Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021715\
Data File : BE089587.D
Acq On : 17 Feb 2015 3:38
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 17 10:54:56 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIMPAH-BE021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 17 10:44:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	42246	5.00	ng	0.00
4) Naphthalene-d8	12.25	136	180453	5.00	ng	0.00
8) Acenaphthene-d10	16.43	164	89928	5.00	ng	0.00
13) Phenanthrene-d10	19.77	188	152882	5.00	ng	0.00
19) Chrysene-d12	23.66	240	129685	5.00	ng	0.00
25) Perylene-d12	25.34	264	110711	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	10.61	82	8574	1.05	ng	0.00
9) 2-Fluorobiphenyl	14.88	172	30285	1.06	ng	0.00
21) Terphenyl-d14	22.31	244	24211	1.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	6127	1.07	ng	100
3) n-Nitrosodimethylamine	3.32	42	6185	1.08	ng	100
6) Naphthalene	12.29	128	47063	1.04	ng	100
7) 2-Methylnaphthalene	13.95	142	30549	1.05	ng	100
10) Acenaphthylene	16.07	152	184423	1.07	ng	100
11) Acenaphthene	16.50	154	29280	1.04	ng	100
12) Fluorene	17.75	166	32984	1.05	ng	100
14) Hexachlorobenzene	19.00	284	8563	1.00	ng	100
15) Pentachlorophenol	19.44	266	2062	0.81	ng	100
16) Phenanthrene	19.82	178	47460	1.03	ng	100
17) Anthracene	19.91	178	39744	1.05	ng	100
18) Fluoranthene	21.72	202	39994	1.04	ng	100
20) Pyrene	22.04	202	43889	1.06	ng	100
22) Benzo(a)anthracene	23.65	228	135811	1.01	ng	100
23) Chrysene	23.69	228	161659	1.02	ng	100
24) Indeno(1,2,3-cd)pyrene	26.75	276	122806	1.06	ng	100
26) Benzo(b)fluoranthene	24.91	252	21918	0.98	ng	100
27) Benzo(k)fluoranthene	24.95	252	41395	1.13	ng	100
28) Benzo(a)pyrene	25.28	252	22217	1.02	ng	100
29) Dibenzo(a,h)anthracene	26.78	278	24012	1.08	ng	100
30) Benzo(g,h,i)perylene	27.17	276	116164	1.07	ng	100

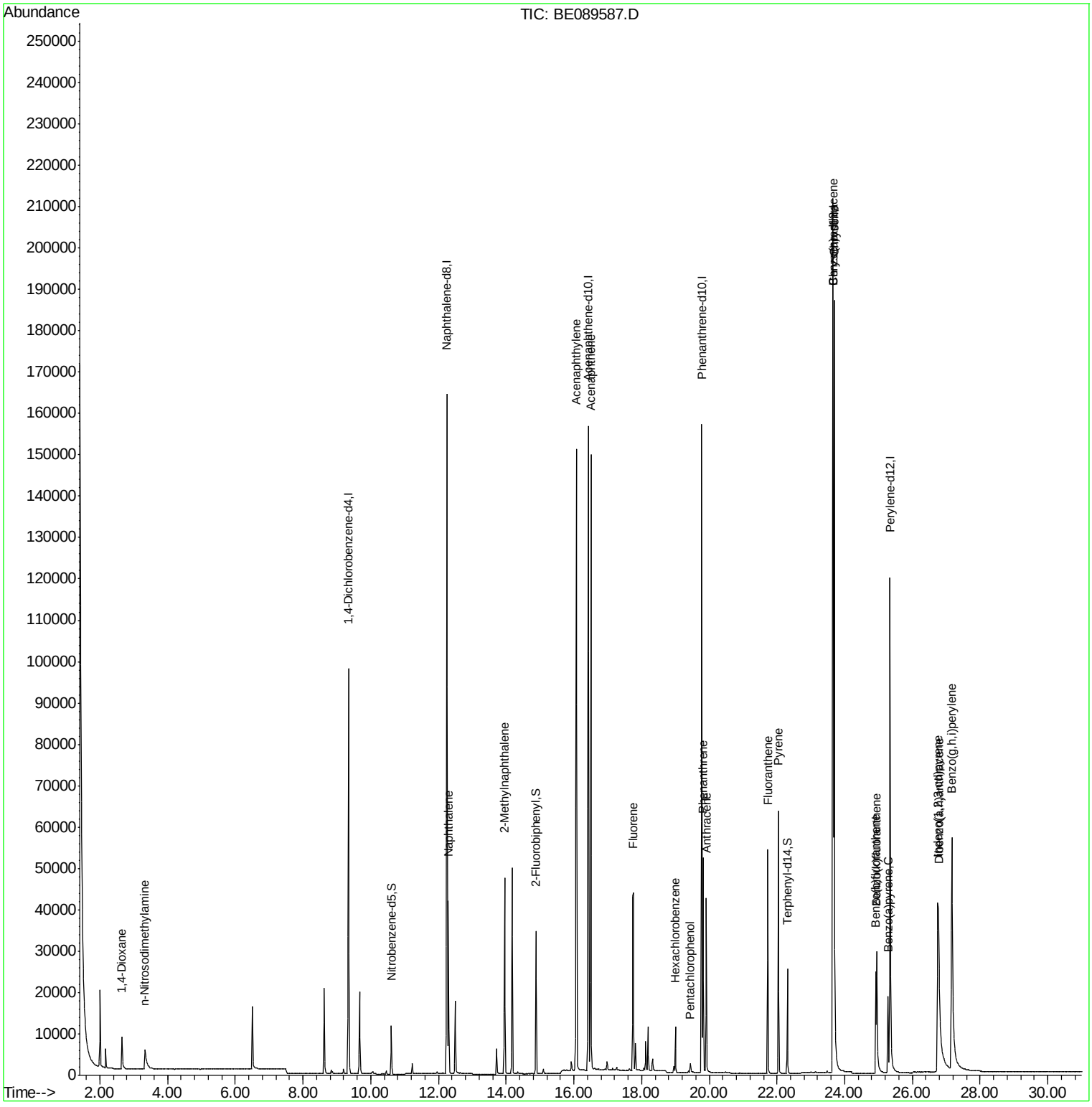
(#) = qualifier out of range (m) = manual integration (+) = signals summed

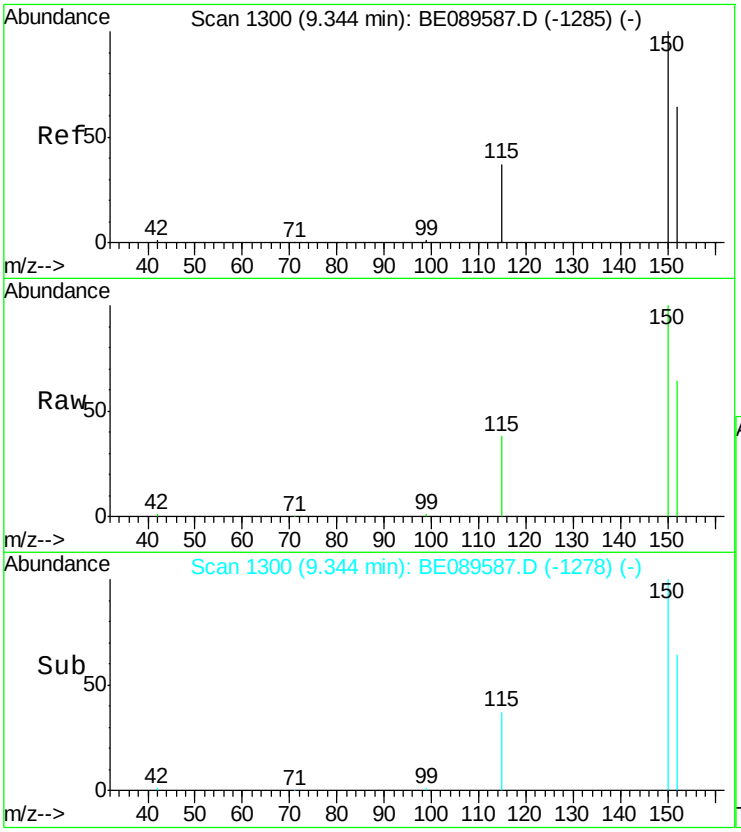
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021715\
Data File : BE089587.D
Acq On : 17 Feb 2015 3:38
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 17 10:54:56 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIMPAH-BE021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 17 10:44:47 2015
Response via : Initial Calibration



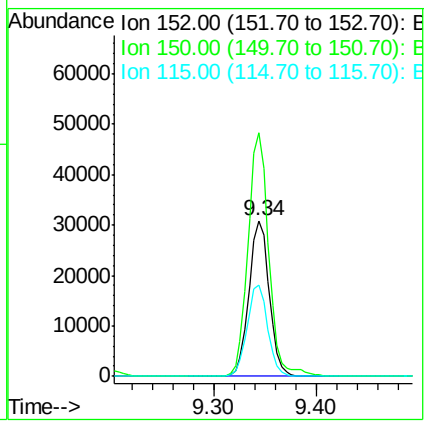


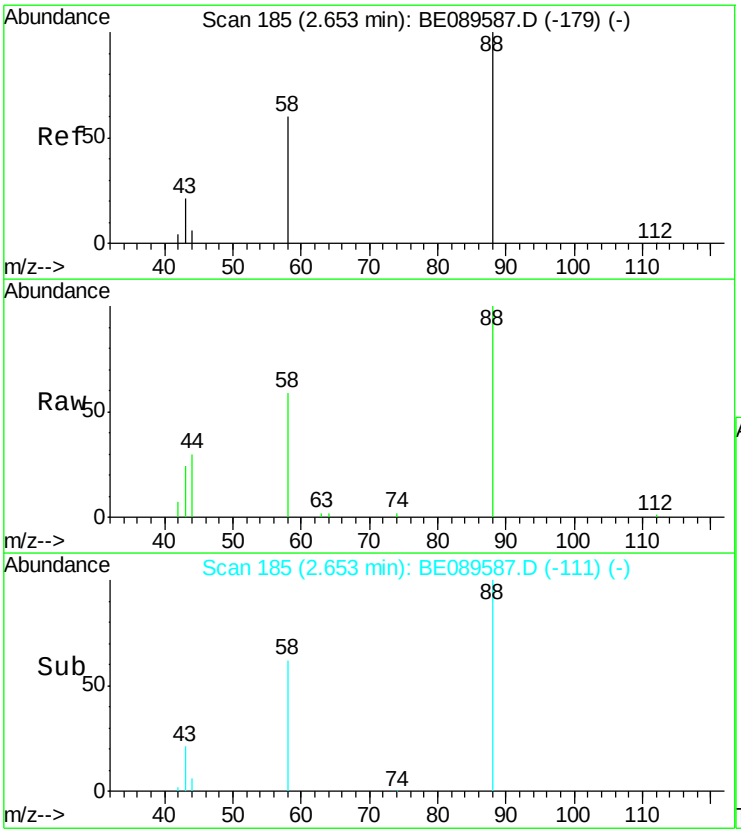
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 42246

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	58.7	47.0	70.4

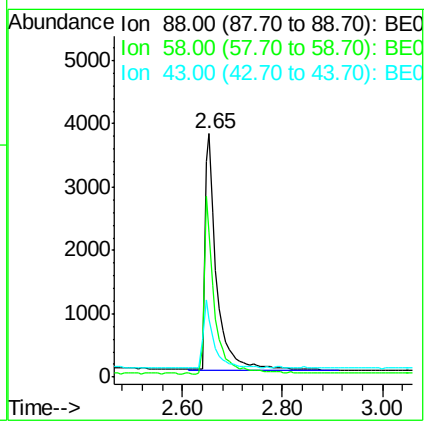


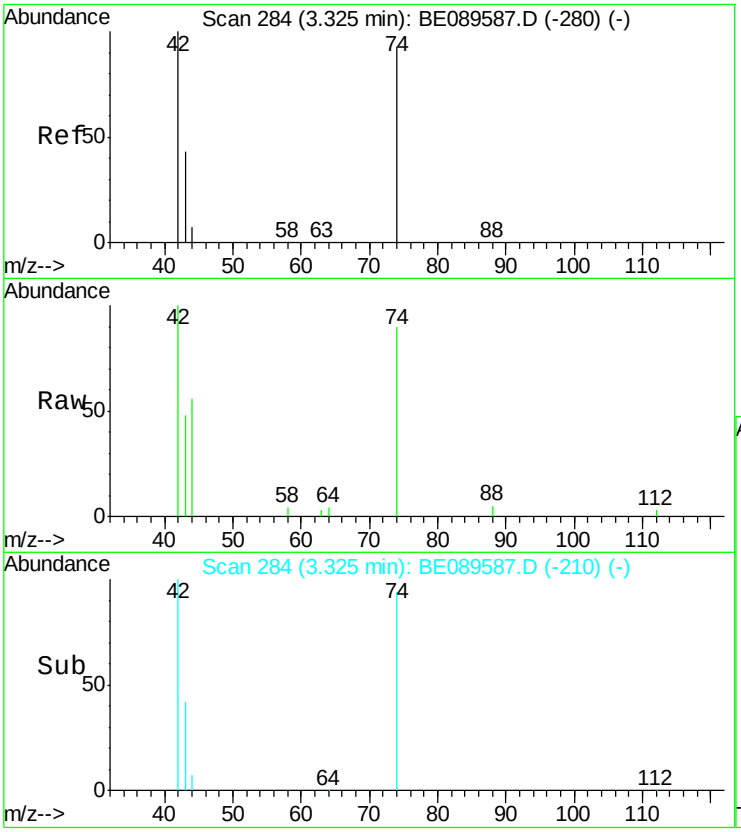


#2
1,4-Dioxane
Concen: 1.07 ng
RT: 2.65 min Scan# 185
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion: 88 Resp: 6127

Ion	Ratio	Lower	Upper
88	100		
58	66.2	53.0	79.4
43	24.9	19.9	29.9



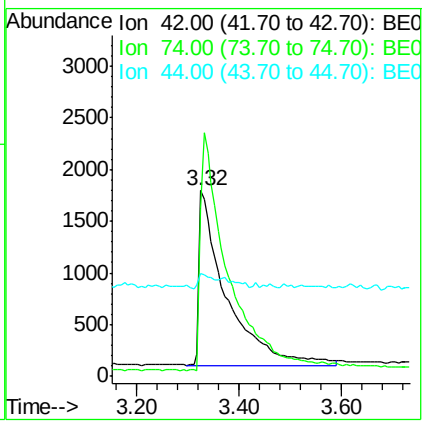


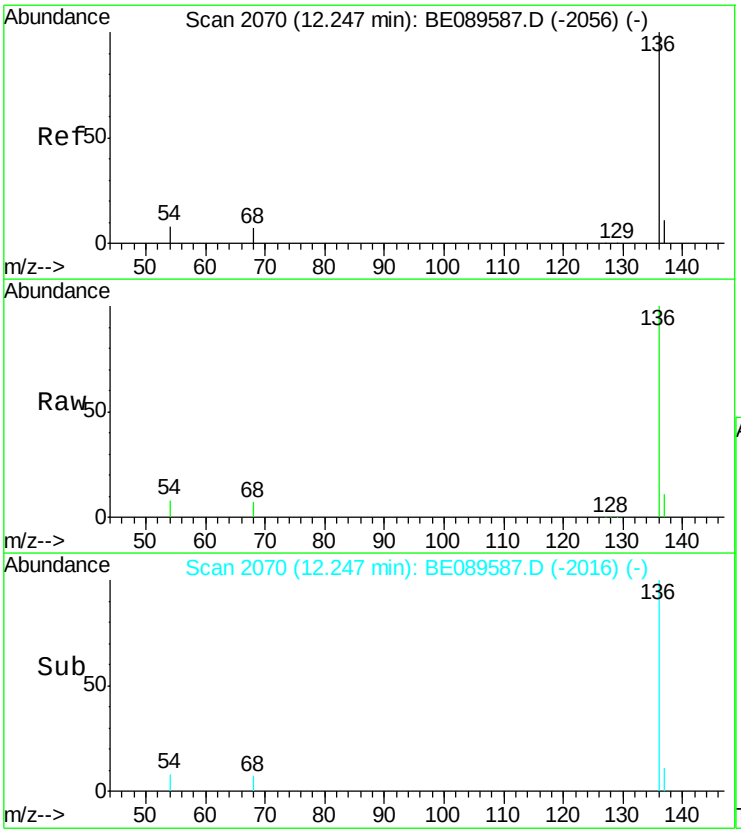
#3
n-Nitrosodimethylamine
Concen: 1.08 ng
RT: 3.32 min Scan# 284
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 6185

Ion	Ratio	Lower	Upper
42	100		
74	142.8	114.2	171.4
44	4.5	3.6	5.4

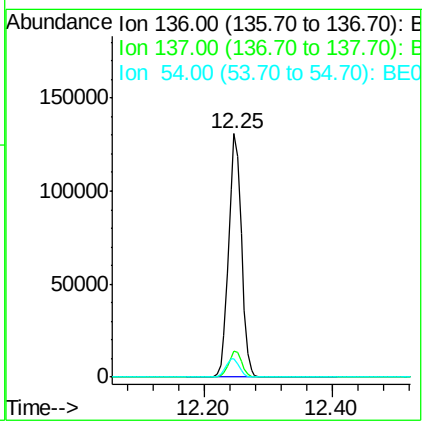


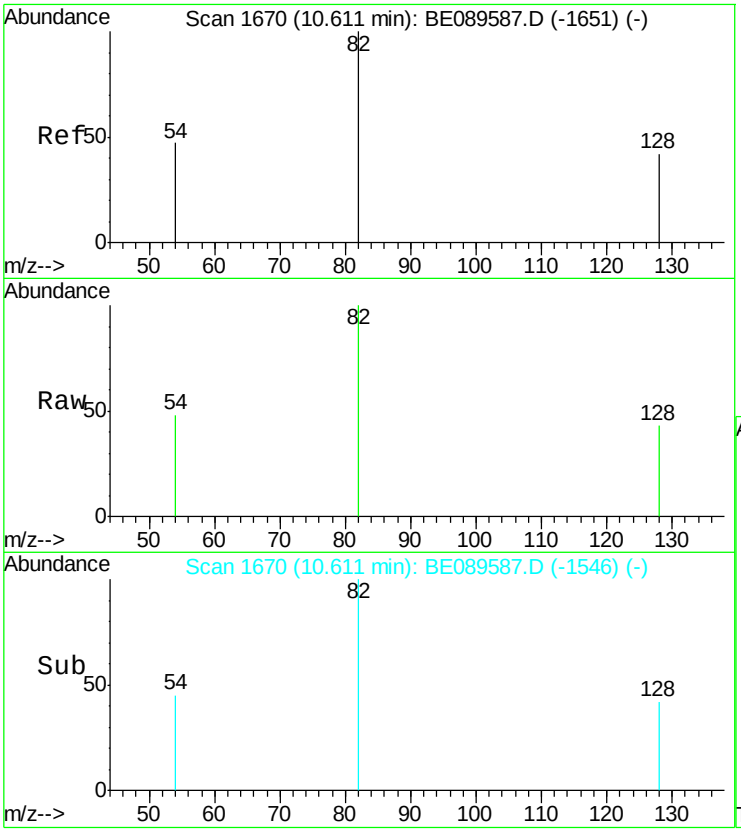


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:136 Resp: 180453

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.2	9.2



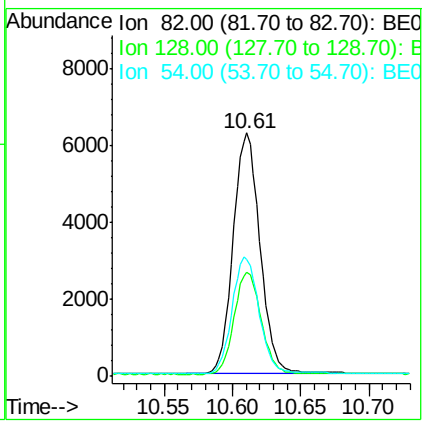


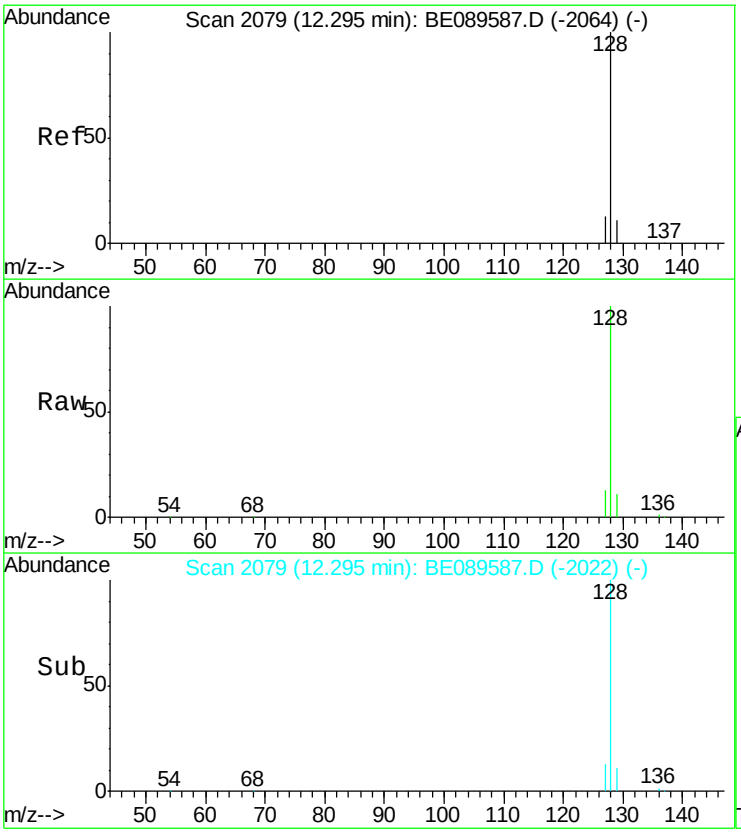
#5
Nitrobenzene-d5
Concen: 1.05 ng
RT: 10.61 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 8574

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	48.0	38.4	57.6

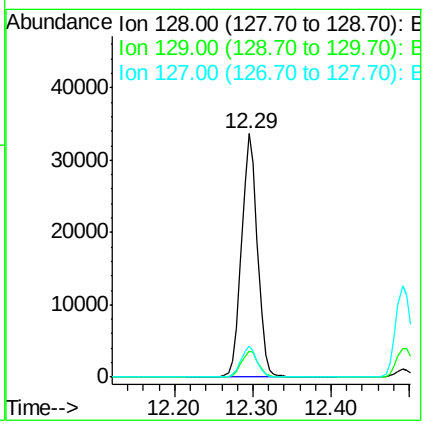


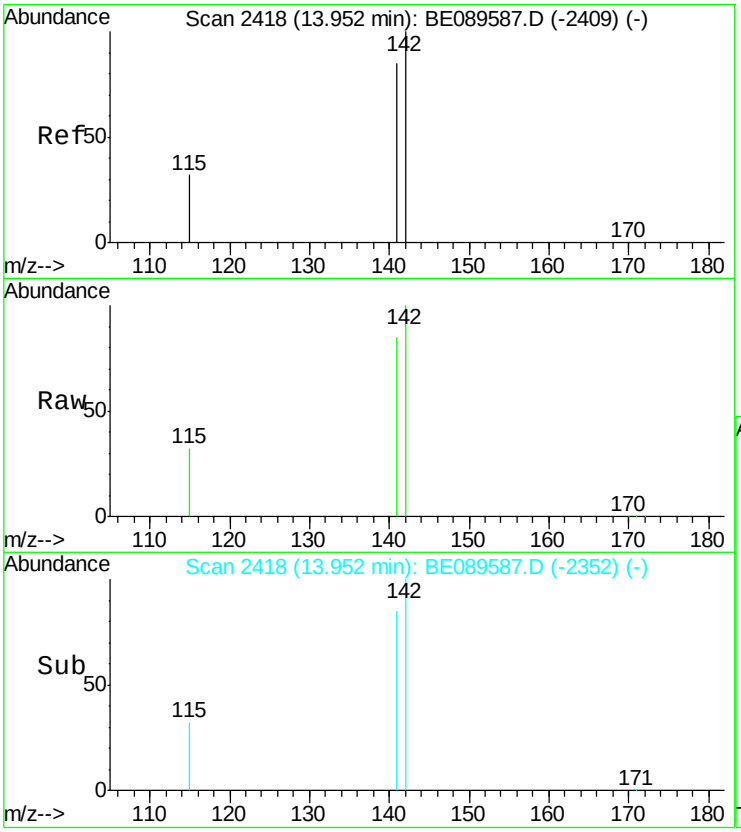


#6
Naphthalene
Concen: 1.04 ng
RT: 12.29 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:128 Resp: 47063

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.8	10.2	15.4



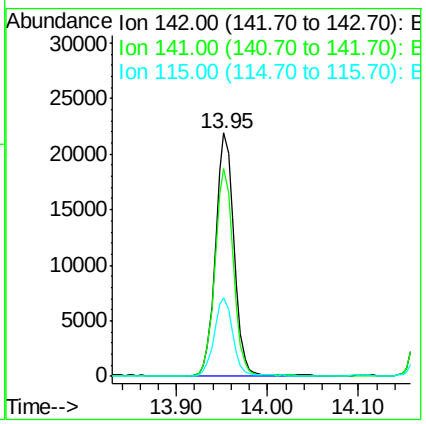


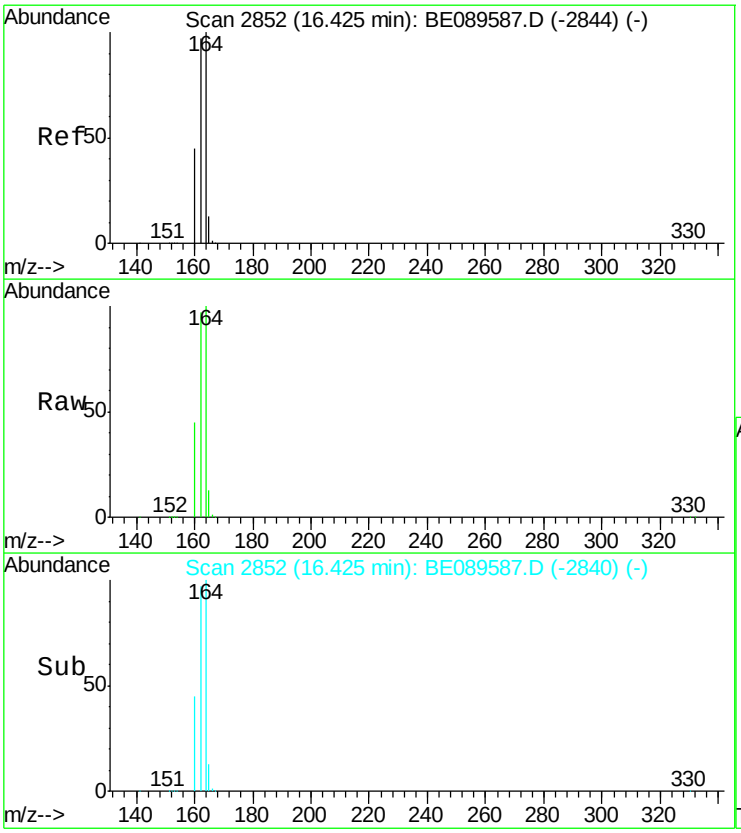
#7
2-Methylnaphthalene
Concen: 1.05 ng
RT: 13.95 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 30549

Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.1	102.1
115	32.3	25.8	38.8

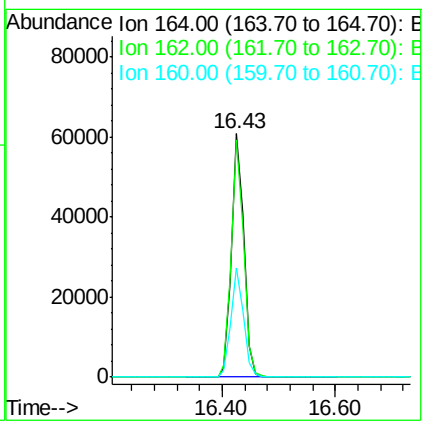


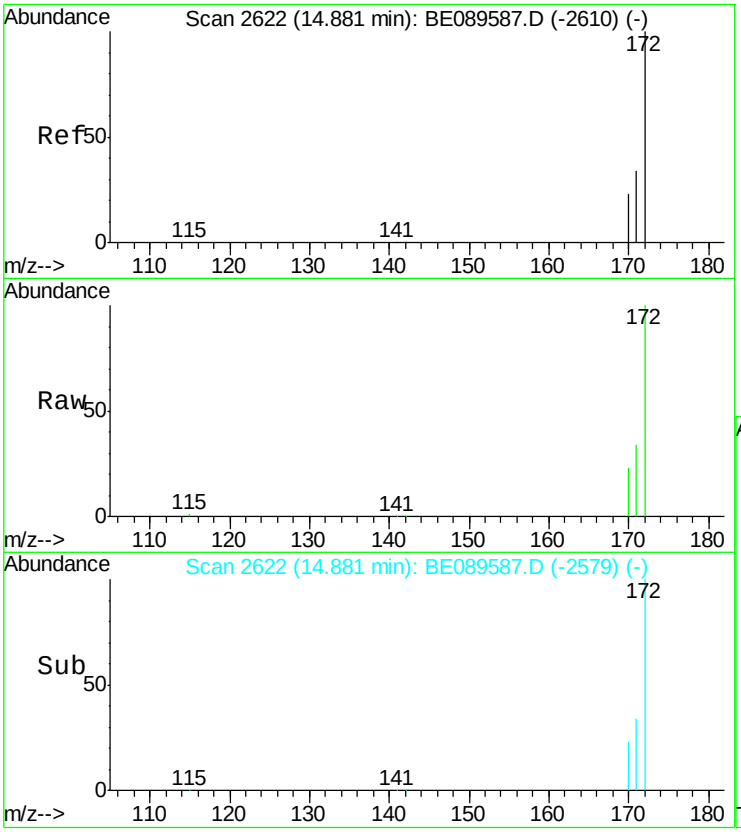


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.43 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:164 Resp: 89928

Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.8	116.8
160	44.7	35.8	53.6



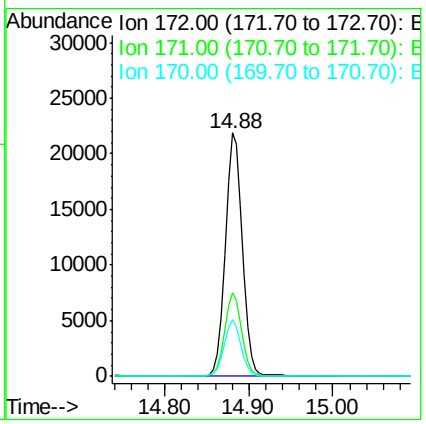


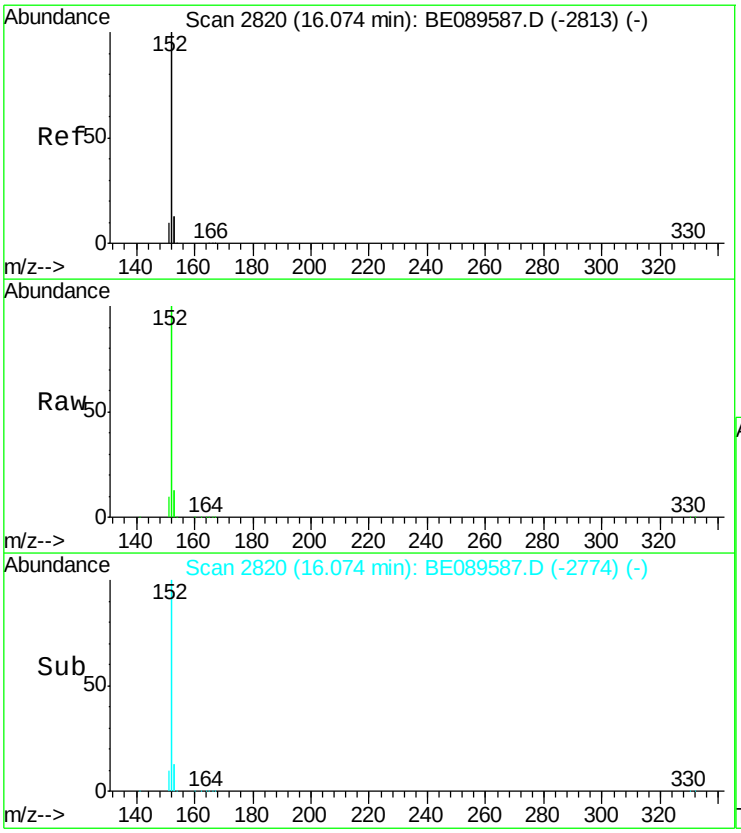
#9
2-Fluorobiphenyl
Concen: 1.06 ng
RT: 14.88 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 30285

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.2	18.6	27.8

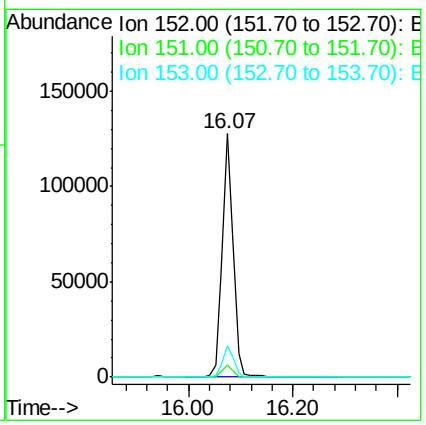


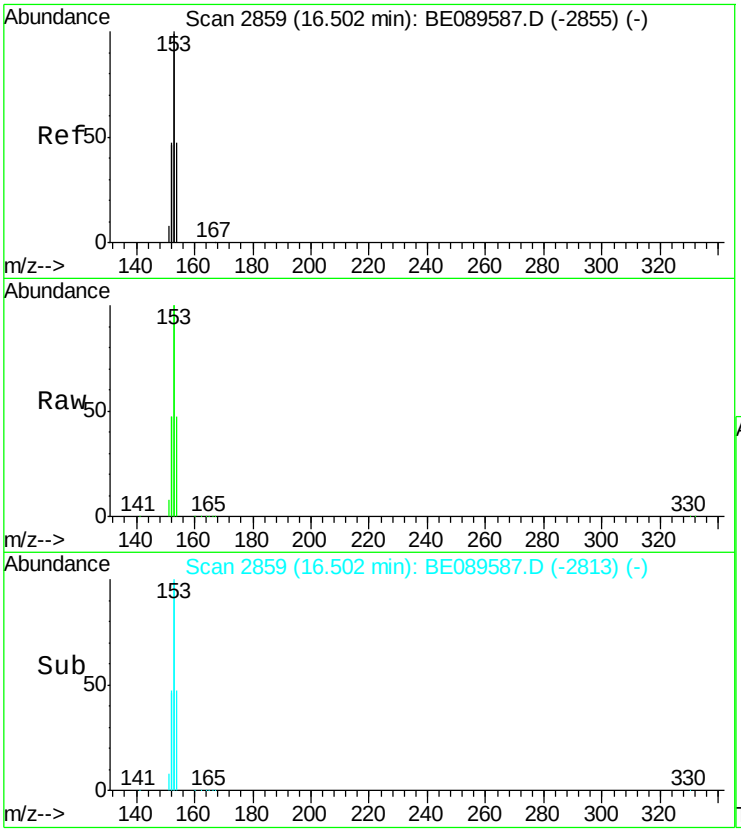


#10
Acenaphthylene
Concen: 1.07 ng
RT: 16.07 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:152 Resp: 184423

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.4	15.6



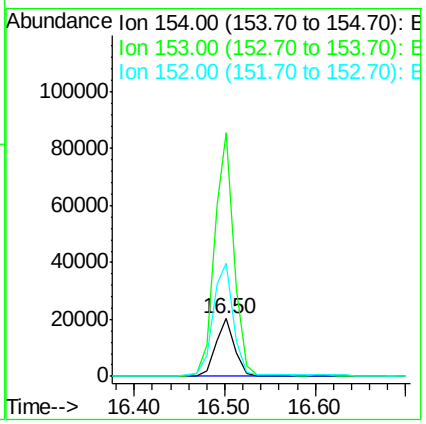


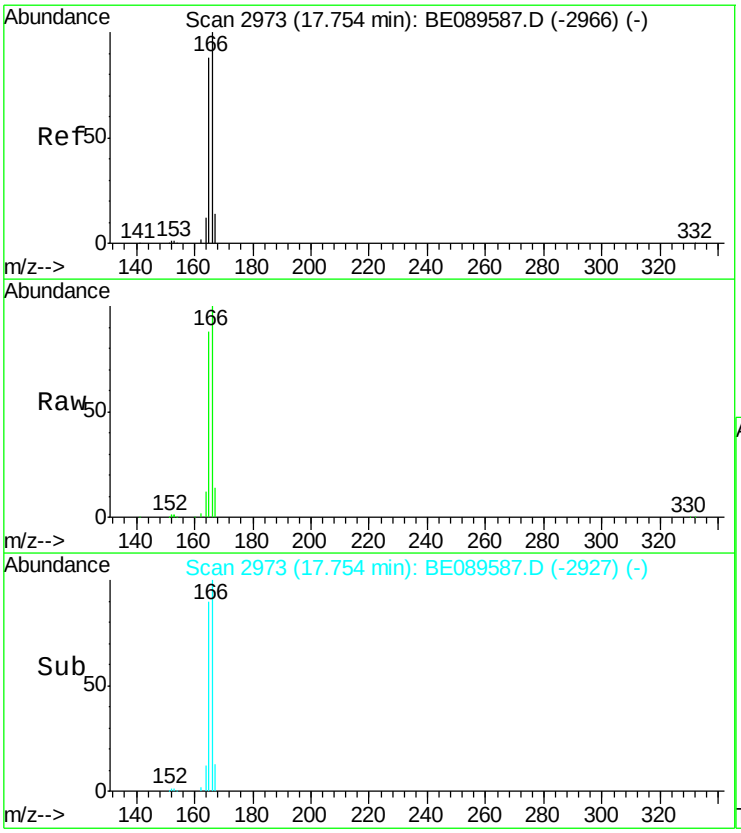
#11
Acenaphthene
Concen: 1.04 ng
RT: 16.50 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 29280

Ion	Ratio	Lower	Upper
154	100		
153	433.2	346.6	519.8
152	211.3	169.0	253.6

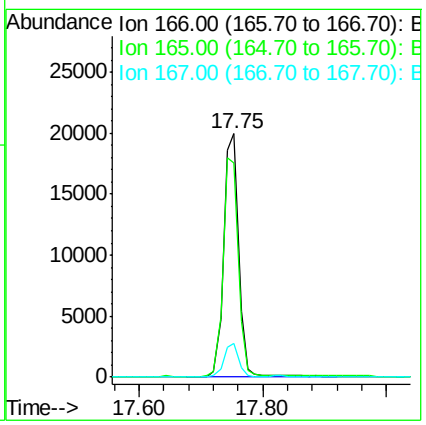


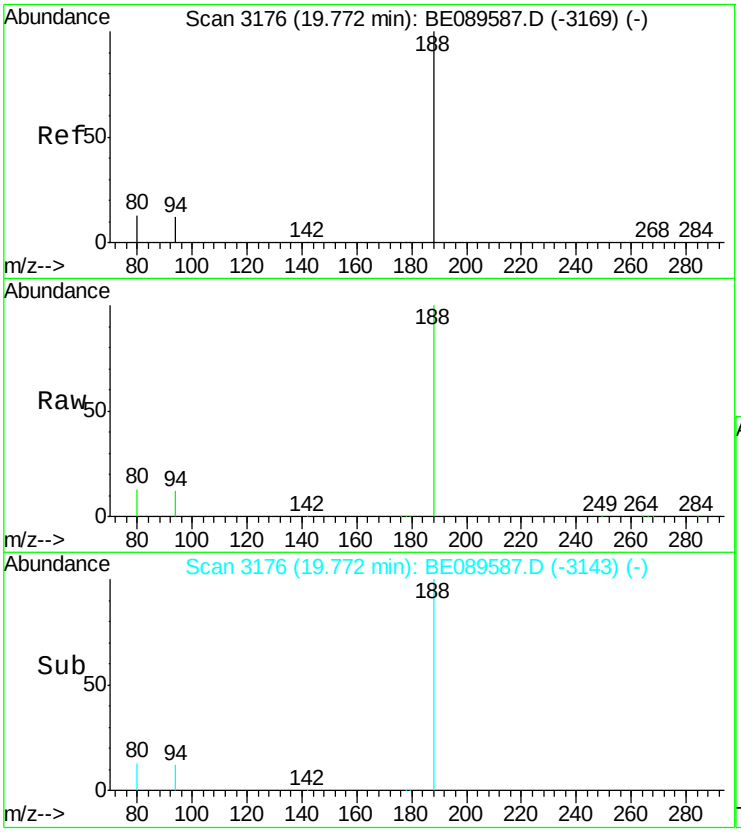


#12
Fluorene
Concen: 1.05 ng
RT: 17.75 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:166 Resp: 32984

Ion	Ratio	Lower	Upper
166	100		
165	92.2	73.8	110.6
167	13.2	10.6	15.8



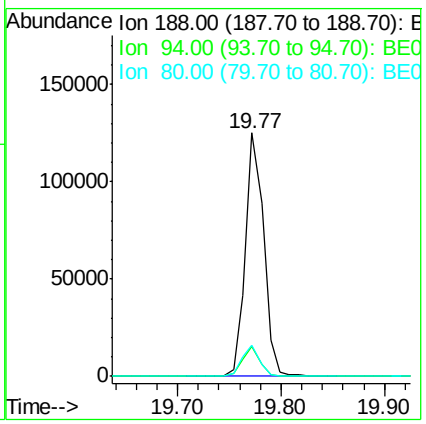


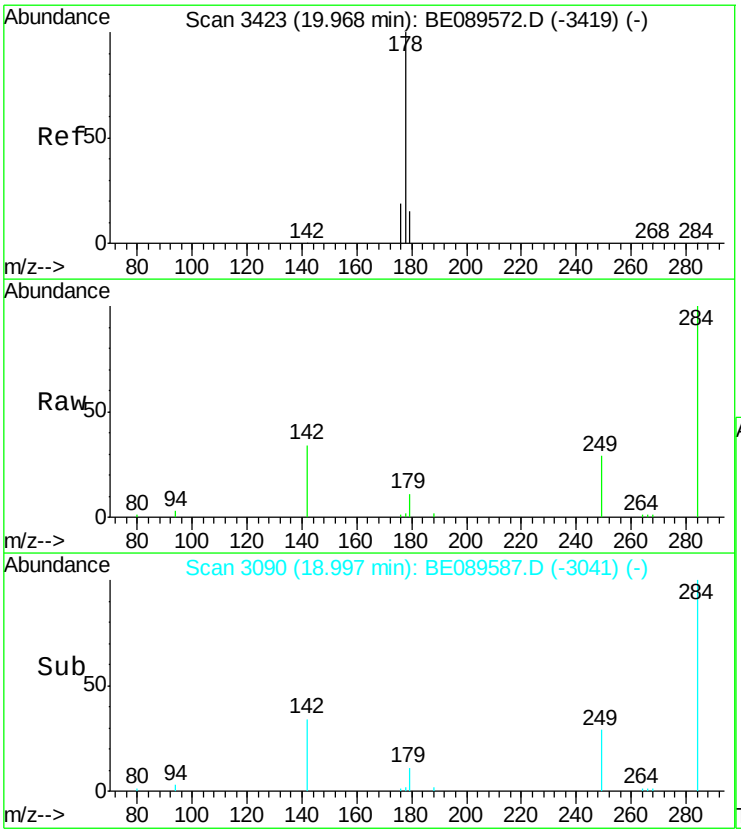
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 152882

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.8	14.8
80	12.8	10.2	15.4

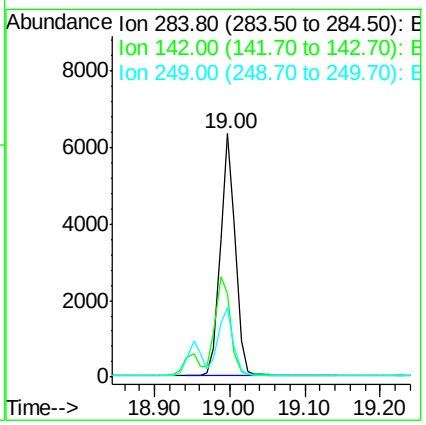


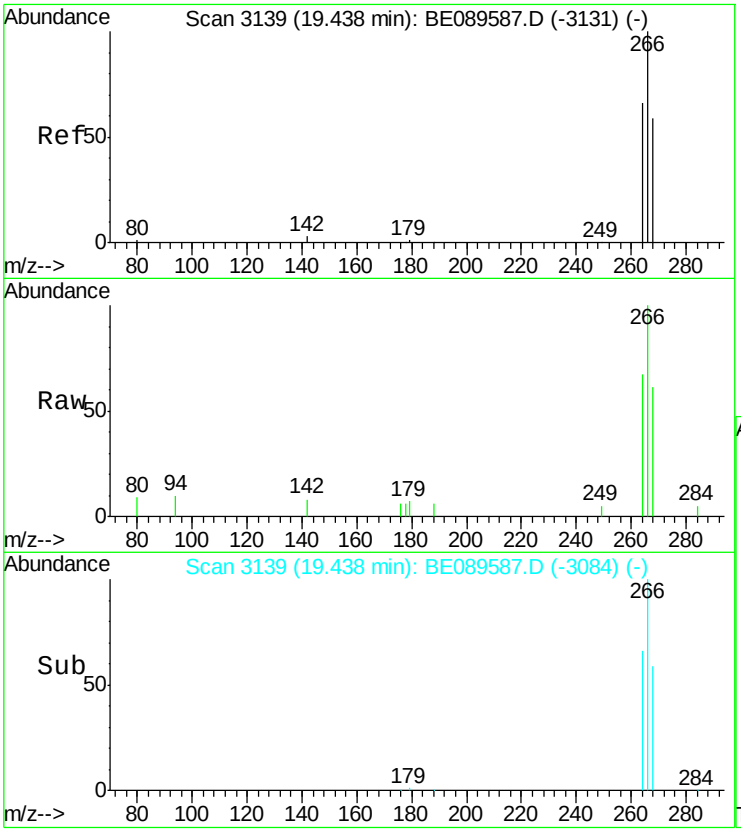


#14
Hexachlorobenzene
Concen: 1.00 ng
RT: 19.00 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:284 Resp: 8563

Ion	Ratio	Lower	Upper
284	100		
142	41.4	33.1	49.7
249	28.5	22.8	34.2



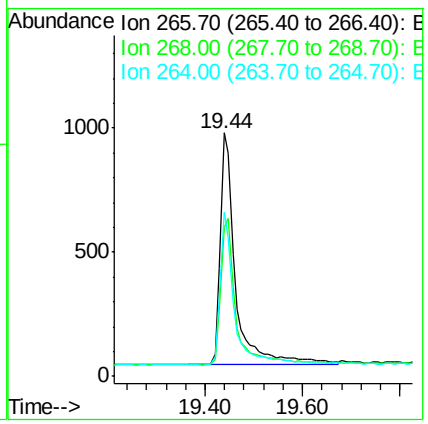


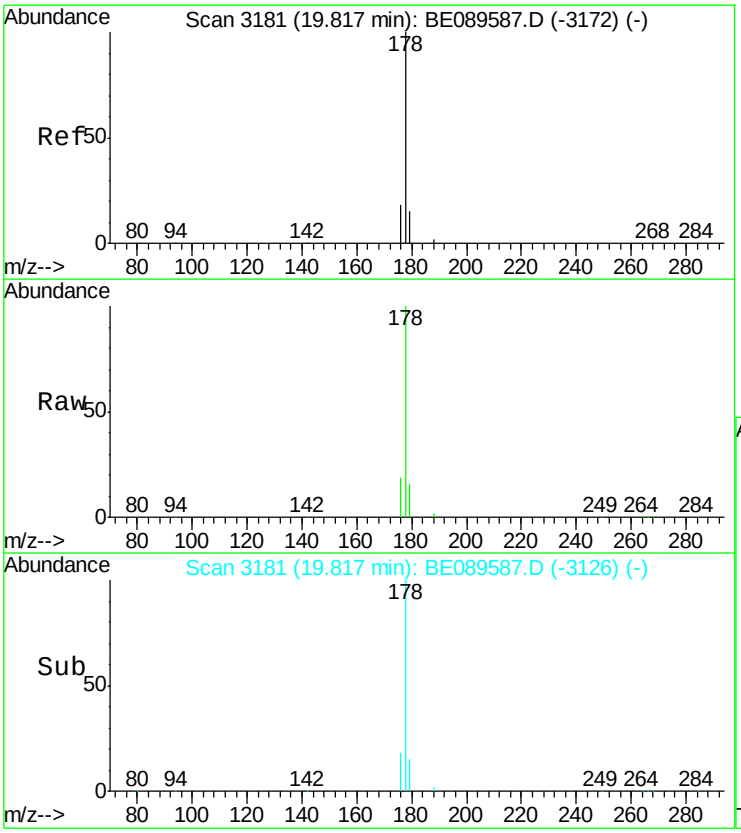
#15
Pentachlorophenol
Concen: 0.81 ng
RT: 19.44 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 2062

Ion	Ratio	Lower	Upper
266	100		
268	61.0	48.8	73.2
264	67.4	53.9	80.9

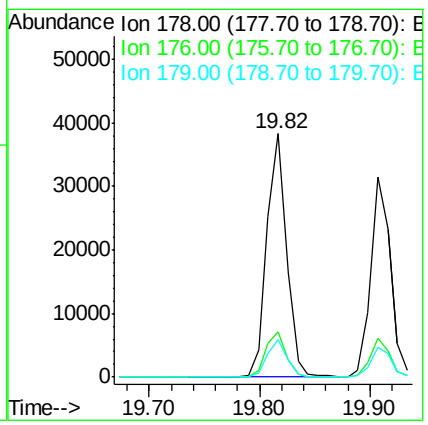


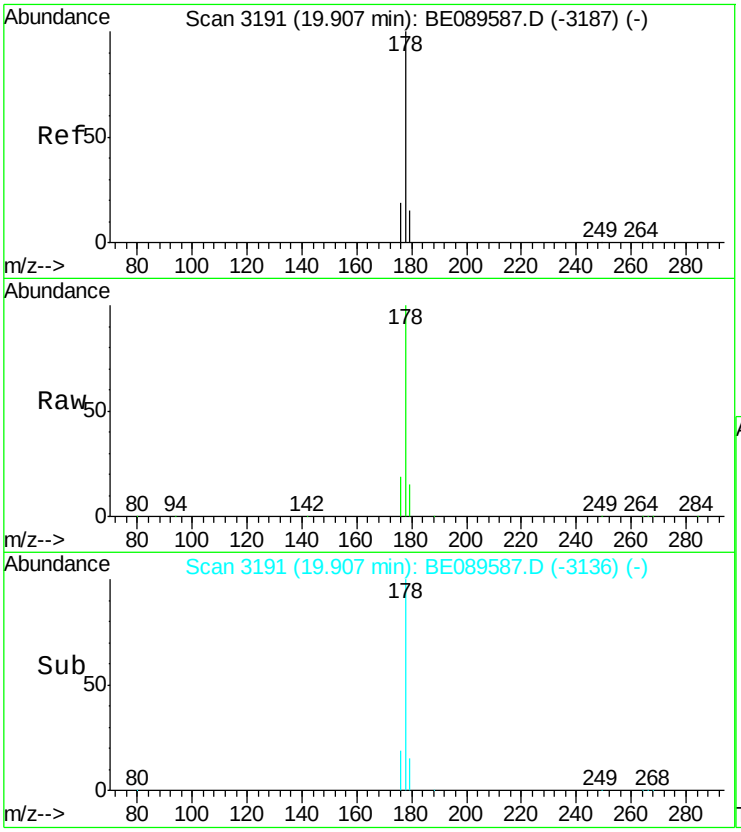


#16
Phenanthrene
Concen: 1.03 ng
RT: 19.82 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:178 Resp: 47460

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.4	18.6



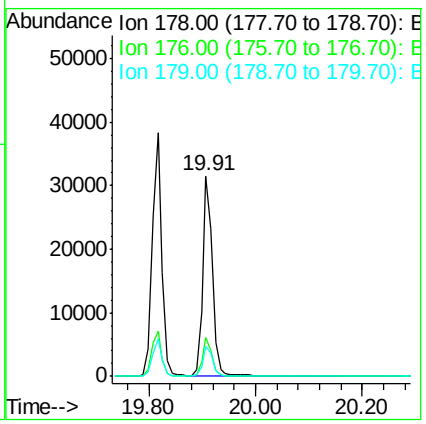


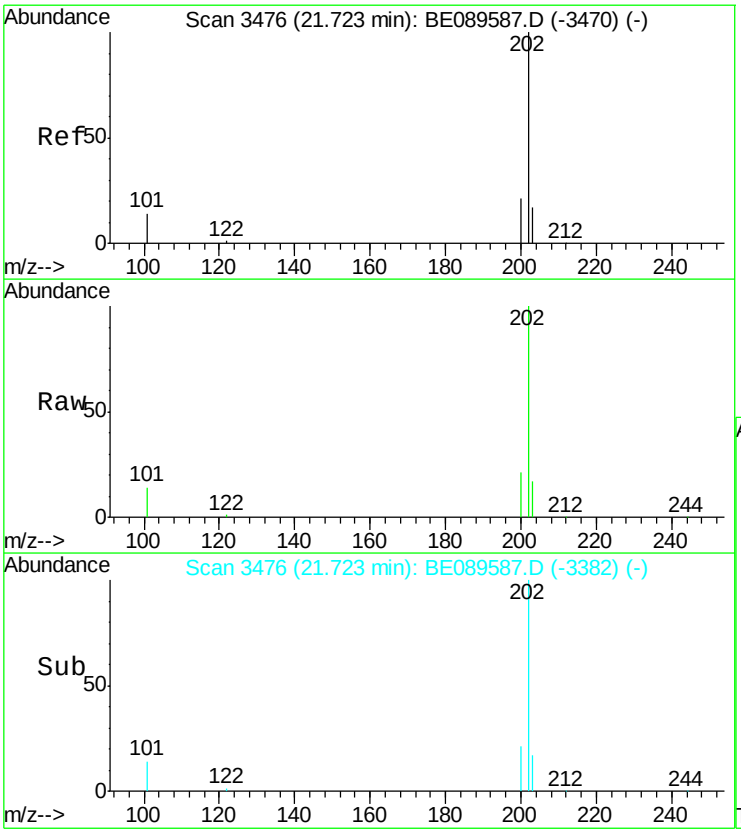
#17
Anthracene
Concen: 1.05 ng
RT: 19.91 min Scan# 3191
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 39744

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.2	12.2	18.2

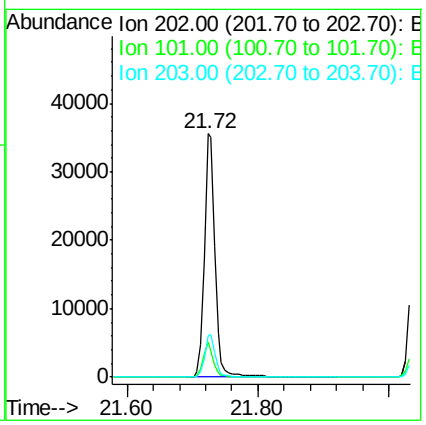


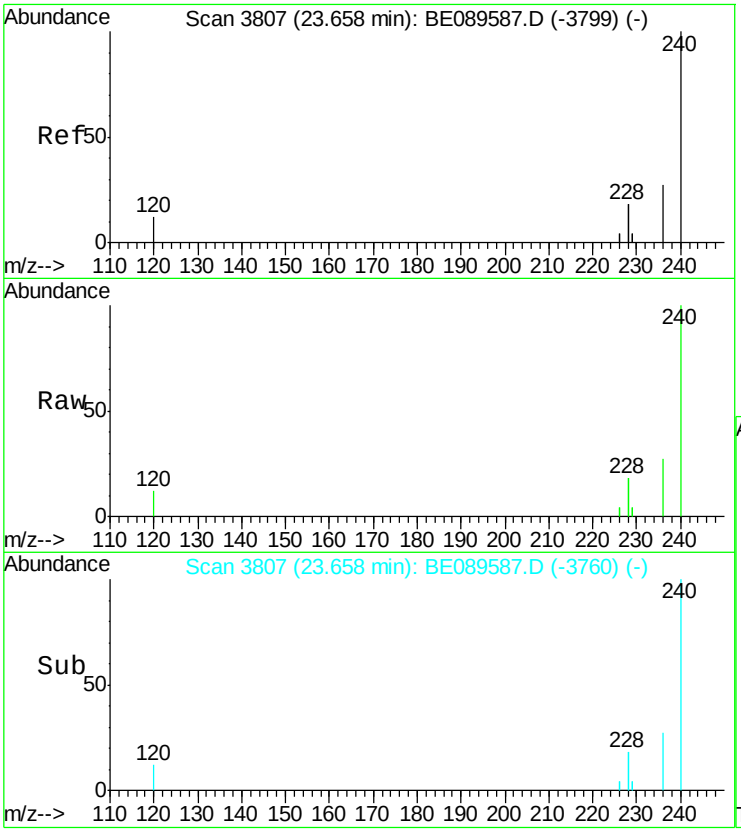


#18
Fluoranthene
Concen: 1.04 ng
RT: 21.72 min Scan# 3476
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:202 Resp: 39994

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.3	15.5
203	17.2	13.8	20.6



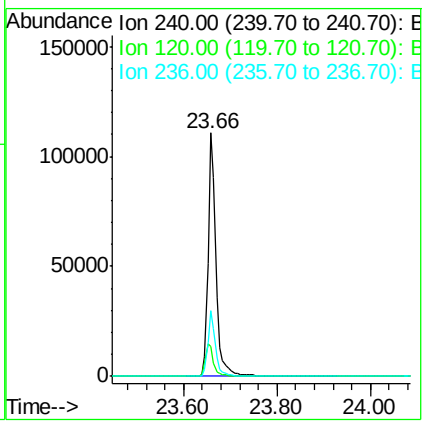


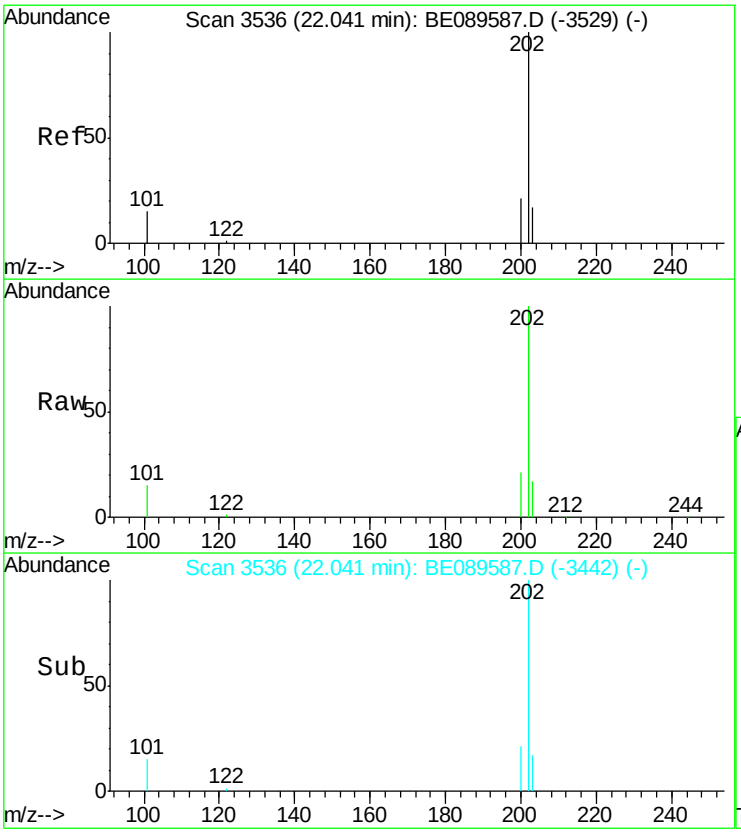
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 129685

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.9	14.9
236	26.9	21.5	32.3

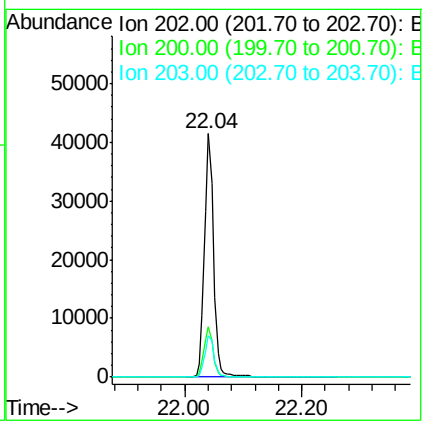


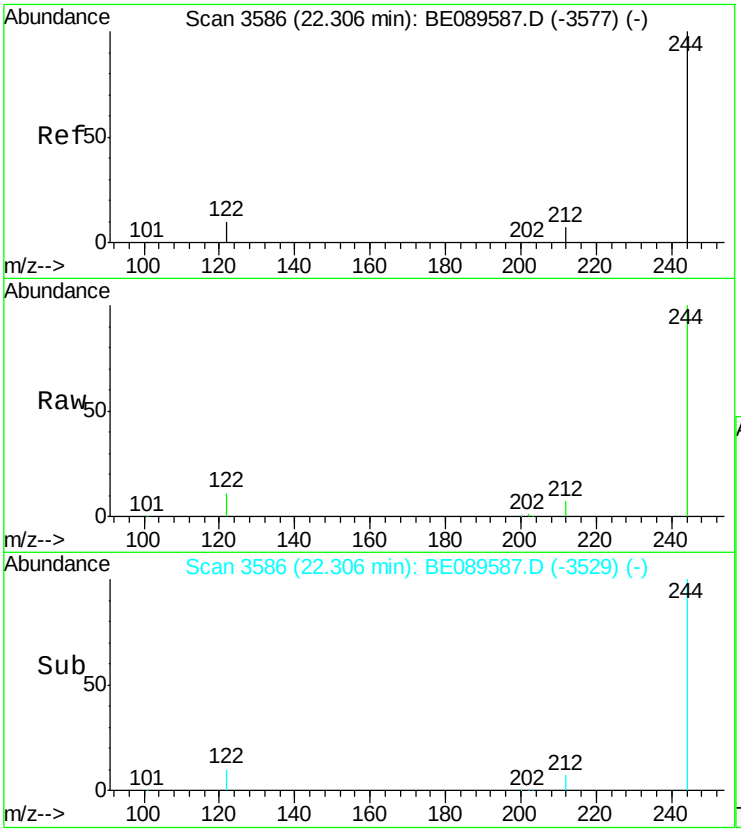


#20
Pyrene
Concen: 1.06 ng
RT: 22.04 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:202 Resp: 43889

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.3	13.8	20.8



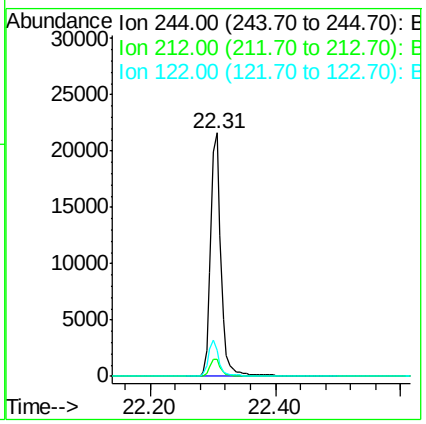


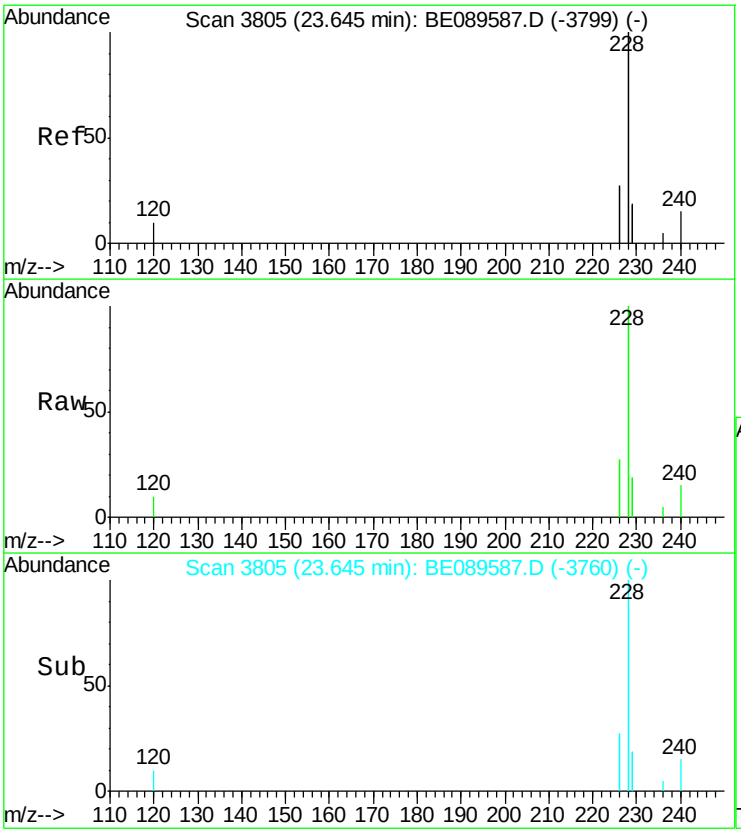
#21
Terphenyl-d14
Concen: 1.00 ng
RT: 22.31 min Scan# 3586
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 24211

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.7	8.6	12.8

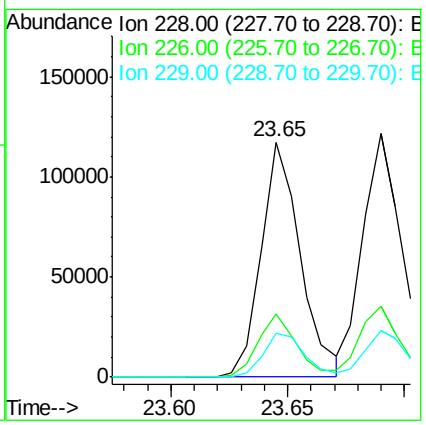


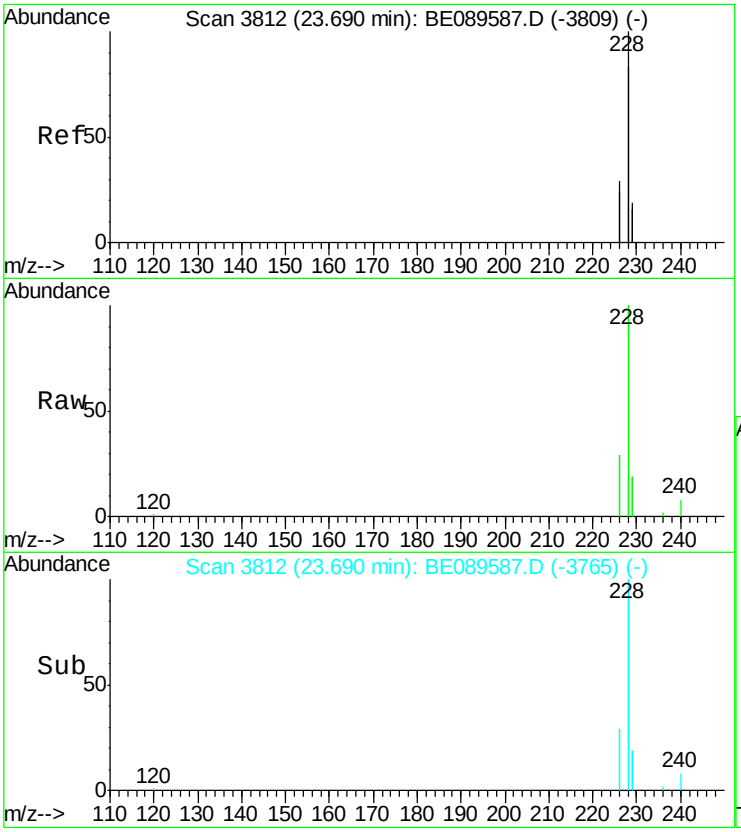


#22
Benzo(a)anthracene
Concen: 1.01 ng
RT: 23.65 min Scan# 3805
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:228 Resp: 135811

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	18.7	15.0	22.4



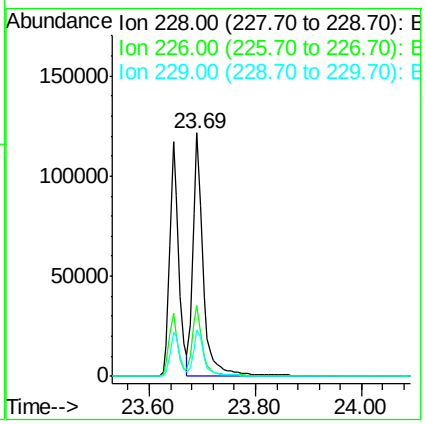


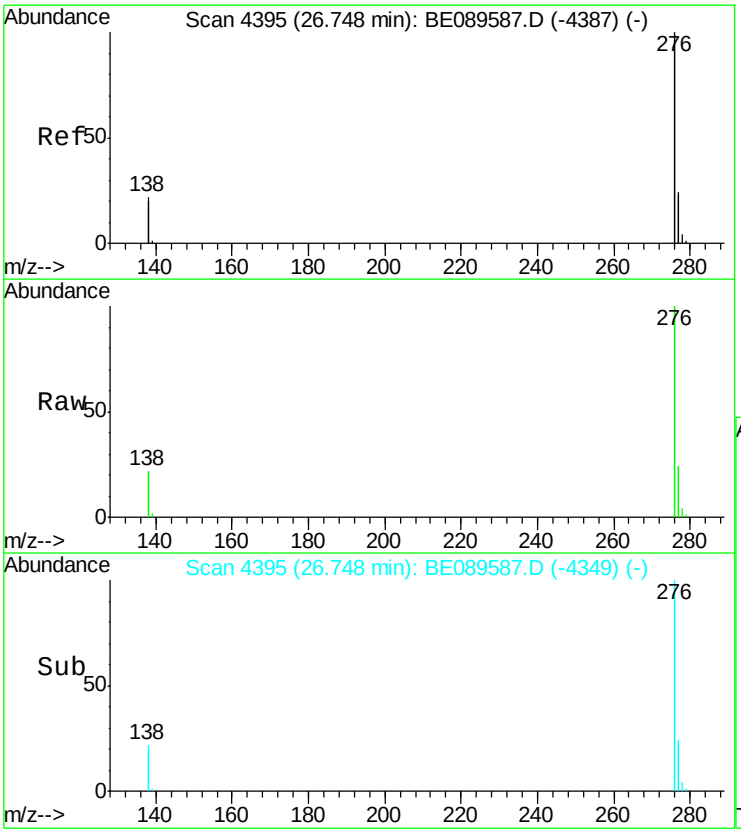
#23
Chrysene
Concen: 1.02 ng
RT: 23.69 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 161659

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	19.3	15.4	23.2

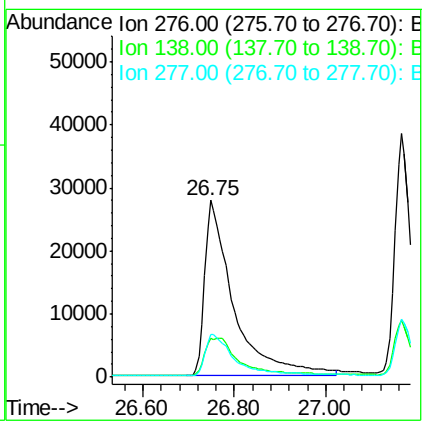


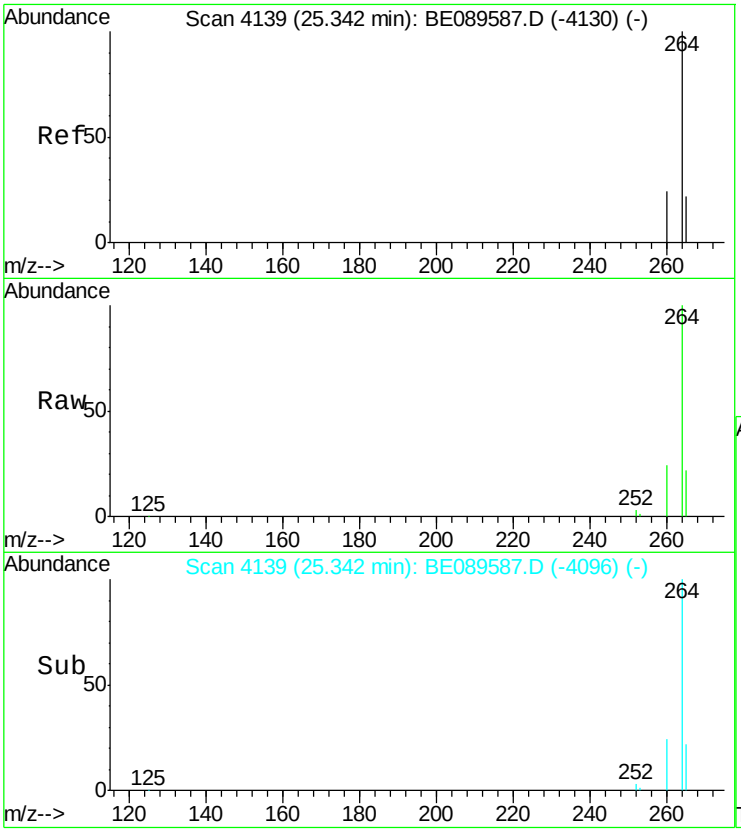


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.06 ng
RT: 26.75 min Scan# 4395
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:276 Resp: 122806

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.0	31.6
277	25.0	20.0	30.0



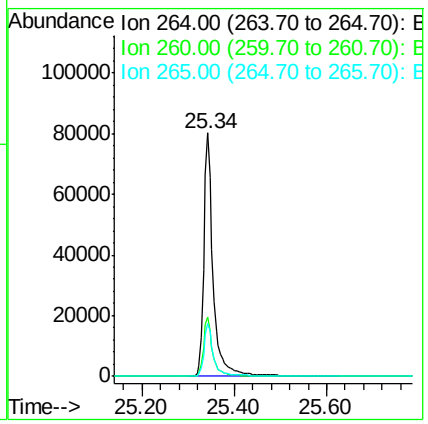


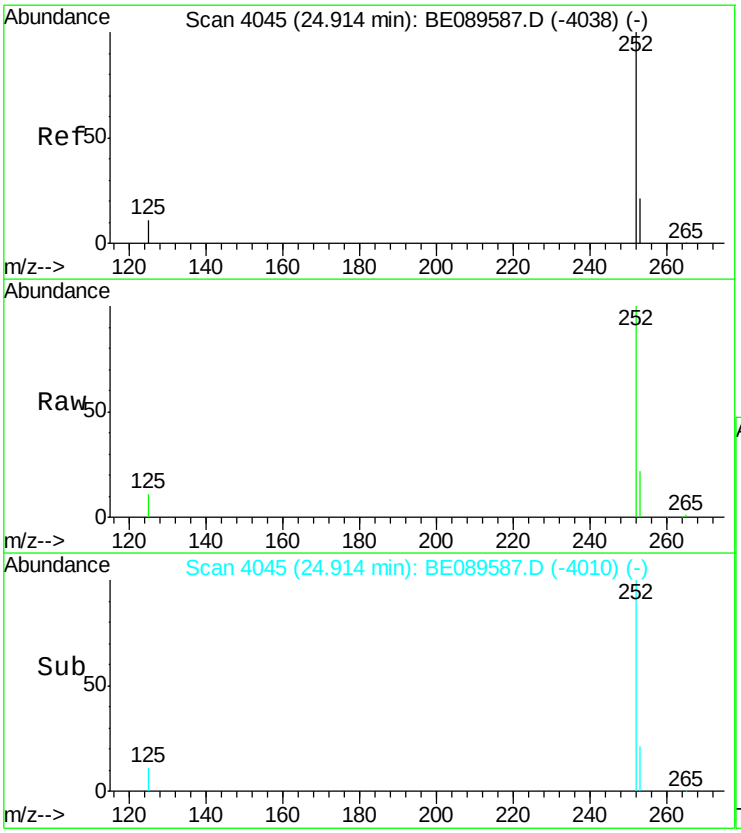
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4139
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 110711

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.7	17.4	26.0

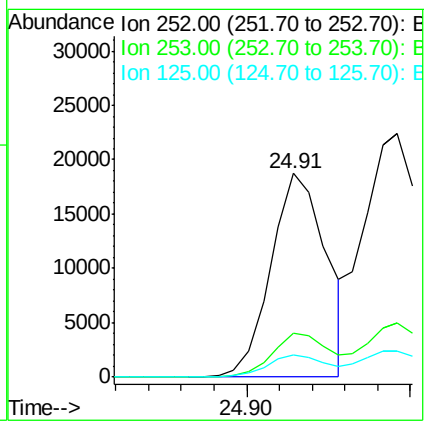


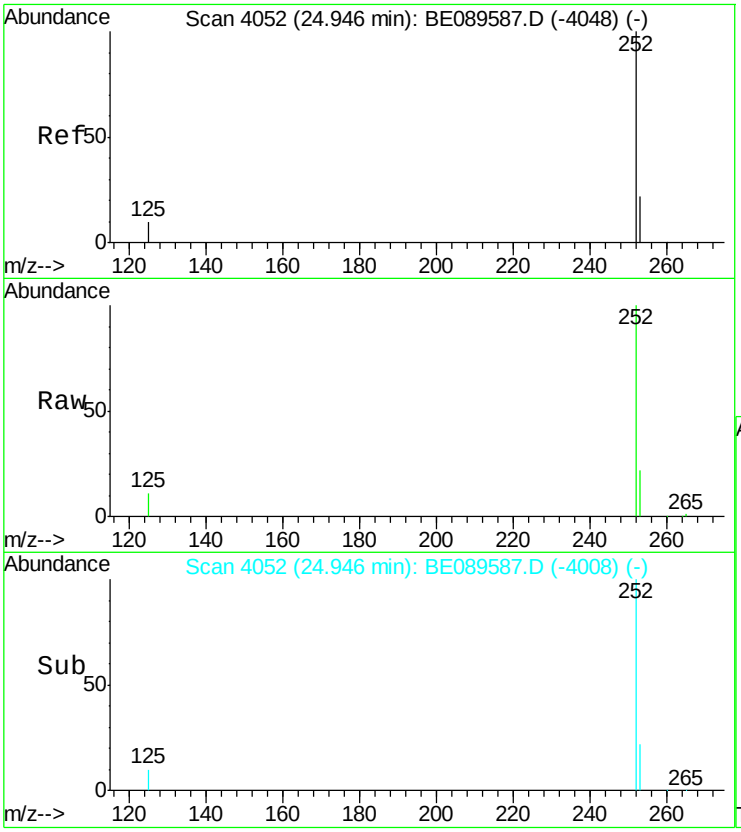


#26
Benzo(b)fluoranthene
Concen: 0.98 ng
RT: 24.91 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:252 Resp: 21918

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	11.1	8.9	13.3



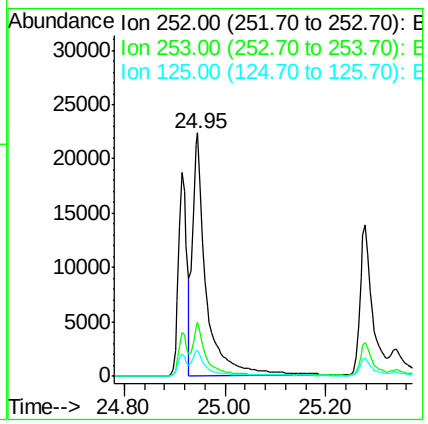


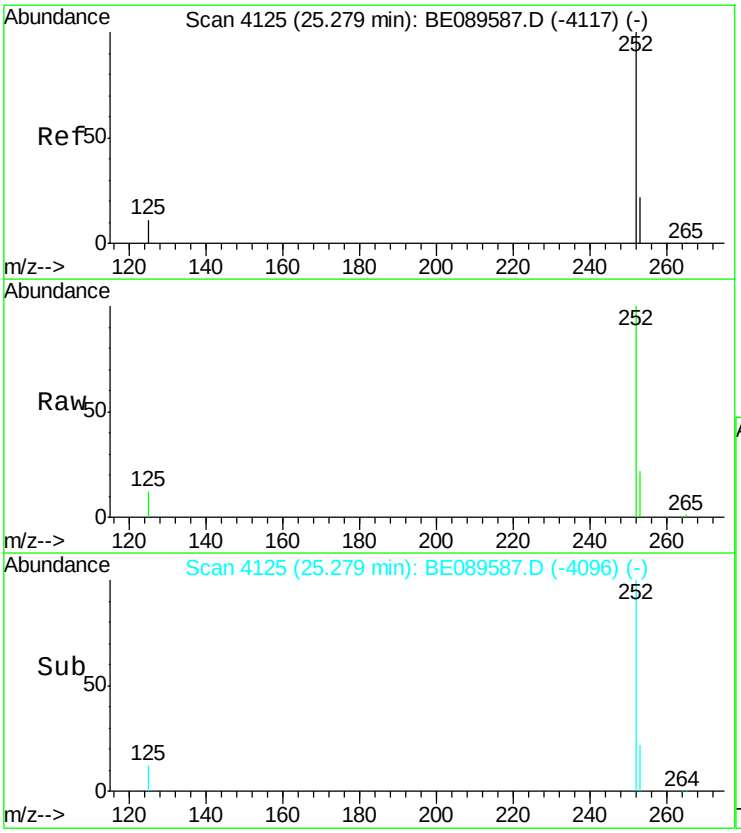
#27
Benzo(k)fluoranthene
Concen: 1.13 ng
RT: 24.95 min Scan# 4052
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 41395

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.8	8.6	13.0

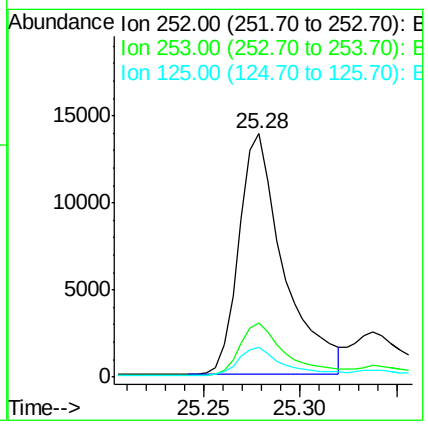


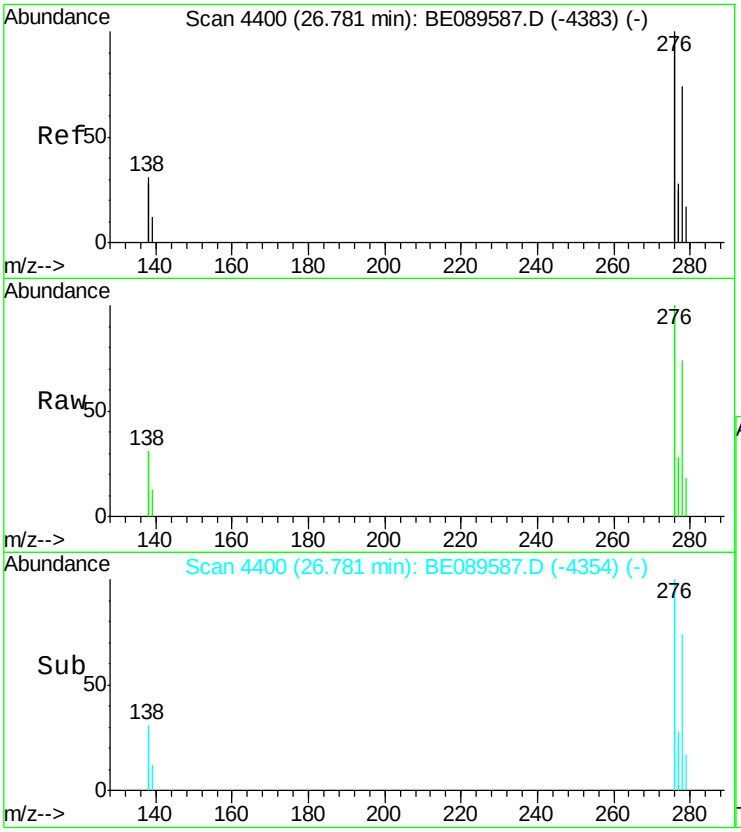


#28
Benzo(a)pyrene
Concen: 1.02 ng
RT: 25.28 min Scan# 4125
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:252 Resp: 22217

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	12.0	9.6	14.4



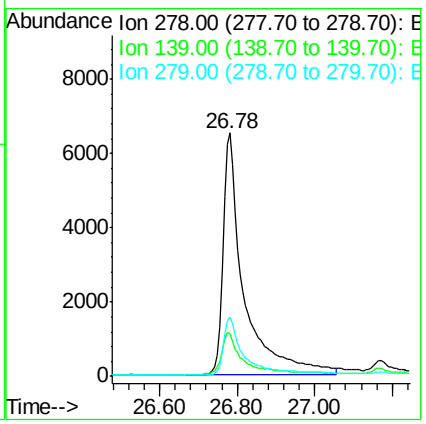


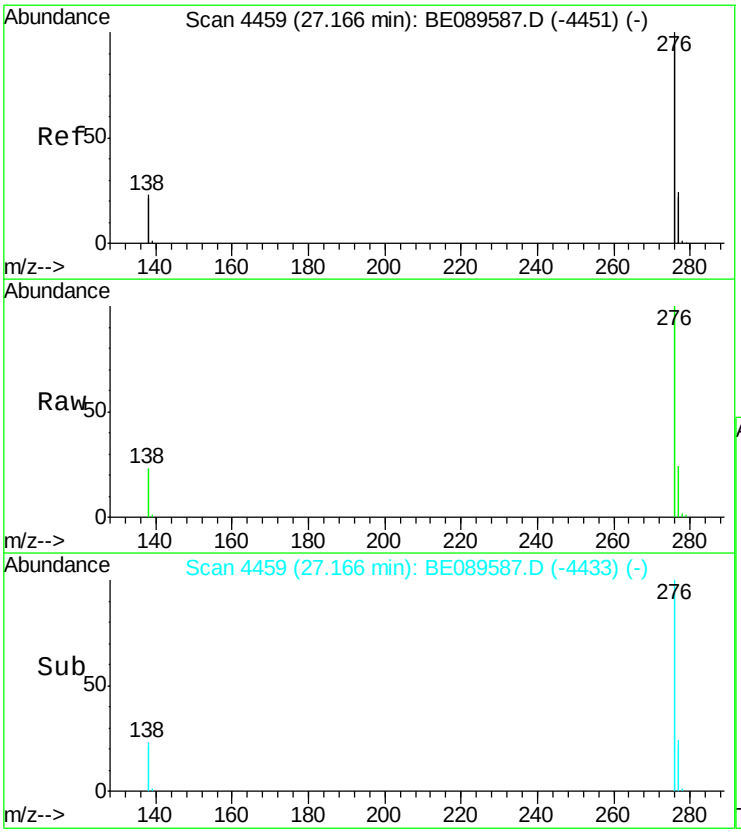
#29
Dibenzo(a,h)anthracene
Concen: 1.08 ng
RT: 26.78 min Scan# 4400
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 24012

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.9	20.9
279	24.4	19.5	29.3





#30
Benzo(g,h,i)perylene
Concen: 1.07 ng
RT: 27.17 min Scan# 4459
Delta R.T. 0.00 min
Lab File: BE089587.D
Acq: 17 Feb 2015 3:38

Tgt Ion:276 Resp: 116164

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.1	18.5	27.7