Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089666.D
Acq On : 24 Feb 2015 11:46
Operator : TP/JJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.1

Quant Time: Feb 24 15:05:50 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 14:51:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	45260	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	158728	5.00	ng		0.00
8) Acenaphthene-d10	16.41	164	69802	5.00	ng		0.00
13) Phenanthrene-d10	19.77	188	126209	5.00	ng		0.00
19) Chrysene-d12	23.65	240	90466	5.00	ng		0.00
25) Perylene-d12	25.34	264	68326	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.60	82	1063	0.12	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	2013	0.11	ng		0.00
21) Terphenyl-d14	22.30	244	1024	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	547	0.10	ng		93
3) n-Nitrosodimethylamine	3.38	42	9	0.00	ng	#	1
6) Naphthalene	12.29	128	3246	0.10	ng		96
7) 2-Methylnaphthalene	13.95	142	1697	0.10	ng		97
10) Acenaphthylene	16.06	152	9410	0.09	ng		99
11) Acenaphthene	16.49	154	1644	0.10	ng		87
12) Fluorene	17.74	166	1741	0.10	ng		98
14) Hexachlorobenzene	18.99	284	342	0.10	ng	#	81
15) Pentachlorophenol	19.44	266	57	0.12	ng	#	78
16) Phenanthrene	19.81	178	2863	0.11	ng		98
17) Anthracene	19.91	178	2046	0.09	ng		100
18) Fluoranthene	21.72	202	1921	0.08	ng		99
20) Pyrene	22.04	202	2124	0.10	ng		99
22) Benzo(a)anthracene	23.65	228	5739	0.10	ng		94
23) Chrysene	23.68	228	9133	0.11	ng		96
24) Indeno(1,2,3-cd)pyrene	26.74	276	1059	0.03	ng	#	38
26) Benzo(b)fluoranthene	24.91	252	320	0.05	ng	#	71
27) Benzo(k)fluoranthene	24.94	252	646	0.04	ng	#	74
28) Benzo(a)pyrene	25.27	252	353	0.05	ng	#	64
29) Dibenzo(a,h)anthracene	26.77	278	166	0.03	ng	#	56
30) Benzo(g,h,i)perylene	27.15	276	1347	0.04	ng	#	61

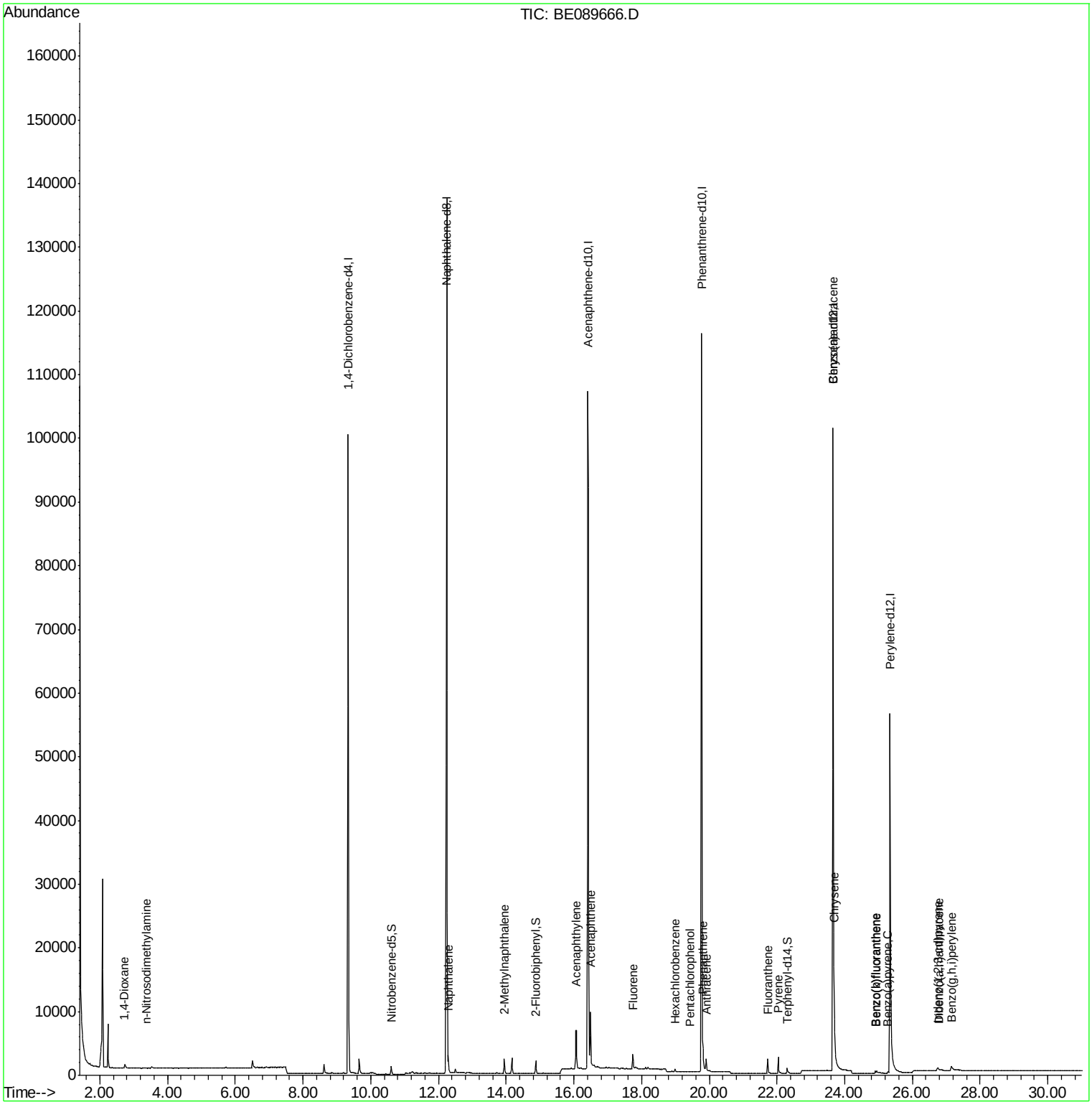
(#) = qualifier out of range (m) = manual integration (+) = signals summed

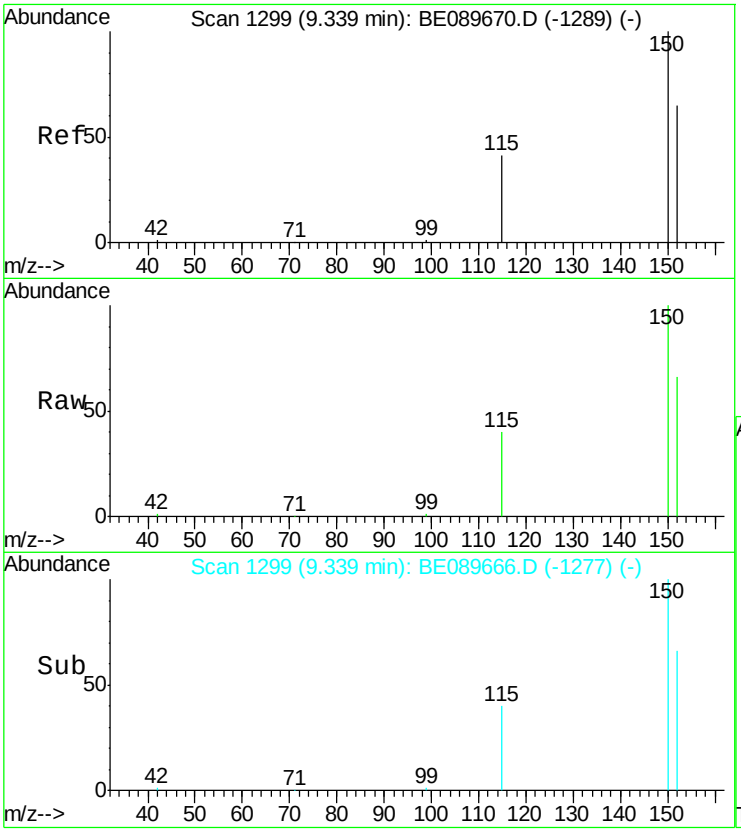
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089666.D
Acq On : 24 Feb 2015 11:46
Operator : TP/JJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Quant Time: Feb 24 15:05:50 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 14:51:37 2015
Response via : Initial Calibration



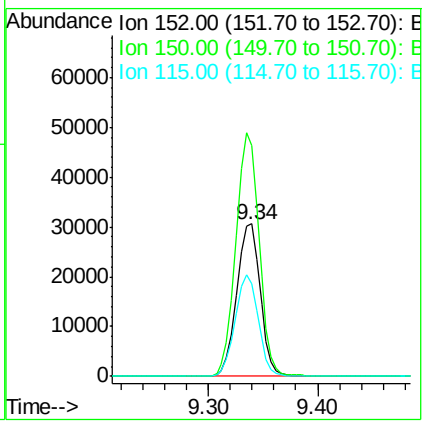


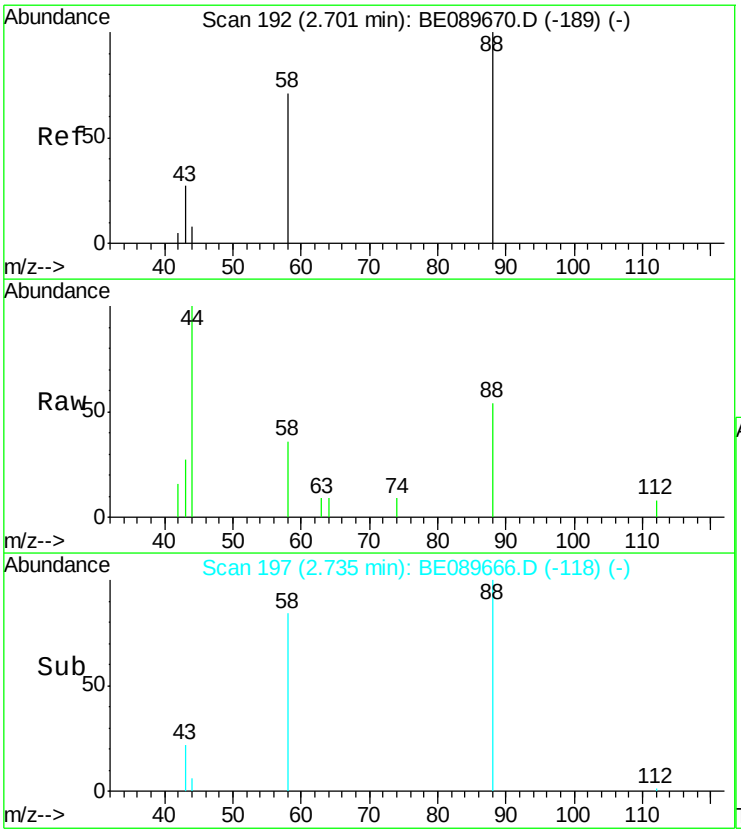
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 45260

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.4	185.0
115	60.7	50.8	76.2

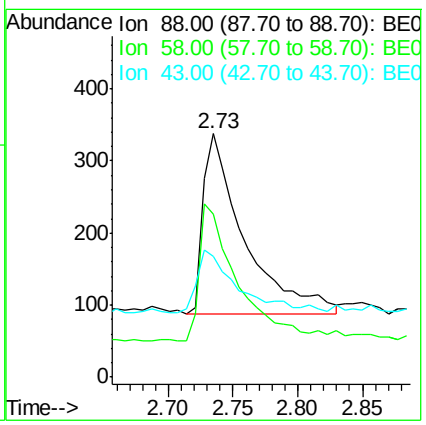


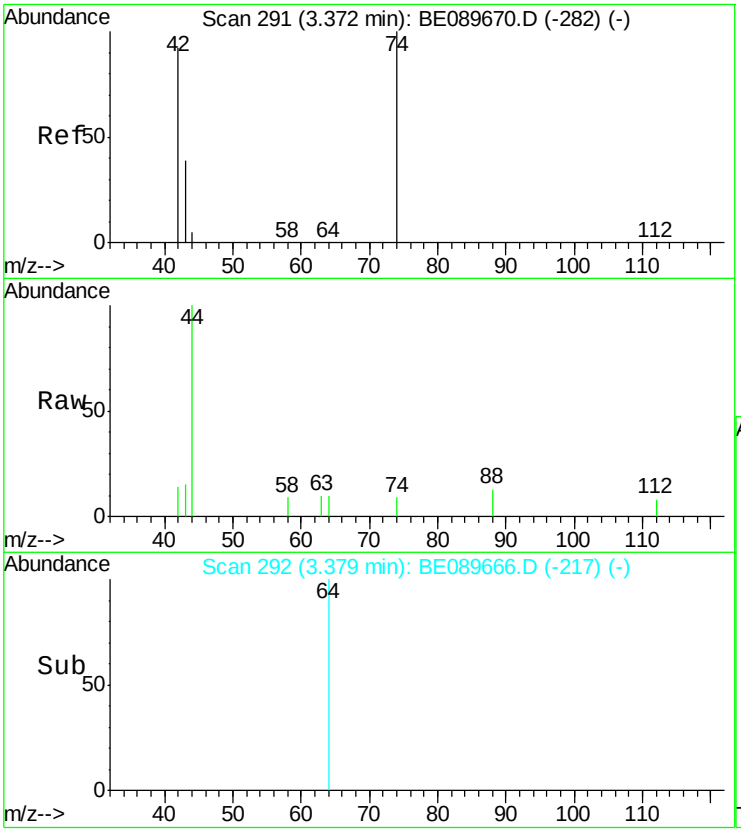


#2
1,4-Dioxane
Concen: 0.10 ng
RT: 2.73 min Scan# 197
Delta R.T. 0.03 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion: 88 Resp: 547

Ion	Ratio	Lower	Upper
88	100		
58	69.3	62.4	93.6
43	34.0	26.6	40.0



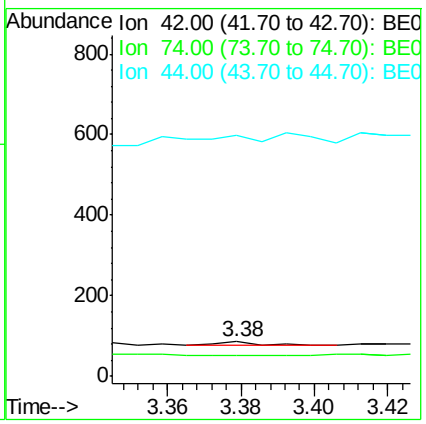


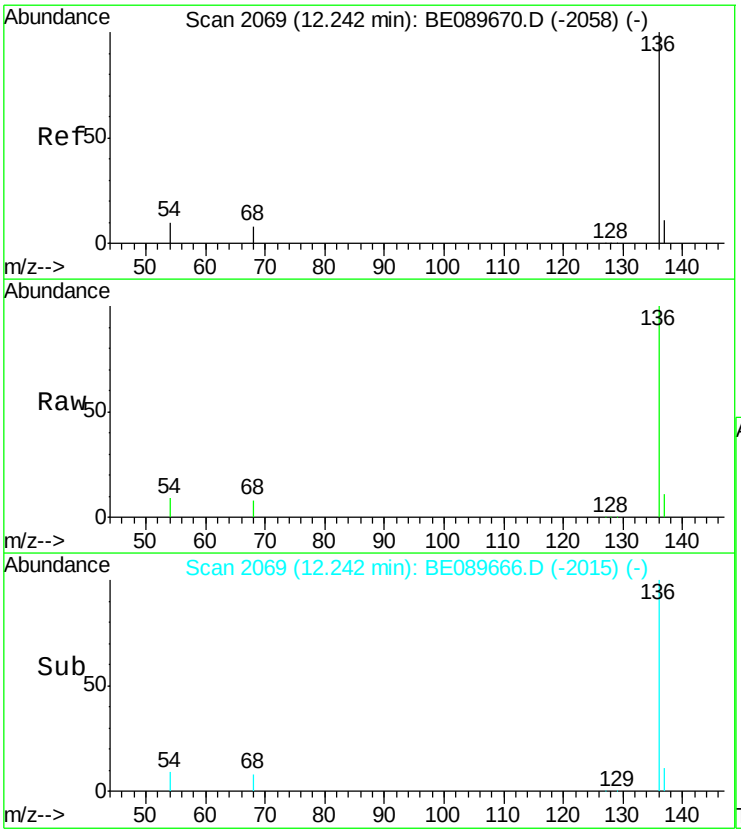
#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.38 min Scan# 292
Delta R.T. 0.01 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 9

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.1	136.7#
44	0.0	4.7	7.1#

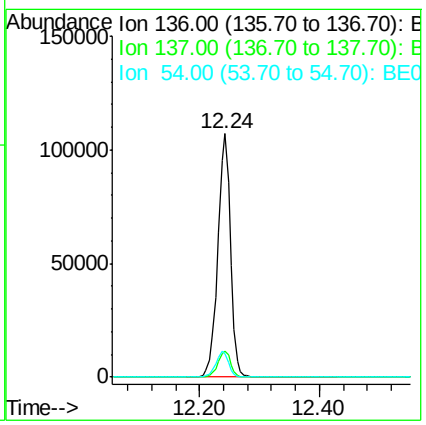


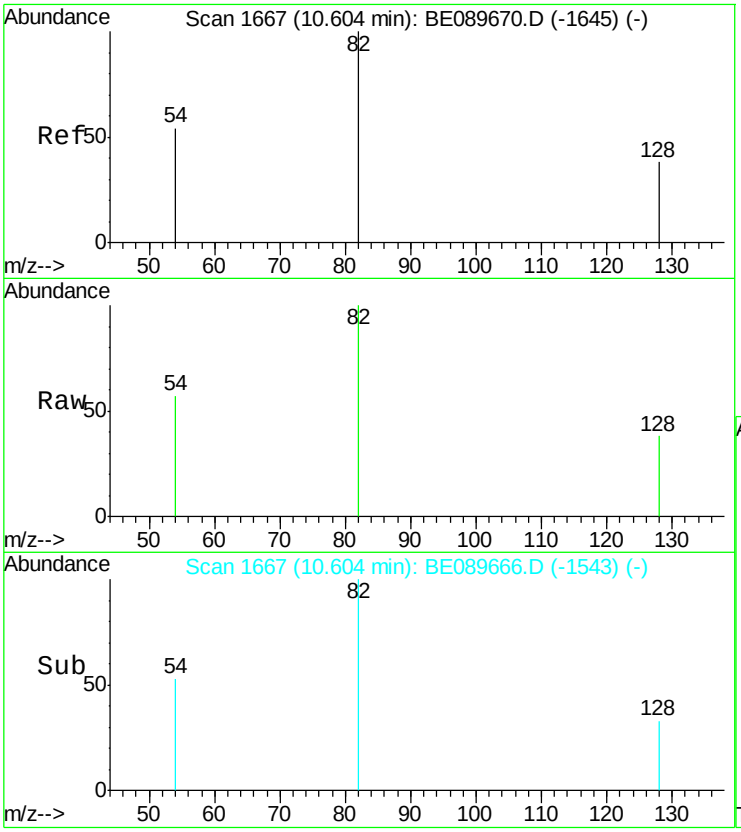


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:136 Resp: 158728

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.5	7.8	11.8



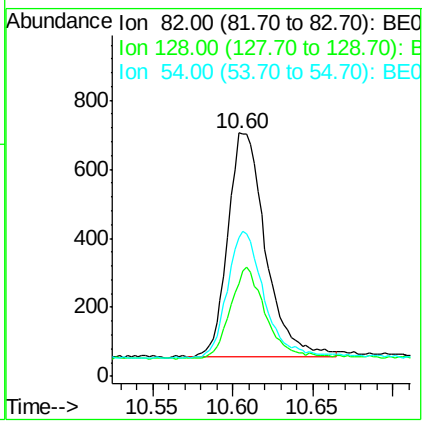


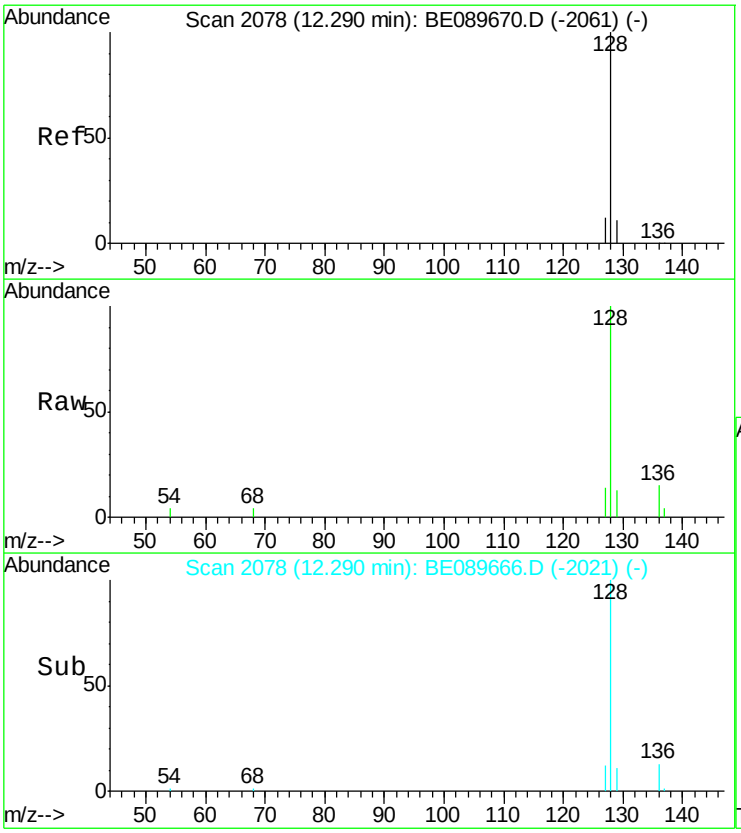
#5
Nitrobenzene-d5
Concen: 0.12 ng
RT: 10.60 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1063

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	46.0
54	56.9	43.6	65.4

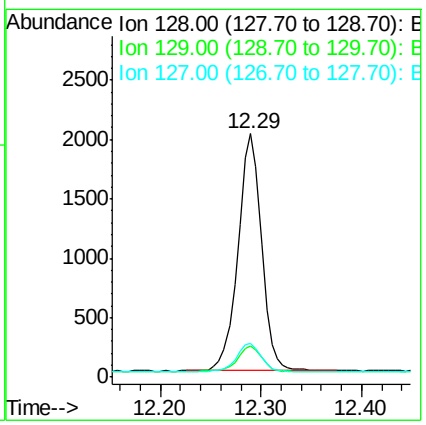


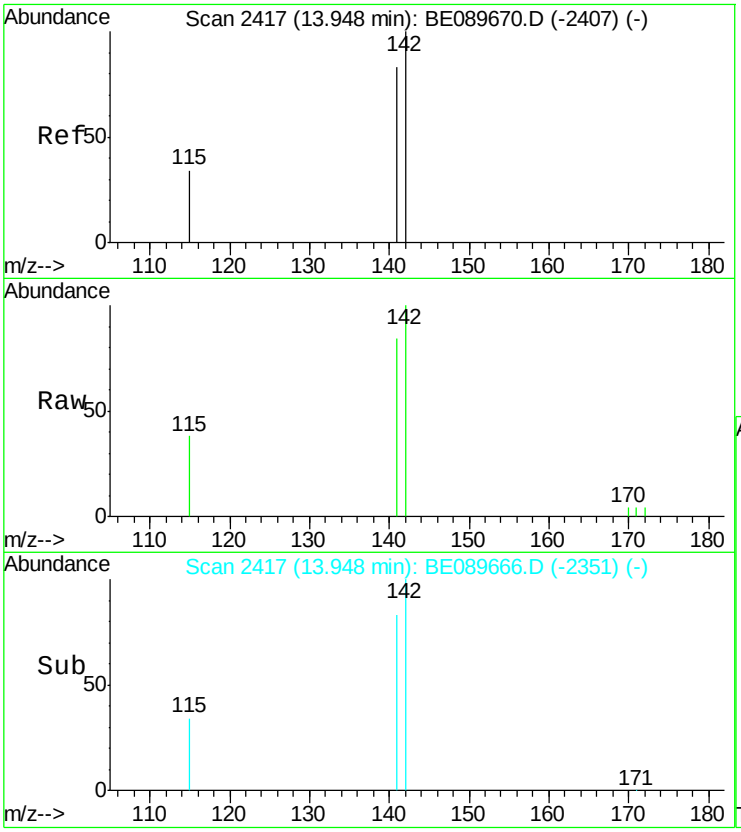


#6
Naphthalene
Concen: 0.10 ng
RT: 12.29 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:128 Resp: 3246

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.9	13.3
127	13.7	9.7	14.5



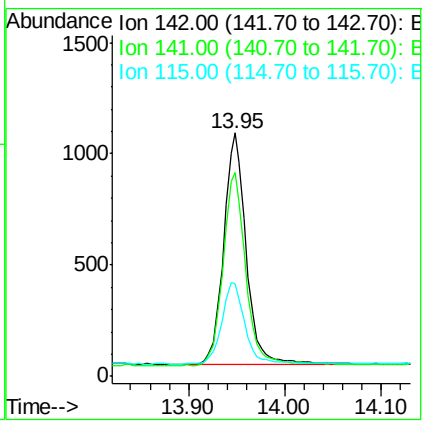


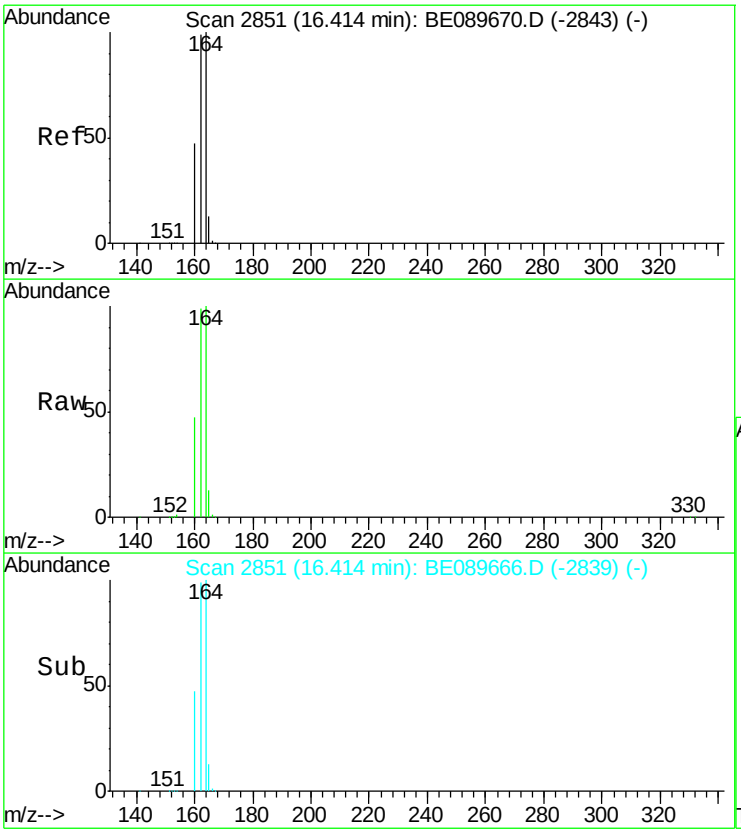
#7
2-Methylnaphthalene
Concen: 0.10 ng
RT: 13.95 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1697

Ion	Ratio	Lower	Upper
142	100		
141	83.7	66.0	99.0
115	38.2	27.4	41.0

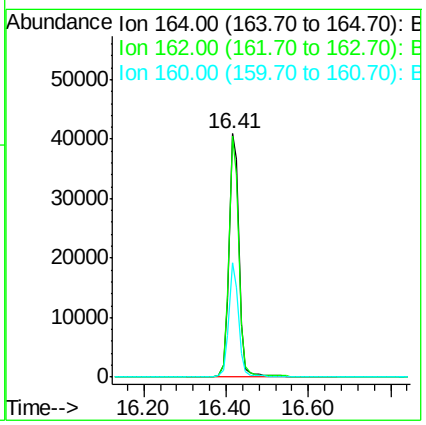


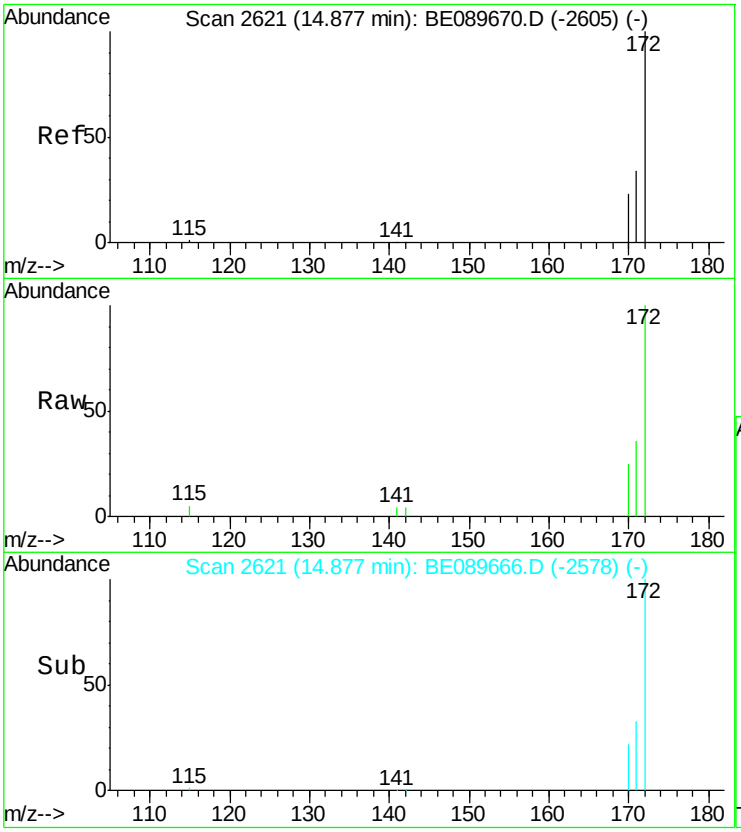


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.41 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:164 Resp: 69802

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.2
160	47.0	37.6	56.4



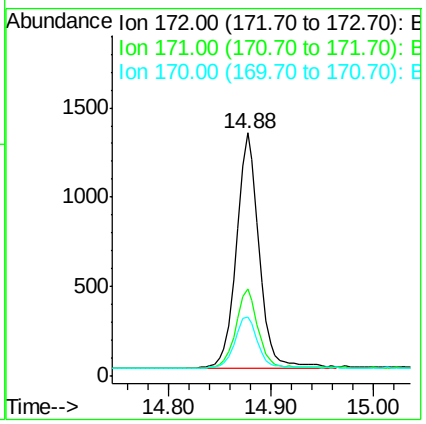


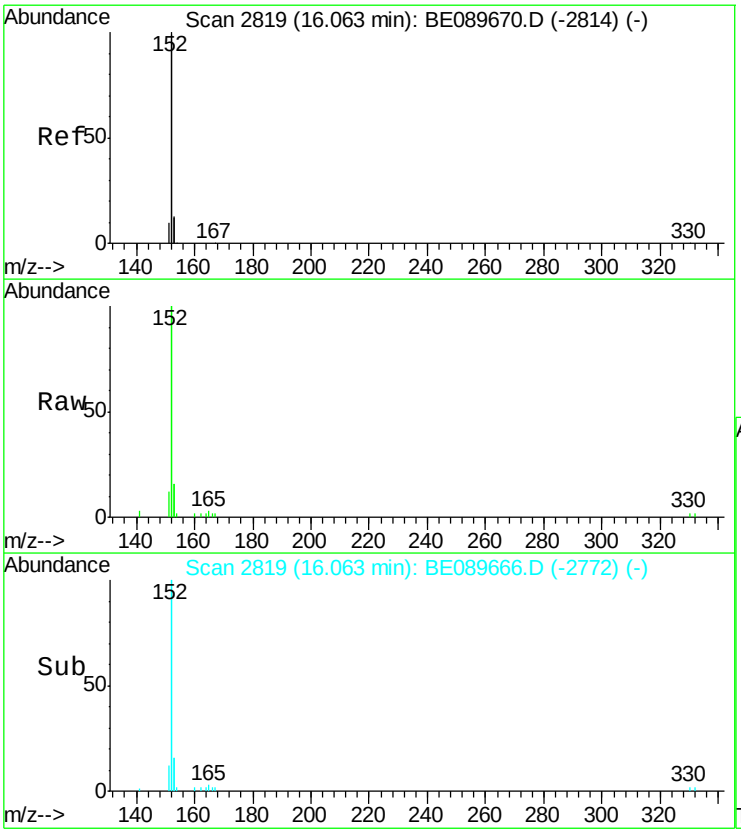
#9
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 14.88 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2013

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	24.6	18.5	27.7

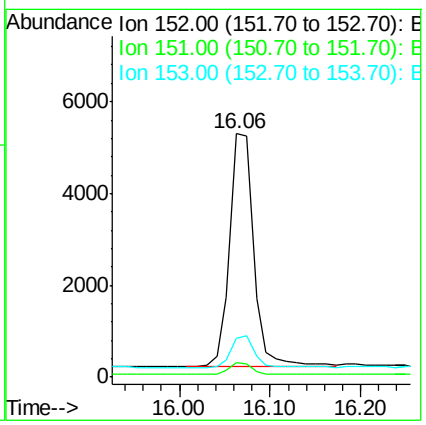


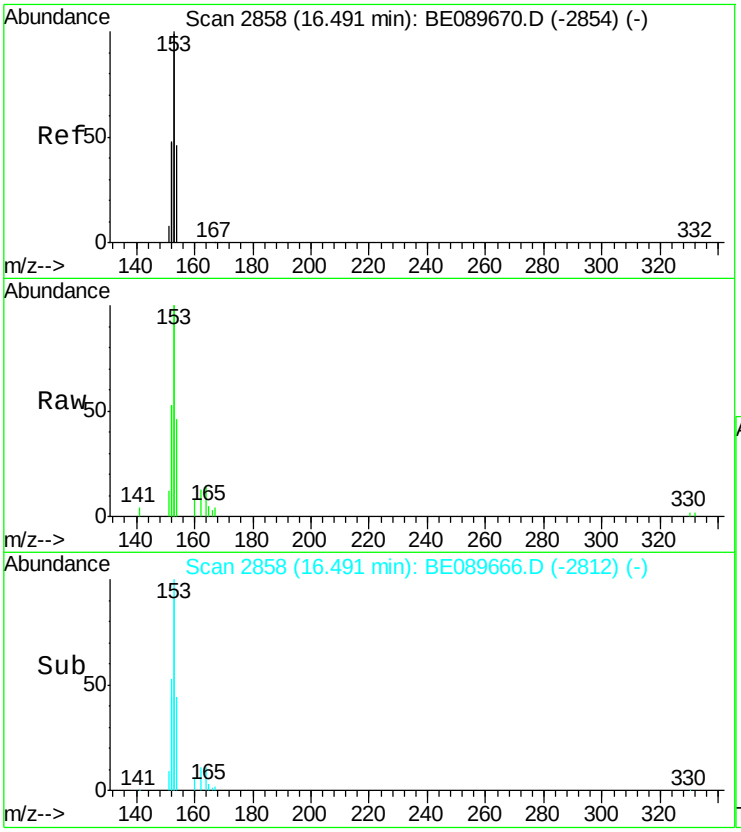


#10
Acenaphthylene
Concen: 0.09 ng
RT: 16.06 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:152 Resp: 9410

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.6
153	13.6	10.4	15.6



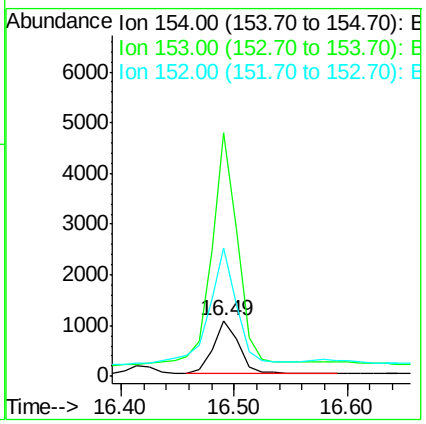


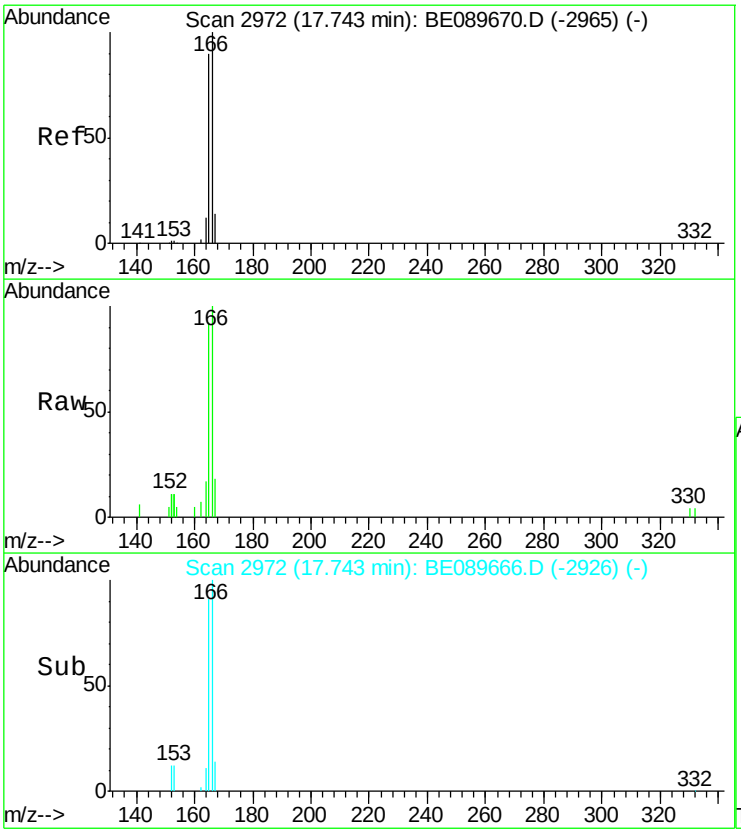
#11
Acenaphthene
Concen: 0.10 ng
RT: 16.49 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1644

Ion	Ratio	Lower	Upper
154	100		
153	455.4	345.8	518.8
152	242.3	168.6	252.8

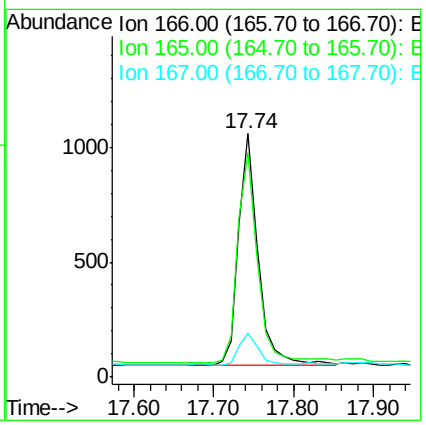


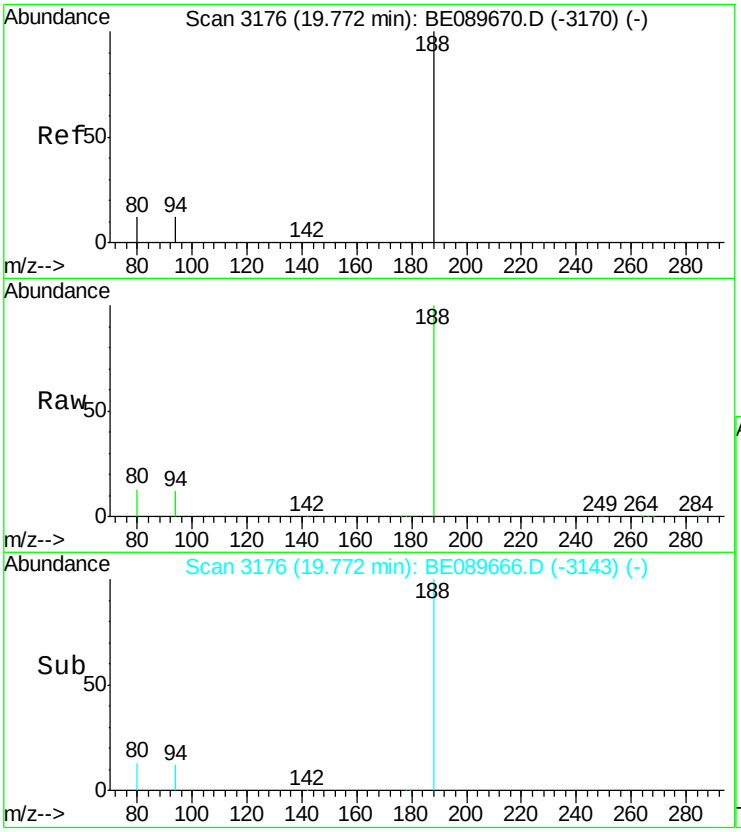


#12
Fluorene
Concen: 0.10 ng
RT: 17.74 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:166 Resp: 1741

Ion	Ratio	Lower	Upper
166	100		
165	89.7	73.6	110.4
167	13.0	10.6	16.0



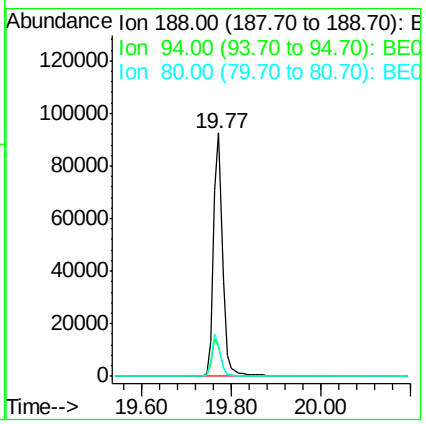


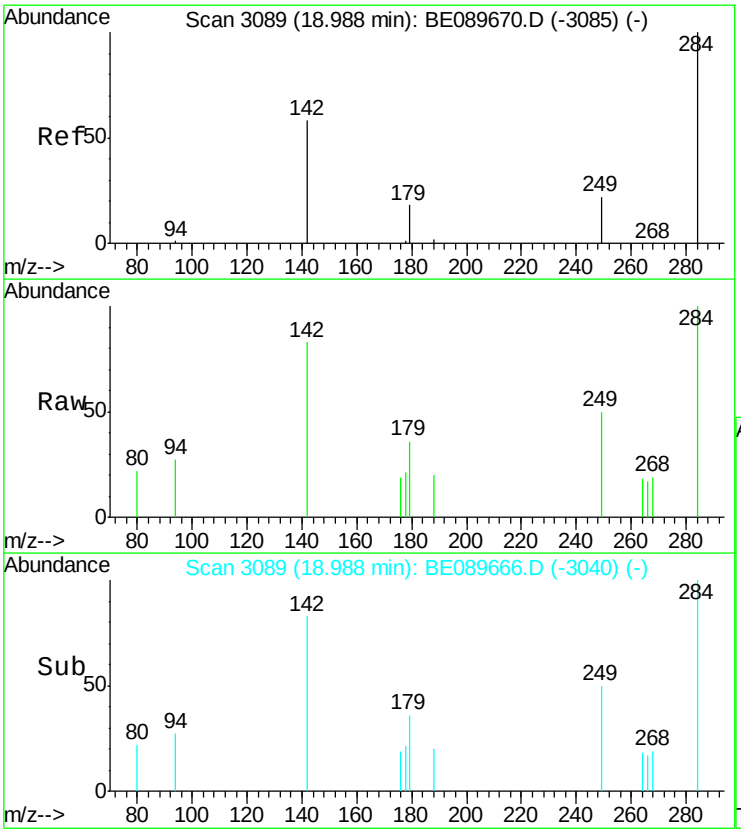
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 126209

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.6	9.5	14.3

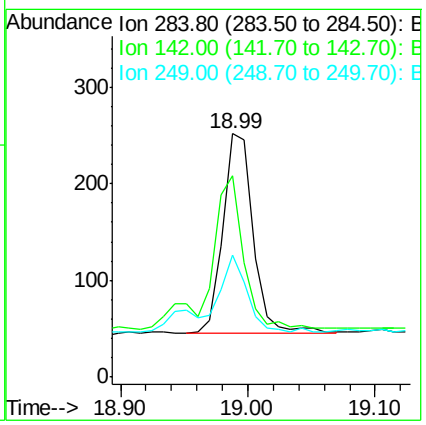


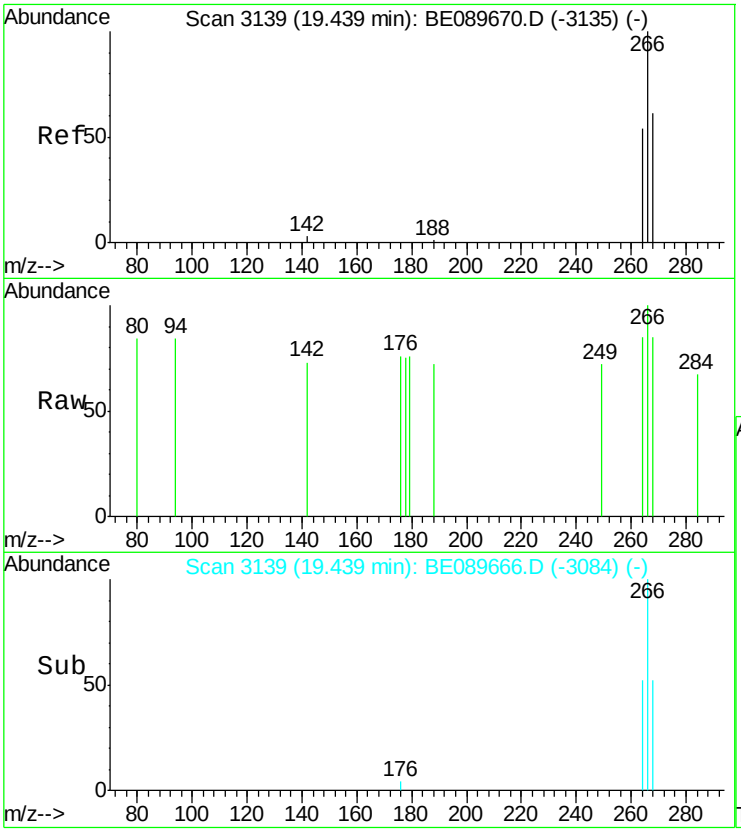


#14
Hexachlorobenzene
Concen: 0.10 ng
RT: 18.99 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:284 Resp: 342

Ion	Ratio	Lower	Upper
284	100		
142	85.7	55.4	83.2#
249	43.9	27.2	40.8#



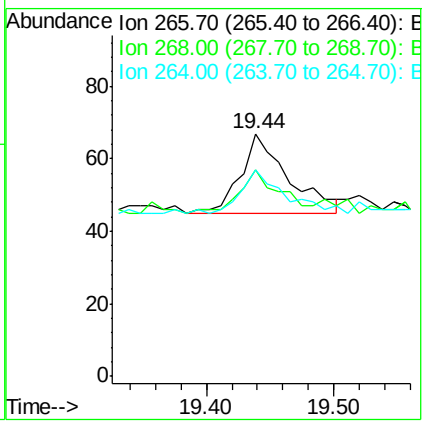


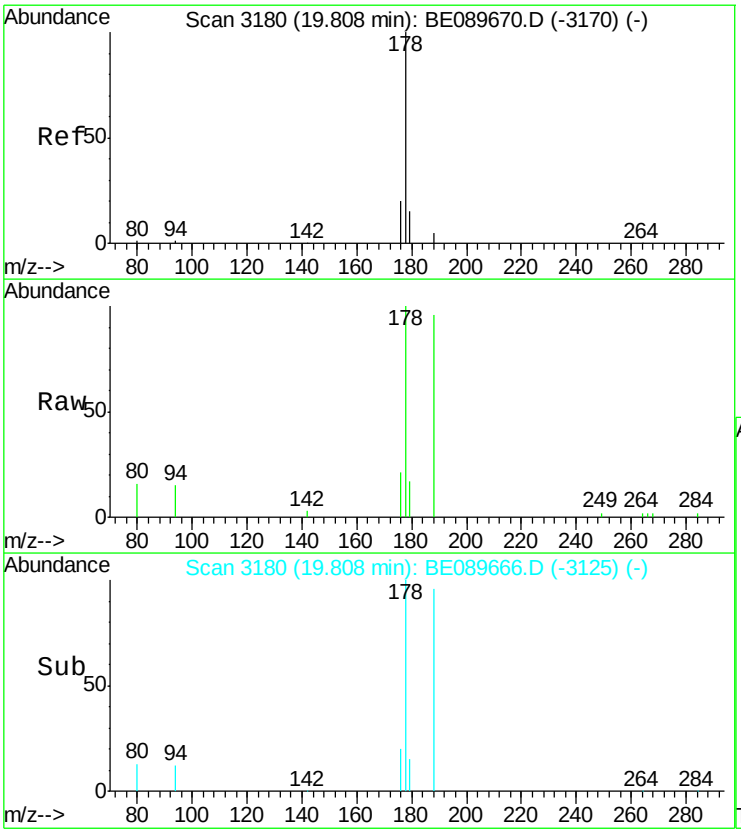
#15
Pentachlorophenol
Concen: 0.12 ng
RT: 19.44 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
268	85.1	56.3	84.5#
264	85.1	51.8	77.8#

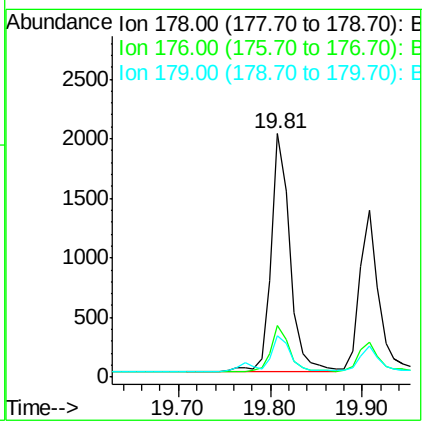


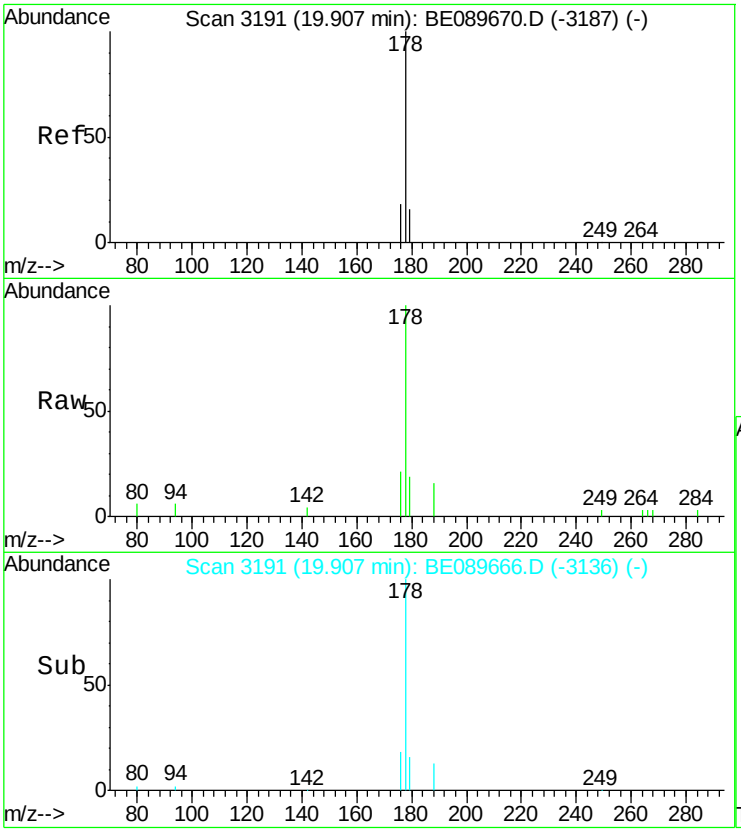


#16
Phenanthrene
Concen: 0.11 ng
RT: 19.81 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:178 Resp: 2863

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	14.5	12.5	18.7



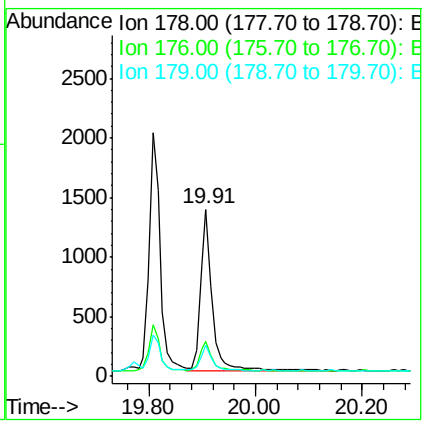


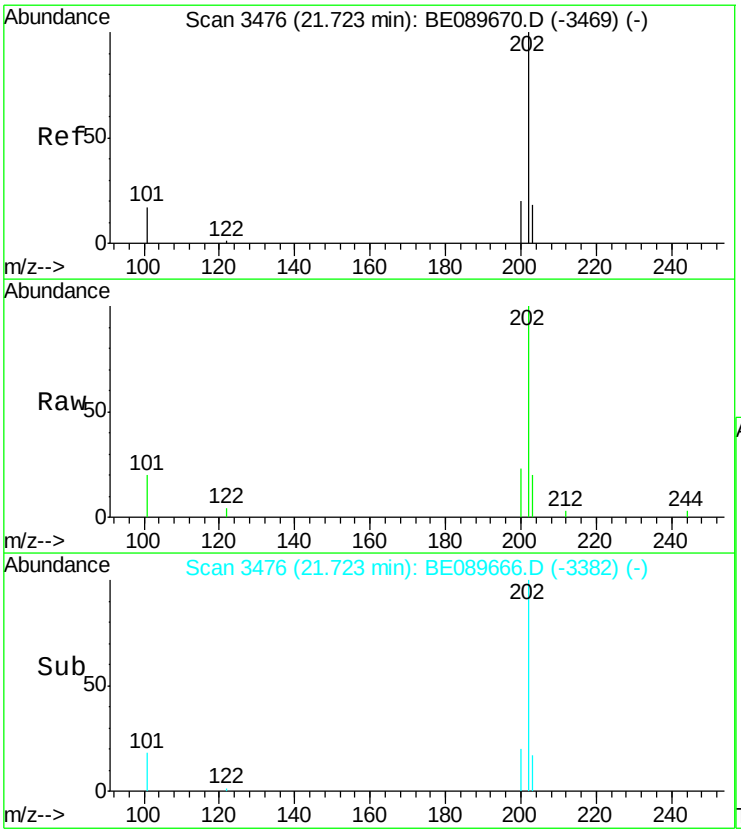
#17
Anthracene
Concen: 0.09 ng
RT: 19.91 min Scan# 3191
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2046

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	12.2	18.2

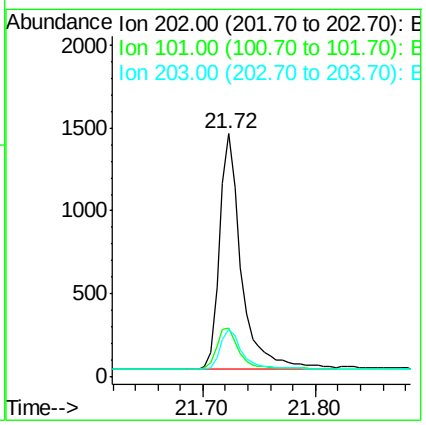


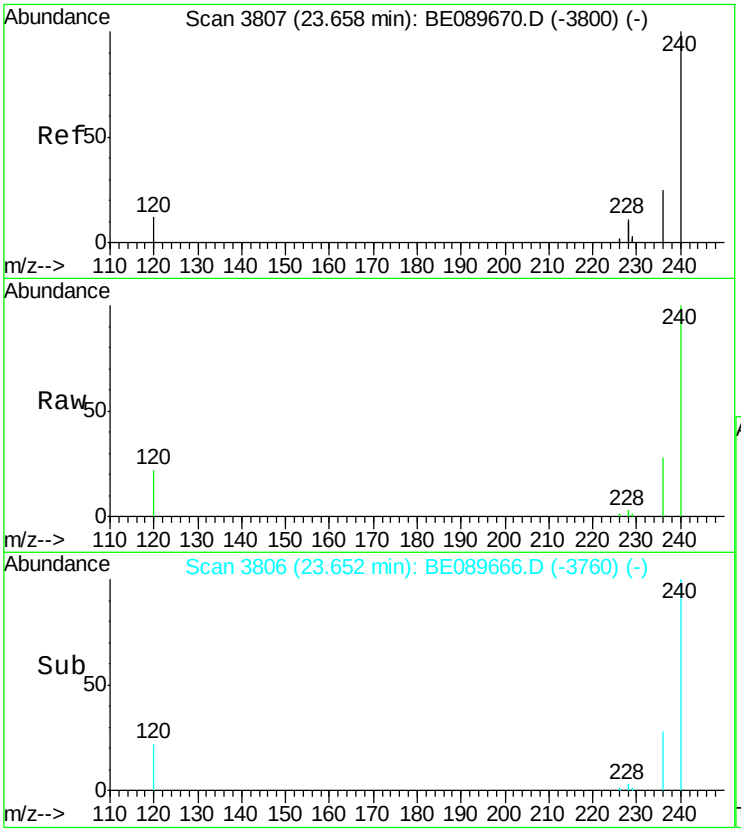


#18
Fluoranthene
Concen: 0.08 ng
RT: 21.72 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:202 Resp: 1921

Ion	Ratio	Lower	Upper
202	100		
101	18.1	14.9	22.3
203	17.5	13.8	20.6



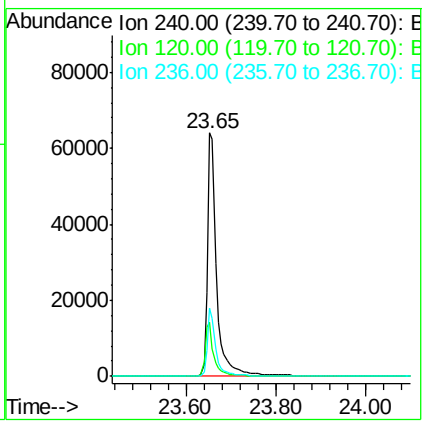


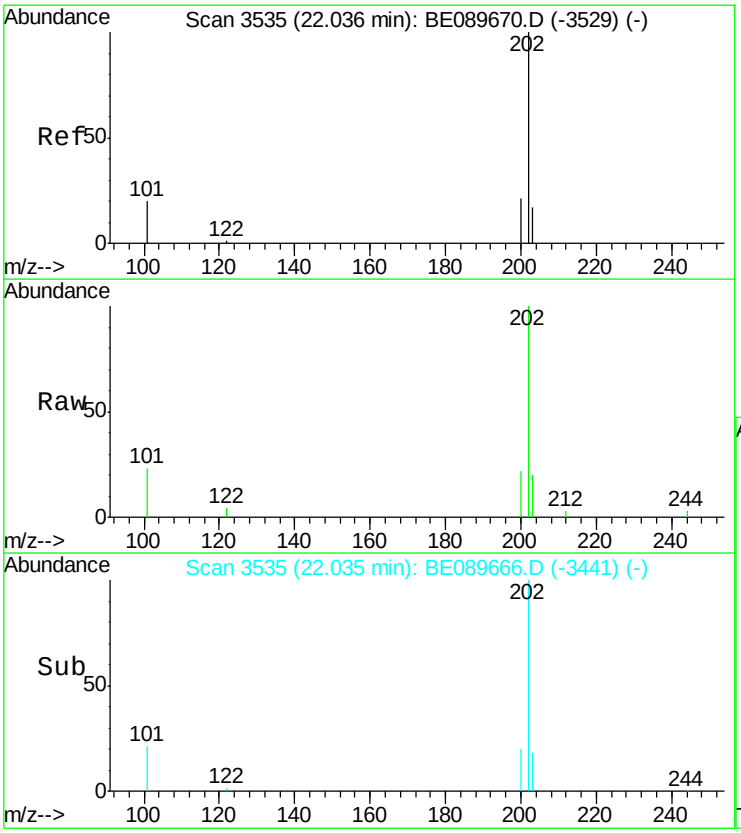
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 90466

Ion	Ratio	Lower	Upper
240	100		
120	22.4	9.4	14.0#
236	27.8	19.9	29.9

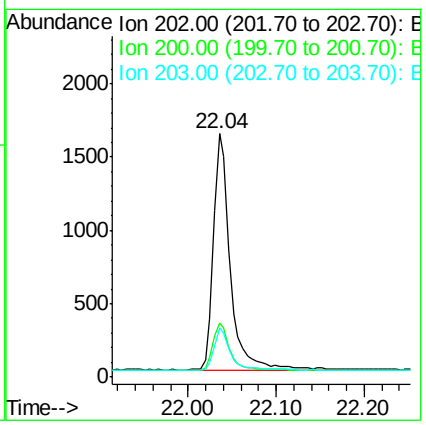


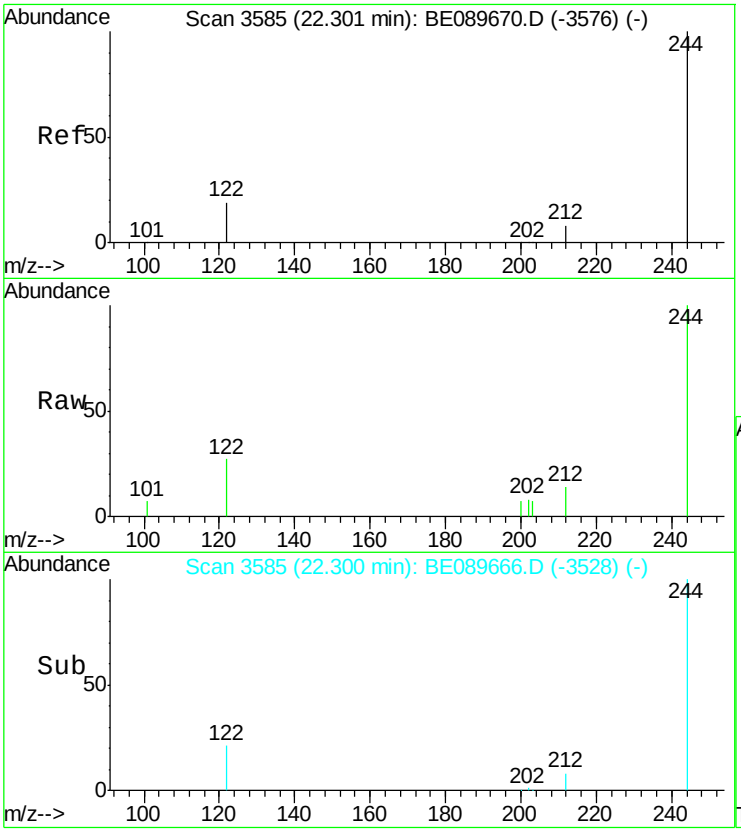


#20
Pyrene
Concen: 0.10 ng
RT: 22.04 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:202 Resp: 2124

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	16.9	13.9	20.9



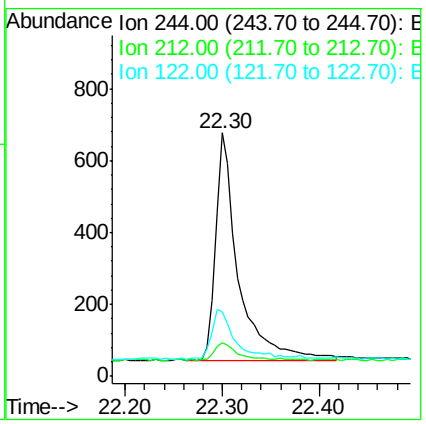


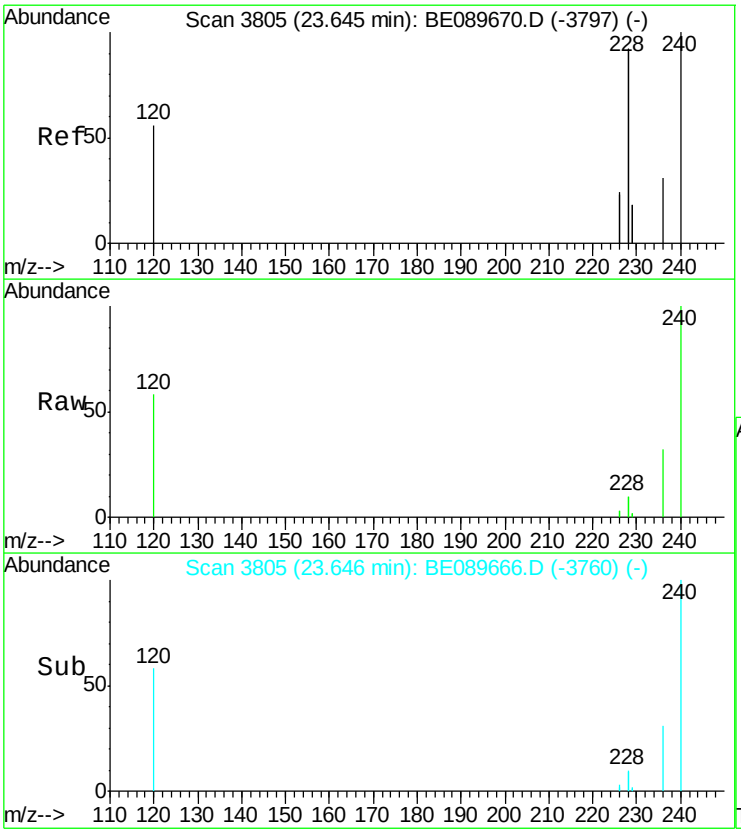
#21
Terphenyl-d14
Concen: 0.09 ng
RT: 22.30 min Scan# 3585
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1024

Ion	Ratio	Lower	Upper
244	100		
212	14.0	7.0	10.6#
122	26.7	15.4	23.0#

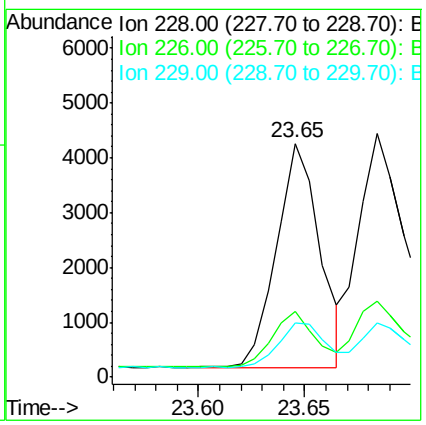


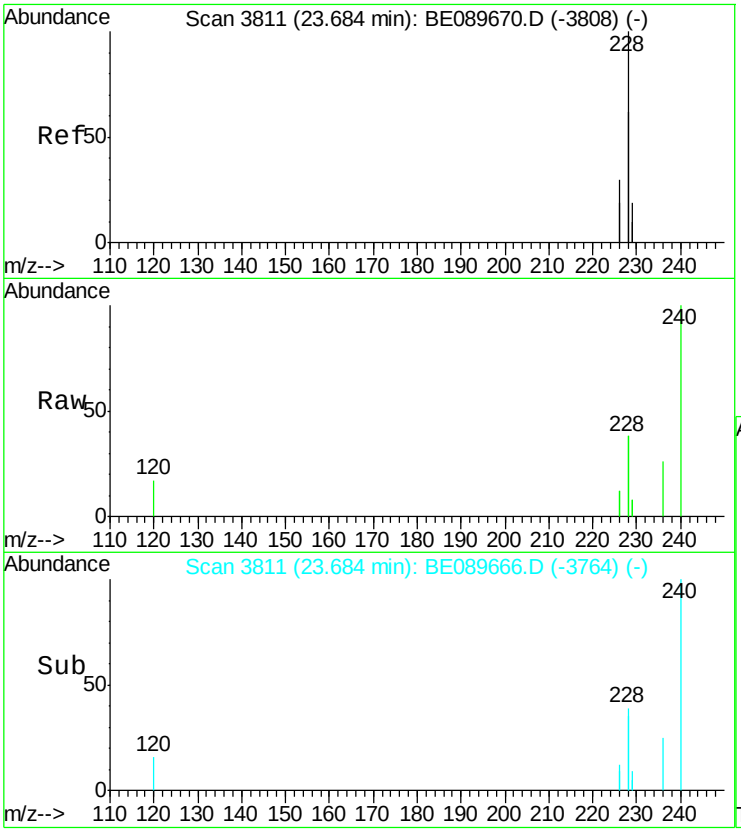


#22
Benzo(a)anthracene
Concen: 0.10 ng
RT: 23.65 min Scan# 3805
Delta R.T. 0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:228 Resp: 5739

Ion	Ratio	Lower	Upper
228	100		
226	28.0	20.6	31.0
229	23.3	15.8	23.6



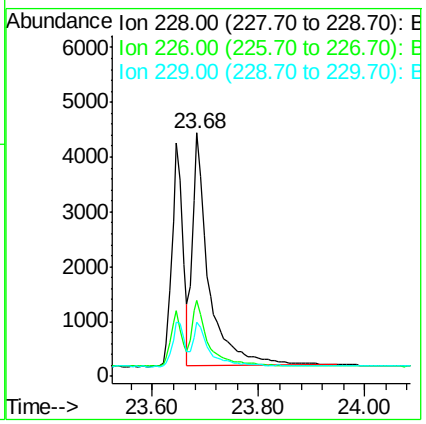


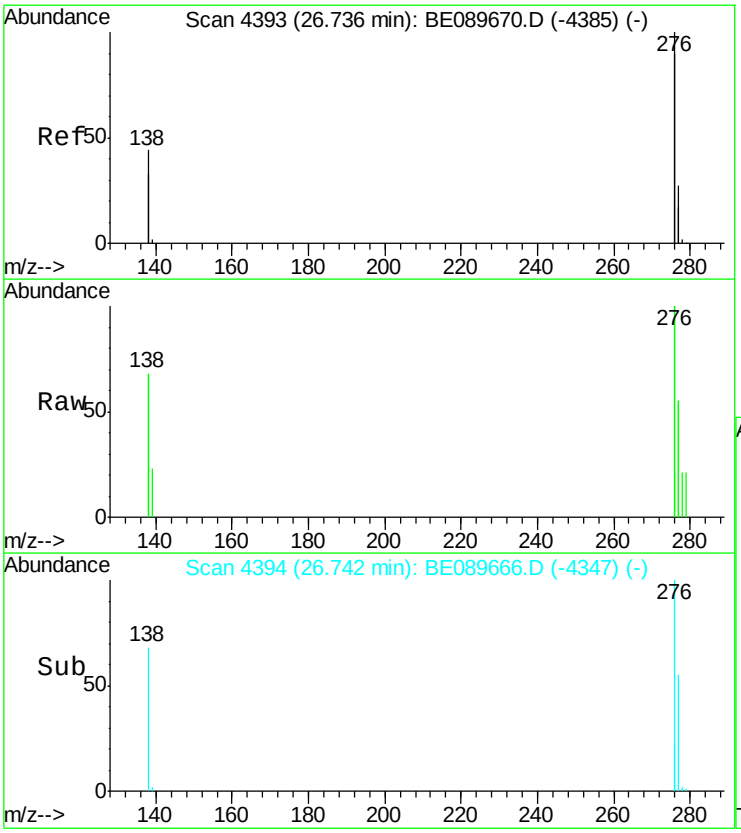
#23
Chrysene
Concen: 0.11 ng
RT: 23.68 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 9133

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.6	35.4
229	22.2	15.3	22.9

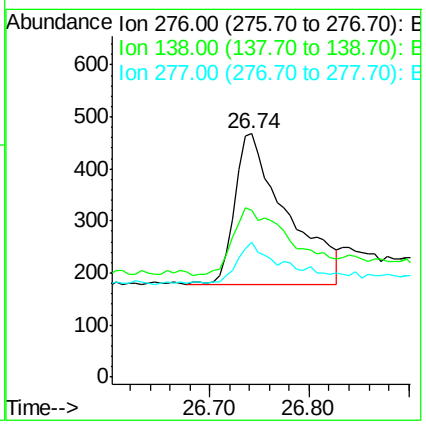


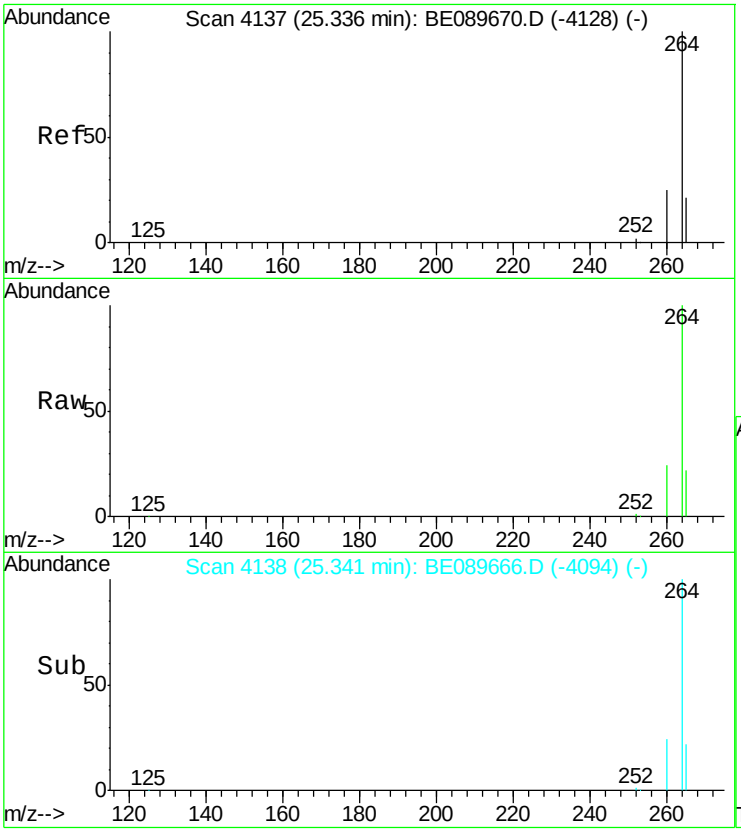


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.74 min Scan# 4394
Delta R.T. 0.01 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:276 Resp: 1059

Ion	Ratio	Lower	Upper
276	100		
138	50.1	0.0	0.0#
277	27.7	5.2	7.8#



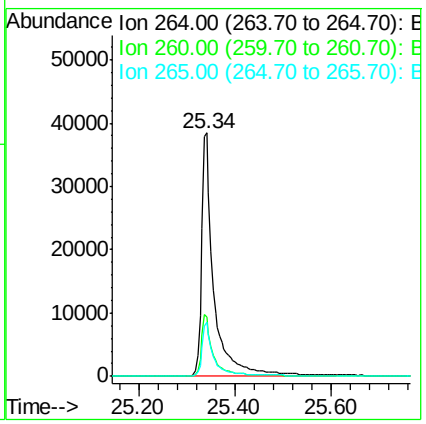


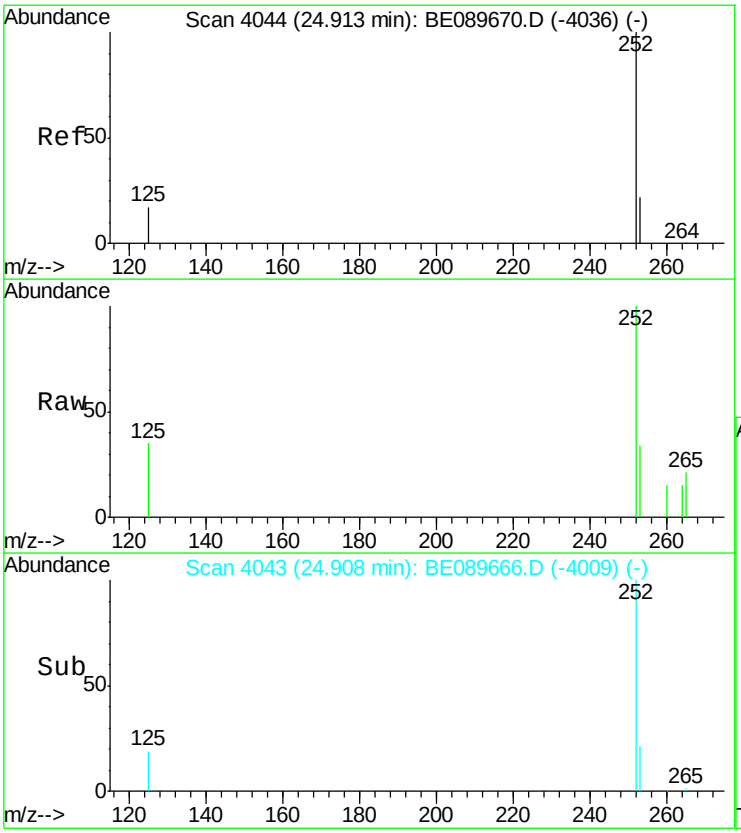
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 68326

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.4
265	22.0	17.0	25.4

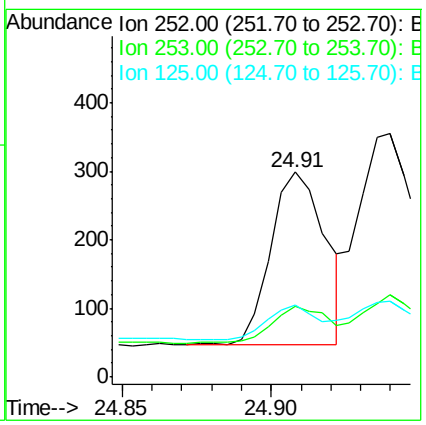


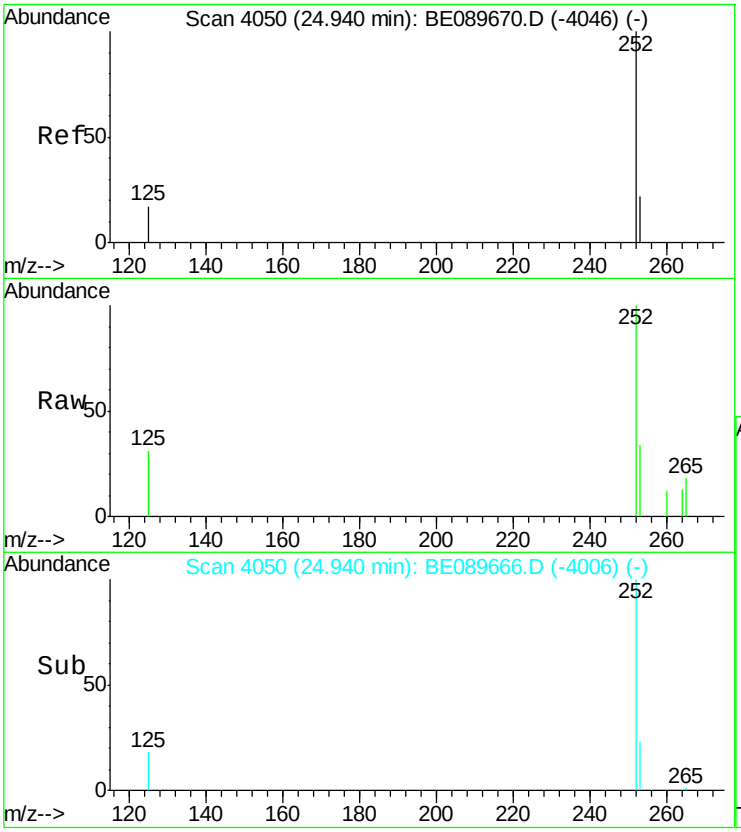


#26
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 24.91 min Scan# 4043
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:252 Resp: 320

Ion	Ratio	Lower	Upper
252	100		
253	34.4	18.6	27.8#
125	34.8	15.0	22.6#



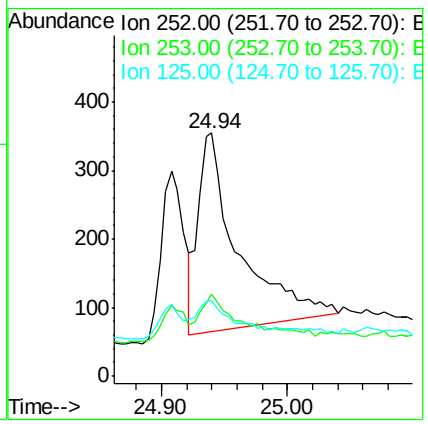


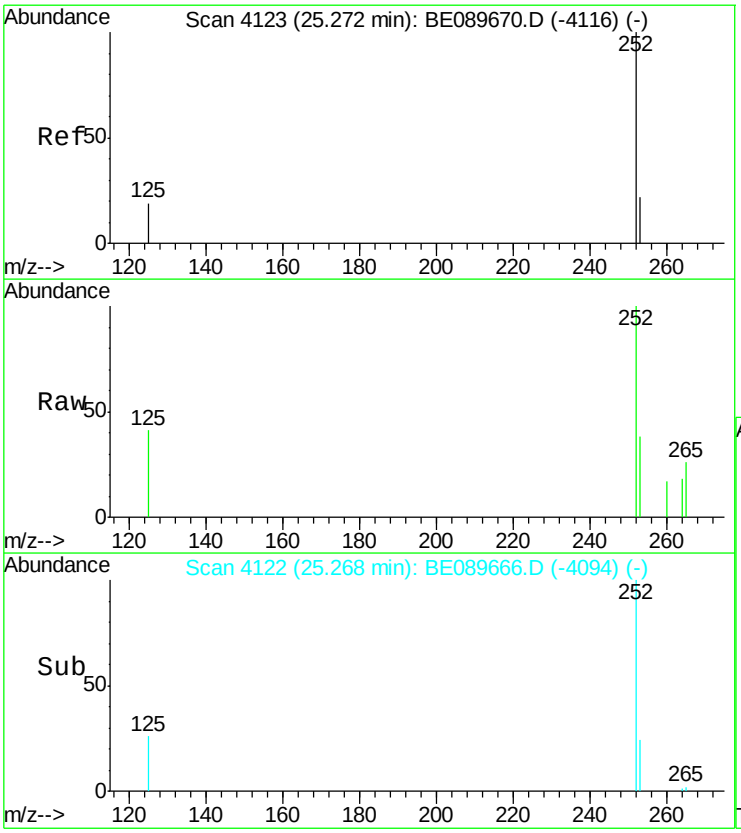
#27
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 24.94 min Scan# 4050
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 646

Ion	Ratio	Lower	Upper
252	100		
253	33.5	18.0	27.0#
125	31.0	14.3	21.5#

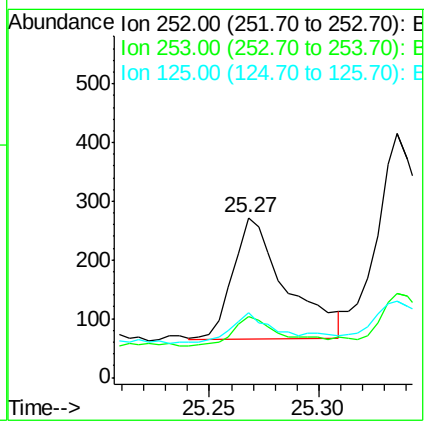


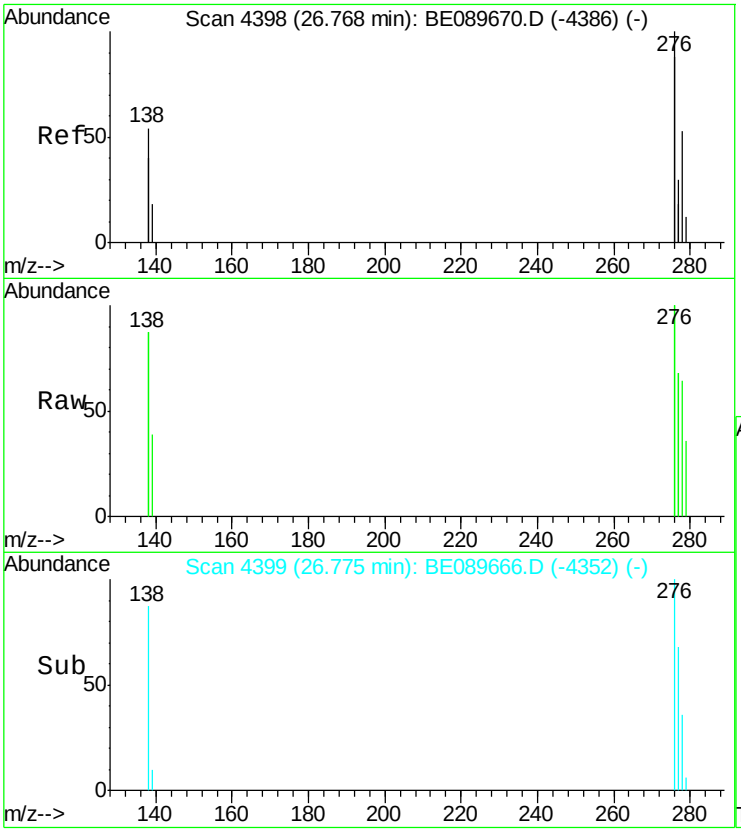


#28
Benzo(a)pyrene
Concen: 0.05 ng
RT: 25.27 min Scan# 4122
Delta R.T. -0.00 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:252 Resp: 353

Ion	Ratio	Lower	Upper
252	100		
253	38.2	18.8	28.2#
125	40.8	16.6	24.8#



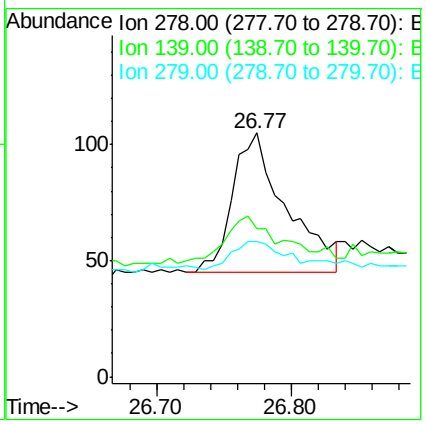


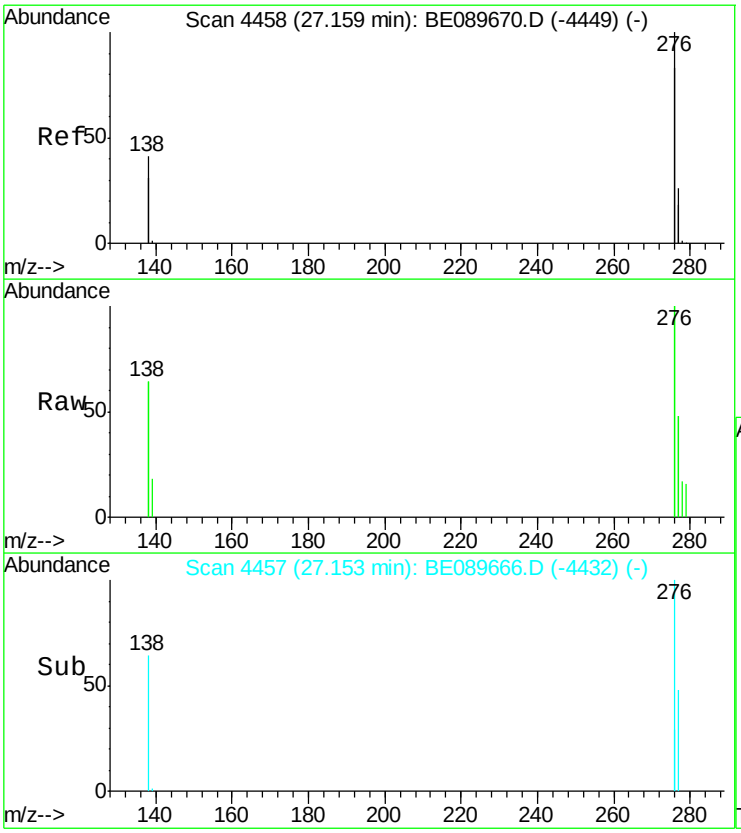
#29
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.77 min Scan# 4399
Delta R.T. 0.01 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 166

Ion	Ratio	Lower	Upper
278	100		
139	61.0	30.4	45.6#
279	55.2	22.0	33.0#





#30
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 27.15 min Scan# 4457
Delta R.T. -0.01 min
Lab File: BE089666.D
Acq: 24 Feb 2015 11:46

Tgt Ion:276 Resp: 1347

Ion	Ratio	Lower	Upper
276	100		
277	48.3	21.0	31.6#
138	63.7	33.0	49.4#