Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
Data File : BE089336.D
Acq On : 7 Jan 2015 19:54
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC0.1

Quant Time: Jan 08 05:24:57 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE092914.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 05:13:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	22793	5.00	ng		0.00
2) Naphthalene-d8	8.51	136	88724	5.00	ng		0.00
6) Acenaphthene-d10	10.66	164	42634	5.00	ng		0.00
11) Phenanthrene-d10	12.72	188	66664	5.00	ng		0.00
15) Chrysene-d12	18.07	240	48530	5.00	ng		0.00
21) Perylene-d12	21.12	264	43445	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	7.65	82	432	0.08	ng		0.00
7) 2-Fluorobiphenyl	9.85	172	969	0.09	ng		0.00
17) Terphenyl-d14	15.85	244	750	0.10	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	8.54	128	1765	0.10	ng	#	94
5) 2-Methylnaphthalene	9.39	142	1109	0.10	ng		96
8) Acenaphthylene	10.48	152	6018	0.10	ng	#	85
9) Acenaphthene	10.69	154	1112	0.12	ng	#	1
10) Fluorene	11.34	166	1030	0.10	ng	#	100
12) Phenanthrene	12.75	178	6276	0.10	ng	#	94
13) Anthracene	12.84	178	5449	0.10	ng	#	91
14) Fluoranthene	14.96	202	1297	0.10	ng		92
16) Pyrene	15.41	202	1352	0.11	ng	#	92
18) Benzo(a)anthracene	18.05	228	4437	0.11	ng	#	92
19) Chrysene	18.13	228	4226	0.10	ng	#	88
20) Indeno(1,2,3-cd)pyrene	23.24	276	3503	0.08	ng	#	100
22) Benzo(b)fluoranthene	20.38	252	714	0.08	ng	#	76
23) Benzo(k)fluoranthene	20.43	252	969	0.09	ng	#	75
24) Benzo(a)pyrene	21.01	252	702	0.09	ng	#	75
25) Dibenzo(a,h)anthracene	23.32	278	612	0.07	ng	#	63
26) Benzo(g,h,i)perylene	23.82	276	3372	0.09	ng	#	74

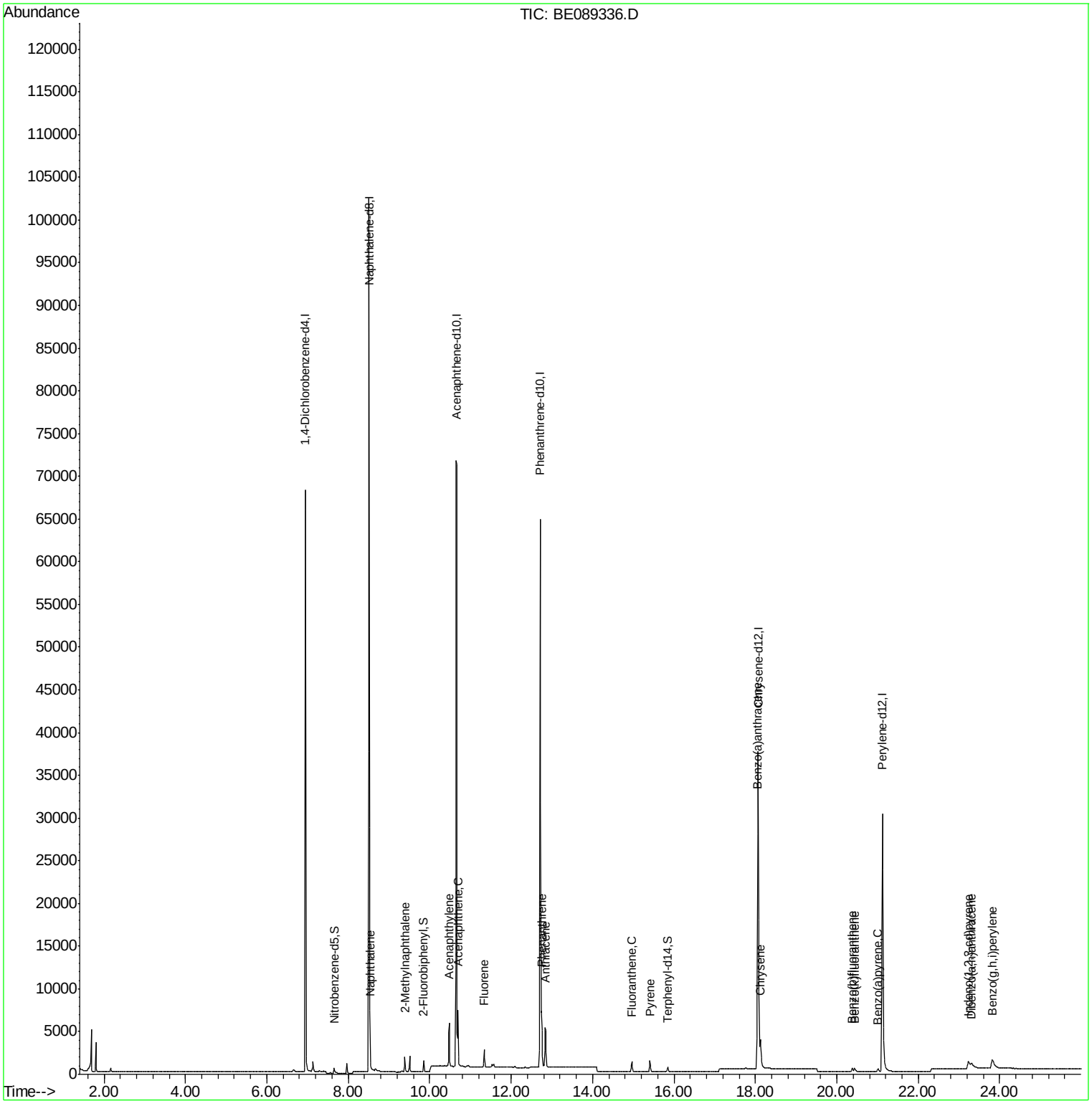
(#) = qualifier out of range (m) = manual integration (+) = signals summed

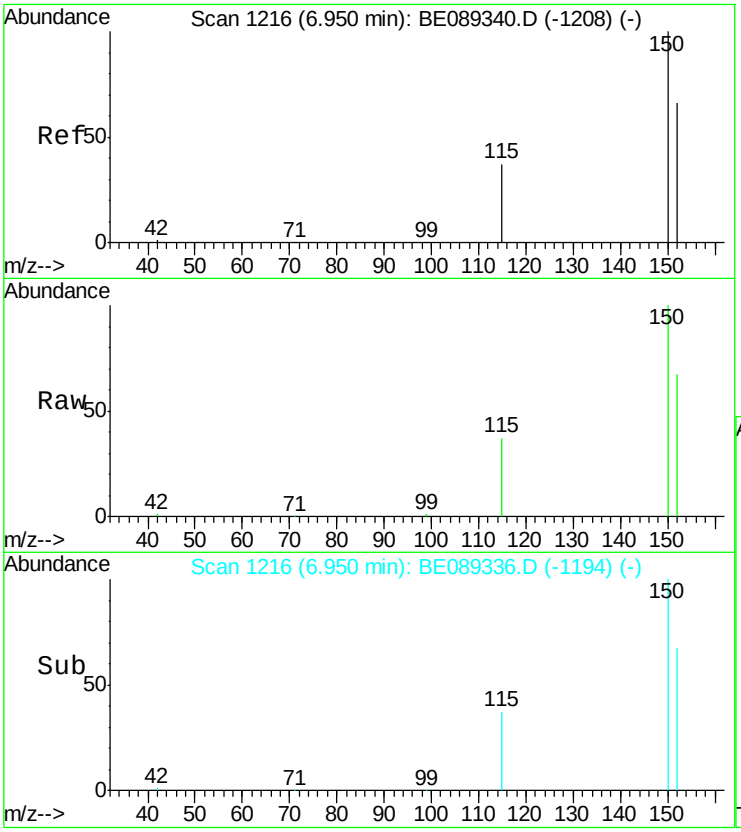
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
Data File : BE089336.D
Acq On : 7 Jan 2015 19:54
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Quant Time: Jan 08 05:24:57 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE092914.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 05:13:42 2015
Response via : Initial Calibration



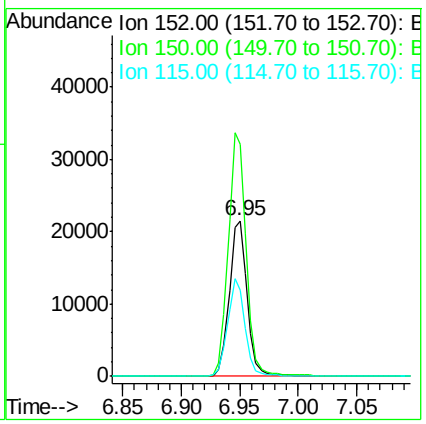


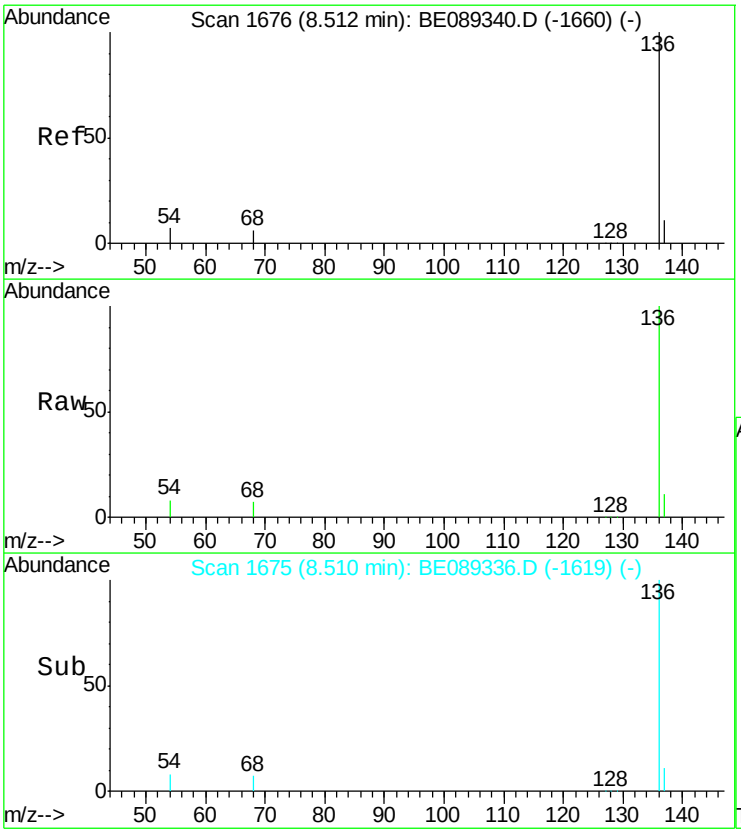
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 22793

Ion	Ratio	Lower	Upper
152	100		
150	149.1	121.5	182.3
115	55.1	45.2	67.8

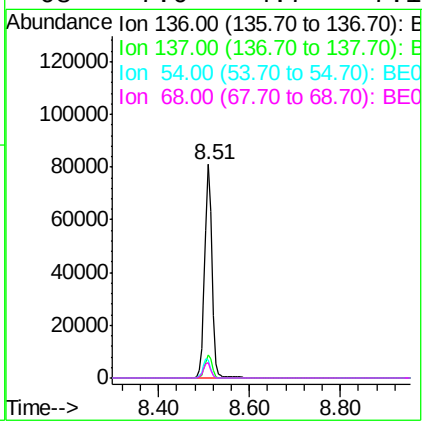


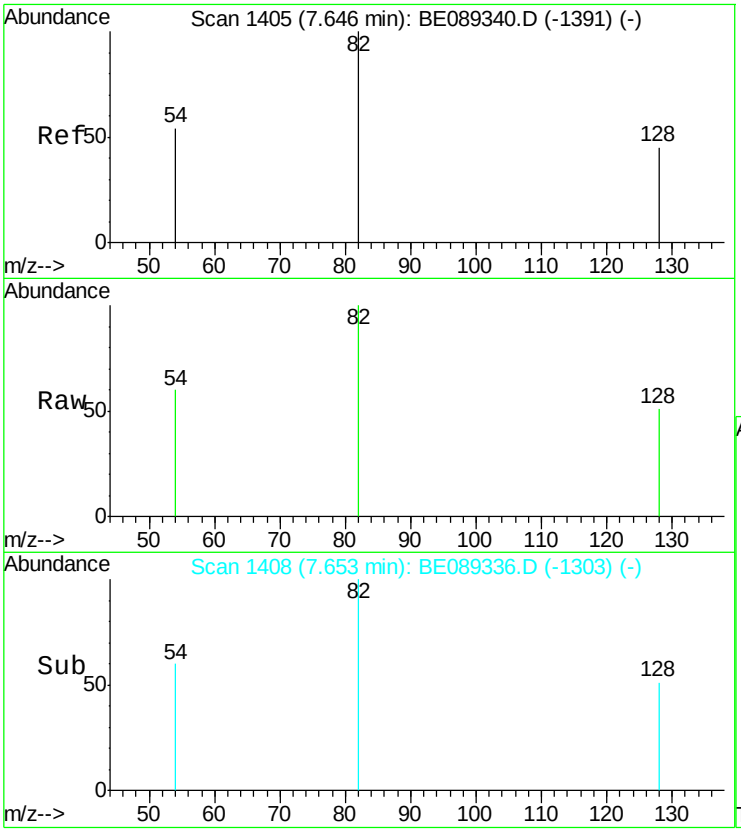


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 8.51 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:136 Resp: 88724

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.3	5.4	8.0#
68	7.0	4.7	7.1



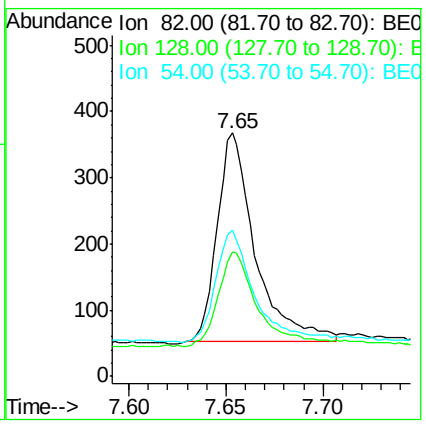


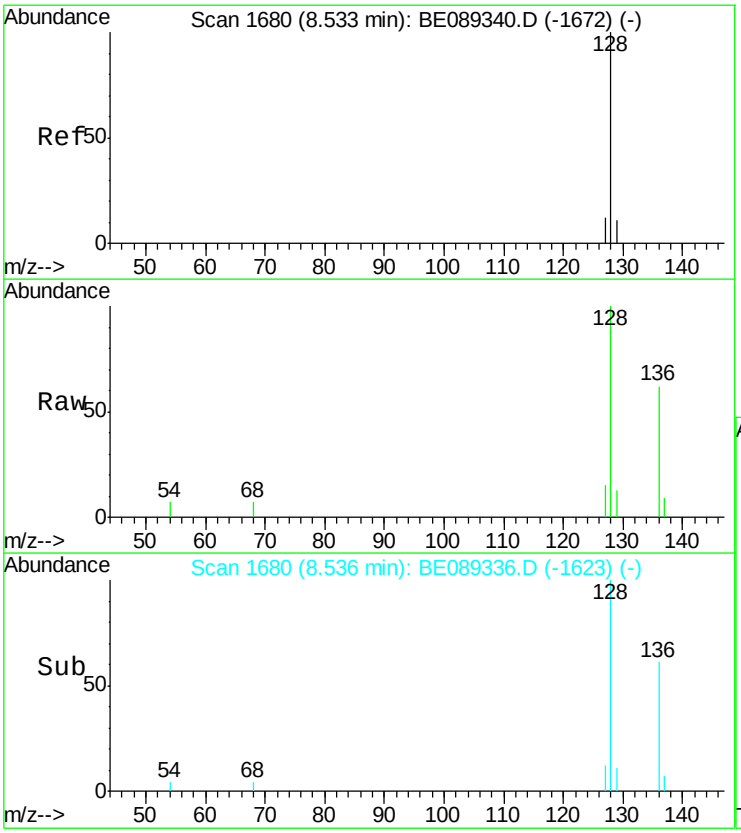
#3
Nitrobenzene-d5
Concen: 0.08 ng
RT: 7.65 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 432

Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.5	54.7
54	60.1	43.5	65.3

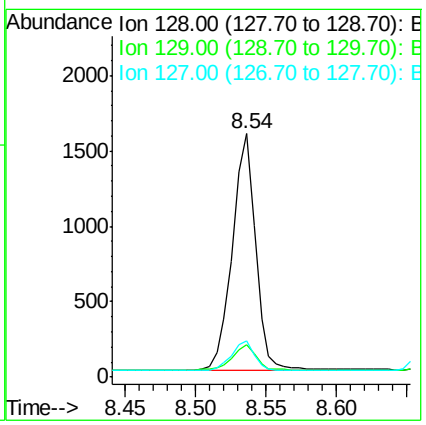


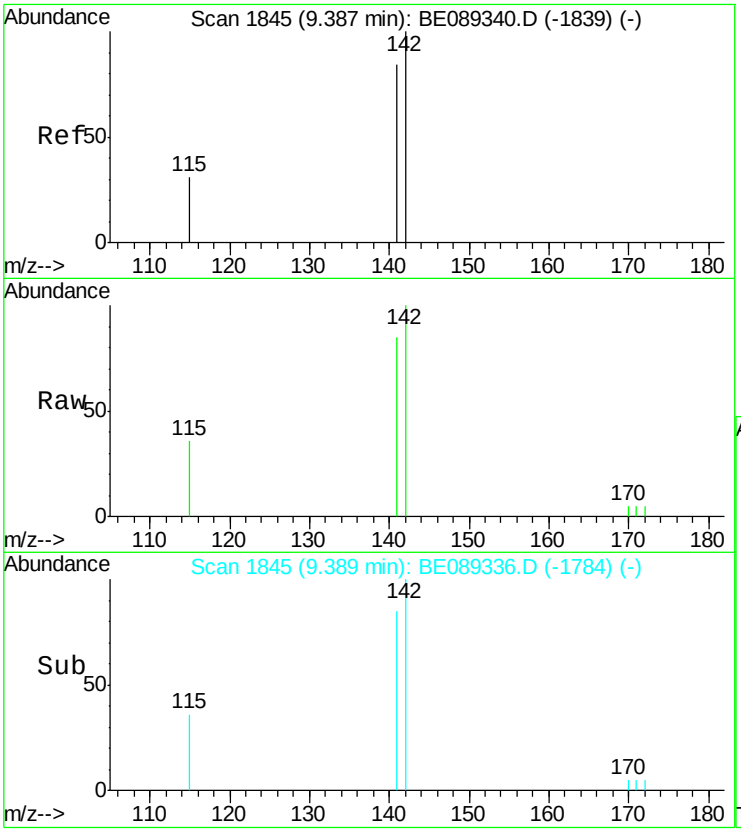


#4
Naphthalene
Concen: 0.10 ng
RT: 8.54 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:128 Resp: 1765

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.8	13.2#
127	14.9	10.0	15.0



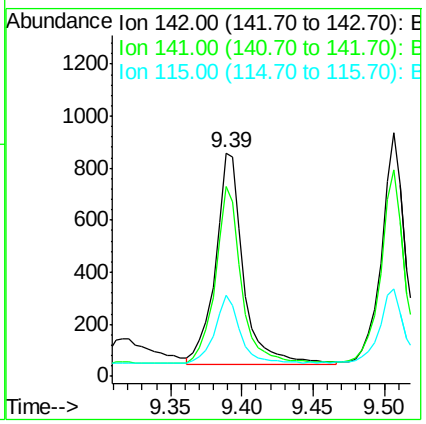


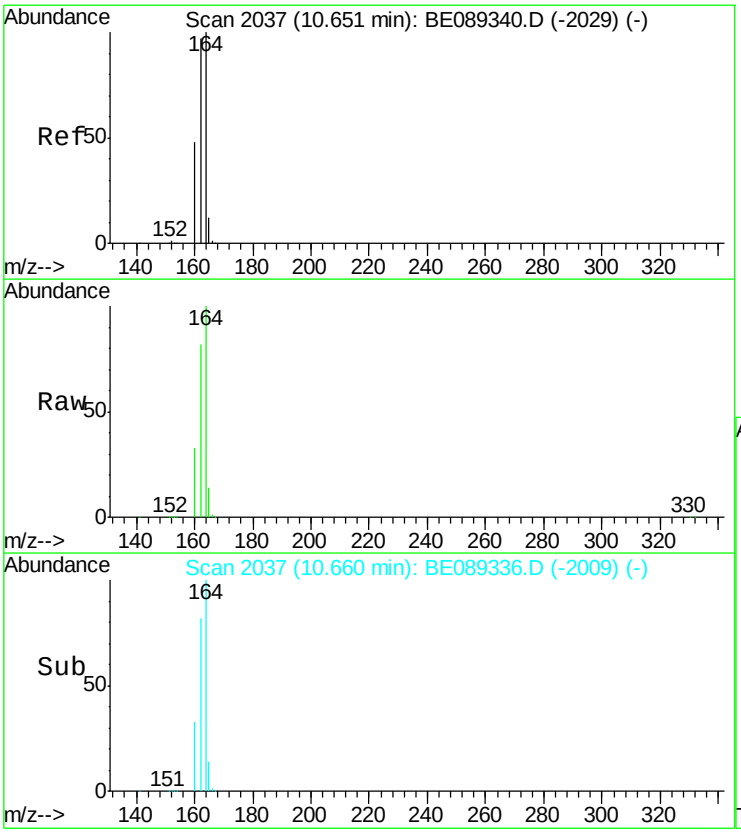
#5
2-Methylnaphthalene
Concen: 0.10 ng
RT: 9.39 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 1109

Ion	Ratio	Lower	Upper
142	100		
141	85.2	66.3	99.5
115	36.1	25.2	37.8

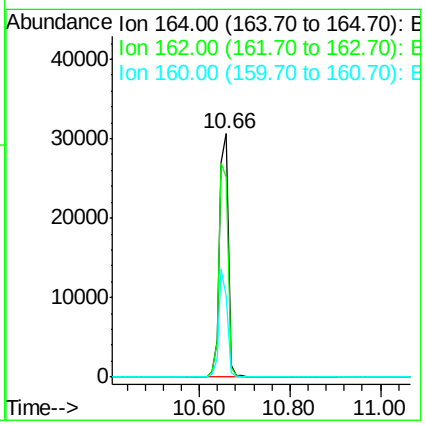


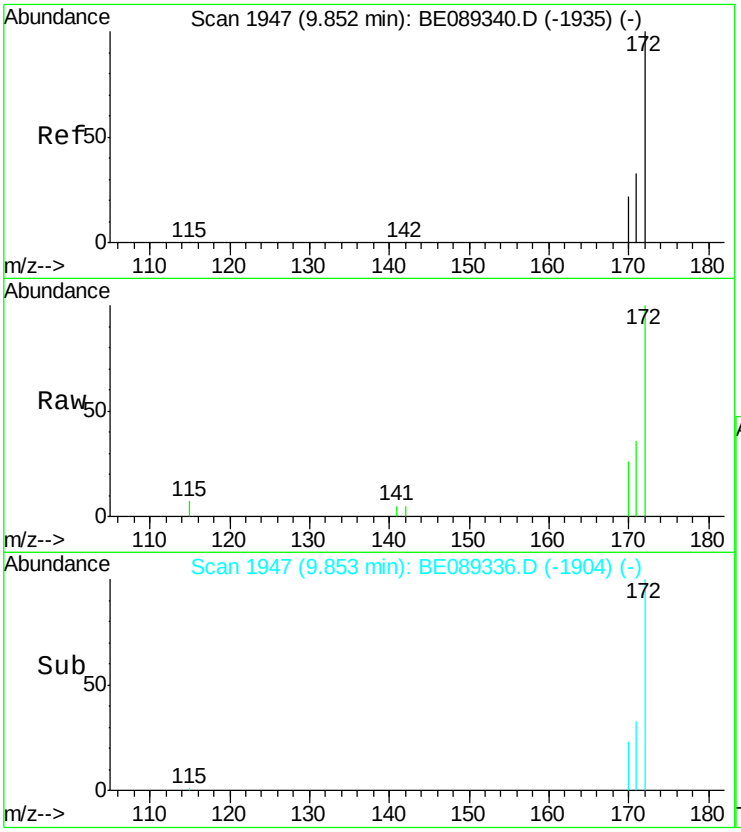


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:164 Resp: 42634

Ion	Ratio	Lower	Upper
164	100		
162	82.3	77.4	116.2
160	33.3	38.2	57.4#



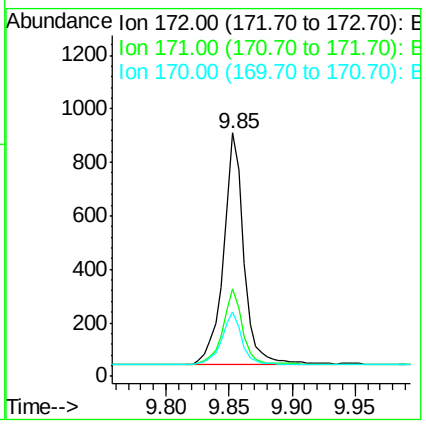


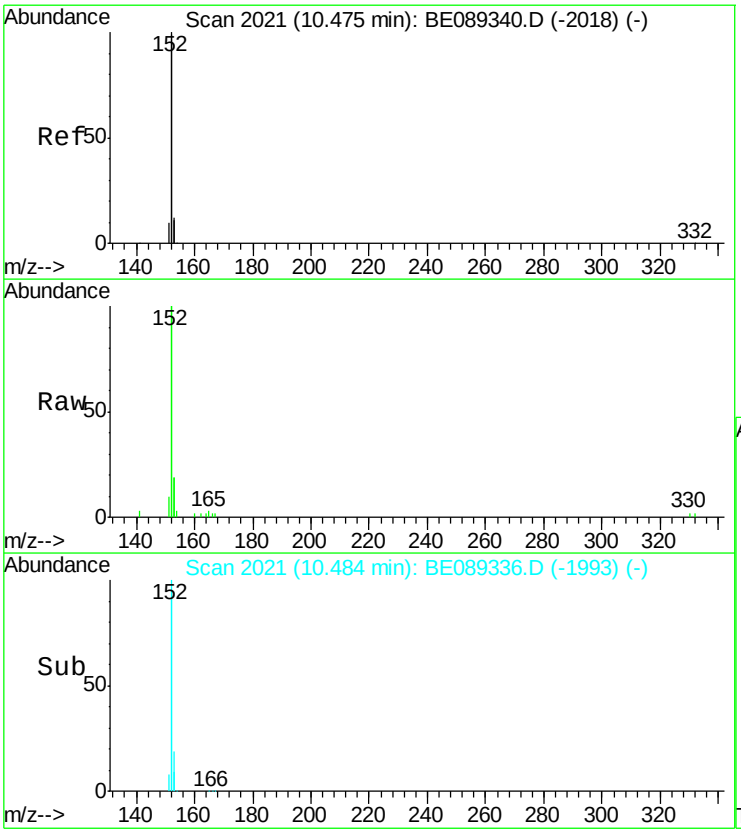
#7
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 9.85 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 969

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.4	39.6
170	26.5	18.0	27.0

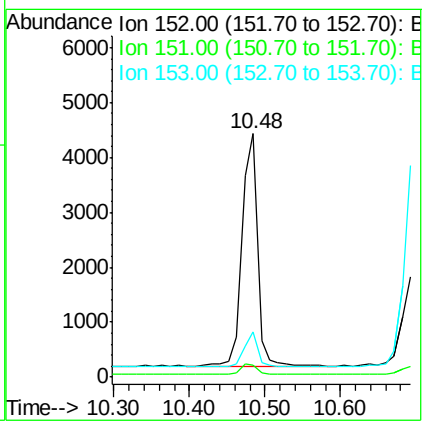


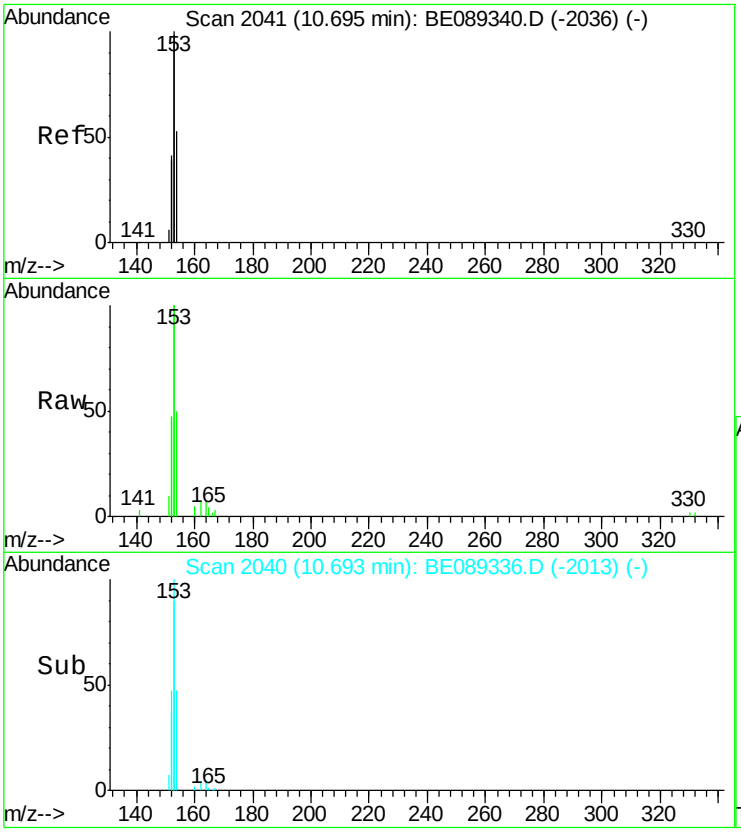


#8
Acenaphthylene
Concen: 0.10 ng
RT: 10.48 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:152 Resp: 6018

Ion	Ratio	Lower	Upper
152	100		
151	5.1	8.1	12.1#
153	18.5	9.8	14.6#



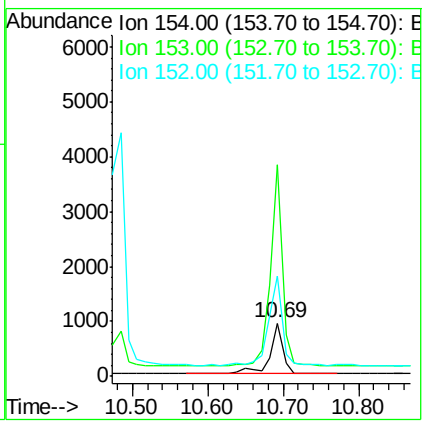


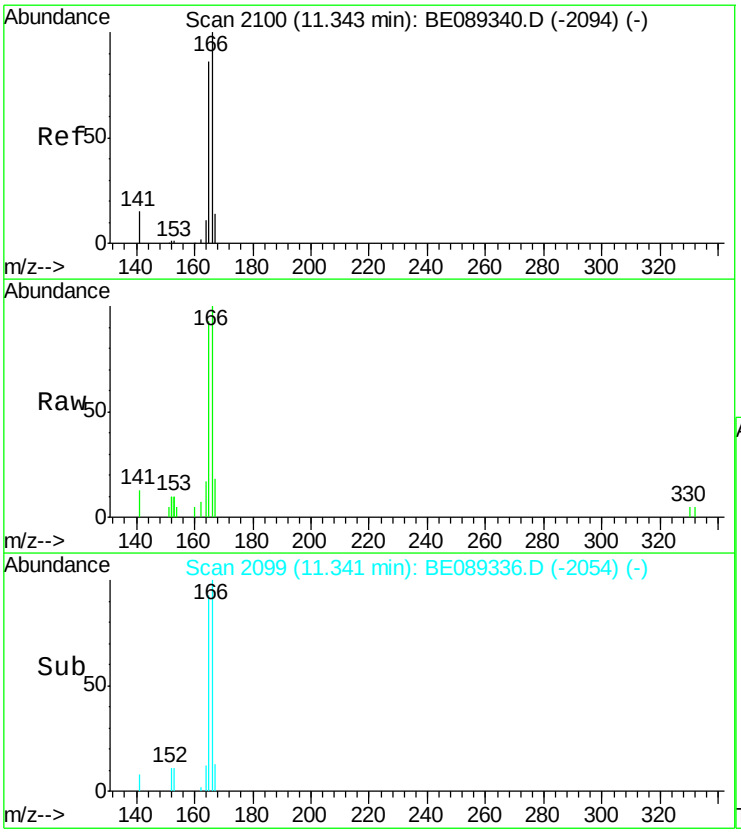
#9
Acenaphthene
Concen: 0.12 ng
RT: 10.69 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1112

Ion	Ratio	Lower	Upper
154	100		
153	401.2	150.2	225.4#
152	189.4	61.6	92.4#

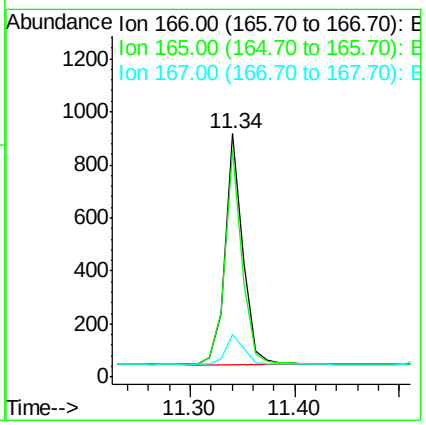


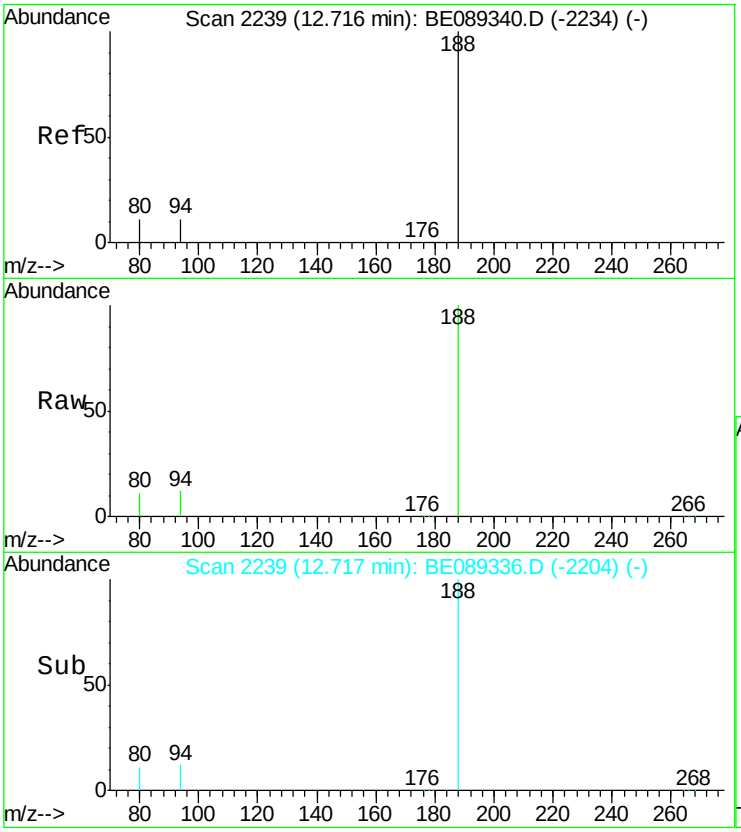


#10
Fluorene
Concen: 0.10 ng
RT: 11.34 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:166 Resp: 1030

Ion	Ratio	Lower	Upper
166	100		
165	91.4	0.0	0.0#
167	13.7	0.0	0.0#



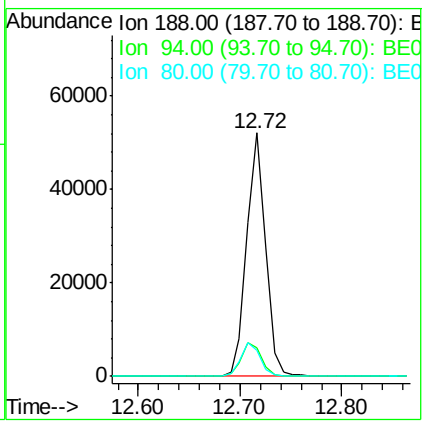


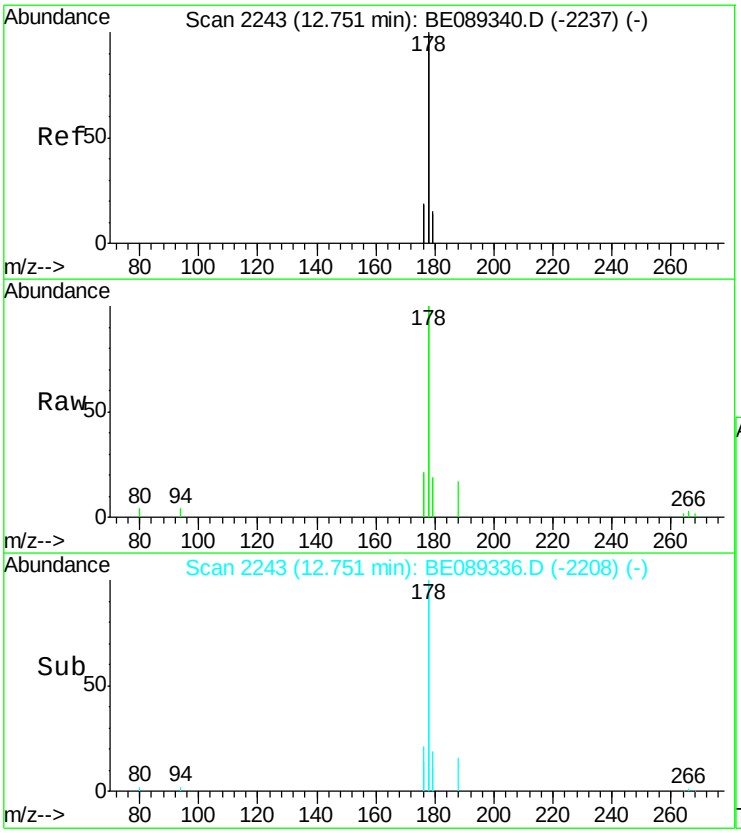
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 66664

Ion	Ratio	Lower	Upper
188	100		
94	12.0	11.0	12.2
80	10.8	10.1	11.1

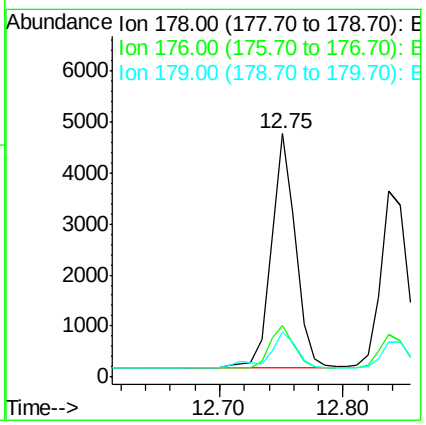


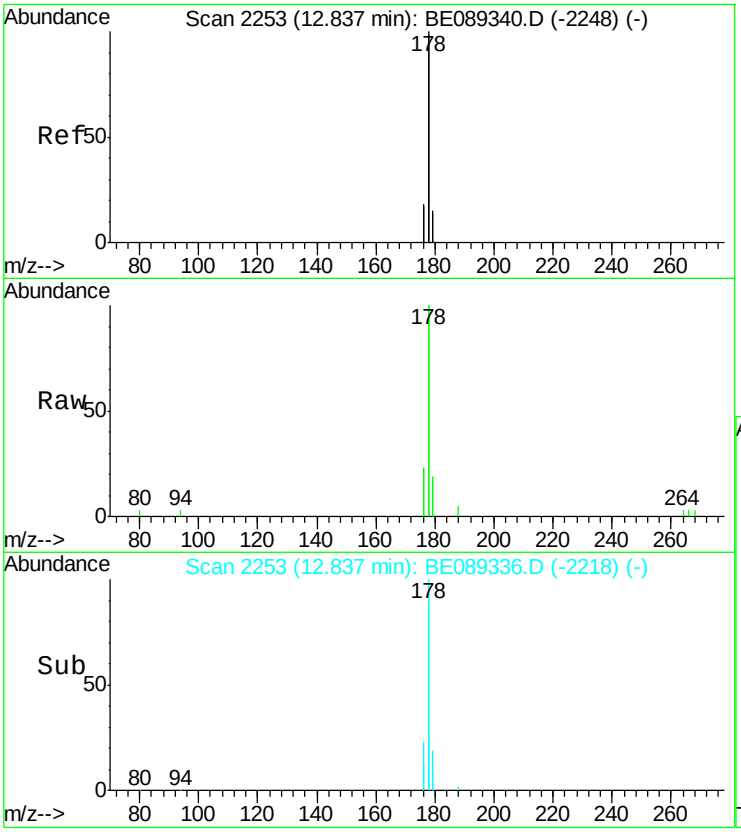


#12
Phenanthrene
Concen: 0.10 ng
RT: 12.75 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:178 Resp: 6276

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.1	22.7
179	18.7	12.2	18.2#



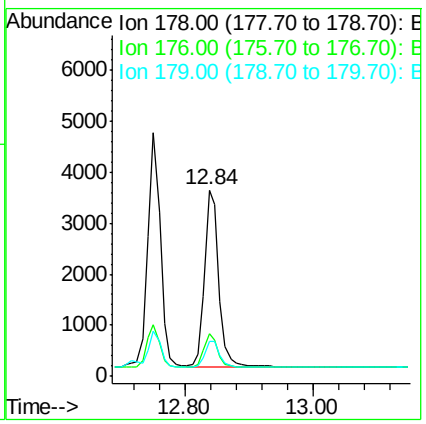


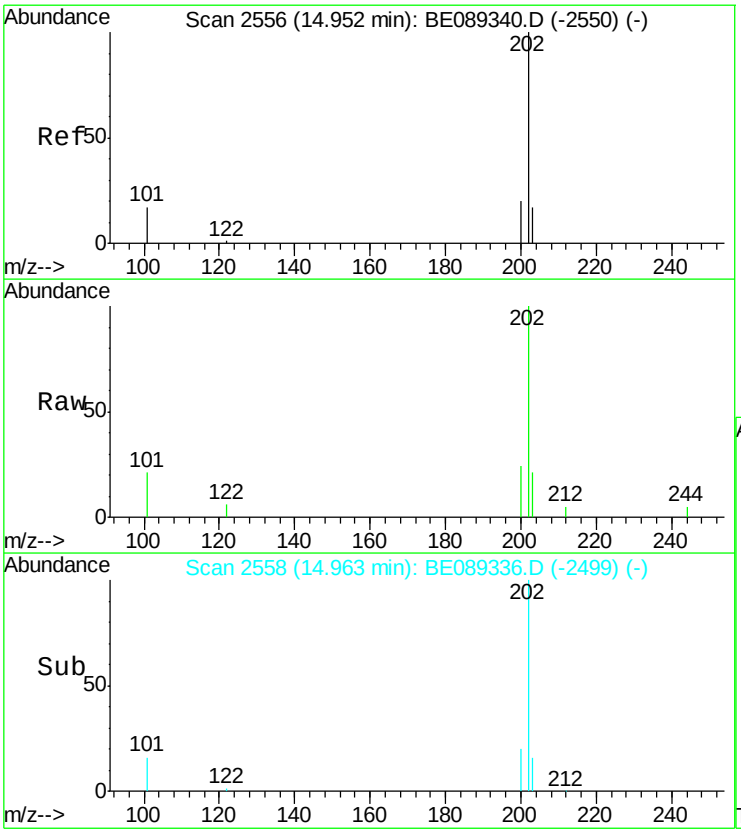
#13
Anthracene
Concen: 0.10 ng
RT: 12.84 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5449

Ion	Ratio	Lower	Upper
178	100		
176	22.6	14.7	22.1#
179	19.0	12.0	18.0#

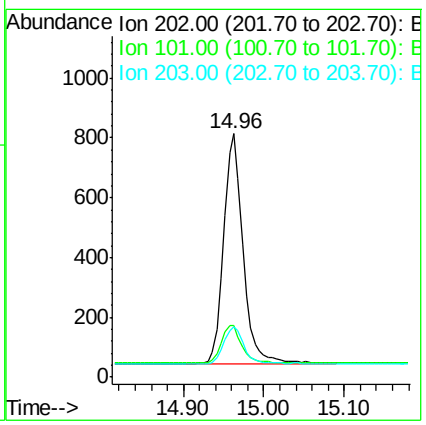


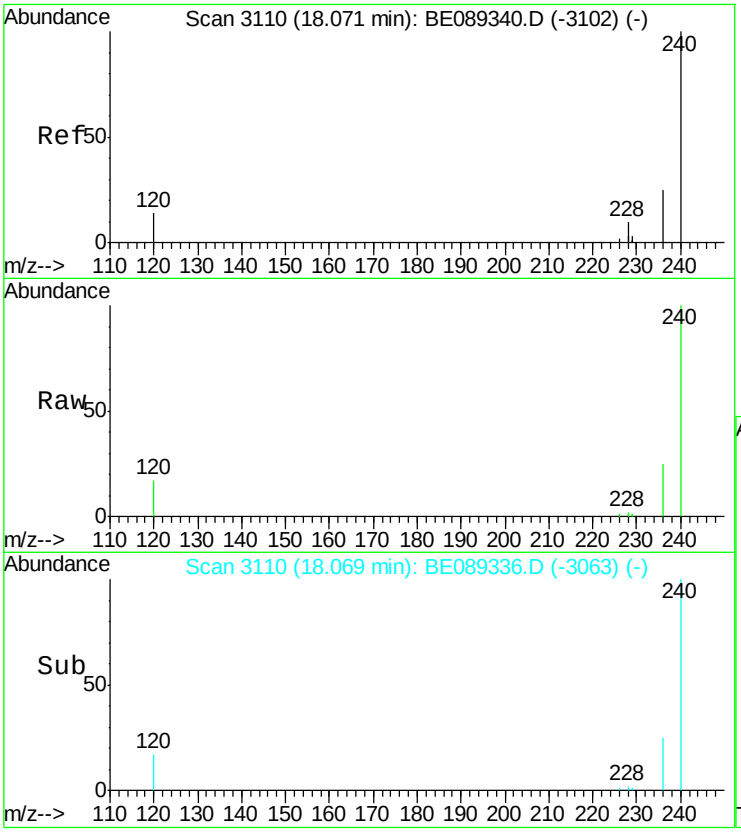


#14
Fluoranthene
Concen: 0.10 ng
RT: 14.96 min Scan# 2558
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:202 Resp: 1297

Ion	Ratio	Lower	Upper
202	100		
101	21.1	0.0	37.9
203	20.9	0.0	37.5



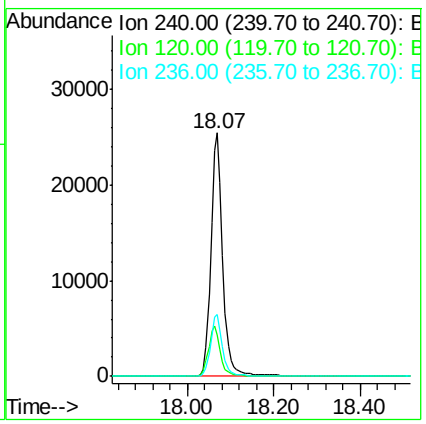


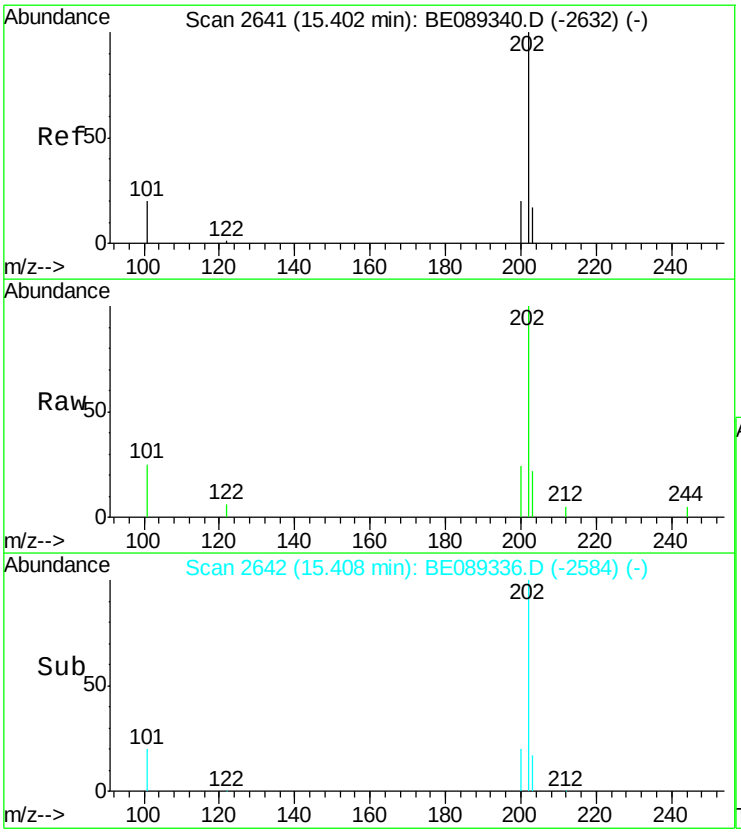
#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 48530

Ion	Ratio	Lower	Upper
240	100		
120	17.1	11.8	17.6
236	25.3	20.0	30.0

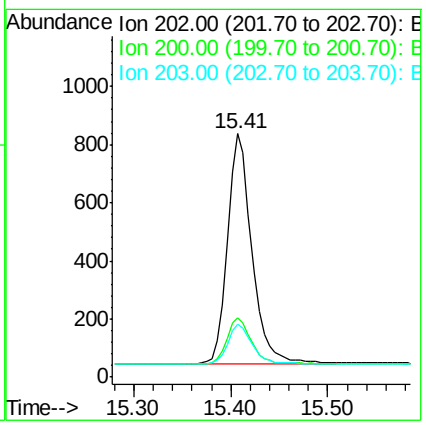


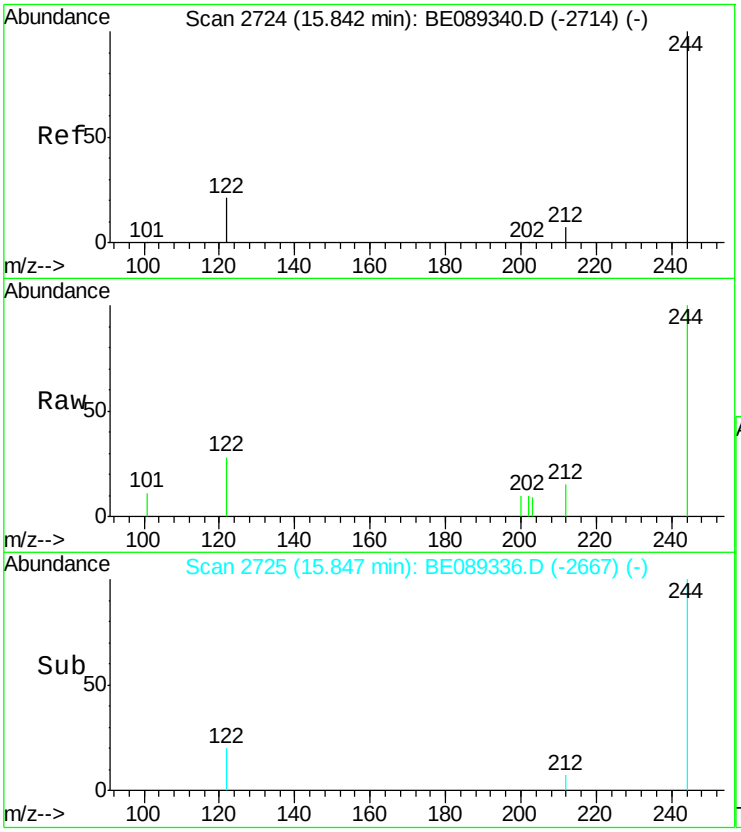


#16
Pyrene
Concen: 0.11 ng
RT: 15.41 min Scan# 2642
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:202 Resp: 1352

Ion	Ratio	Lower	Upper
202	100		
200	24.3	16.8	25.2
203	21.7	14.0	21.0#



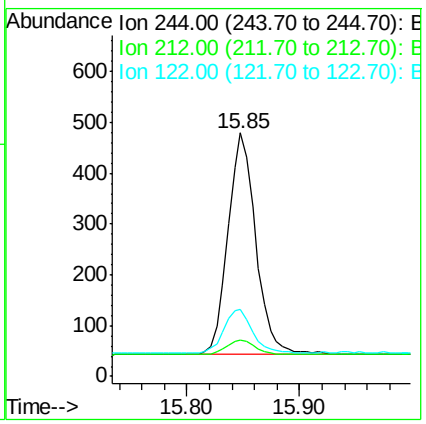


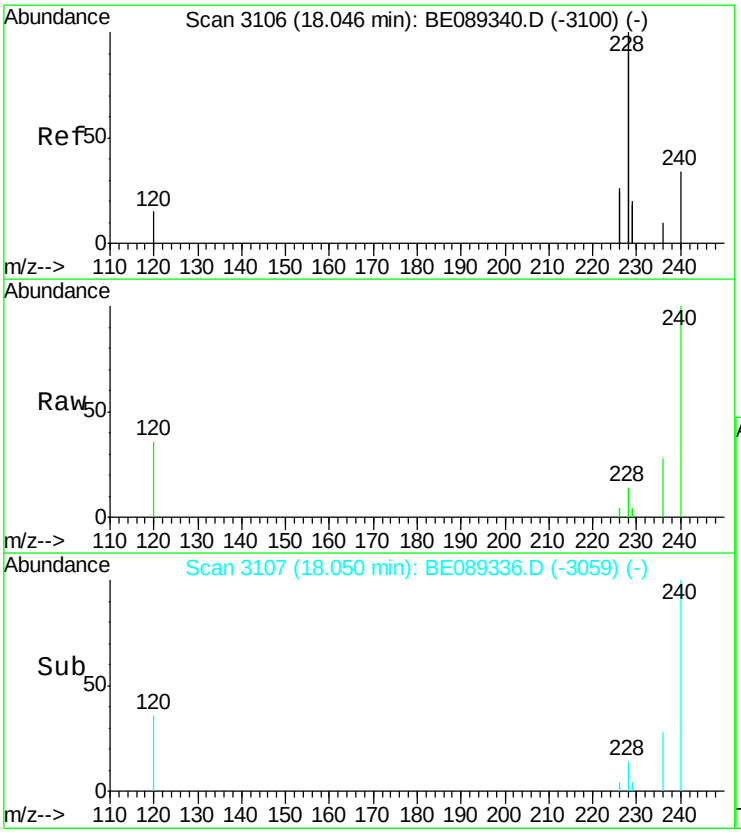
#17
Terphenyl-d14
Concen: 0.10 ng
RT: 15.85 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 750

Ion	Ratio	Lower	Upper
244	100		
212	15.0	6.3	9.5#
122	27.8	17.7	26.5#

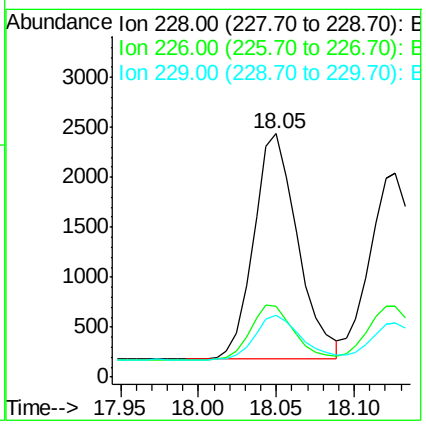


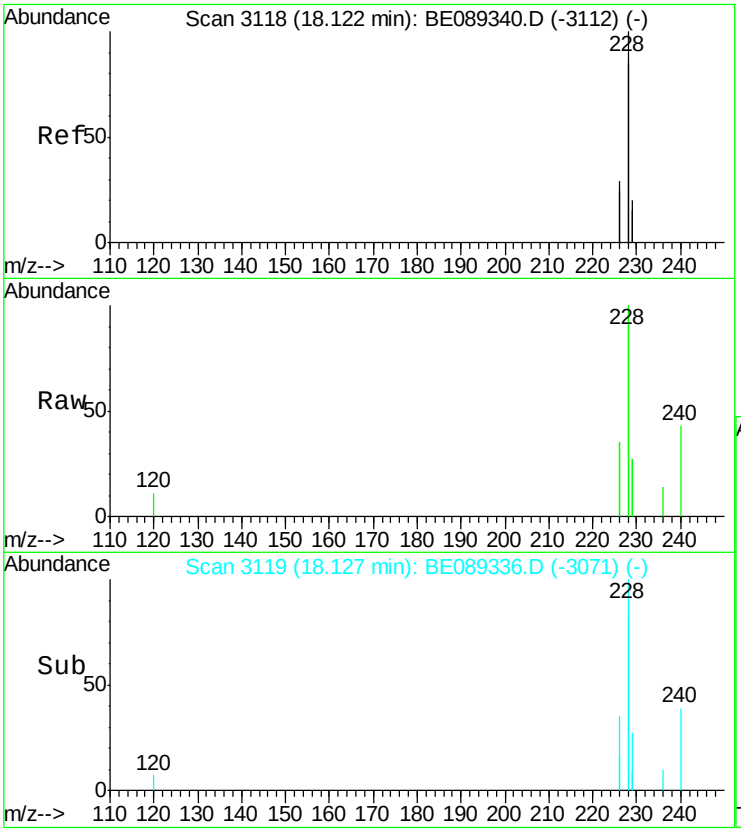


#18
Benzo(a)anthracene
Concen: 0.11 ng
RT: 18.05 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:228 Resp: 4437

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.0	31.6
229	25.5	16.0	24.0#



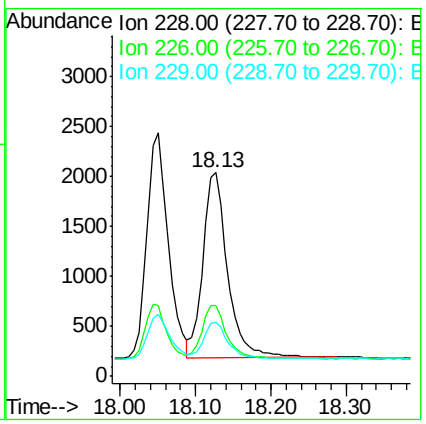


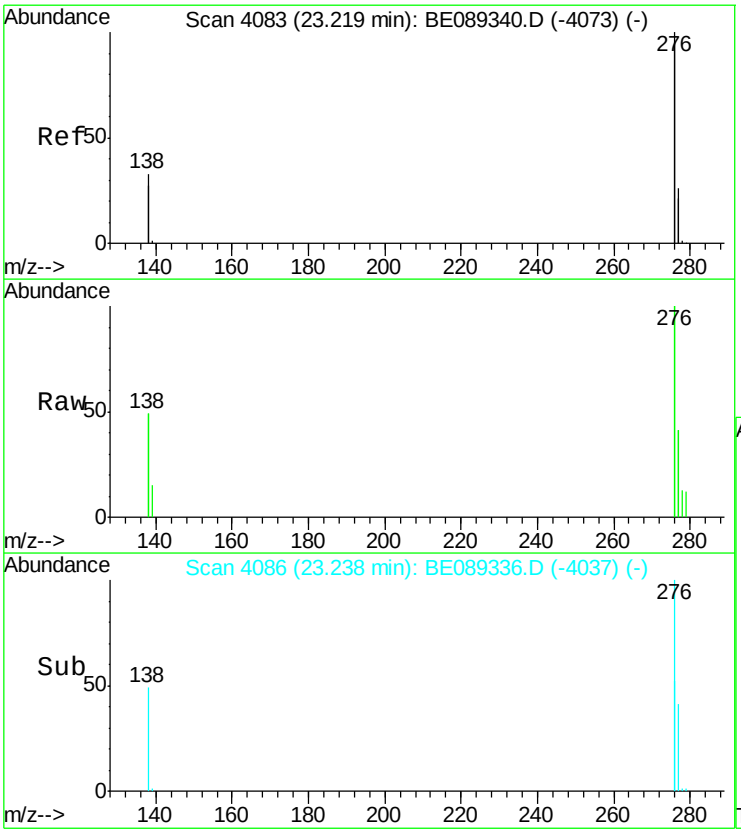
#19
Chrysene
Concen: 0.10 ng
RT: 18.13 min Scan# 3119
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4226

Ion	Ratio	Lower	Upper
228	100		
226	34.6	23.5	35.3
229	26.7	16.1	24.1#

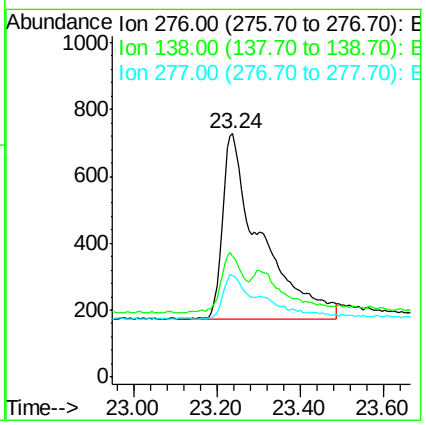


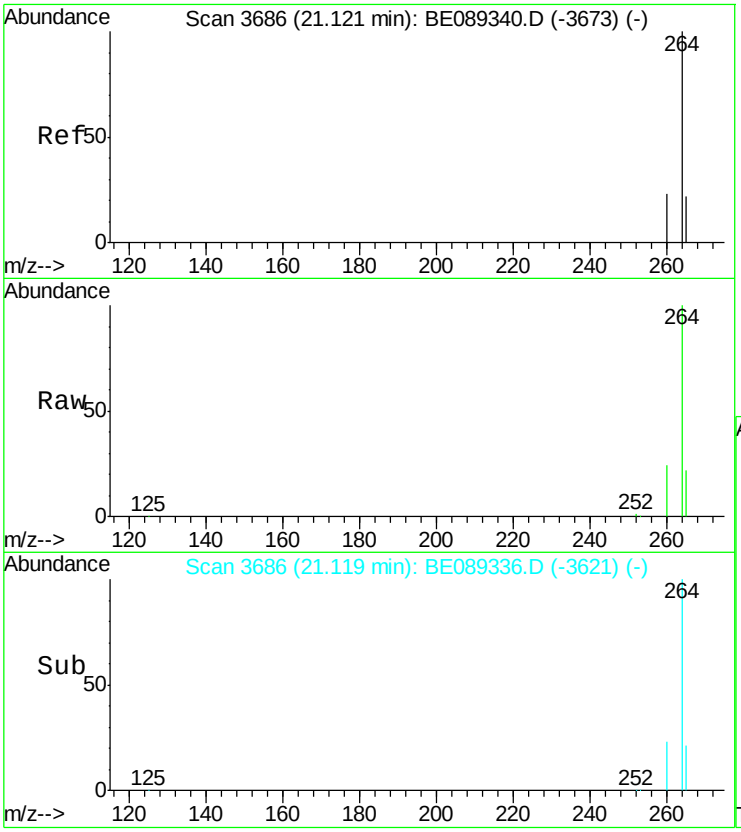


#20
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng
RT: 23.24 min Scan# 4086
Delta R.T. 0.02 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:276 Resp: 3503

Ion	Ratio	Lower	Upper
276	100		
138	18.0	0.0	0.0#
277	13.8	0.0	0.0#



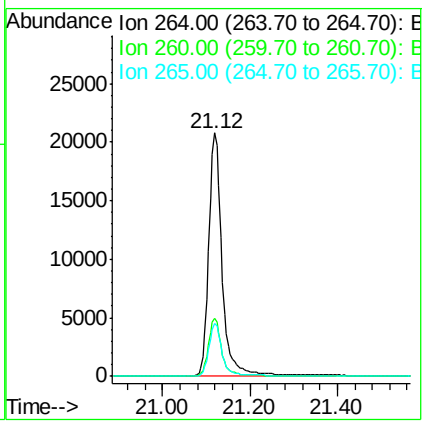


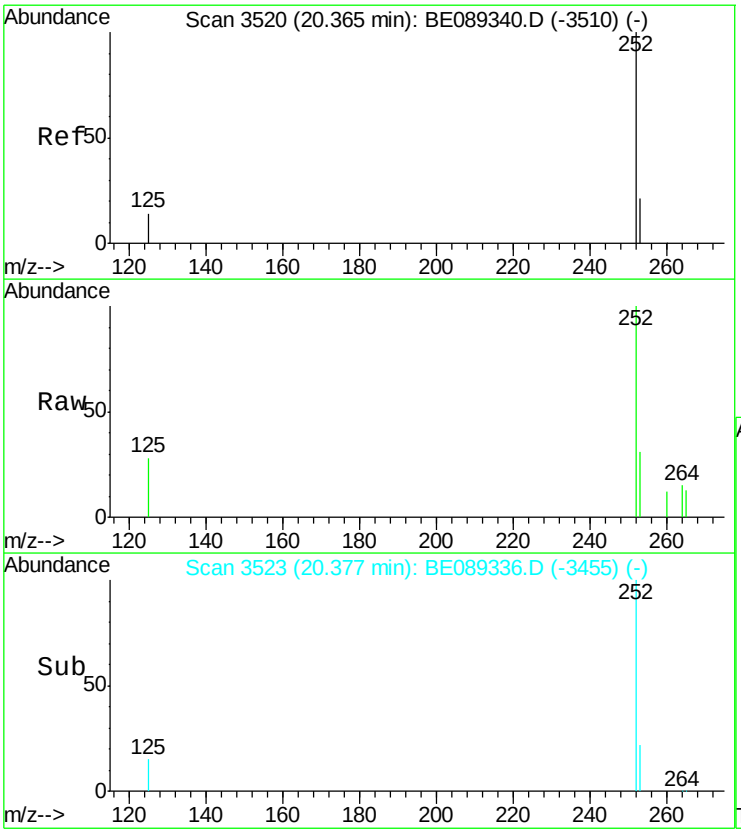
#21
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 3686
Delta R.T. -0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 43445

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.5	17.4	26.2

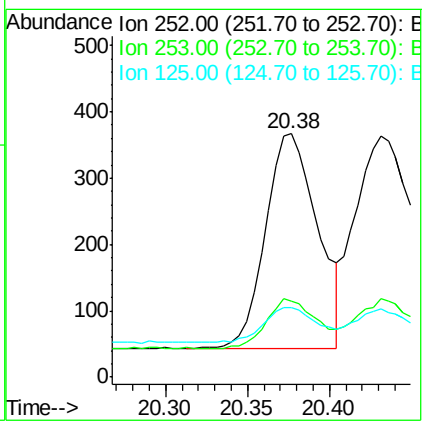


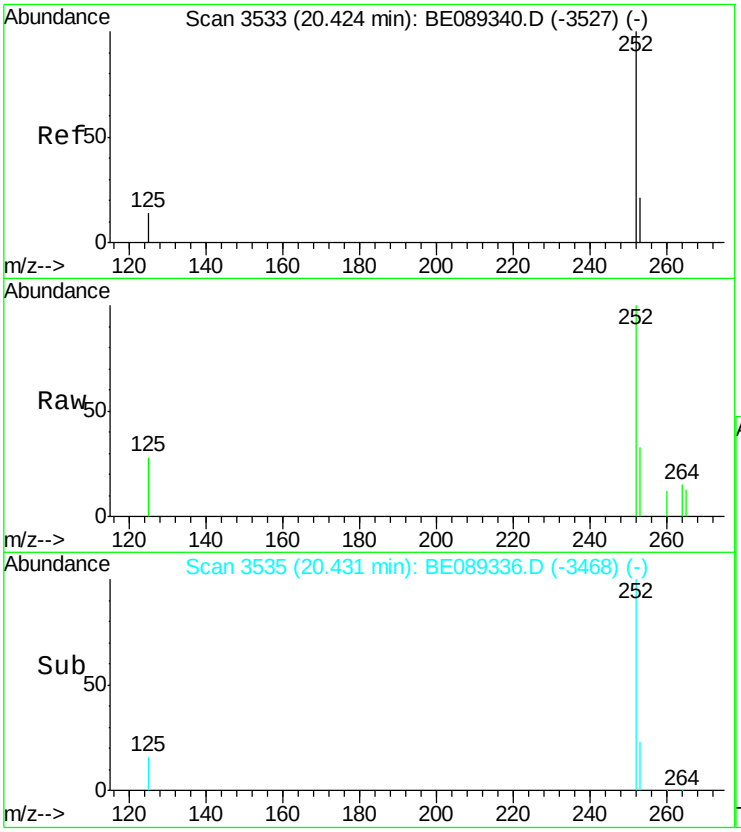


#22
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 20.38 min Scan# 3523
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:252 Resp: 714

Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.8	26.6#
125	28.3	12.6	18.8#



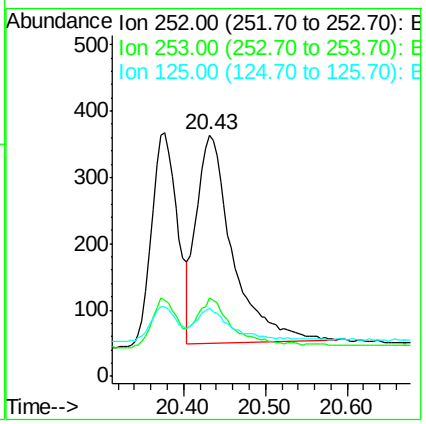


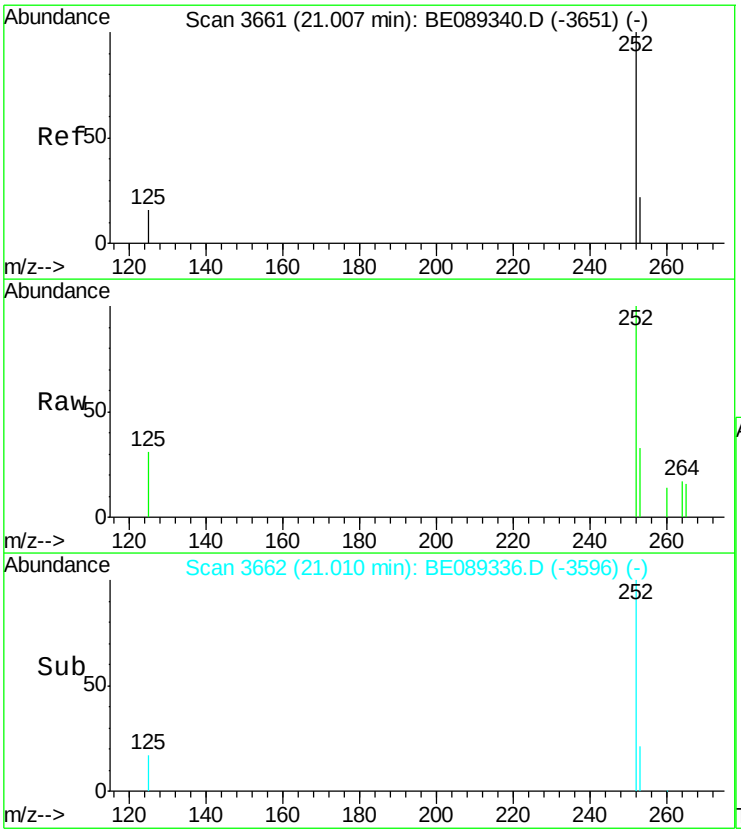
#23
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 20.43 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 969

Ion	Ratio	Lower	Upper
252	100		
253	32.7	18.0	27.0#
125	28.3	12.4	18.6#

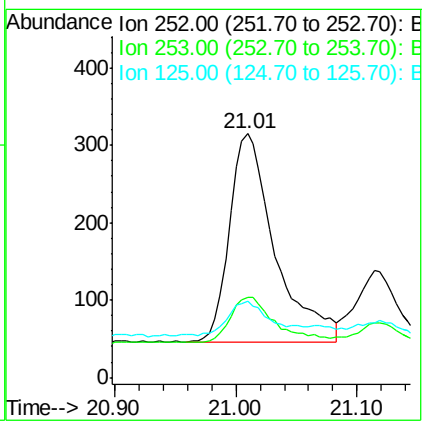


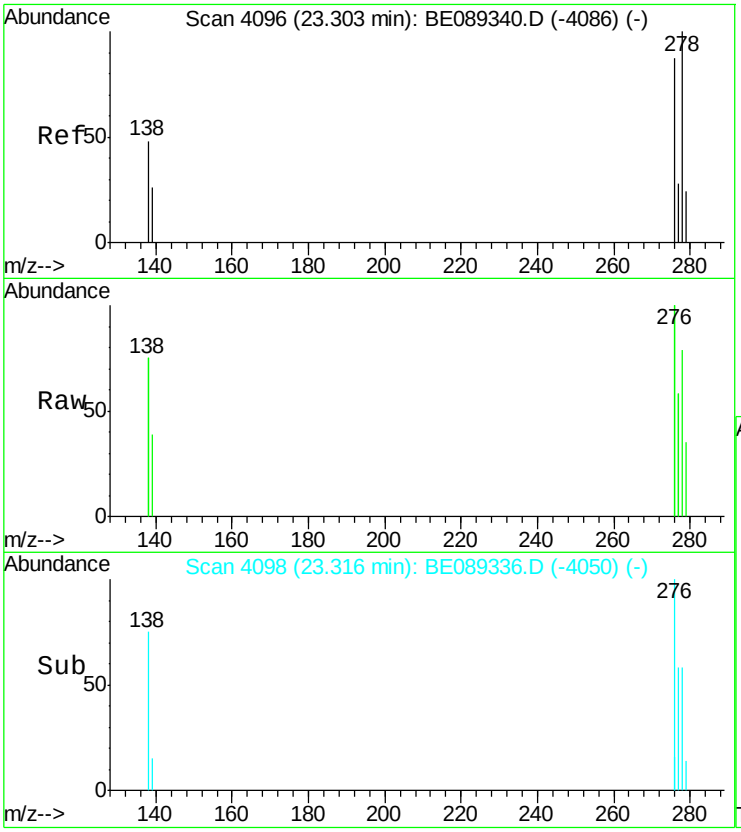


#24
Benzo(a)pyrene
Concen: 0.09 ng
RT: 21.01 min Scan# 3662
Delta R.T. 0.00 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:252 Resp: 702

Ion	Ratio	Lower	Upper
252	100		
253	32.7	18.3	27.5#
125	31.4	13.8	20.8#



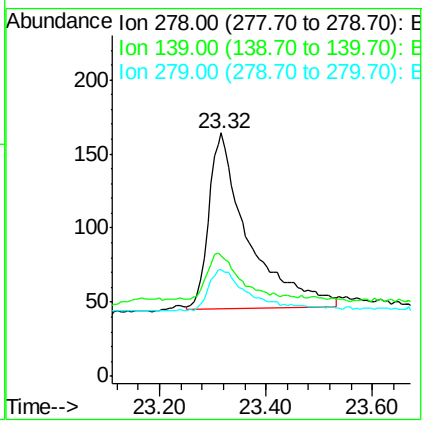


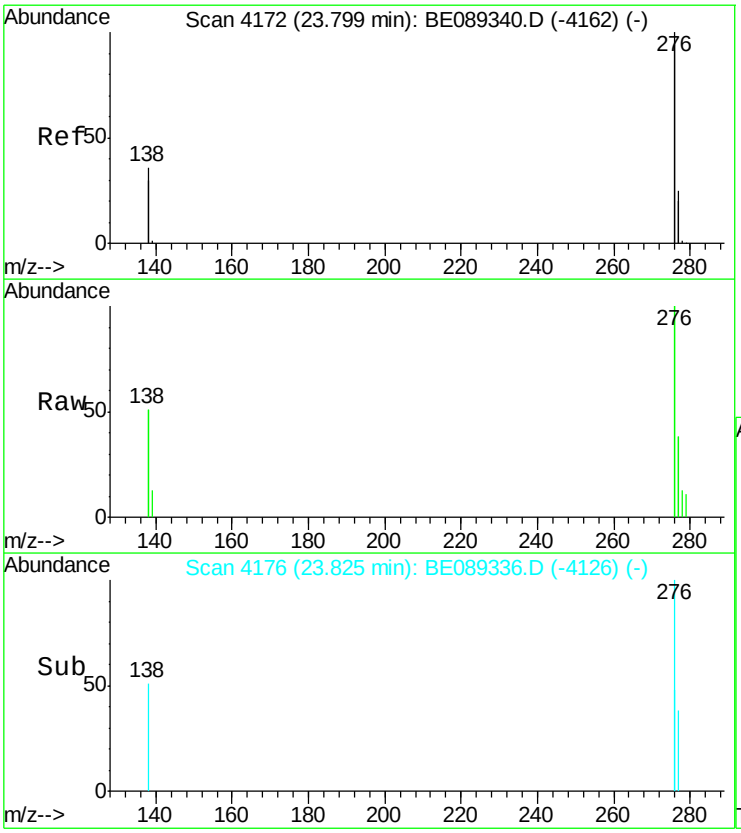
#25
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 23.32 min Scan# 4098
Delta R.T. 0.01 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Instrument :
BNA_E
LabSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 612

Ion	Ratio	Lower	Upper
278	100		
139	49.4	22.9	34.3#
279	43.9	20.8	31.2#





#26
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 23.82 min Scan# 4176
Delta R.T. 0.03 min
Lab File: BE089336.D
Acq: 7 Jan 2015 19:54

Tgt Ion:276 Resp: 3372

Ion	Ratio	Lower	Upper
276	100		
277	38.3	20.0	30.0#
138	50.7	28.5	42.7#