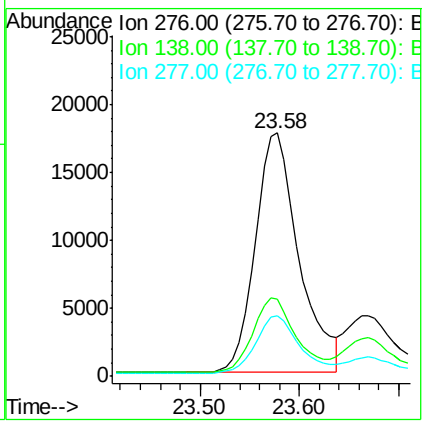


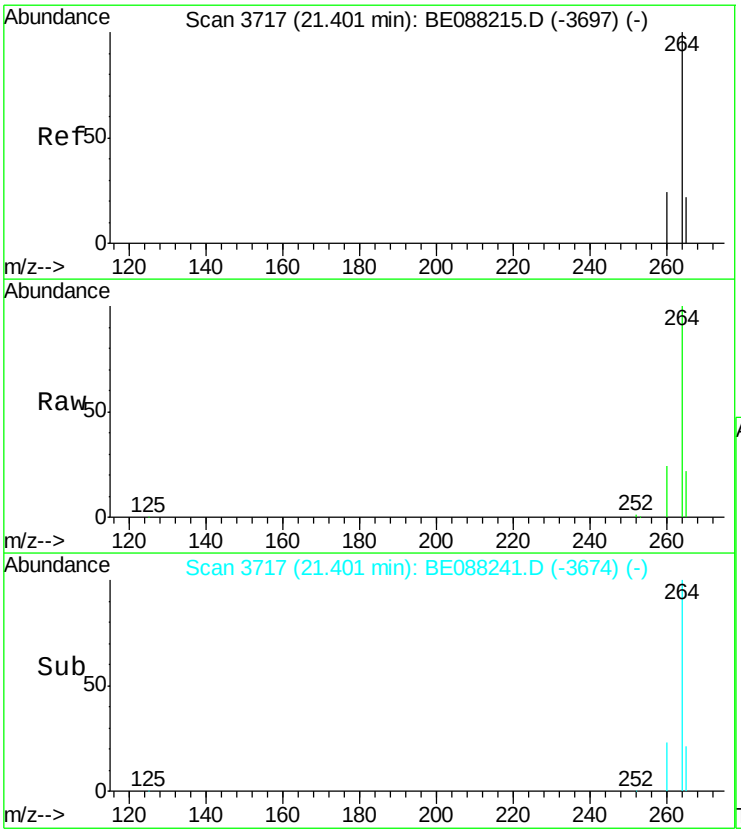
#21
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng
RT: 23.58 min Scan# 4154
Delta R.T. -0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 54283

Ion	Ratio	Lower	Upper
276	100		
138	30.9	13.9	20.9#
277	23.4	10.7	16.1#

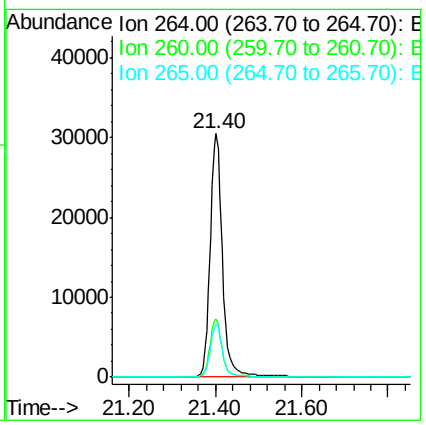


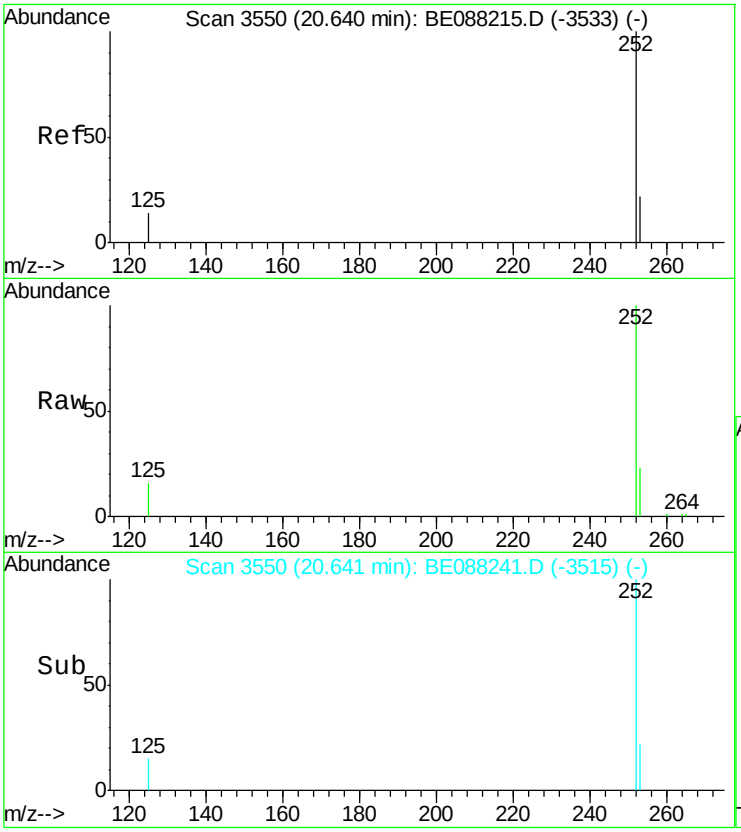


#22
Perylene-d12
Concen: 5.00 ng
RT: 21.40 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:264 Resp: 60832

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.6	17.4	26.2



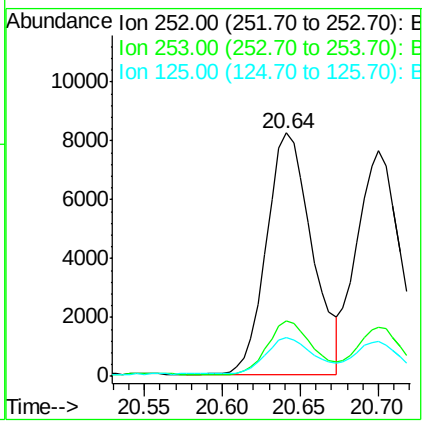


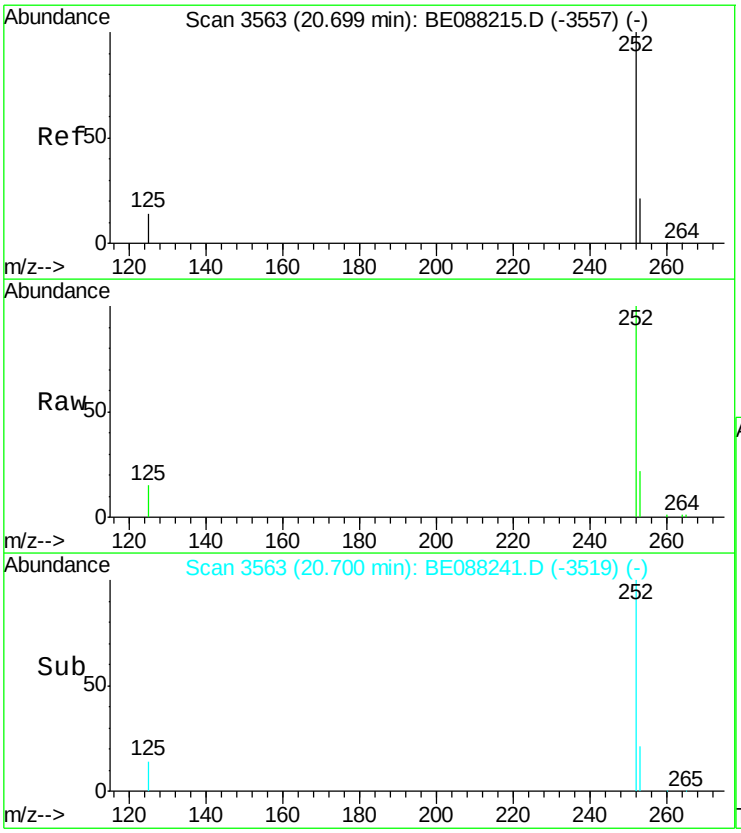
#23
Benzo(b)fluoranthene
Concen: 1.41 ng
RT: 20.64 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 16580

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	16.0	12.2	18.2

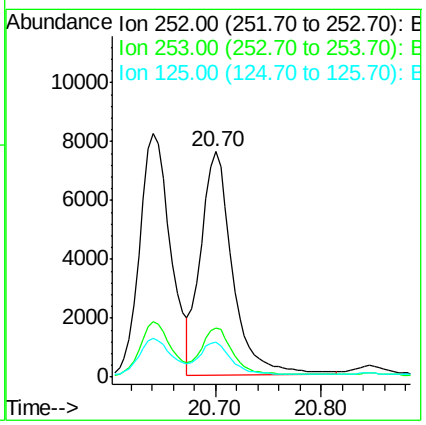


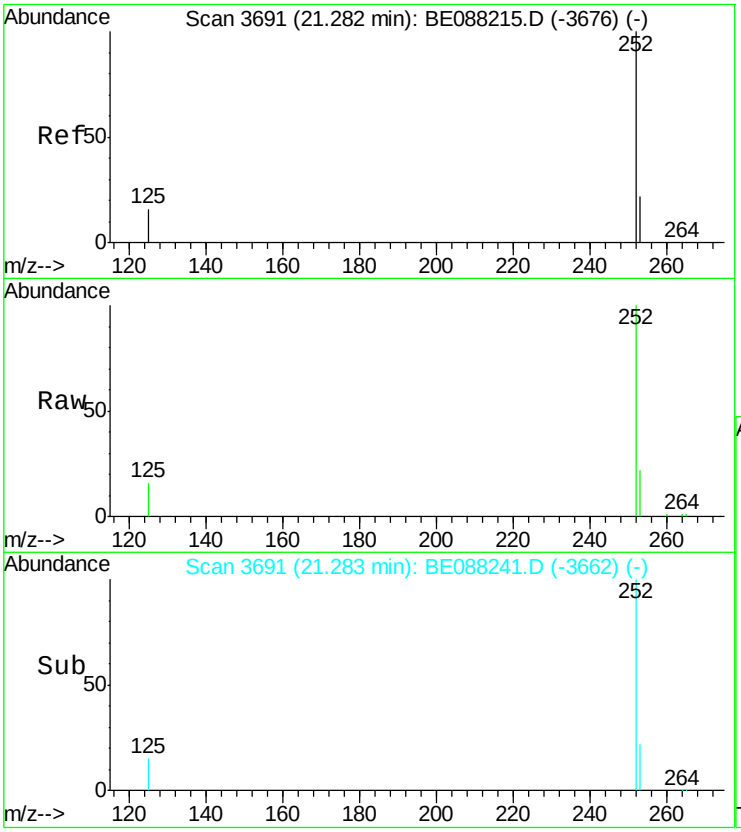


#24
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 20.70 min Scan# 3563
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:252 Resp: 16009

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	15.2	12.1	18.1



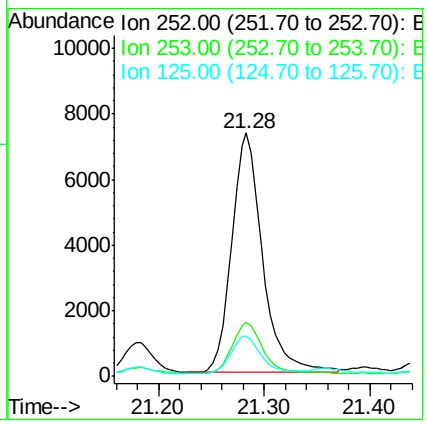


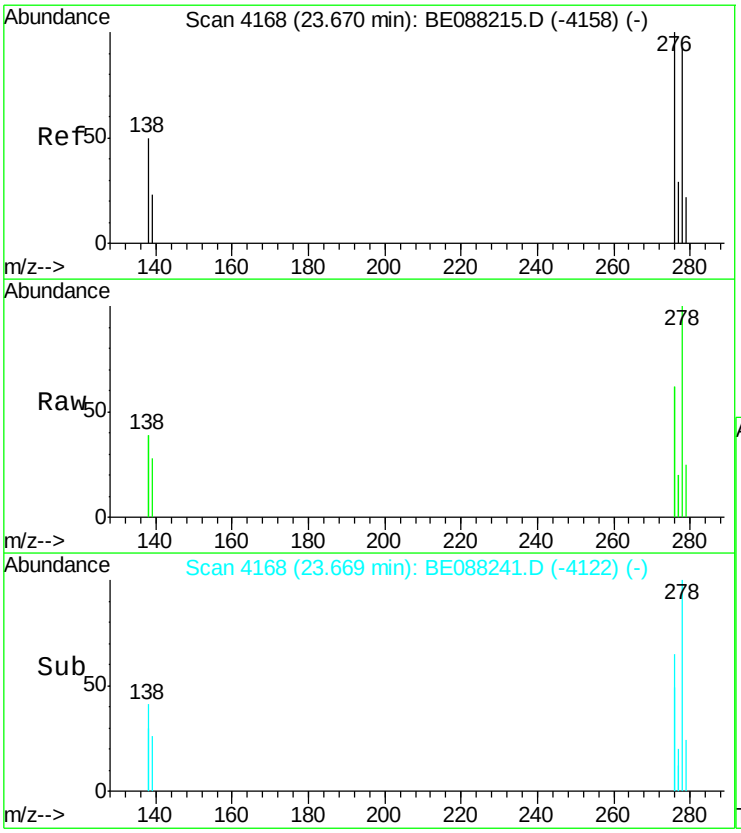
#25
Benzo(a)pyrene
Concen: 1.30 ng
RT: 21.28 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 14861

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	16.4	13.5	20.3

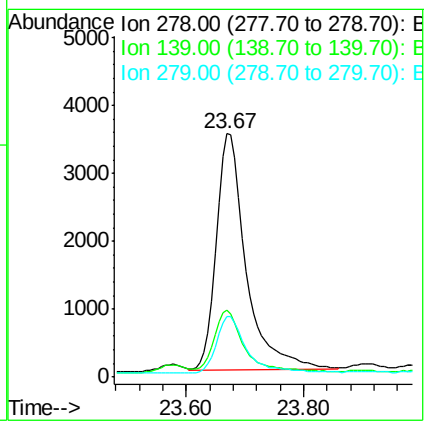


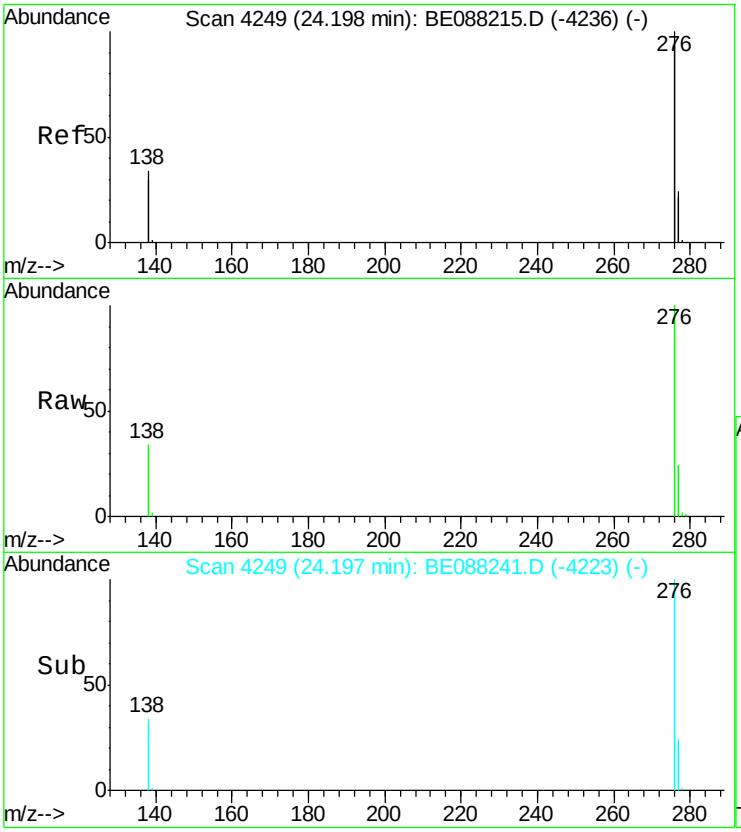


#26
Dibenzo(a,h)anthracene
Concen: 1.18 ng
RT: 23.67 min Scan# 4168
Delta R.T. 0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Tgt Ion:278 Resp: 12301

Ion	Ratio	Lower	Upper
278	100		
139	27.6	22.1	33.1
279	25.1	20.2	30.2





#27
Benzo(g,h,i)perylene
Concen: 1.30 ng
RT: 24.20 min Scan# 4249
Delta R.T. -0.00 min
Lab File: BE088241.D
Acq: 25 Oct 2014 10:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 63288

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.2
138	34.4	27.3	40.9