Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091550.D
Acq On : 28 Mar 2016 22:52
Operator : UM/SJ
Sample : H1855-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-6A

Quant Time: Mar 29 01:08:07 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	43435	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	226750	5.00	ng		0.00
10) Acenaphthene-d10	14.43	164	143227	5.00	ng		-0.01
16) Phenanthrene-d10	17.17	188	345516	5.00	ng		0.00
22) Chrysene-d12	21.33	240	361885	5.00	ng		0.00
28) Perylene-d12	23.78	264	393486	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	52310	6.18	ng		-0.02
5) Phenol-d6	6.97	99	81630	7.06	ng		-0.02
7) Nitrobenzene-d5	8.97	82	33812	3.43	ng		-0.01
11) 2,4,6-Tribromophenol	15.91	330	24270	9.96	ng		-0.01
12) 2-Fluorobiphenyl	13.06	172	114045	2.83	ng		-0.01
24) Terphenyl-d14	19.78	244	189712	3.19	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	237	0.13	ng	#	8
8) Naphthalene	10.63	128	16376	0.36	ng	#	96
9) 2-Methylnaphthalene	12.25	142	18044	0.63	ng	#	91
13) Acenaphthylene	14.15	152	15278	0.30	ng	#	84
14) Acenaphthene	14.49	154	3784	0.11	ng	#	84
15) Fluorene	15.47	166	6023	0.14	ng	#	92
18) Pentachlorophenol	16.81	266	944	0.40	ng		95
19) Phenanthrene	17.21	178	142035	1.79	ng		100
20) Anthracene	17.30	178	24994	0.38	ng		97
21) Fluoranthene	19.21	202	406035	5.49	ng		99
23) Pyrene	19.57	202	392867	4.60	ng		95
25) Benzo(a)anthracene	21.36	228	398234	4.77	ng	#	97
26) Chrysene	21.36	228	398584	3.63	ng	#	91
27) Indeno(1,2,3-cd)pyrene	26.35	276	124737	1.46	ng		96
29) Benzo(b)fluoranthene	23.02	252	367641	4.21	ng		96
30) Benzo(k)fluoranthene	23.02	252	367641	4.22	ng		94
31) Benzo(a)pyrene	23.56	252	134793	1.67	ng		98
32) Dibenzo(a,h)anthracene	26.36	278	28768	0.37	ng		98
33) Benzo(g,h,i)perylene	27.15	276	129492	1.60	ng		99

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

Quantitation Report (Not Reviewed)

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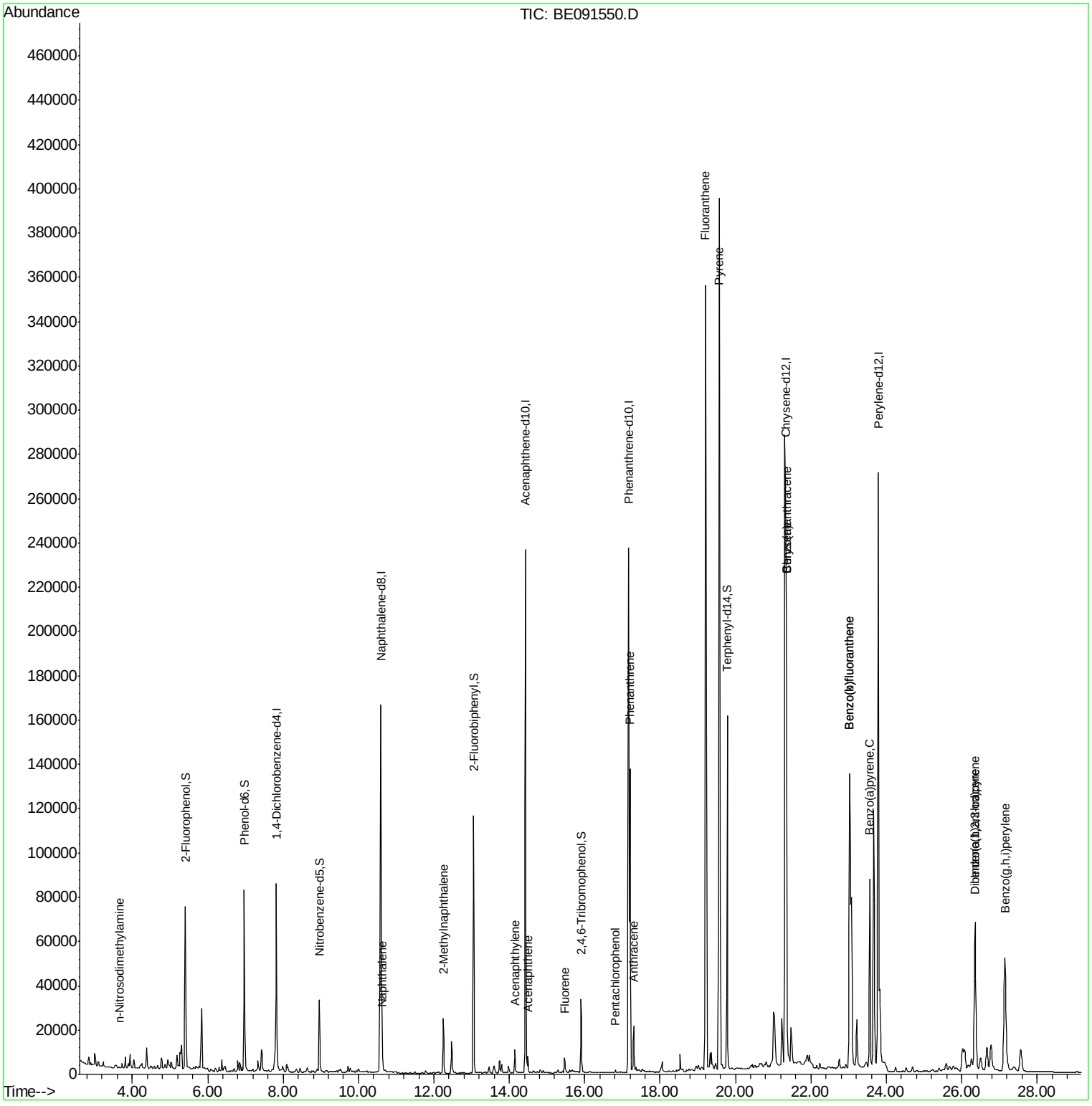
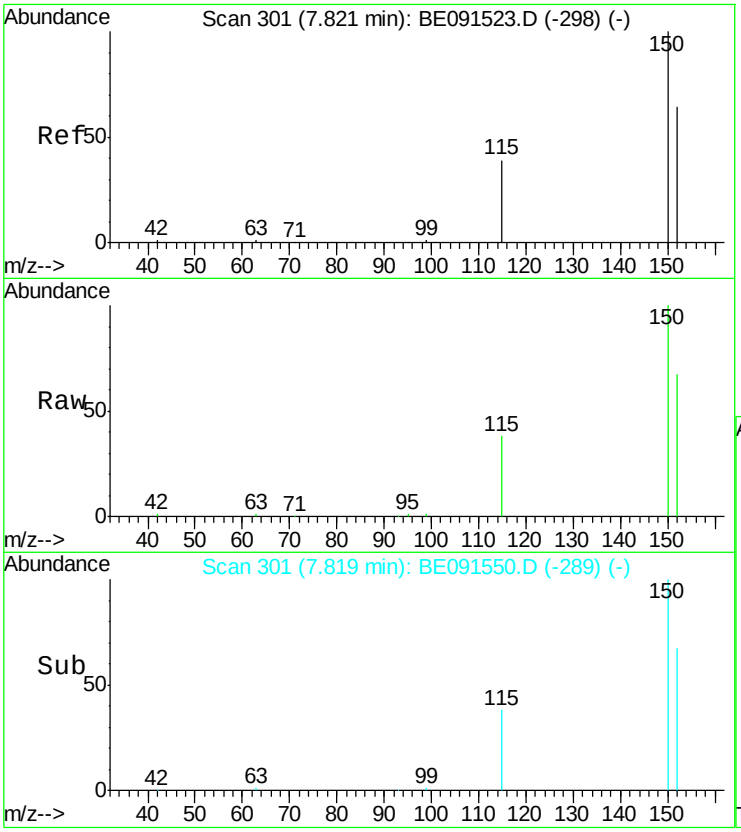
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration



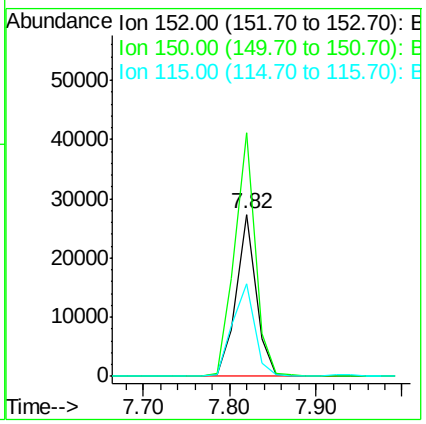


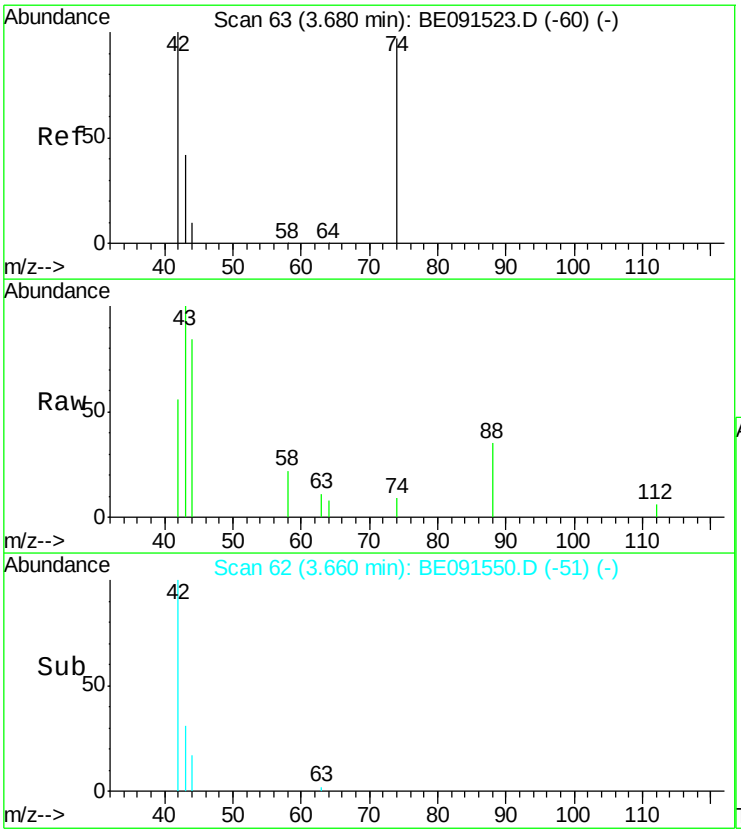
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:152 Resp: 43435

Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.2	183.2
115	57.2	45.9	68.9

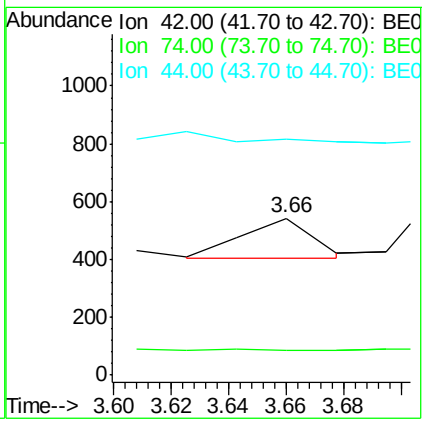


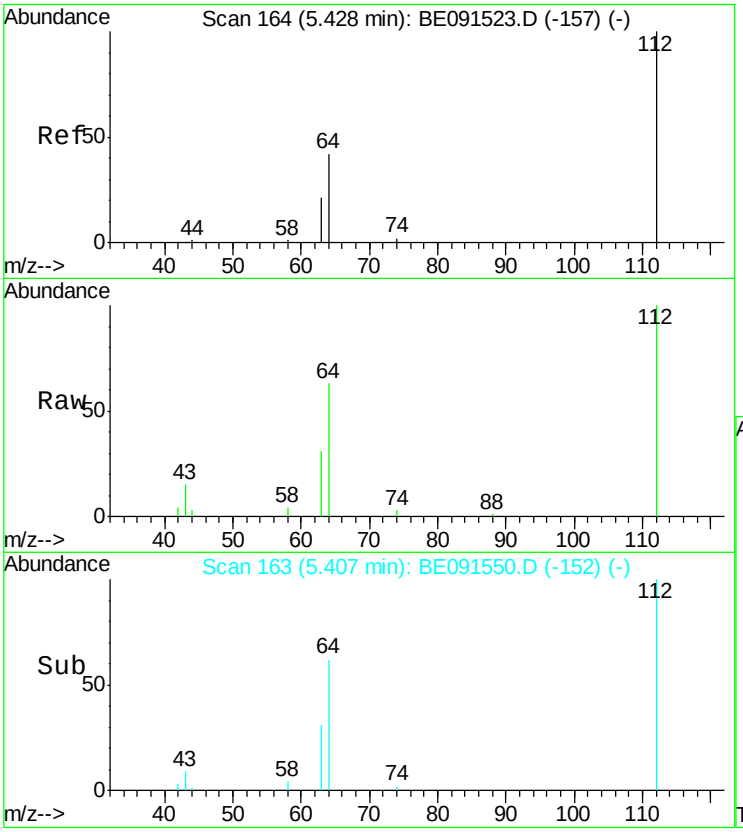


#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.66 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion: 42 Resp: 237

Ion	Ratio	Lower	Upper
42	100		
74	5.1	84.3	126.5#
44	0.0	6.7	10.1#



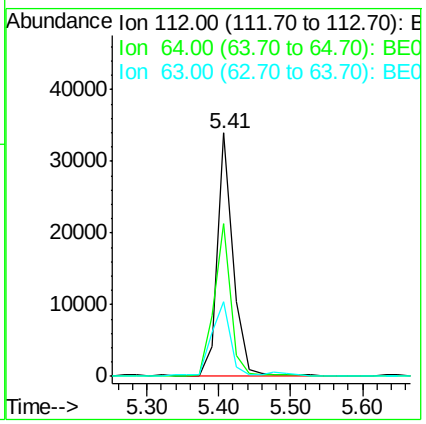


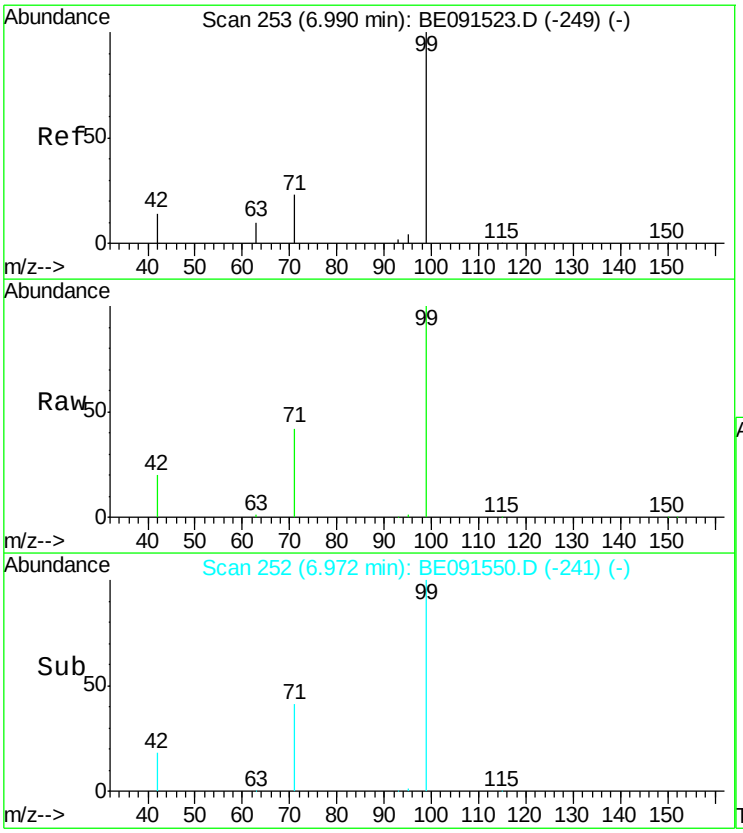
#4
2-Fluorophenol
Concen: 6.18 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:112 Resp: 52310

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.3	79.9
63	36.0	29.8	44.8

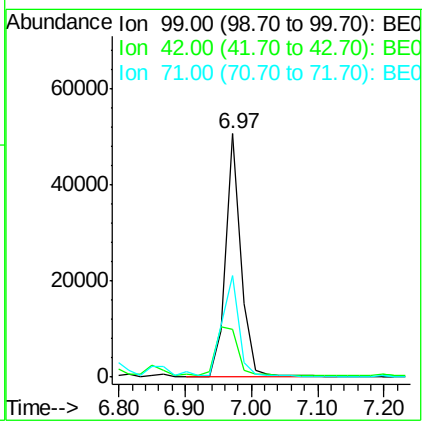


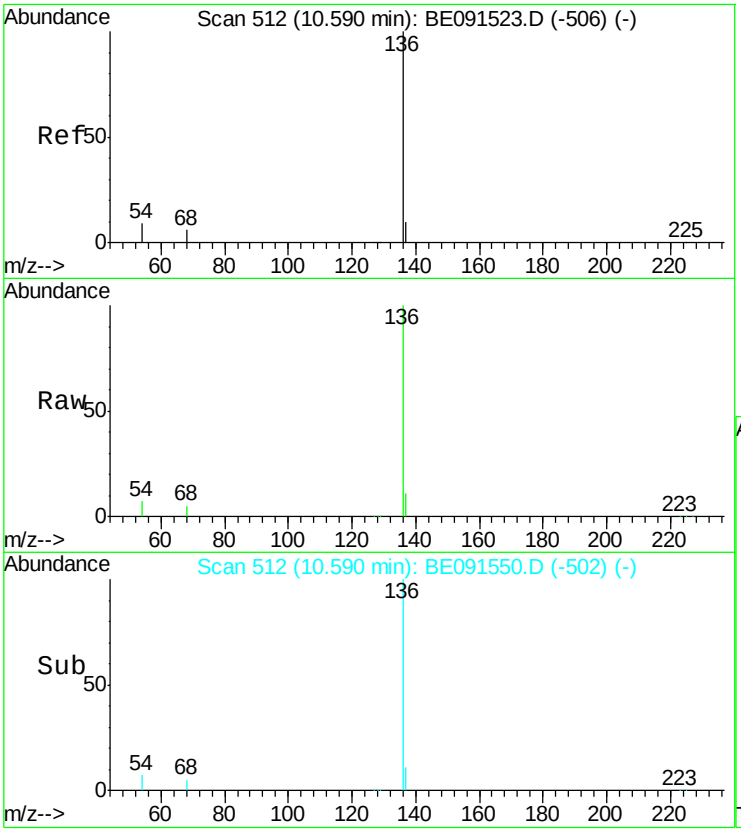


#5
Phenol-d6
Concen: 7.06 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion: 99 Resp: 81630

Ion	Ratio	Lower	Upper
99	100		
42	27.4	20.6	30.8
71	45.3	29.0	43.4#



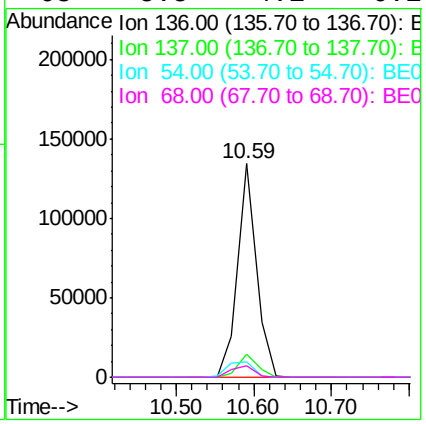


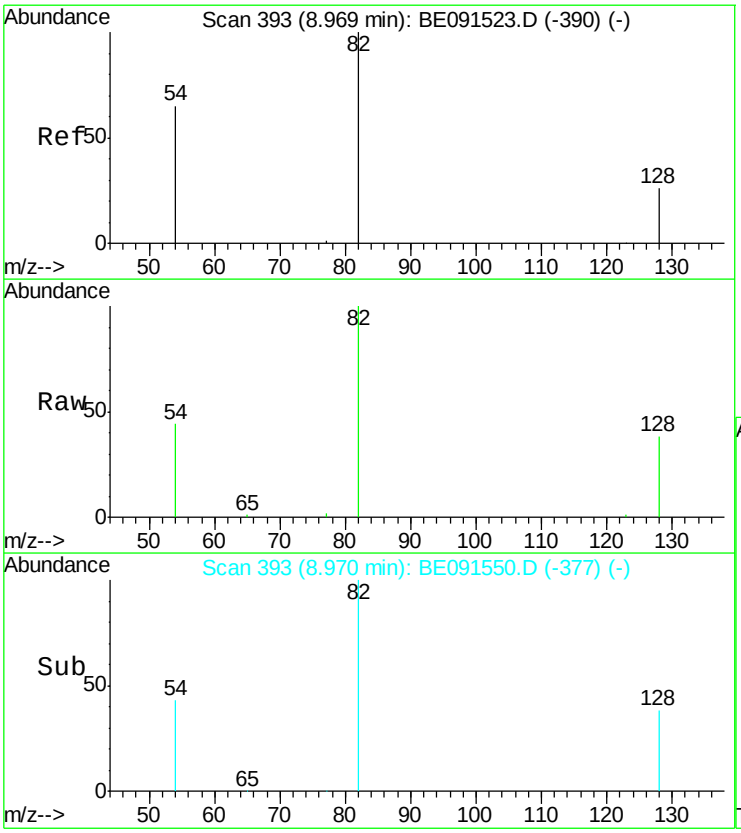
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:136 Resp: 226750

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.2	7.8
68	5.5	4.1	6.1

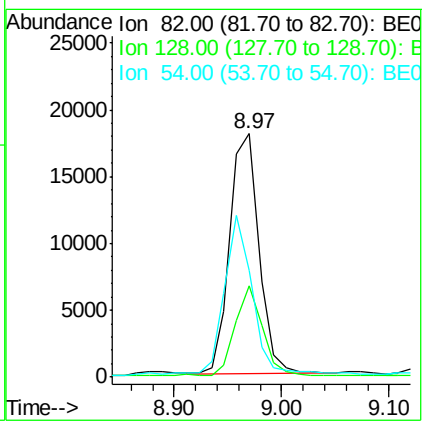


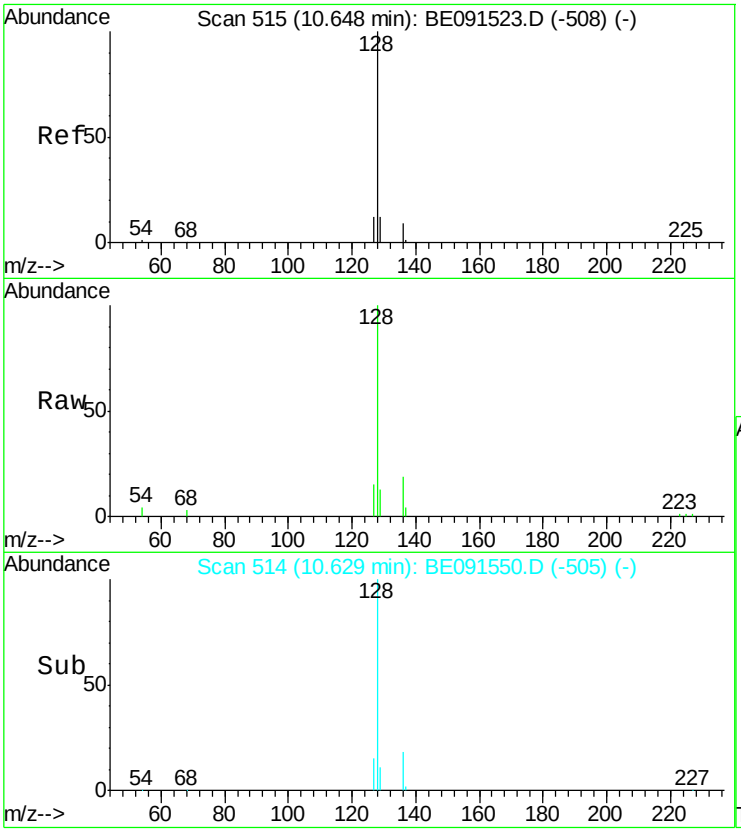


#7
Nitrobenzene-d5
Concen: 3.43 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion: 82 Resp: 33812

Ion	Ratio	Lower	Upper
82	100		
128	37.5	23.5	35.3#
54	43.6	52.4	78.6#



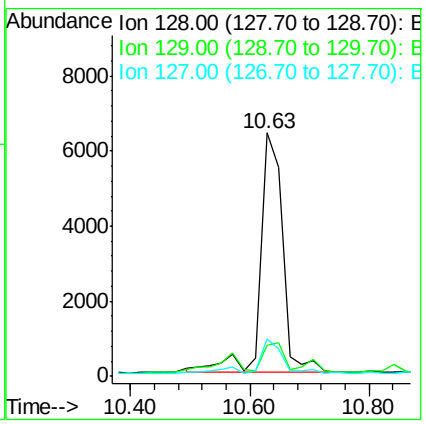


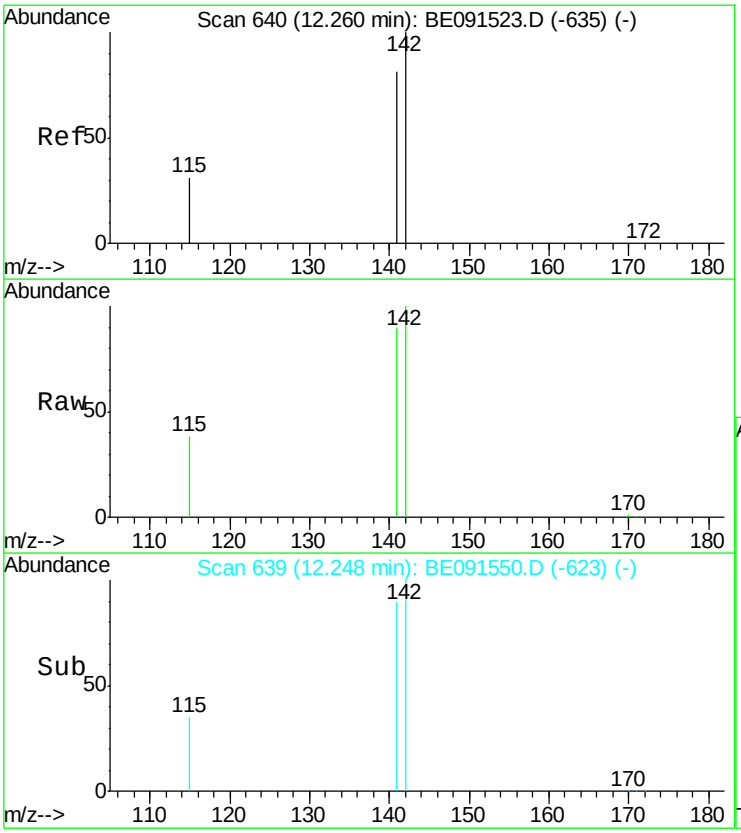
#8
Naphthalene
Concen: 0.36 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:128 Resp: 16376

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.2	12.2#
127	15.5	11.8	17.8

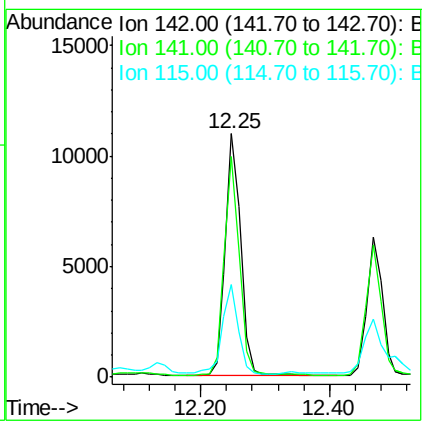


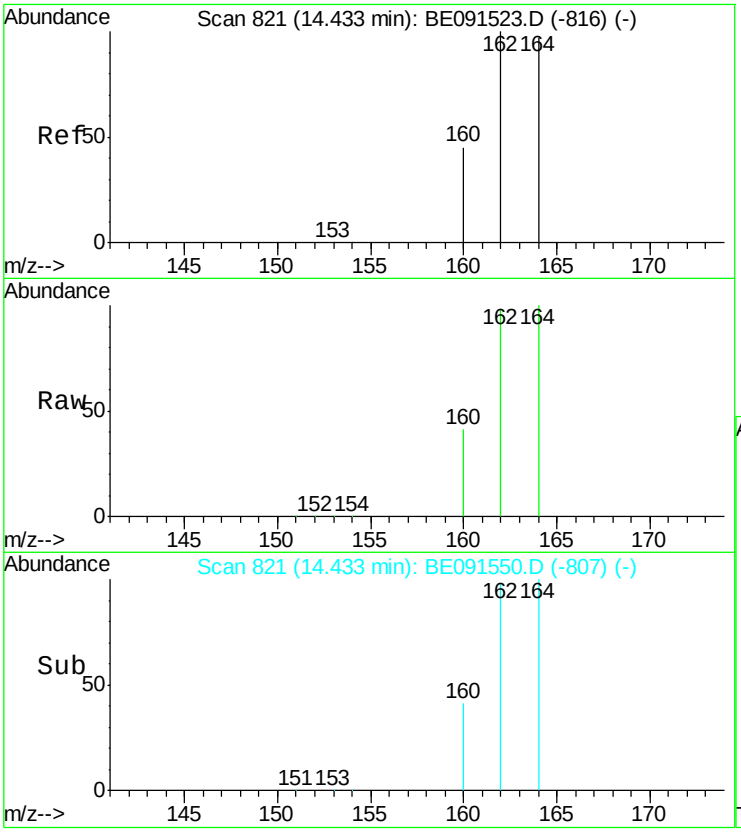


#9
2-Methylnaphthalene
Concen: 0.63 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:142 Resp: 18044

Ion	Ratio	Lower	Upper
142	100		
141	90.5	66.9	100.3
115	37.9	25.1	37.7#



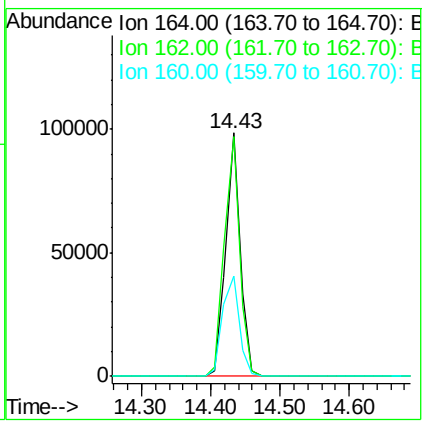


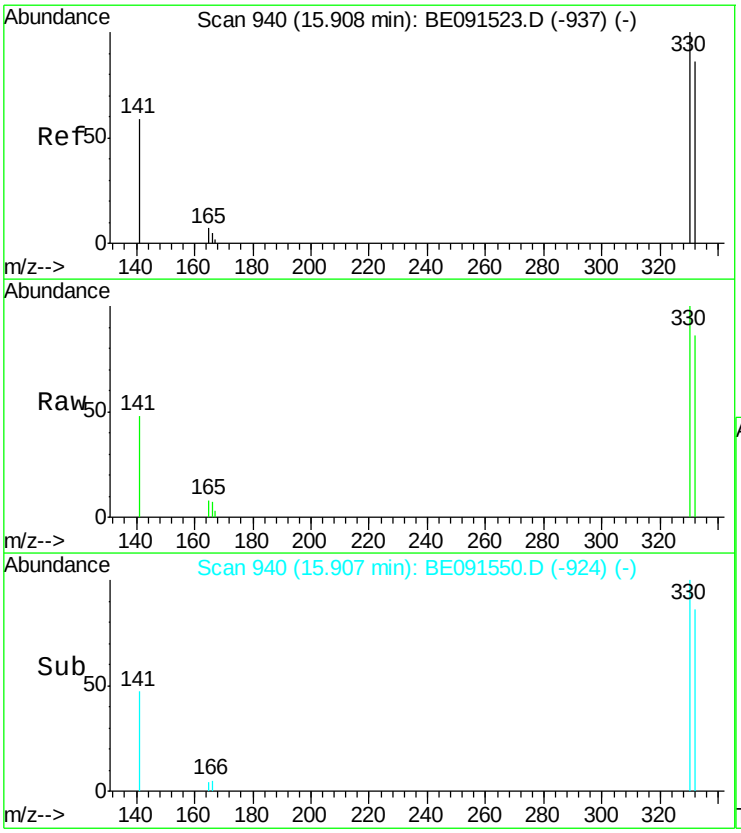
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:164 Resp: 143227

Ion	Ratio	Lower	Upper
164	100		
162	98.3	84.4	126.6
160	41.4	37.7	56.5

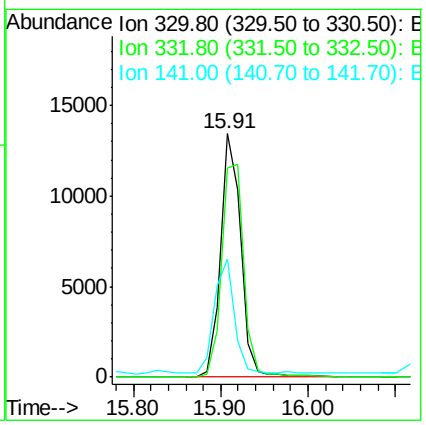


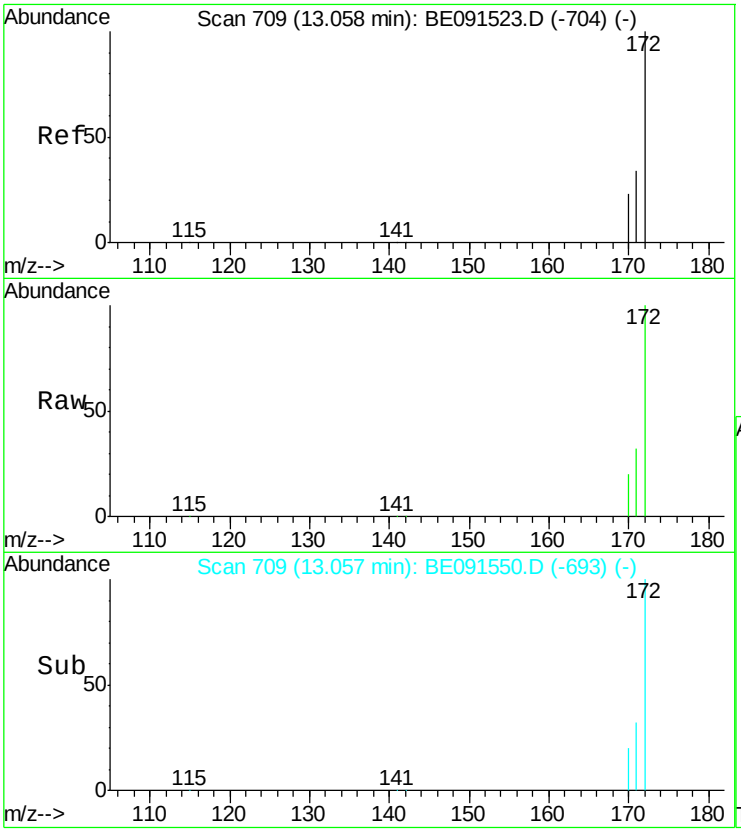


#11
2,4,6-Tribromophenol
Concen: 9.96 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:330 Resp: 24270

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.2	118.8
141	40.8	28.1	42.1



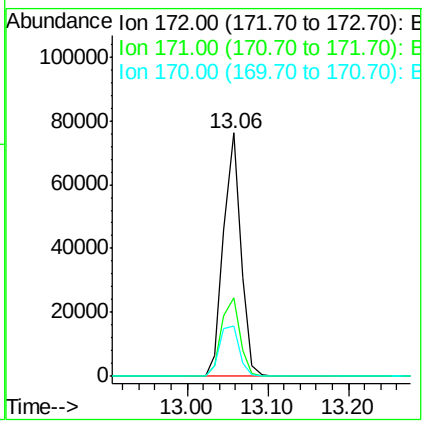


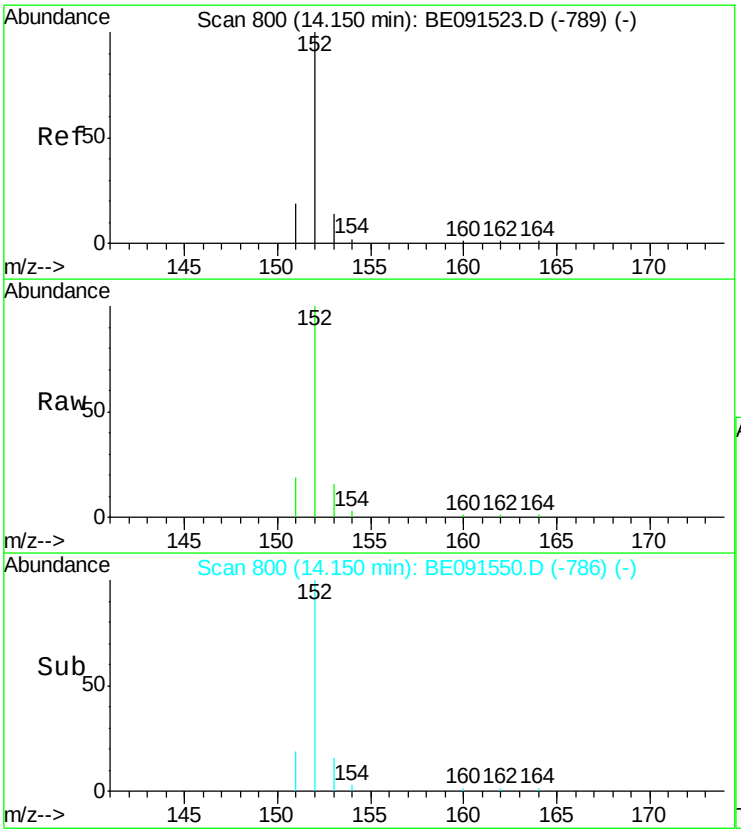
#12
2-Fluorobiphenyl
Concen: 2.83 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:172 Resp: 114045

Ion	Ratio	Lower	Upper
172	100		
171	32.2	29.8	44.8
170	20.5	21.4	32.2#

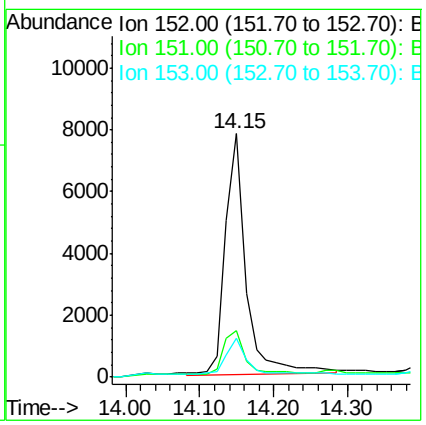


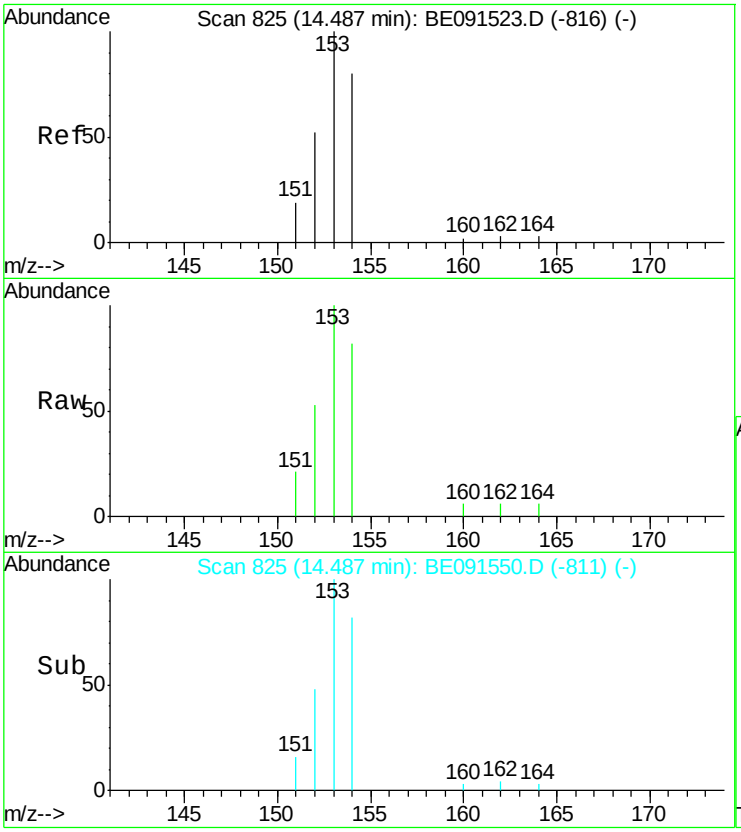


#13
Acenaphthylene
Concen: 0.30 ng
RT: 14.15 min Scan# 800
Delta R.T. 0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:152 Resp: 15278

Ion	Ratio	Lower	Upper
152	100		
151	30.8	16.3	24.5#
153	16.6	11.1	16.7



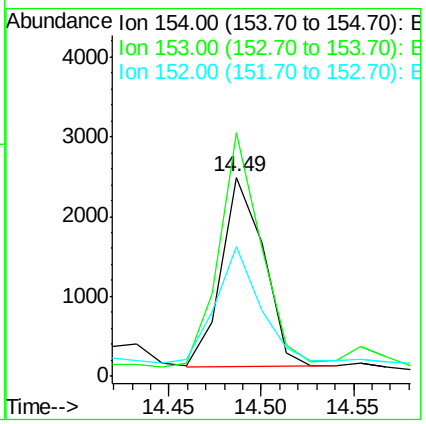


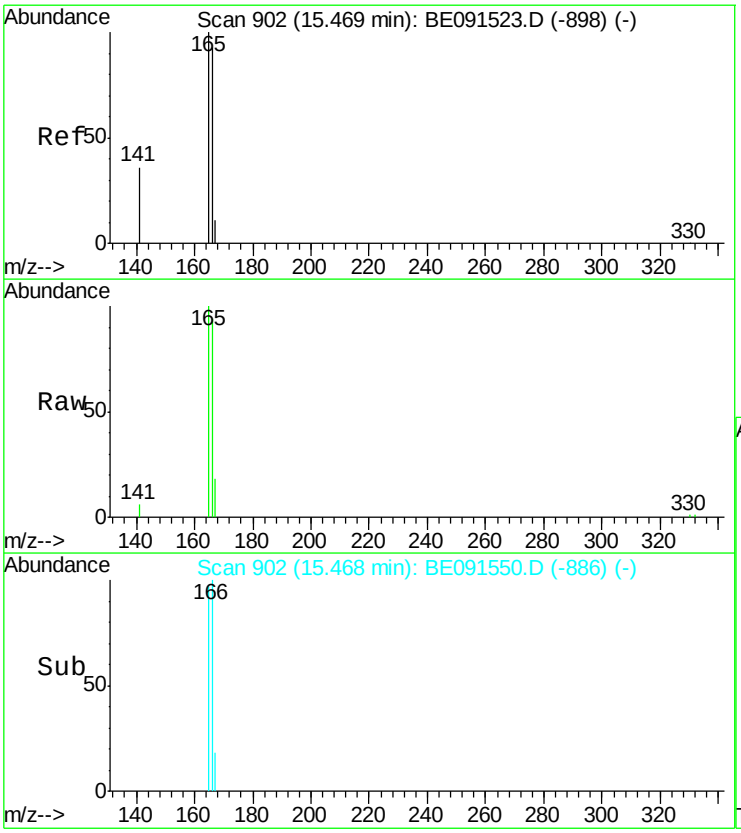
#14
Acenaphthene
Concen: 0.11 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:154 Resp: 3784

Ion	Ratio	Lower	Upper
154	100		
153	122.8	87.3	130.9
152	70.0	42.9	64.3#

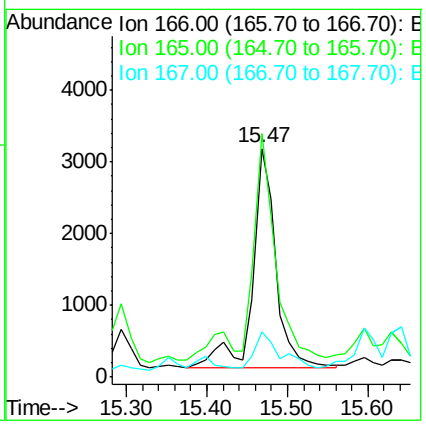


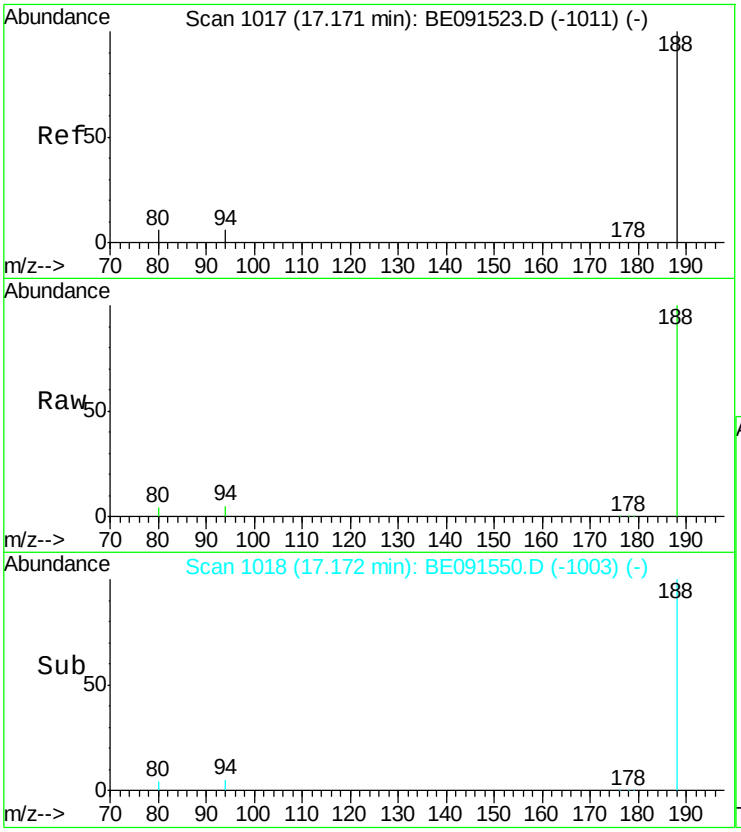


#15
Fluorene
Concen: 0.14 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:166 Resp: 6023

Ion	Ratio	Lower	Upper
166	100		
165	90.9	79.2	118.8
167	17.6	10.8	16.2#



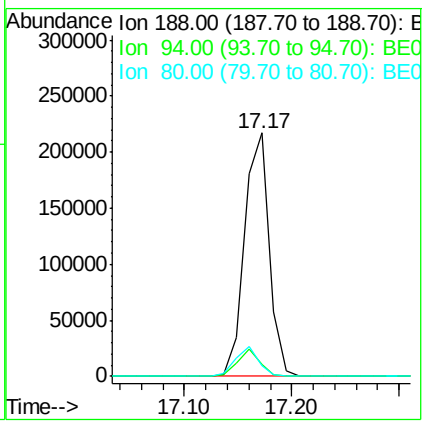


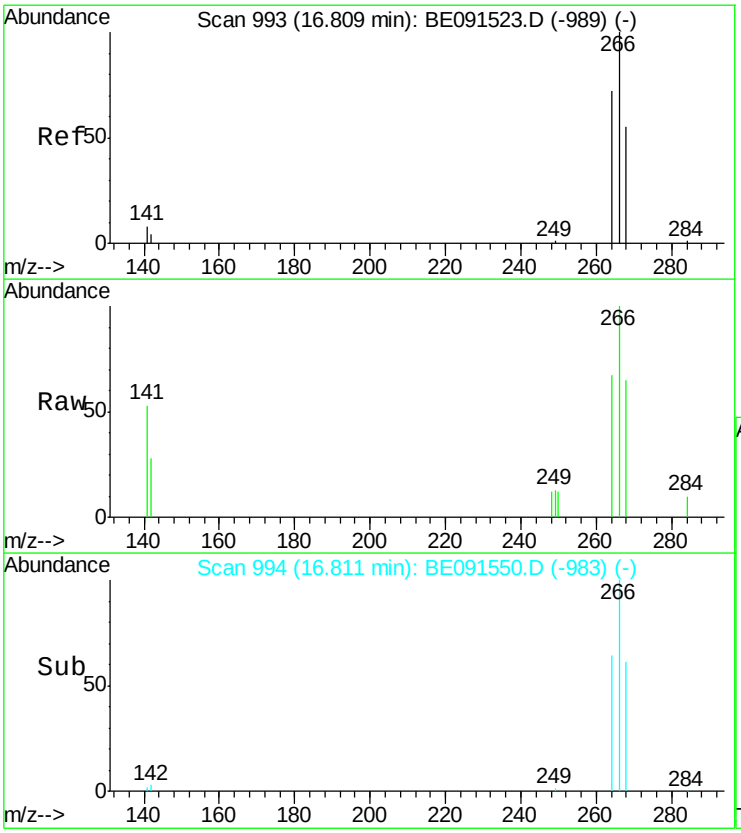
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:188 Resp: 345516

Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.4	8.2#
80	4.2	5.0	7.4#

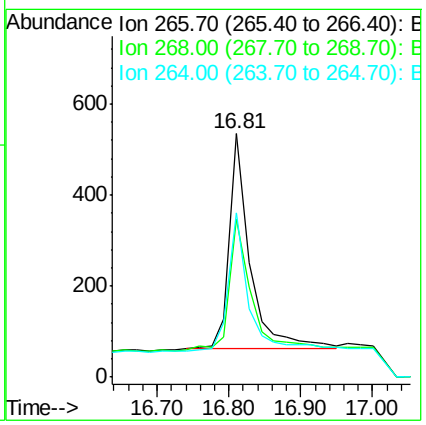


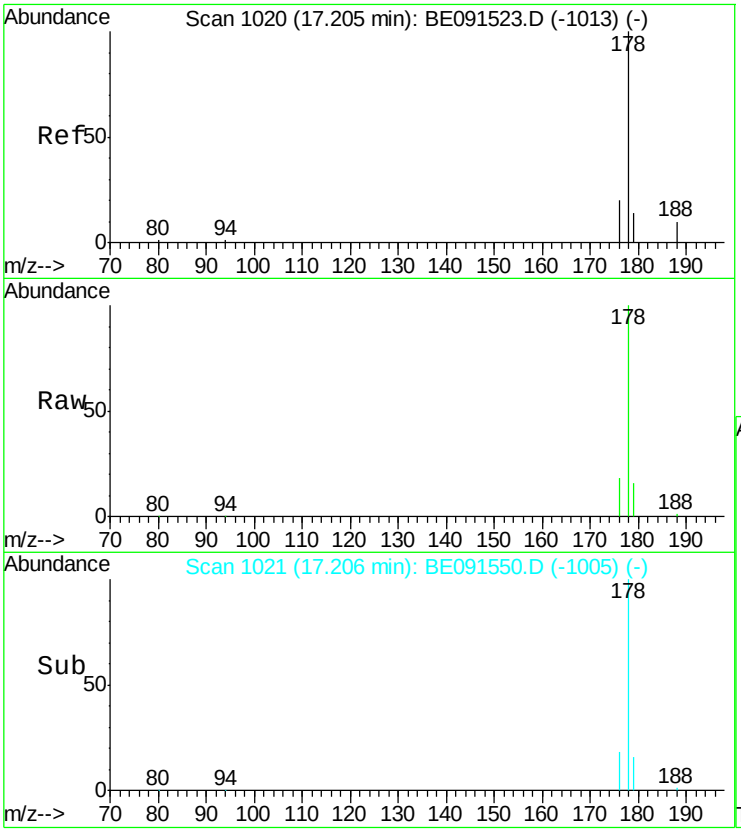


#18
Pentachlorophenol
Concen: 0.40 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:266 Resp: 944

Ion	Ratio	Lower	Upper
266	100		
268	65.0	48.2	72.2
264	67.3	52.1	78.1



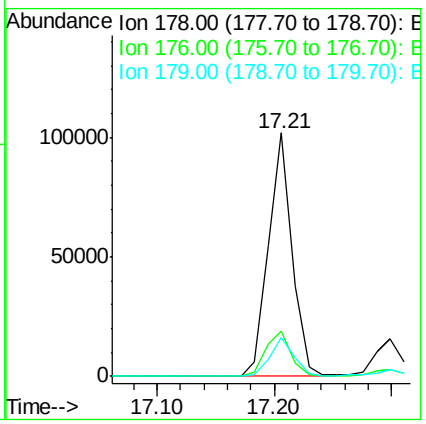


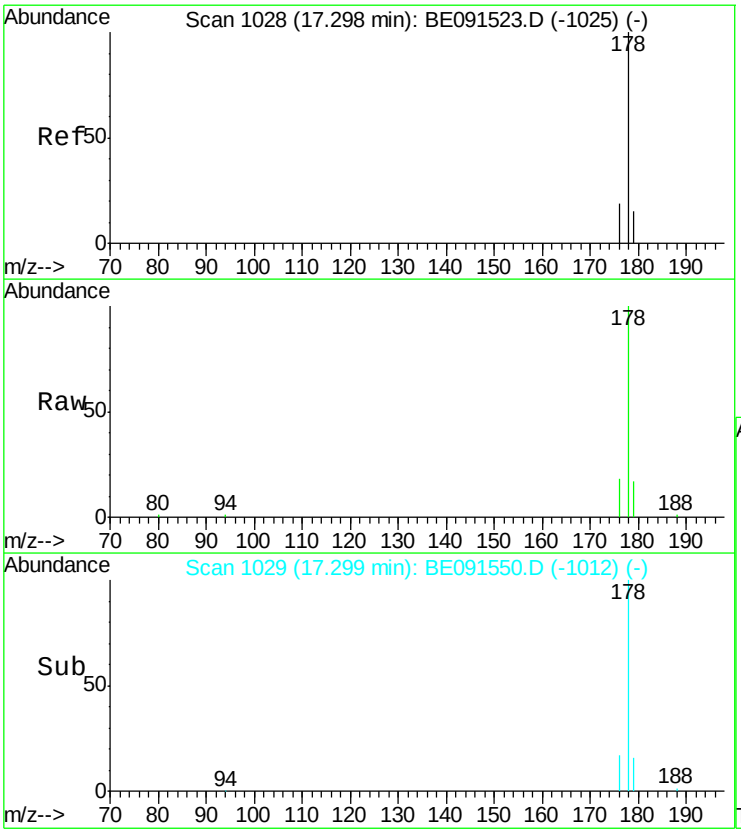
#19
Phenanthrene
Concen: 1.79 ng
RT: 17.21 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:178 Resp: 142035

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.0	13.1	19.7

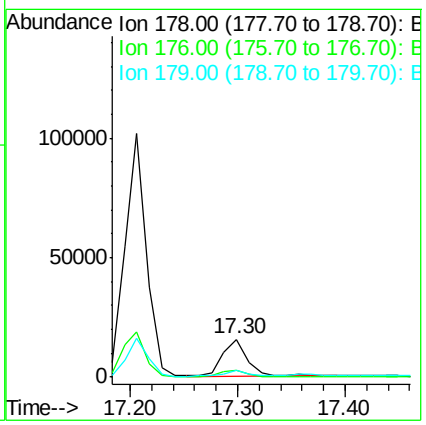


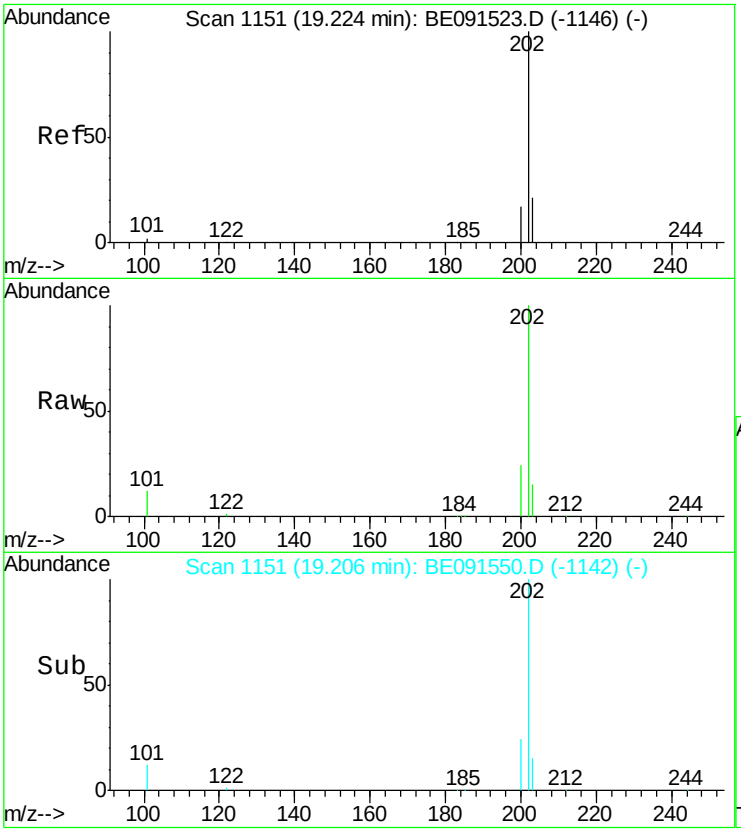


#20
Anthracene
Concen: 0.38 ng
RT: 17.30 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:178 Resp: 24994

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	13.2	12.2	18.4



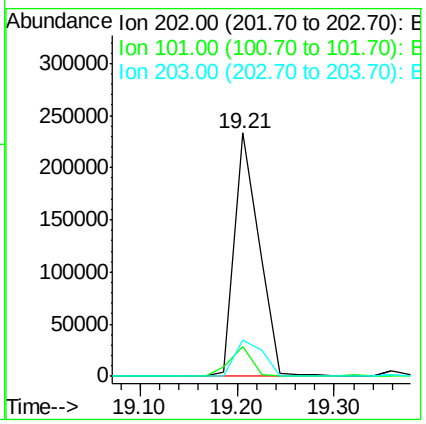


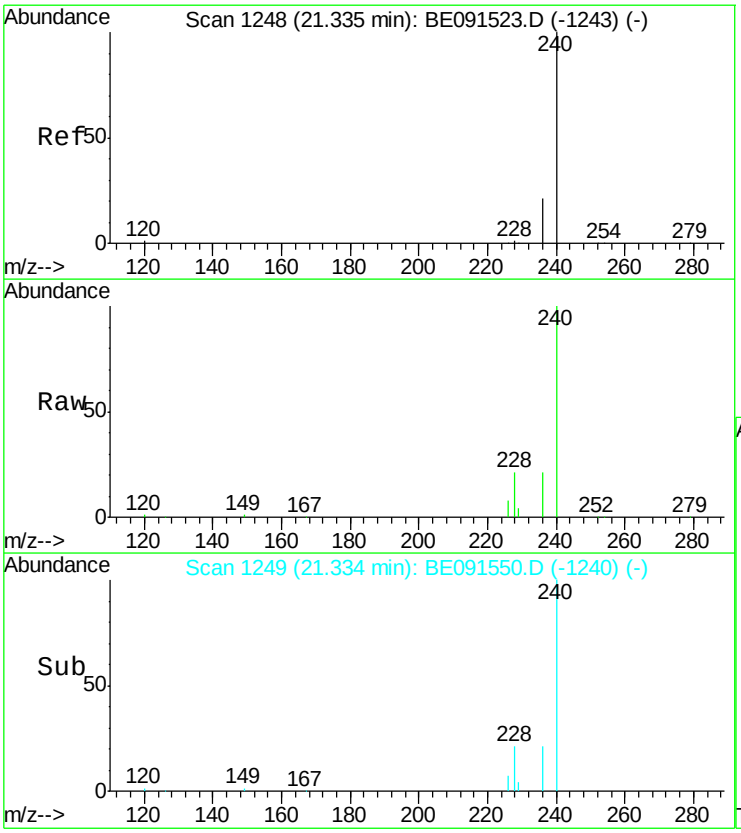
#21
Fluoranthene
Concen: 5.49 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:202 Resp: 406035

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.3	12.5
203	17.2	13.9	20.9

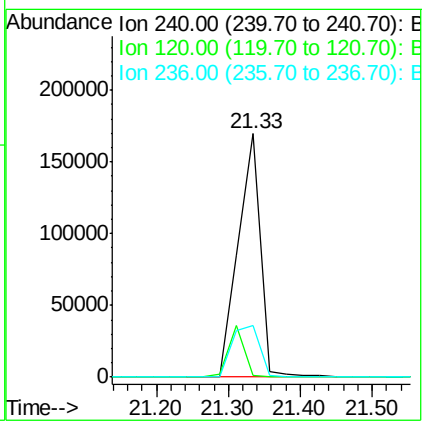


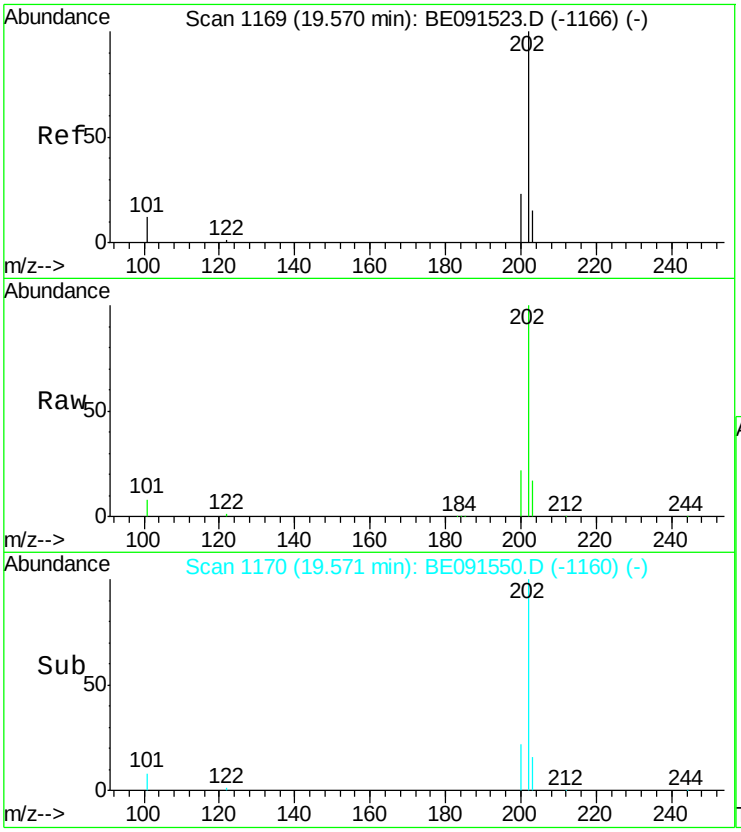


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:240 Resp: 361885

Ion	Ratio	Lower	Upper
240	100		
120	0.8	4.0	6.0#
236	21.1	23.0	34.4#



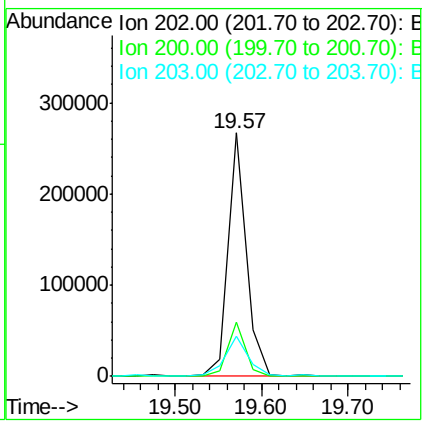


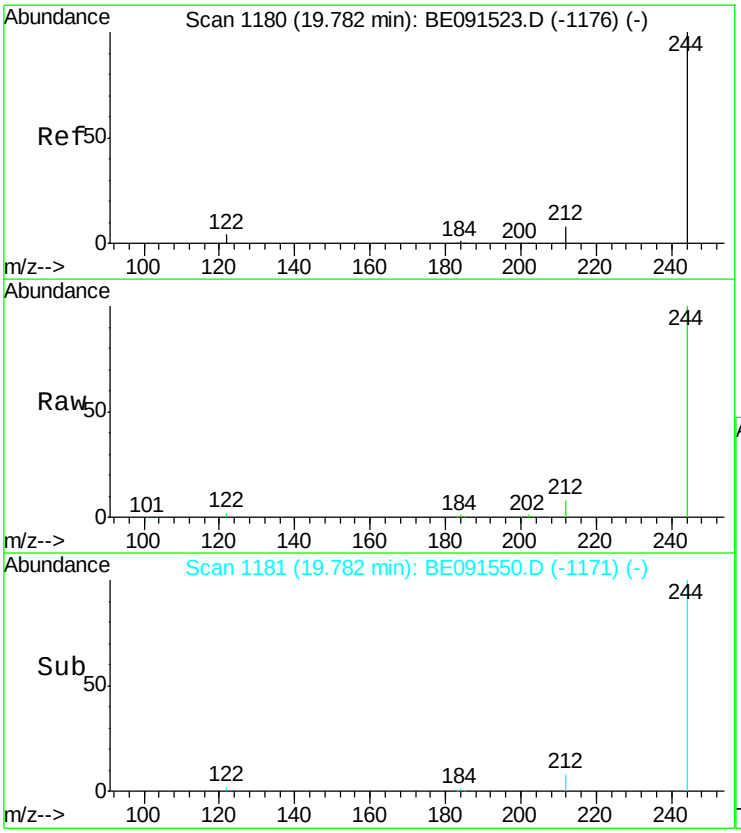
#23
Pyrene
Concen: 4.60 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:202 Resp: 392867

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.4	24.6
203	21.4	14.6	21.8

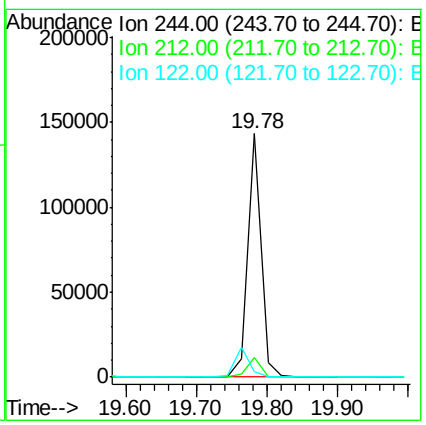


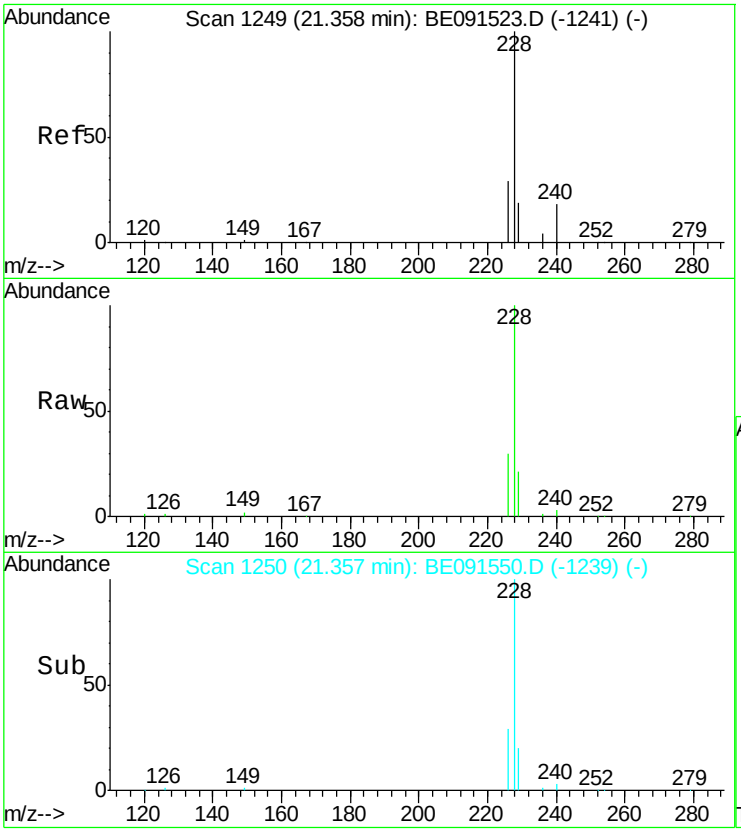


#24
Terphenyl-d14
Concen: 3.19 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:244 Resp: 189712

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	2.1	1.8	2.8



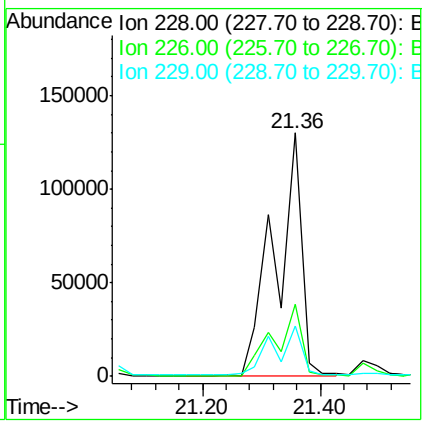


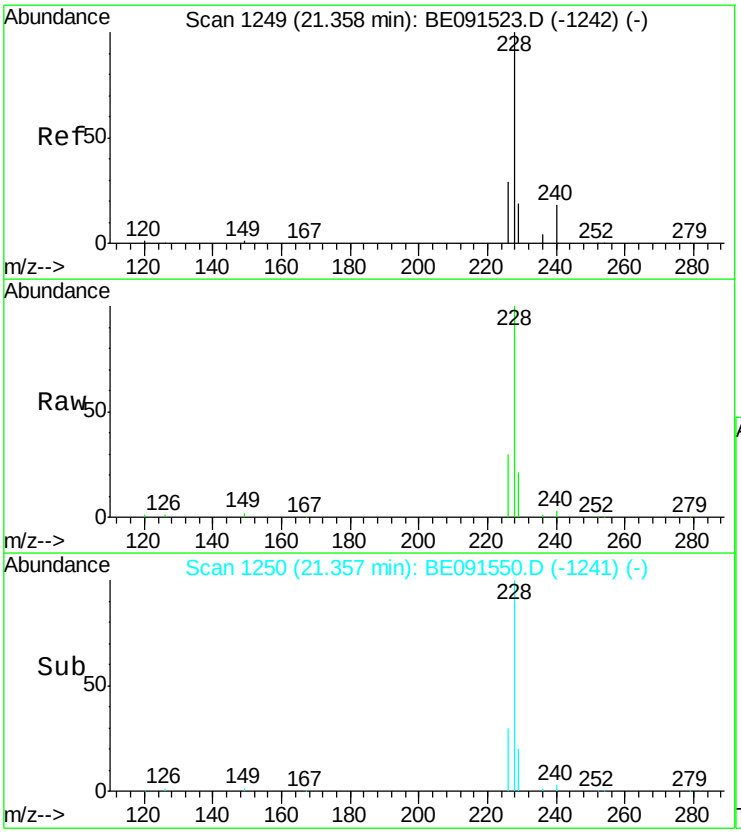
#25
Benzo(a)anthracene
Concen: 4.77 ng
RT: 21.36 min Scan# 1250
Delta R.T. 0.04 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:228 Resp: 398234

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.8	13.8	20.6#

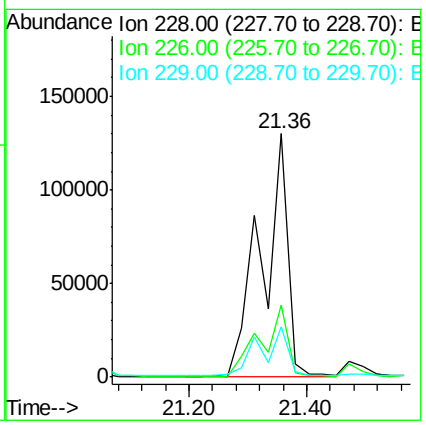


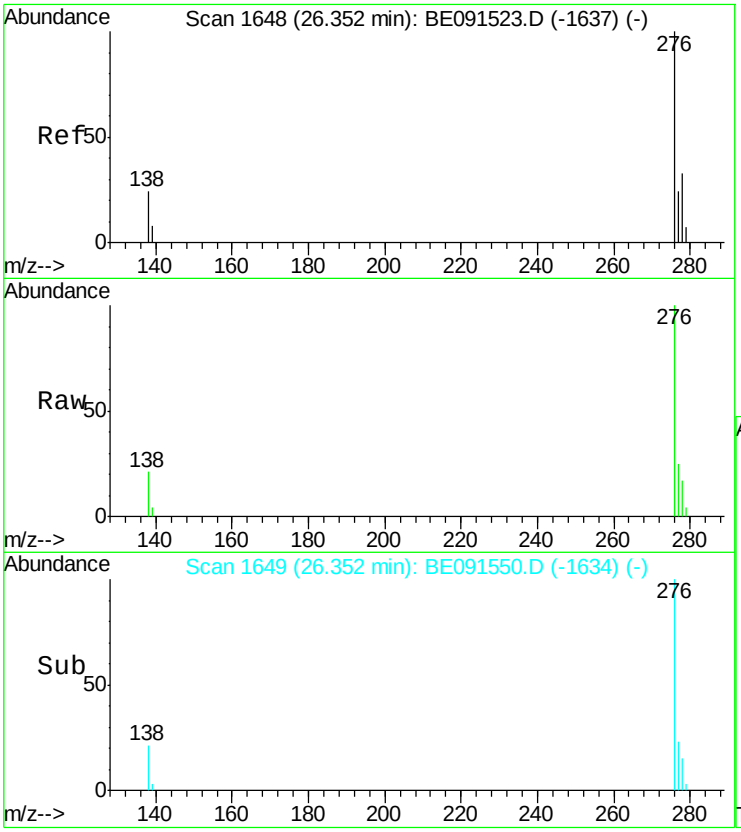


#26
Chrysene
Concen: 3.63 ng
RT: 21.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:228 Resp: 398584

Ion	Ratio	Lower	Upper
228	100		
226	29.8	18.9	28.3#
229	20.8	19.1	28.7



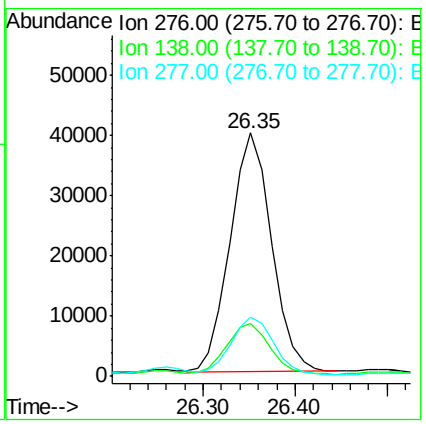


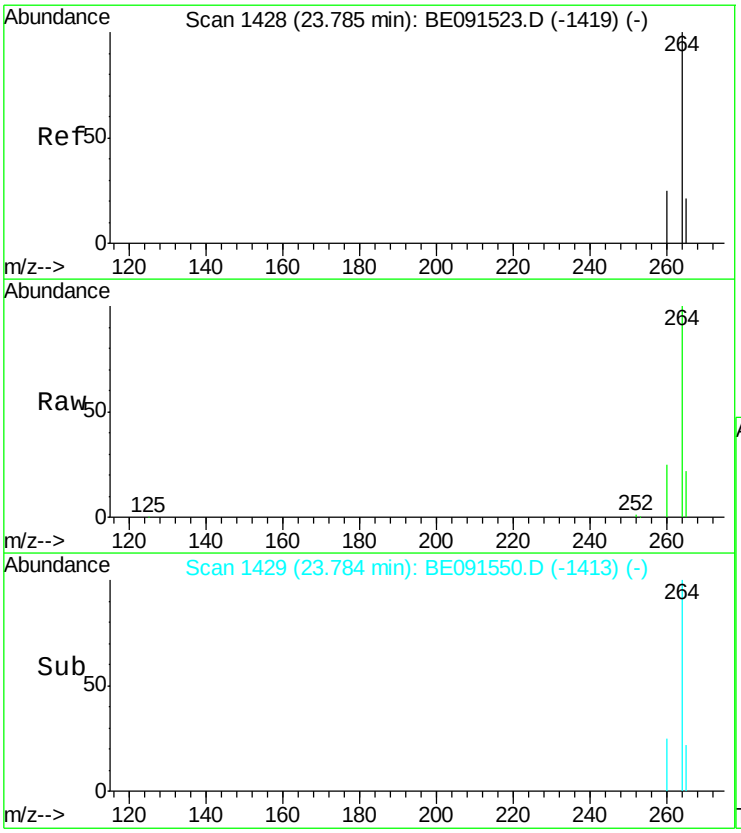
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.46 ng
RT: 26.35 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:276 Resp: 124737

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.2	30.4
277	24.4	19.8	29.8

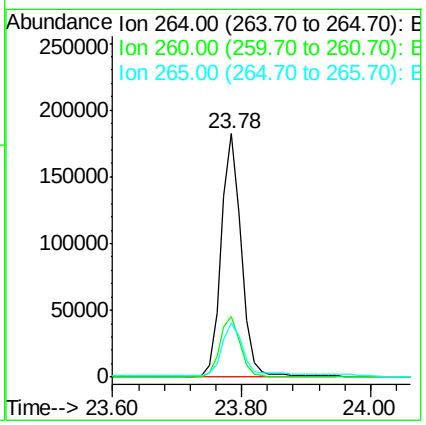


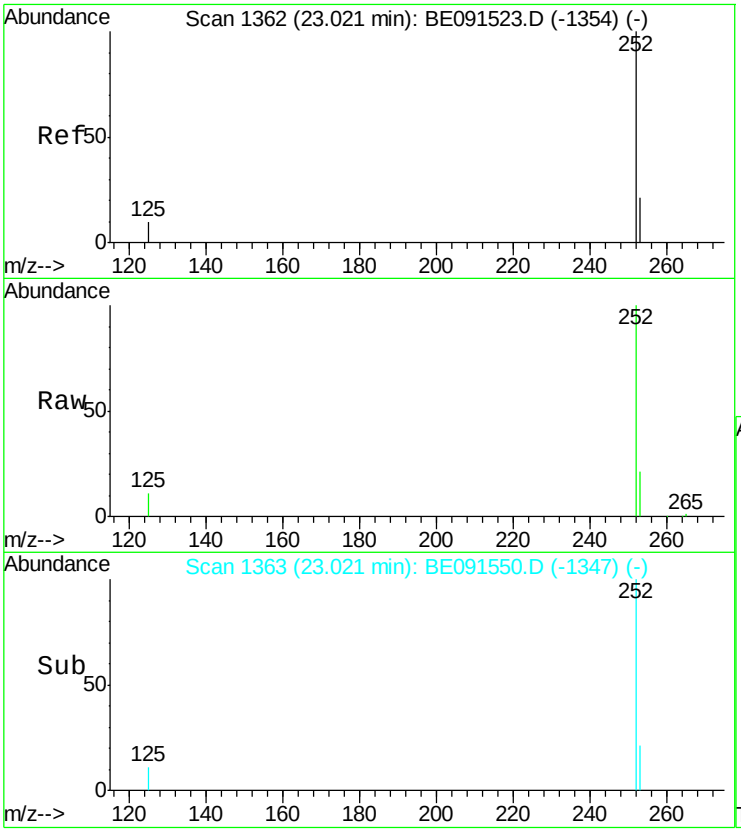


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:264 Resp: 393486

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.1	18.3	27.5



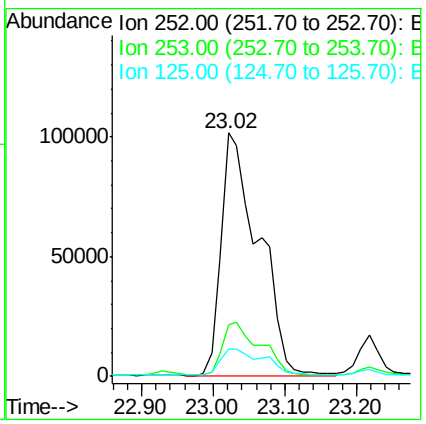


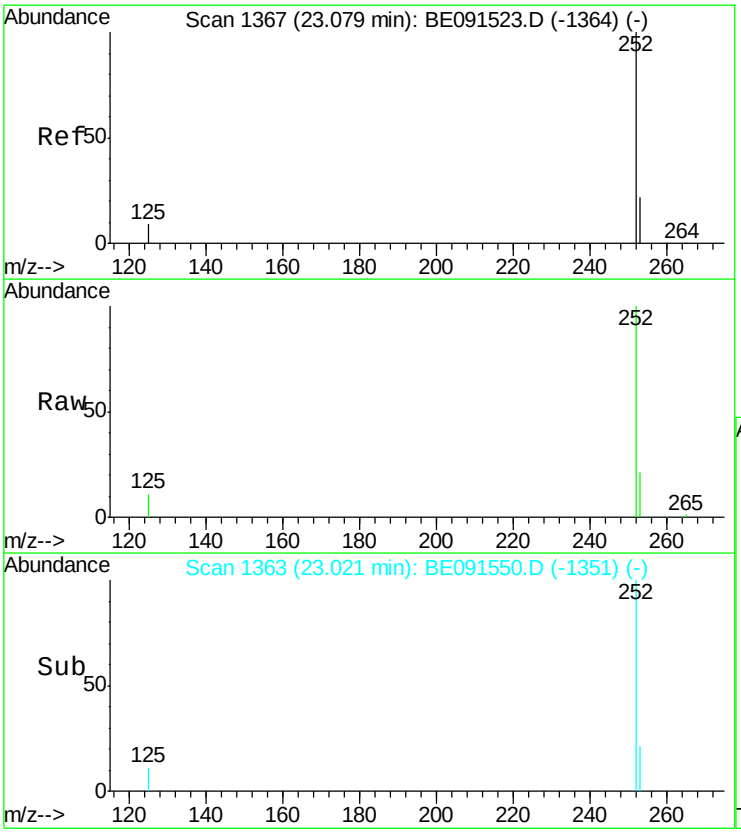
#29
Benzo(b)fluoranthene
Concen: 4.21 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:252 Resp: 367641

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.7	28.1
125	11.4	9.8	14.6

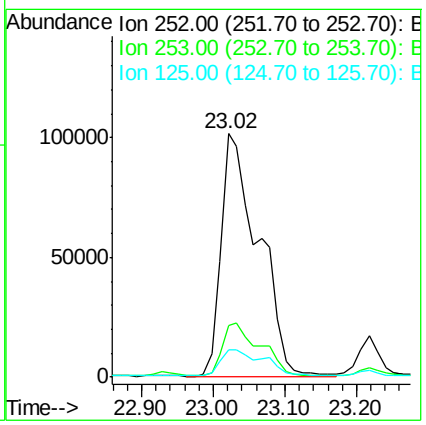


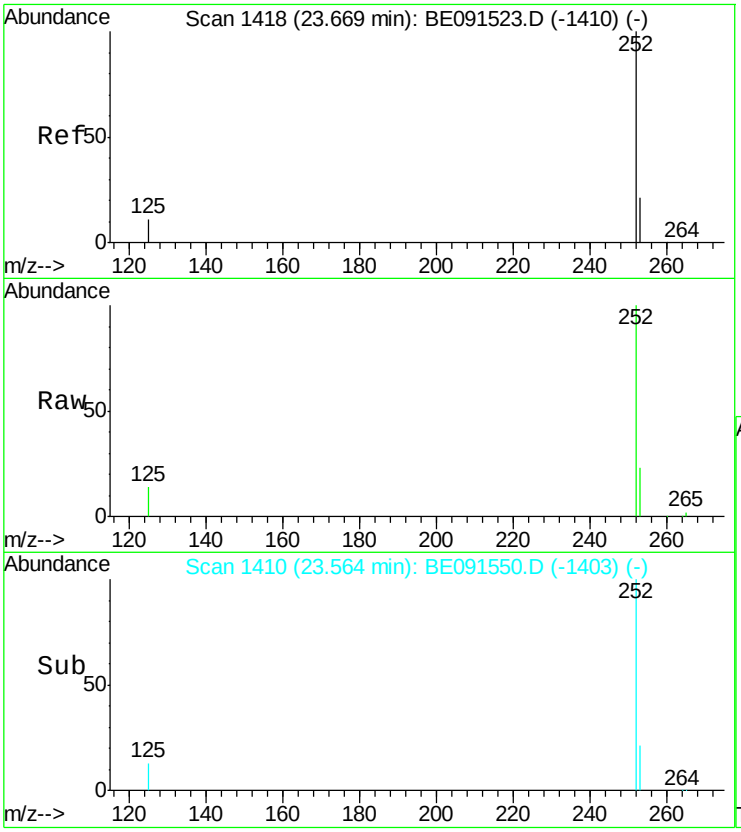


#30
Benzo(k)fluoranthene
Concen: 4.22 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.06 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:252 Resp: 367641

Ion	Ratio	Lower	Upper
252	100		
253	21.2	20.2	30.4
125	11.4	9.4	14.2



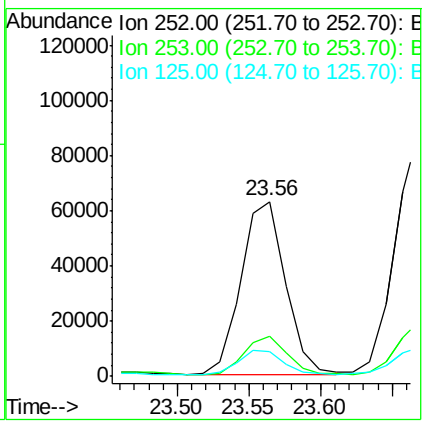


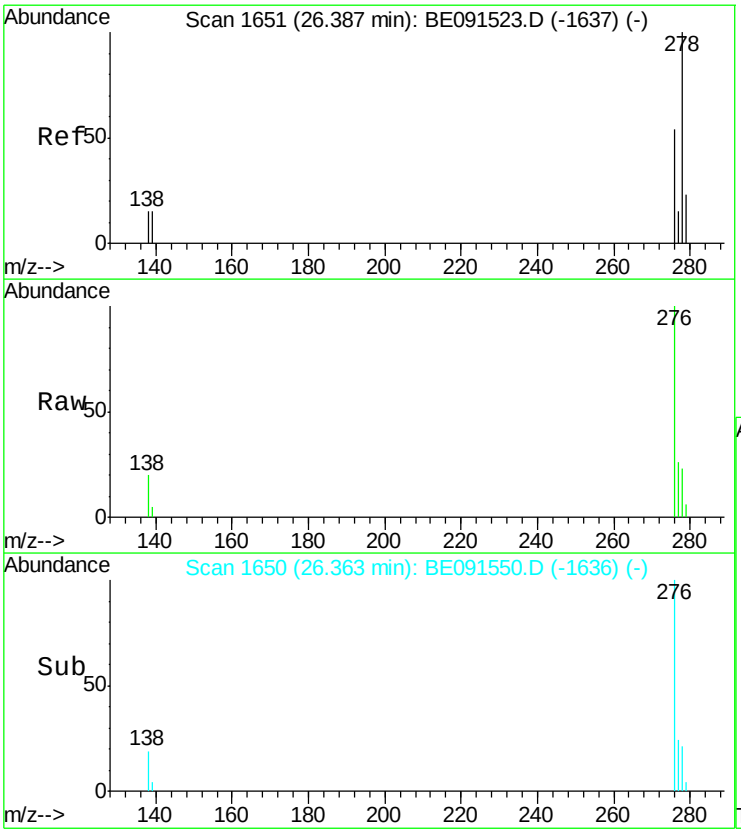
#31
Benzo(a)pyrene
Concen: 1.67 ng
RT: 23.56 min Scan# 1410
Delta R.T. -0.11 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:252 Resp: 134793

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.0
125	14.2	11.4	17.2

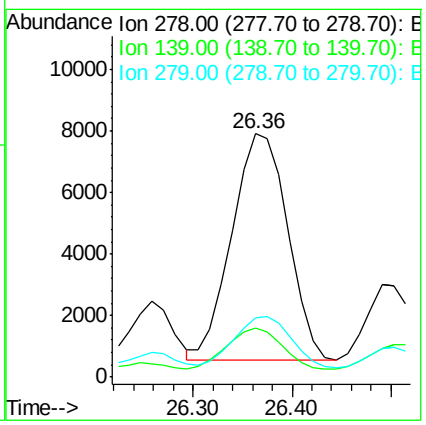


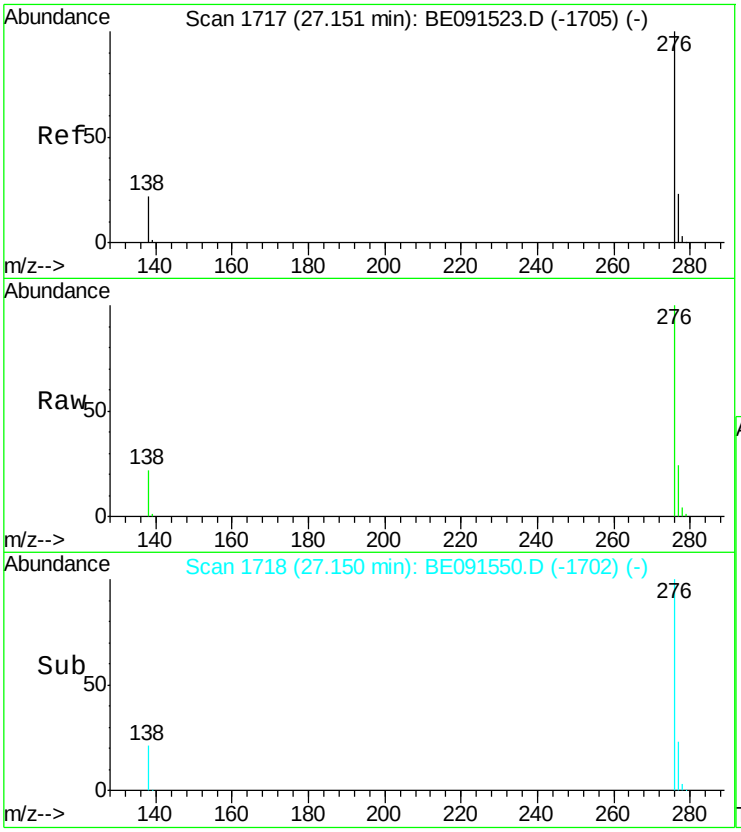


#32
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.36 min Scan# 1650
Delta R.T. -0.03 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Tgt Ion:278 Resp: 28768

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.2	21.4
279	24.6	19.6	29.4





#33
Benzo(g,h,i)perylene
Concen: 1.60 ng
RT: 27.15 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BE091550.D
Acq: 28 Mar 2016 22:52

Instrument :
BNA_E
ClientSampleId :
SB-6A

Tgt Ion:276 Resp: 129492

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	21.8	18.2	27.4