Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089673.D
Acq On : 24 Feb 2015 16:21
Operator : TP/JJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC010

Quant Time: Feb 24 17:06:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 24 16:10:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	46946	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	202056	5.00	ng		0.00
8) Acenaphthene-d10	16.42	164	92041	5.00	ng		0.01
13) Phenanthrene-d10	19.77	188	161469	5.00	ng		0.00
19) Chrysene-d12	23.66	240	138864	5.00	ng		0.00
25) Perylene-d12	25.34	264	103139	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.61	82	122868	10.92	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	205699	8.46	ng		0.00
21) Terphenyl-d14	22.30	244	179632	11.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	56003	9.45	ng		99
3) n-Nitrosodimethylamine	3.32	42	79443	11.21	ng		93
6) Naphthalene	12.29	128	389692	9.96	ng		99
7) 2-Methylnaphthalene	13.95	142	243900	11.14	ng		99
10) Acenaphthylene	16.07	152	1469019	11.30	ng		100
11) Acenaphthene	16.50	154	214419	10.28	ng		98
12) Fluorene	17.74	166	246280	10.70	ng		100
14) Hexachlorobenzene	19.00	284	43037	10.34	ng		98
15) Pentachlorophenol	19.43	266	12917	28.80	ng		93
16) Phenanthrene	19.81	178	350320	10.19	ng		99
17) Anthracene	19.91	178	341956	11.95	ng		100
18) Fluoranthene	21.72	202	340725	12.17	ng		99
20) Pyrene	22.04	202	364756	11.00	ng		99
22) Benzo(a)anthracene	23.64	228	1140481	12.95	ng		99
23) Chrysene	23.69	228	1182275	9.31	ng		96
24) Indeno(1,2,3-cd)pyrene	26.75	276	866449	23.32	ng	#	46
26) Benzo(b)fluoranthene	24.91	252	190022	25.98	ng		96
27) Benzo(k)fluoranthene	24.94	252	298559	13.59	ng		98
28) Benzo(a)pyrene	25.27	252	190966	22.23	ng		95
29) Dibenzo(a,h)anthracene	26.77	278	168468	26.84	ng	#	87
30) Benzo(g,h,i)perylene	27.16	276	746580	17.88	ng		93

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

Quantitation Report (Not Reviewed)

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Data File : BE089673.D
Acq On : 24 Feb 2015 16:21
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Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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QLast Update : Tue Feb 24 16:10:11 2015
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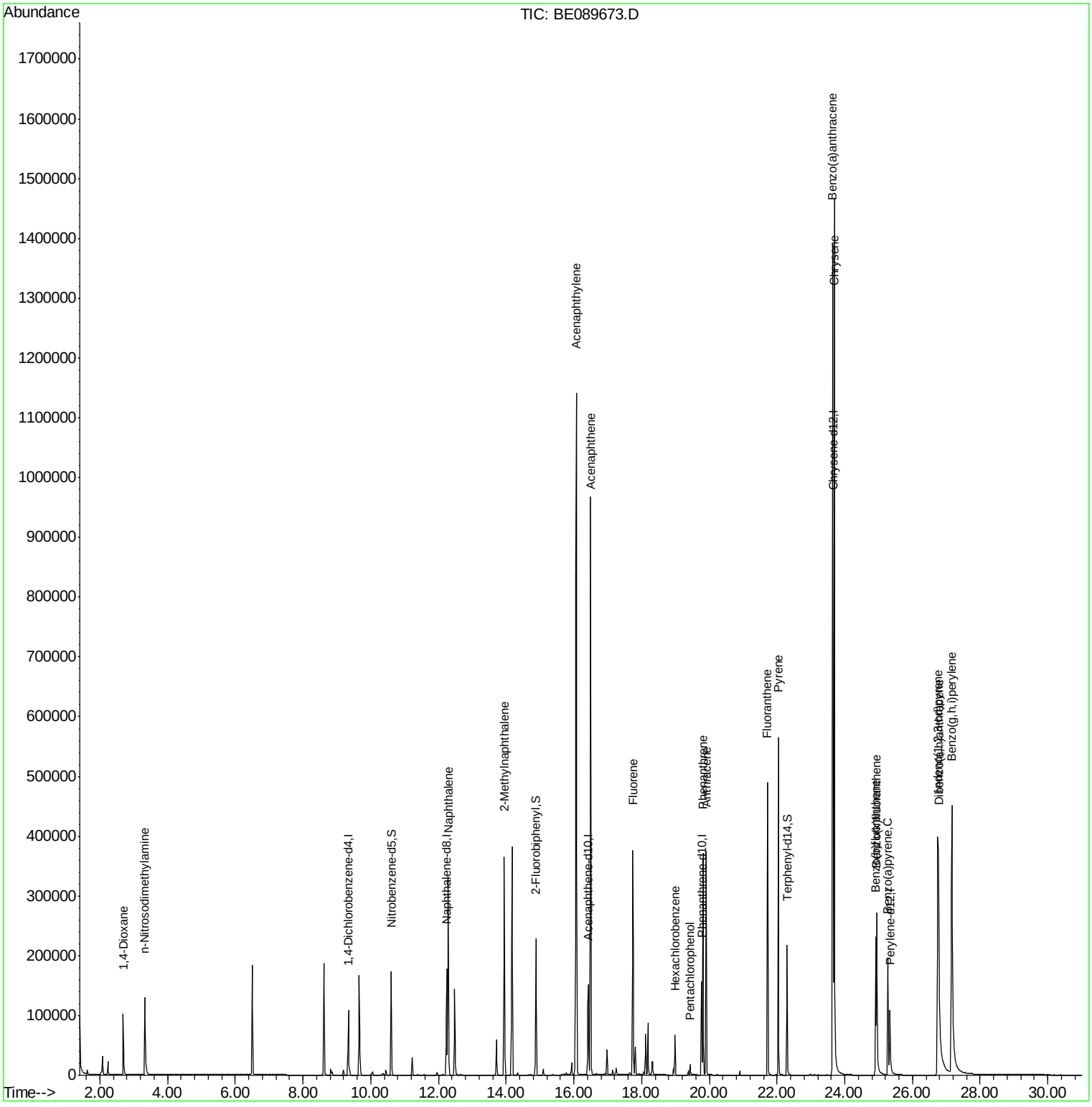
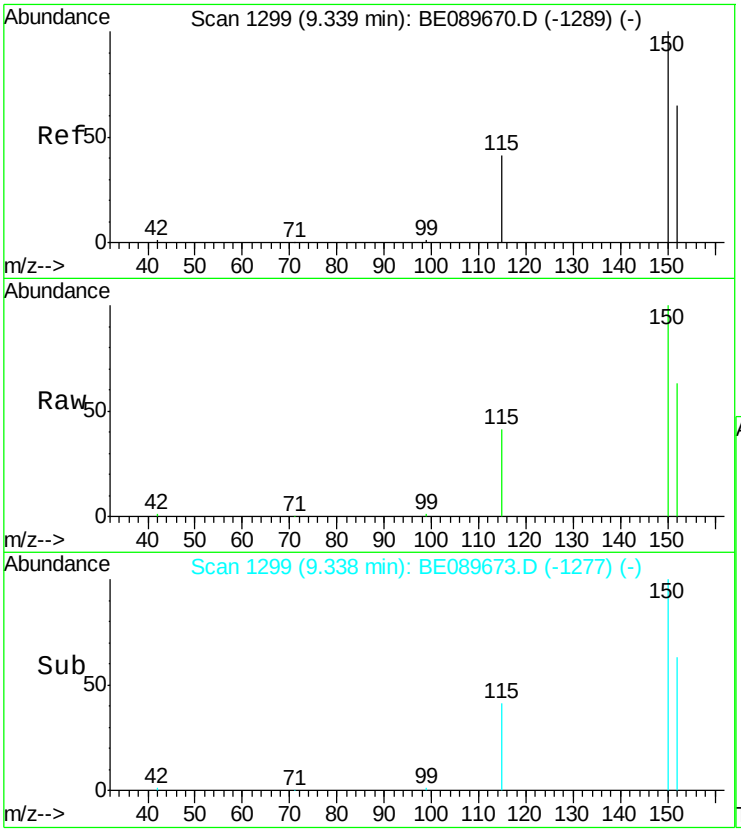


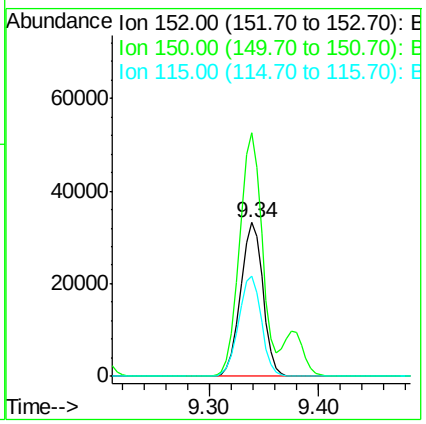


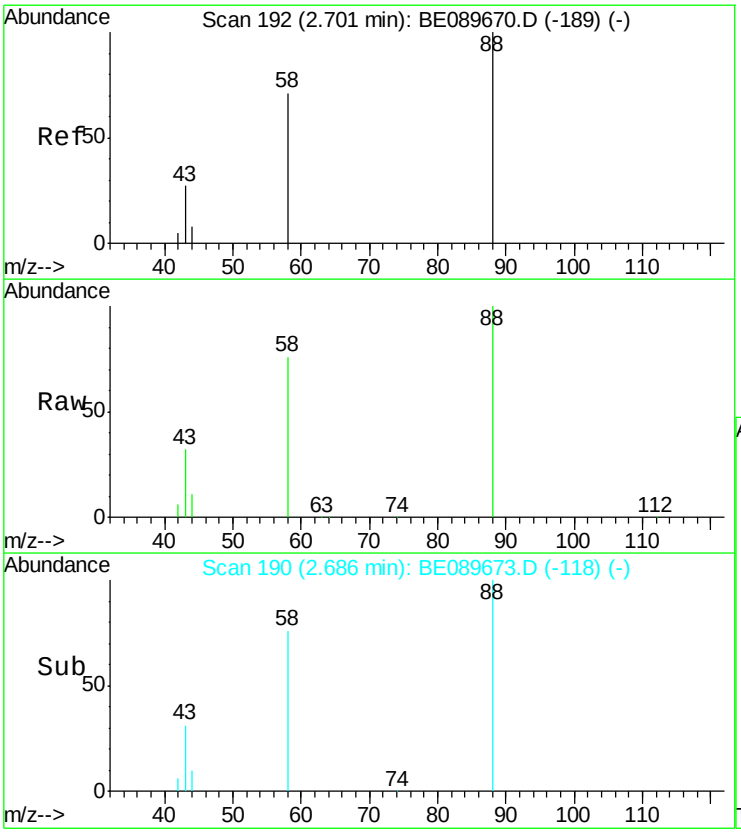
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:152 Resp: 46946

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.4	185.0
115	65.6	50.8	76.2

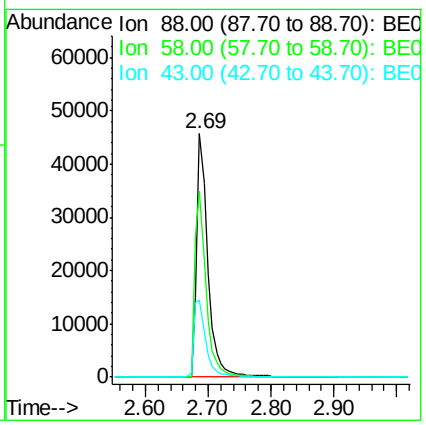


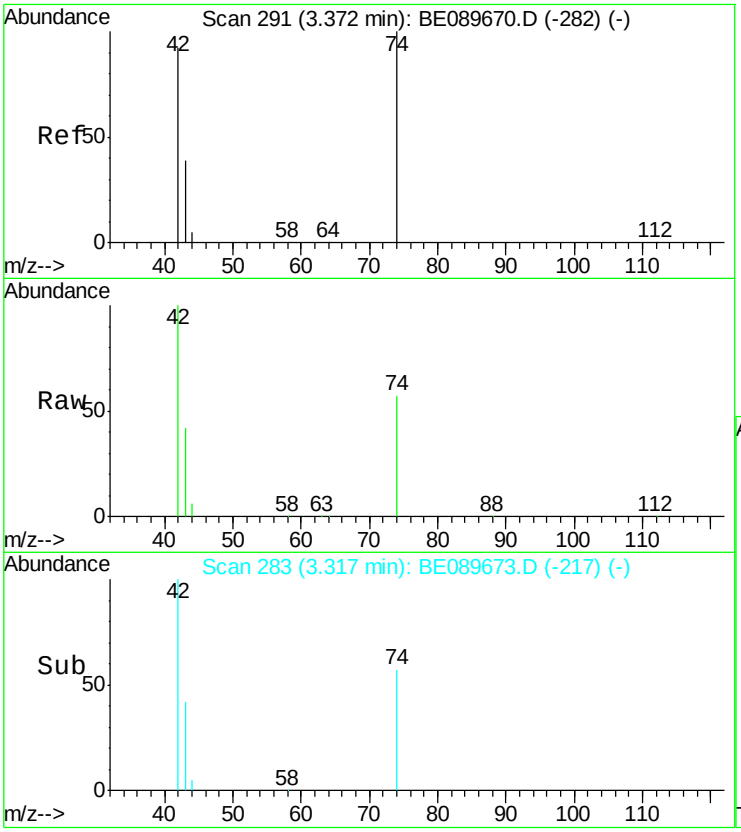


#2
1,4-Dioxane
Concen: 9.45 ng
RT: 2.69 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion: 88 Resp: 56003

Ion	Ratio	Lower	Upper
88	100		
58	77.4	62.4	93.6
43	33.7	26.6	40.0



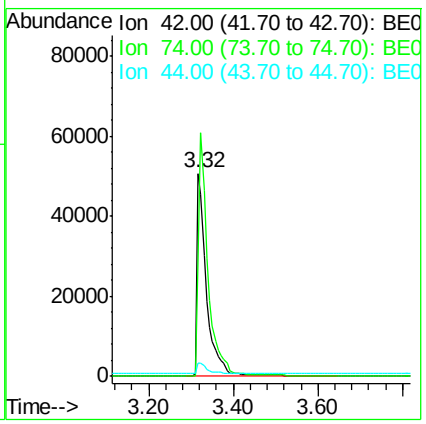


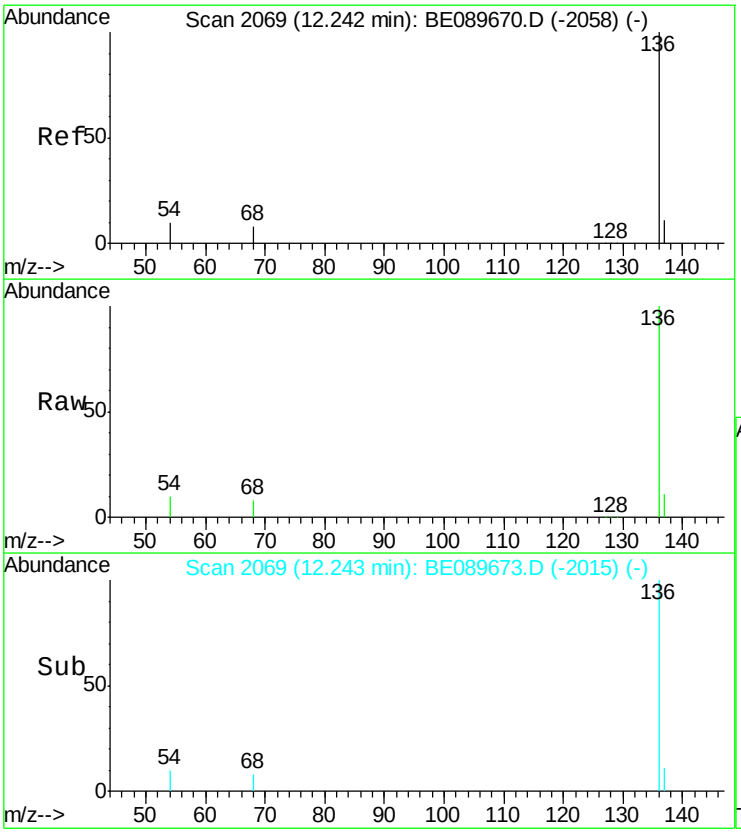
#3
n-Nitrosodimethylamine
Concen: 11.21 ng
RT: 3.32 min Scan# 283
Delta R.T. -0.06 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 79443

Ion	Ratio	Lower	Upper
42	100		
74	121.4	91.1	136.7
44	5.7	4.7	7.1

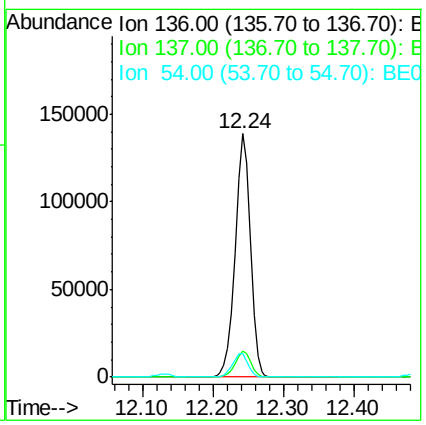


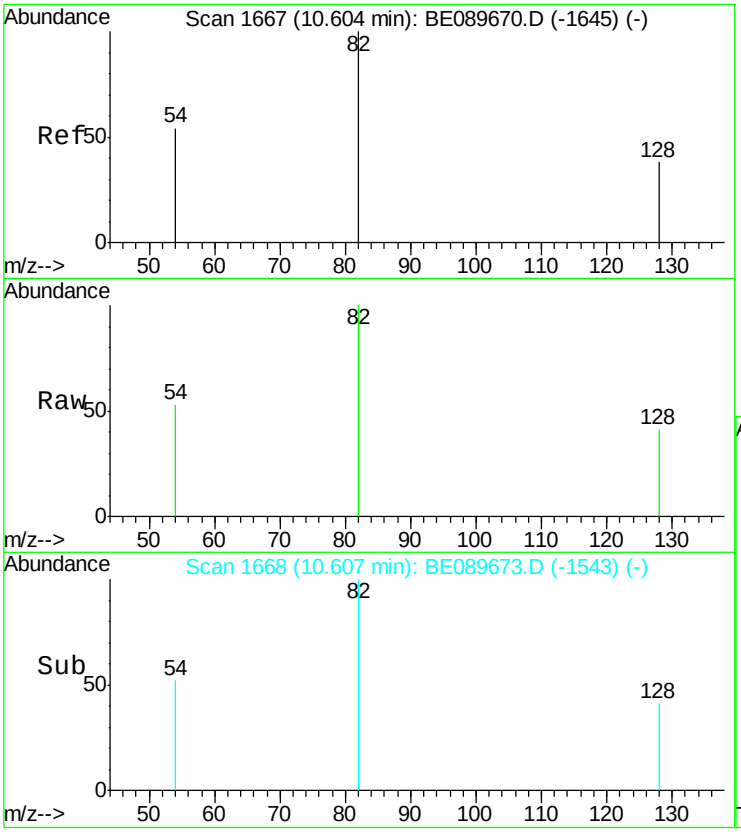


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:136 Resp: 202056

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.8	7.8	11.8



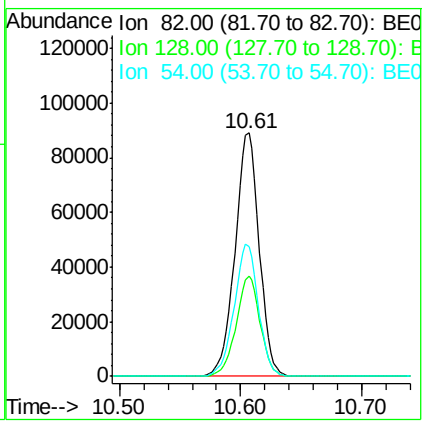


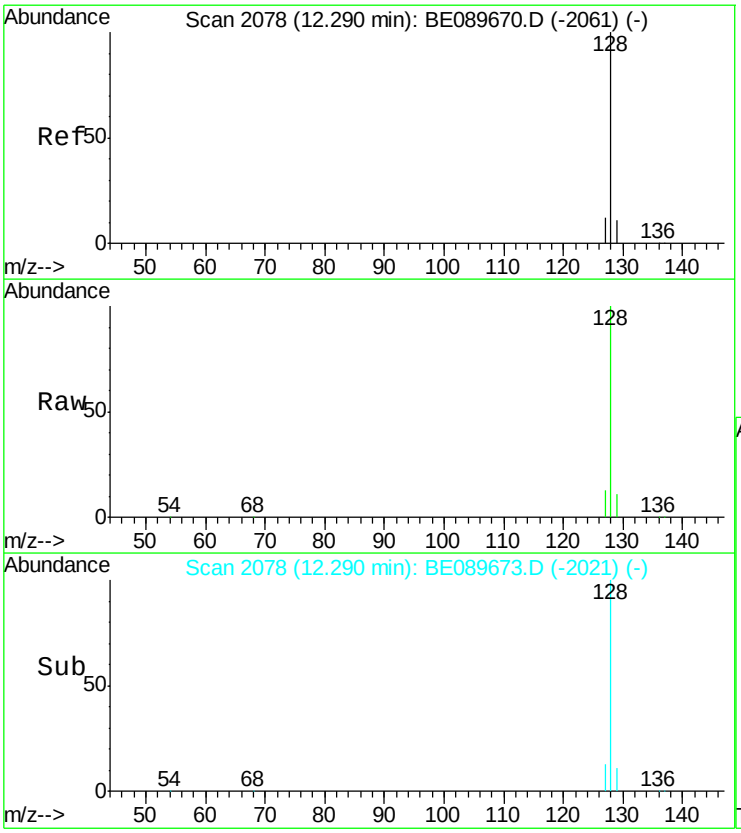
#5
Nitrobenzene-d5
Concen: 10.92 ng
RT: 10.61 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 122868

Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.6	46.0
54	53.5	43.6	65.4

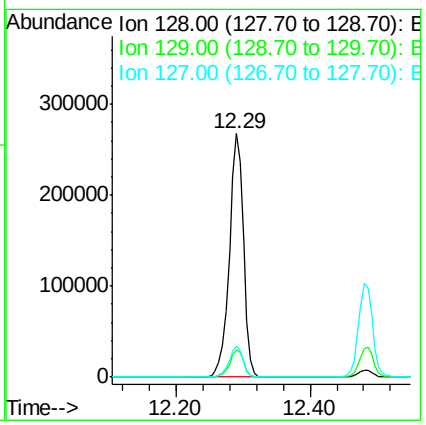


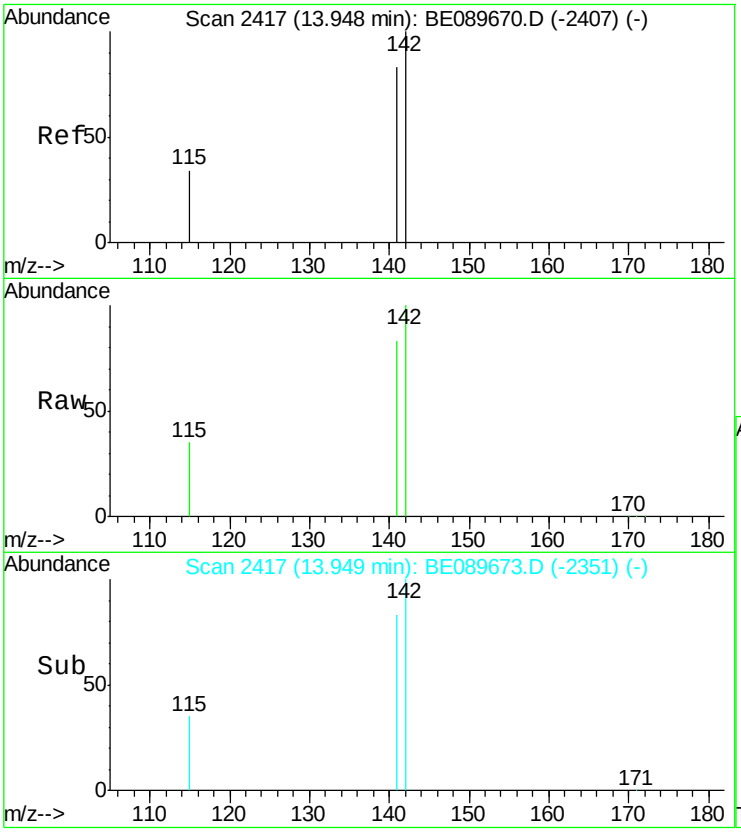


#6
Naphthalene
Concen: 9.96 ng
RT: 12.29 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:128 Resp: 389692

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.7	9.7	14.5



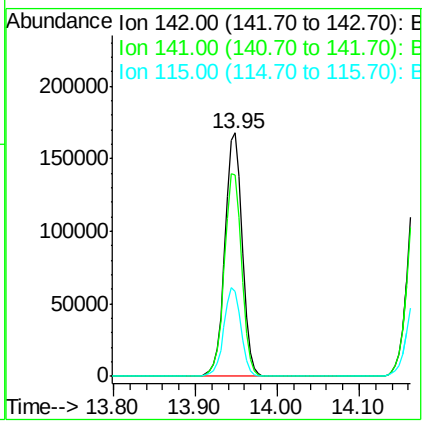


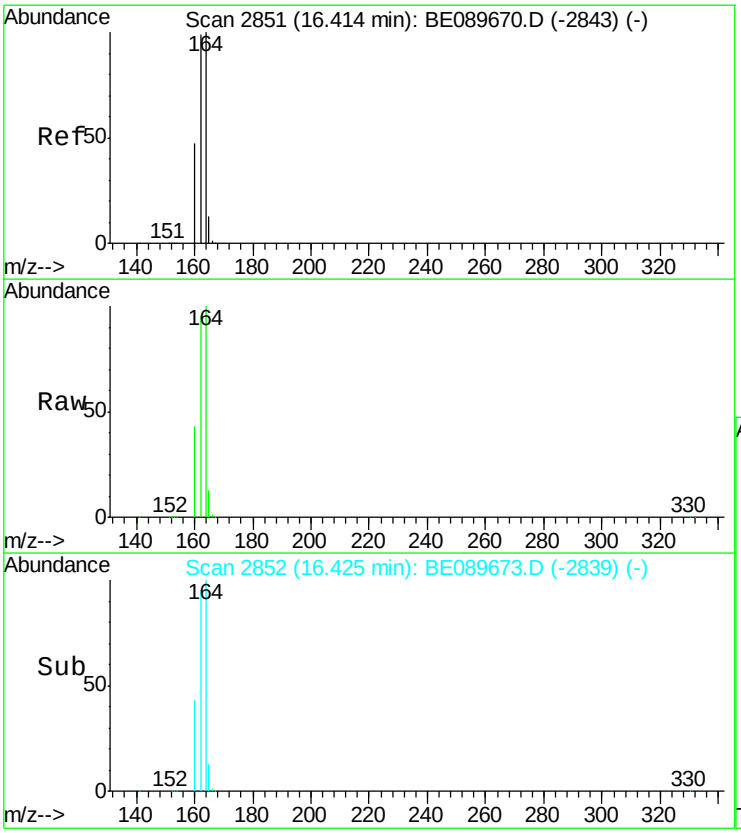
#7
2-Methylnaphthalene
Concen: 11.14 ng
RT: 13.95 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:142 Resp: 243900

Ion	Ratio	Lower	Upper
142	100		
141	83.0	66.0	99.0
115	35.0	27.4	41.0

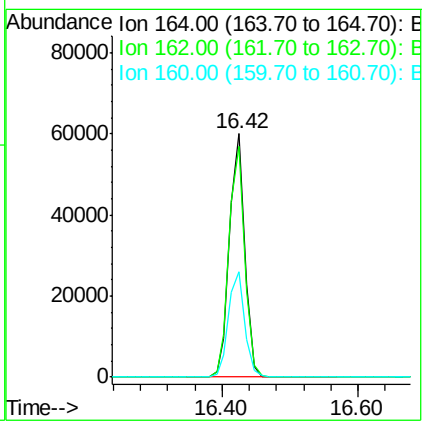


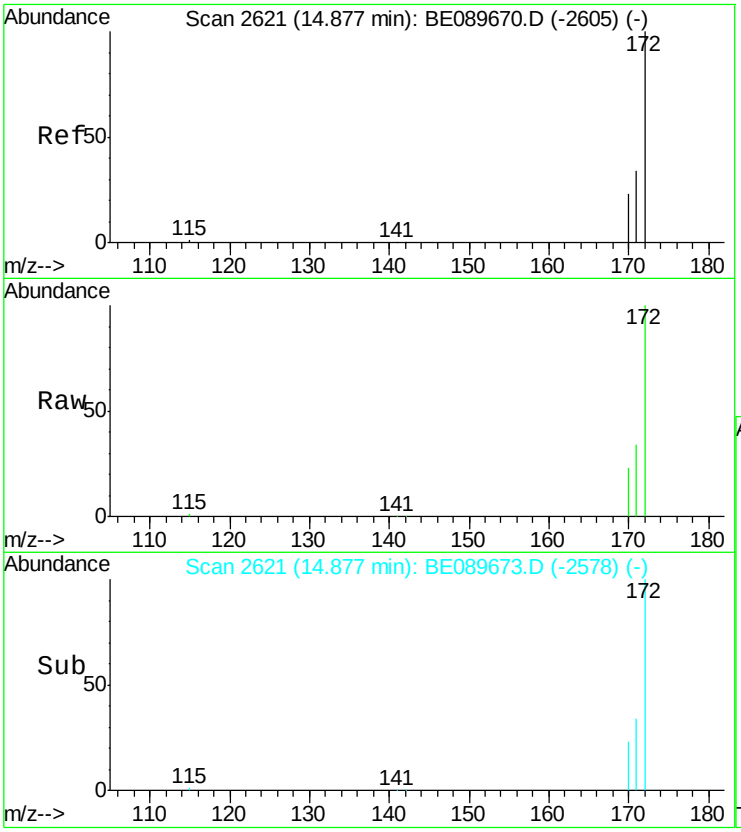


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:164 Resp: 92041

Ion	Ratio	Lower	Upper
164	100		
162	94.8	79.4	119.2
160	43.0	37.6	56.4



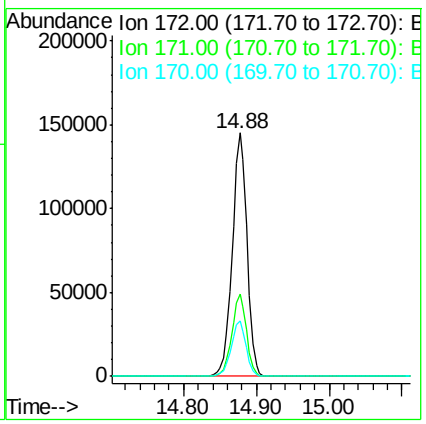


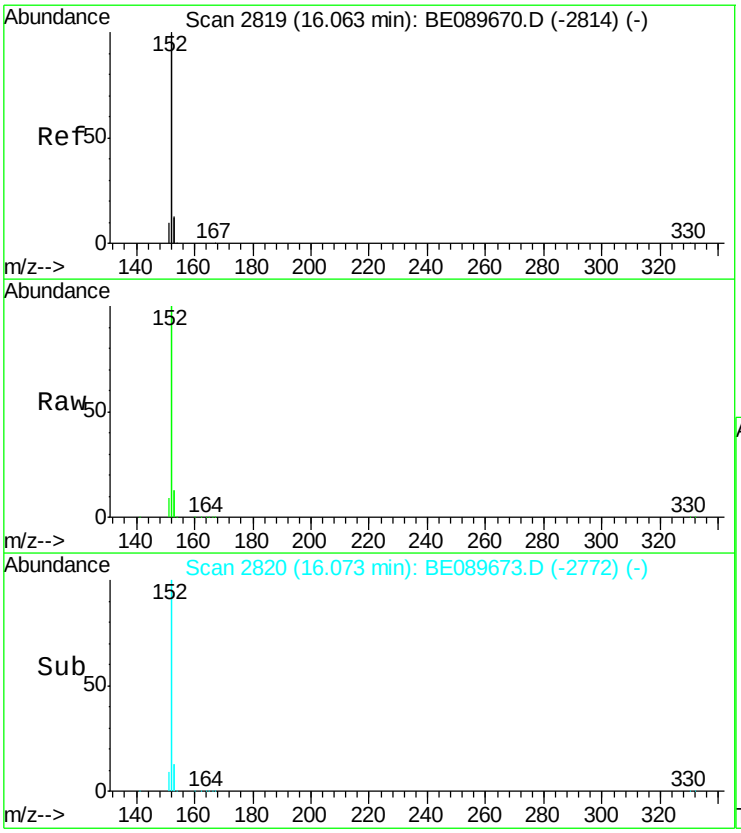
#9
2-Fluorobiphenyl
Concen: 8.46 ng
RT: 14.88 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:172 Resp: 205699

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.3	40.9
170	22.9	18.5	27.7

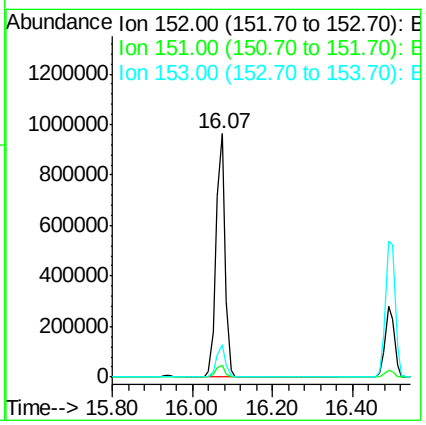


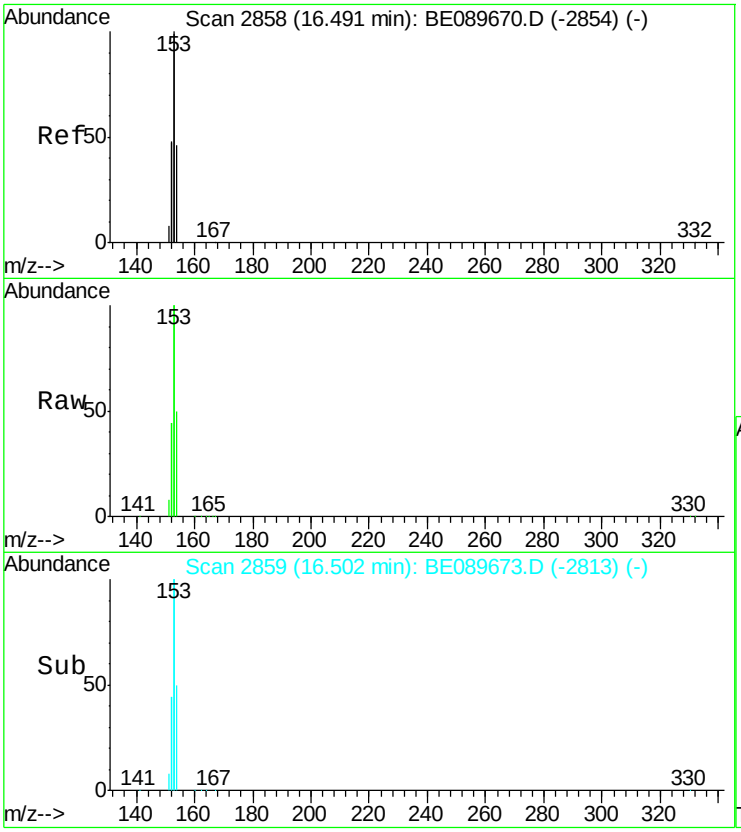


#10
Acenaphthylene
Concen: 11.30 ng
RT: 16.07 min Scan# 2820
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:152 Resp: 1469019

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.6
153	13.1	10.4	15.6



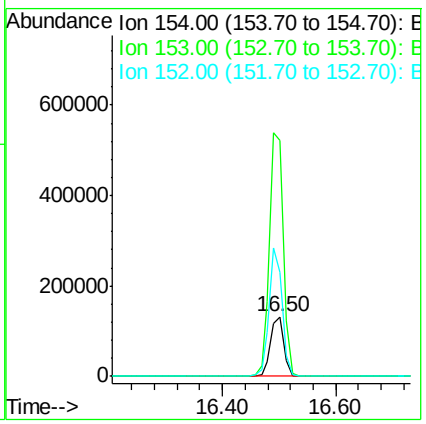


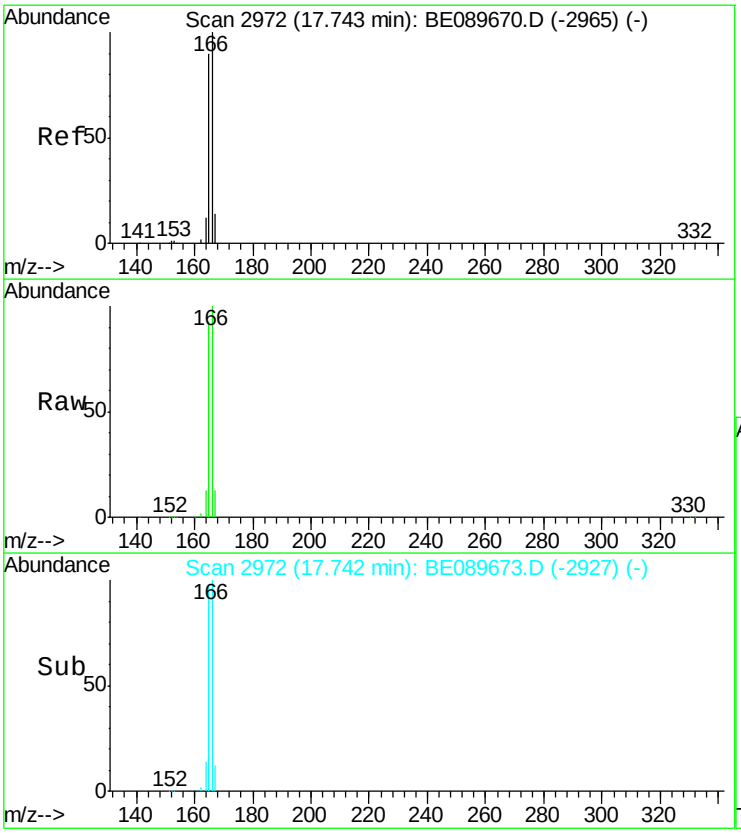
#11
Acenaphthene
Concen: 10.28 ng
RT: 16.50 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:154 Resp: 214419

Ion	Ratio	Lower	Upper
154	100		
153	426.1	345.8	518.8
152	208.2	168.6	252.8

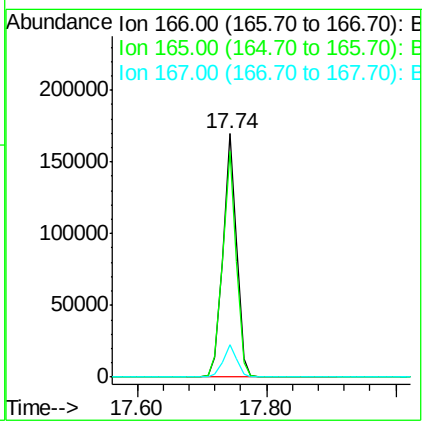


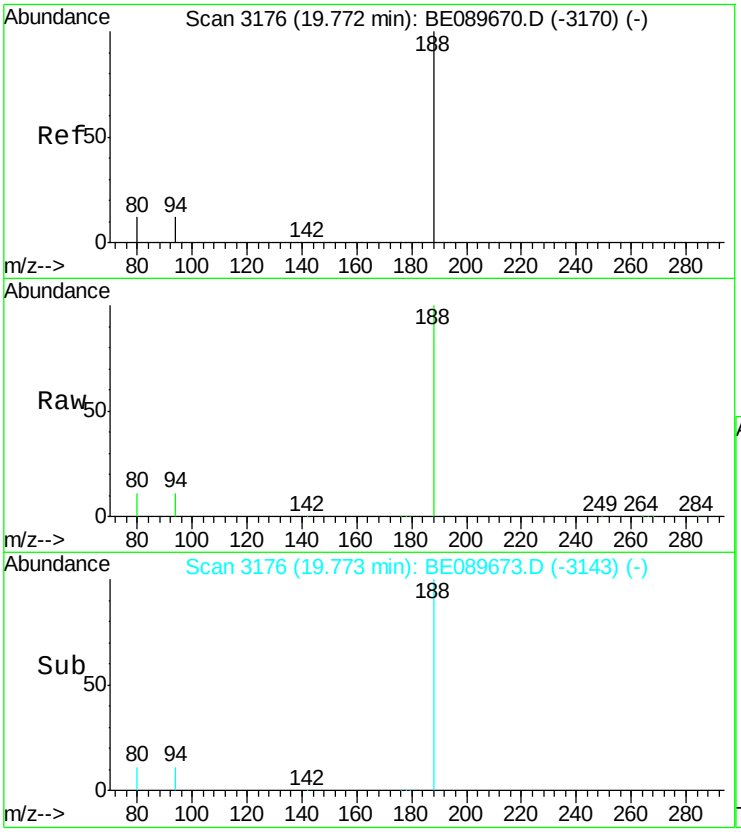


#12
Fluorene
Concen: 10.70 ng
RT: 17.74 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:166 Resp: 246280

Ion	Ratio	Lower	Upper
166	100		
165	92.3	73.6	110.4
167	13.3	10.6	16.0



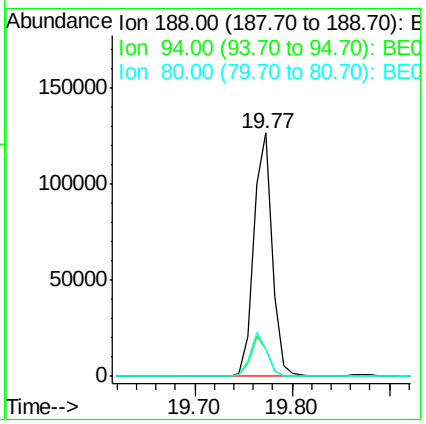


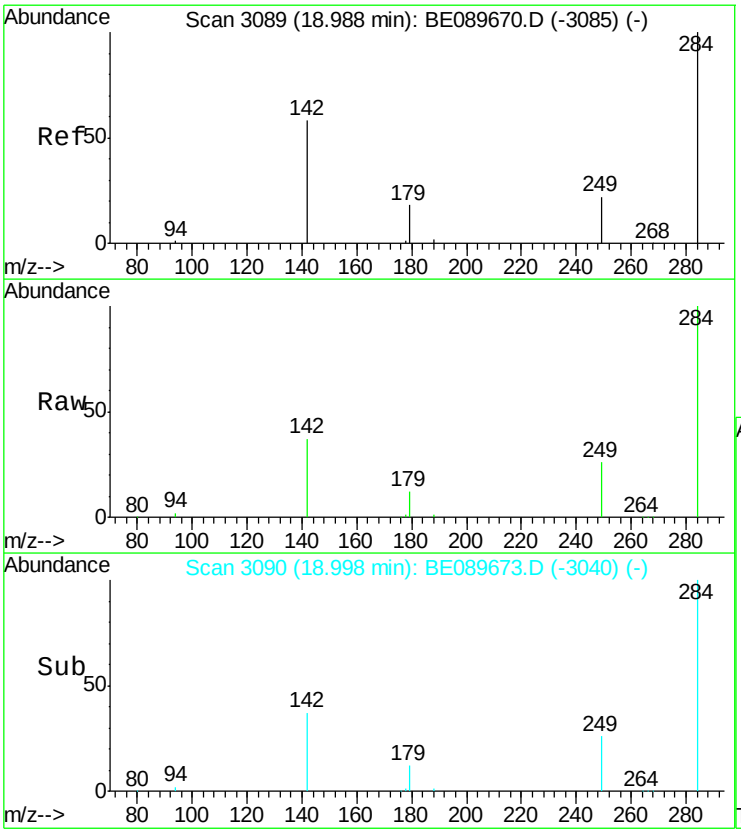
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:188 Resp: 161469

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.3	9.5	14.3

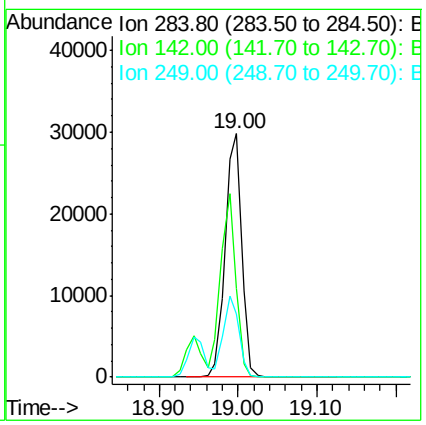


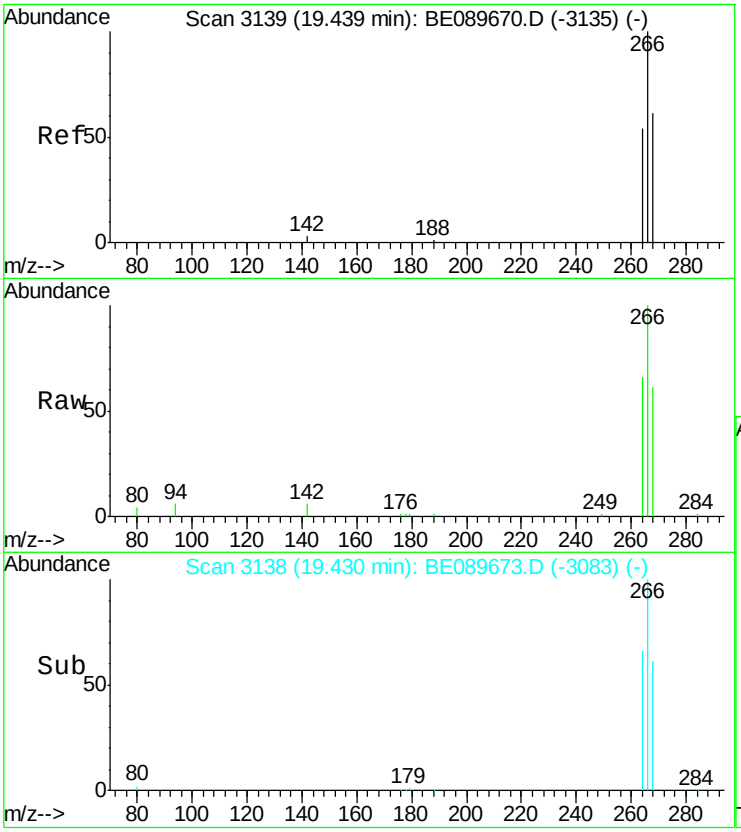


#14
Hexachlorobenzene
Concen: 10.34 ng
RT: 19.00 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:284 Resp: 43037

Ion	Ratio	Lower	Upper
284	100		
142	69.5	55.4	83.2
249	30.8	27.2	40.8



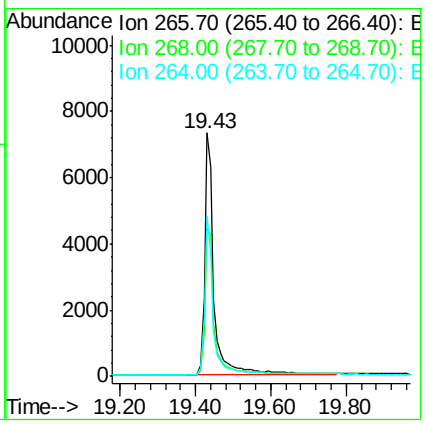


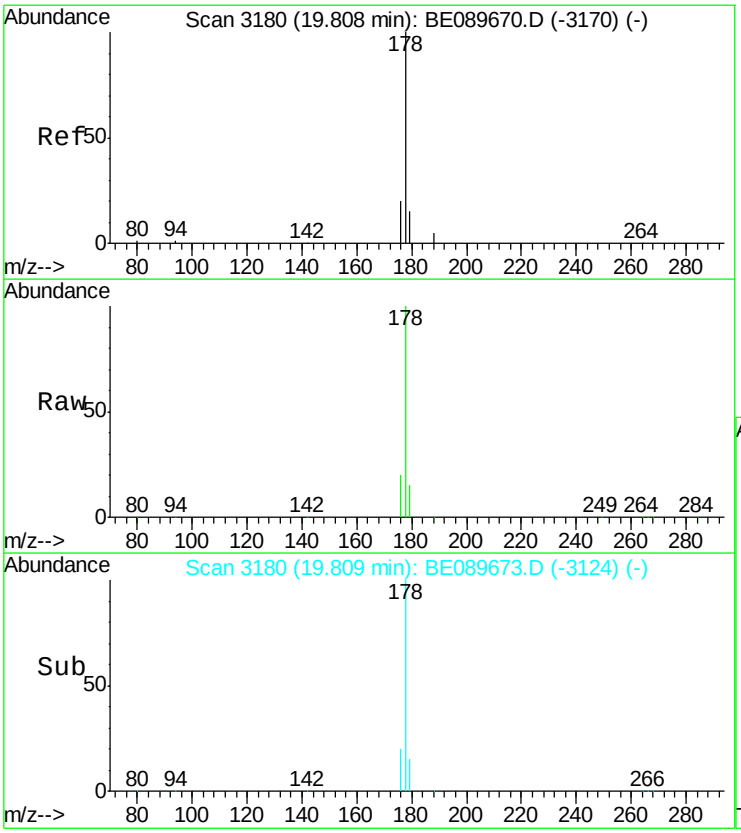
#15
Pentachlorophenol
Concen: 28.80 ng
RT: 19.43 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:266 Resp: 12917

Ion	Ratio	Lower	Upper
266	100		
268	60.8	56.3	84.5
264	65.8	51.8	77.8

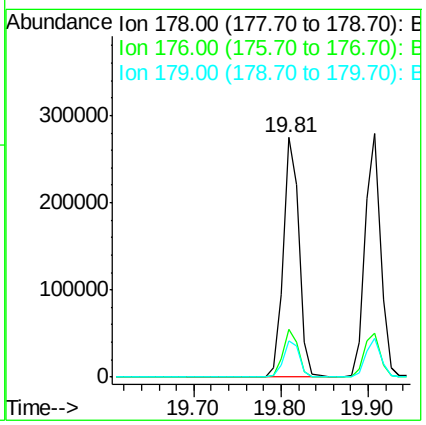


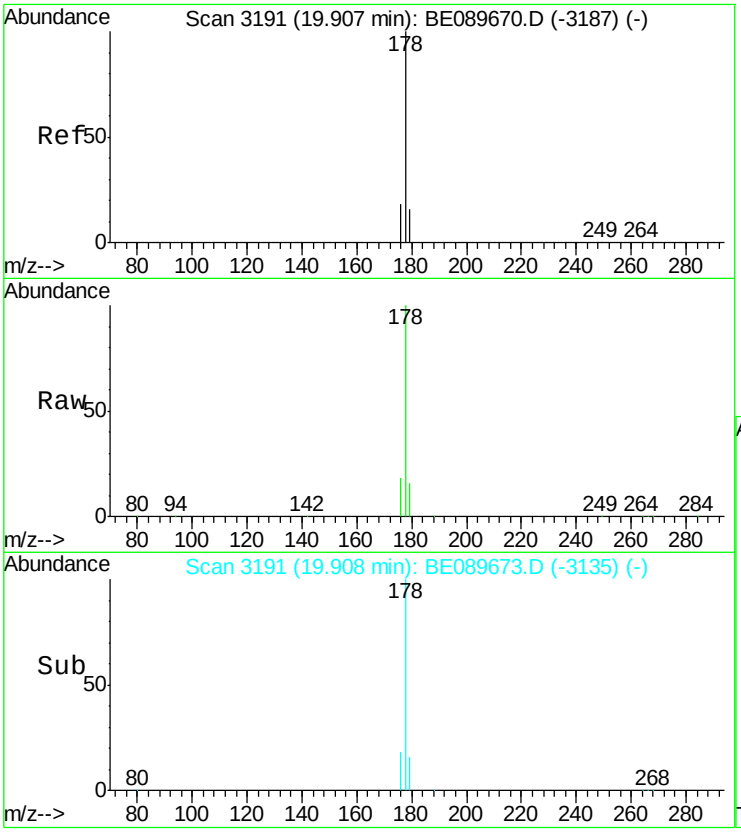


#16
Phenanthrene
Concen: 10.19 ng
RT: 19.81 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:178 Resp: 350320

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.5	18.7



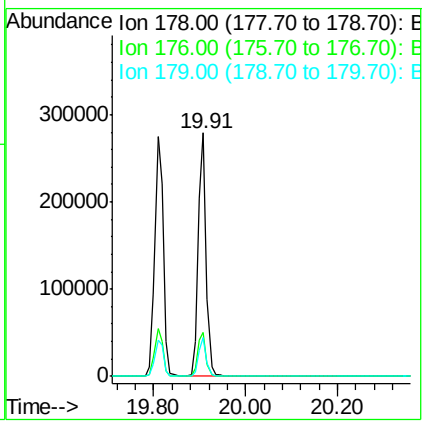


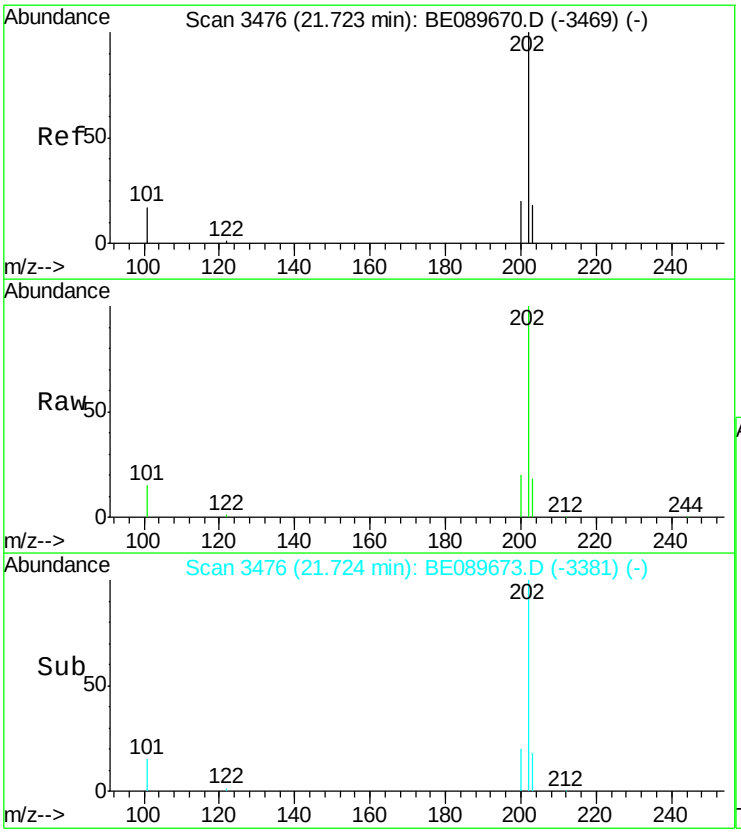
#17
Anthracene
Concen: 11.95 ng
RT: 19.91 min Scan# 3191
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:178 Resp: 341956

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.3	12.2	18.2

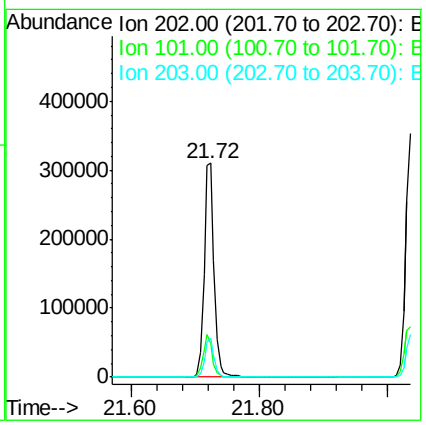


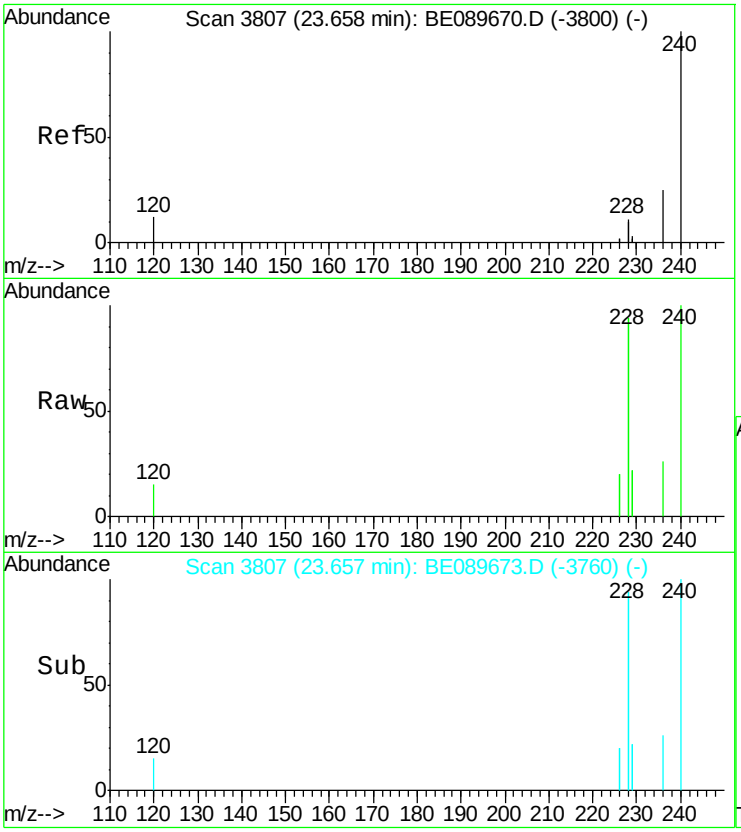


#18
Fluoranthene
Concen: 12.17 ng
RT: 21.72 min Scan# 3476
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:202 Resp: 340725

Ion	Ratio	Lower	Upper
202	100		
101	18.2	14.9	22.3
203	17.4	13.8	20.6



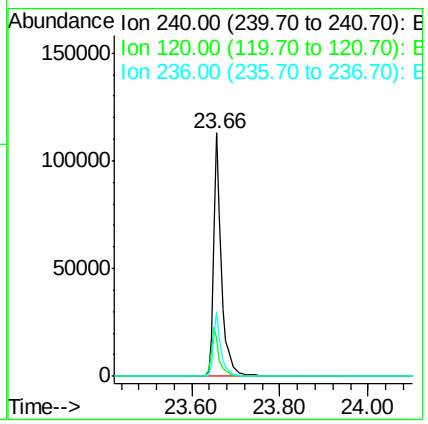


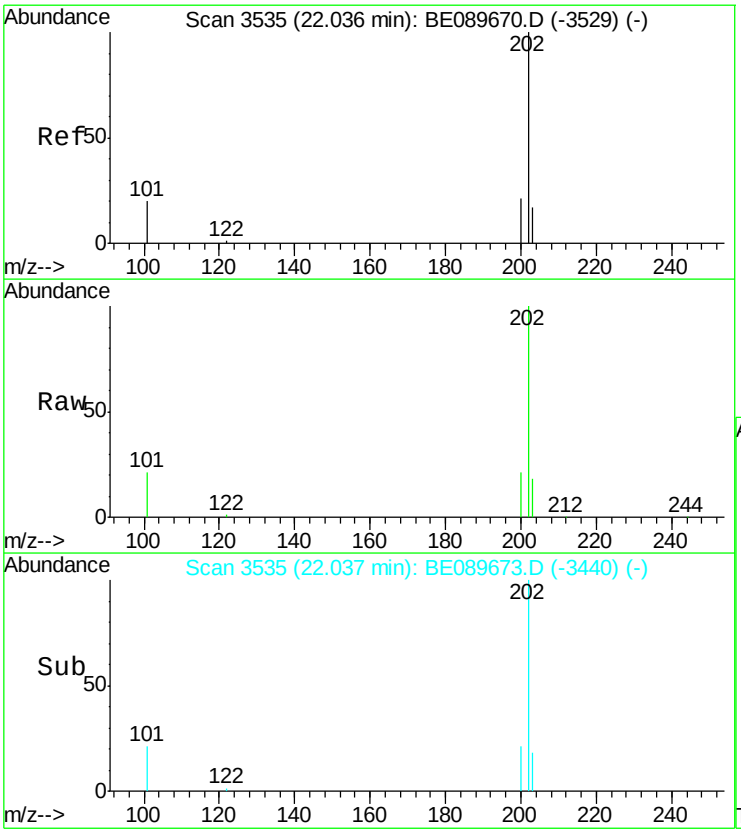
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:240 Resp: 138864

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.4	14.0#
236	26.3	19.9	29.9

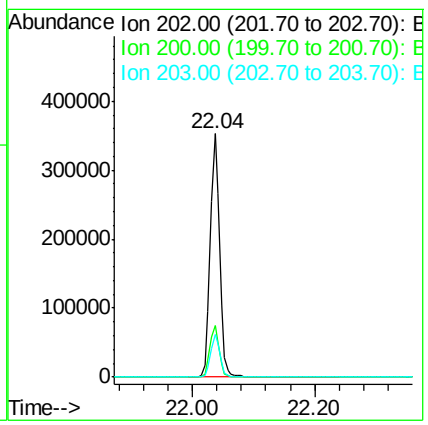


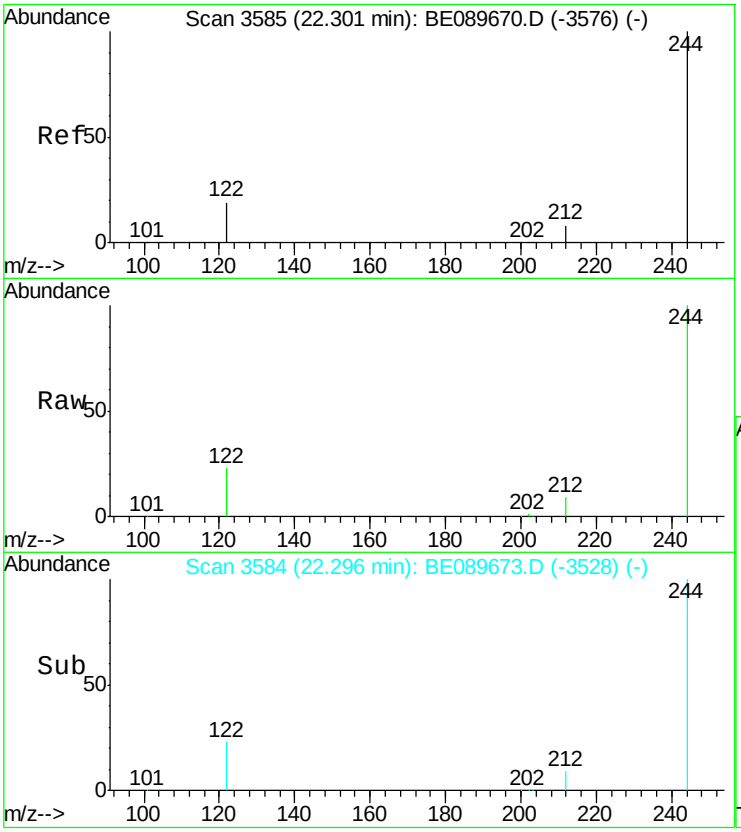


#20
Pyrene
Concen: 11.00 ng
RT: 22.04 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:202 Resp: 364756

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.4	24.6
203	17.6	13.9	20.9



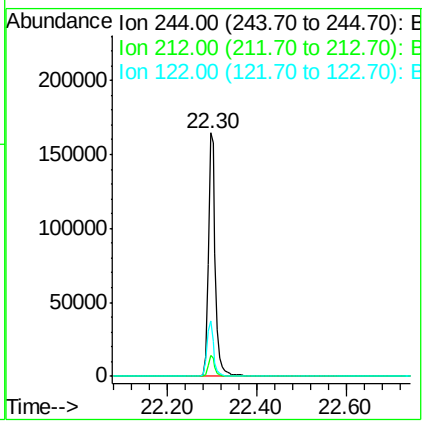


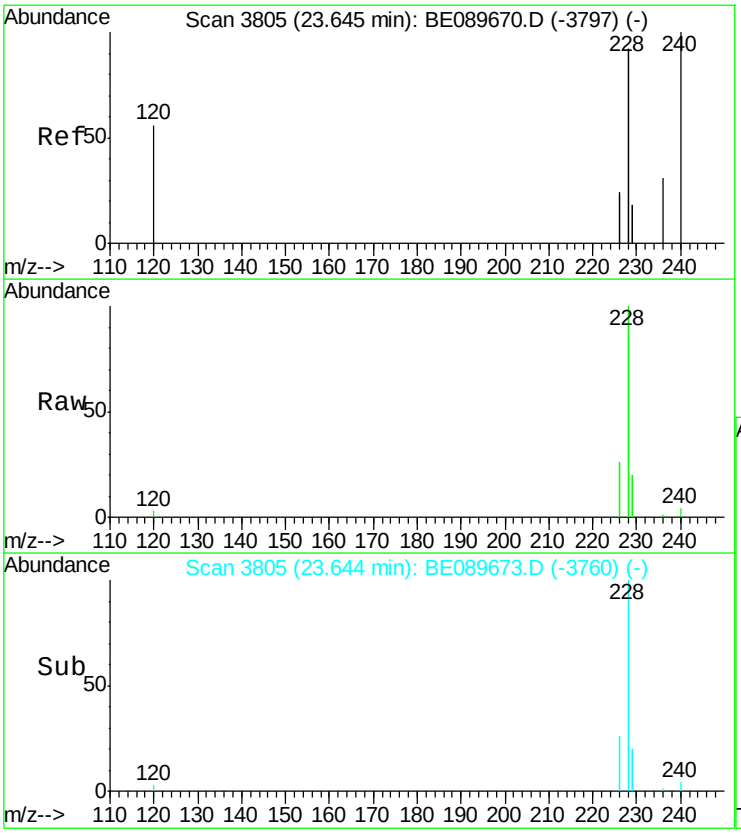
#21
Terphenyl-d14
Concen: 11.19 ng
RT: 22.30 min Scan# 3584
Delta R.T. -0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:244 Resp: 179632

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	22.7	15.4	23.0

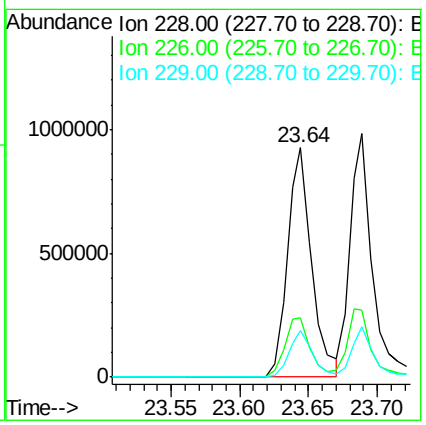


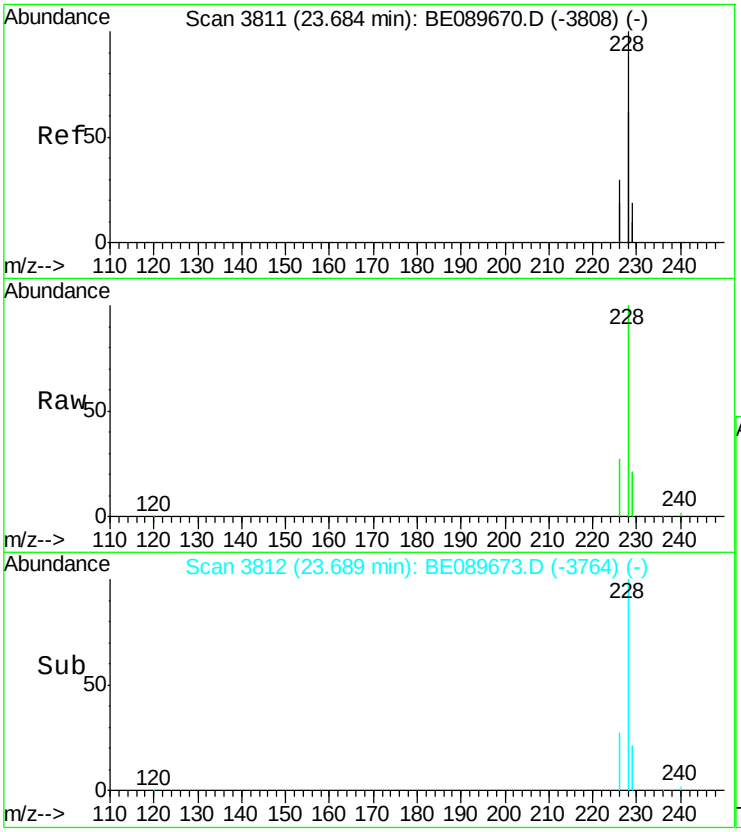


#22
Benzo(a)anthracene
Concen: 12.95 ng
RT: 23.64 min Scan# 3805
Delta R.T. -0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:228 Resp: 1140481

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.6	31.0
229	20.3	15.8	23.6



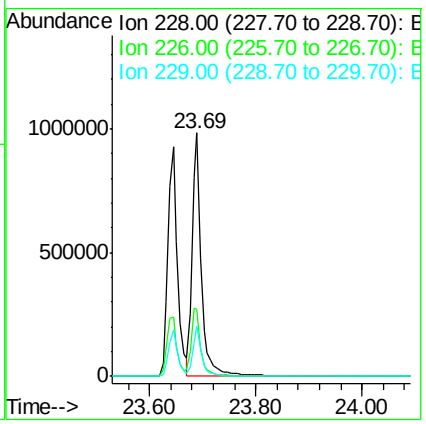


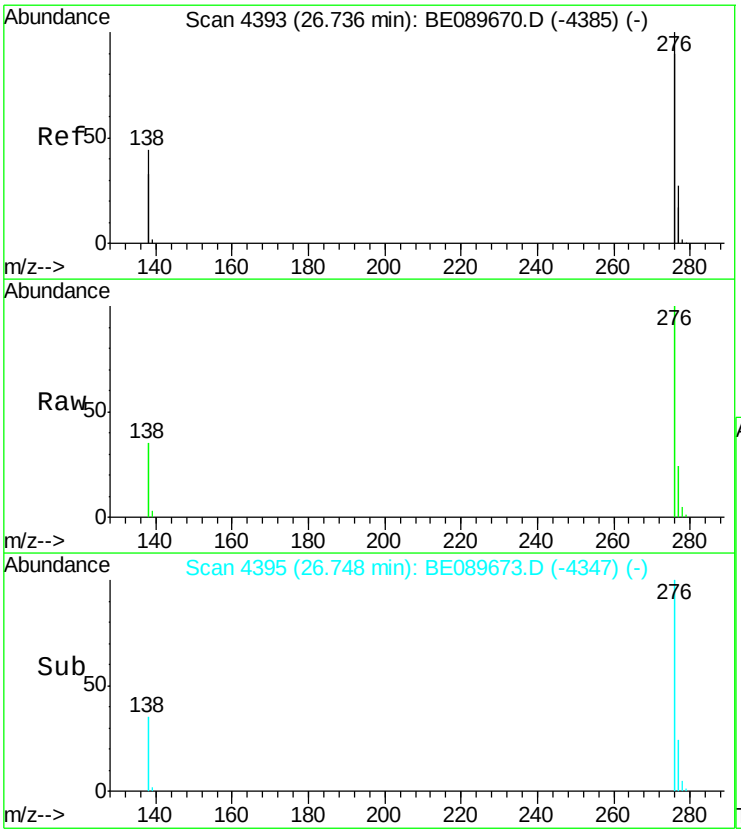
#23
Chrysene
Concen: 9.31 ng
RT: 23.69 min Scan# 3812
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1182275

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.6	35.4
229	20.6	15.3	22.9

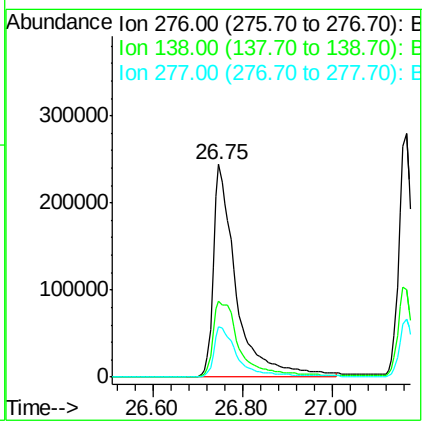


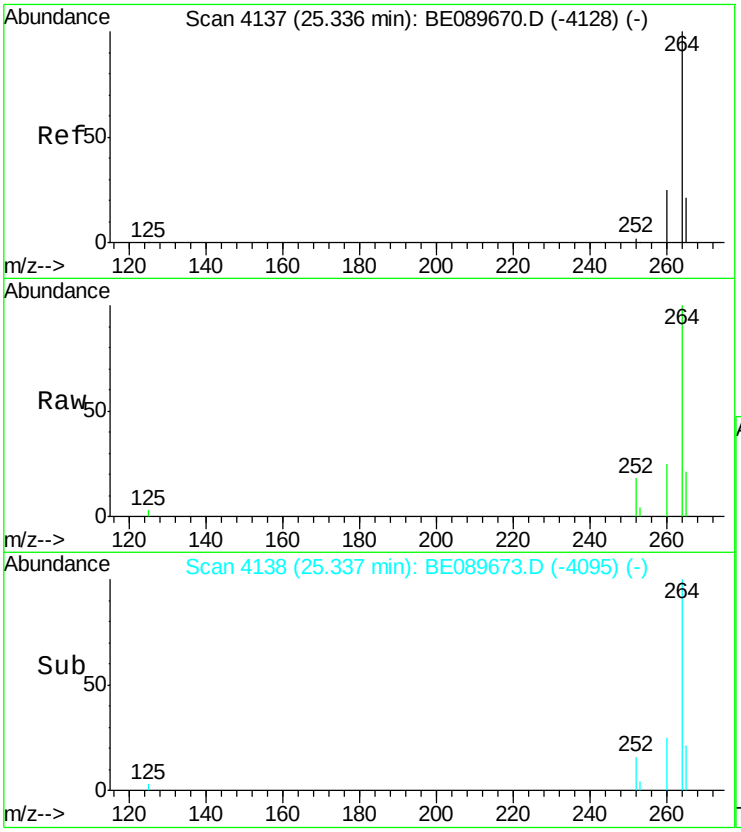


#24
Indeno(1,2,3-cd)pyrene
Concen: 23.32 ng
RT: 26.75 min Scan# 4395
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:276 Resp: 866449

Ion	Ratio	Lower	Upper
276	100		
138	42.2	0.0	0.0#
277	24.9	5.2	7.8#



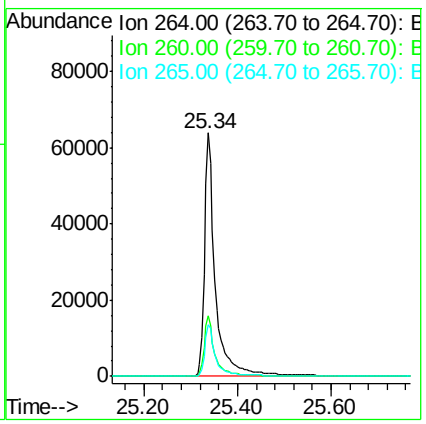


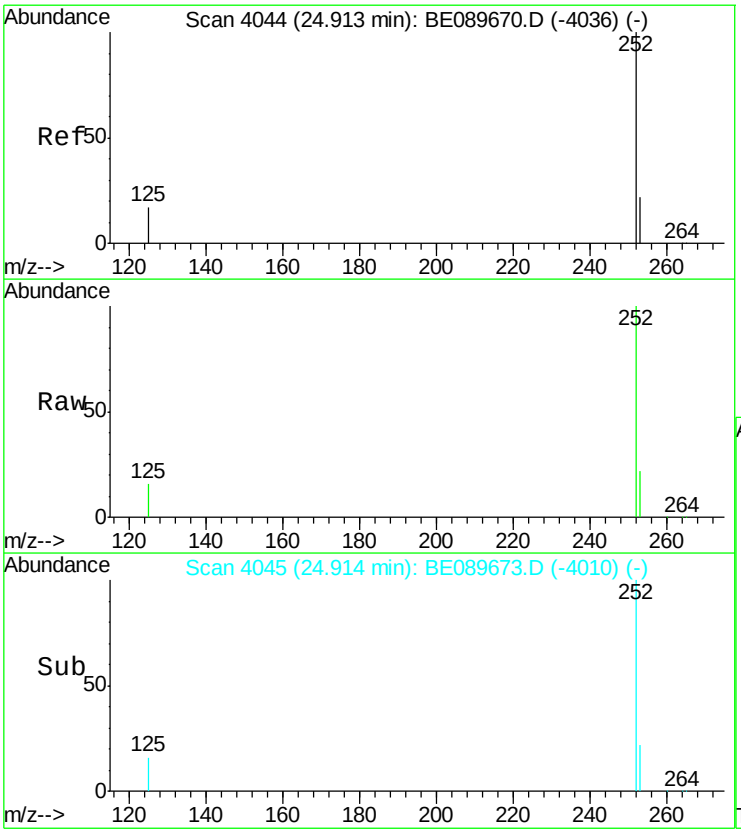
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:264 Resp: 103139

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.4
265	21.4	17.0	25.4

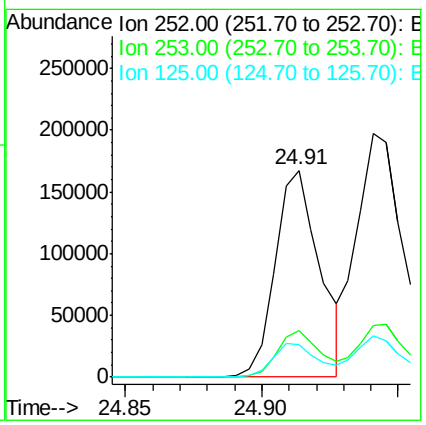


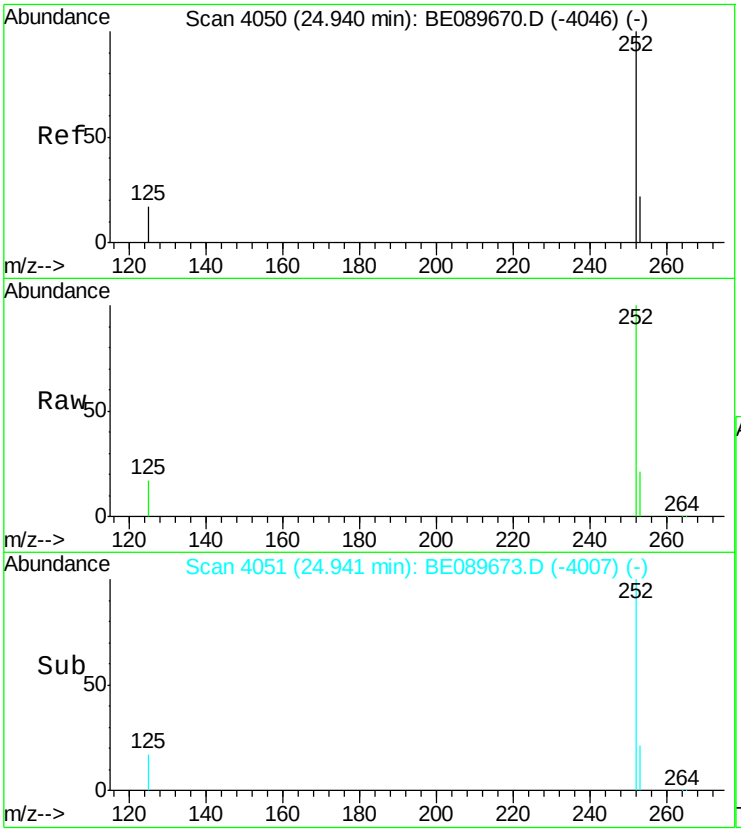


#26
Benzo(b)fluoranthene
Concen: 25.98 ng
RT: 24.91 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:252 Resp: 190022

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	15.9	15.0	22.6



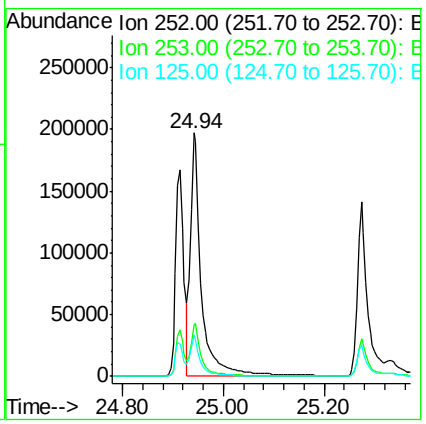


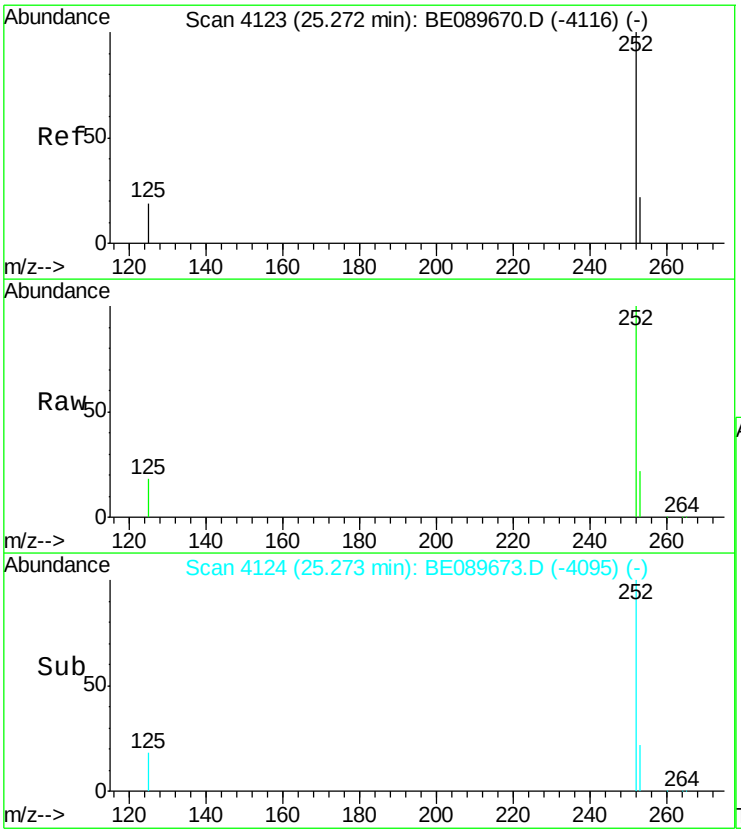
#27
Benzo(k)fluoranthene
Concen: 13.59 ng
RT: 24.94 min Scan# 4051
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:252 Resp: 298559

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	16.9	14.3	21.5

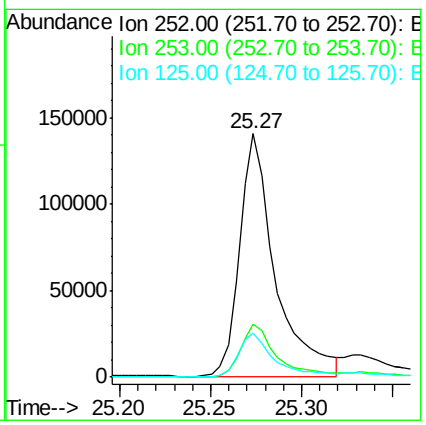


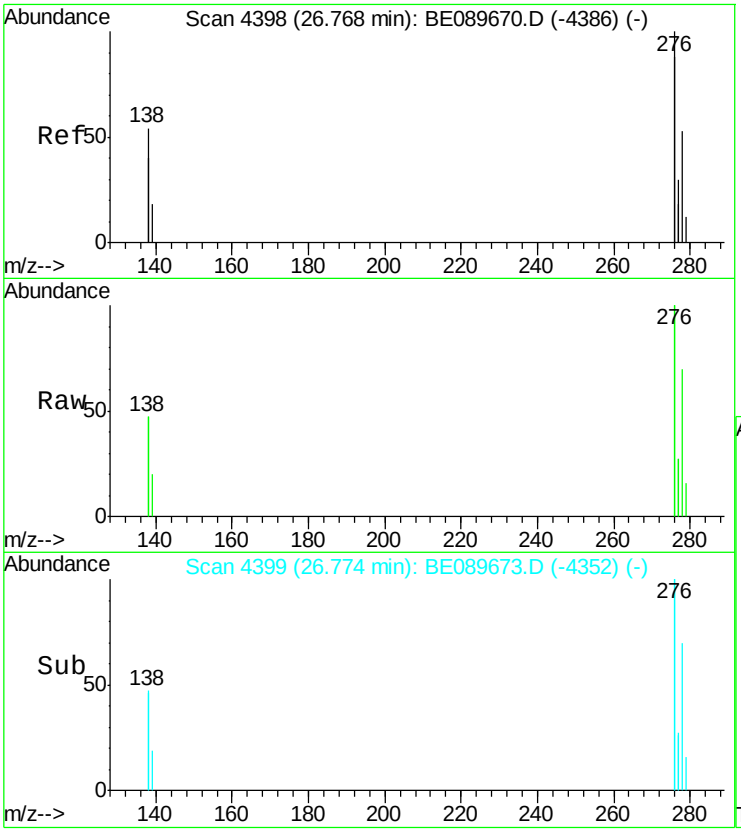


#28
Benzo(a)pyrene
Concen: 22.23 ng
RT: 25.27 min Scan# 4124
Delta R.T. 0.00 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:252 Resp: 190966

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.8	28.2
125	18.0	16.6	24.8



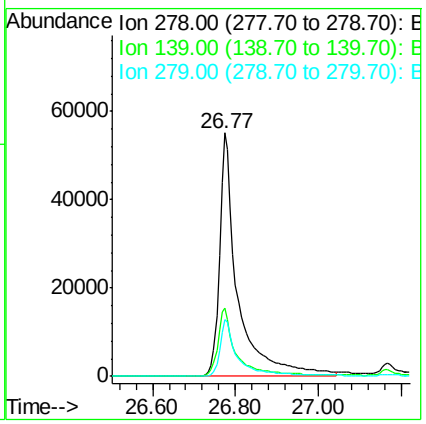


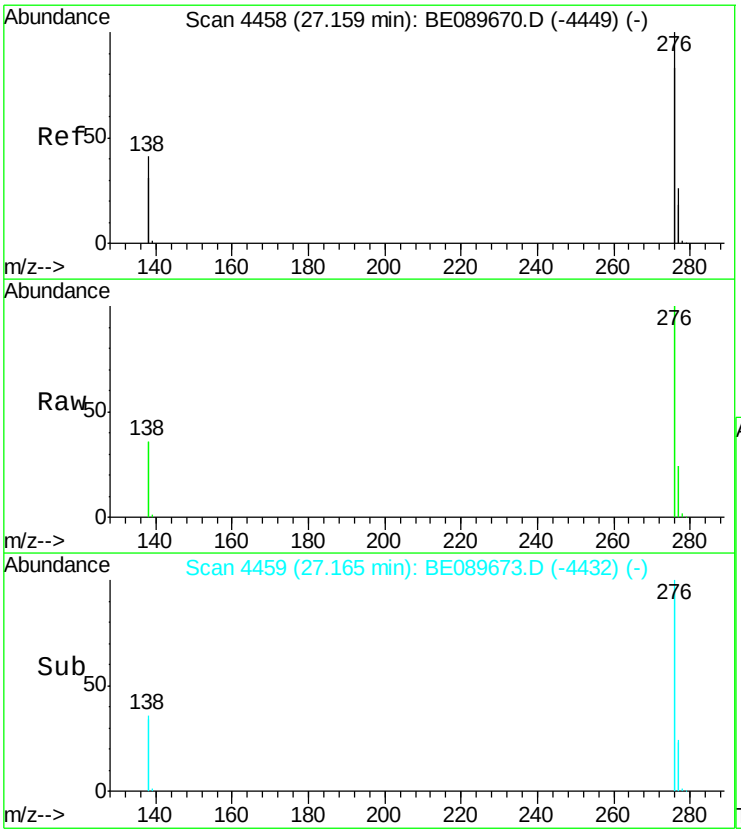
#29
Dibenzo(a,h)anthracene
Concen: 26.84 ng
RT: 26.77 min Scan# 4399
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:278 Resp: 168468

Ion	Ratio	Lower	Upper
278	100		
139	28.0	30.4	45.6#
279	23.4	22.0	33.0





#30
Benzo(g,h,i)perylene
Concen: 17.88 ng
RT: 27.16 min Scan# 4459
Delta R.T. 0.01 min
Lab File: BE089673.D
Acq: 24 Feb 2015 16:21

Tgt Ion:276 Resp: 746580

Ion	Ratio	Lower	Upper
276	100		
277	24.0	21.0	31.6
138	36.0	33.0	49.4