Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022515\
Data File : BE089689.D
Acq On : 25 Feb 2015 20:50
Operator : TP/JJ
Sample : G1353-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FB

Quant Time: Feb 26 06:08:27 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 00:03:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	44546	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	211438	5.00	ng		0.00
8) Acenaphthene-d10	16.41	164	98161	5.00	ng		0.00
13) Phenanthrene-d10	19.76	188	165907	5.00	ng		0.00
19) Chrysene-d12	23.65	240	116907	5.00	ng		0.00
25) Perylene-d12	25.34	264	99273	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.60	82	87298	6.99	ng		0.00
9) 2-Fluorobiphenyl	14.87	172	185058	8.48	ng		0.00
21) Terphenyl-d14	22.30	244	155515	11.34	ng		0.00
Target Compounds							Qvalue
6) Naphthalene	12.28	128	3167	0.08	ng	#	92
7) 2-Methylnaphthalene	13.94	142	5017	0.22	ng		95
10) Acenaphthylene	16.06	152	11615	0.08	ng	#	83
11) Acenaphthene	16.49	154	2187	0.10	ng	#	60
12) Fluorene	17.74	166	3684	0.15	ng	#	88
14) Hexachlorobenzene	18.99	284	358	0.08	ng	#	76
15) Pentachlorophenol	19.43	266	418	1.07	ng		96
16) Phenanthrene	19.81	178	9352	0.26	ng		99
17) Anthracene	19.90	178	3006m	0.10	ng		
18) Fluoranthene	21.72	202	2902	0.10	ng		100
20) Pyrene	22.04	202	3261m	0.12	ng		
22) Benzo(a)anthracene	23.64	228	8366	0.11	ng		96
23) Chrysene	23.68	228	10572	0.10	ng		95
26) Benzo(b)fluoranthene	24.91	252	660	0.14	ng	#	79
27) Benzo(k)fluoranthene	24.94	252	1402m	0.13	ng		
28) Benzo(a)pyrene	25.27	252	706	0.12	ng	#	75
29) Dibenzo(a,h)anthracene	26.77	278	516	0.18	ng	#	71
30) Benzo(g,h,i)perylene	27.15	276	3687	0.17	ng	#	84

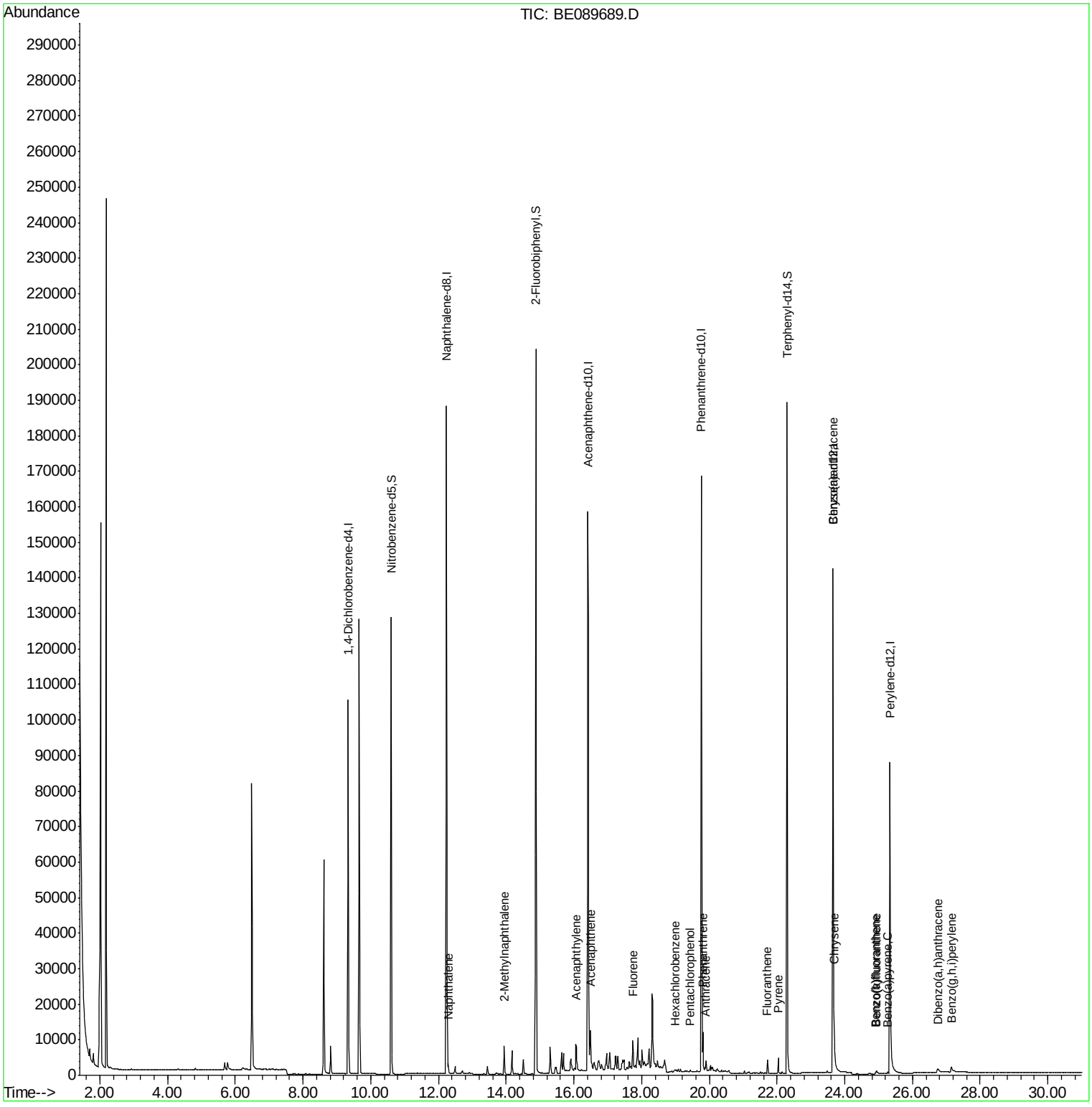
(#) = qualifier out of range (m) = manual integration (+) = signals summed

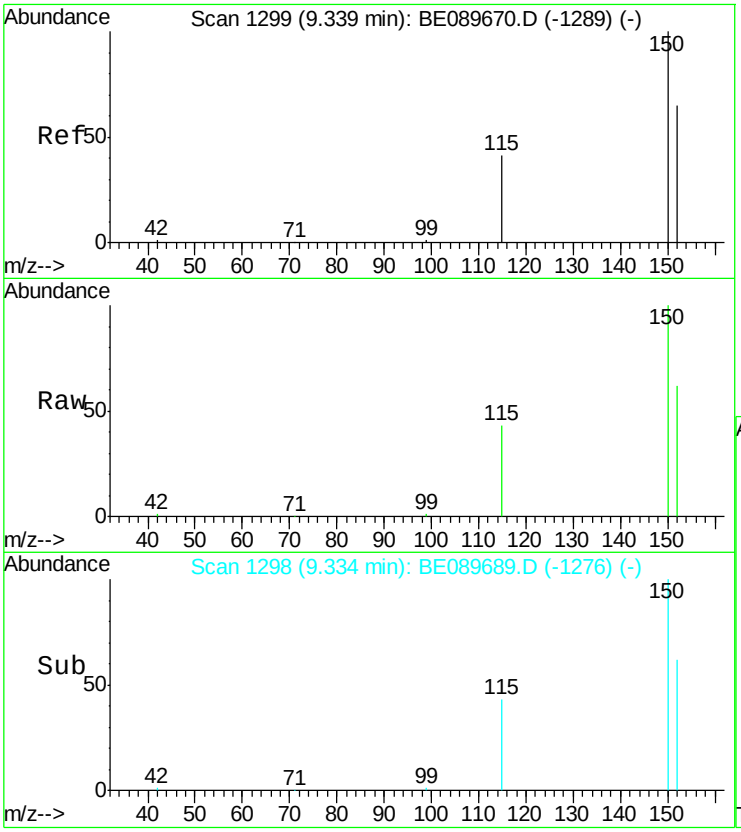
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022515\
Data File : BE089689.D
Acq On : 25 Feb 2015 20:50
Operator : TP/JJ
Sample : G1353-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FB

Quant Time: Feb 26 06:08:27 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 00:03:50 2015
Response via : Initial Calibration



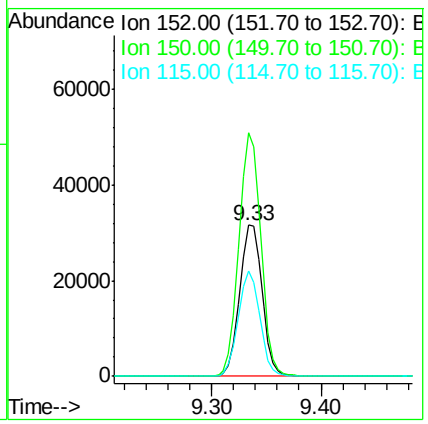


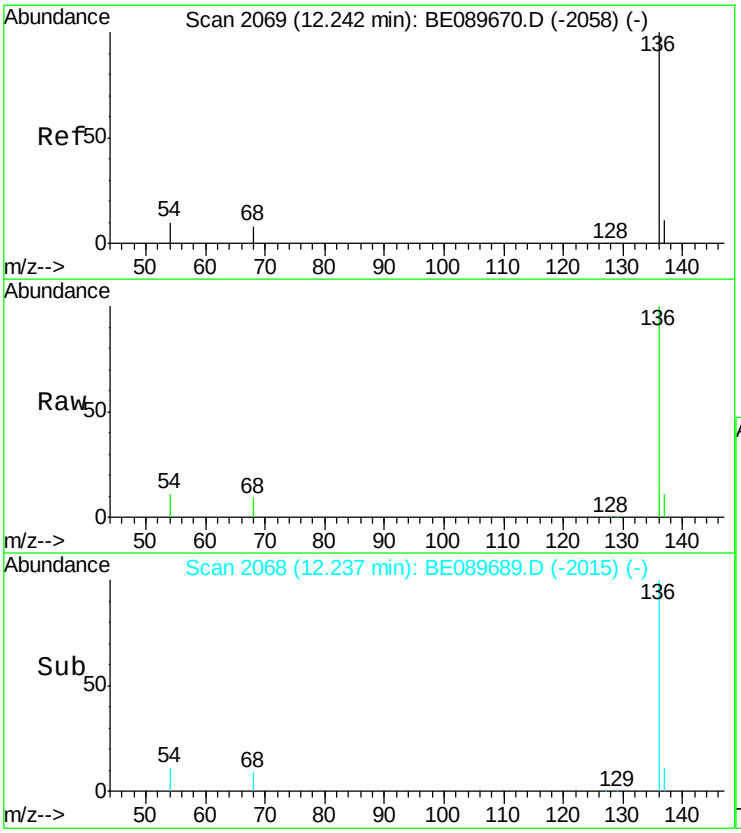
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.33 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:152 Resp: 44546

Ion	Ratio	Lower	Upper
152	100		
150	161.3	123.4	185.0
115	69.8	50.8	76.2

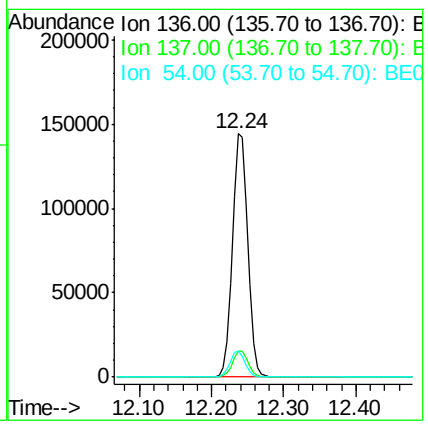


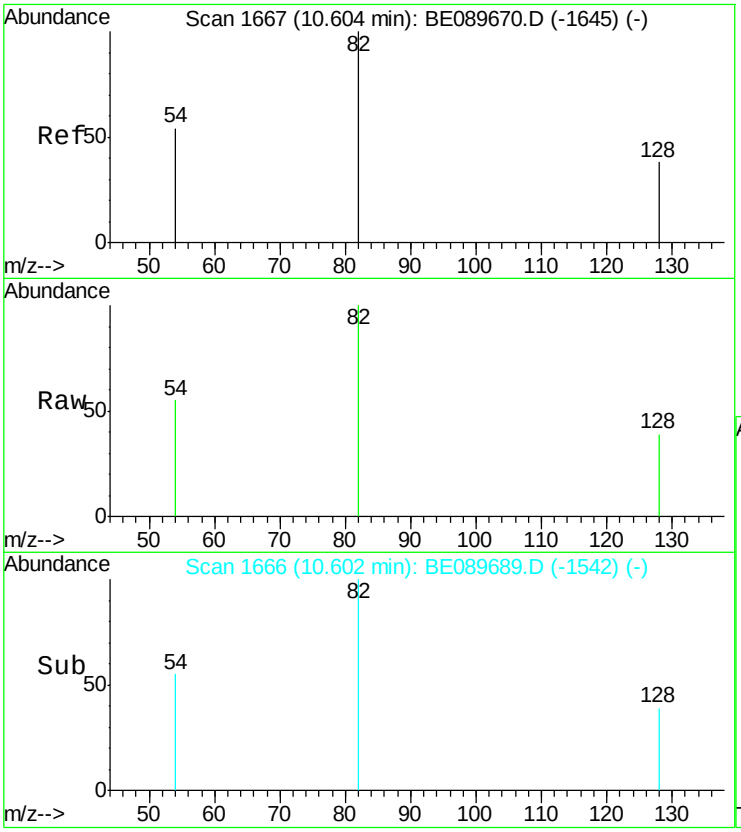


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:136 Resp: 211438

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.8	7.8	11.8



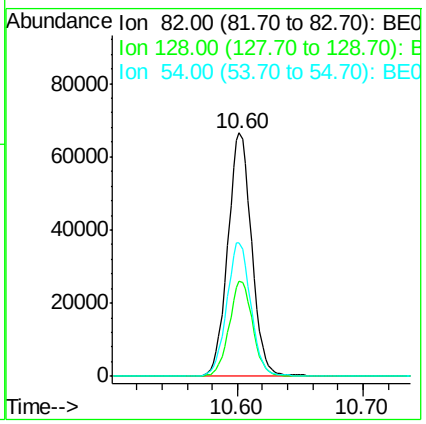


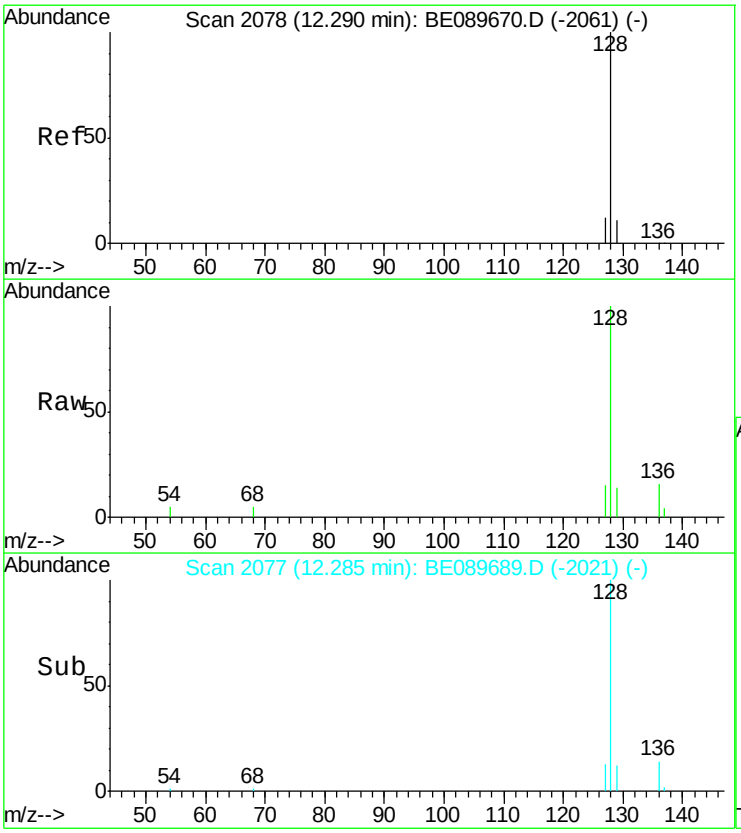
#5
Nitrobenzene-d5
Concen: 6.99 ng
RT: 10.60 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion: 82 Resp: 87298

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.6	46.0
54	54.8	43.6	65.4

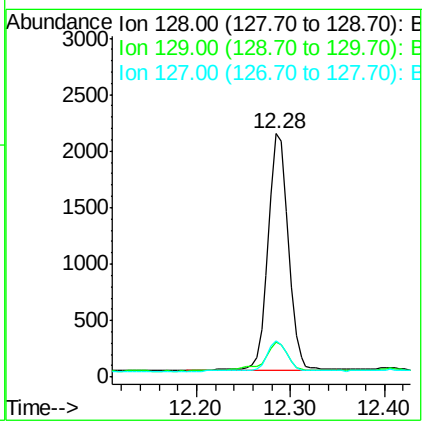


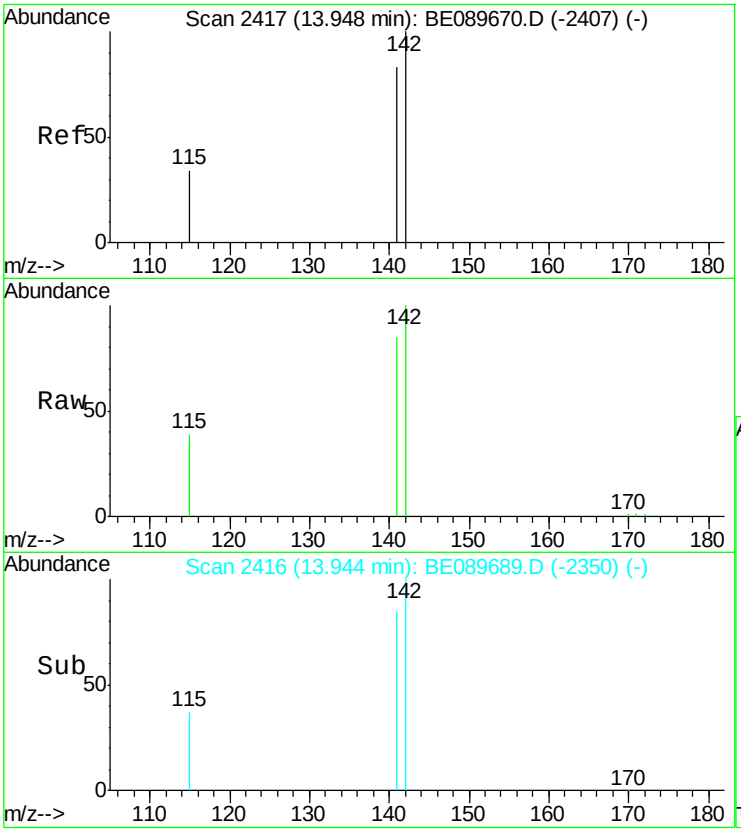


#6
Naphthalene
Concen: 0.08 ng
RT: 12.28 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:128 Resp: 3167

Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.9	13.3#
127	14.8	9.7	14.5#



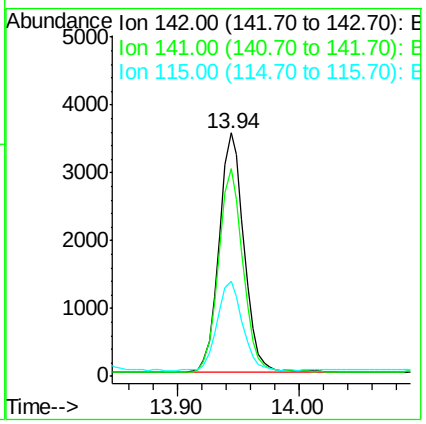


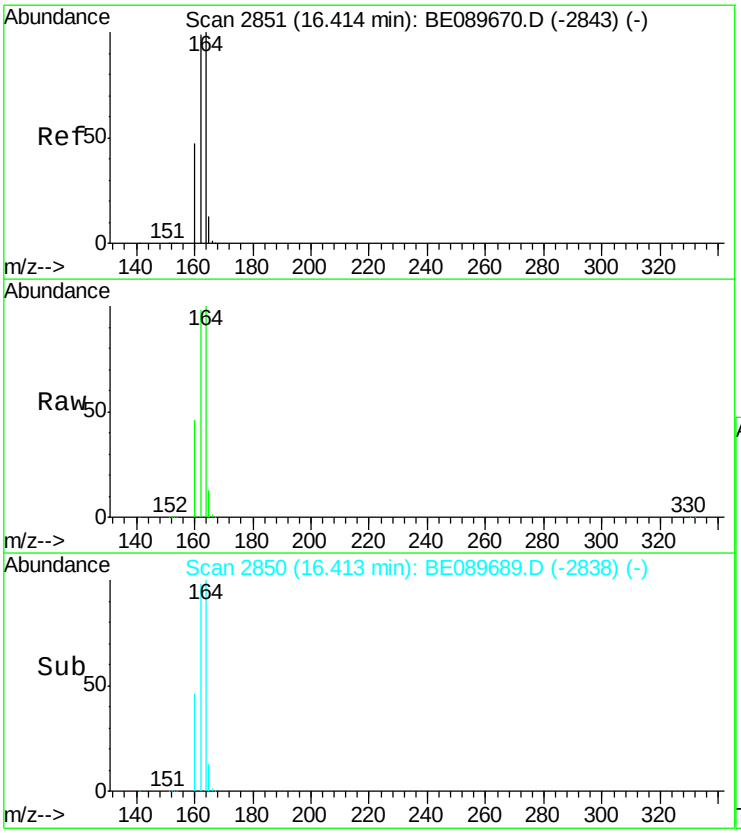
#7
2-Methylnaphthalene
Concen: 0.22 ng
RT: 13.94 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:142 Resp: 5017

Ion	Ratio	Lower	Upper
142	100		
141	85.4	66.0	99.0
115	39.3	27.4	41.0

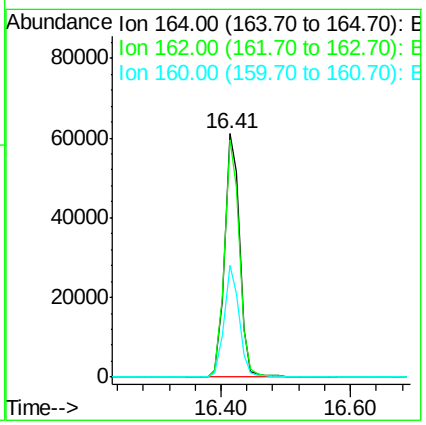


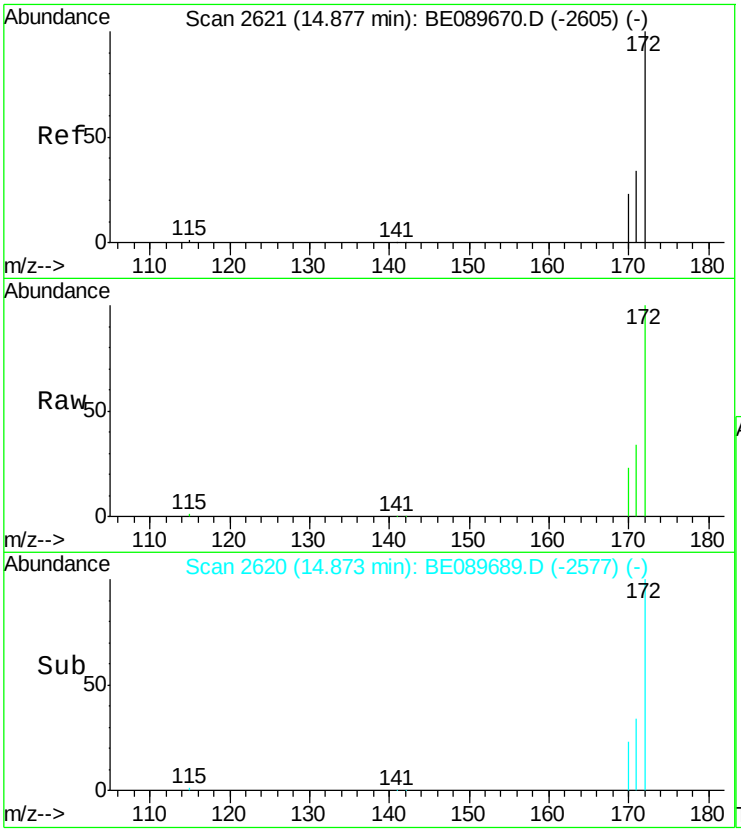


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.41 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:164 Resp: 98161

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.4	119.2
160	46.1	37.6	56.4



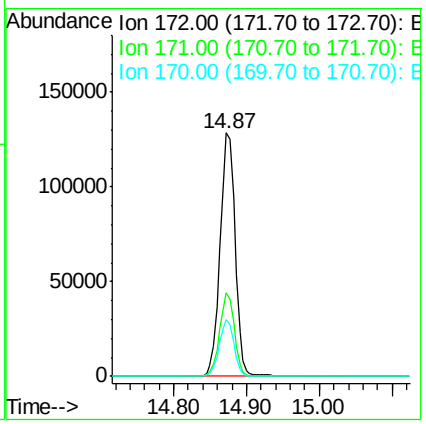


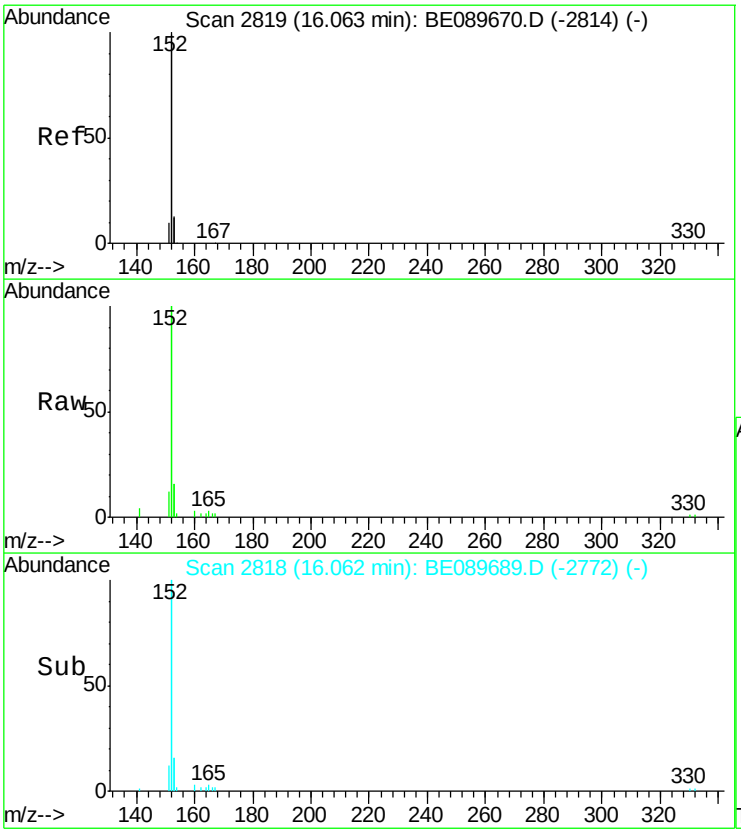
#9
2-Fluorobiphenyl
Concen: 8.48 ng
RT: 14.87 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:172 Resp: 185058

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	23.4	18.5	27.7

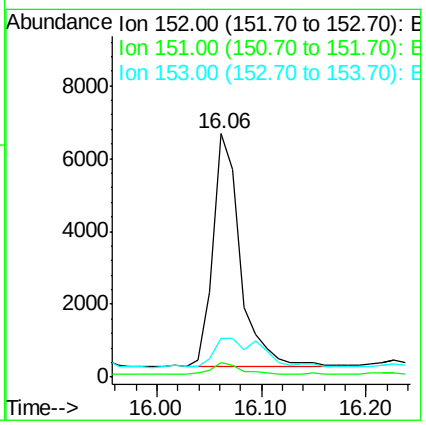


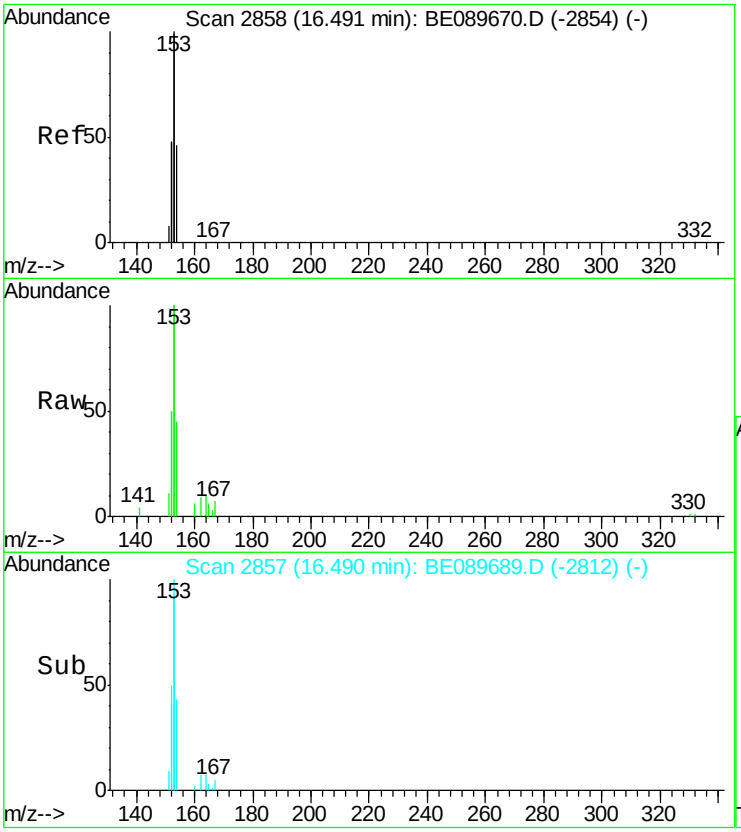


#10
Acenaphthylene
Concen: 0.08 ng
RT: 16.06 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:152 Resp: 11615

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.6
153	22.1	10.4	15.6#



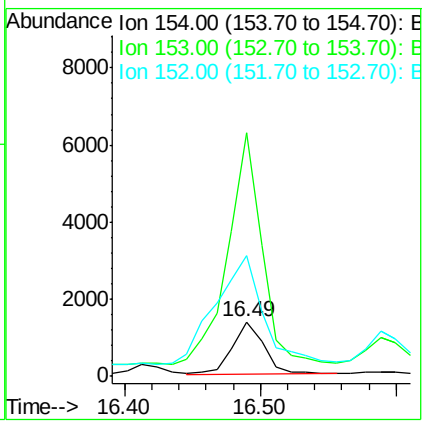


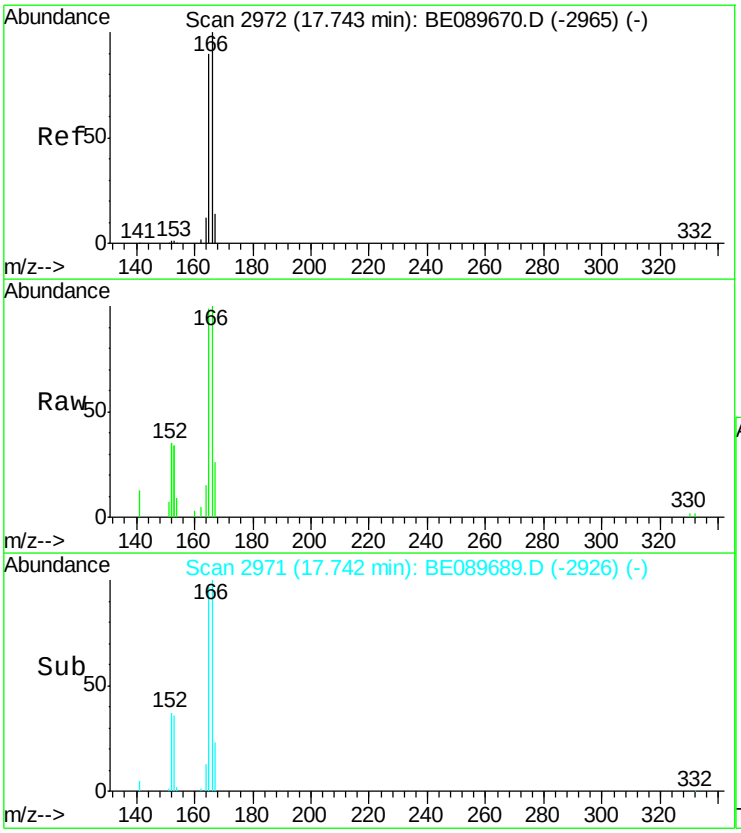
#11
Acenaphthene
Concen: 0.10 ng
RT: 16.49 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:154 Resp: 2187

Ion	Ratio	Lower	Upper
154	100		
153	495.9	345.8	518.8
152	320.3	168.6	252.8#

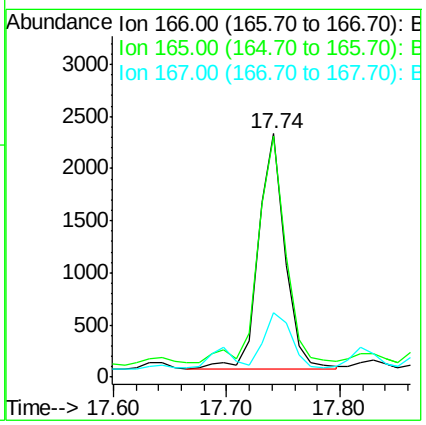


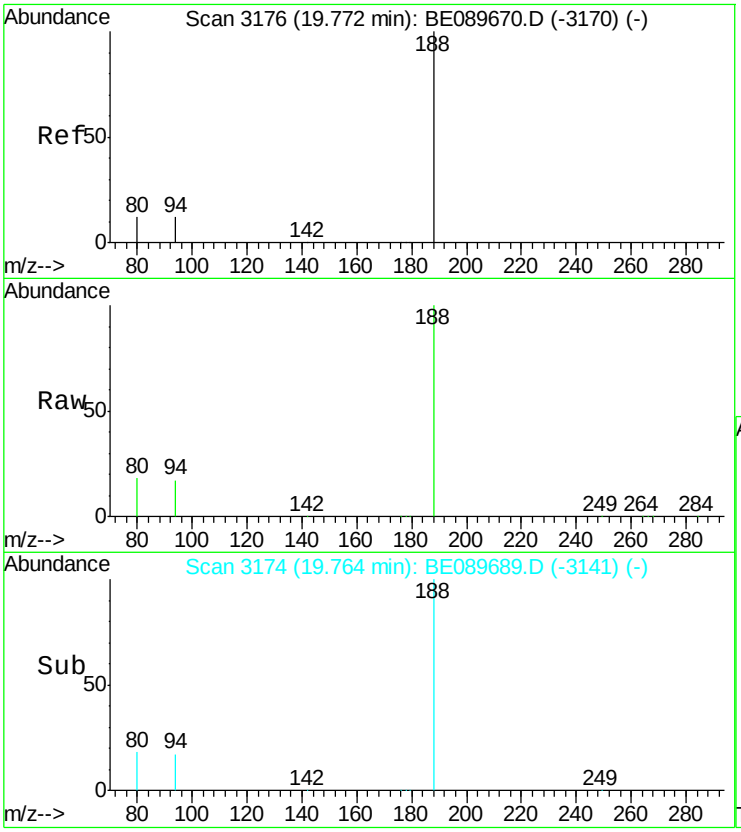


#12
Fluorene
Concen: 0.15 ng
RT: 17.74 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:166 Resp: 3684

Ion	Ratio	Lower	Upper
166	100		
165	101.9	73.6	110.4
167	23.7	10.6	16.0#



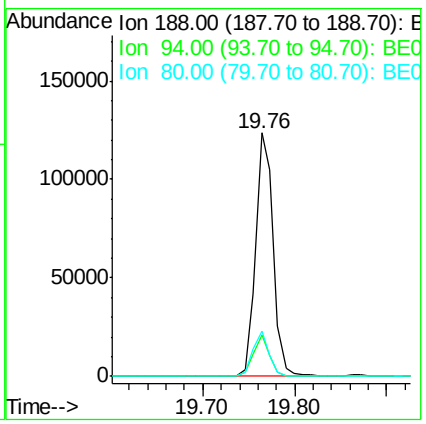


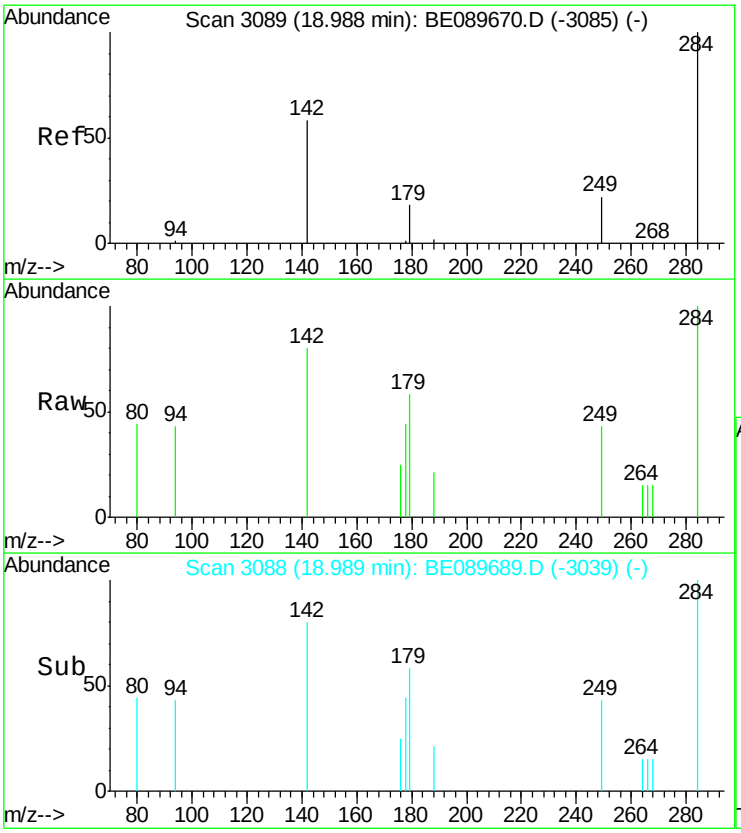
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:188 Resp: 165907

Ion	Ratio	Lower	Upper
188	100		
94	17.2	9.4	14.2#
80	18.4	9.5	14.3#

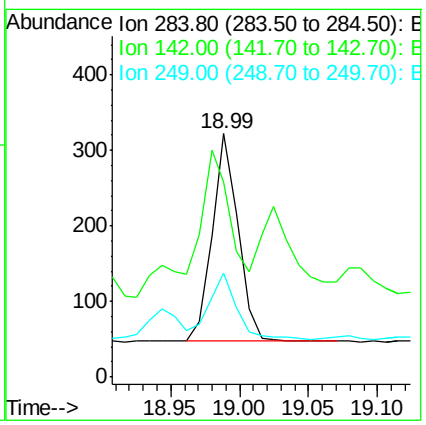


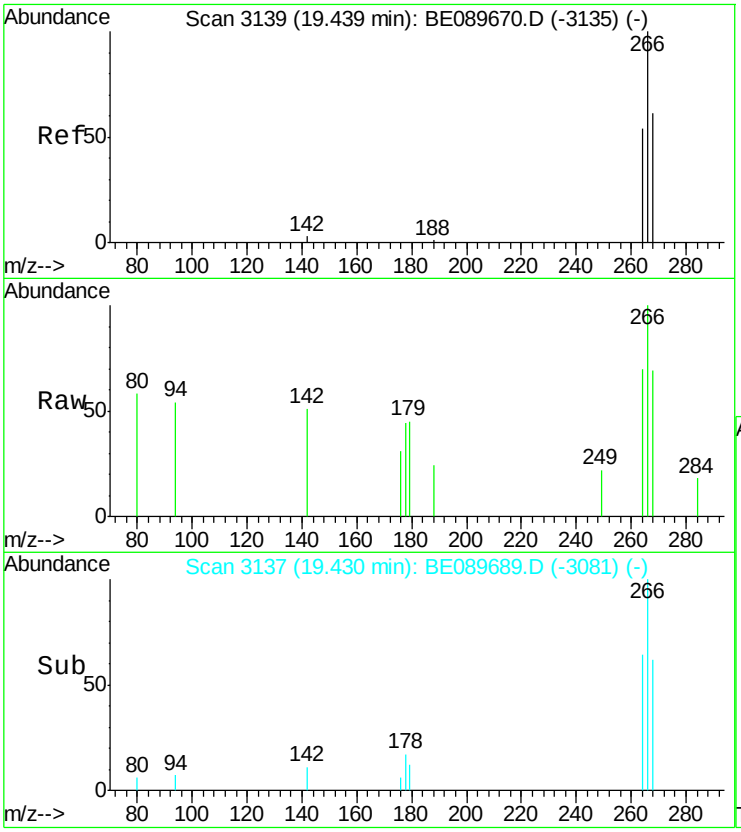


#14
Hexachlorobenzene
Concen: 0.08 ng
RT: 18.99 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:284 Resp: 358

Ion	Ratio	Lower	Upper
284	100		
142	98.9	55.4	83.2#
249	34.1	27.2	40.8



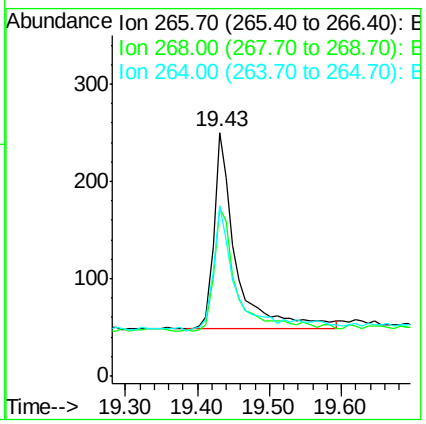


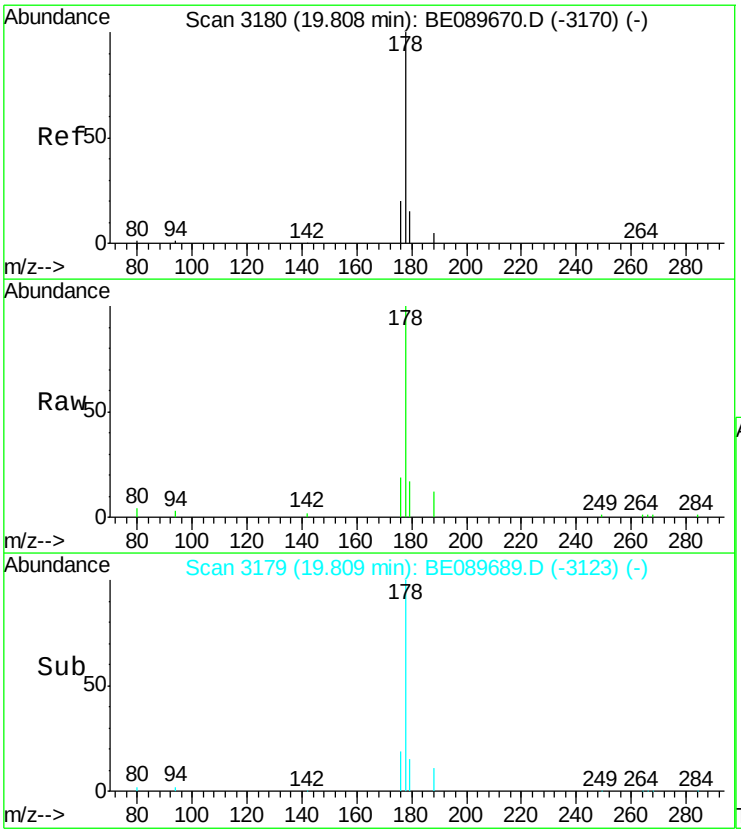
#15
Pentachlorophenol
Concen: 1.07 ng
RT: 19.43 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:266 Resp: 418

Ion	Ratio	Lower	Upper
266	100		
268	68.8	56.3	84.5
264	70.0	51.8	77.8

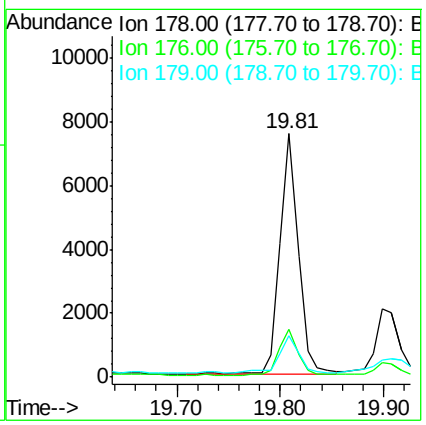


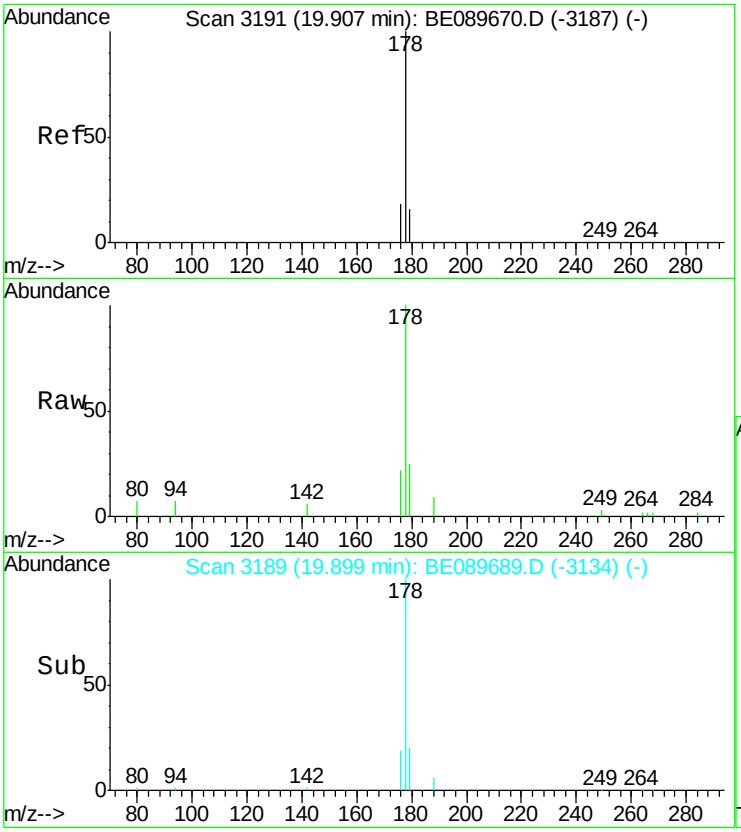


#16
Phenanthrene
Concen: 0.26 ng
RT: 19.81 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:178 Resp: 9352

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.8	12.5	18.7



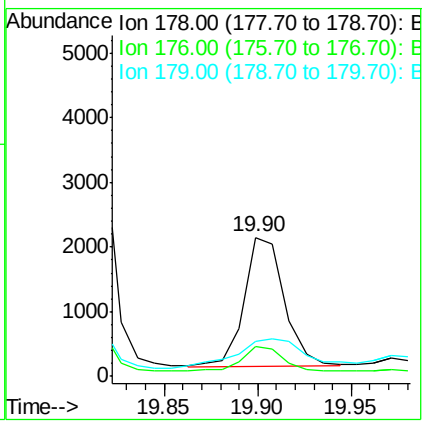


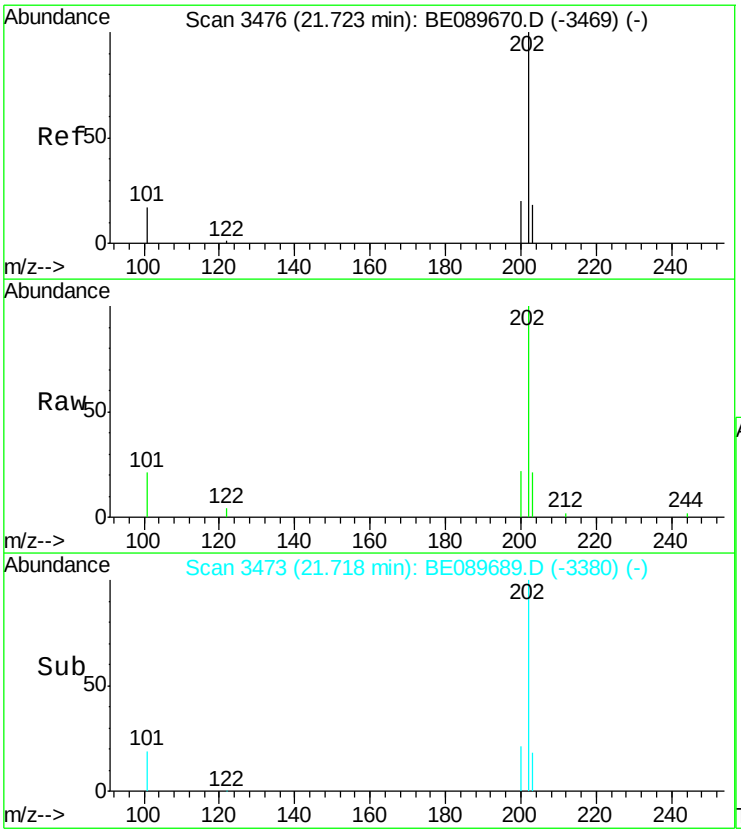
#17
Anthracene
Concen: 0.10 ng m
RT: 19.90 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:178 Resp: 3006

Ion	Ratio	Lower	Upper
178	100		
176	58.8	14.8	22.2#
179	52.2	12.2	18.2#

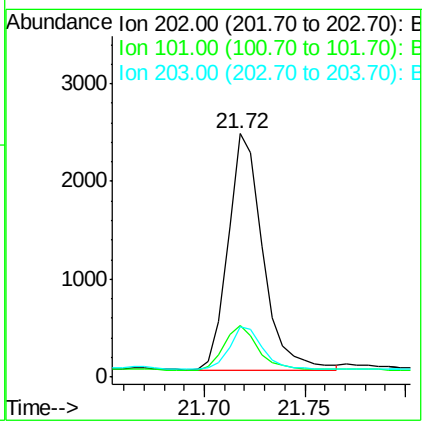


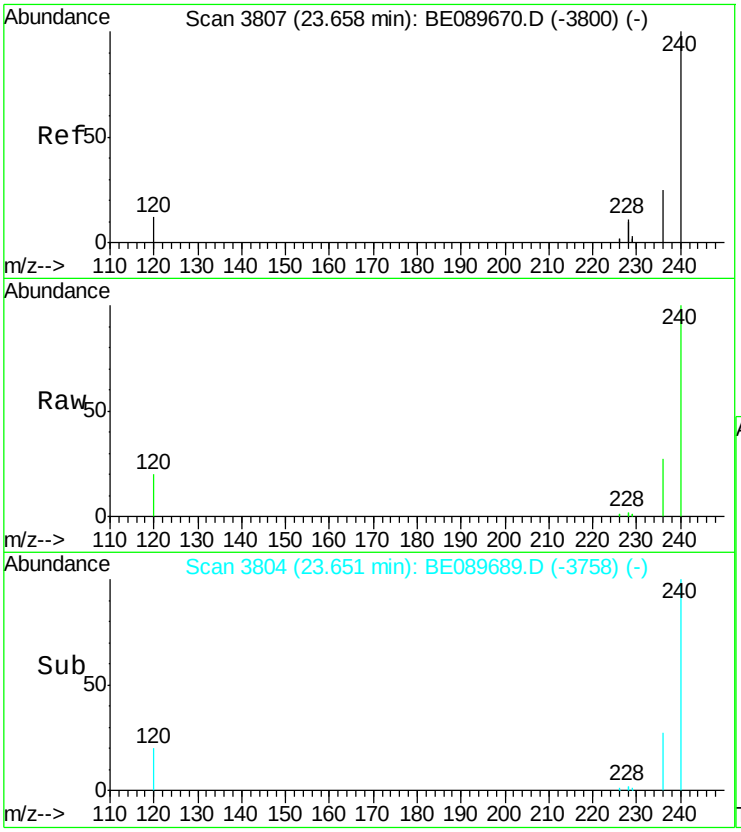


#18
Fluoranthene
Concen: 0.10 ng
RT: 21.72 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:202 Resp: 2902

Ion	Ratio	Lower	Upper
202	100		
101	18.7	14.9	22.3
203	17.4	13.8	20.6



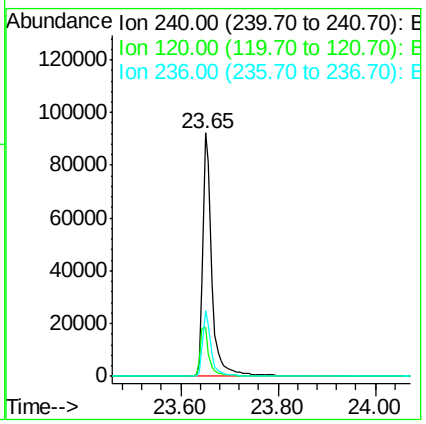


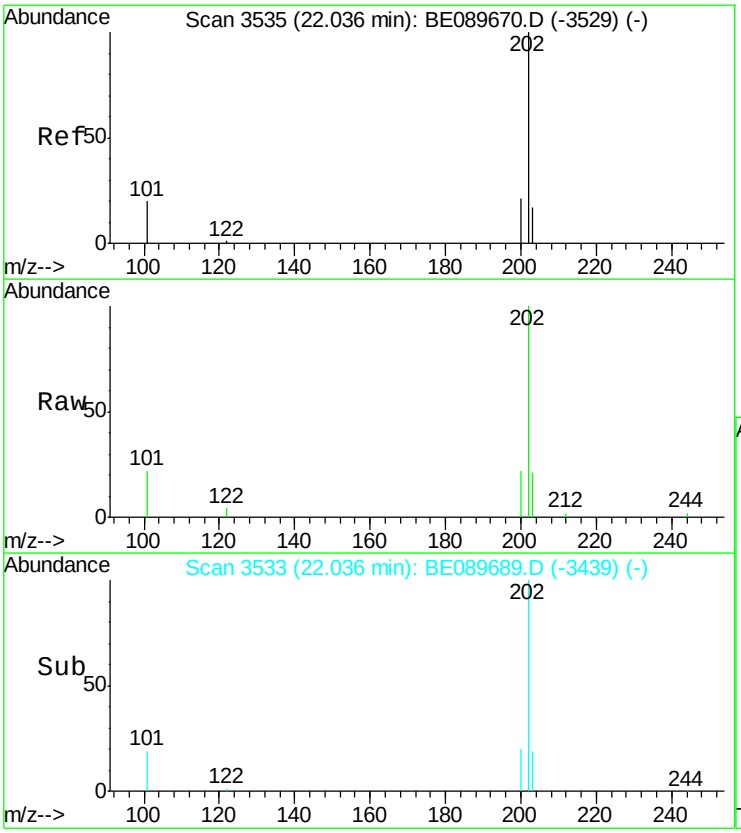
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3804
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:240 Resp: 116907

Ion	Ratio	Lower	Upper
240	100		
120	20.0	9.4	14.0#
236	27.2	19.9	29.9

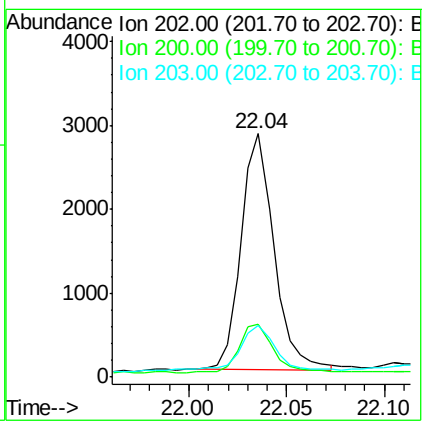


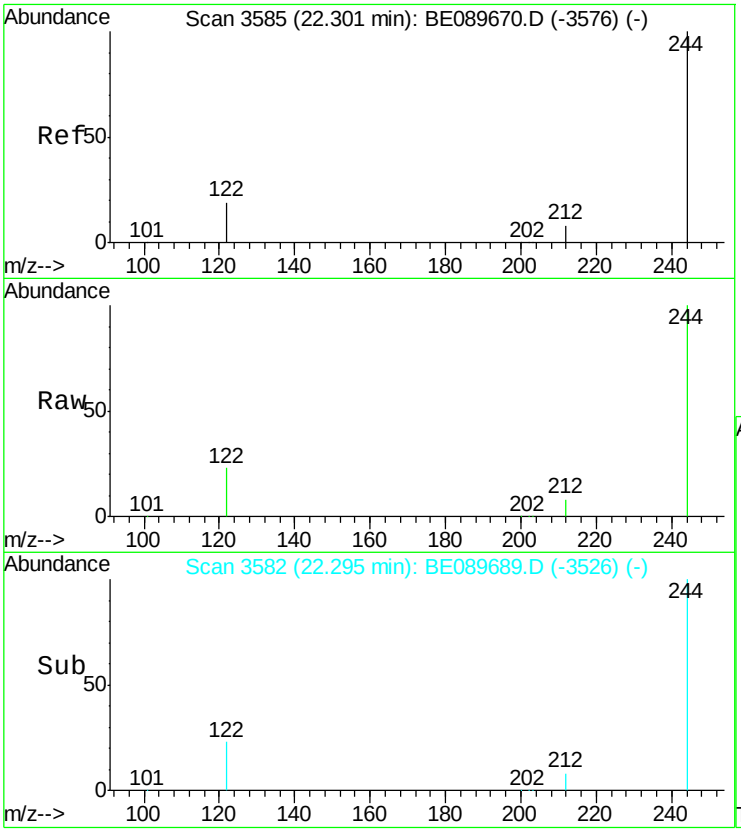


#20
Pyrene
Concen: 0.12 ng m
RT: 22.04 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:202 Resp: 3261

Ion	Ratio	Lower	Upper
202	100		
200	17.8	16.4	24.6
203	15.5	13.9	20.9



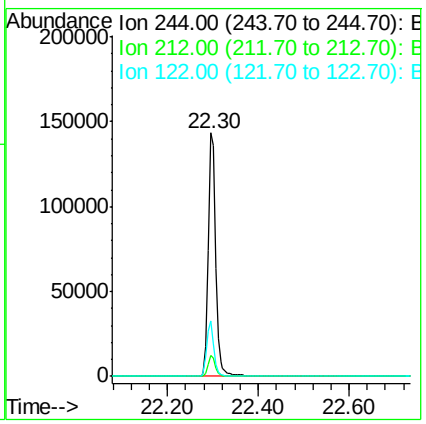


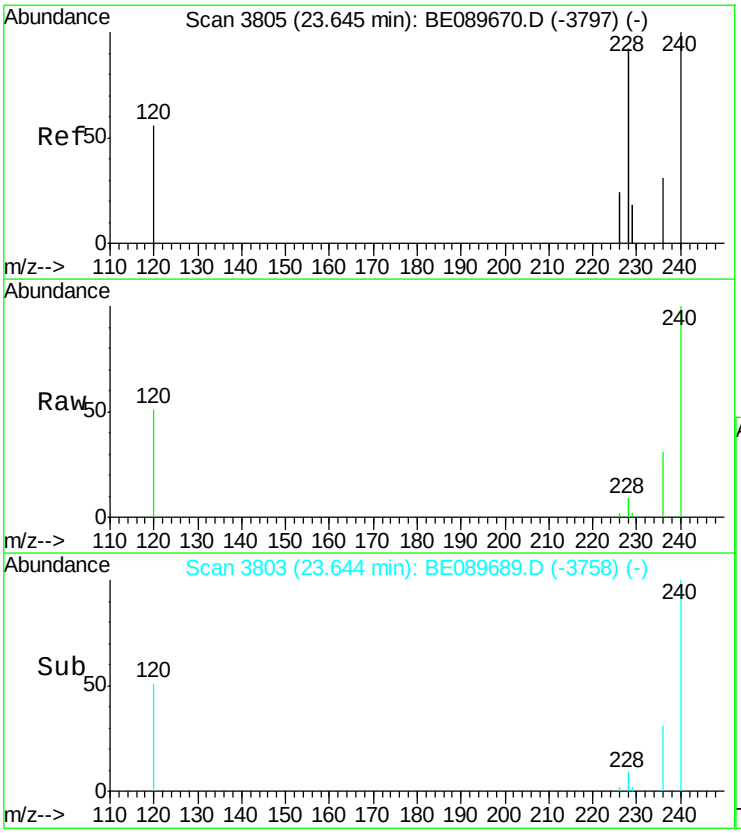
#21
Terphenyl-d14
Concen: 11.34 ng
RT: 22.30 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:244 Resp: 155515

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	22.6	15.4	23.0

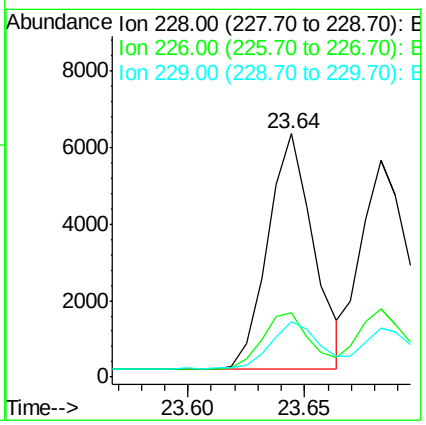


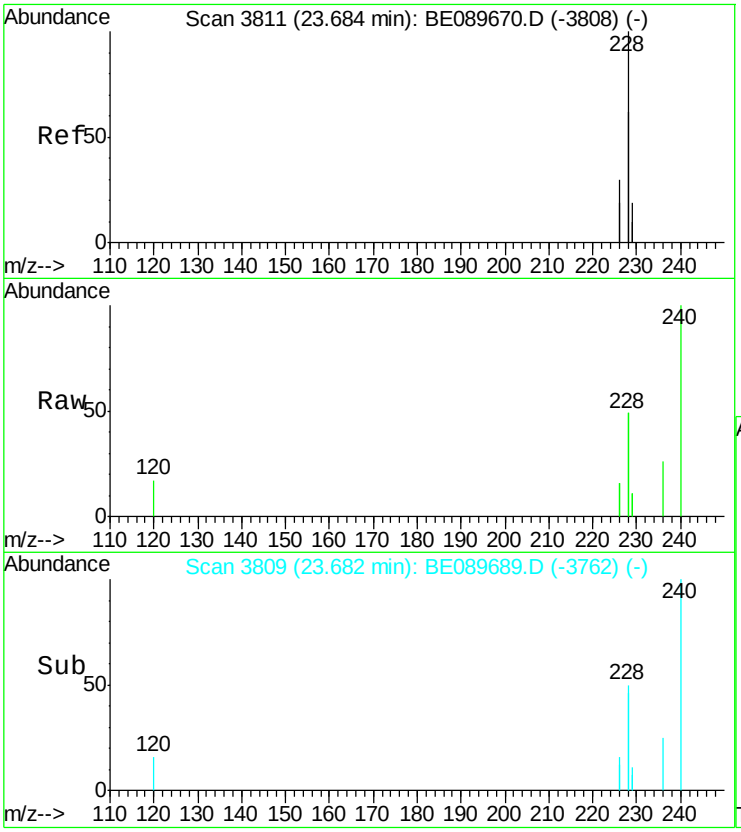


#22
Benzo(a)anthracene
Concen: 0.11 ng
RT: 23.64 min Scan# 3803
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:228 Resp: 8366

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.6	31.0
229	22.9	15.8	23.6



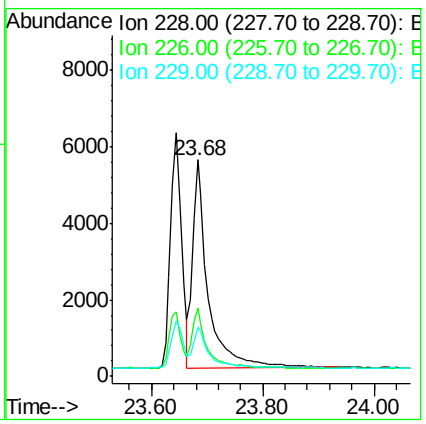


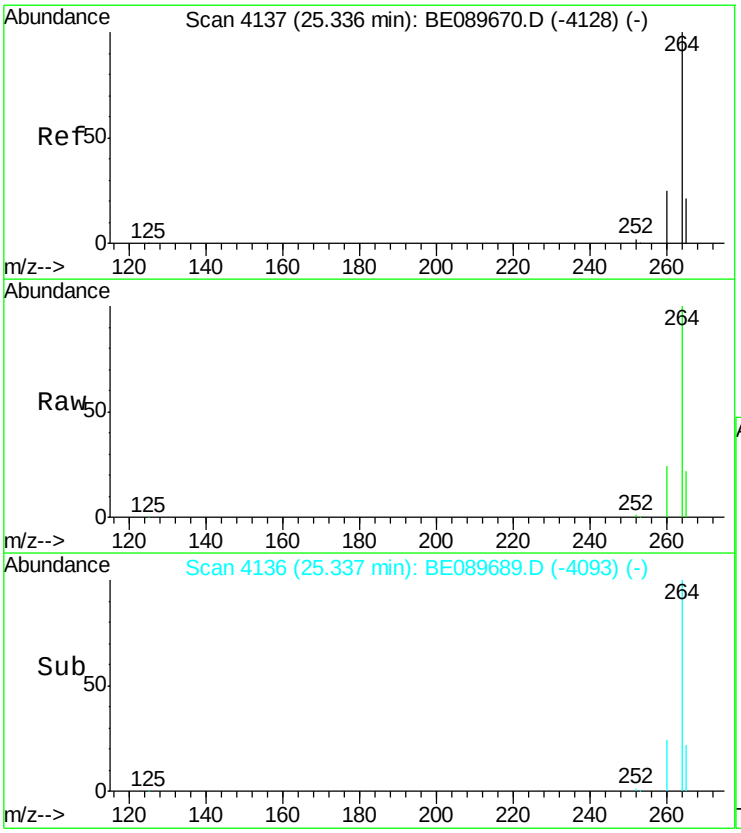
#23
Chrysene
Concen: 0.10 ng
RT: 23.68 min Scan# 3809
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:228 Resp: 10572

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.6	35.4
229	22.4	15.3	22.9

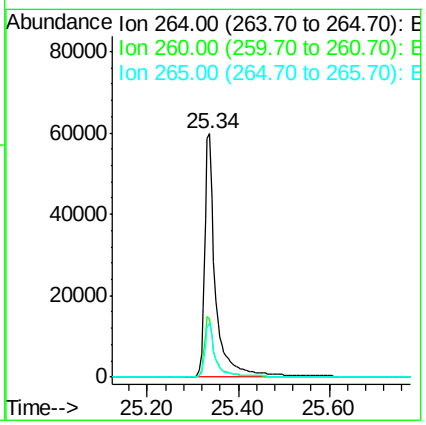


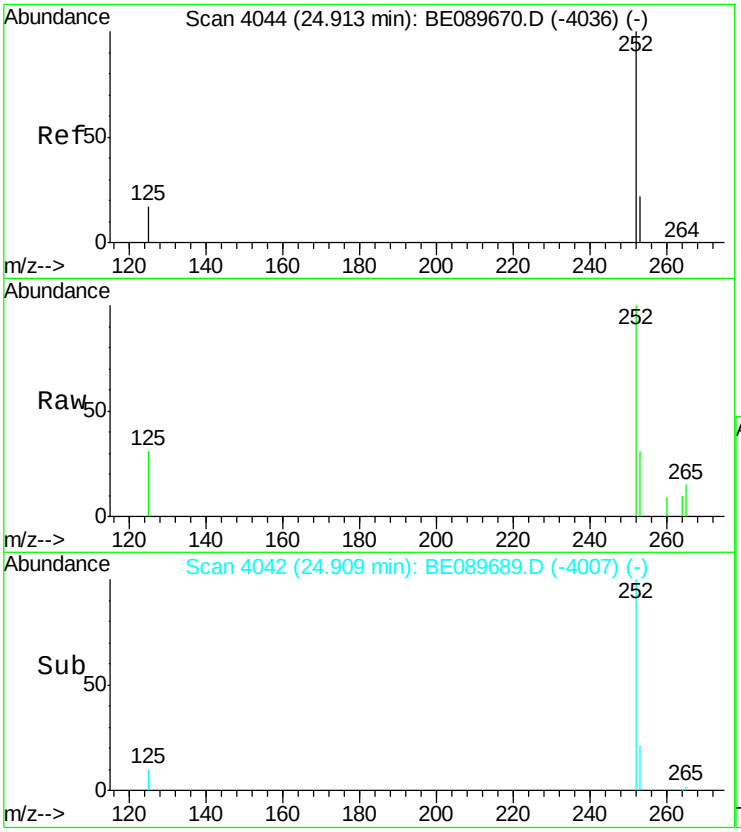


#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4136
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:264 Resp: 99273

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	22.0	17.0	25.4



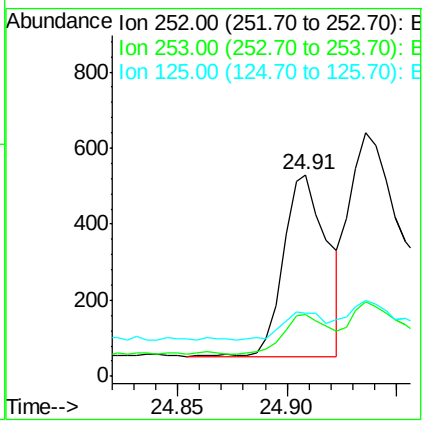


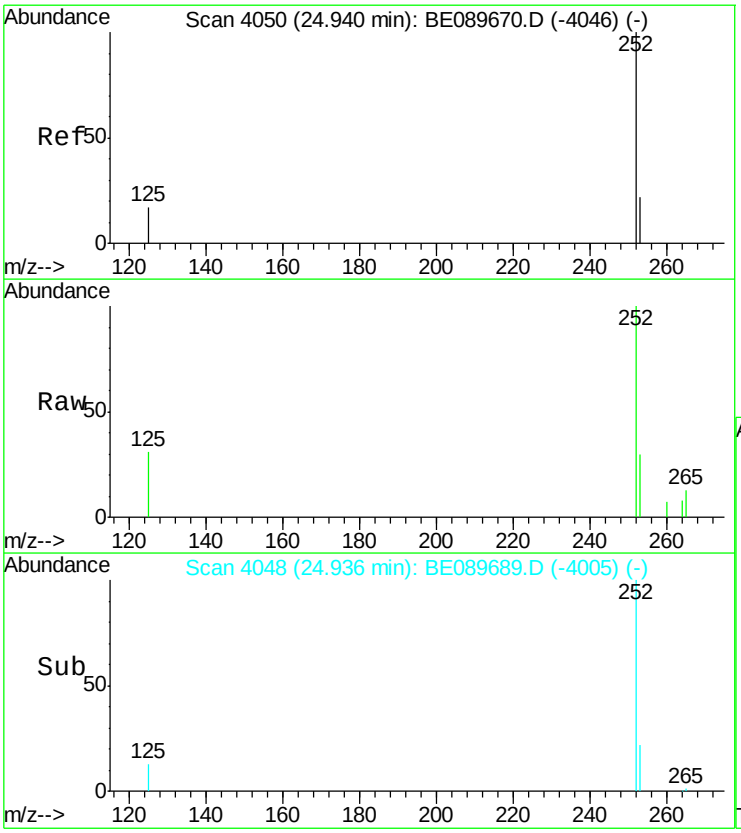
#26
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 24.91 min Scan# 4042
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:252 Resp: 660

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.6	27.8#
125	31.1	15.0	22.6#

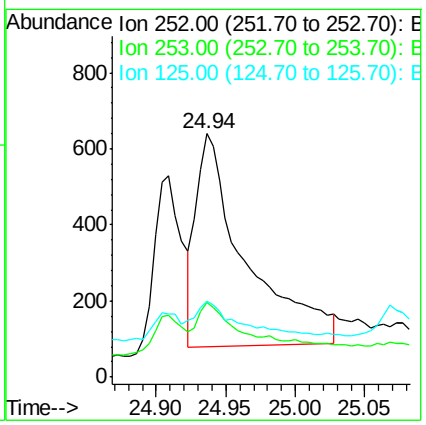


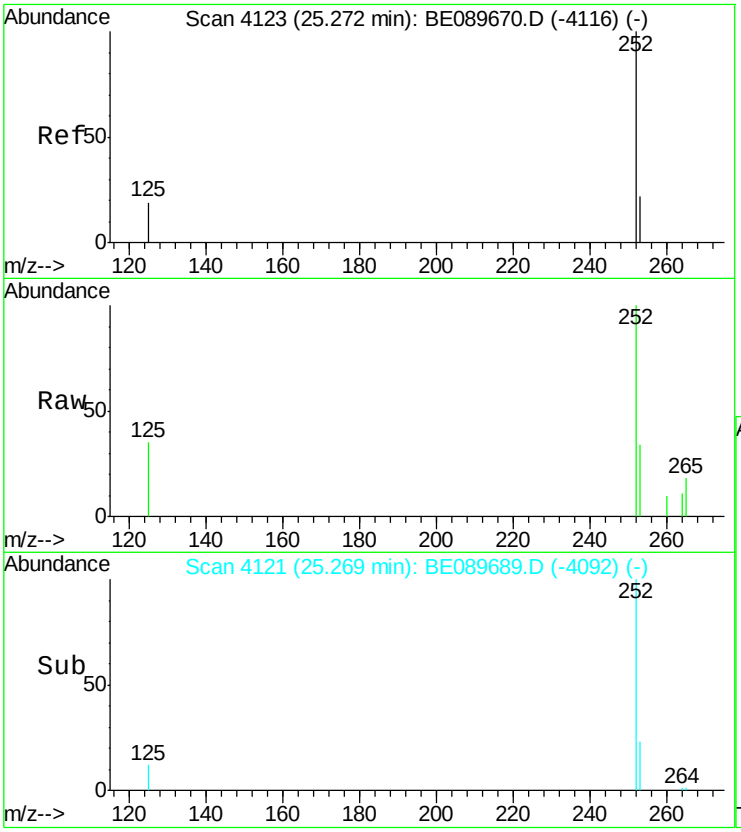


#27
Benzo(k)fluoranthene
Concen: 0.13 ng m
RT: 24.94 min Scan# 4048
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:252 Resp: 1402

Ion	Ratio	Lower	Upper
252	100		
253	30.5	18.0	27.0#
125	31.4	14.3	21.5#



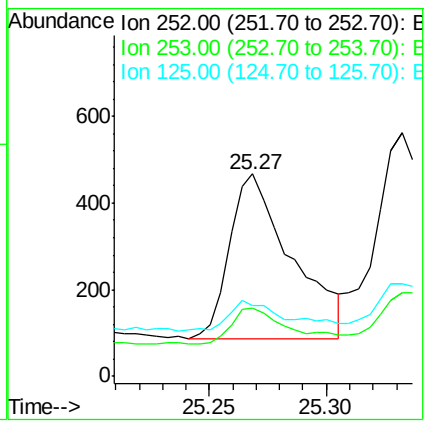


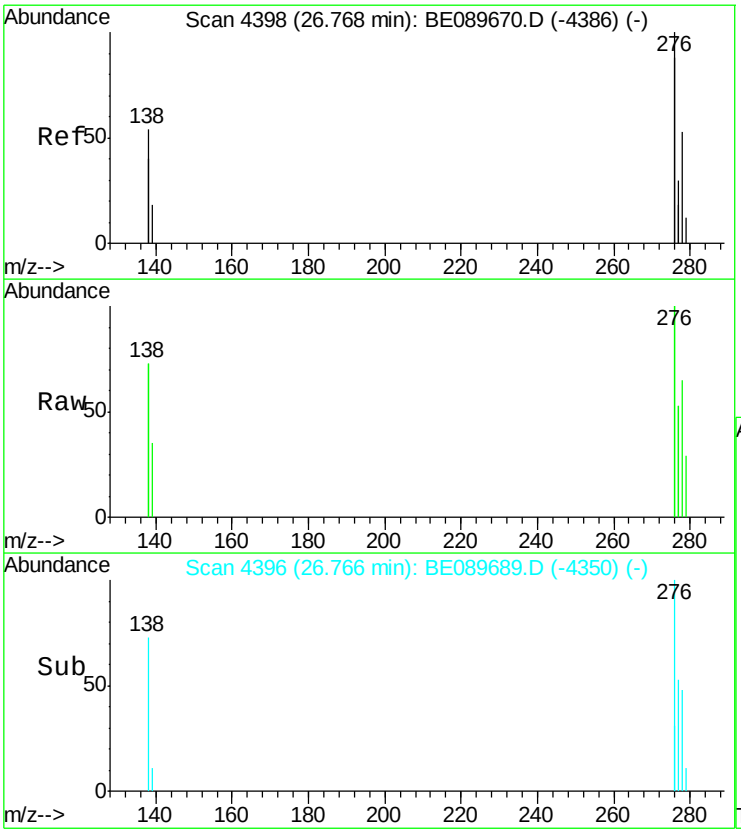
#28
Benzo(a)pyrene
Concen: 0.12 ng
RT: 25.27 min Scan# 4121
Delta R.T. 0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:252 Resp: 706

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.8	28.2#
125	34.7	16.6	24.8#

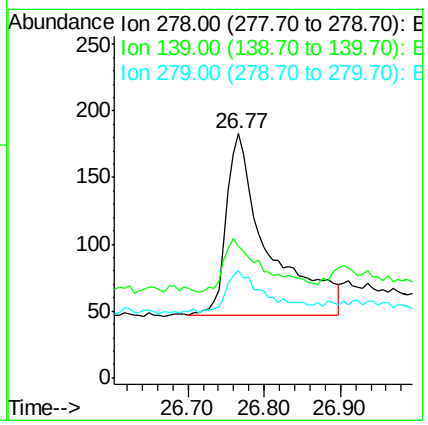


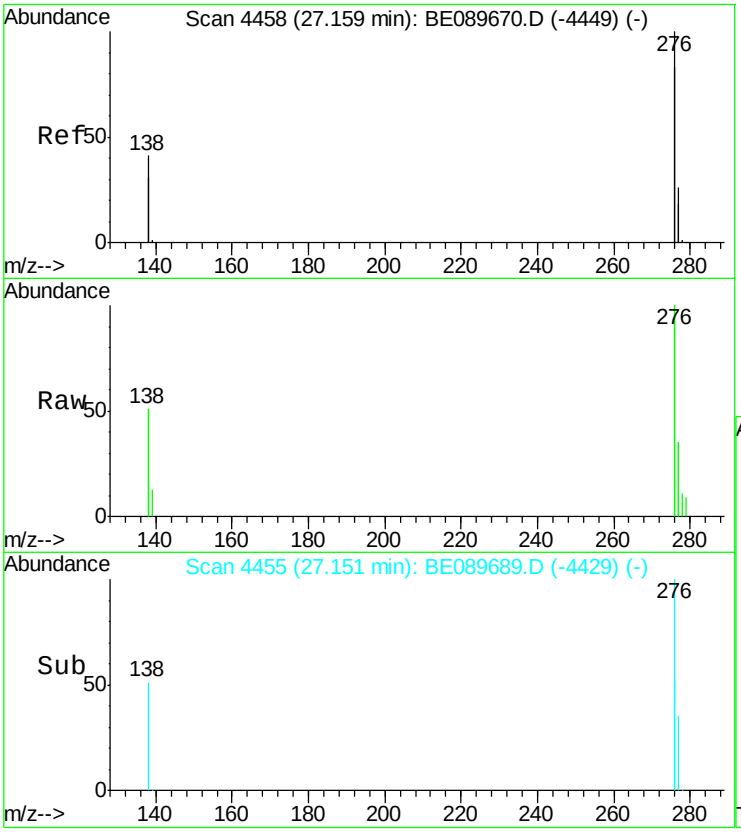


#29
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.77 min Scan# 4396
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Tgt Ion:278 Resp: 516

Ion	Ratio	Lower	Upper
278	100		
139	54.1	30.4	45.6#
279	43.7	22.0	33.0#





#30
Benzo(g,h,i)perylene
Concen: 0.17 ng
RT: 27.15 min Scan# 4455
Delta R.T. -0.00 min
Lab File: BE089689.D
Acq: 25 Feb 2015 20:50

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:276 Resp: 3687

Ion	Ratio	Lower	Upper
276	100		
277	34.9	21.0	31.6#
138	50.7	33.0	49.4#