Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089689.D
Acq On : 25 Feb 2015 4:38
Operator : TP/JJ
Sample : G1353-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FB

Quant Time: Feb 25 07:14:13 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 04:05:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	44028	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	195511	5.00	ng		0.00
8) Acenaphthene-d10	16.41	164	87730	5.00	ng		0.00
13) Phenanthrene-d10	19.77	188	147367	5.00	ng		0.00
19) Chrysene-d12	23.66	240	99181	5.00	ng		0.00
25) Perylene-d12	25.34	264	78935	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.60	82	74990	6.51	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	166848	8.55	ng		0.00
21) Terphenyl-d14	22.30	244	136767	11.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	22	0.00	ng	#	27
3) n-Nitrosodimethylamine	3.35	42	7	0.07	ng	#	1
6) Naphthalene	12.29	128	1857	0.05	ng	#	89
7) 2-Methylnaphthalene	13.95	142	2984	0.14	ng		97
10) Acenaphthylene	16.06	152	7045	0.06	ng	#	82
11) Acenaphthene	16.49	154	1397	0.07	ng	#	53
12) Fluorene	17.74	166	2319	0.10	ng	#	82
14) Hexachlorobenzene	18.99	284	217	0.06	ng		91
15) Pentachlorophenol	19.44	266	161	0.58	ng	#	86
16) Phenanthrene	19.81	178	6284	0.20	ng		98
17) Anthracene	19.81	178	6284	0.23	ng		97
18) Fluoranthene	21.72	202	1705	0.06	ng		99
20) Pyrene	22.04	202	1909	0.08	ng		96
22) Benzo(a)anthracene	23.65	228	4276	0.07	ng	#	91
23) Chrysene	23.68	228	6578	0.07	ng	#	90
24) Indeno(1,2,3-cd)pyrene	26.73	276	1156	0.28	ng	#	67
26) Benzo(b)fluoranthene	24.91	252	258	0.33	ng	#	61
27) Benzo(k)fluoranthene	24.94	252	581	0.18	ng	#	58
28) Benzo(a)pyrene	25.27	252	283	0.07	ng	#	53
29) Dibenzo(a,h)anthracene	26.77	278	168	0.32	ng	#	43
30) Benzo(g,h,i)perylene	27.15	276	1298	0.35	ng	#	65

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089689.D
Acq On : 25 Feb 2015 4:38
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Sample : G1353-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
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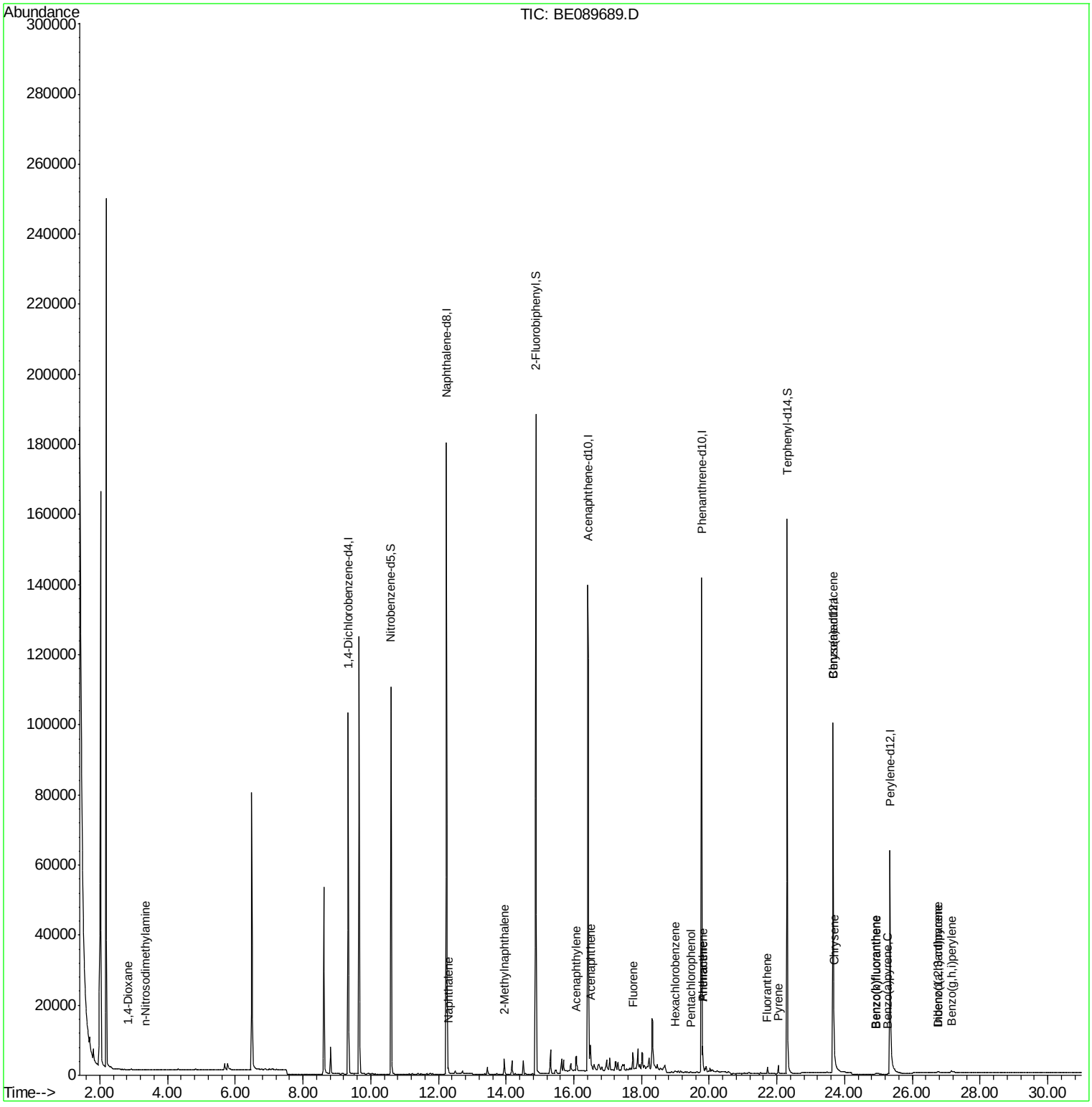
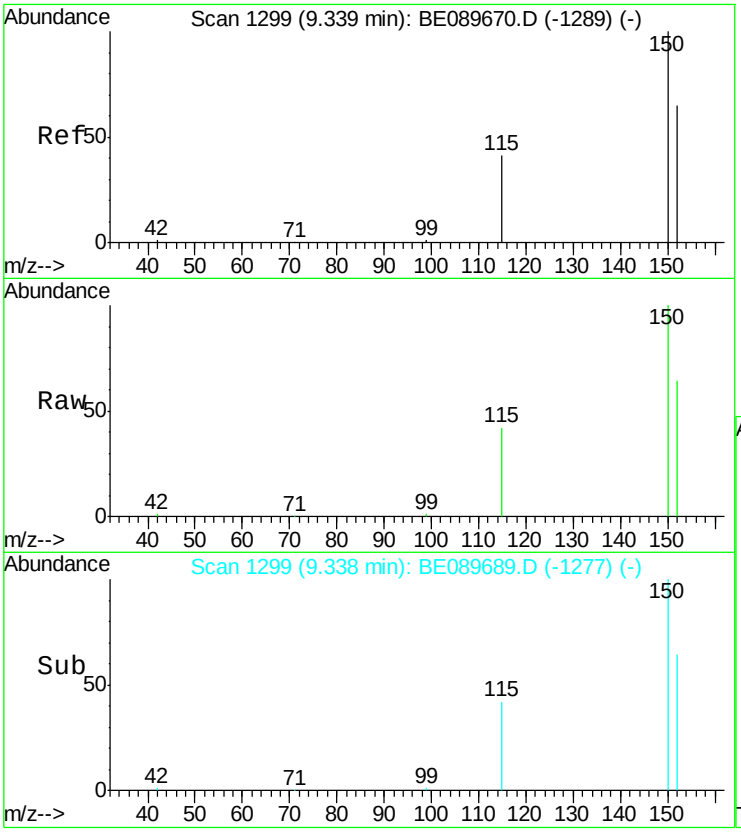
FB

Quant Time: Feb 25 07:14:13 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 04:05:13 2015
Response via : Initial Calibration



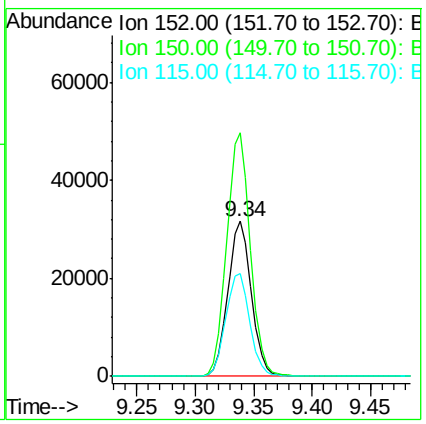


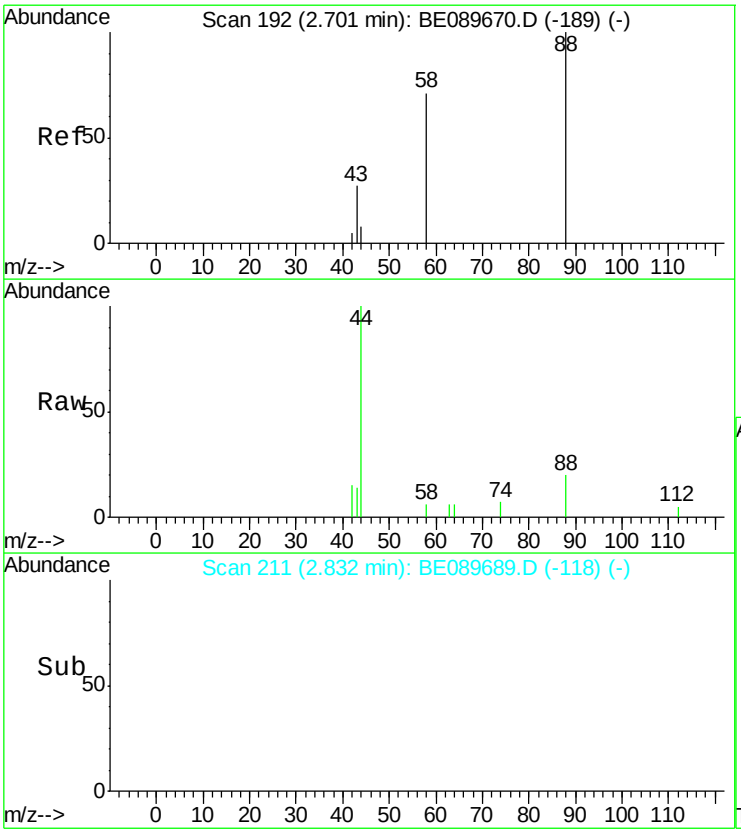
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:152 Resp: 44028

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.4	185.0
115	66.1	50.8	76.2

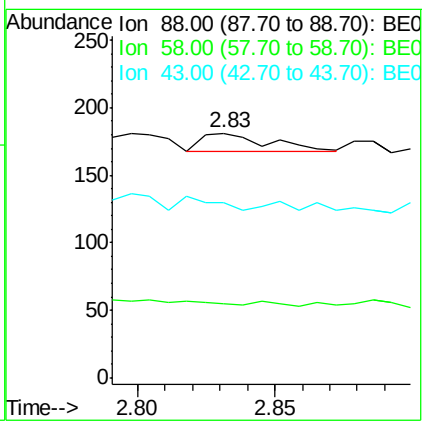


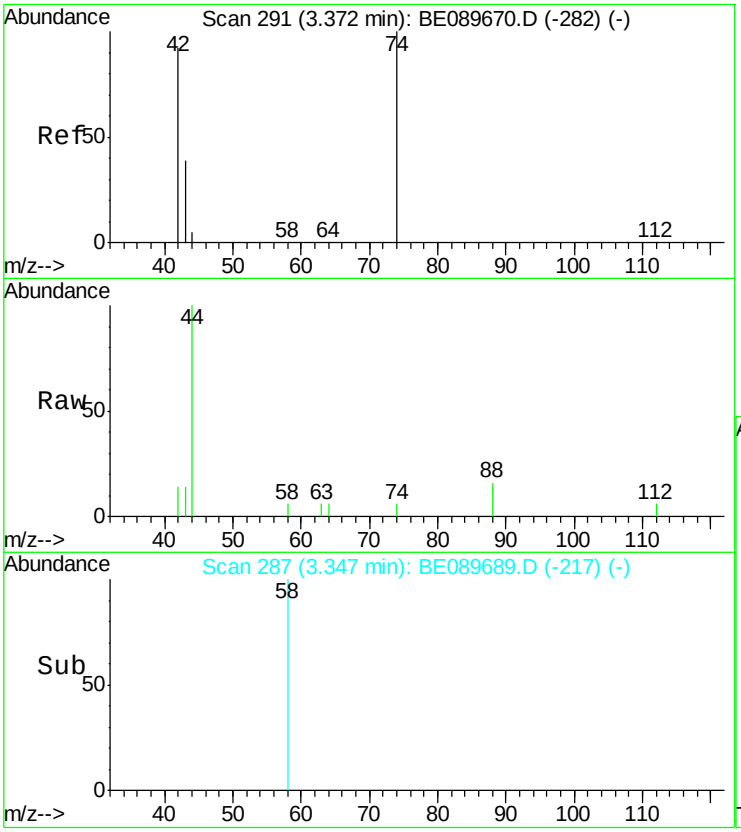


#2
1,4-Dioxane
Concen: 0.00 ng
RT: 2.83 min Scan# 211
Delta R.T. 0.13 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
58	9.1	62.4	93.6#
43	0.0	26.6	40.0#



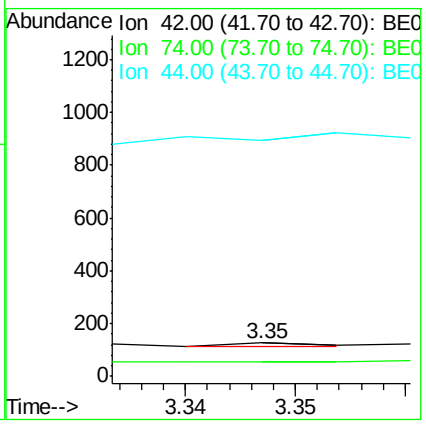


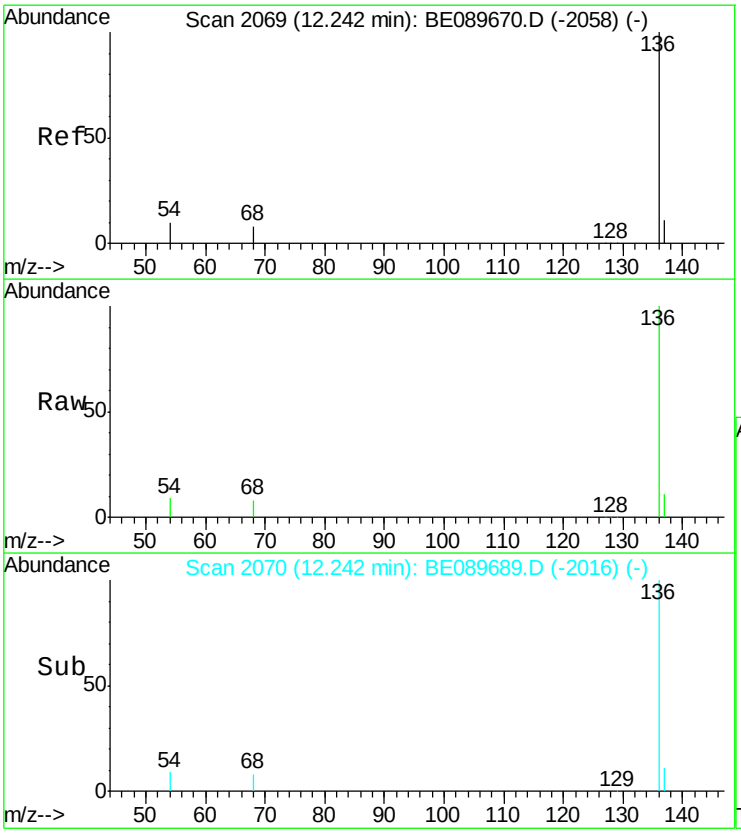
#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.35 min Scan# 287
Delta R.T. -0.03 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion: 42 Resp: 7

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.1	136.7#
44	942.9	4.7	7.1#

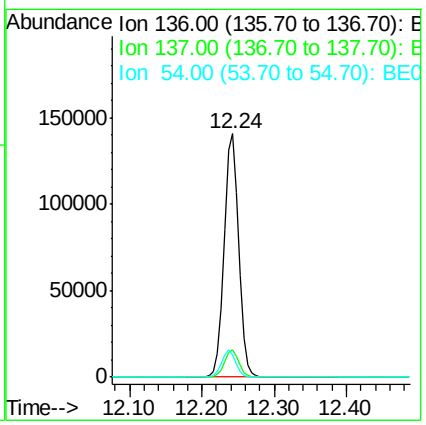


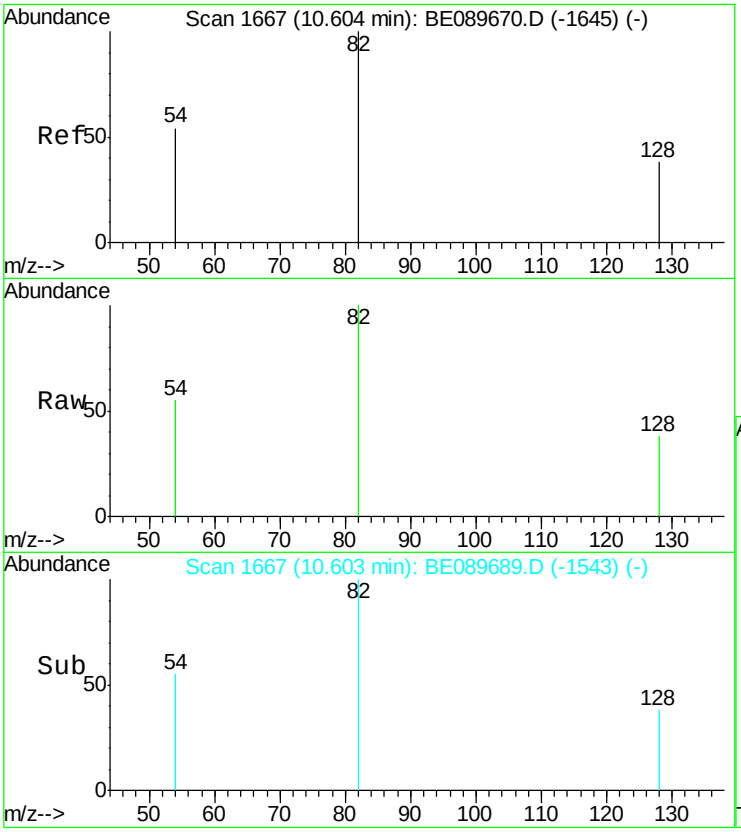


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:136 Resp: 195511

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.3	7.8	11.8



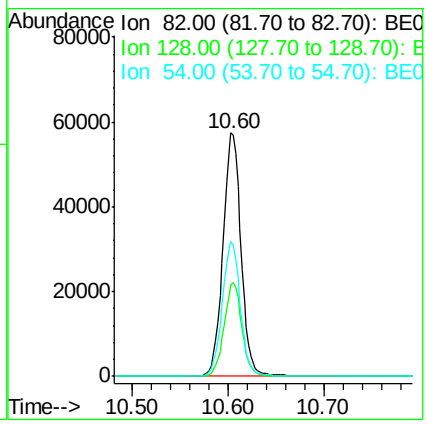


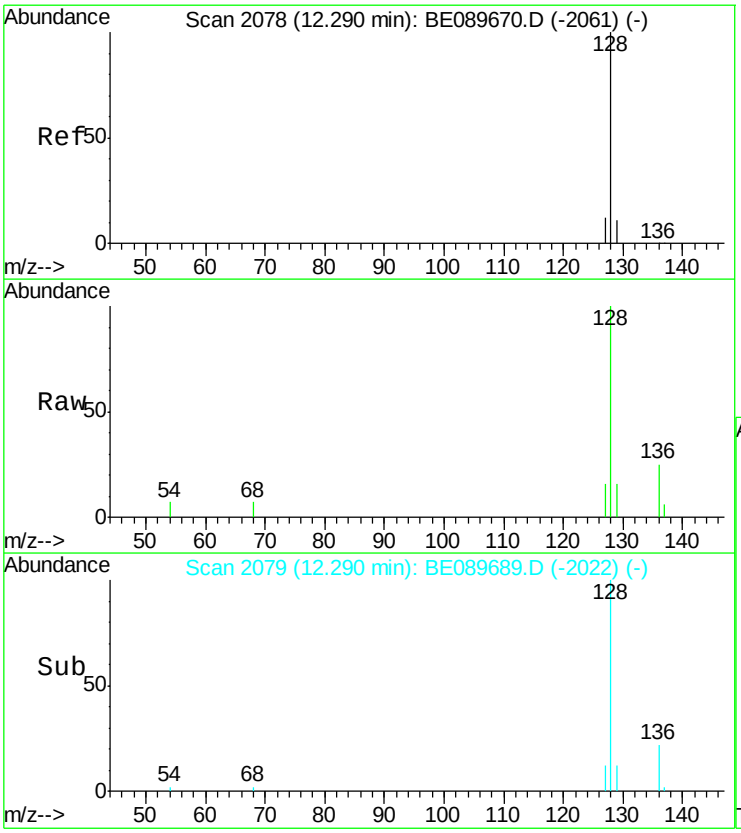
#5
Nitrobenzene-d5
Concen: 6.51 ng
RT: 10.60 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion: 82 Resp: 74990

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.6	46.0
54	55.5	43.6	65.4

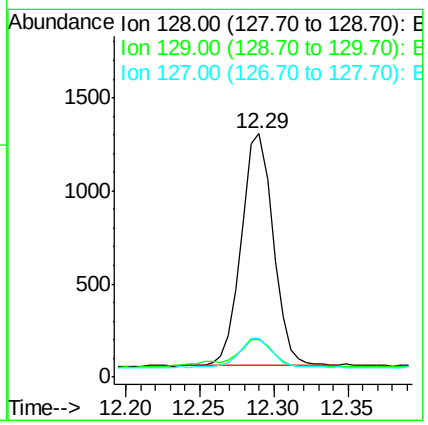


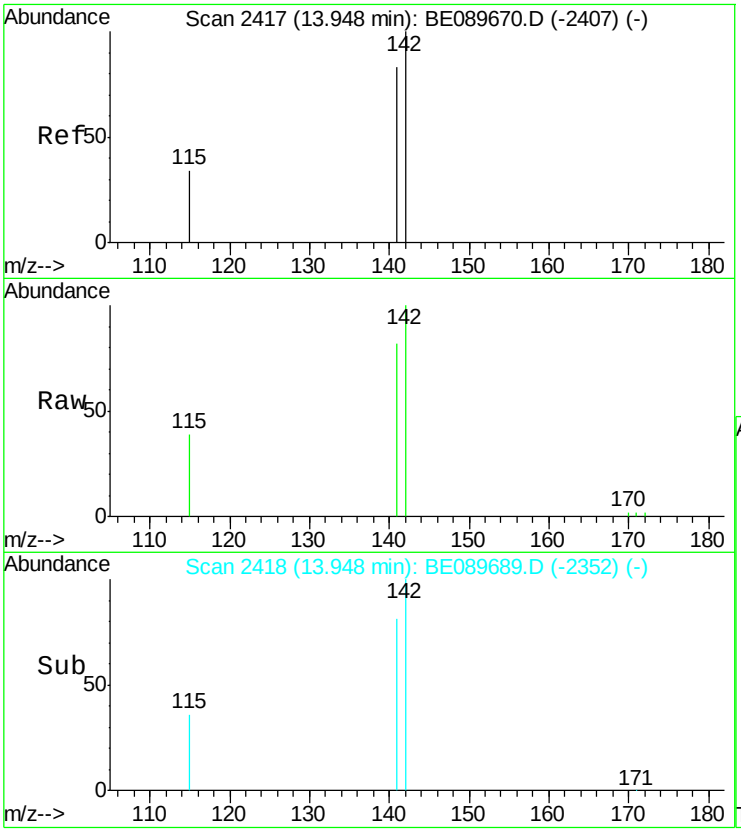


#6
Naphthalene
Concen: 0.05 ng
RT: 12.29 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:128 Resp: 1857

Ion	Ratio	Lower	Upper
128	100		
129	15.6	8.9	13.3#
127	15.8	9.7	14.5#



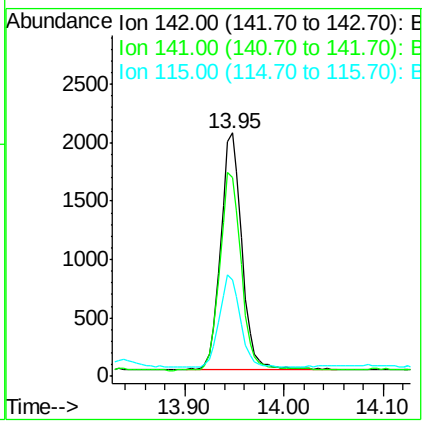


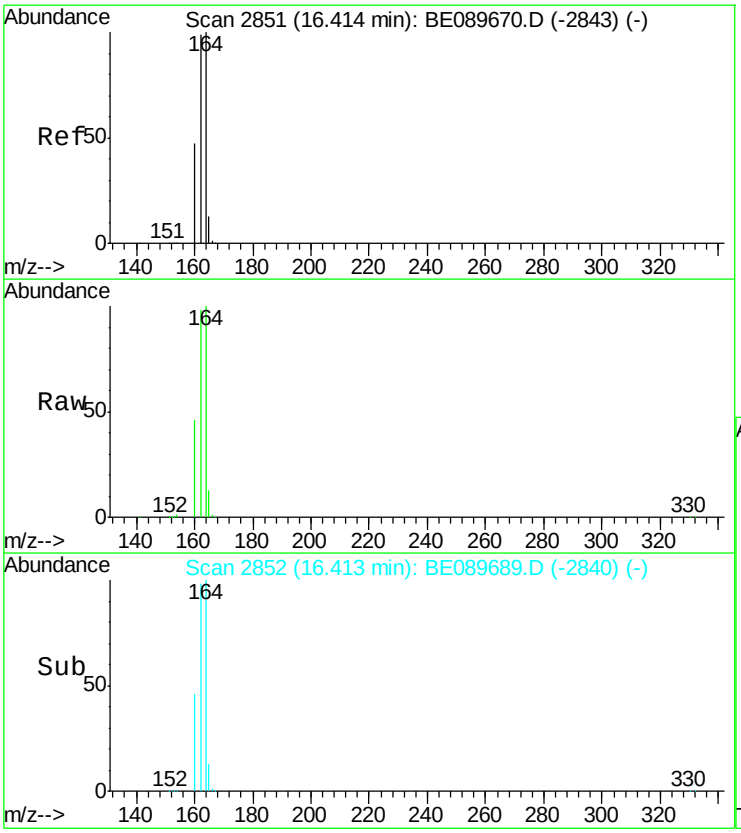
#7
2-Methylnaphthalene
Concen: 0.14 ng
RT: 13.95 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:142 Resp: 2984

Ion	Ratio	Lower	Upper
142	100		
141	81.6	66.0	99.0
115	39.4	27.4	41.0

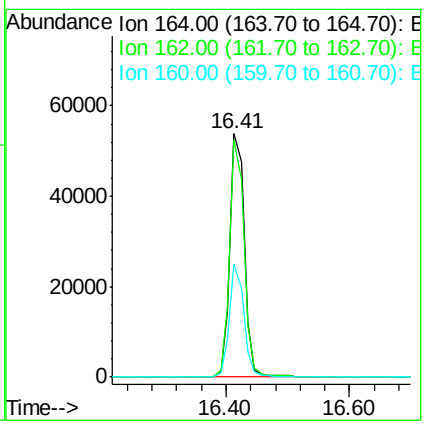


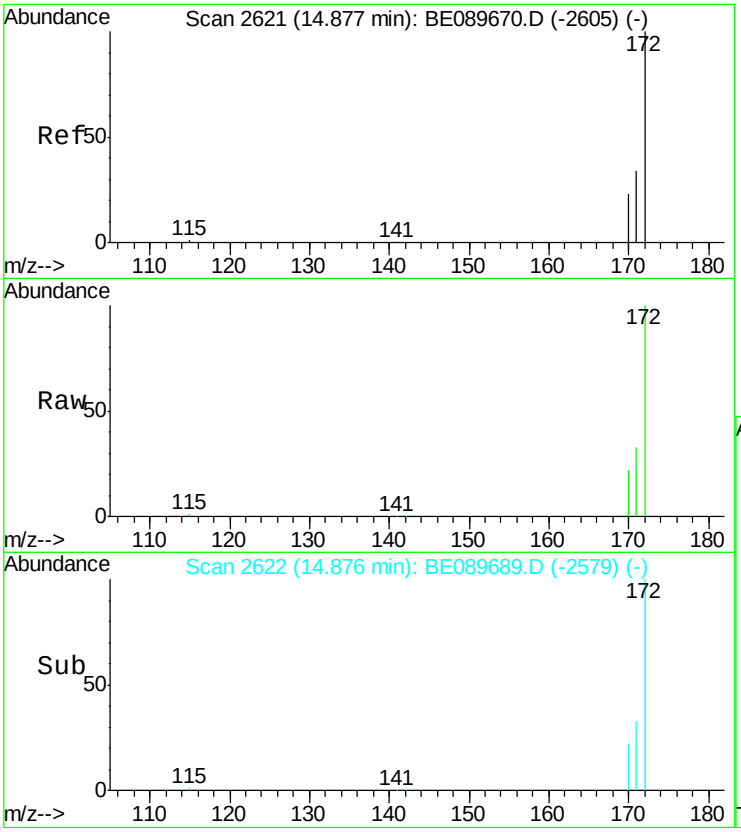


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.41 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:164 Resp: 87730

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.4	119.2
160	46.3	37.6	56.4



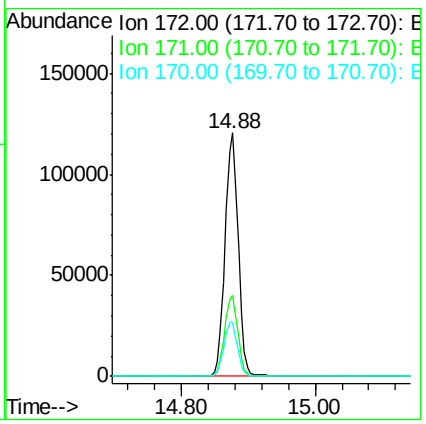


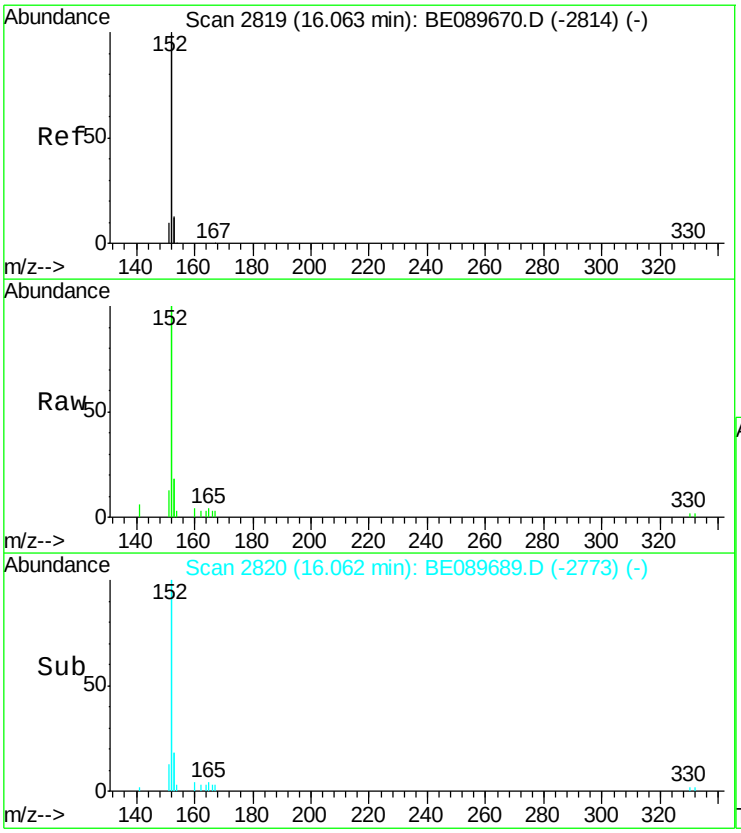
#9
2-Fluorobiphenyl
Concen: 8.55 ng
RT: 14.88 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:172 Resp: 166848

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.3	40.9
170	22.1	18.5	27.7

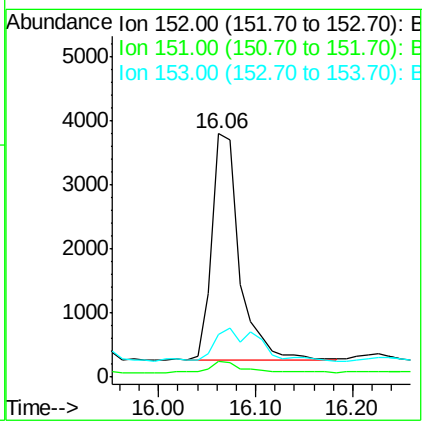


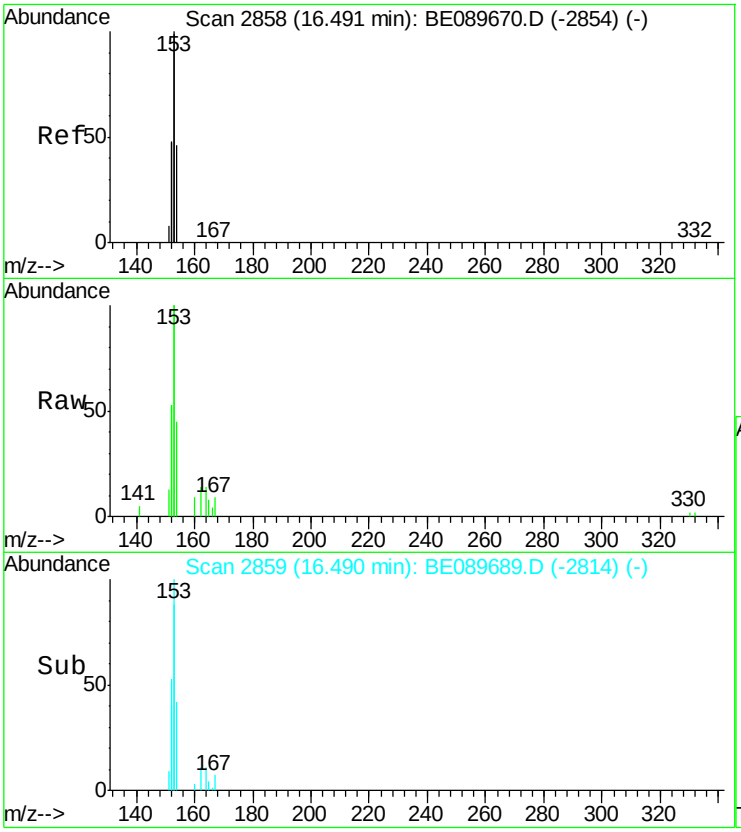


#10
Acenaphthylene
Concen: 0.06 ng
RT: 16.06 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:152 Resp: 7045

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.6
153	22.7	10.4	15.6#



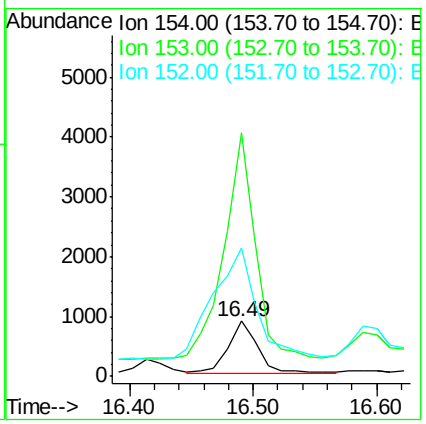


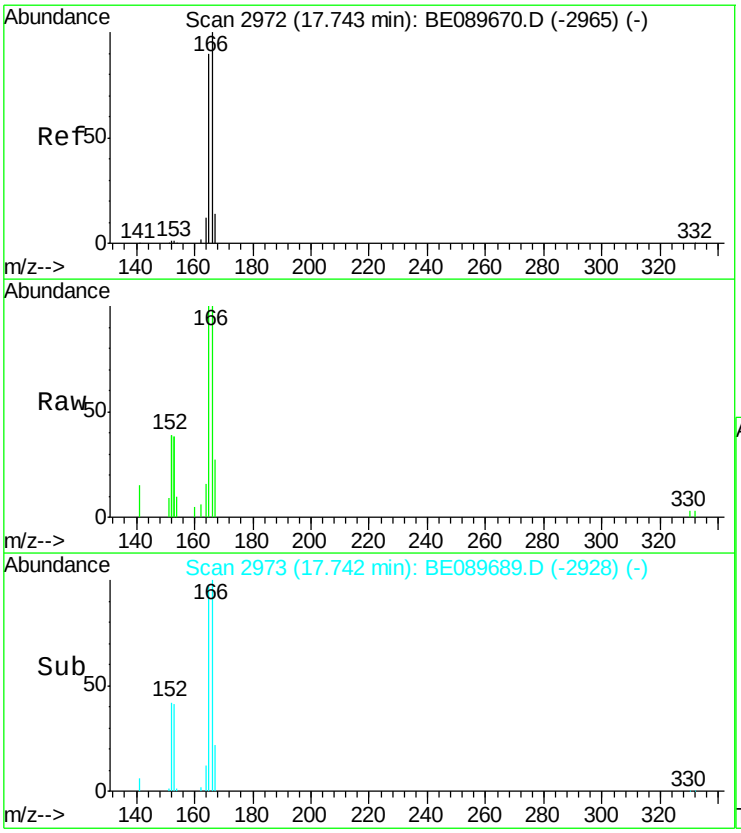
#11
Acenaphthene
Concen: 0.07 ng
RT: 16.49 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:154 Resp: 1397

Ion	Ratio	Lower	Upper
154	100		
153	514.3	345.8	518.8
152	328.0	168.6	252.8#

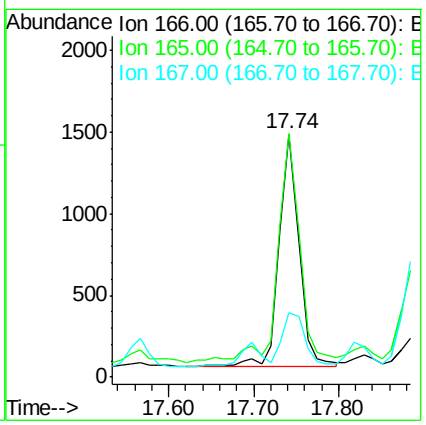


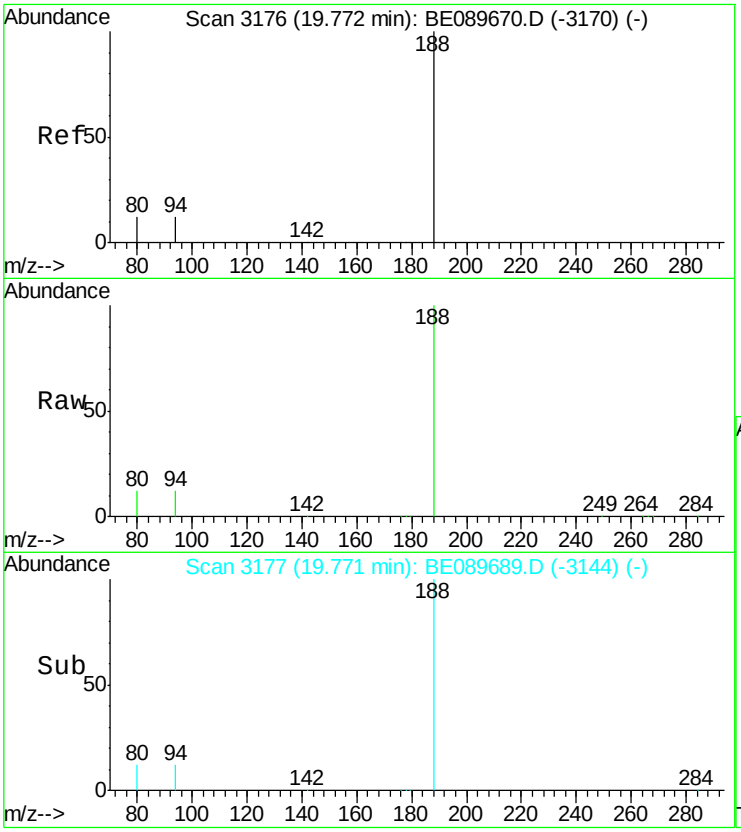


#12
Fluorene
Concen: 0.10 ng
RT: 17.74 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:166 Resp: 2319

Ion	Ratio	Lower	Upper
166	100		
165	107.6	73.6	110.4
167	23.7	10.6	16.0#



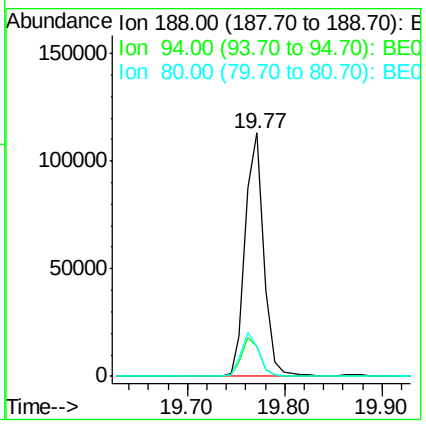


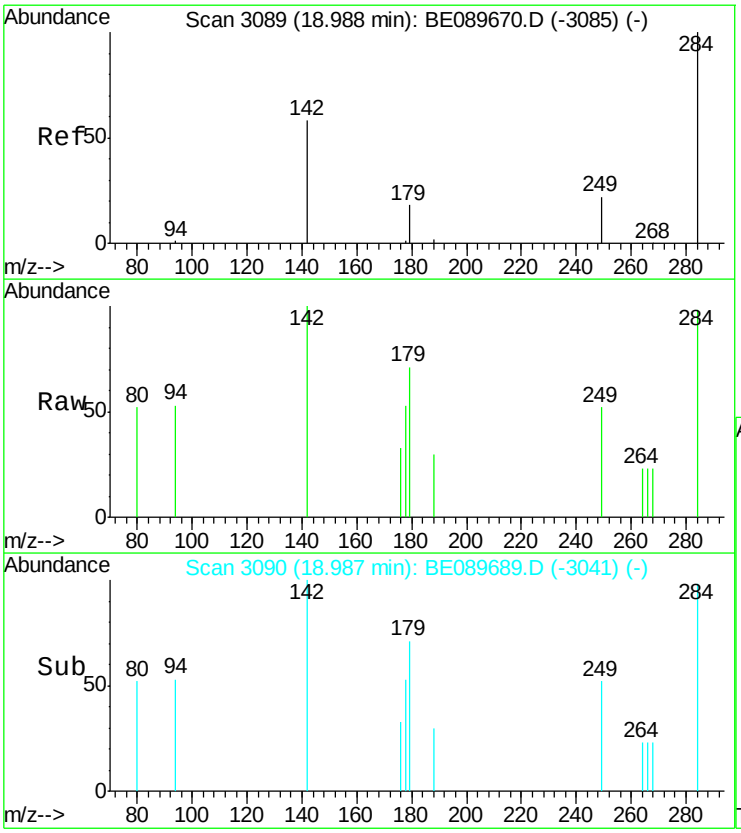
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:188 Resp: 147367

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.4	9.5	14.3

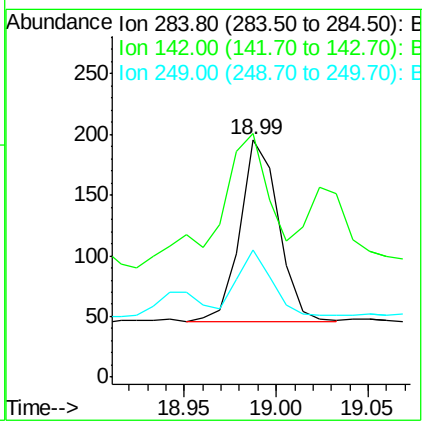


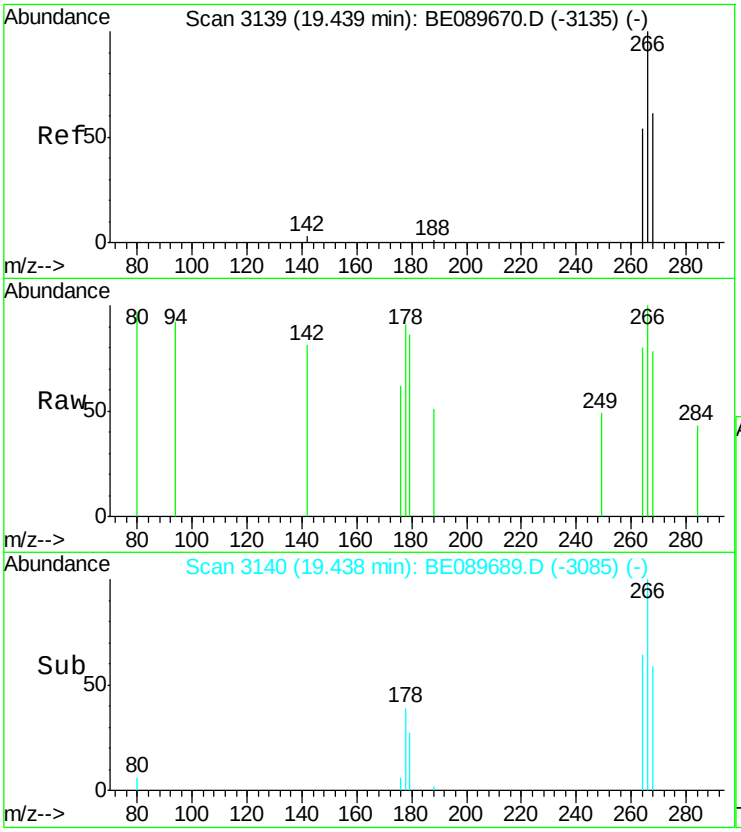


#14
Hexachlorobenzene
Concen: 0.06 ng
RT: 18.99 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:284 Resp: 217

Ion	Ratio	Lower	Upper
284	100		
142	59.9	55.4	83.2
249	31.3	27.2	40.8



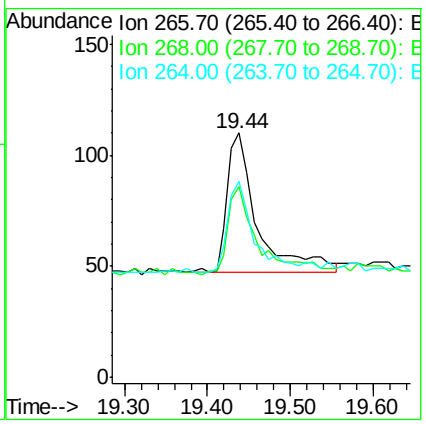


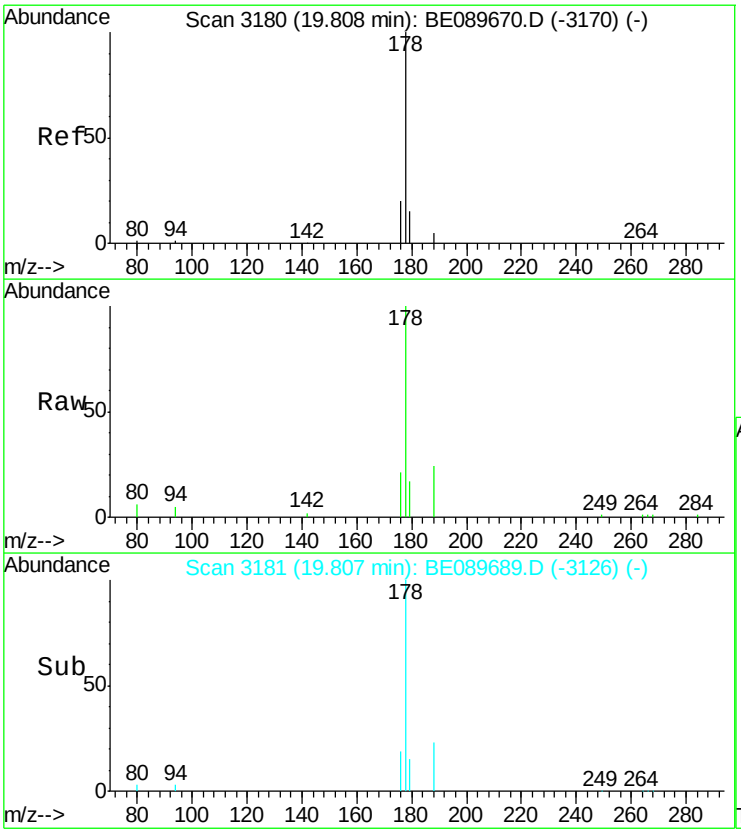
#15
Pentachlorophenol
Concen: 0.58 ng
RT: 19.44 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:266 Resp: 161

Ion	Ratio	Lower	Upper
266	100		
268	78.2	56.3	84.5
264	80.0	51.8	77.8#

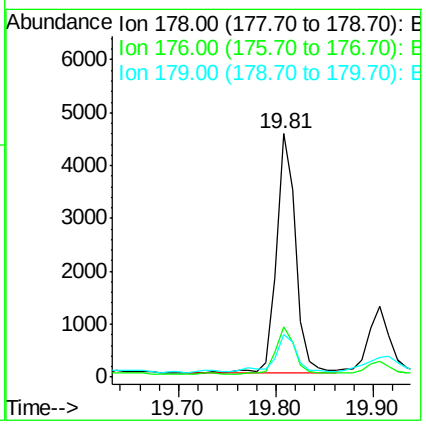


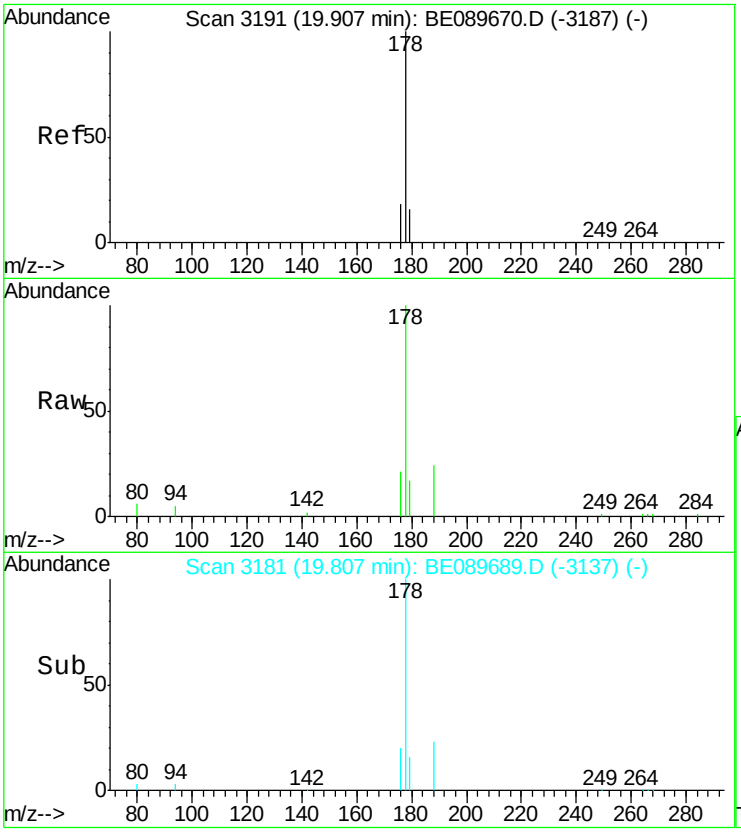


#16
Phenanthrene
Concen: 0.20 ng
RT: 19.81 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:178 Resp: 6284

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	17.0	12.5	18.7



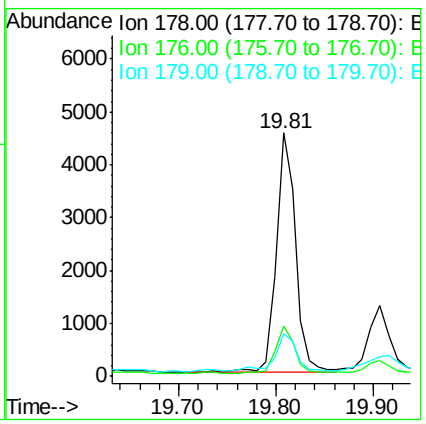


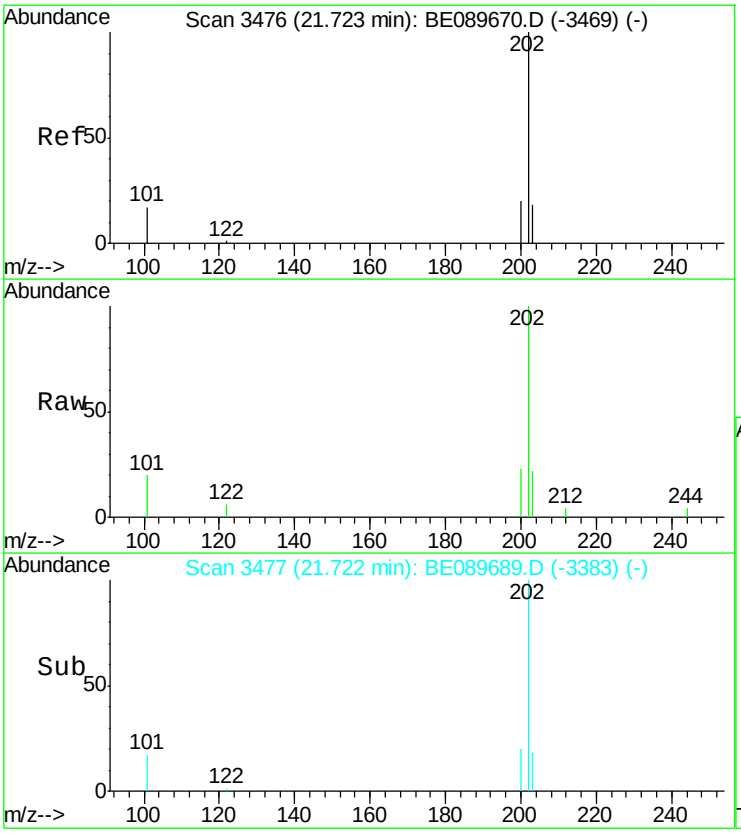
#17
Anthracene
Concen: 0.23 ng
RT: 19.81 min Scan# 3181
Delta R.T. -0.10 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:178 Resp: 6284

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	17.0	12.2	18.2

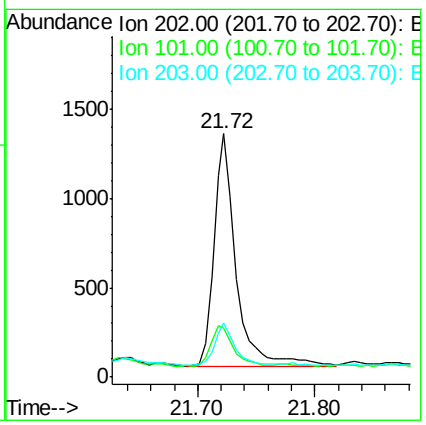


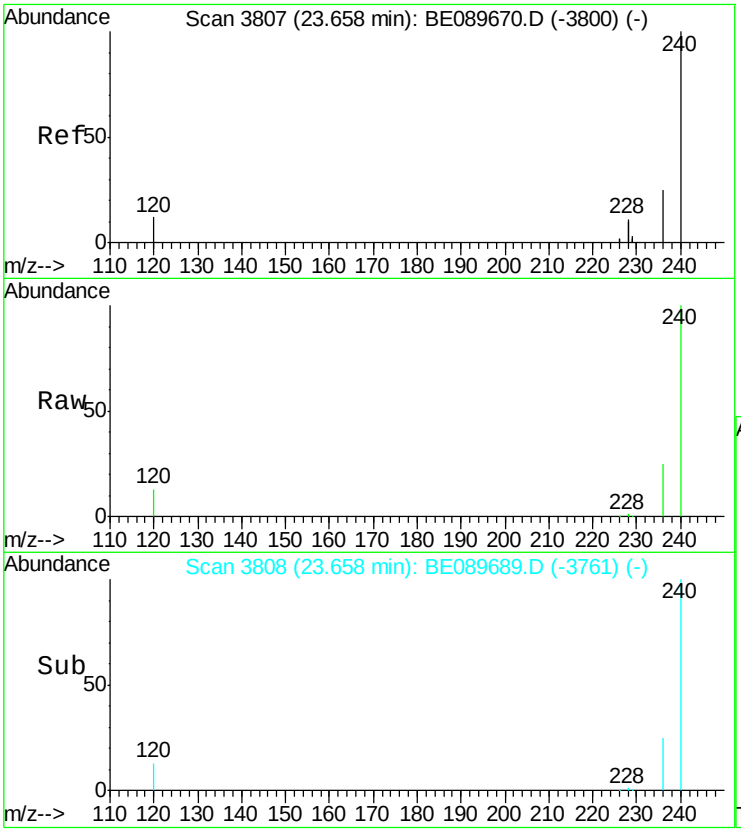


#18
Fluoranthene
Concen: 0.06 ng
RT: 21.72 min Scan# 3477
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:202 Resp: 1705

Ion	Ratio	Lower	Upper
202	100		
101	17.9	14.9	22.3
203	16.7	13.8	20.6



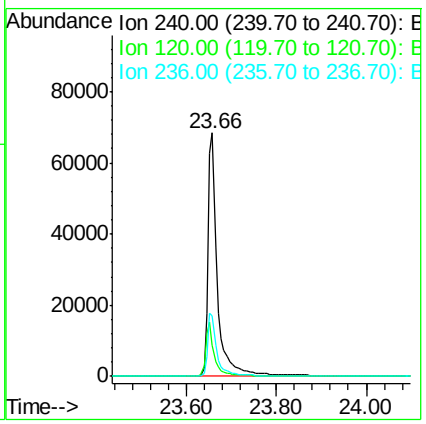


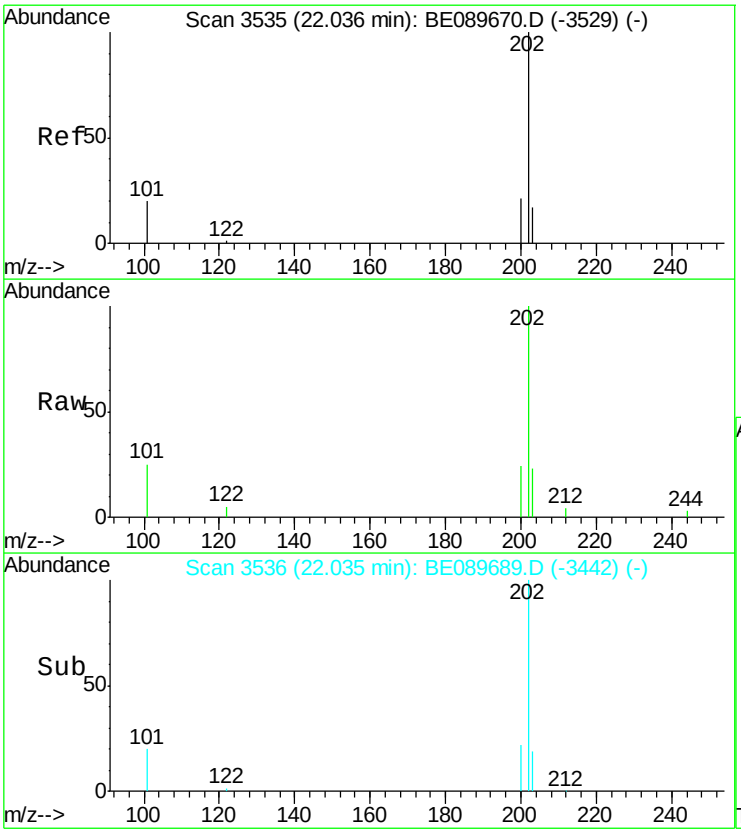
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3808
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:240 Resp: 99181

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.4	14.0
236	25.0	19.9	29.9

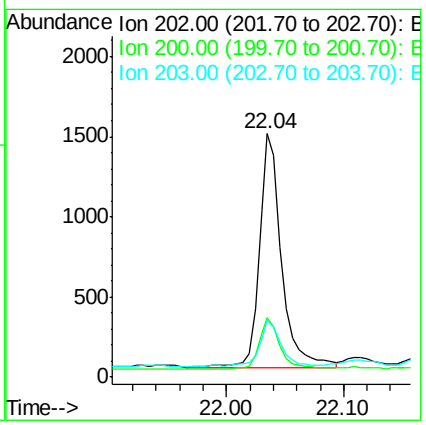


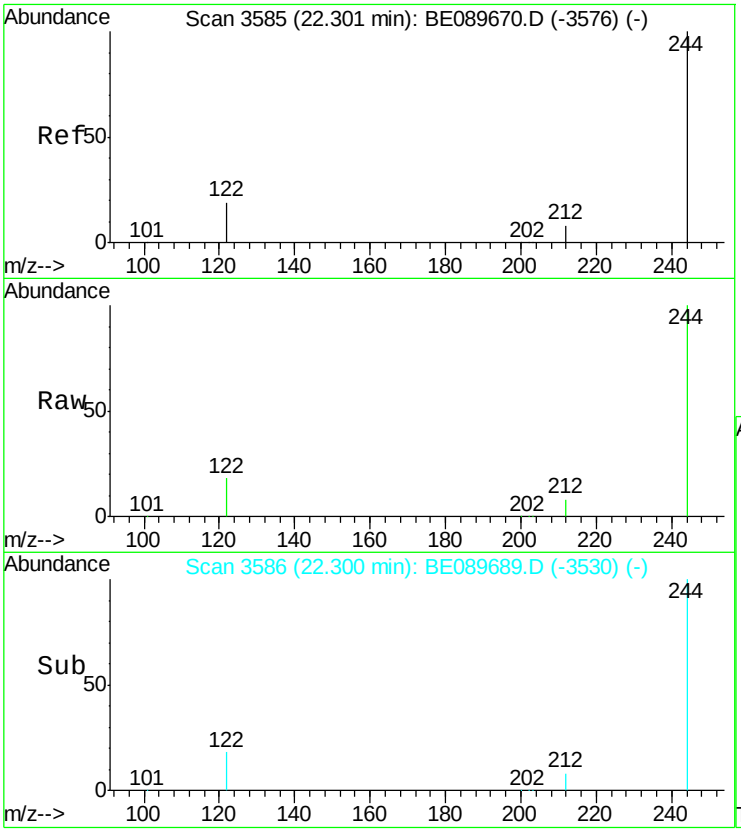


#20
Pyrene
Concen: 0.08 ng
RT: 22.04 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:202 Resp: 1909

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.4	24.6
203	20.6	13.9	20.9



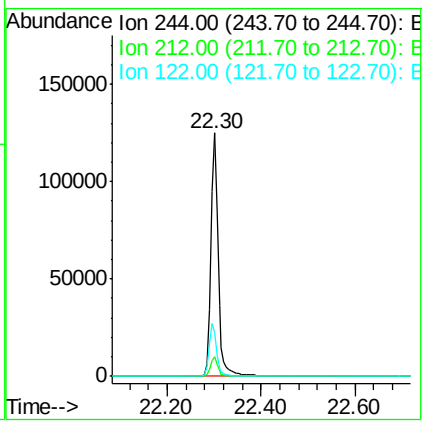


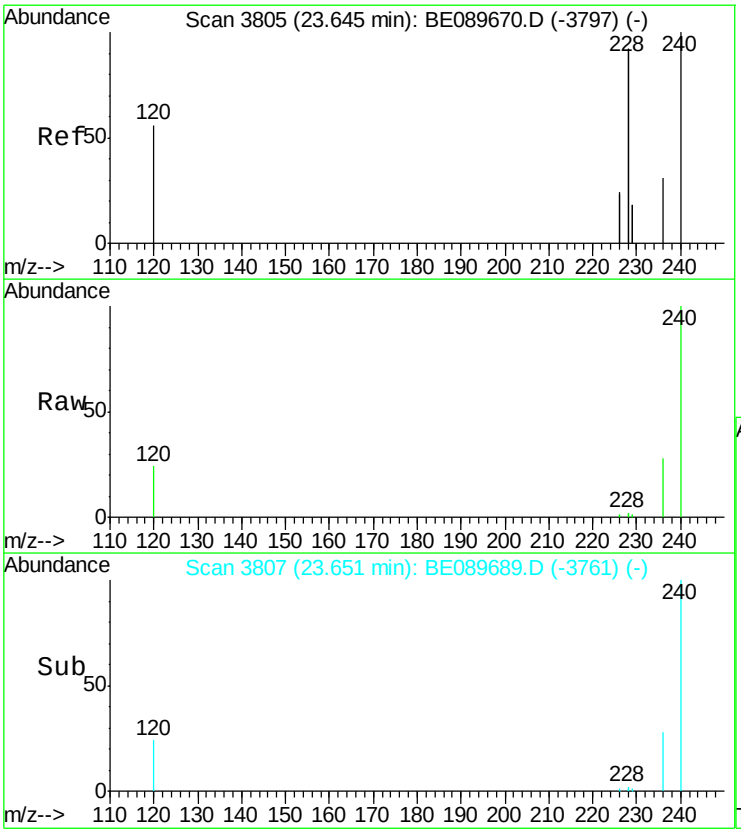
#21
Terphenyl-d14
Concen: 11.76 ng
RT: 22.30 min Scan# 3586
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:244 Resp: 136767

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	18.0	15.4	23.0

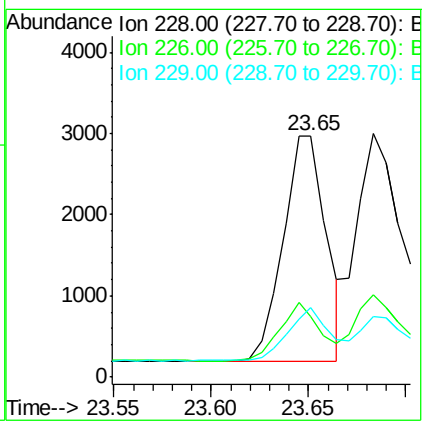


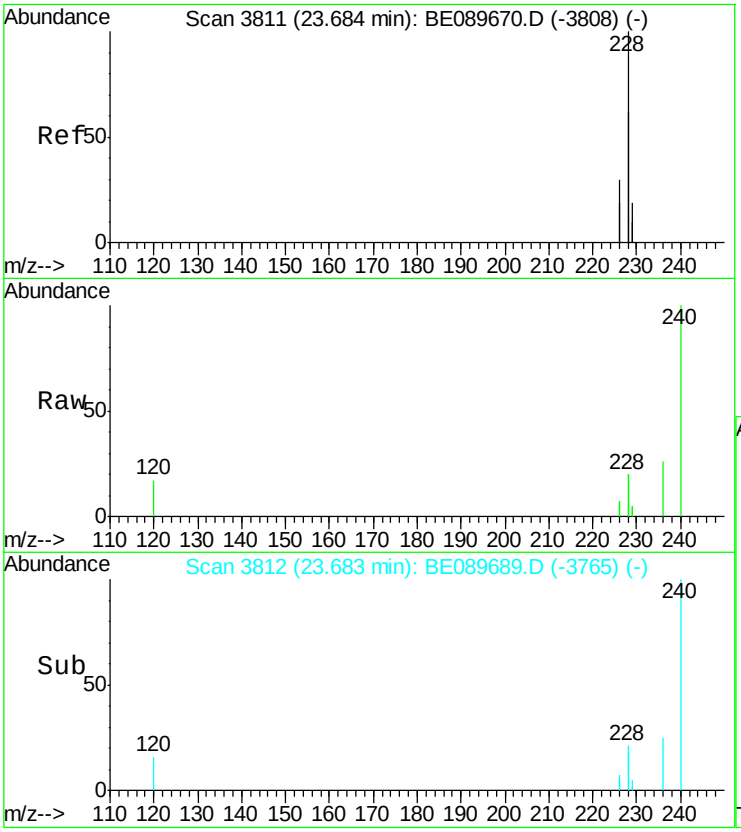


#22
Benzo(a)anthracene
Concen: 0.07 ng
RT: 23.65 min Scan# 3807
Delta R.T. 0.01 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:228 Resp: 4276

Ion	Ratio	Lower	Upper
228	100		
226	25.0	20.6	31.0
229	28.7	15.8	23.6#



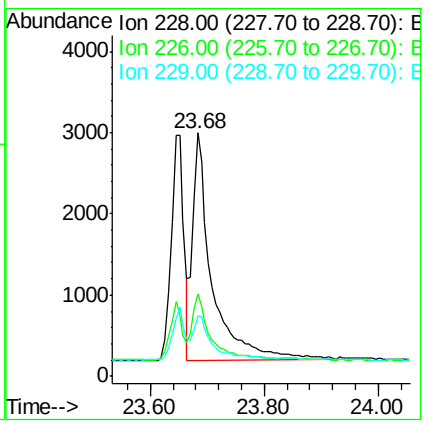


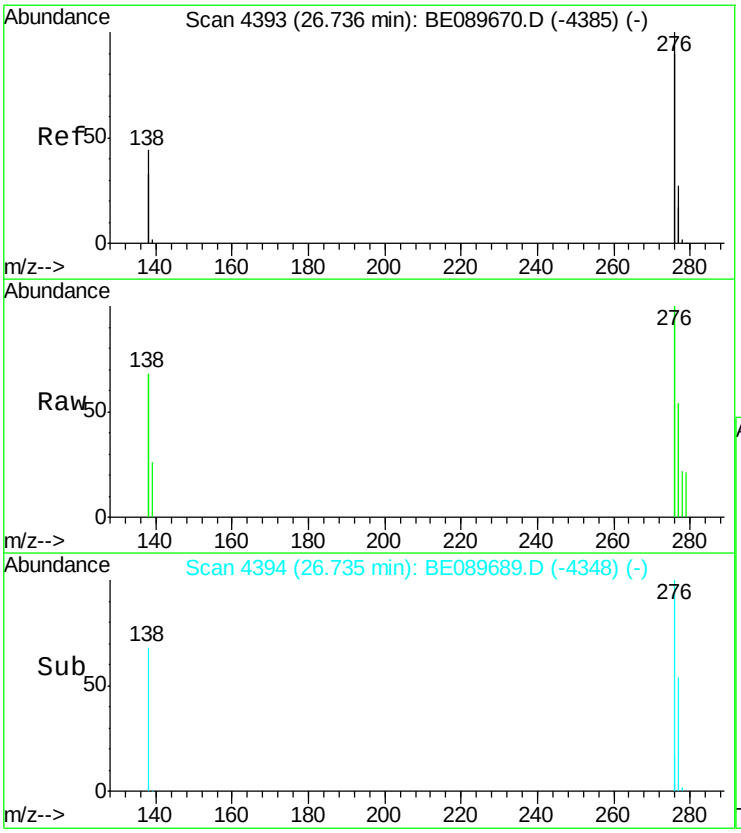
#23
Chrysene
Concen: 0.07 ng
RT: 23.68 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:228 Resp: 6578

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.6	35.4
229	24.9	15.3	22.9#

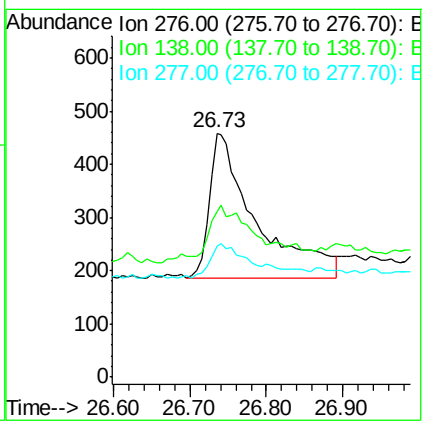


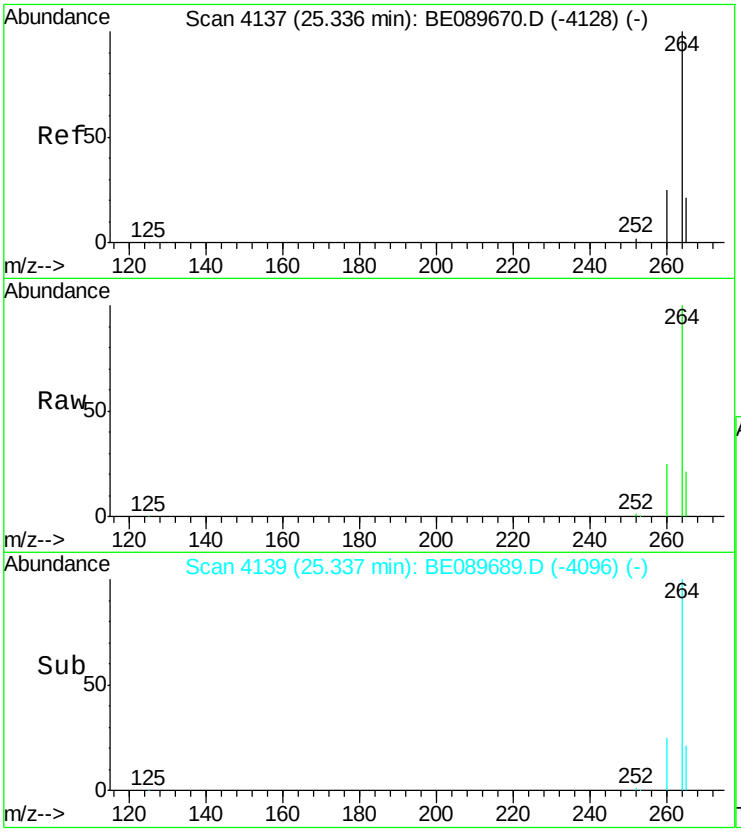


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng
RT: 26.73 min Scan# 4394
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:276 Resp: 1156

Ion	Ratio	Lower	Upper
276	100		
138	27.9	0.0	0.0#
277	17.7	5.2	7.8#



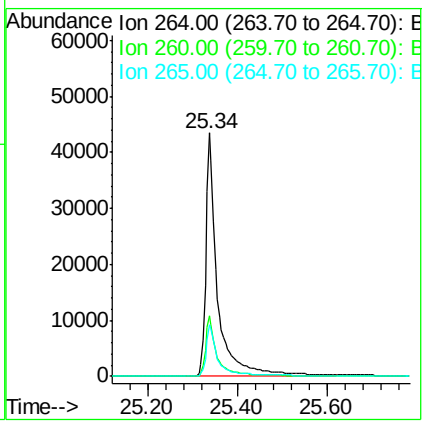


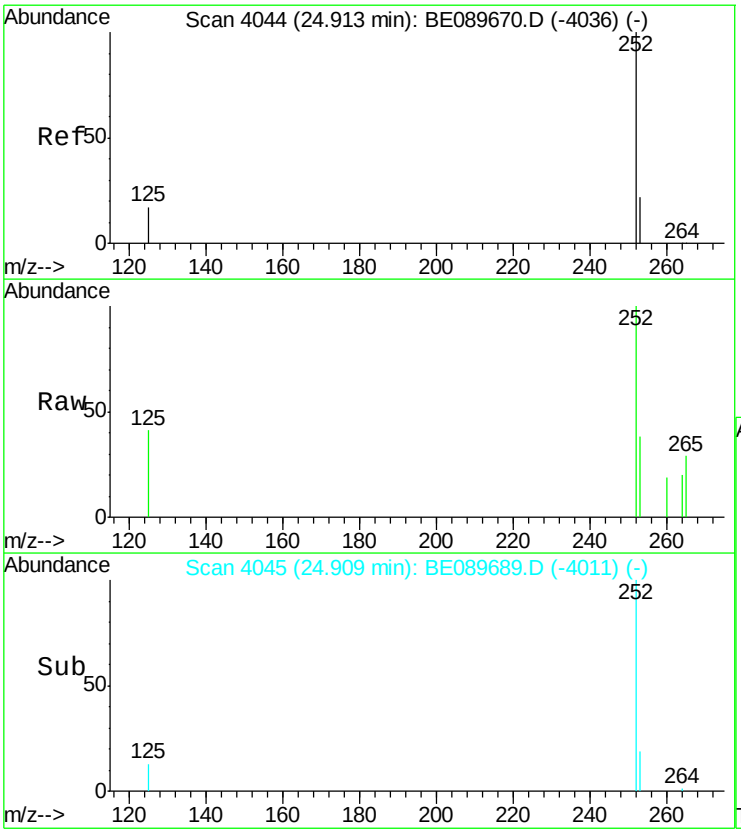
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4139
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:264 Resp: 78935

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	21.2	17.0	25.4

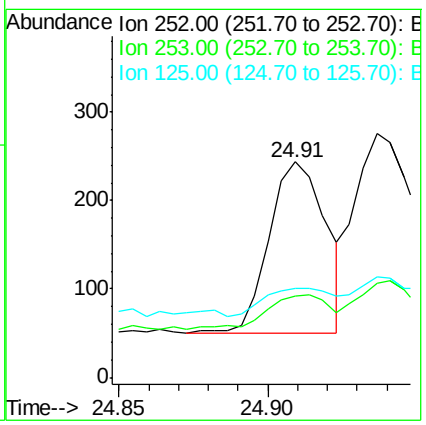


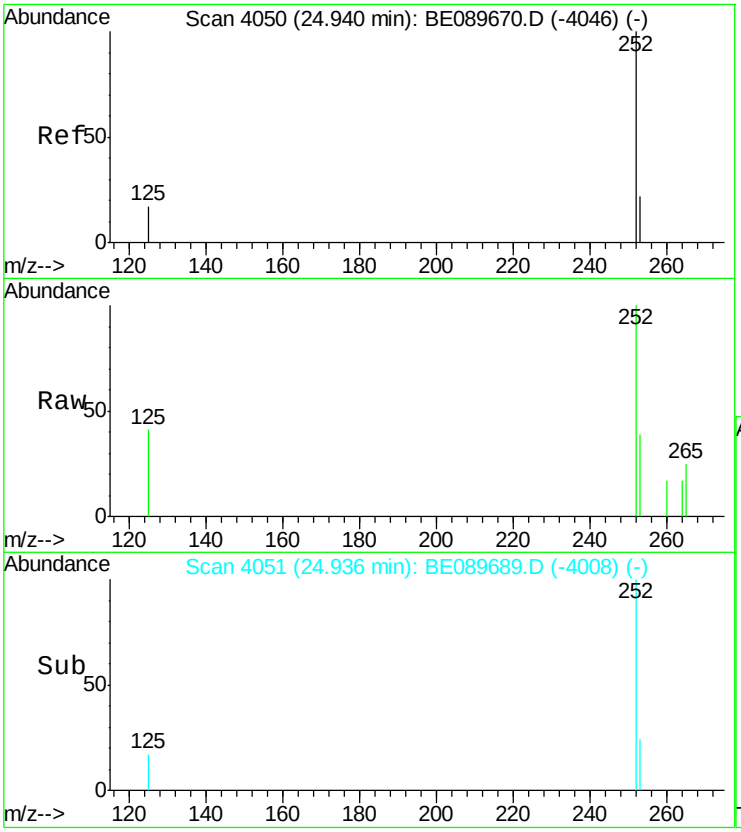


#26
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 24.91 min Scan# 4045
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:252 Resp: 258

Ion	Ratio	Lower	Upper
252	100		
253	37.7	18.6	27.8#
125	41.0	15.0	22.6#



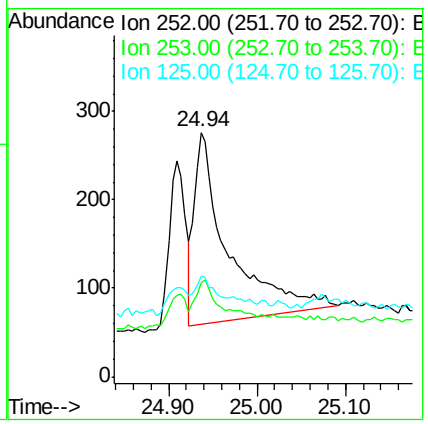


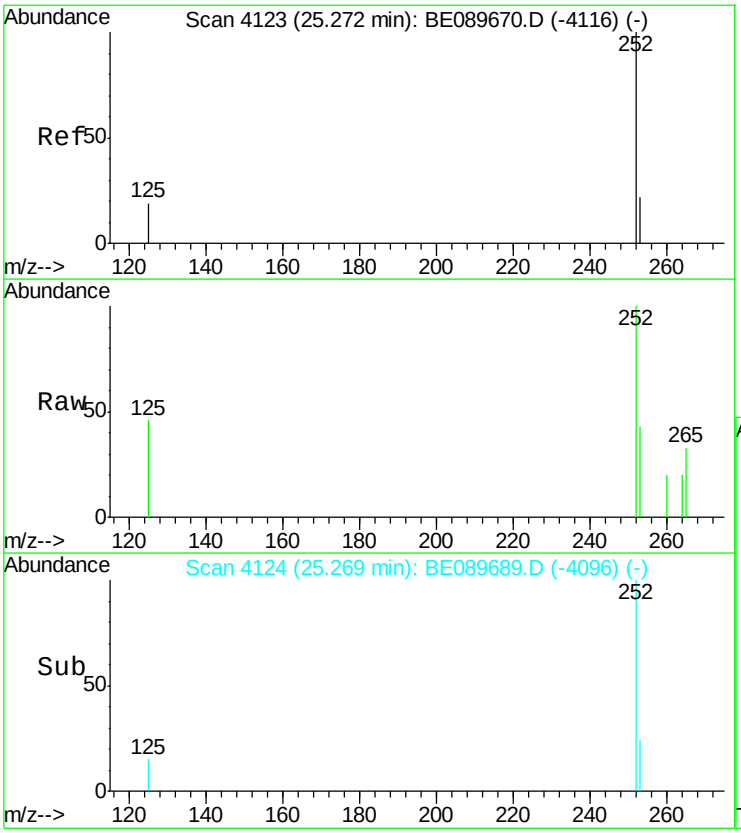
#27
Benzo(k)fluoranthene
Concen: 0.18 ng
RT: 24.94 min Scan# 4051
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:252 Resp: 581

Ion	Ratio	Lower	Upper
252	100		
253	38.8	18.0	27.0#
125	40.9	14.3	21.5#

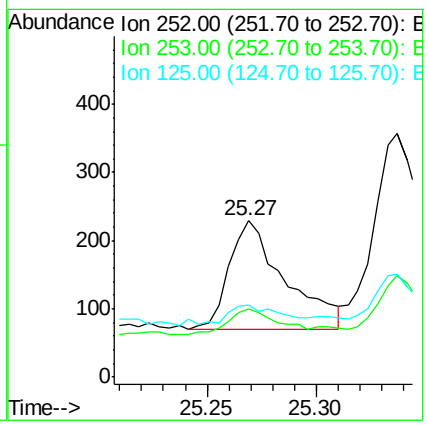


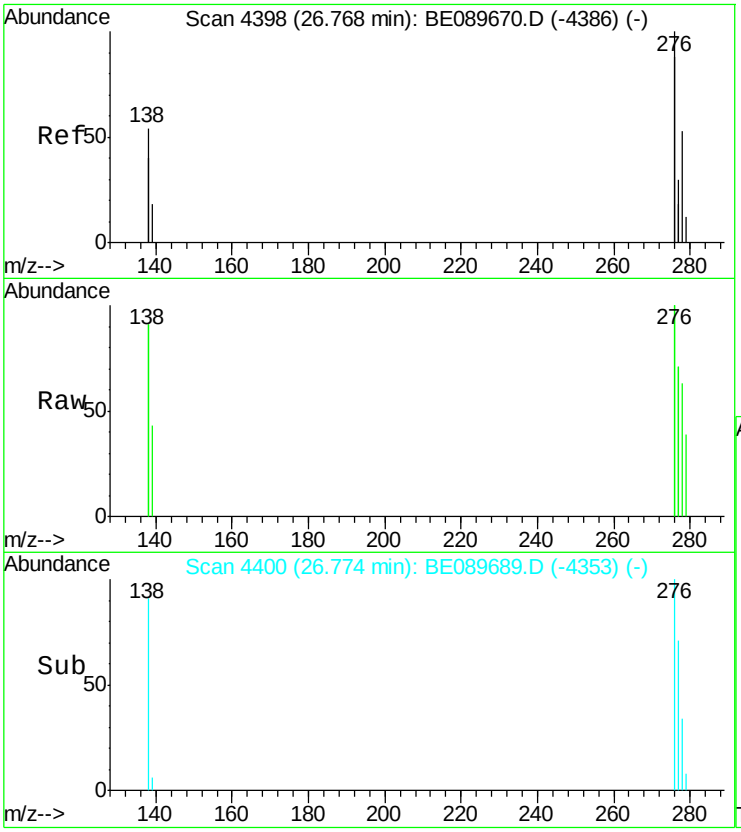


#28
Benzo(a)pyrene
Concen: 0.07 ng
RT: 25.27 min Scan# 4124
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:252 Resp: 283

Ion	Ratio	Lower	Upper
252	100		
253	43.2	18.8	28.2#
125	45.9	16.6	24.8#



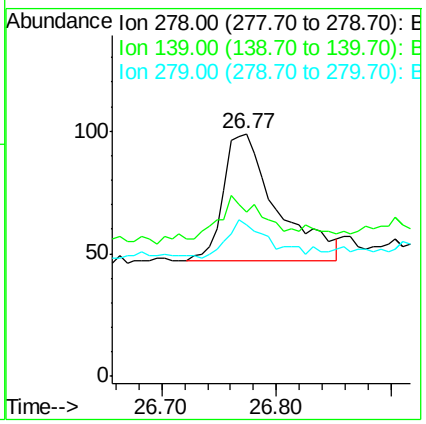


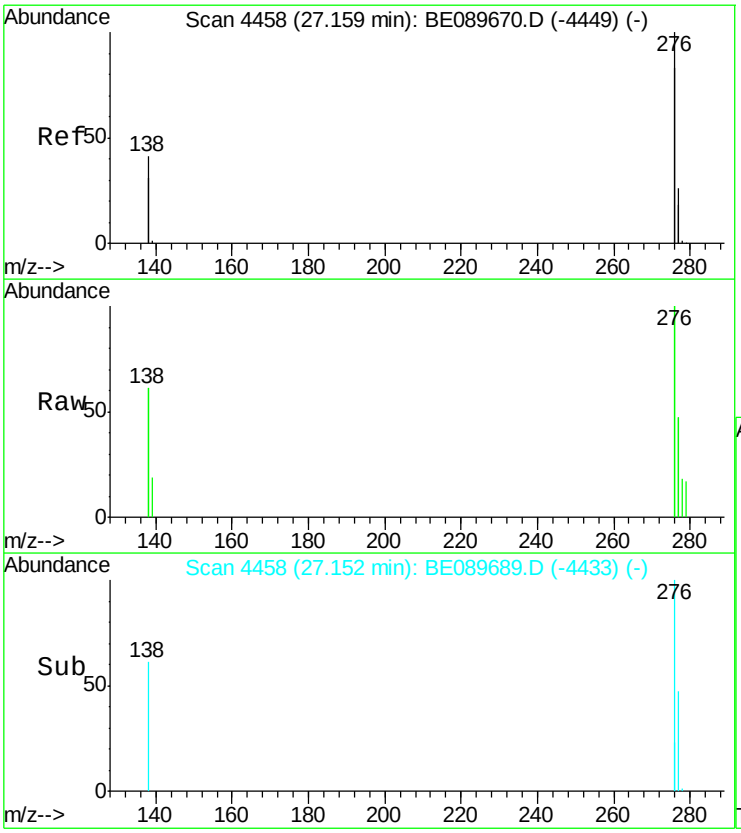
#29
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 26.77 min Scan# 4400
Delta R.T. 0.01 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:278 Resp: 168

Ion	Ratio	Lower	Upper
278	100		
139	67.7	30.4	45.6#
279	62.6	22.0	33.0#





#30
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.15 min Scan# 4458
Delta R.T. -0.01 min
Lab File: BE089689.D
Acq: 25 Feb 2015 4:38

Tgt Ion:276 Resp: 1298

Ion	Ratio	Lower	Upper
276	100		
277	47.0	21.0	31.6#
138	61.4	33.0	49.4#