Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089674.D
Acq On : 24 Feb 2015 16:59
Operator : TP/JJ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE022415

Quant Time: Feb 25 14:26:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 14:06:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	48101	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	207404	5.00	ng		0.00
8) Acenaphthene-d10	16.42	164	93434	5.00	ng		0.00
13) Phenanthrene-d10	19.77	188	168222	5.00	ng		0.00
19) Chrysene-d12	23.66	240	127483	5.00	ng		0.00
25) Perylene-d12	25.34	264	93455	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.60	82	9134	0.91	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	19342	0.91	ng		0.00
21) Terphenyl-d14	22.30	244	13782	0.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	5209	0.86	ng		96
3) n-Nitrosodimethylamine	3.37	42	6602	0.89	ng	#	96
6) Naphthalene	12.29	128	36509	0.91	ng		100
7) 2-Methylnaphthalene	13.94	142	20922	0.92	ng		97
10) Acenaphthylene	16.06	152	119663	0.89	ng		99
11) Acenaphthene	16.49	154	19102	0.90	ng		99
12) Fluorene	17.74	166	21076	0.89	ng		99
14) Hexachlorobenzene	18.99	284	3917	0.90	ng		99
15) Pentachlorophenol	19.43	266	419	1.06	ng		96
16) Phenanthrene	19.81	178	32077	0.89	ng		100
17) Anthracene	19.91	178	26916	0.88	ng		100
18) Fluoranthene	21.72	202	26183	0.87	ng		98
20) Pyrene	22.04	202	28668	0.93	ng		100
22) Benzo(a)anthracene	23.64	228	74068	0.88	ng		98
23) Chrysene	23.69	228	101313	0.88	ng		96
24) Indeno(1,2,3-cd)pyrene	26.73	276	30406	0.92	ng	#	53
26) Benzo(b)fluoranthene	24.91	252	5484	0.95	ng		97
27) Benzo(k)fluoranthene	24.94	252	20438	0.93	ng		99
28) Benzo(a)pyrene	25.27	252	6922	0.96	ng		98
29) Dibenzo(a,h)anthracene	26.77	278	5415	0.98	ng	#	92
30) Benzo(g,h,i)perylene	27.16	276	36059	0.89	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089674.D
Acq On : 24 Feb 2015 16:59
Operator : TP/JJ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
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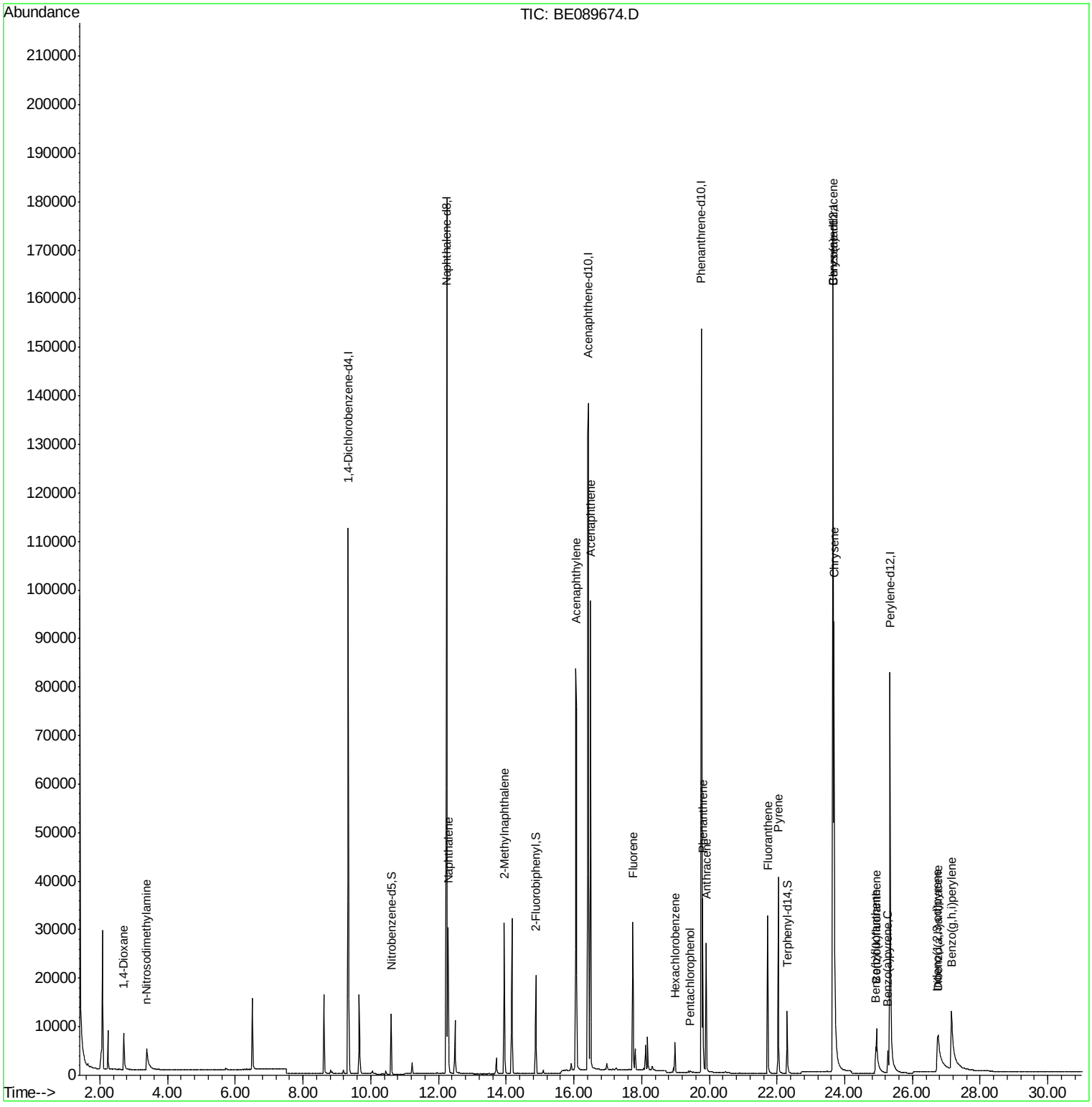
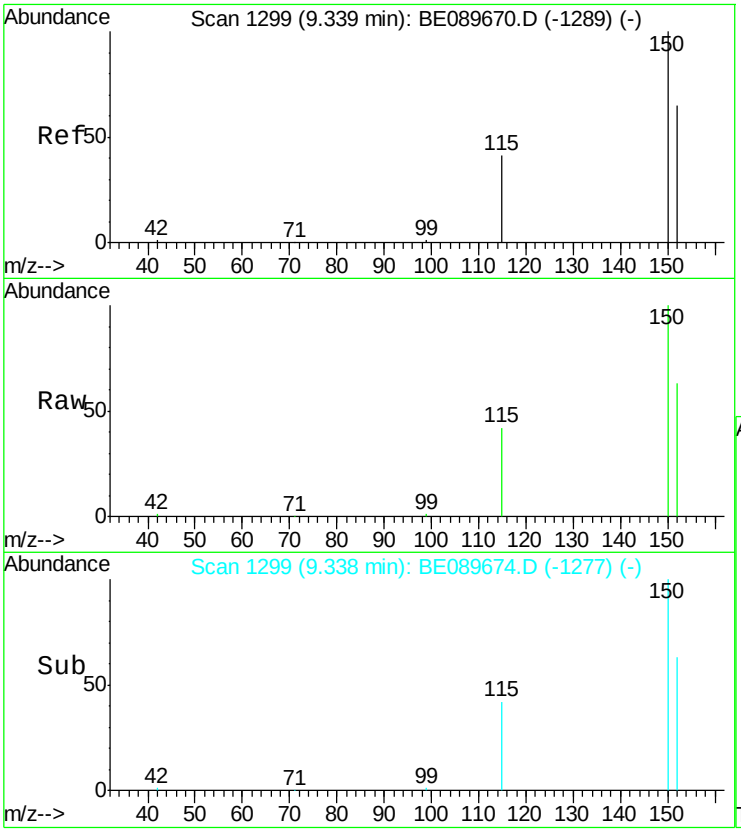
ICVBE022415

Quant Time: Feb 25 14:26:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 14:06:35 2015
Response via : Initial Calibration



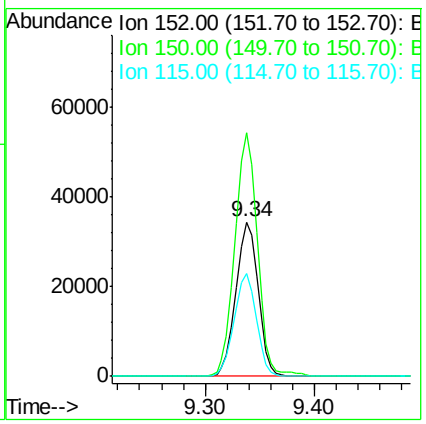


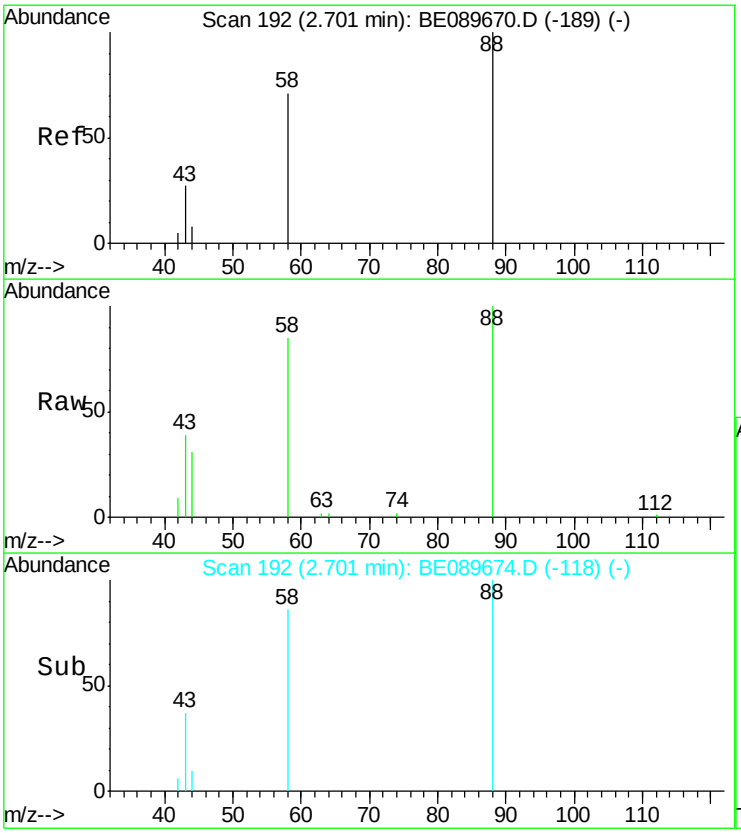
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:152 Resp: 48101

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.4	185.0
115	66.1	50.8	76.2

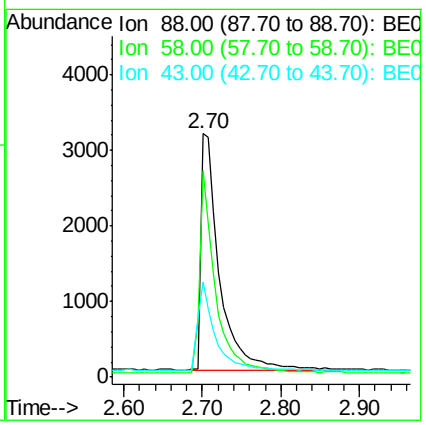


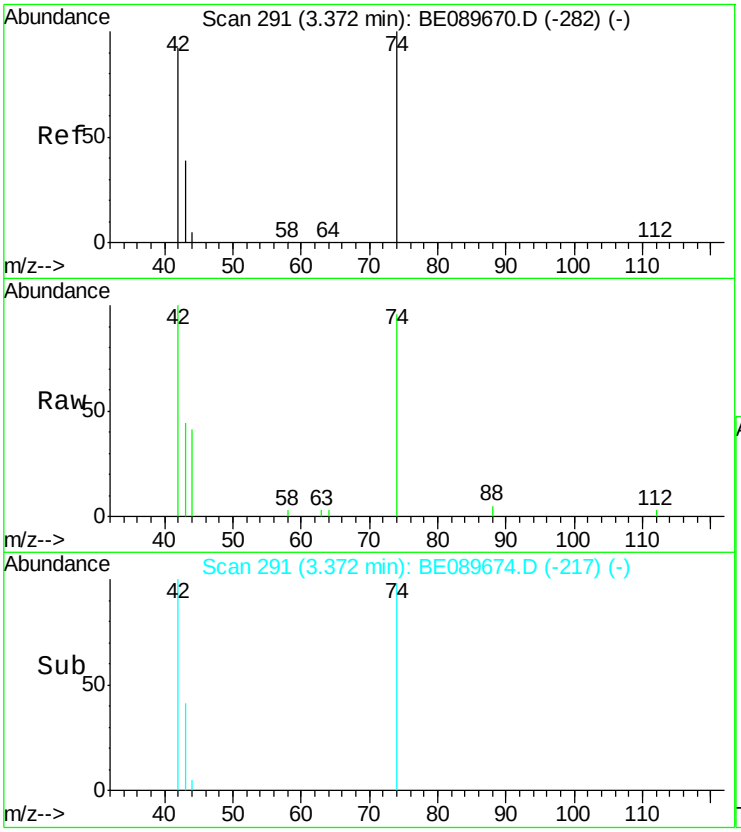


#2
1,4-Dioxane
Concen: 0.86 ng
RT: 2.70 min Scan# 192
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion: 88 Resp: 5209

Ion	Ratio	Lower	Upper
88	100		
58	74.5	62.4	93.6
43	35.1	26.6	40.0



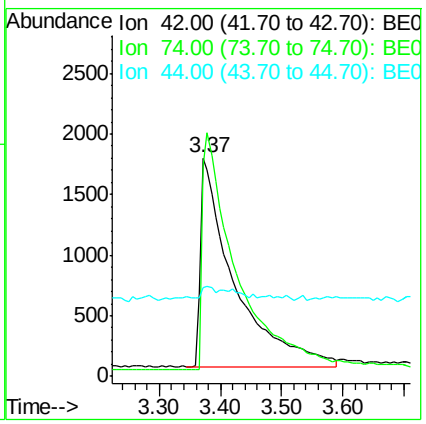


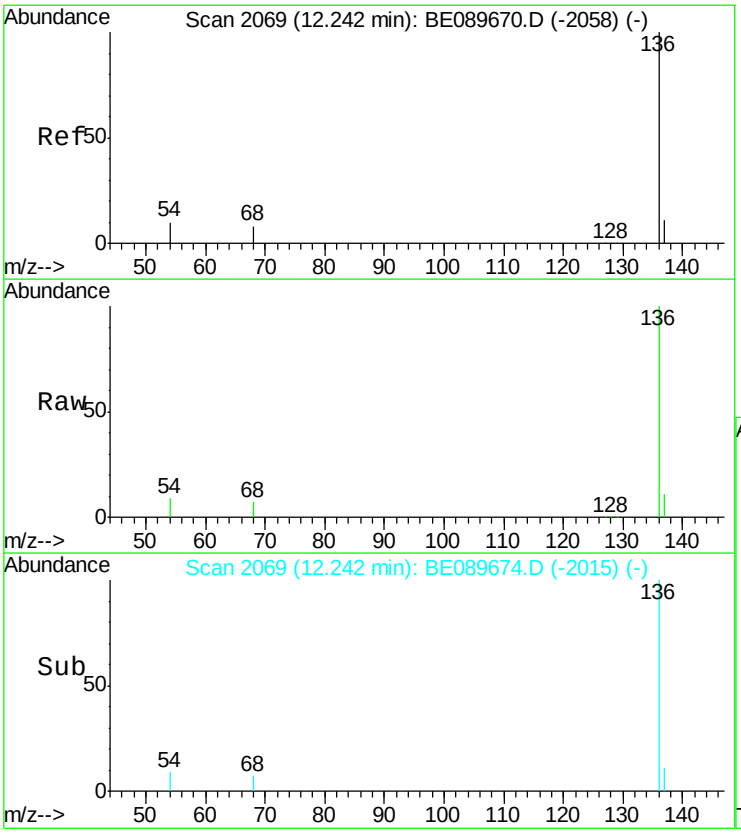
#3
n-Nitrosodimethylamine
Concen: 0.89 ng
RT: 3.37 min Scan# 291
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion: 42 Resp: 6602

Ion	Ratio	Lower	Upper
42	100		
74	118.4	91.1	136.7
44	2.4	4.7	7.1#

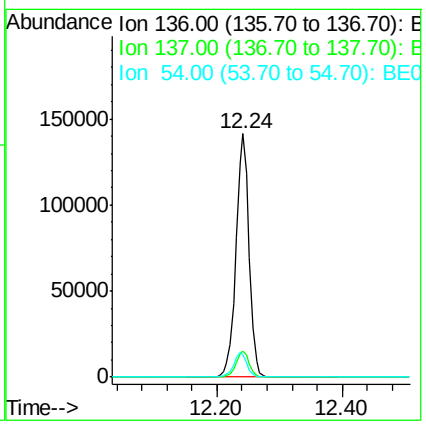


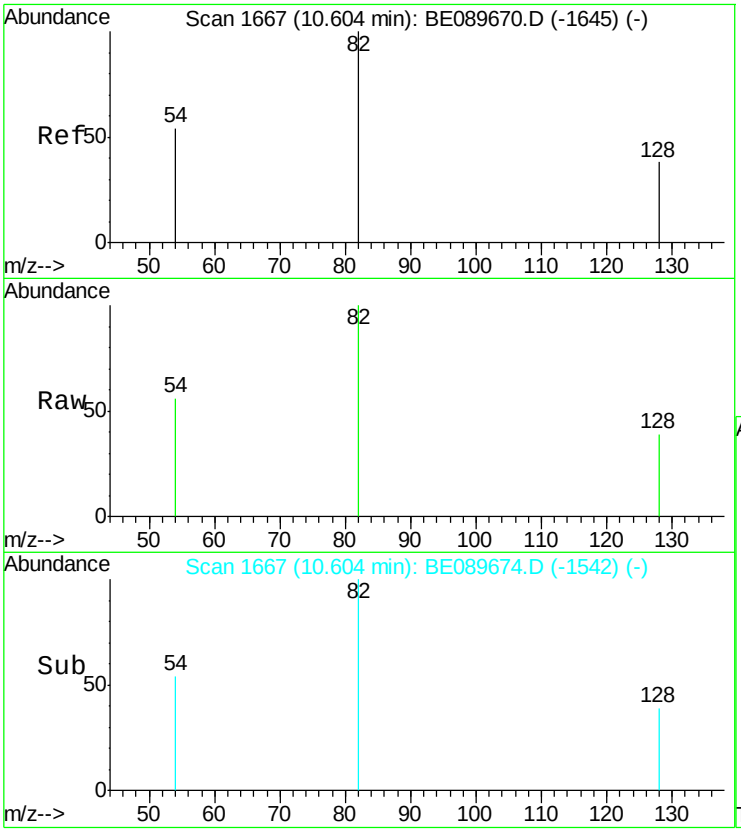


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:136 Resp: 207404

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.3	7.8	11.8



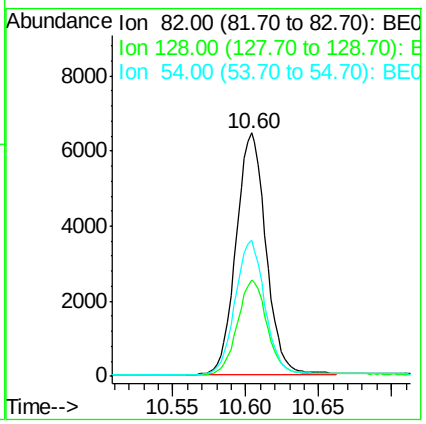


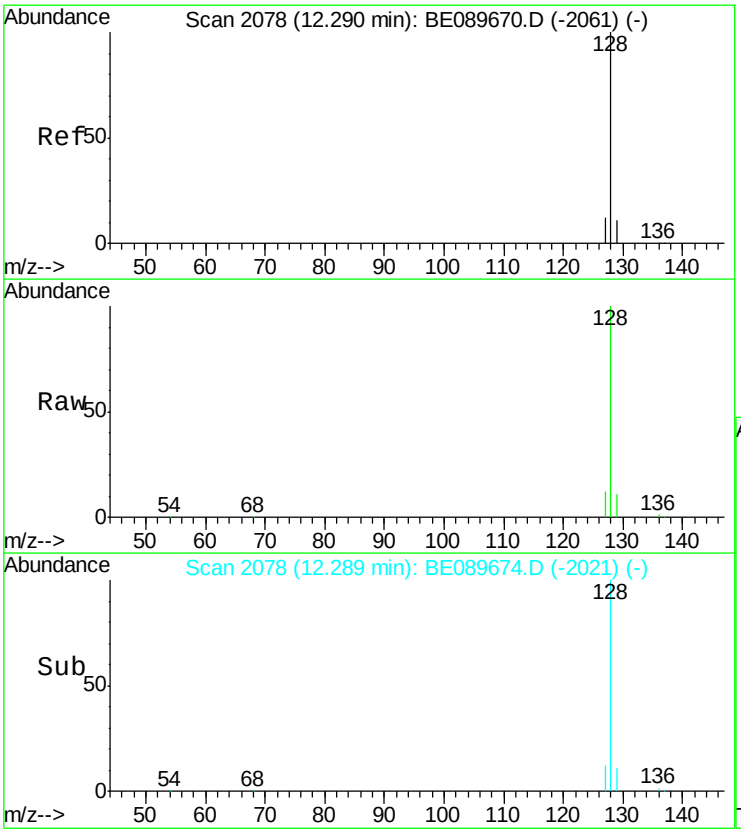
#5
Nitrobenzene-d5
Concen: 0.91 ng
RT: 10.60 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion: 82 Resp: 9134

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.6	46.0
54	56.0	43.6	65.4

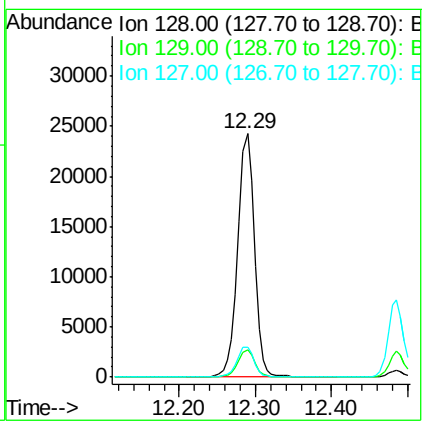


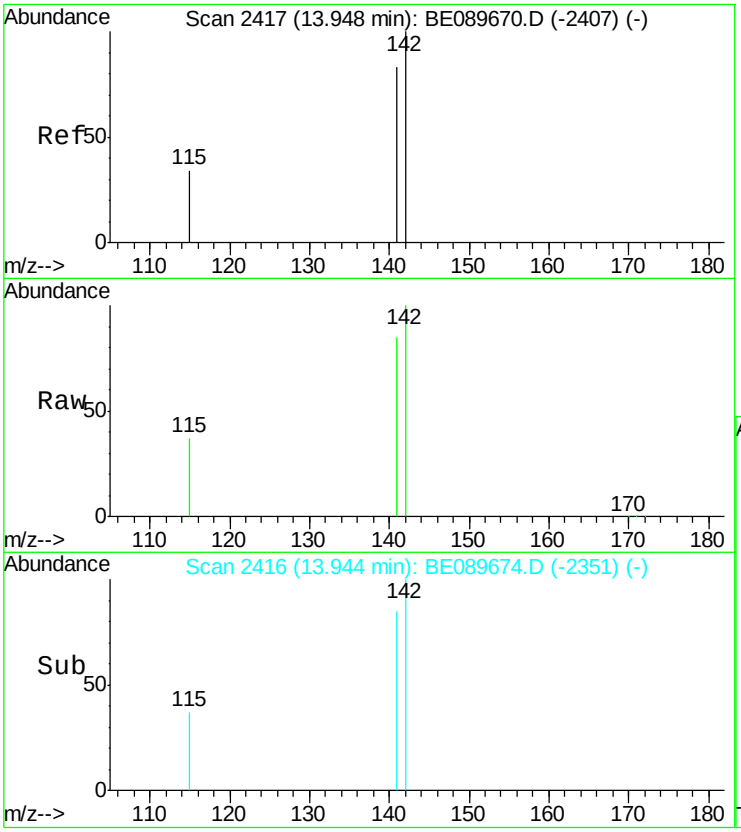


#6
Naphthalene
Concen: 0.91 ng
RT: 12.29 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:128 Resp: 36509

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.2	9.7	14.5



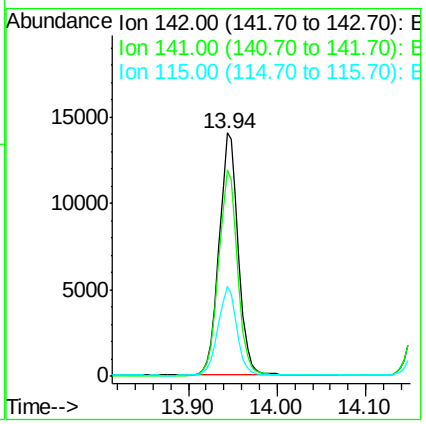


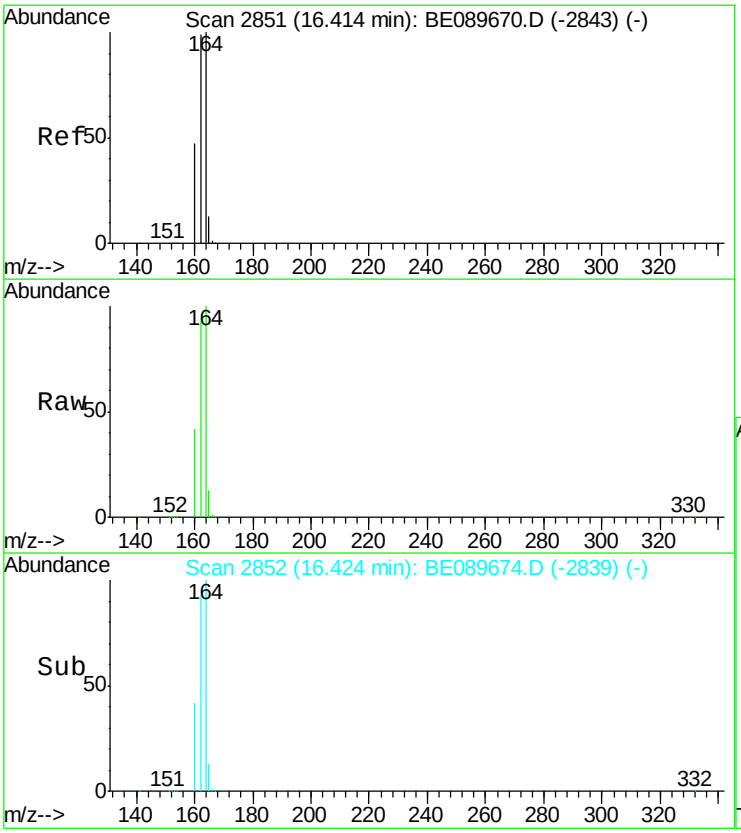
#7
2-Methylnaphthalene
Concen: 0.92 ng
RT: 13.94 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:142 Resp: 20922

Ion	Ratio	Lower	Upper
142	100		
141	84.6	66.0	99.0
115	37.2	27.4	41.0

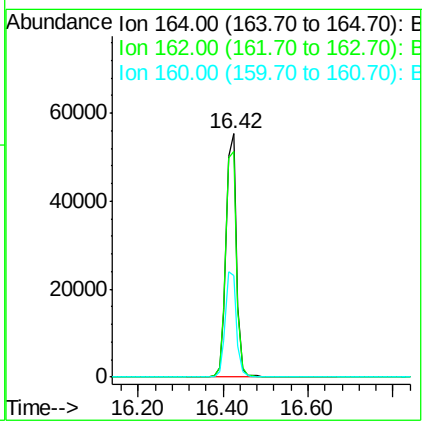


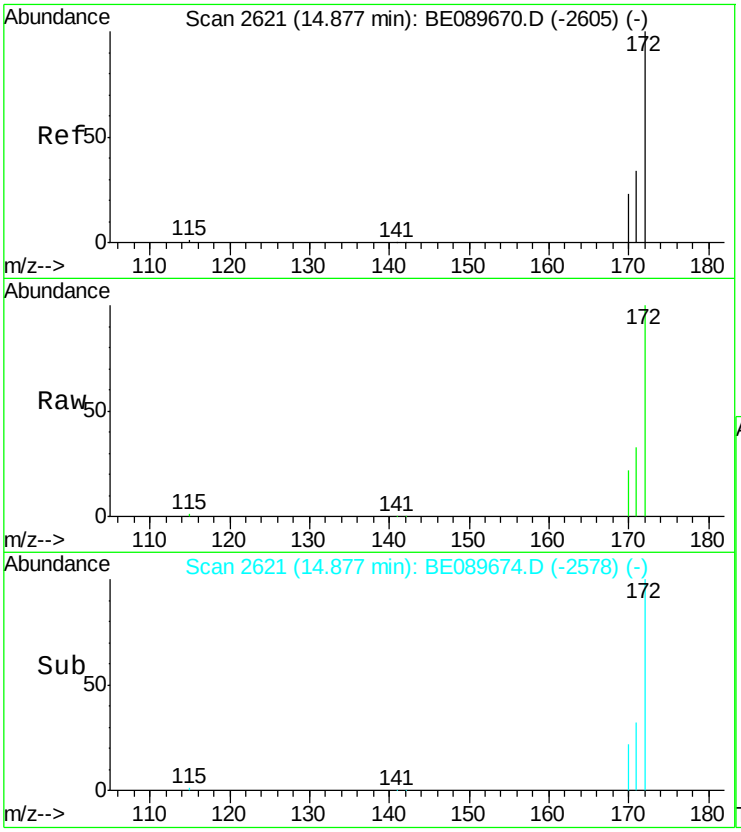


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:164 Resp: 93434

Ion	Ratio	Lower	Upper
164	100		
162	92.8	79.4	119.2
160	41.6	37.6	56.4



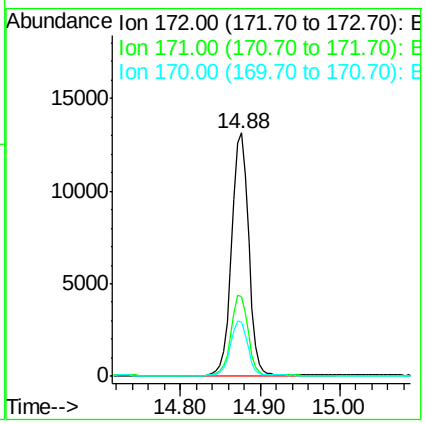


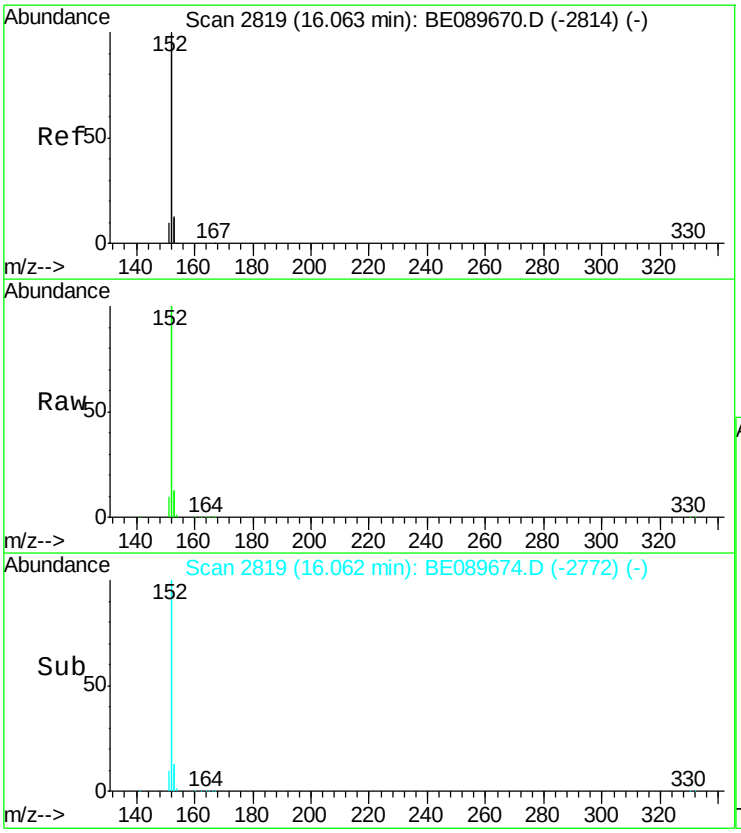
#9
2-Fluorobiphenyl
Concen: 0.91 ng
RT: 14.88 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:172 Resp: 19342

Ion	Ratio	Lower	Upper
172	100		
171	32.6	27.3	40.9
170	22.3	18.5	27.7

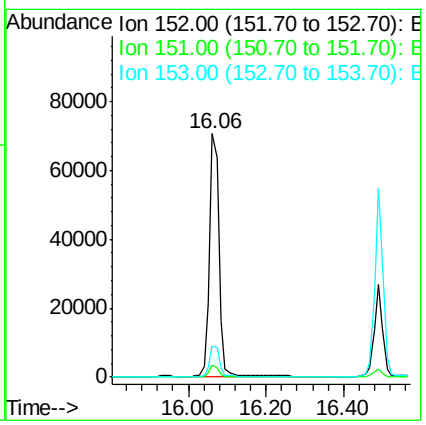


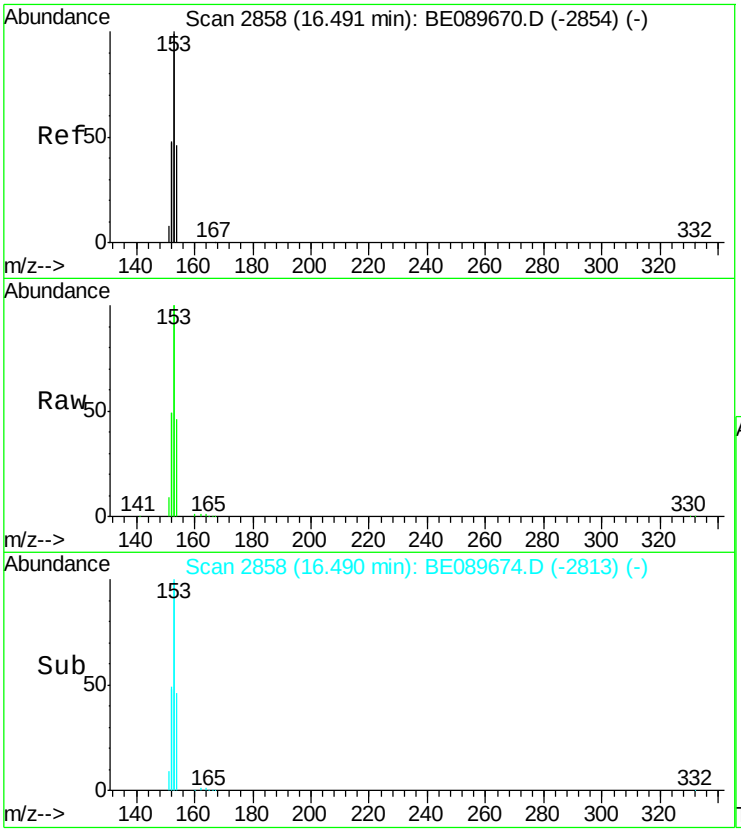


#10
Acenaphthylene
Concen: 0.89 ng
RT: 16.06 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:152 Resp: 119663

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.6
153	12.7	10.4	15.6



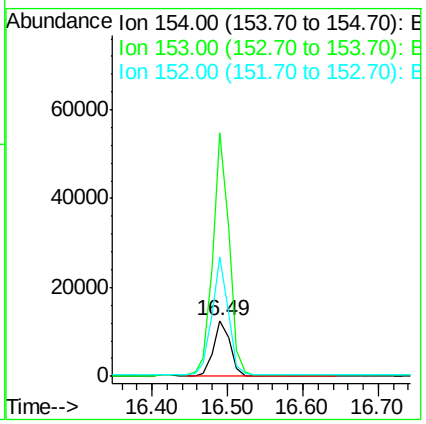


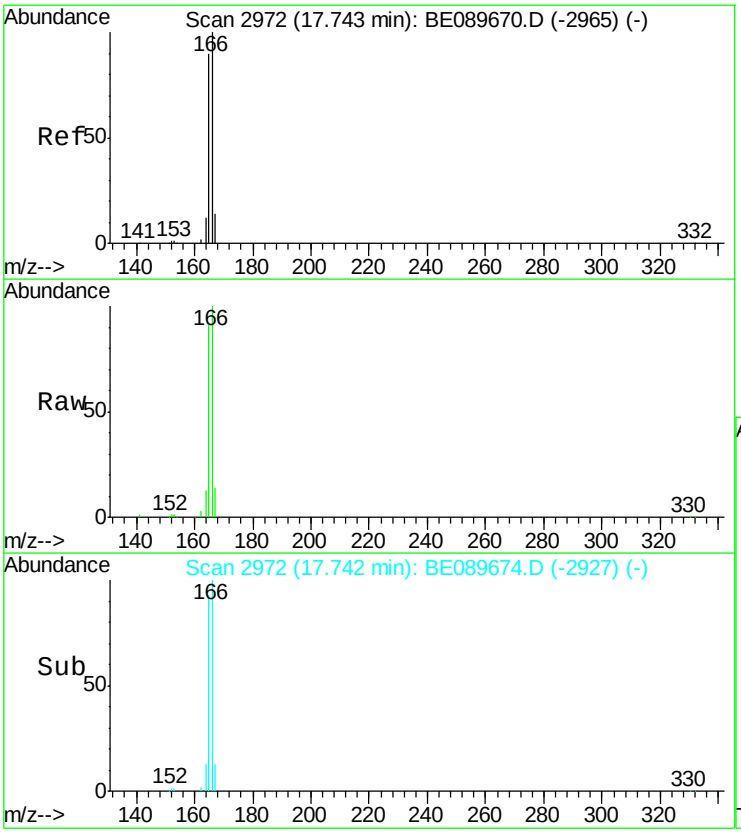
#11
Acenaphthene
Concen: 0.90 ng
RT: 16.49 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:154 Resp: 19102

Ion	Ratio	Lower	Upper
154	100		
153	431.1	345.8	518.8
152	209.2	168.6	252.8

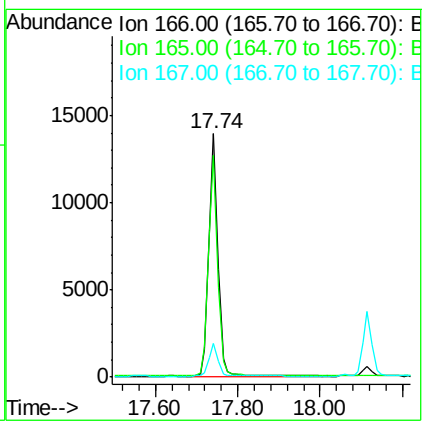


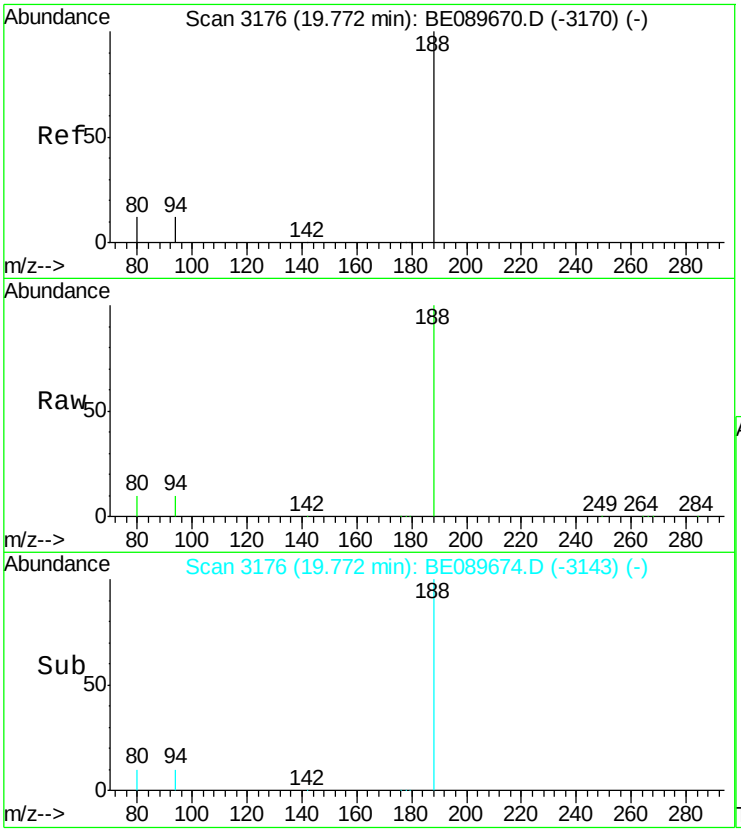


#12
Fluorene
Concen: 0.89 ng
RT: 17.74 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:166 Resp: 21076

Ion	Ratio	Lower	Upper
166	100		
165	92.6	73.6	110.4
167	13.3	10.6	16.0



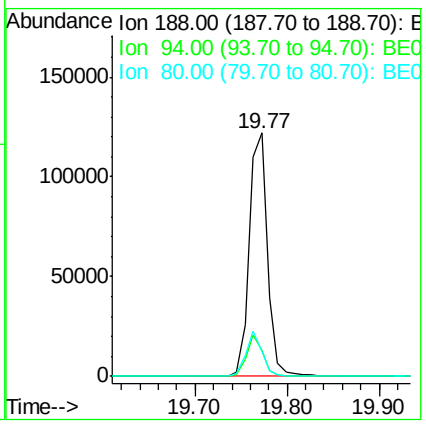


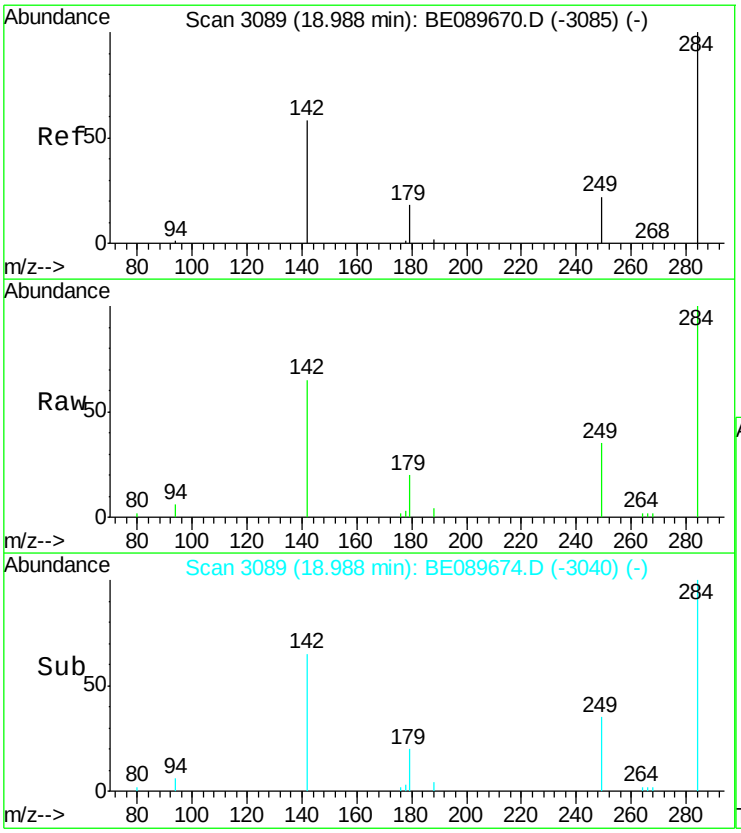
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:188 Resp: 168222

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.4	9.5	14.3

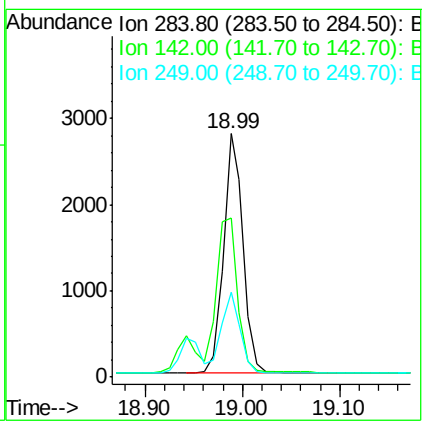


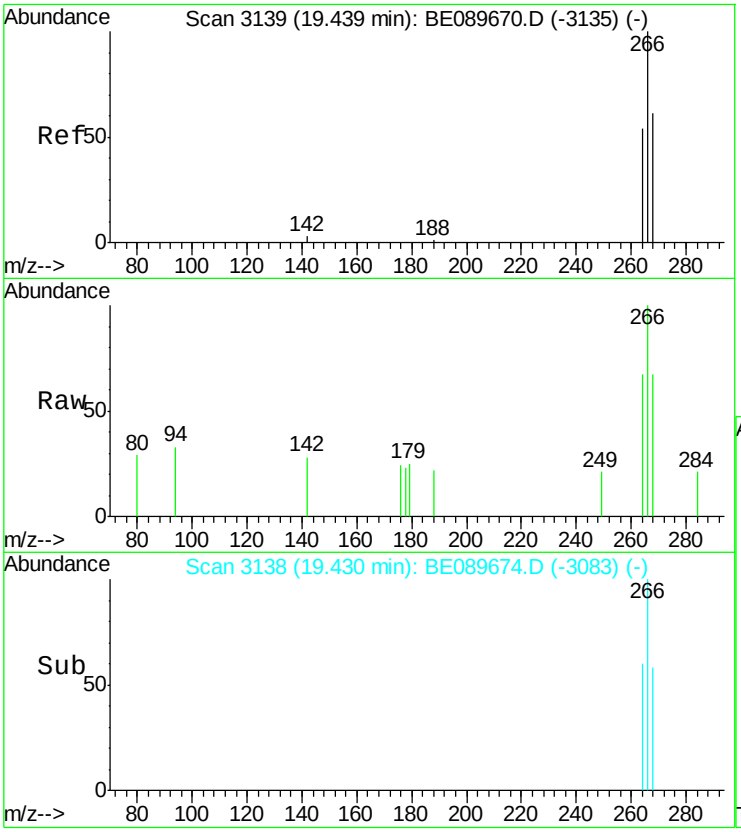


#14
Hexachlorobenzene
Concen: 0.90 ng
RT: 18.99 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:284 Resp: 3917

Ion	Ratio	Lower	Upper
284	100		
142	69.6	55.4	83.2
249	33.1	27.2	40.8



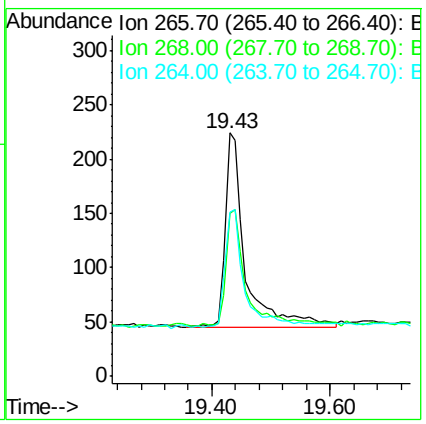


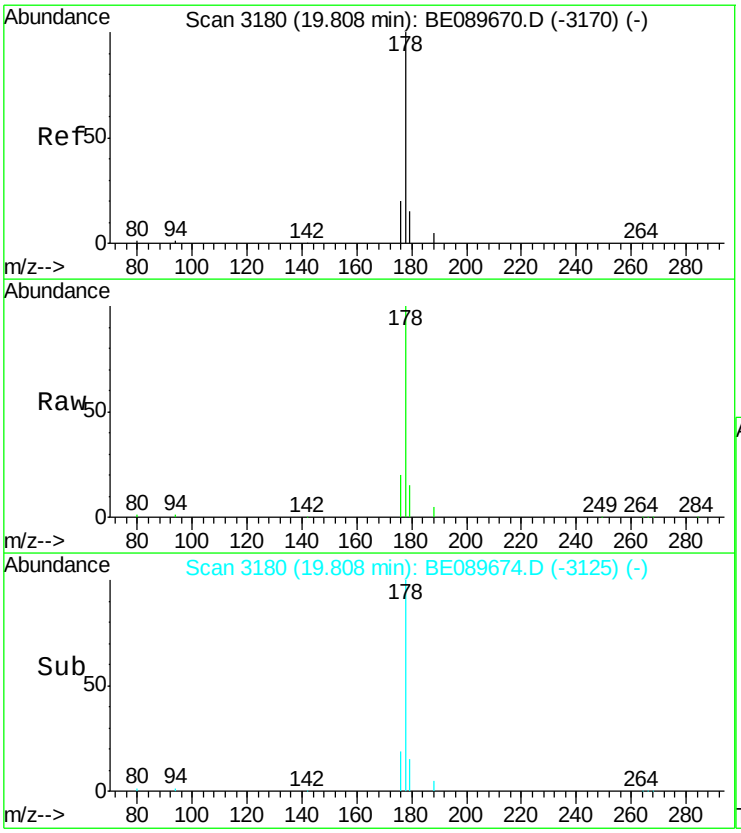
#15
Pentachlorophenol
Concen: 1.06 ng
RT: 19.43 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:266 Resp: 419

Ion	Ratio	Lower	Upper
266	100		
268	67.0	56.3	84.5
264	67.4	51.8	77.8

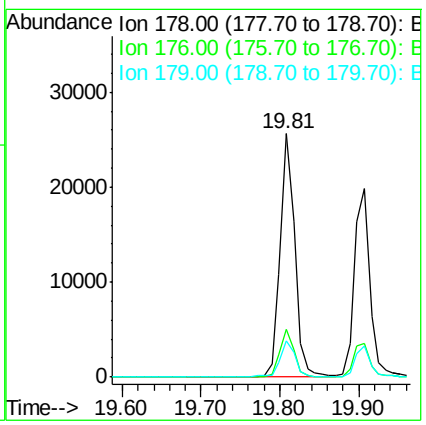


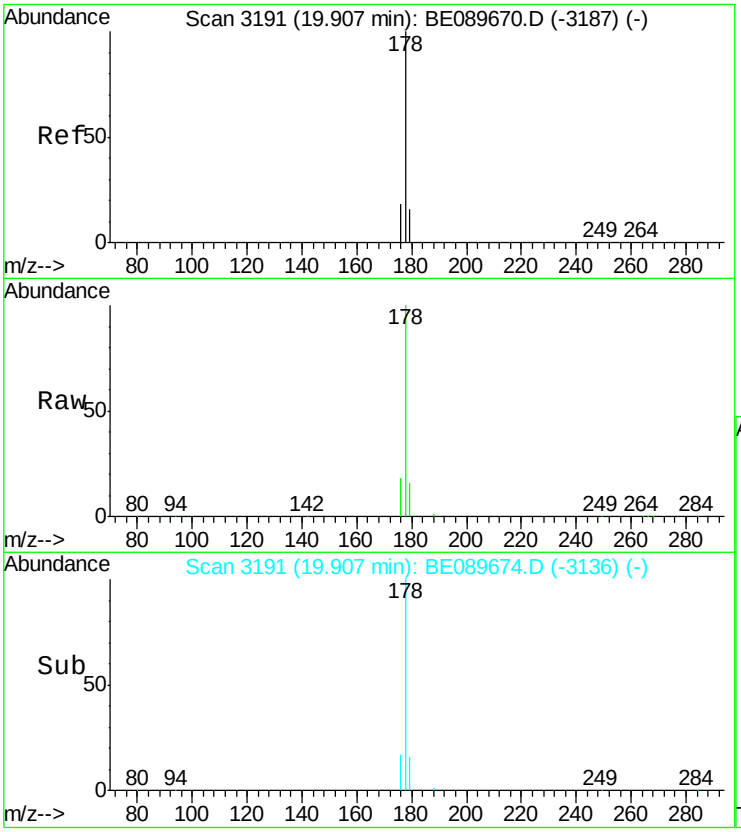


#16
Phenanthrene
Concen: 0.89 ng
RT: 19.81 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:178 Resp: 32077

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.5	18.7



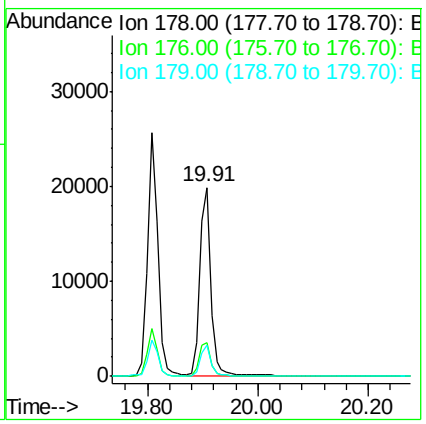


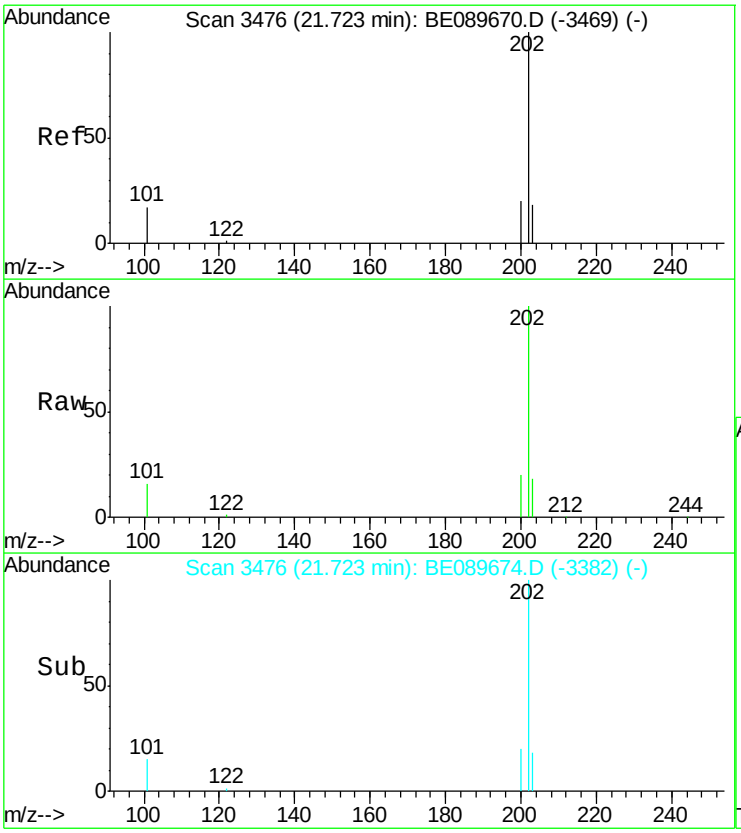
#17
Anthracene
Concen: 0.88 ng
RT: 19.91 min Scan# 3191
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:178 Resp: 26916

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.3	12.2	18.2

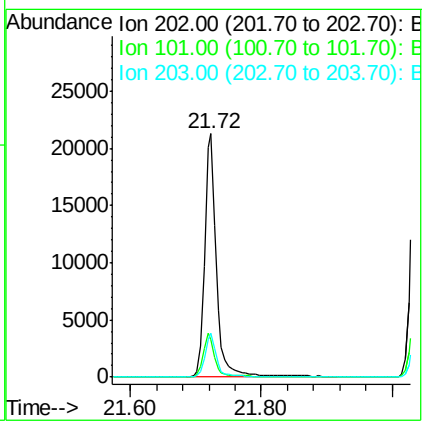


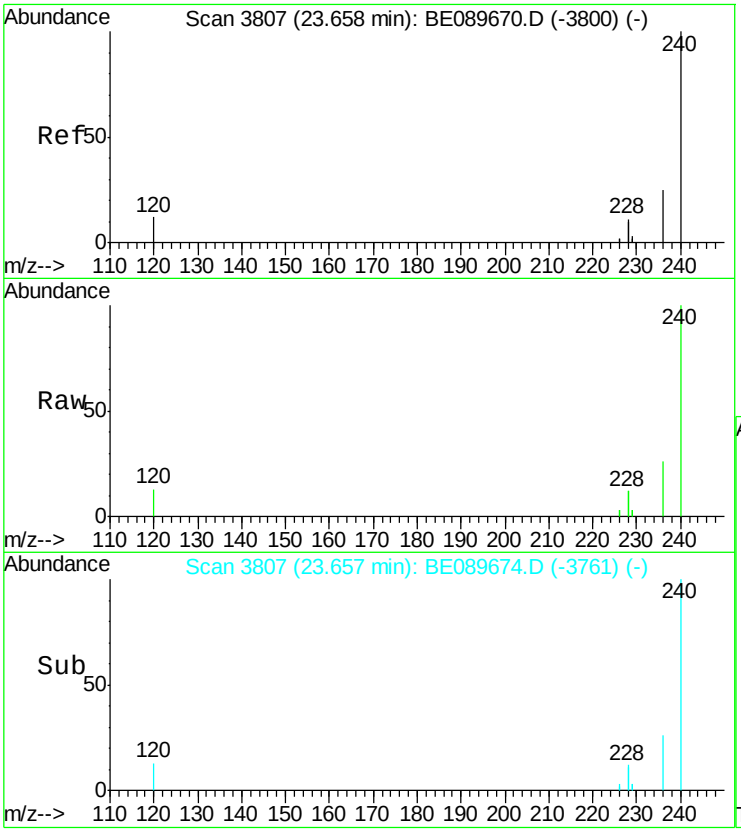


#18
Fluoranthene
Concen: 0.87 ng
RT: 21.72 min Scan# 3476
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:202 Resp: 26183

Ion	Ratio	Lower	Upper
202	100		
101	17.3	14.9	22.3
203	17.2	13.8	20.6



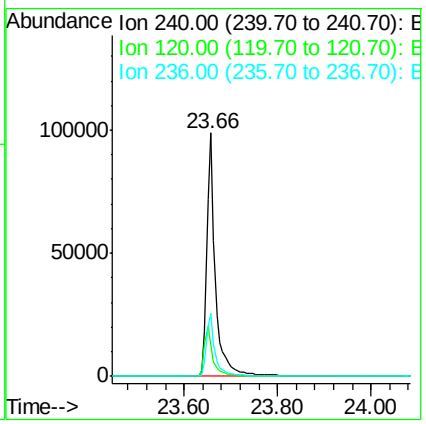


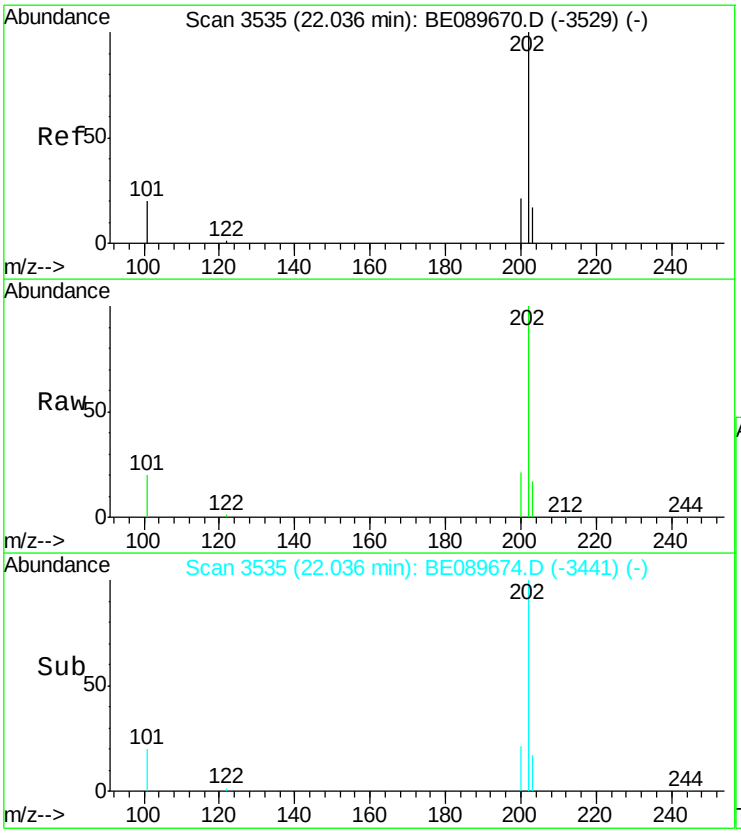
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:240 Resp: 127483

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.4	14.0
236	25.8	19.9	29.9

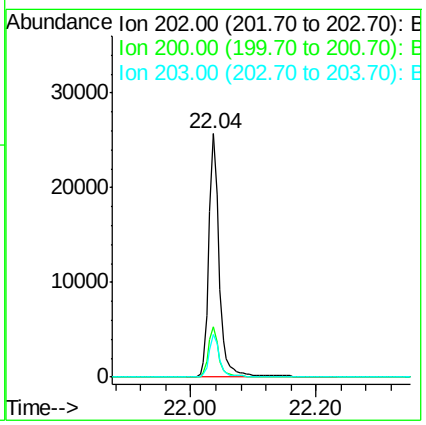


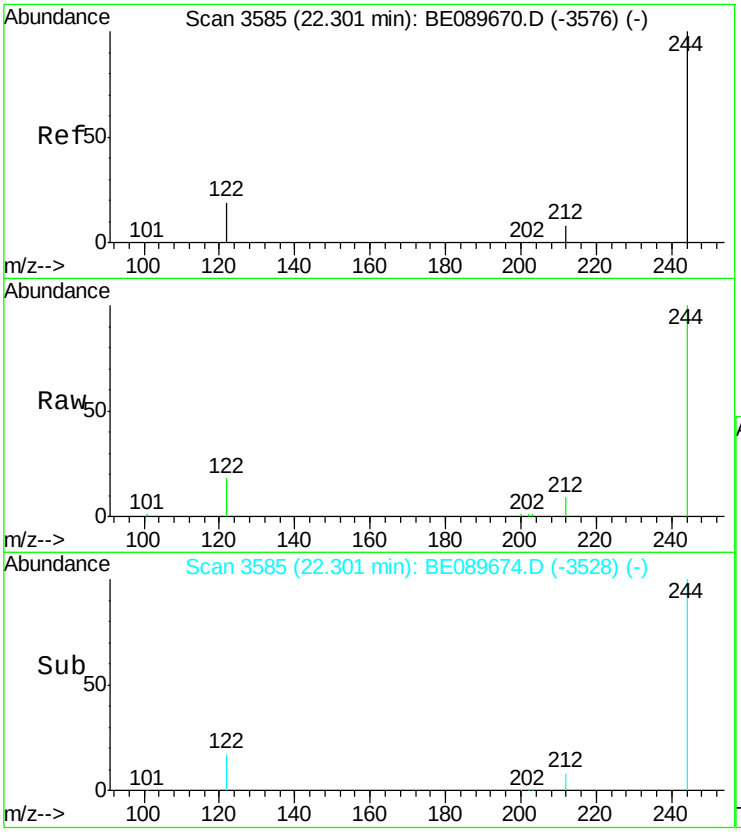


#20
Pyrene
Concen: 0.93 ng
RT: 22.04 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:202 Resp: 28668

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.3	13.9	20.9



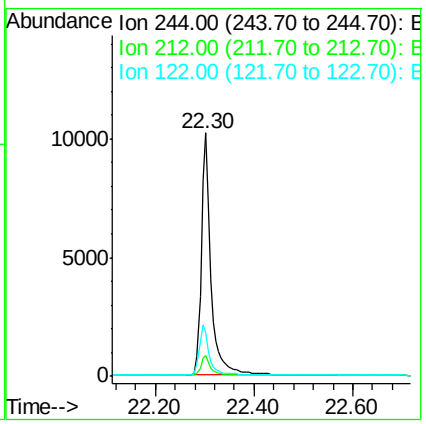


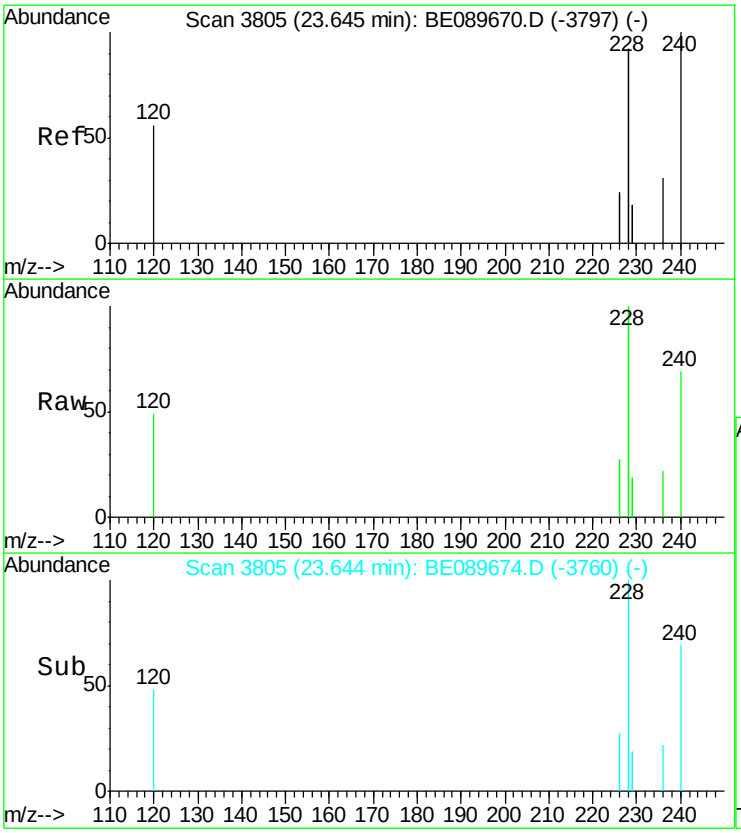
#21
Terphenyl-d14
Concen: 0.92 ng
RT: 22.30 min Scan# 3585
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:244 Resp: 13782

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	17.9	15.4	23.0

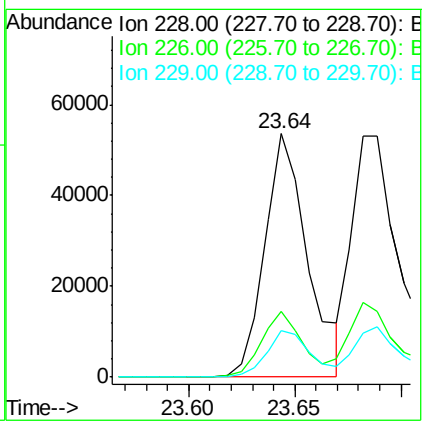


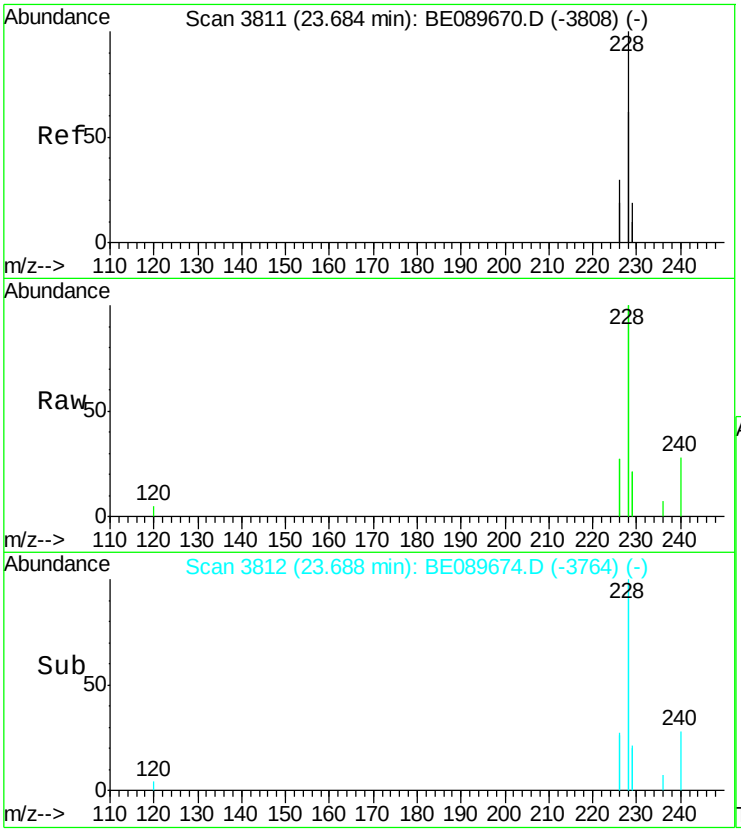


#22
Benzo(a)anthracene
Concen: 0.88 ng
RT: 23.64 min Scan# 3805
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:228 Resp: 74068

Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.6	31.0
229	19.0	15.8	23.6



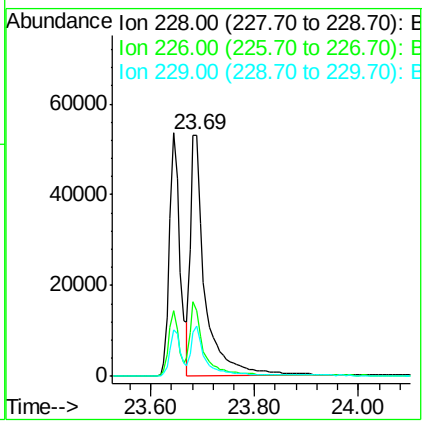


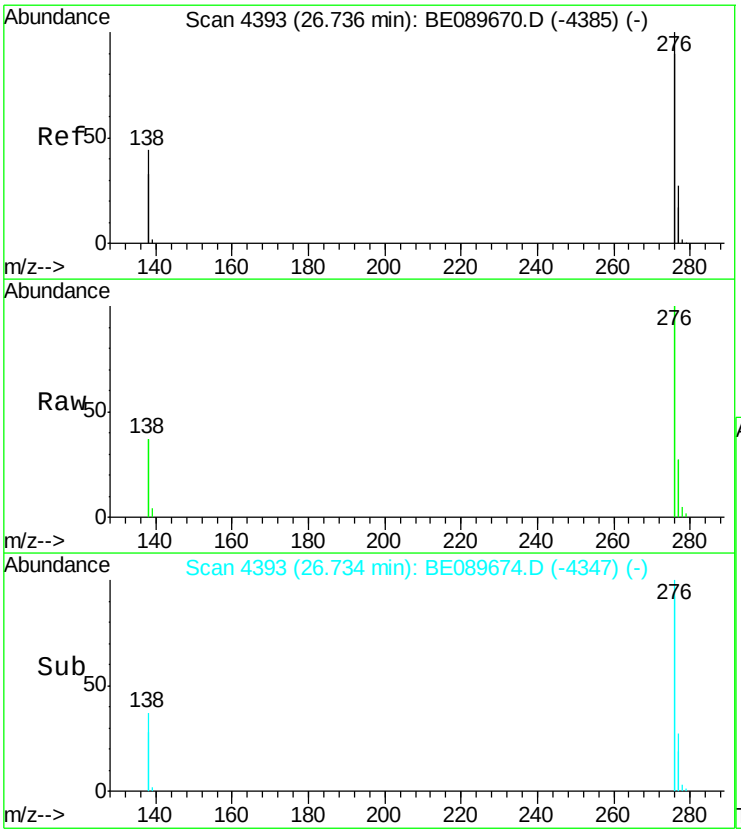
#23
Chrysene
Concen: 0.88 ng
RT: 23.69 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:228 Resp: 101313

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.6	35.4
229	20.8	15.3	22.9

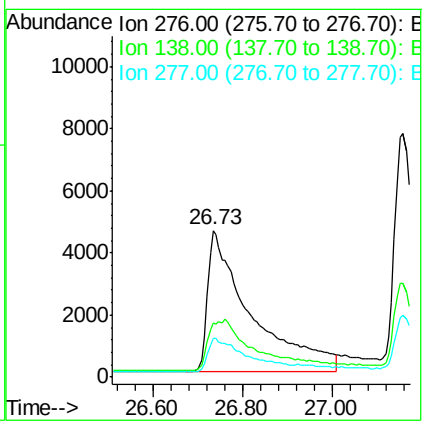


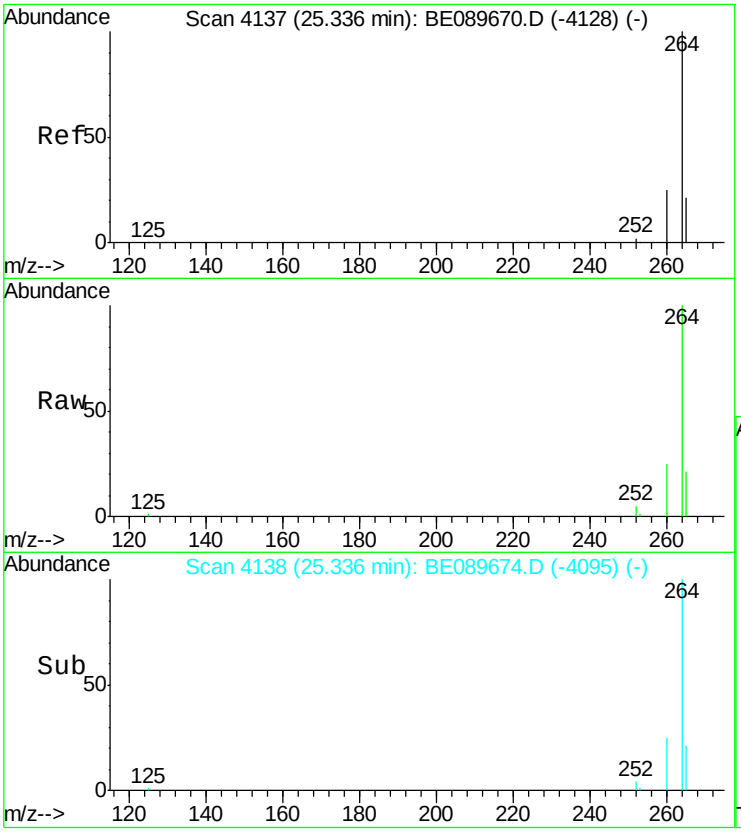


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.92 ng
RT: 26.73 min Scan# 4393
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:276 Resp: 30406

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	22.5	5.2	7.8#



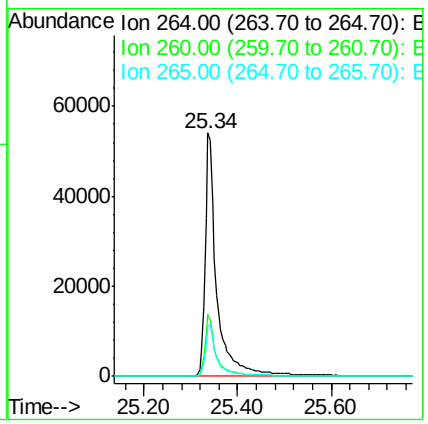


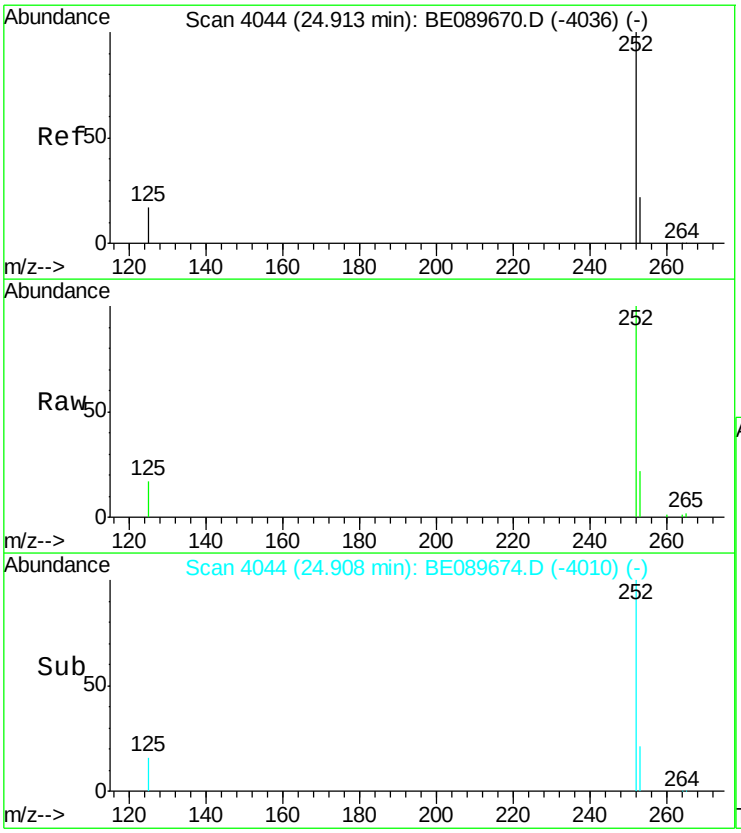
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:264 Resp: 93455

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	20.9	17.0	25.4

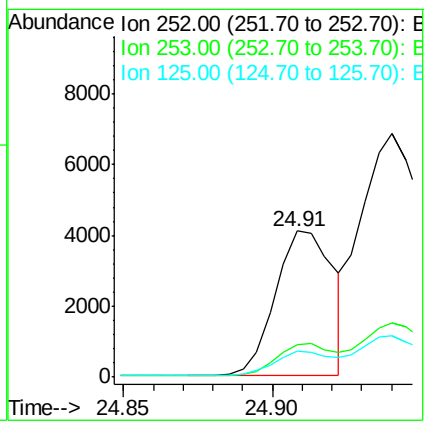


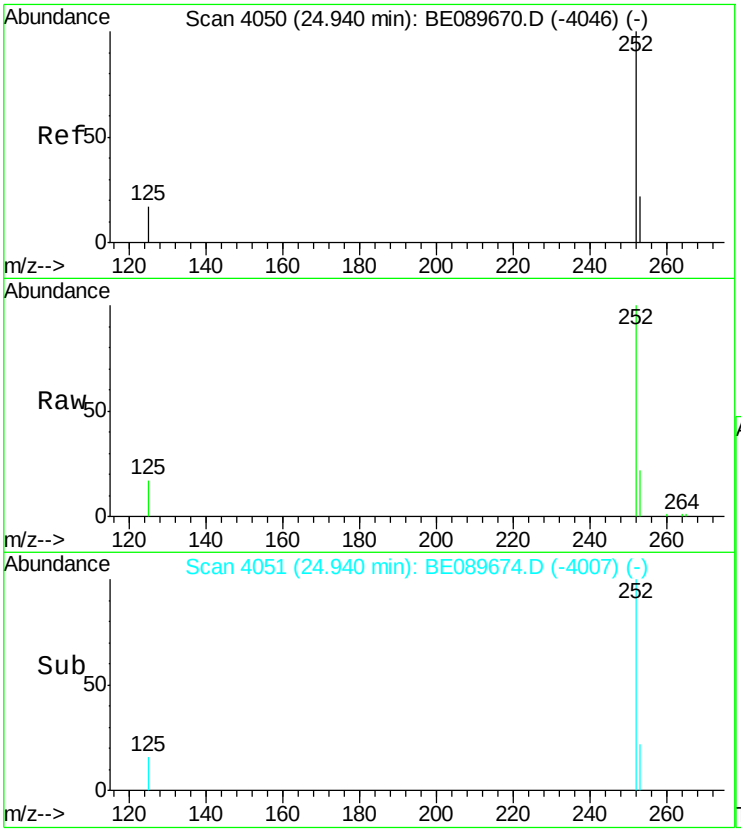


#26
Benzo(b)fluoranthene
Concen: 0.95 ng
RT: 24.91 min Scan# 4044
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:252 Resp: 5484

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	17.4	15.0	22.6



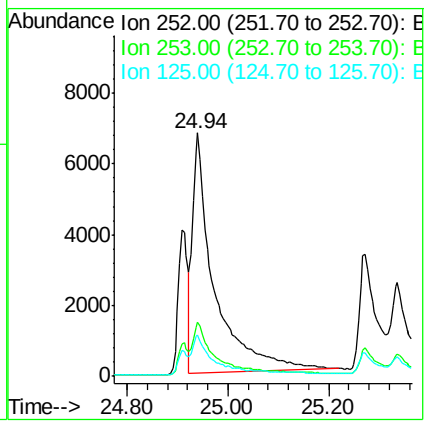


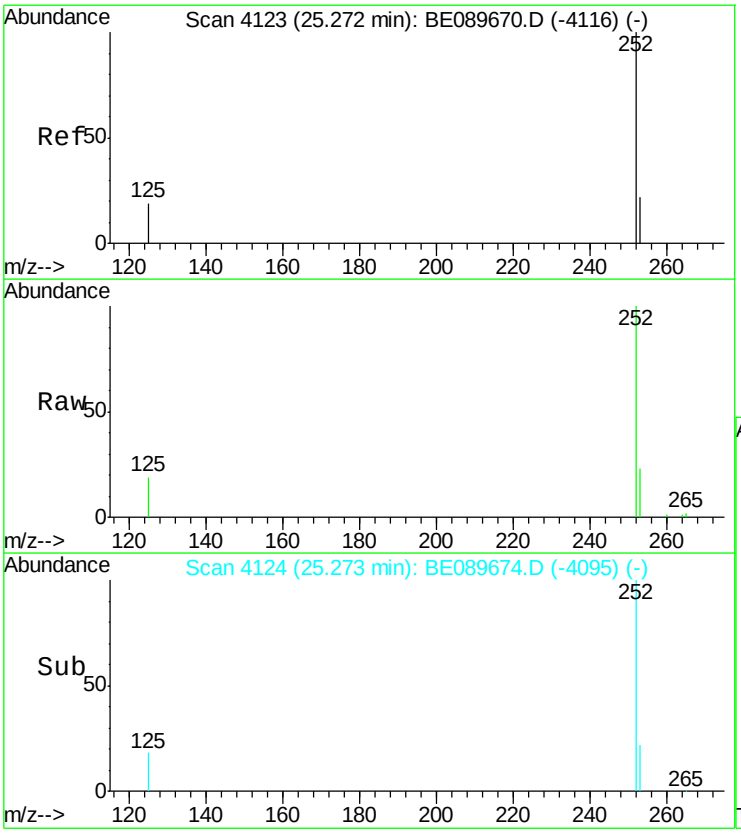
#27
Benzo(k)fluoranthene
Concen: 0.93 ng
RT: 24.94 min Scan# 4051
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:252 Resp: 20438

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	16.9	14.3	21.5

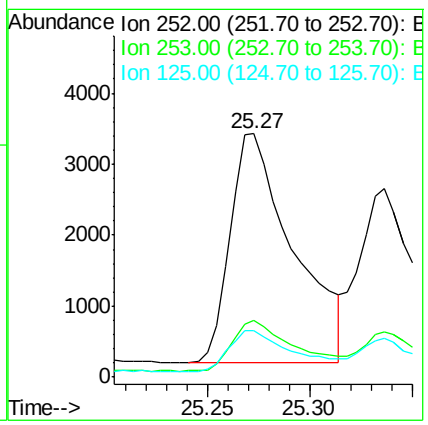


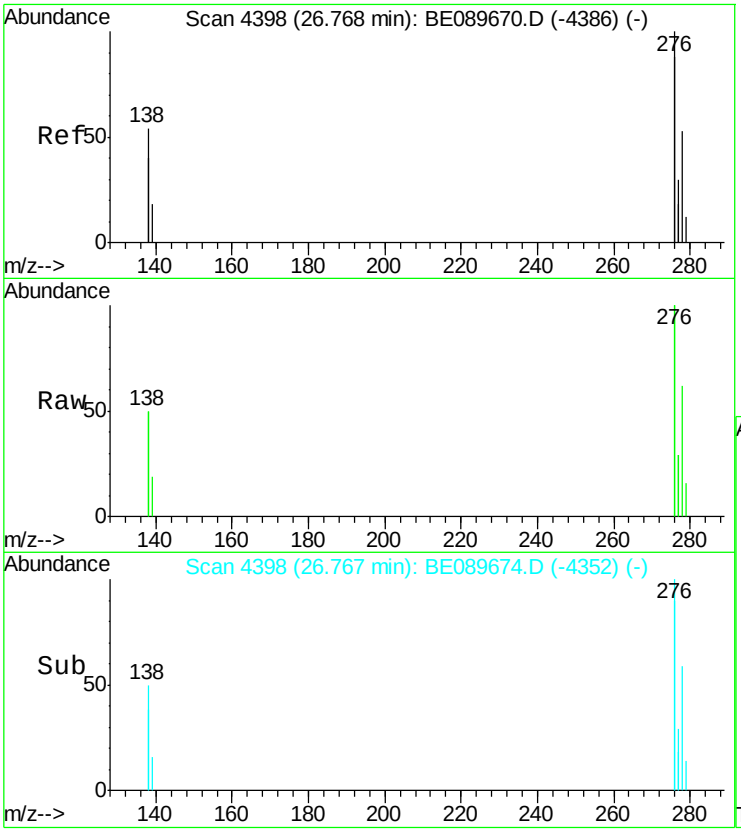


#28
Benzo(a)pyrene
Concen: 0.96 ng
RT: 25.27 min Scan# 4124
Delta R.T. 0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:252 Resp: 6922

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	18.9	16.6	24.8



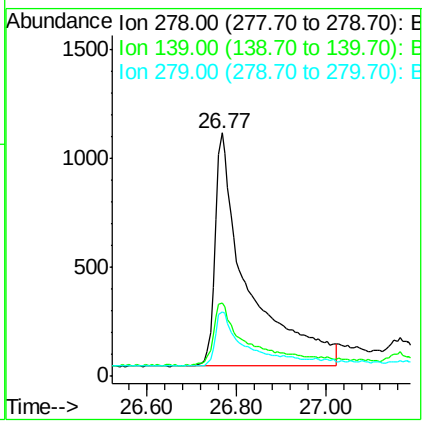


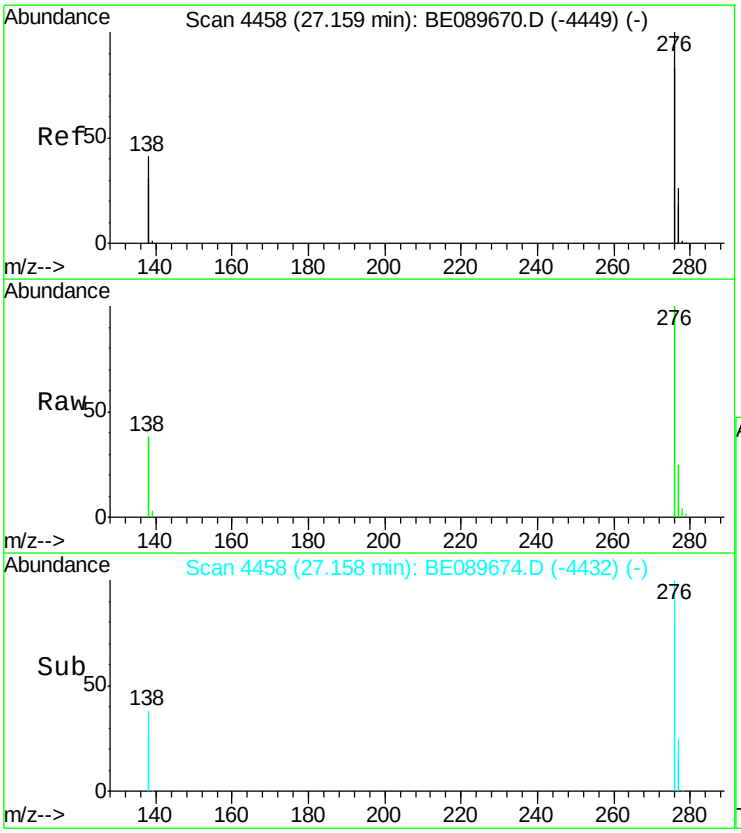
#29
Dibenzo(a,h)anthracene
Concen: 0.98 ng
RT: 26.77 min Scan# 4398
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Instrument :
BNA_E
ClientSampleId :
ICVBE022415

Tgt Ion:278 Resp: 5415

Ion	Ratio	Lower	Upper
278	100		
139	30.1	30.4	45.6#
279	26.4	22.0	33.0





#30
Benzo(g,h,i)perylene
Concen: 0.89 ng
RT: 27.16 min Scan# 4458
Delta R.T. -0.00 min
Lab File: BE089674.D
Acq: 24 Feb 2015 16:59

Tgt Ion:276 Resp: 36059

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.0	31.6
138	38.4	33.0	49.4