Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089552.D
Acq On : 7 Feb 2015 8:43
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.1

Quant Time: Feb 09 00:15:04 2015
Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 04:07:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	54158	5.00	ng		0.00
2) Naphthalene-d8	12.33	136	208549	5.00	ng		0.00
6) Acenaphthene-d10	16.51	164	95198	5.00	ng		0.00
11) Phenanthrene-d10	19.84	188	155151	5.00	ng		0.00
16) Chrysene-d12	23.72	240	175476	5.00	ng		0.00
22) Perylene-d12	25.41	264	194008	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.69	82	125605	9.07	ng		0.00
7) 2-Fluorobiphenyl	14.96	172	191344	7.53	ng		0.00
18) Terphenyl-d14	22.36	244	204030	8.81	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.37	128	3519	0.07	ng		96
5) 2-Methylnaphthalene	14.03	142	1756	0.07	ng		93
8) Acenaphthylene	16.16	152	8928	0.06	ng		98
9) Acenaphthene	16.59	154	1554	0.06	ng		92
10) Fluorene	17.84	166	1735	0.06	ng		95
12) Pentachlorophenol	19.58	266	17	0.55	ng		88
13) Phenanthrene	19.89	178	2770	0.07	ng		100
14) Anthracene	19.98	178	2081	0.06	ng		100
15) Fluoranthene	21.79	202	2203	0.06	ng		98
17) Pyrene	22.10	202	2426	0.06	ng		100
19) Benzo(a)anthracene	23.71	228	10972	0.07	ng		95
20) Chrysene	23.75	228	12340	0.08	ng		98
21) Indeno(1,2,3-cd)pyrene	26.85	276	8735	0.04	ng		98
23) Benzo(b)fluoranthene	24.97	252	1576	0.04	ng	#	91
24) Benzo(k)fluoranthene	25.00	252	2455	0.05	ng	#	94
25) Benzo(a)pyrene	25.34	252	1727	0.05	ng	#	92
26) Dibenzo(a,h)anthracene	26.88	278	1632	0.04	ng	#	83
27) Benzo(g,h,i)perylene	27.27	276	9674	0.05	ng	#	87

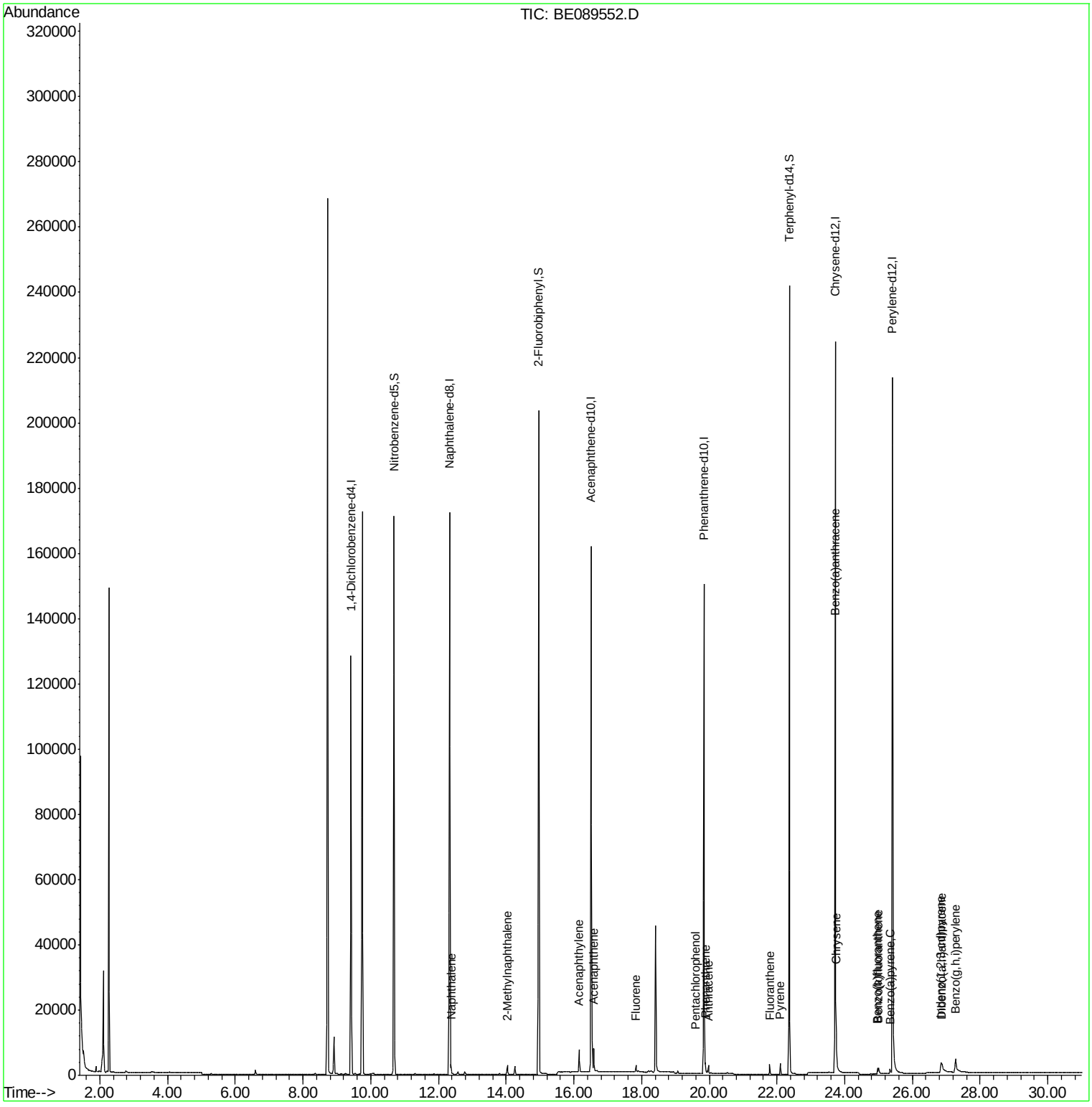
(#) = qualifier out of range (m) = manual integration (+) = signals summed

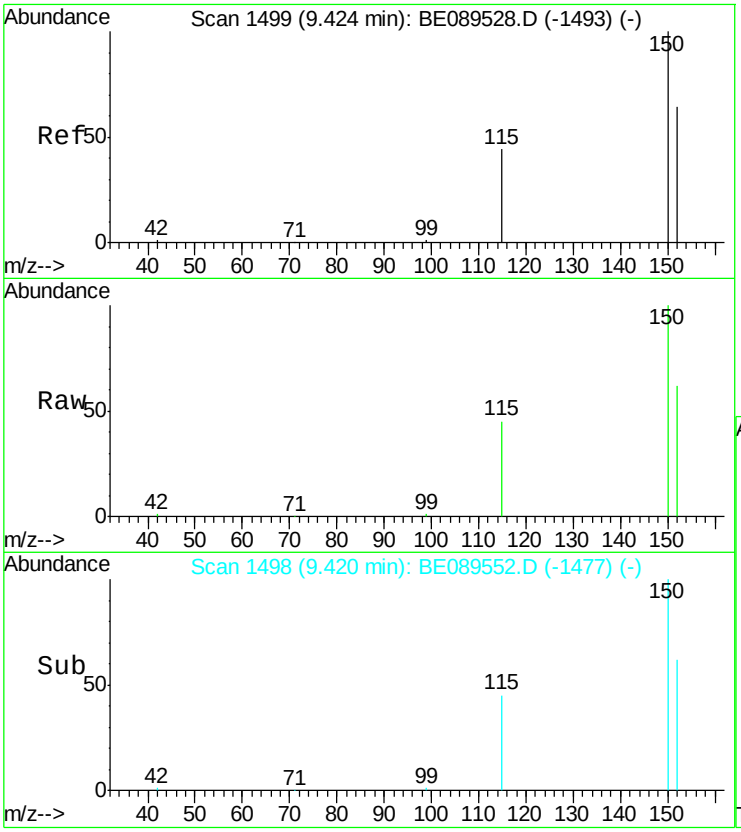
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089552.D
Acq On : 7 Feb 2015 8:43
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-0.1/0.2
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Quant Time: Feb 09 00:15:04 2015
Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 04:07:57 2015
Response via : Initial Calibration



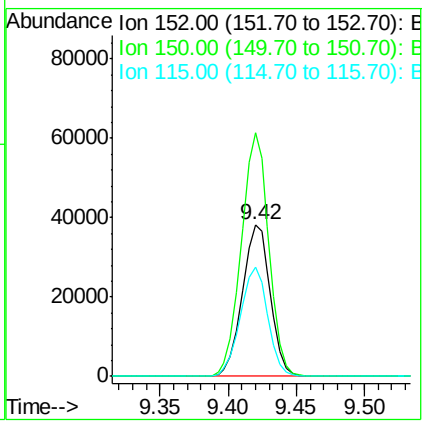


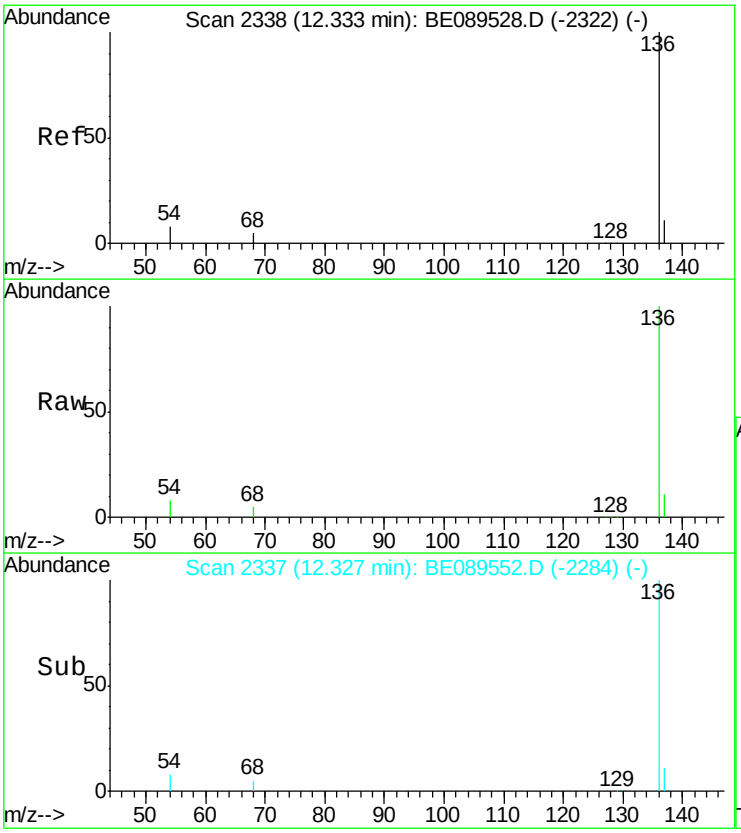
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.42 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 54158

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.7	188.5
115	71.7	55.6	83.4

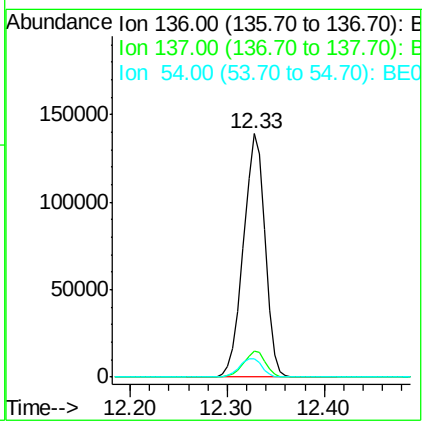


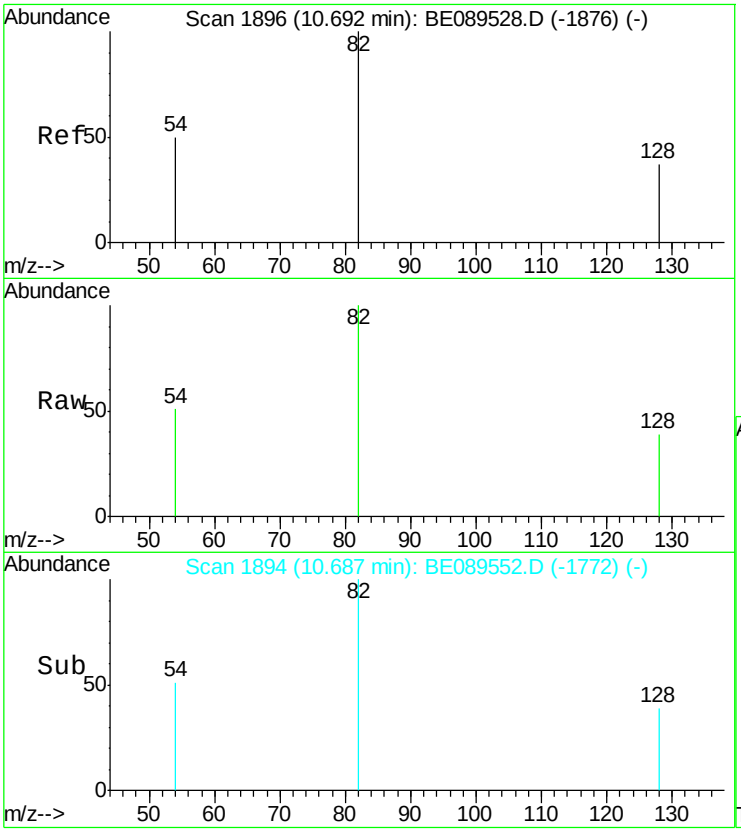


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.33 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:136 Resp: 208549

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.8	6.1	9.1



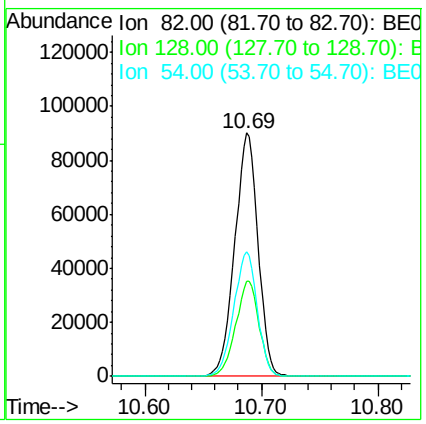


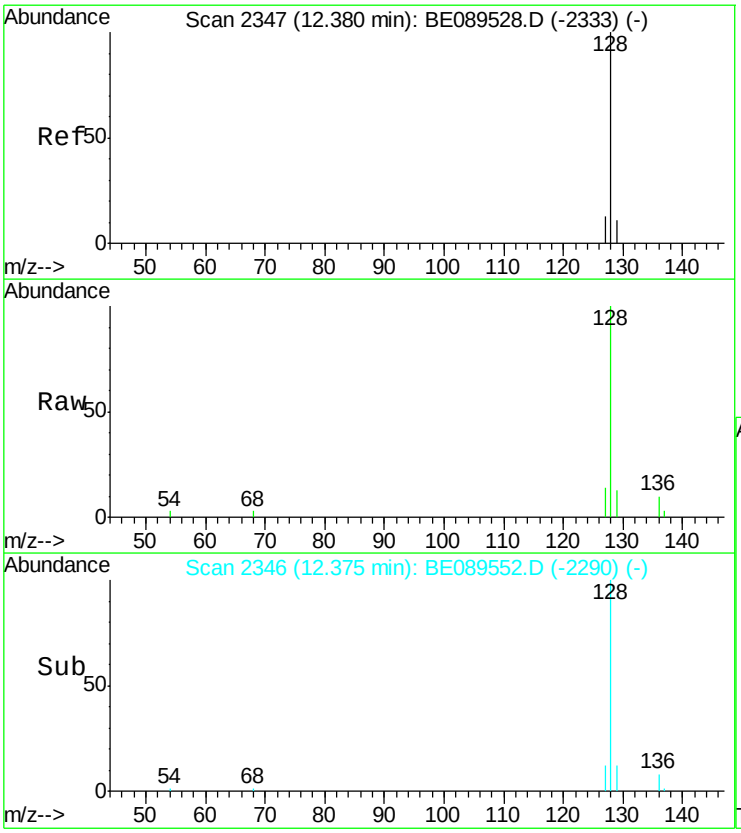
#3
Nitrobenzene-d5
Concen: 9.07 ng
RT: 10.69 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 125605

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.2	45.4
54	51.4	40.6	60.8

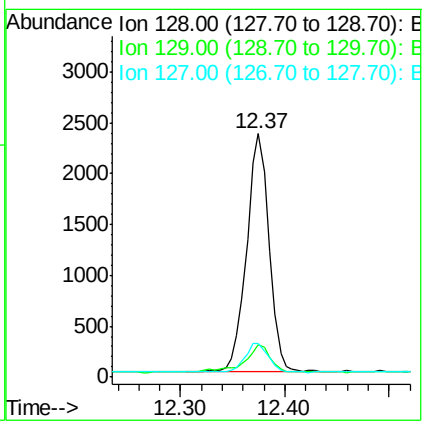


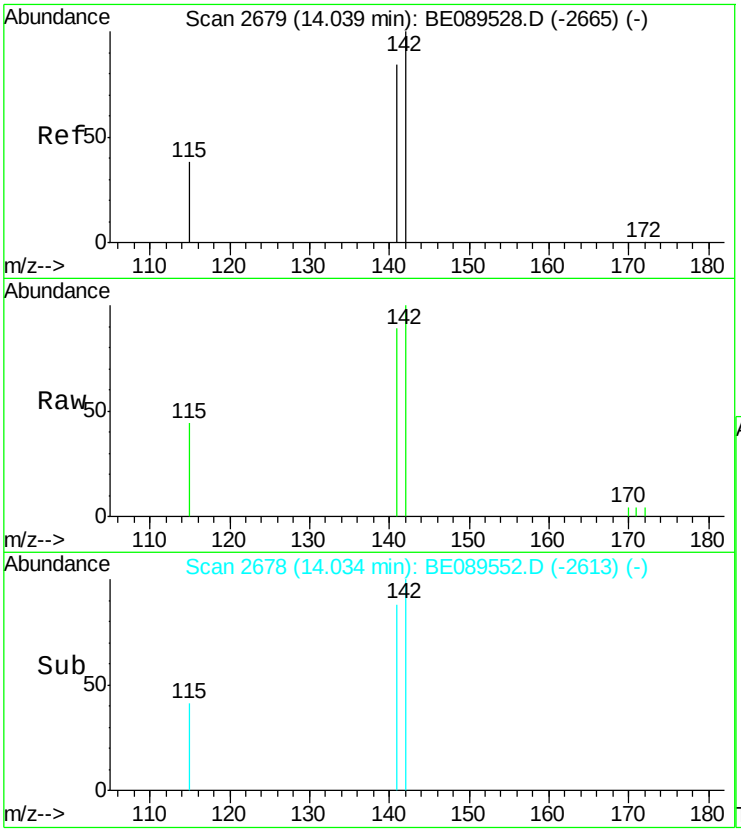


#4
Naphthalene
Concen: 0.07 ng
RT: 12.37 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:128 Resp: 3519

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	14.0	10.5	15.7



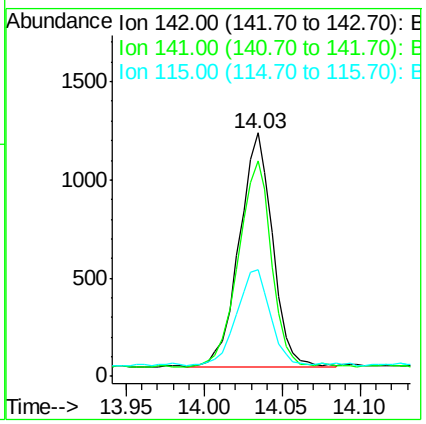


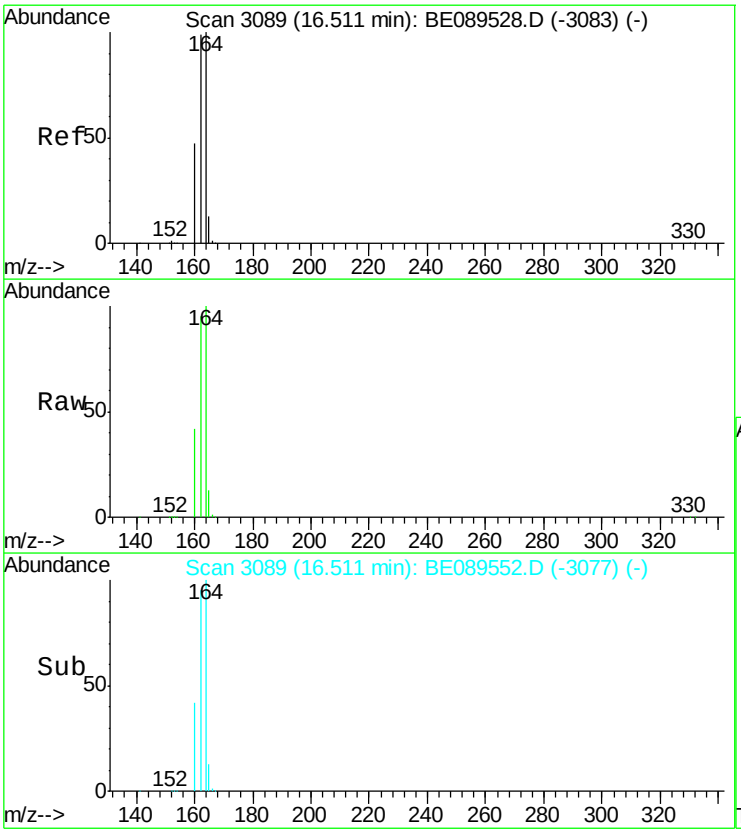
#5
2-Methylnaphthalene
Concen: 0.07 ng
RT: 14.03 min Scan# 2678
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1756

Ion	Ratio	Lower	Upper
142	100		
141	88.5	67.0	100.6
115	44.0	30.6	45.8

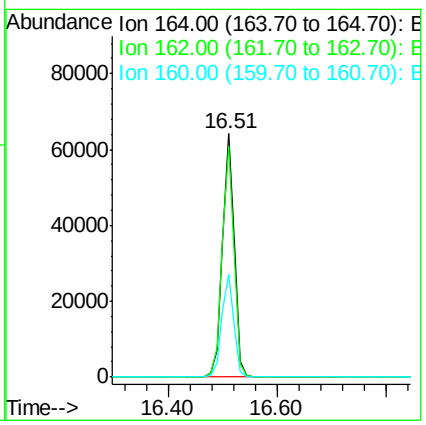


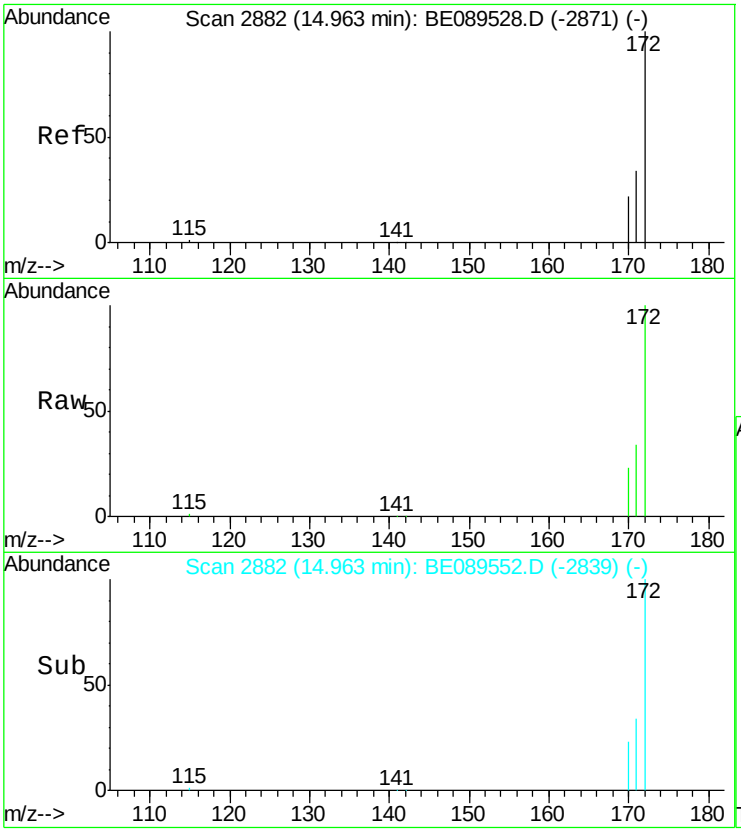


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.51 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:164 Resp: 95198

Ion	Ratio	Lower	Upper
164	100		
162	94.7	79.5	119.3
160	42.1	37.6	56.4



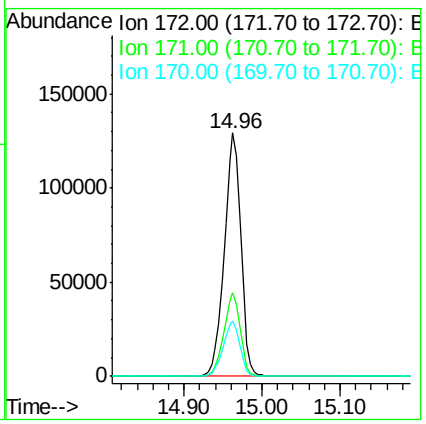


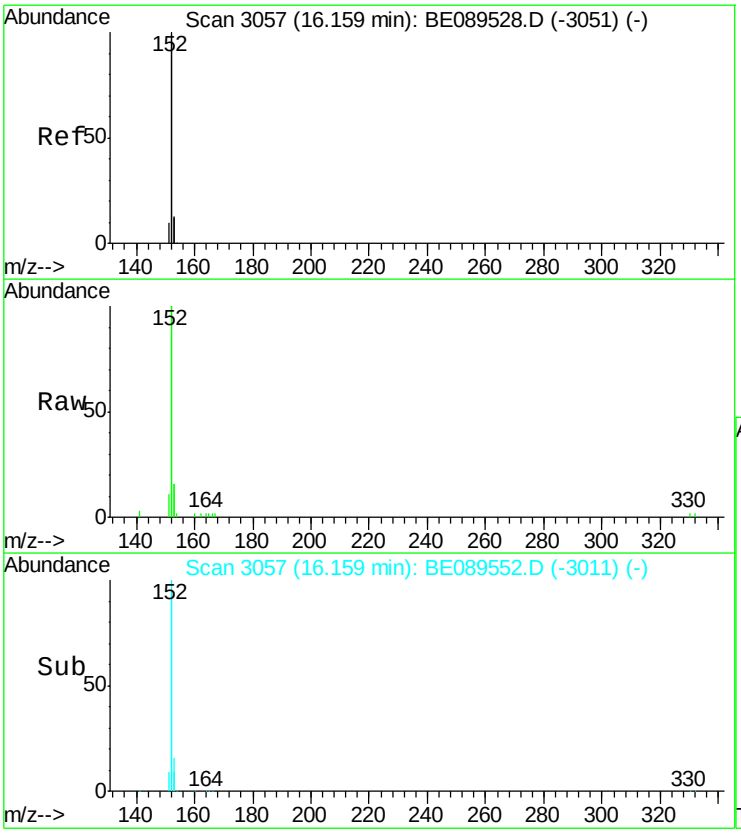
#7
2-Fluorobiphenyl
Concen: 7.53 ng
RT: 14.96 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 191344

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.7	41.5
170	22.7	18.3	27.5

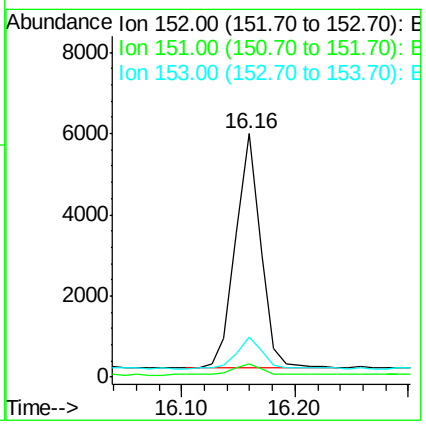


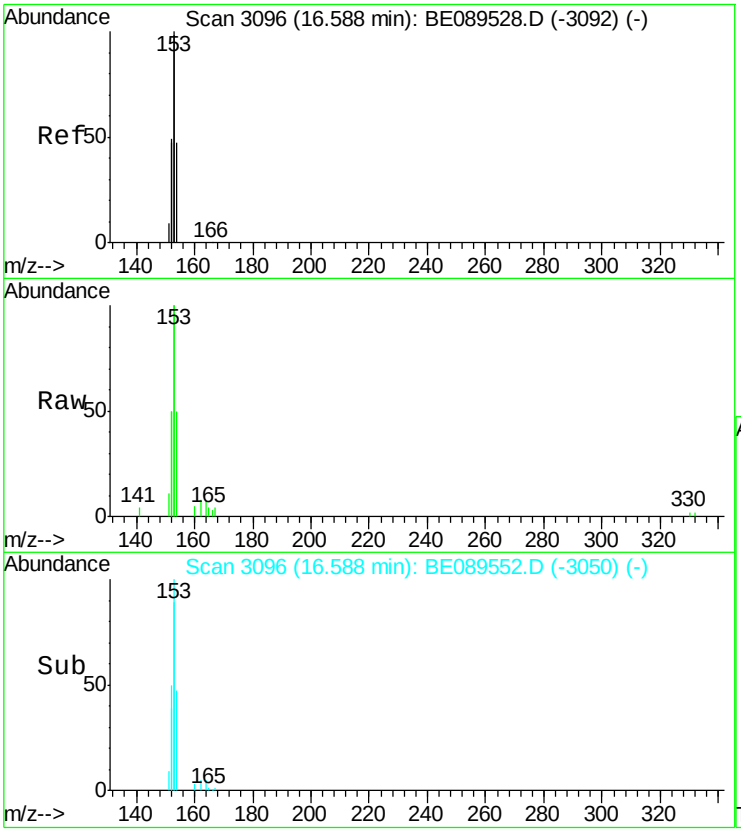


#8
Acenaphthylene
Concen: 0.06 ng
RT: 16.16 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:152 Resp: 8928

Ion	Ratio	Lower	Upper
152	100		
151	5.2	4.0	6.0
153	14.3	10.6	15.8



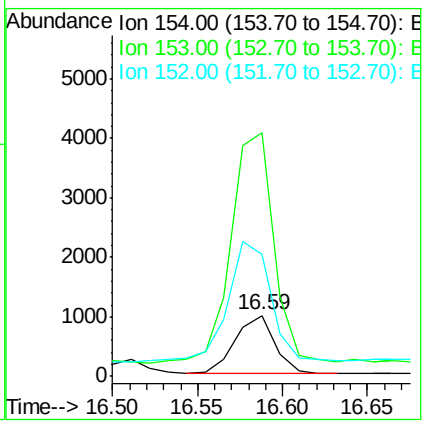


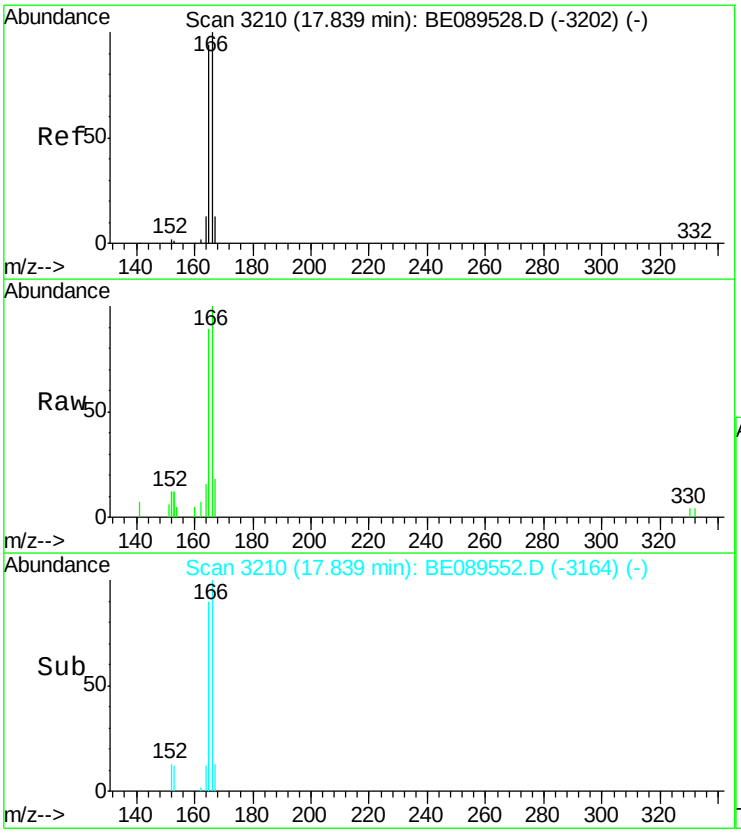
#9
Acenaphthene
Concen: 0.06 ng
RT: 16.59 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1554

Ion	Ratio	Lower	Upper
154	100		
153	432.0	340.8	511.2
152	237.7	165.5	248.3

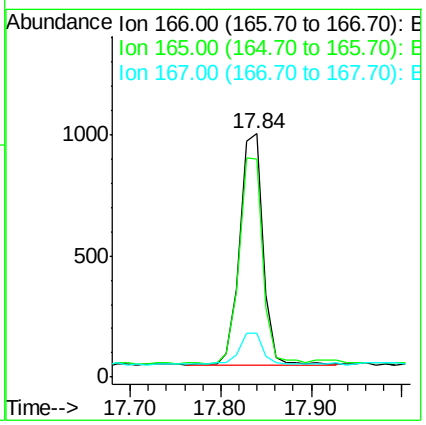


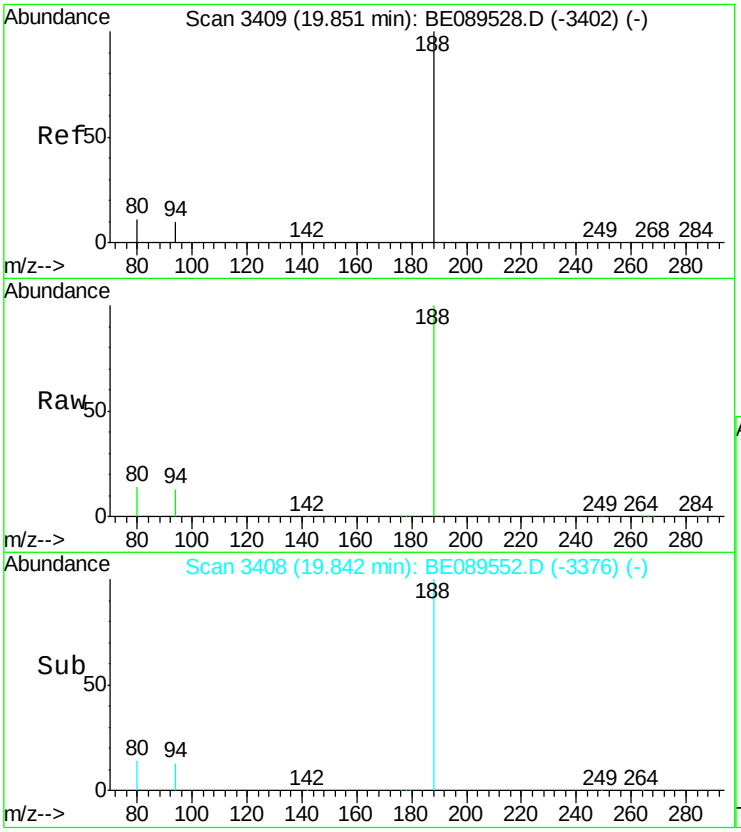


#10
Fluorene
Concen: 0.06 ng
RT: 17.84 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:166 Resp: 1735

Ion	Ratio	Lower	Upper
166	100		
165	89.2	75.5	113.3
167	13.8	10.9	16.3



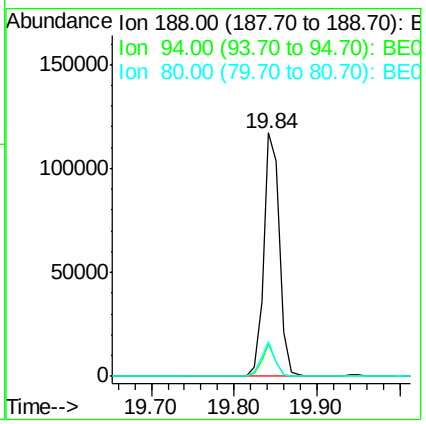


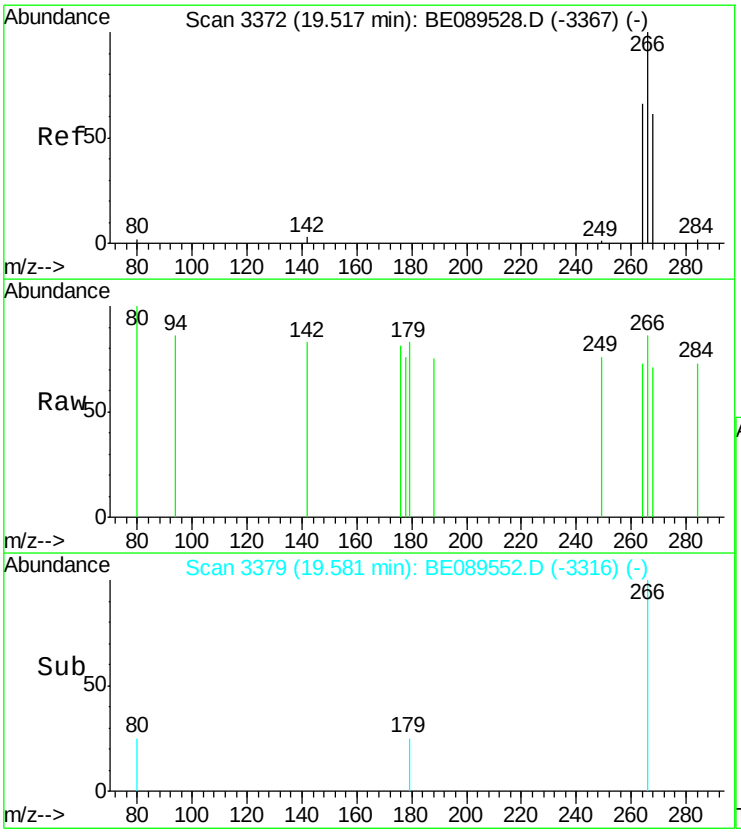
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 155151

Ion	Ratio	Lower	Upper
188	100		
94	13.2	8.4	12.6#
80	14.5	8.6	12.8#

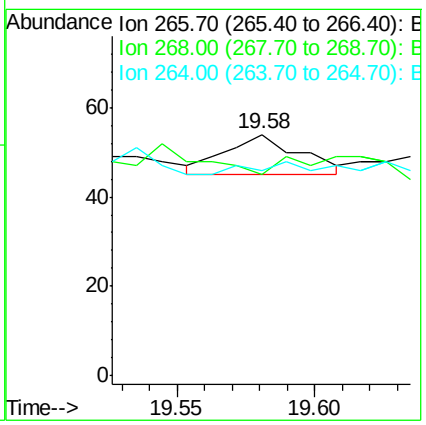


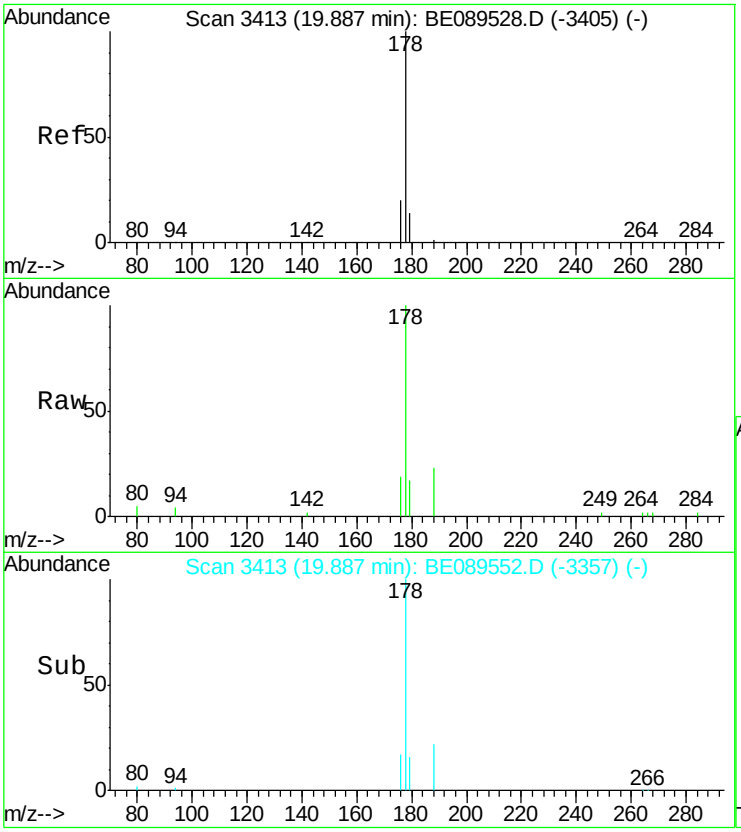


#12
Pentachlorophenol
Concen: 0.55 ng
RT: 19.58 min Scan# 3379
Delta R.T. 0.06 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
268	83.3	57.9	86.9
264	85.2	60.2	90.4



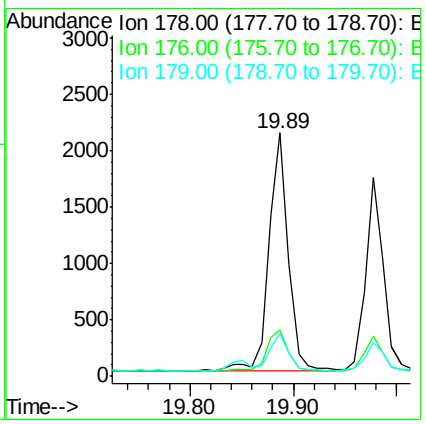


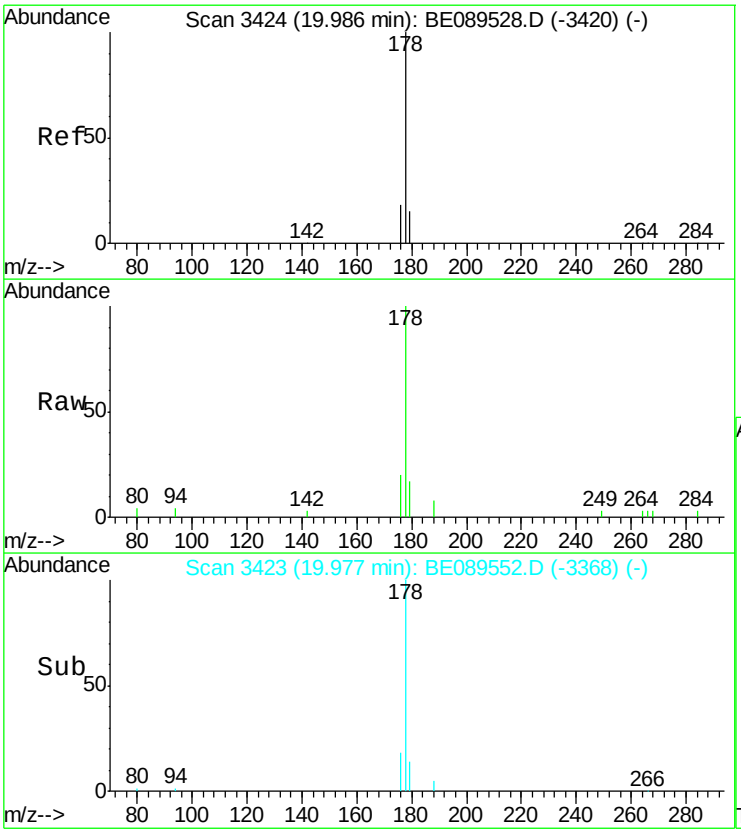
#13
Phenanthrene
Concen: 0.07 ng
RT: 19.89 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2770

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.2	12.2	18.2

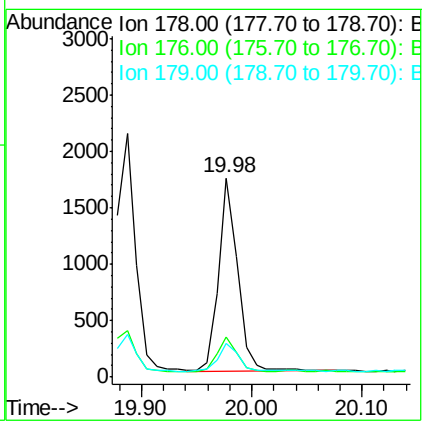


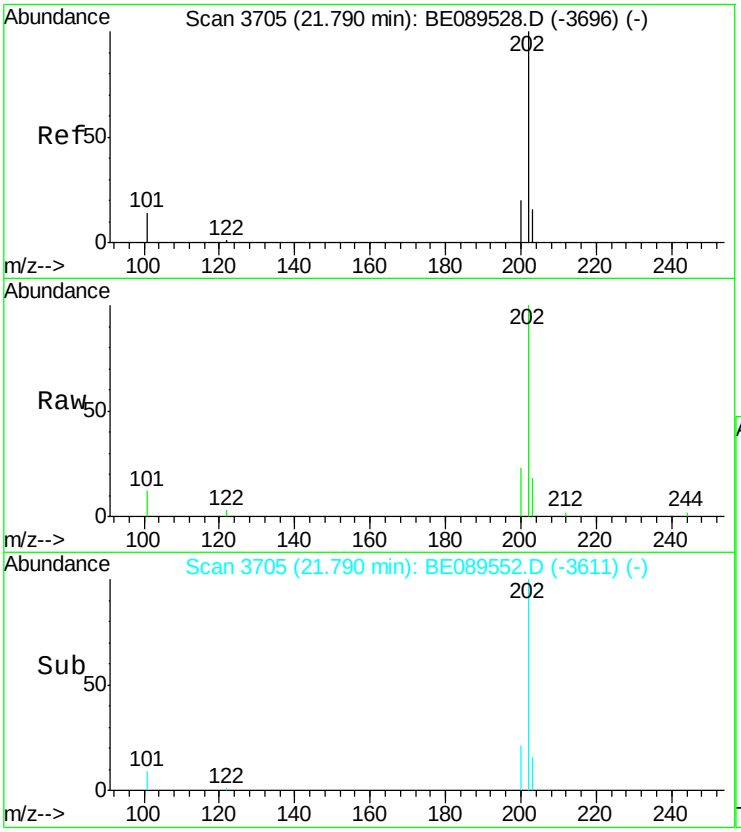


#14
Anthracene
Concen: 0.06 ng
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:178 Resp: 2081

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.2	12.2	18.2



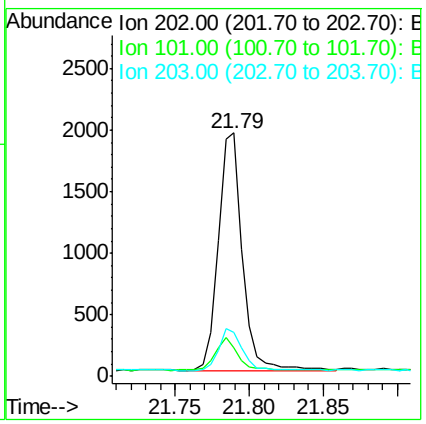


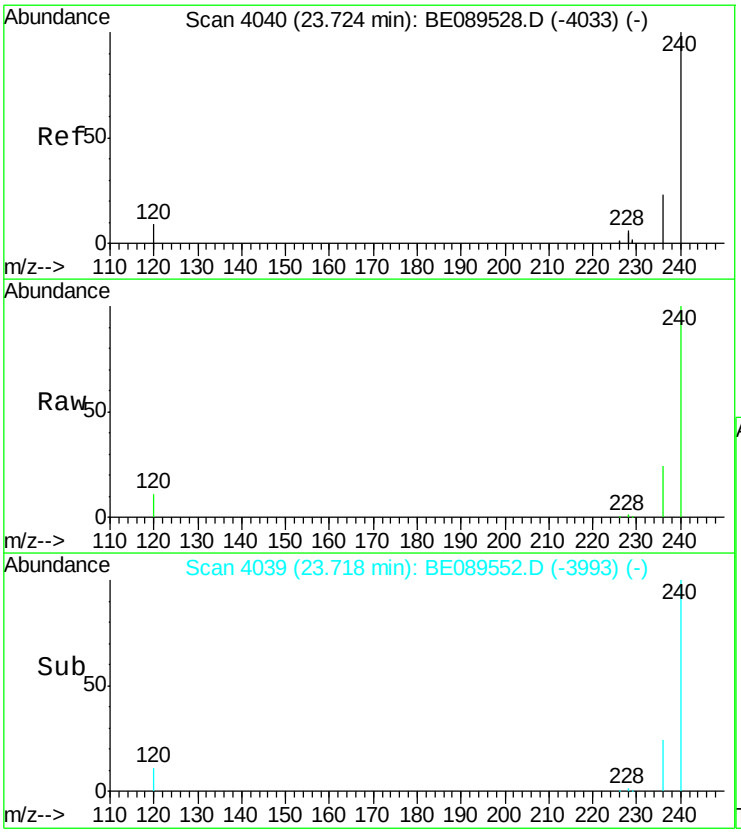
#15
Fluoranthene
Concen: 0.06 ng
RT: 21.79 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 2203

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.6	17.4
203	16.9	13.6	20.4

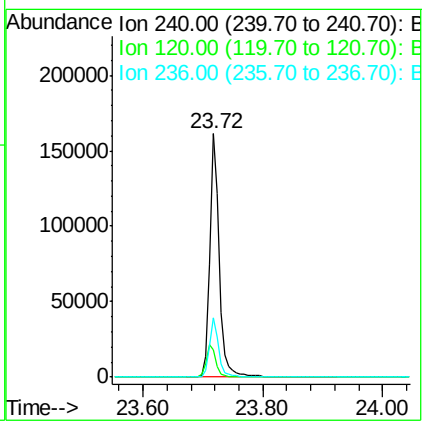


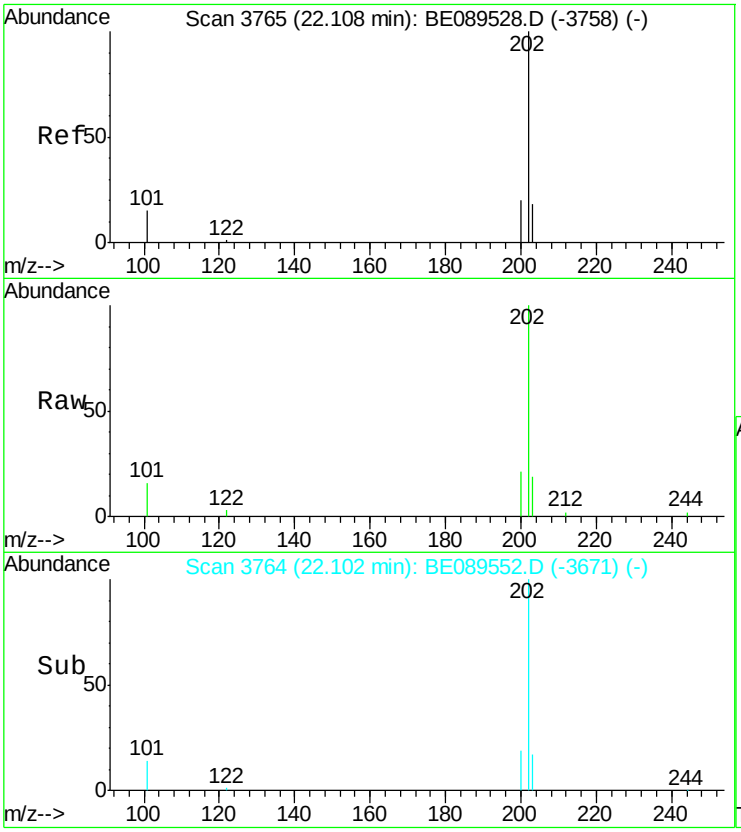


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:240 Resp: 175476

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.2	10.8#
236	24.4	18.5	27.7



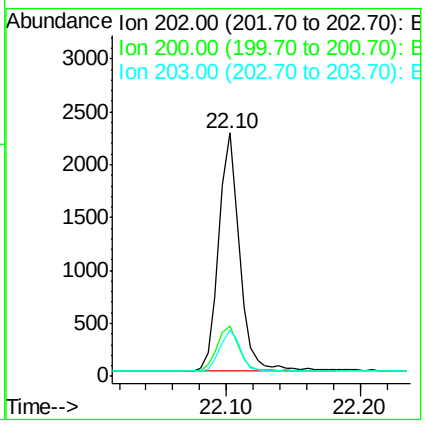


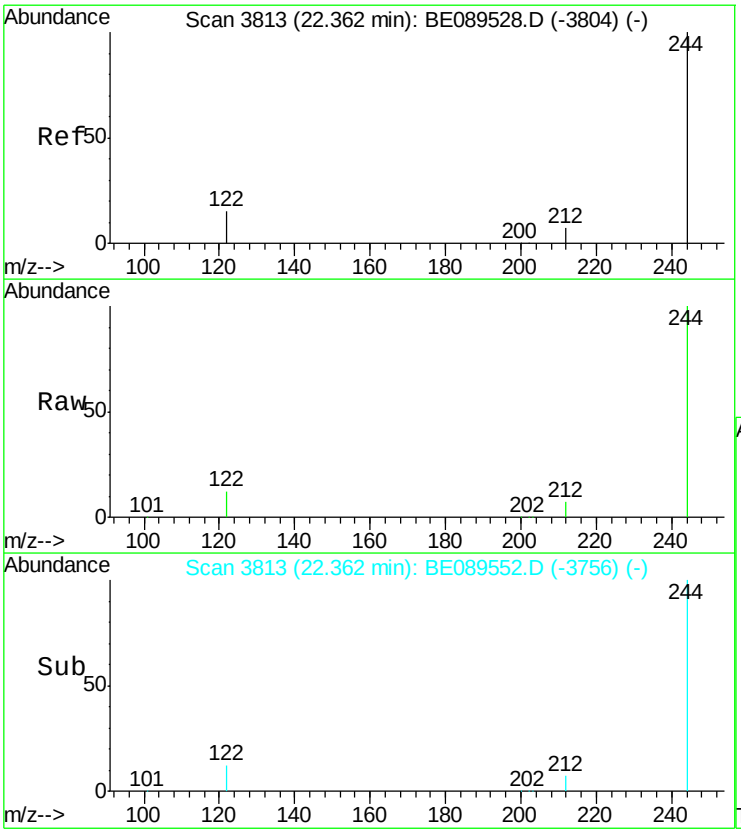
#17
Pyrene
Concen: 0.06 ng
RT: 22.10 min Scan# 3764
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 2426

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.2	13.5	20.3

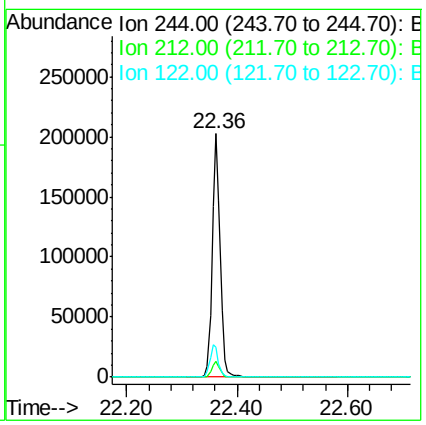


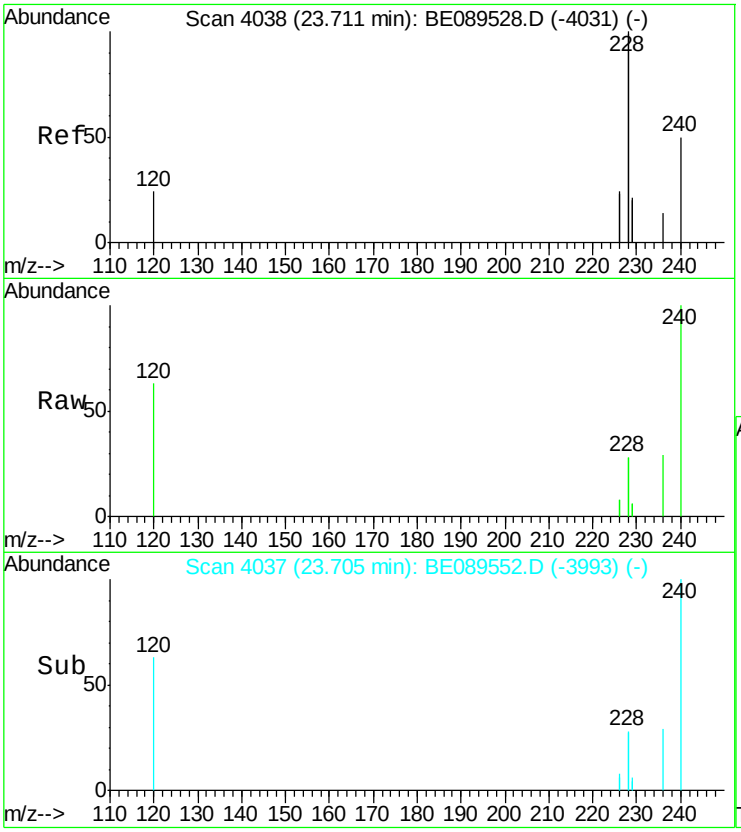


#18
Terphenyl-d14
Concen: 8.81 ng
RT: 22.36 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:244 Resp: 204030

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	12.1	12.6	19.0#



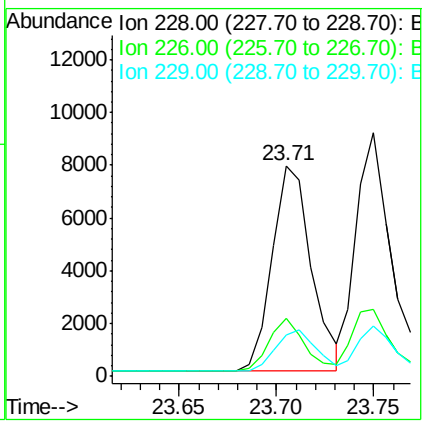


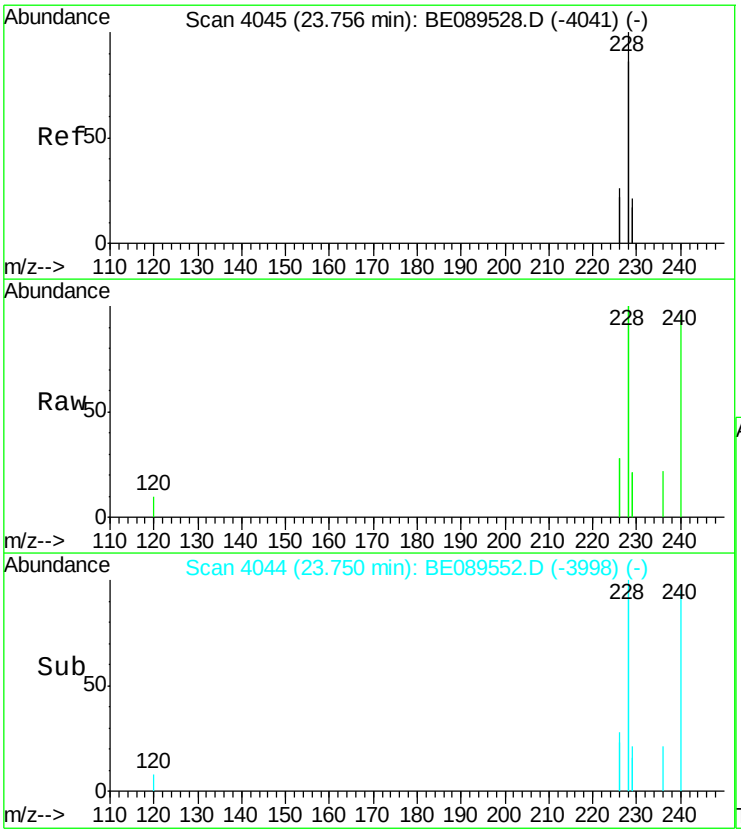
#19
Benzo(a)anthracene
Concen: 0.07 ng
RT: 23.71 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 10972

Ion	Ratio	Lower	Upper
228	100		
226	27.5	19.0	28.4
229	19.7	16.8	25.2

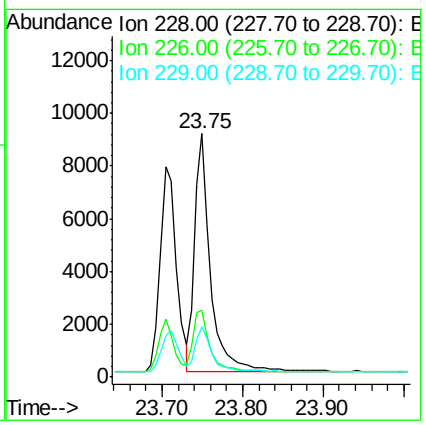


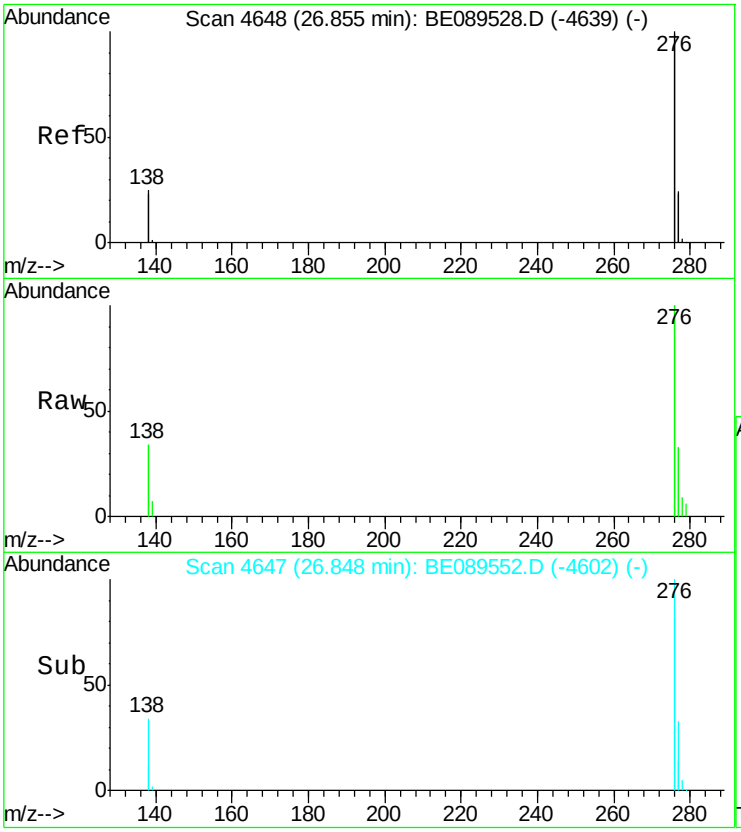


#20
Chrysene
Concen: 0.08 ng
RT: 23.75 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:228 Resp: 12340

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.4
229	20.7	16.7	25.1



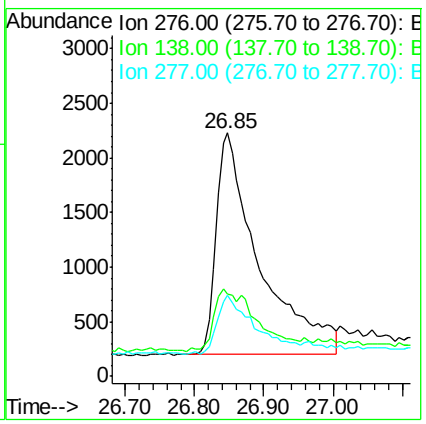


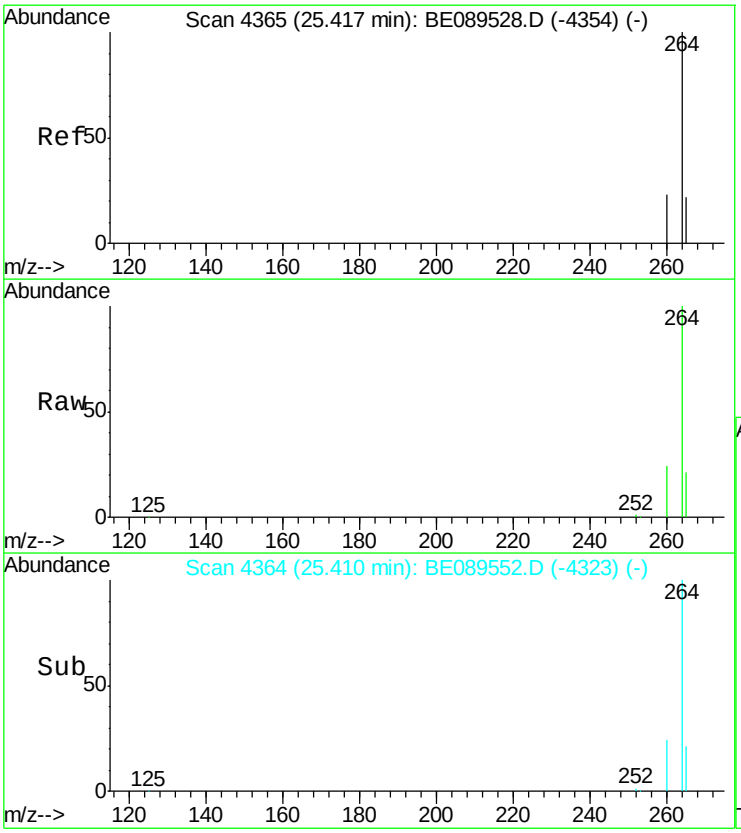
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 26.85 min Scan# 4647
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8735

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.0	34.4
277	23.8	19.9	29.9

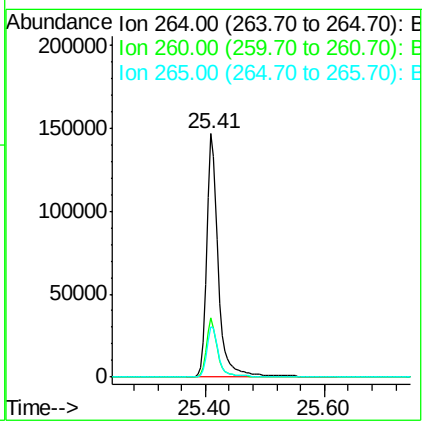


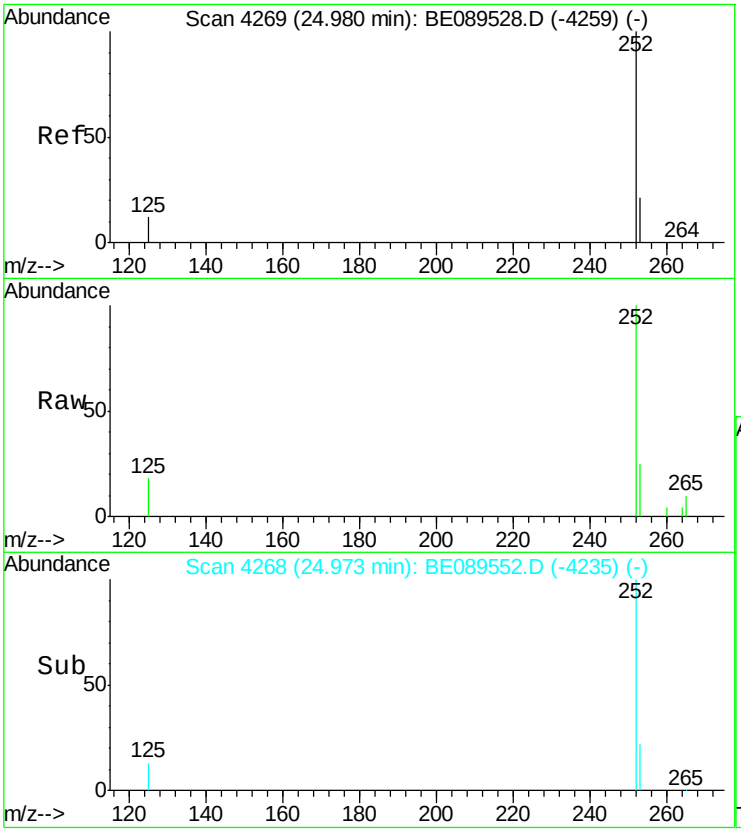


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:264 Resp: 194008

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.8	17.5	26.3



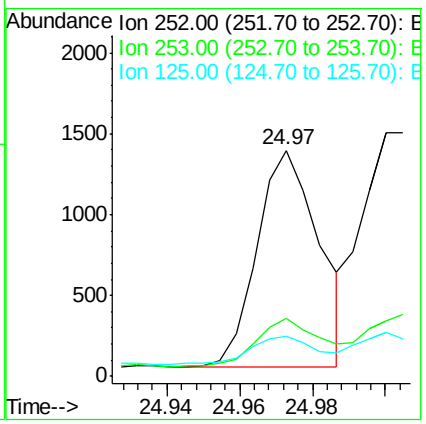


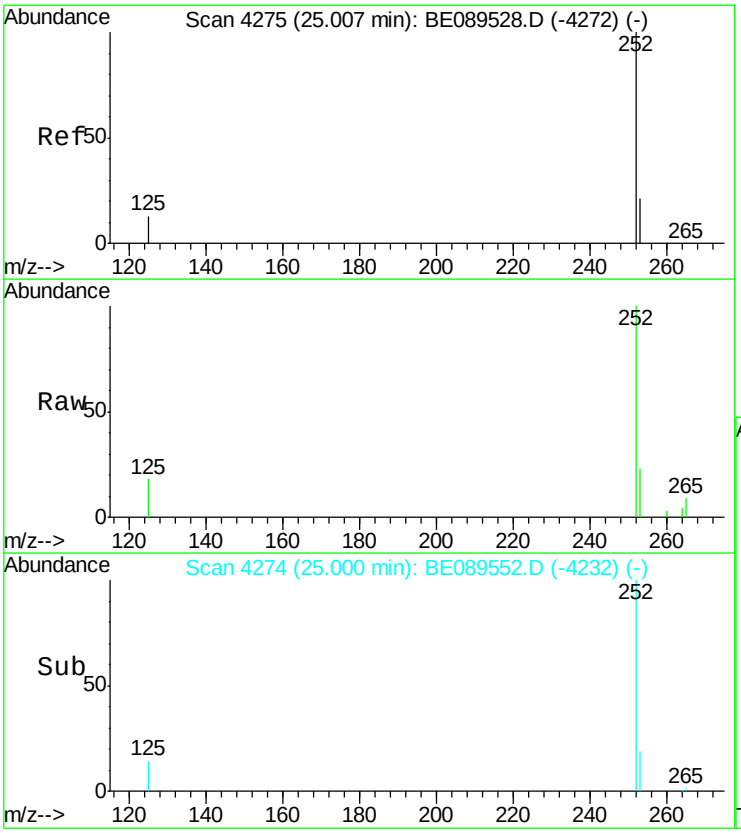
#23
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 24.97 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1576

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	17.8	10.4	15.6#

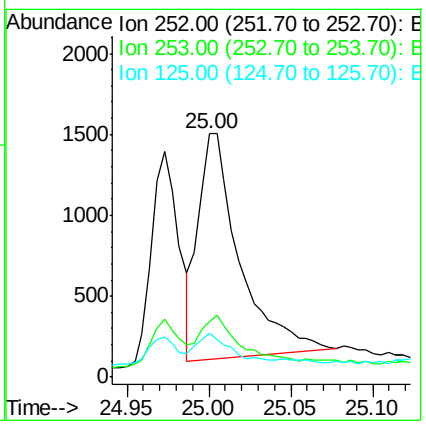


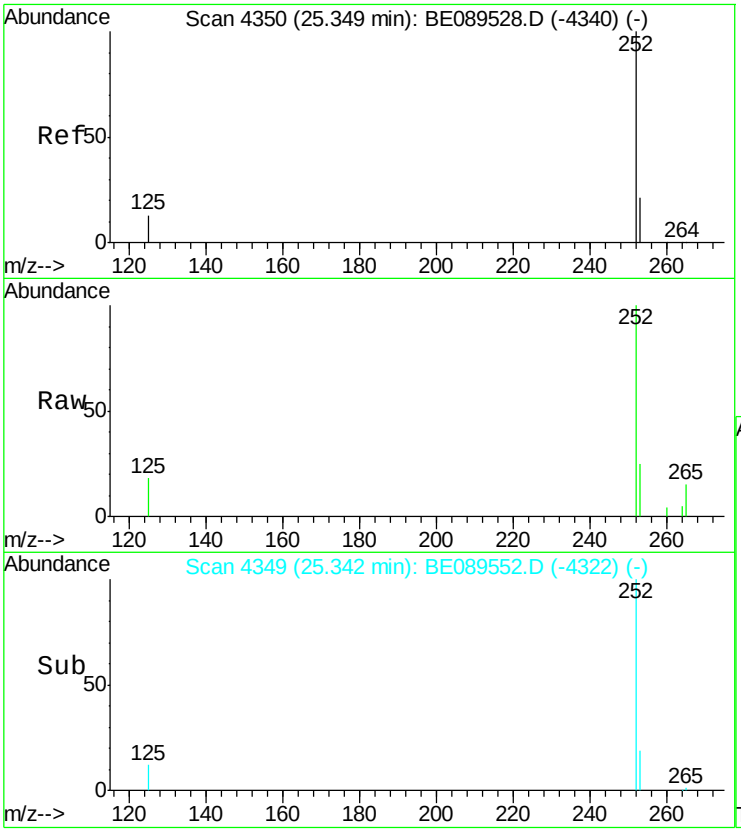


#24
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 25.00 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:252 Resp: 2455

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	18.1	10.6	15.8#



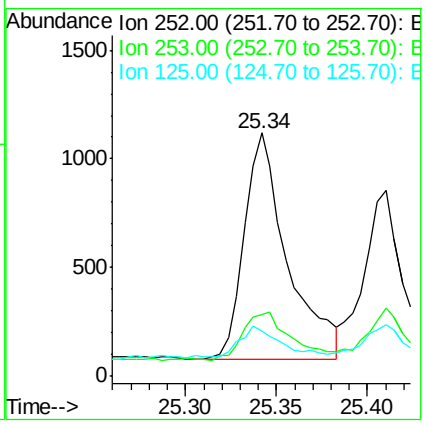


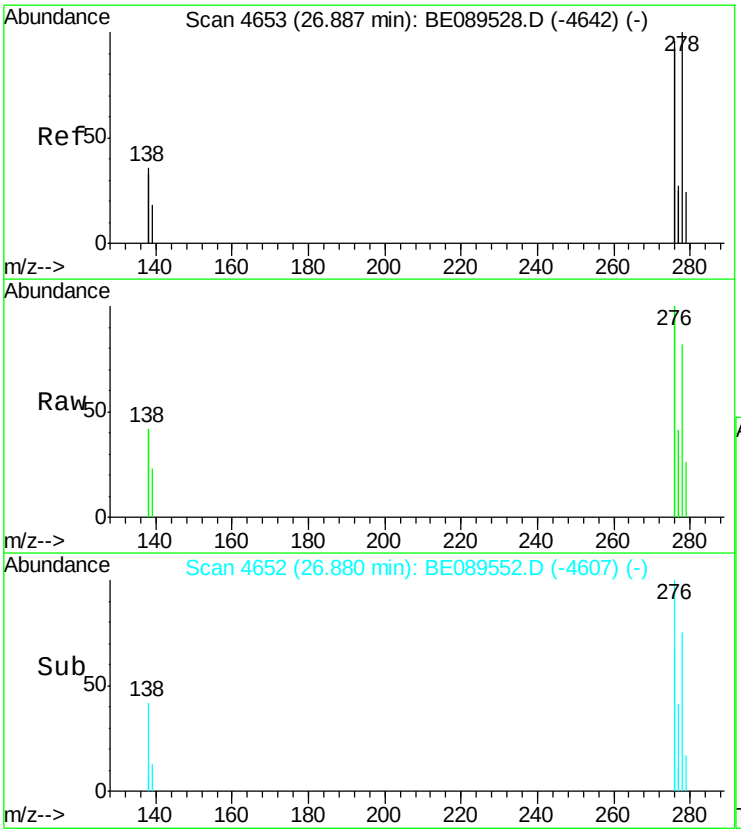
#25
Benzo(a)pyrene
Concen: 0.05 ng
RT: 25.34 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1727

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.6
125	18.3	11.4	17.2#

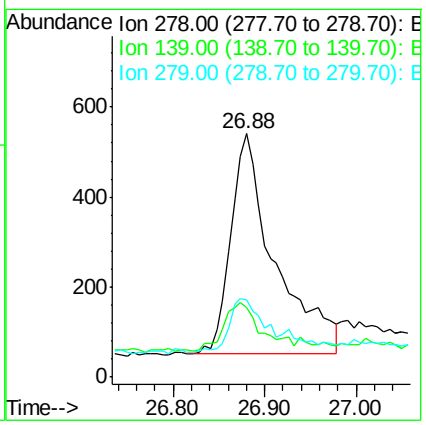


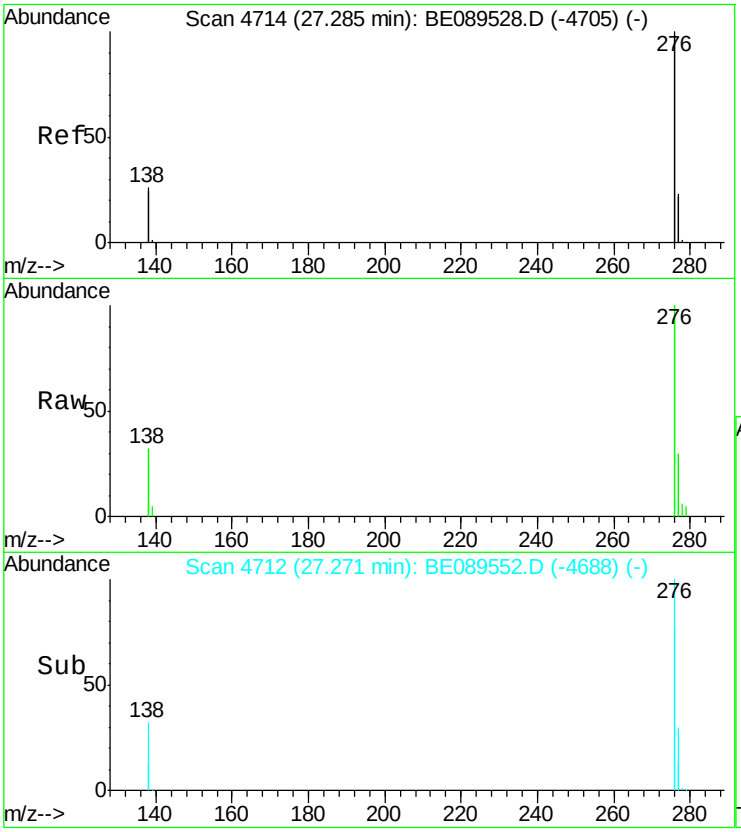


#26
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 26.88 min Scan# 4652
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Tgt Ion:278 Resp: 1632

Ion	Ratio	Lower	Upper
278	100		
139	28.5	15.7	23.5#
279	31.8	19.5	29.3#





#27
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 27.27 min Scan# 4712
Delta R.T. -0.01 min
Lab File: BE089552.D
Acq: 7 Feb 2015 8:43

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 9674

Ion	Ratio	Lower	Upper
276	100		
277	30.1	18.6	27.8#
138	32.1	20.9	31.3#