Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091548.D
Acq On : 28 Mar 2016 21:38
Operator : UM/SJ
Sample : H1855-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-4

Quant Time: Mar 29 01:07:47 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	42204	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	214610	5.00	ng		0.00
10) Acenaphthene-d10	14.43	164	134328	5.00	ng		-0.01
16) Phenanthrene-d10	17.17	188	330472	5.00	ng		0.00
22) Chrysene-d12	21.34	240	354766	5.00	ng		0.00
28) Perylene-d12	23.78	264	371184	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	64165	7.80	ng		-0.01
5) Phenol-d6	6.97	99	100322	8.93	ng		-0.02
7) Nitrobenzene-d5	8.97	82	37972	4.07	ng		-0.01
11) 2,4,6-Tribromophenol	15.91	330	26991	11.81	ng		-0.01
12) 2-Fluorobiphenyl	13.06	172	139397	3.68	ng		-0.01
24) Terphenyl-d14	19.78	244	228883	3.92	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.64	42	110	0.11	ng	#	11
8) Naphthalene	10.63	128	4017	0.09	ng	#	92
9) 2-Methylnaphthalene	12.25	142	1680	0.06	ng	#	83
13) Acenaphthylene	14.15	152	15353	0.33	ng		98
14) Acenaphthene	14.49	154	3015	0.09	ng	#	89
15) Fluorene	15.47	166	5069	0.12	ng	#	93
18) Pentachlorophenol	16.81	266	1321	0.49	ng		96
19) Phenanthrene	17.21	178	143324	1.89	ng		99
20) Anthracene	17.30	178	25461	0.41	ng		98
21) Fluoranthene	19.21	202	325808	4.60	ng		99
23) Pyrene	19.57	202	334277	3.99	ng		96
25) Benzo(a)anthracene	21.36	228	320438	3.91	ng	#	94
26) Chrysene	21.36	228	320662	2.98	ng		93
27) Indeno(1,2,3-cd)pyrene	26.35	276	91875	1.10	ng		95
29) Benzo(b)fluoranthene	23.02	252	281553	3.41	ng		97
30) Benzo(k)fluoranthene	23.02	252	281553	3.43	ng		94
31) Benzo(a)pyrene	23.56	252	105228	1.42	ng		98
32) Dibenzo(a,h)anthracene	26.36	278	21840	0.30	ng		97
33) Benzo(g,h,i)perylene	27.15	276	96126	1.26	ng		98

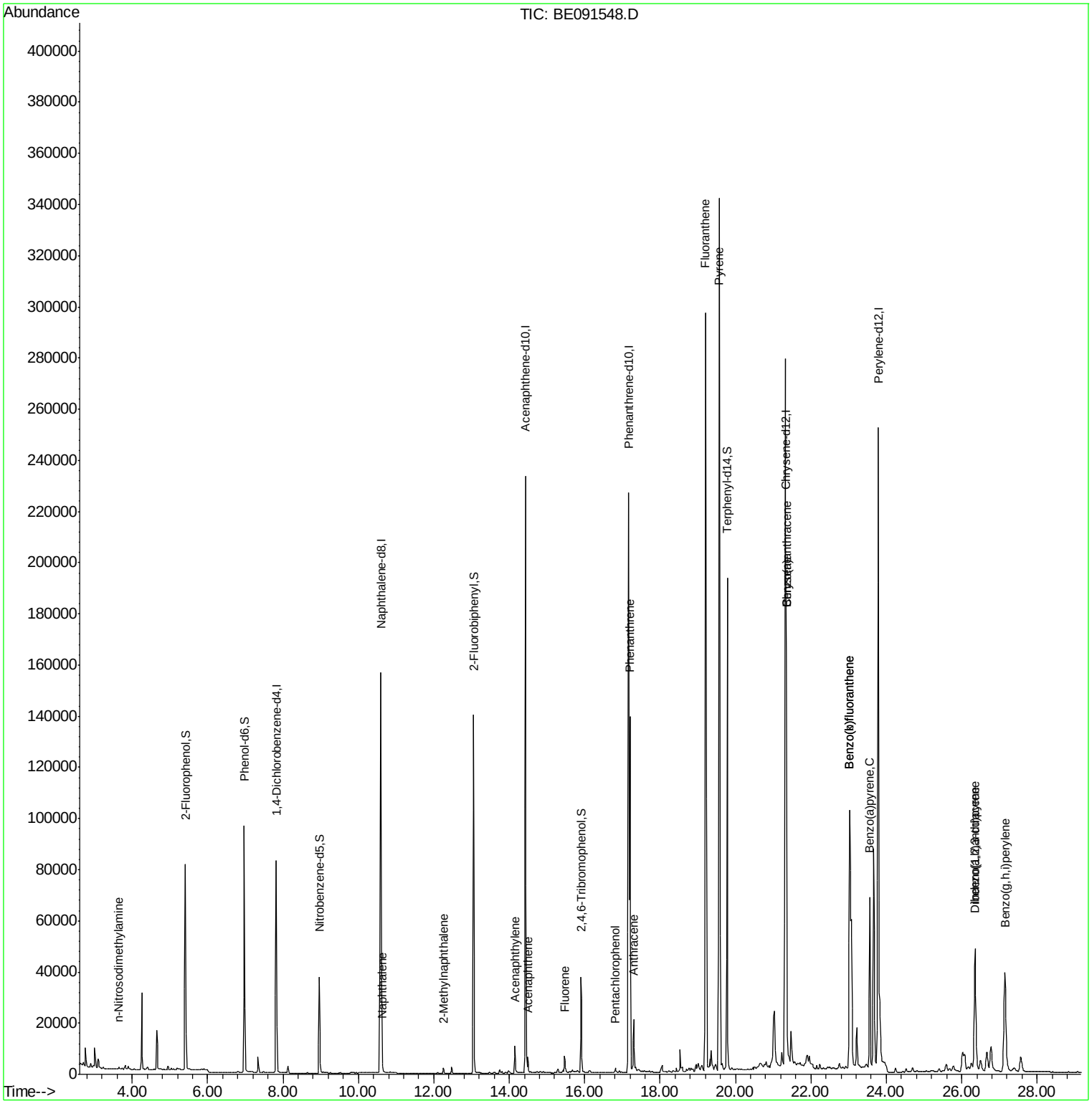
(#) = qualifier out of range (m) = manual integration (+) = signals summed

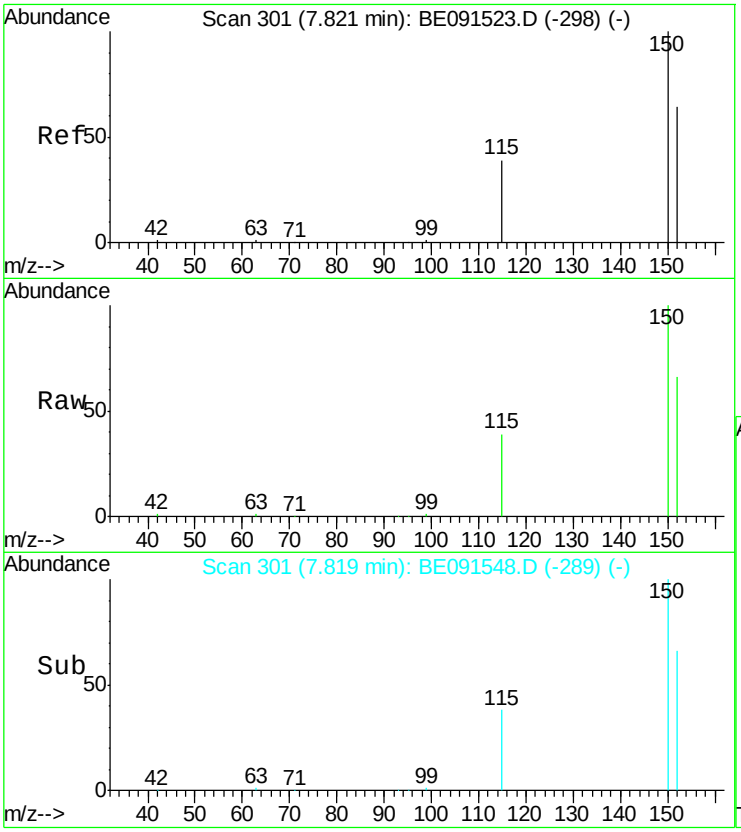
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091548.D
Acq On : 28 Mar 2016 21:38
Operator : UM/SJ
Sample : H1855-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-4

Quant Time: Mar 29 01:07:47 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



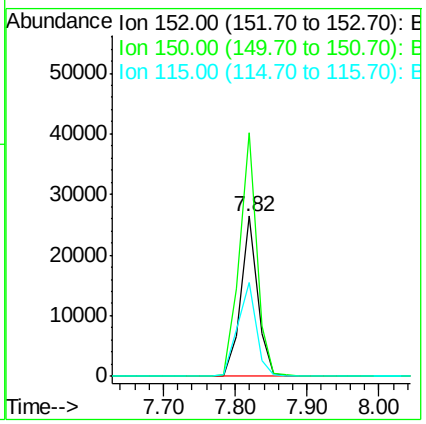


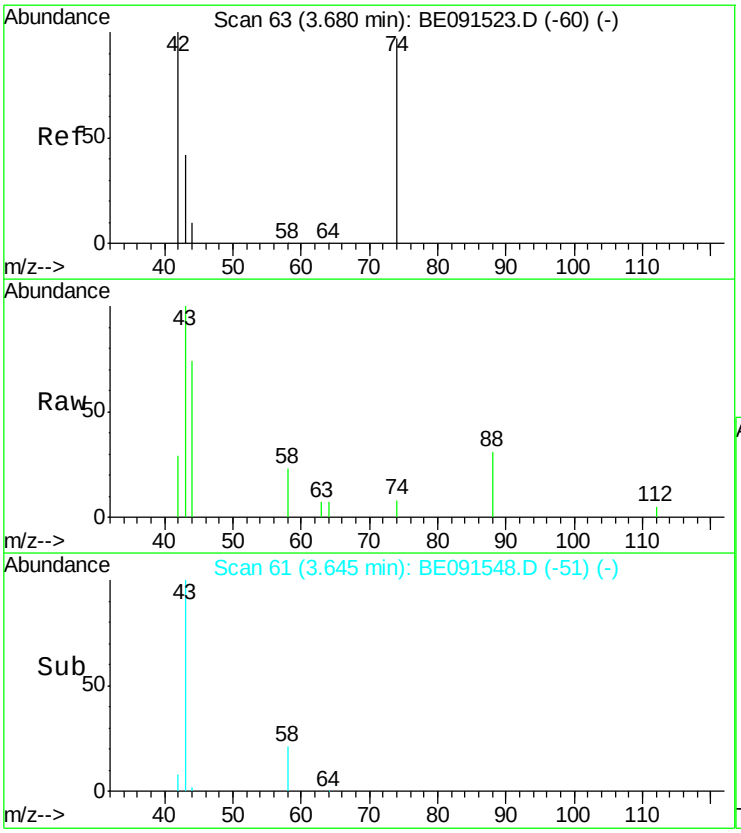
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:152 Resp: 42204

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.2	183.2
115	58.6	45.9	68.9

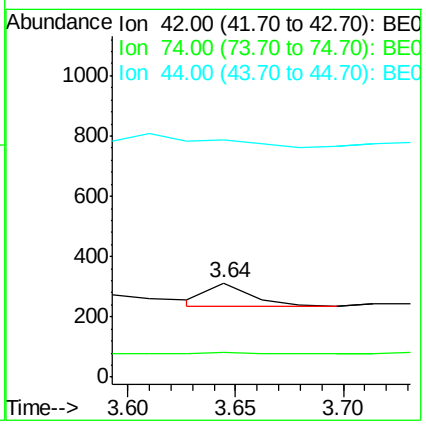


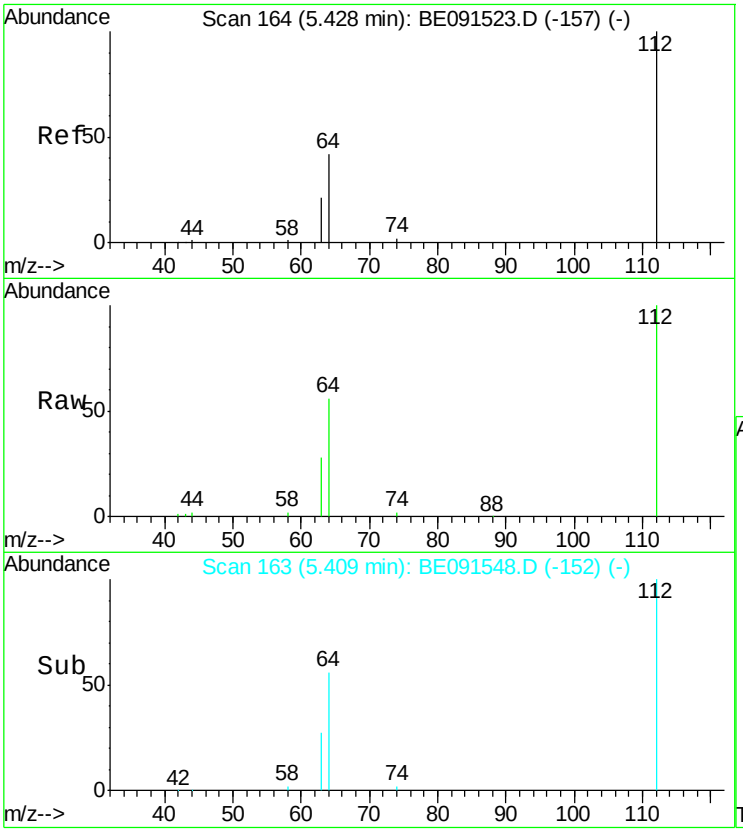


#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion: 42 Resp: 110

Ion	Ratio	Lower	Upper
42	100		
74	8.2	84.3	126.5#
44	0.0	6.7	10.1#



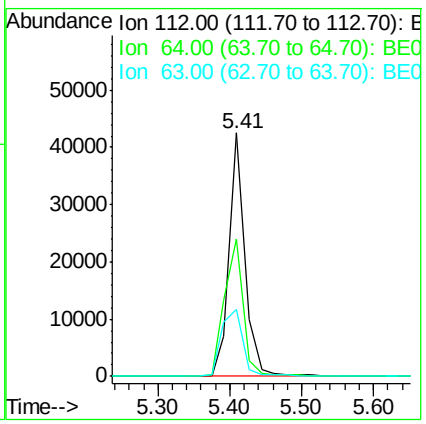


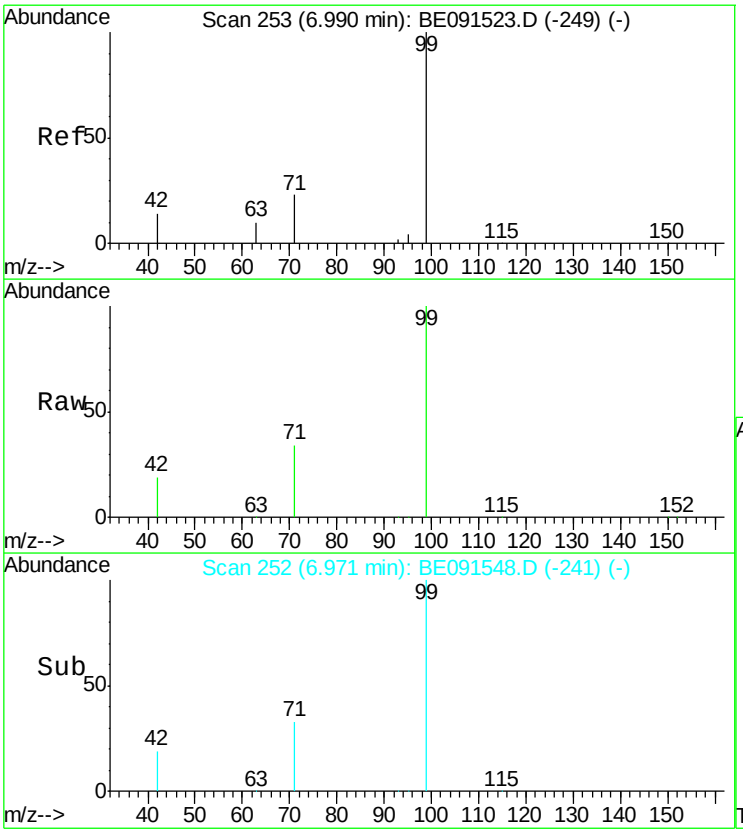
#4
2-Fluorophenol
Concen: 7.80 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:112 Resp: 64165

Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.3	79.9
63	37.3	29.8	44.8

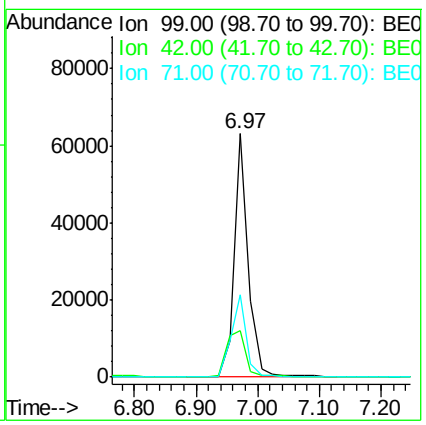


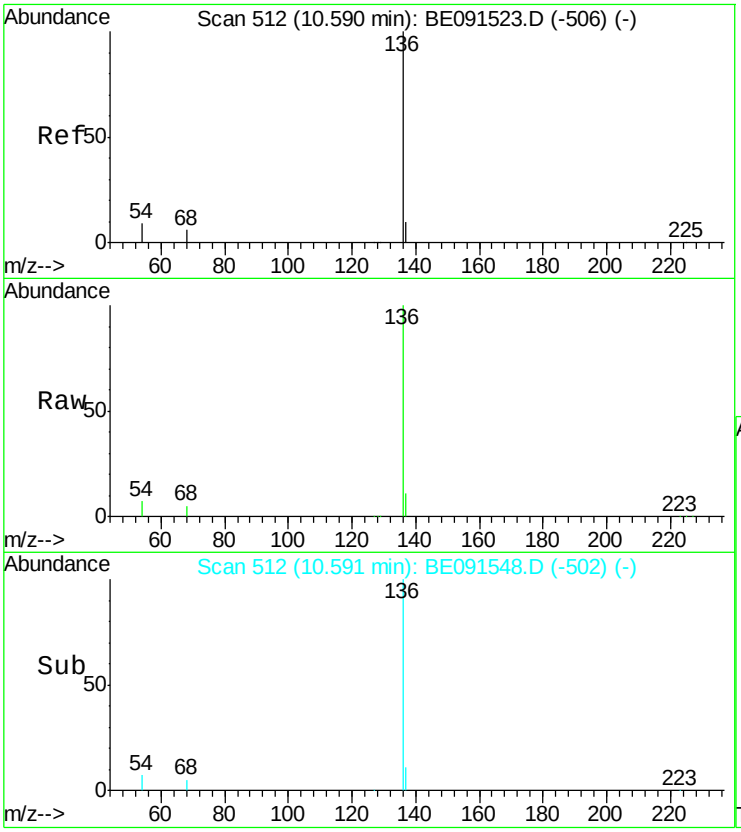


#5
Phenol-d6
Concen: 8.93 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion: 99 Resp: 100322

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.6	30.8
71	36.2	29.0	43.4



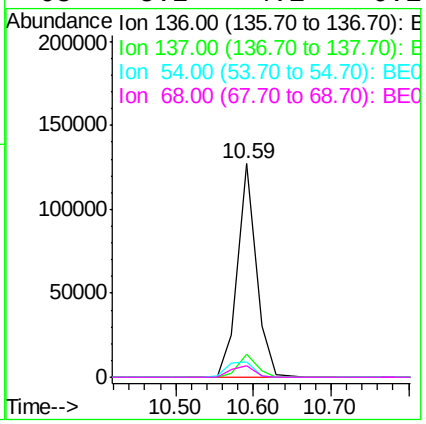


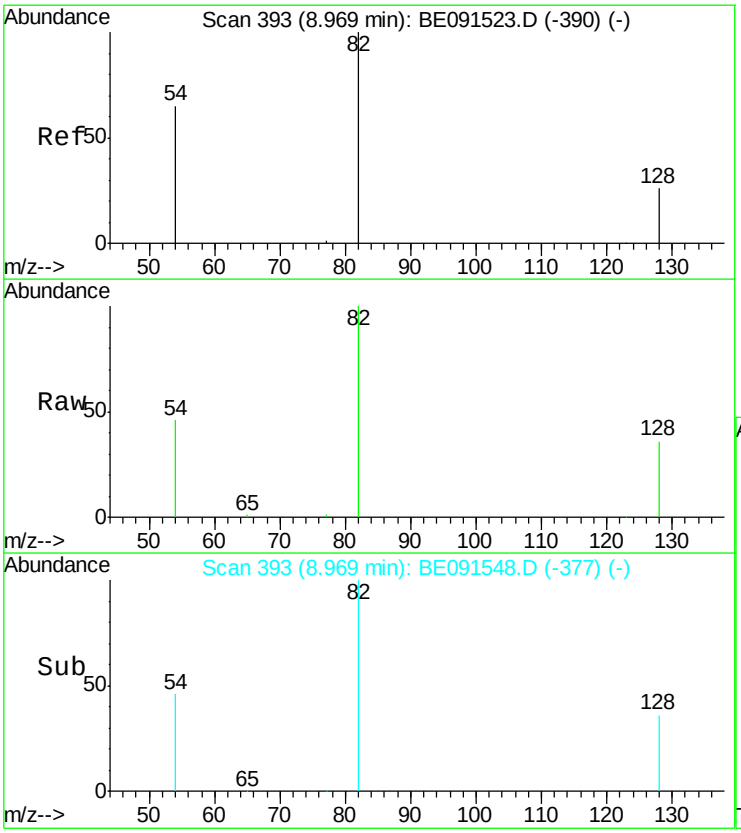
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:136 Resp: 214610

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.2	7.8
68	5.2	4.1	6.1

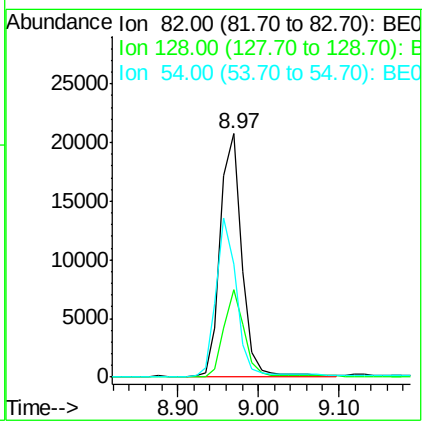


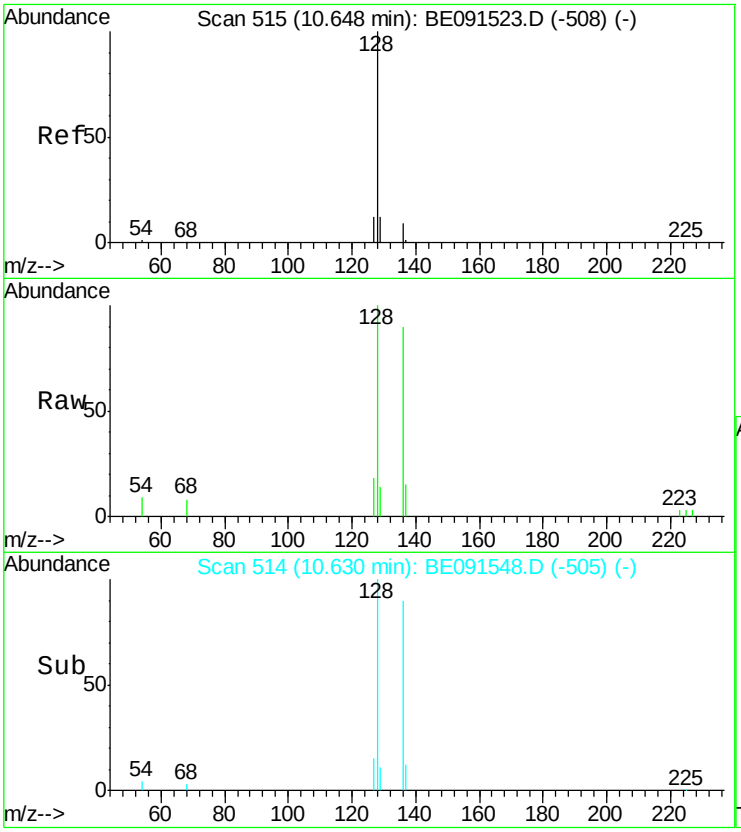


#7
Nitrobenzene-d5
Concen: 4.07 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion: 82 Resp: 37972

Ion	Ratio	Lower	Upper
82	100		
128	36.0	23.5	35.3#
54	46.4	52.4	78.6#



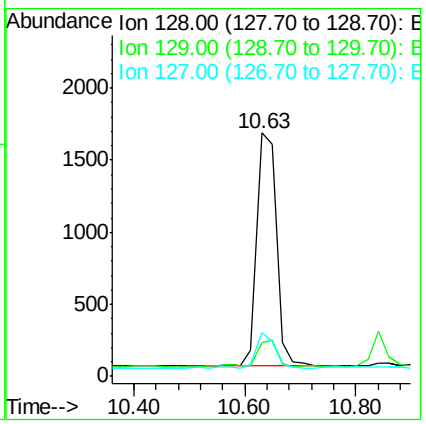


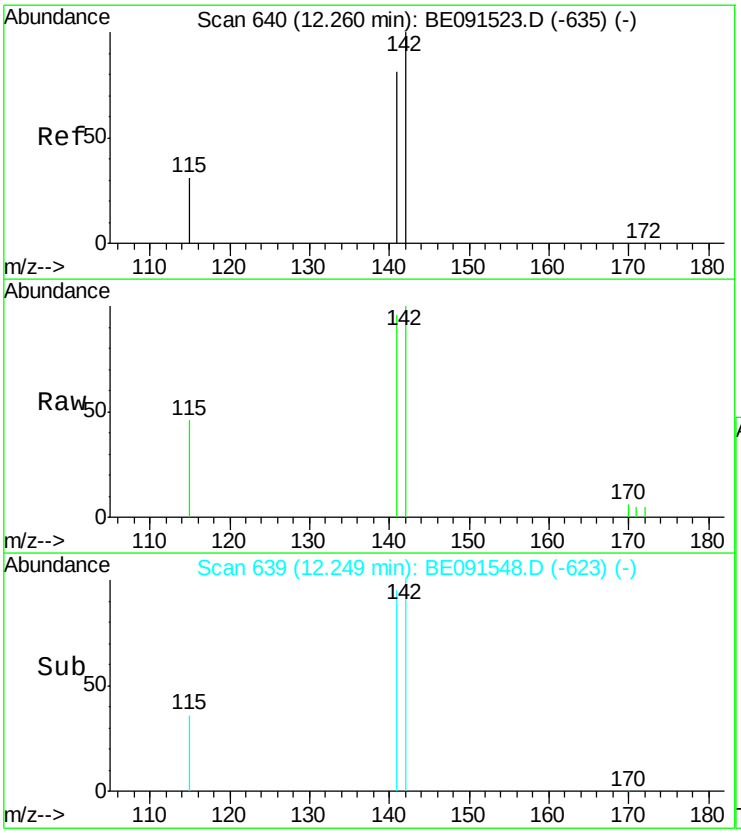
#8
Naphthalene
Concen: 0.09 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:128 Resp: 4017

Ion	Ratio	Lower	Upper
128	100		
129	13.8	8.2	12.2#
127	17.9	11.8	17.8#

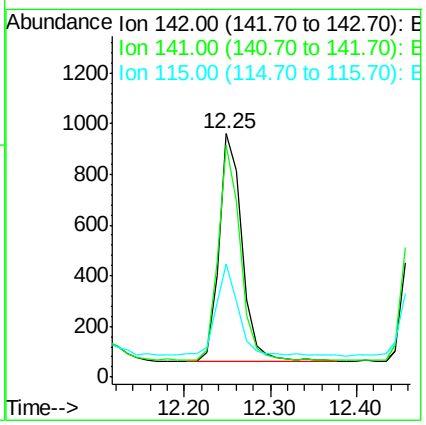


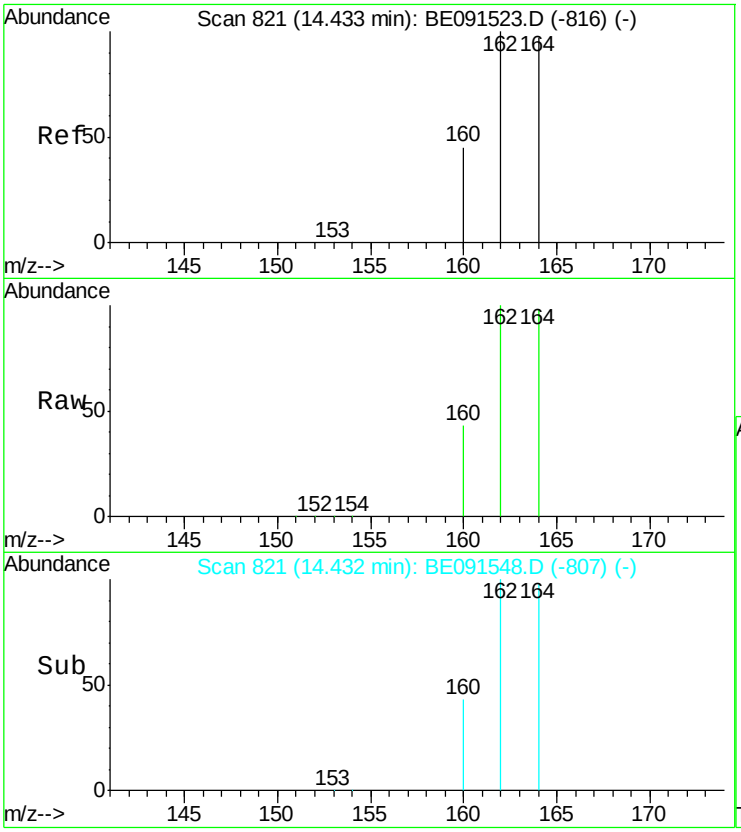


#9
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:142 Resp: 1680

Ion	Ratio	Lower	Upper
142	100		
141	95.5	66.9	100.3
115	46.3	25.1	37.7#



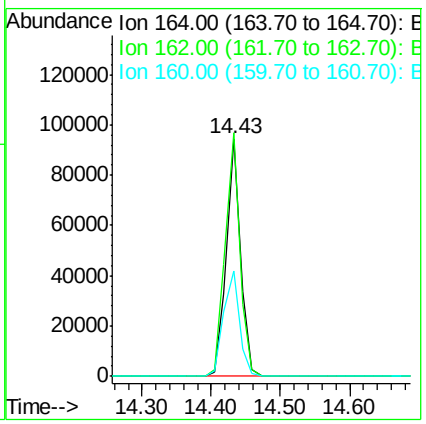


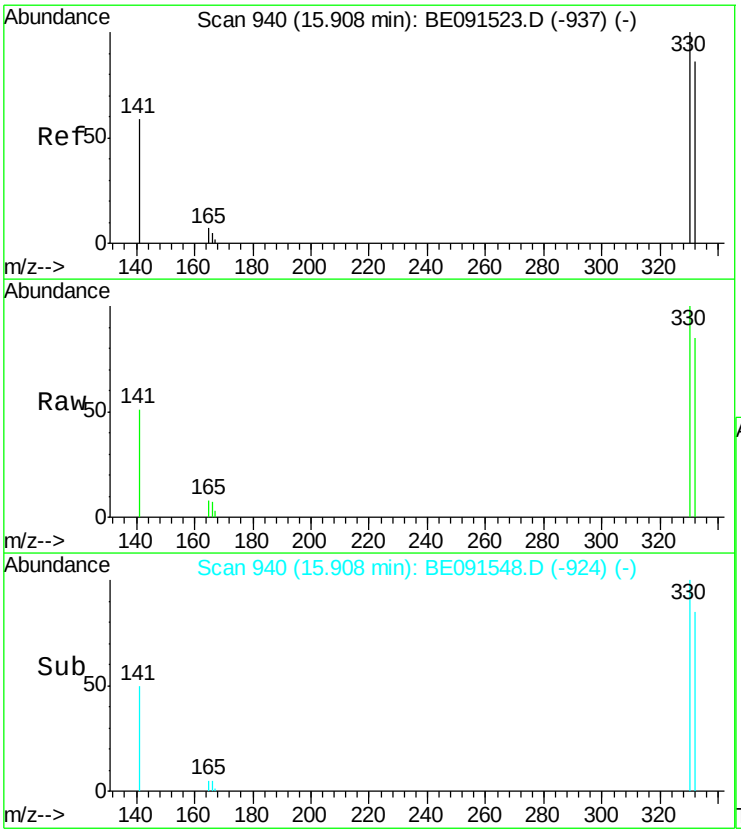
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:164 Resp: 134328

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.4	126.6
160	44.1	37.7	56.5

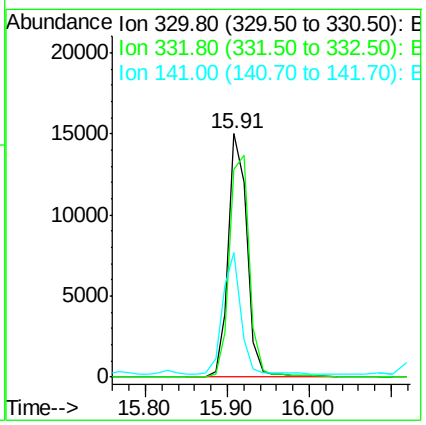


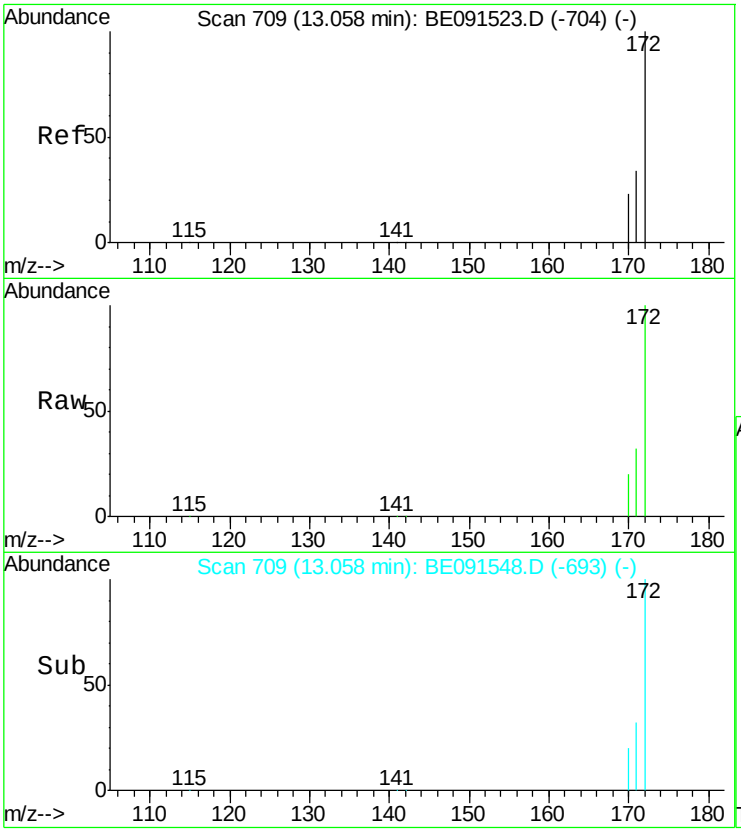


#11
2,4,6-Tribromophenol
Concen: 11.81 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:330 Resp: 26991

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.2	118.8
141	48.8	28.1	42.1#



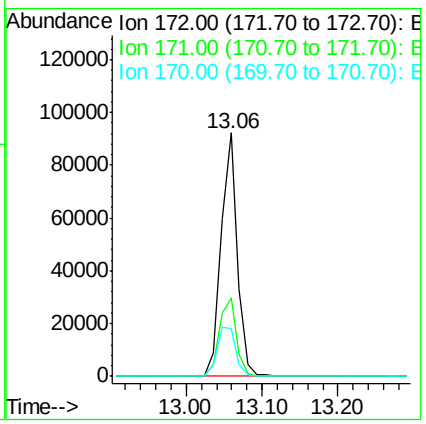


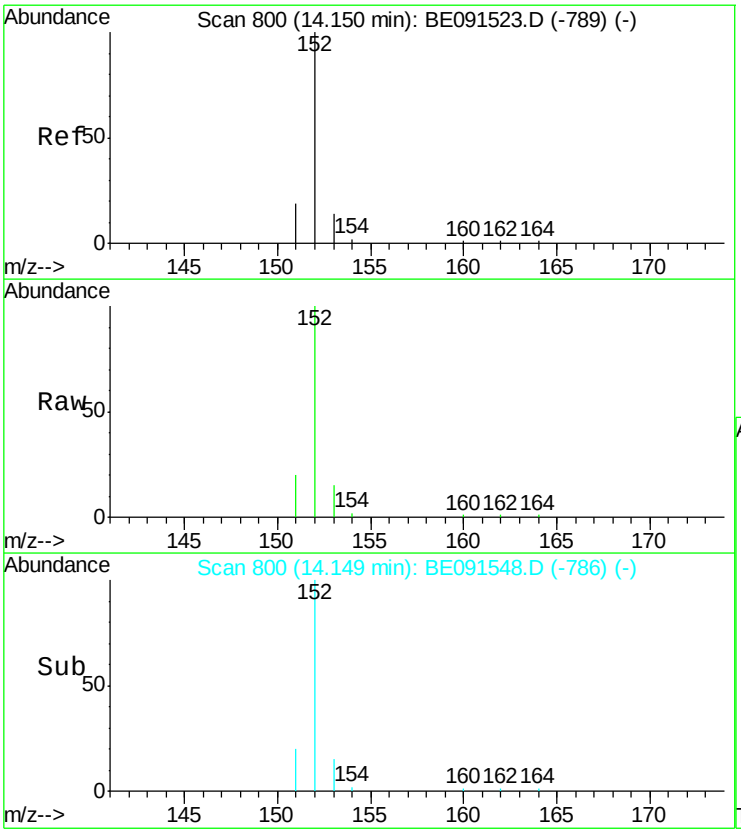
#12
2-Fluorobiphenyl
Concen: 3.68 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:172 Resp: 139397

Ion	Ratio	Lower	Upper
172	100		
171	32.1	29.8	44.8
170	19.8	21.4	32.2#

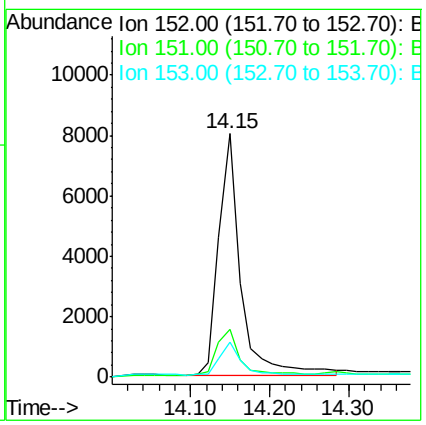


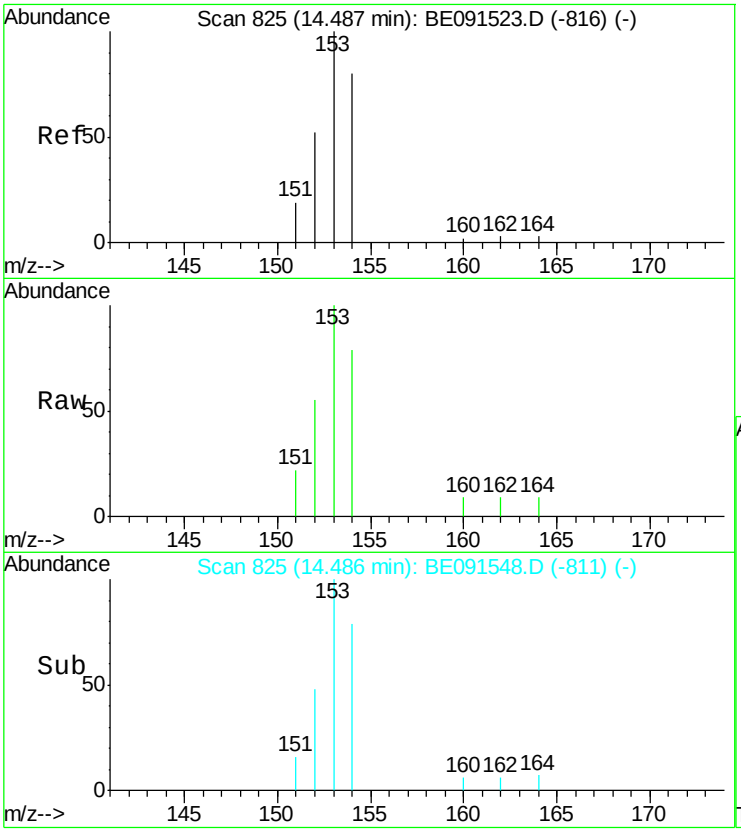


#13
Acenaphthylene
Concen: 0.33 ng
RT: 14.15 min Scan# 800
Delta R.T. 0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:152 Resp: 15353

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	15.0	11.1	16.7



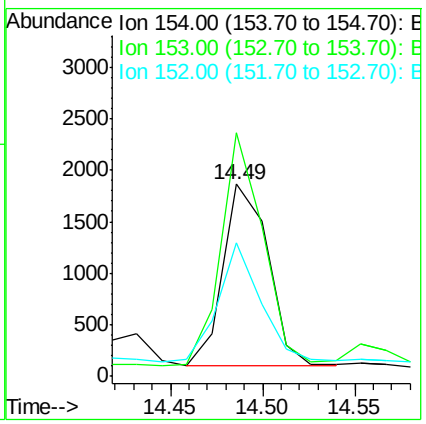


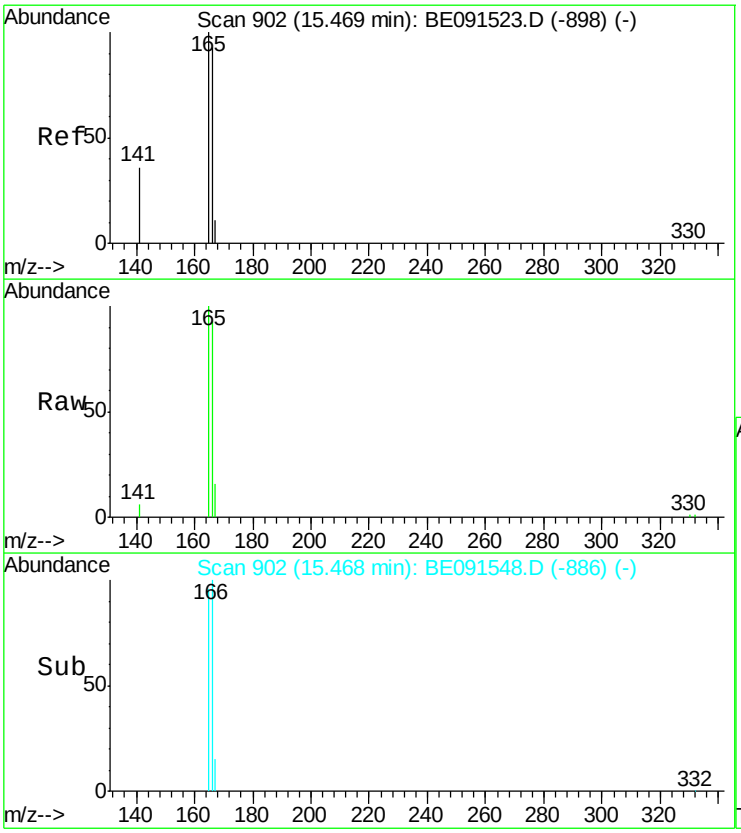
#14
Acenaphthene
Concen: 0.09 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:154 Resp: 3015

Ion	Ratio	Lower	Upper
154	100		
153	118.9	87.3	130.9
152	64.8	42.9	64.3#

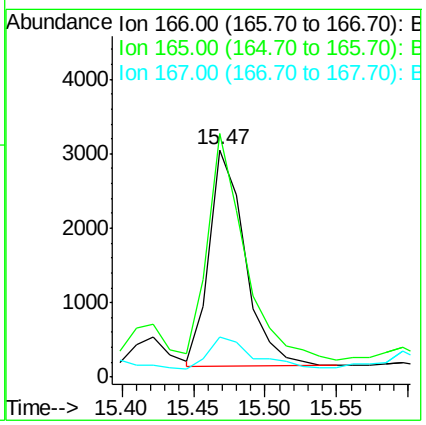


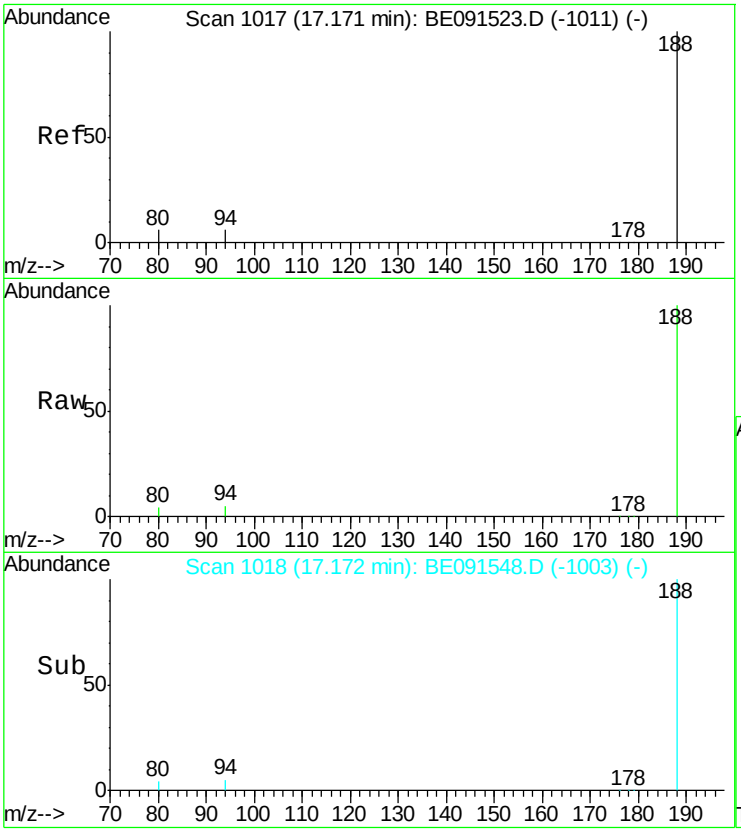


#15
Fluorene
Concen: 0.12 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:166 Resp: 5069

Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.2	118.8
167	17.3	10.8	16.2#



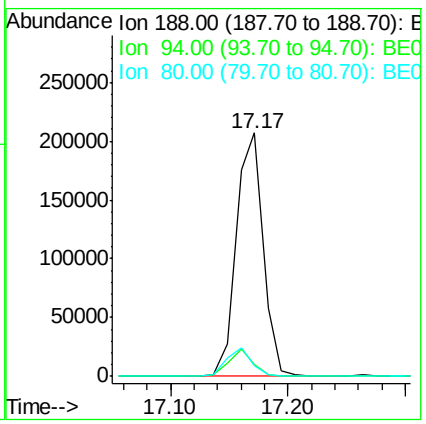


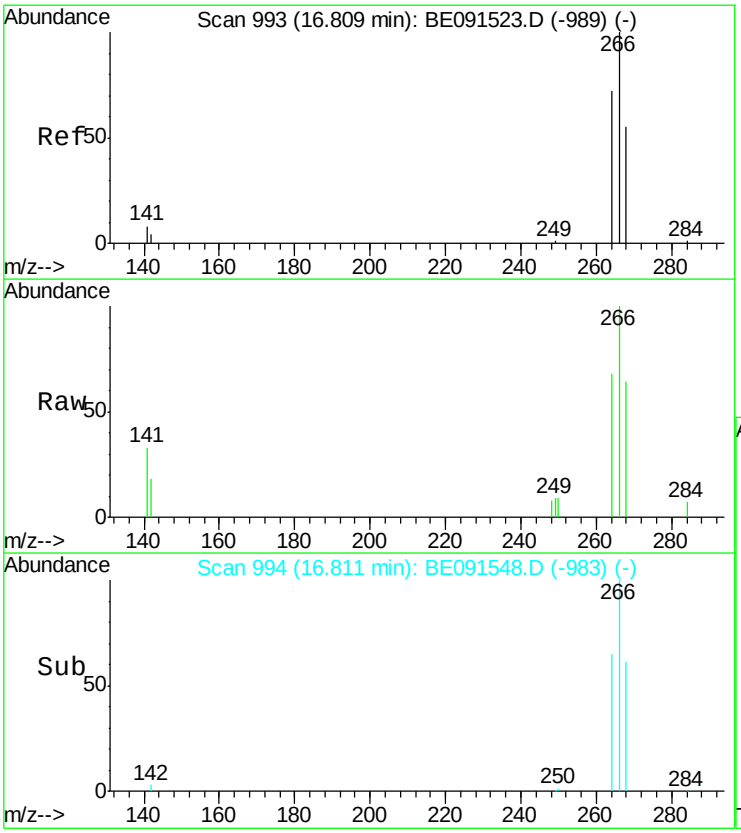
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:188 Resp: 330472

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.4	8.2#
80	4.3	5.0	7.4#

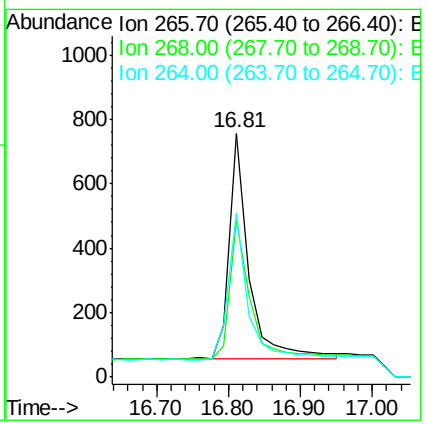


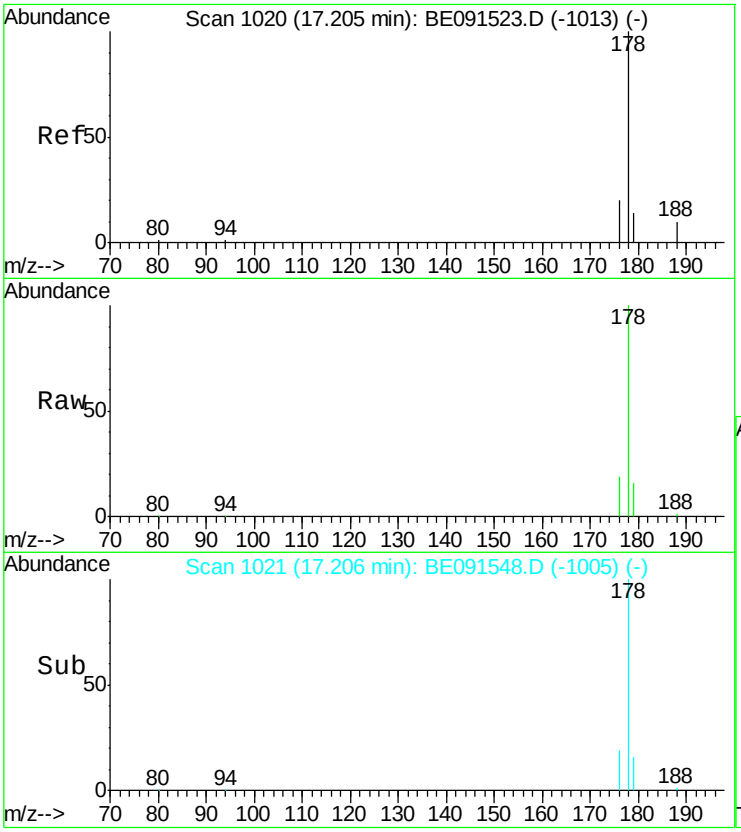


#18
Pentachlorophenol
Concen: 0.49 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:266 Resp: 1321

Ion	Ratio	Lower	Upper
266	100		
268	64.0	48.2	72.2
264	67.6	52.1	78.1



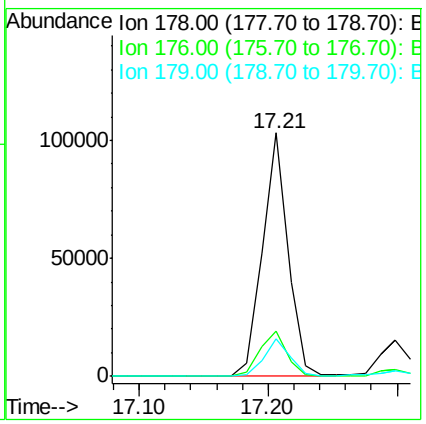


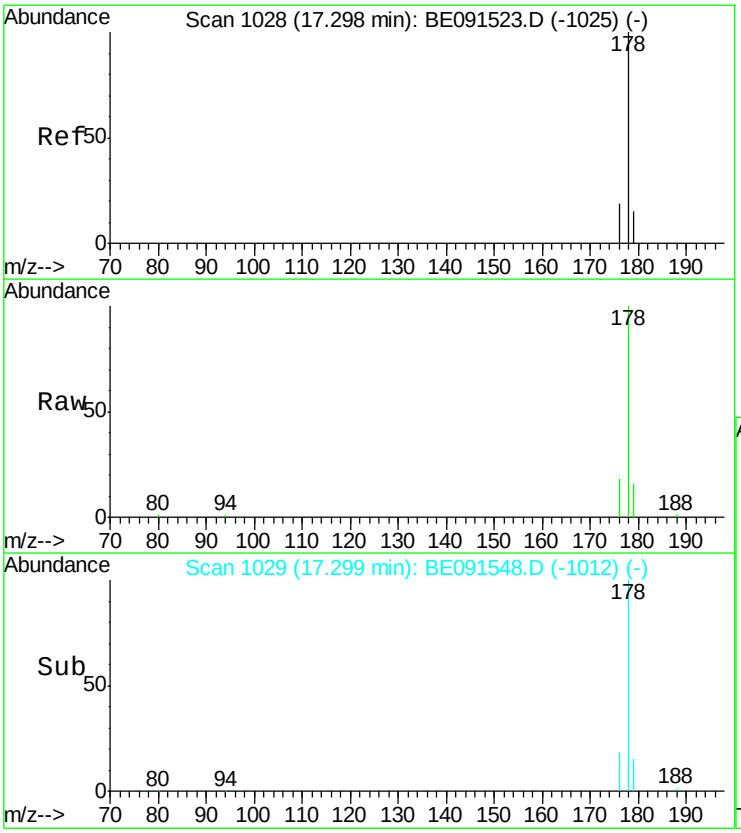
#19
Phenanthrene
Concen: 1.89 ng
RT: 17.21 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:178 Resp: 143324

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	13.1	19.7

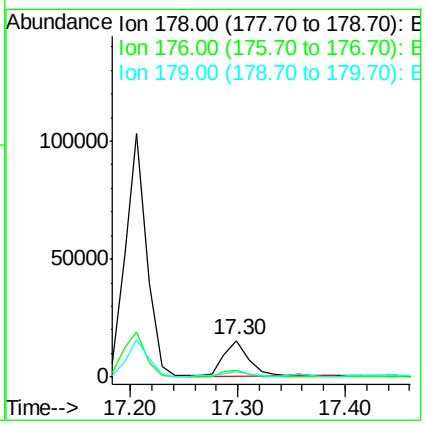


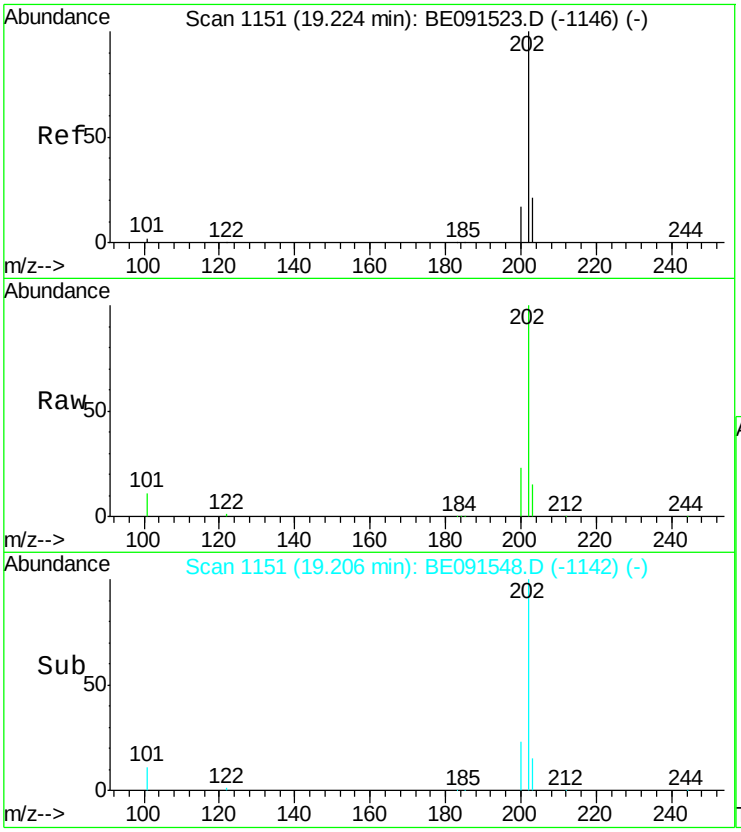


#20
Anthracene
Concen: 0.41 ng
RT: 17.30 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:178 Resp: 25461

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	13.4	12.2	18.4



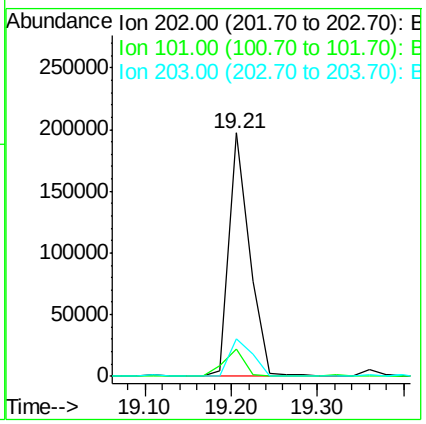


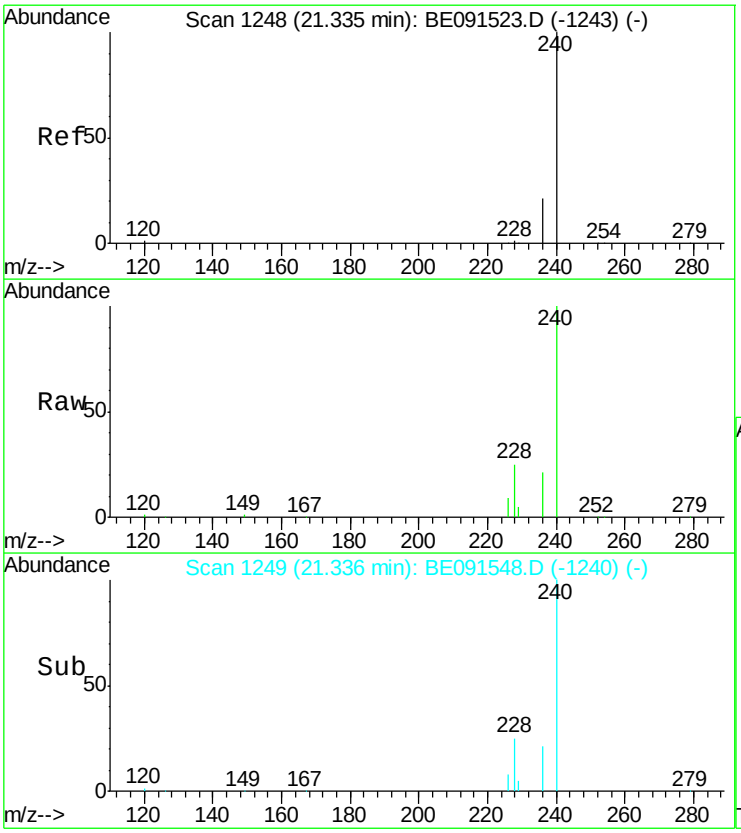
#21
Fluoranthene
Concen: 4.60 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:202 Resp: 325808

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.3	12.5
203	17.2	13.9	20.9

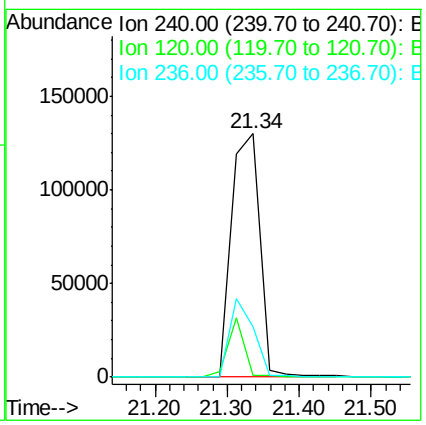


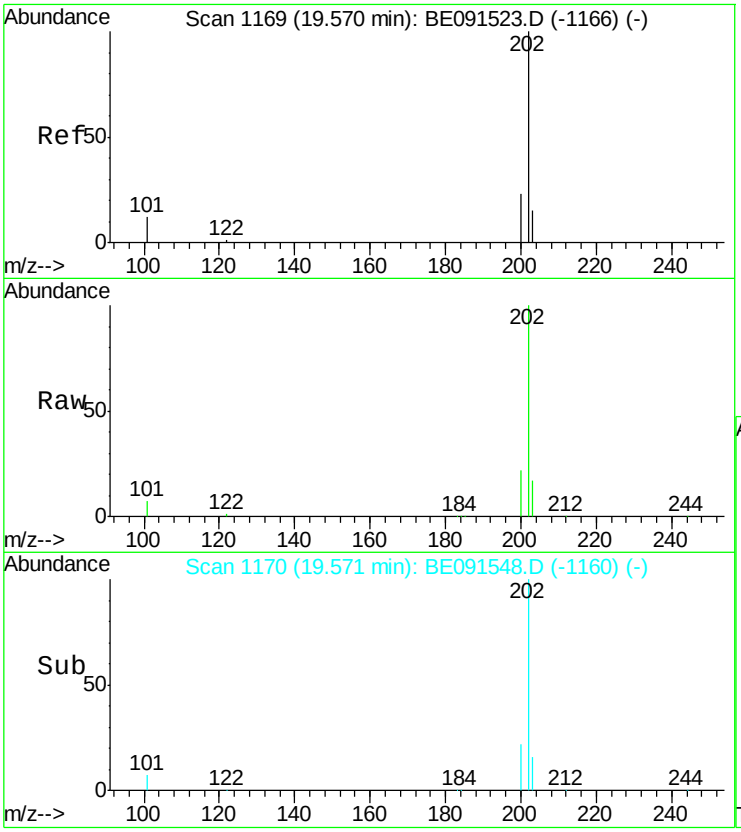


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:240 Resp: 354766

Ion	Ratio	Lower	Upper
240	100		
120	0.8	4.0	6.0#
236	20.7	23.0	34.4#



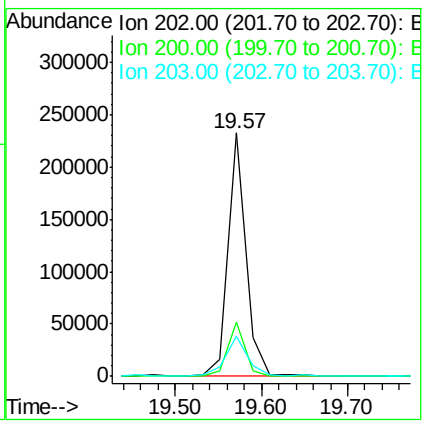


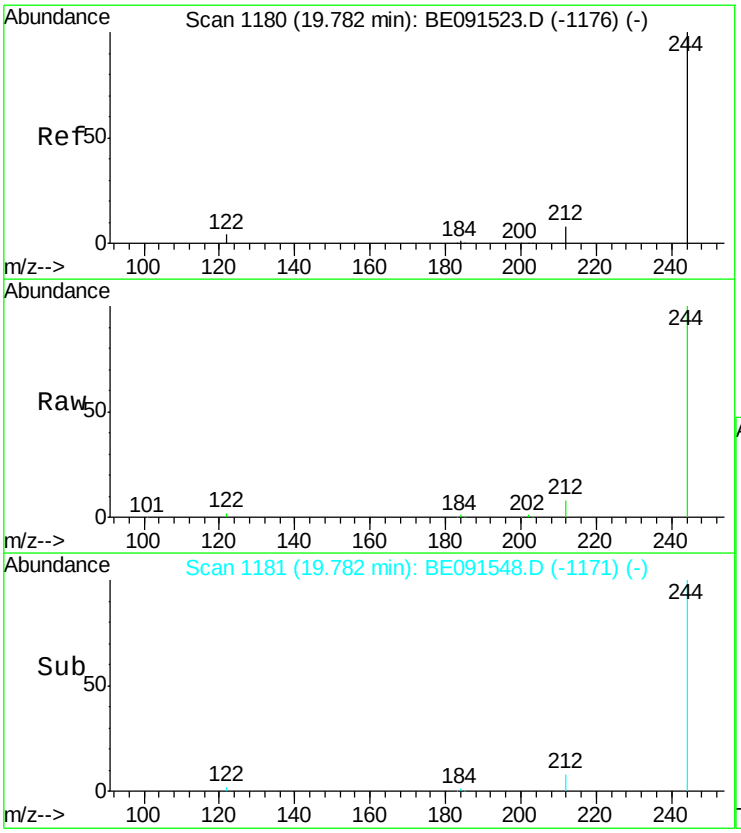
#23
Pyrene
Concen: 3.99 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:202 Resp: 334277

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.4	24.6
203	20.8	14.6	21.8

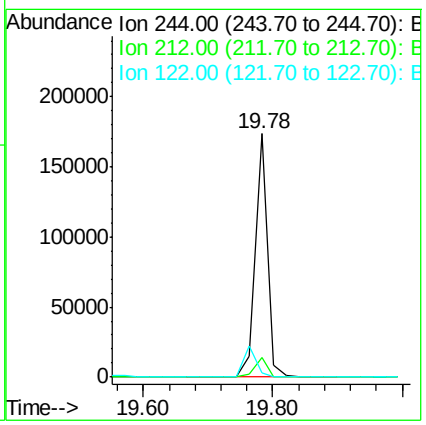


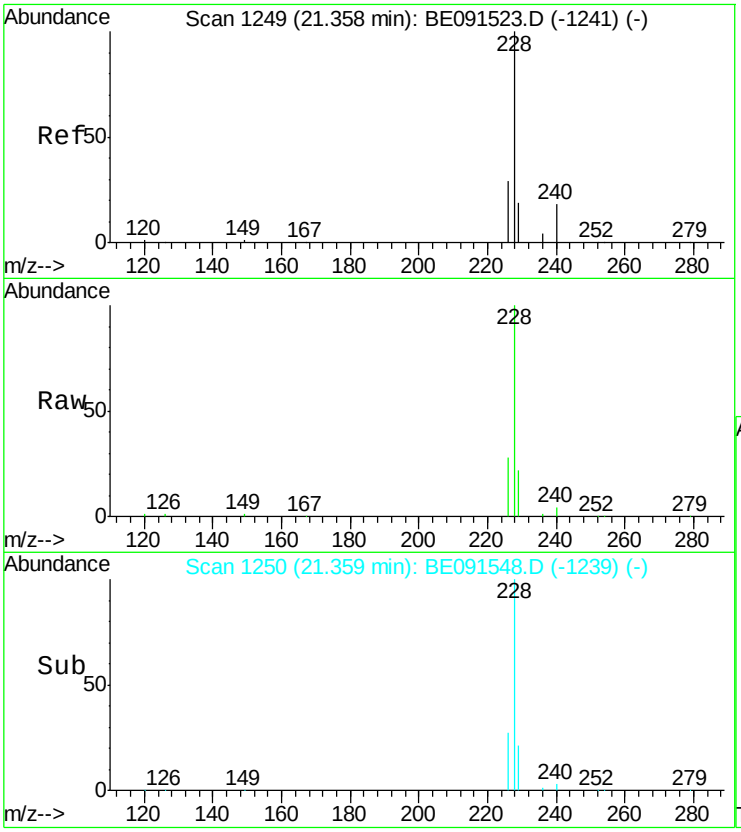


#24
Terphenyl-d14
Concen: 3.92 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:244 Resp: 228883

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	1.7	1.8	2.8#



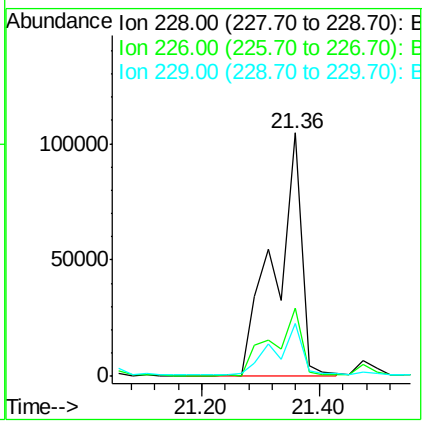


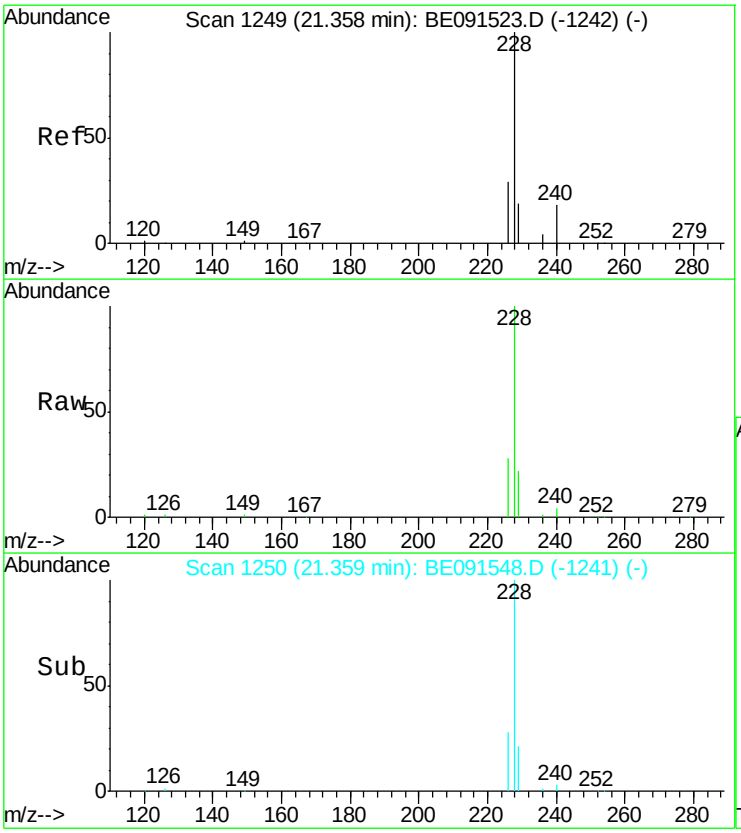
#25
Benzo(a)anthracene
Concen: 3.91 ng
RT: 21.36 min Scan# 1250
Delta R.T. 0.05 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:228 Resp: 320438

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	21.7	13.8	20.6#

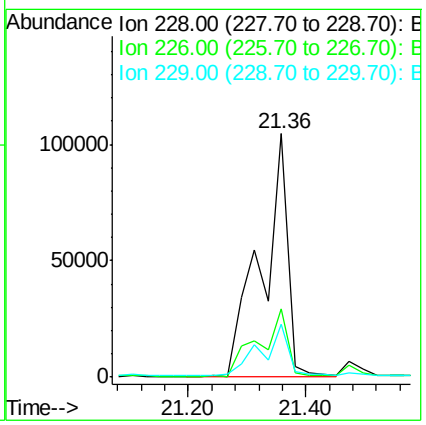


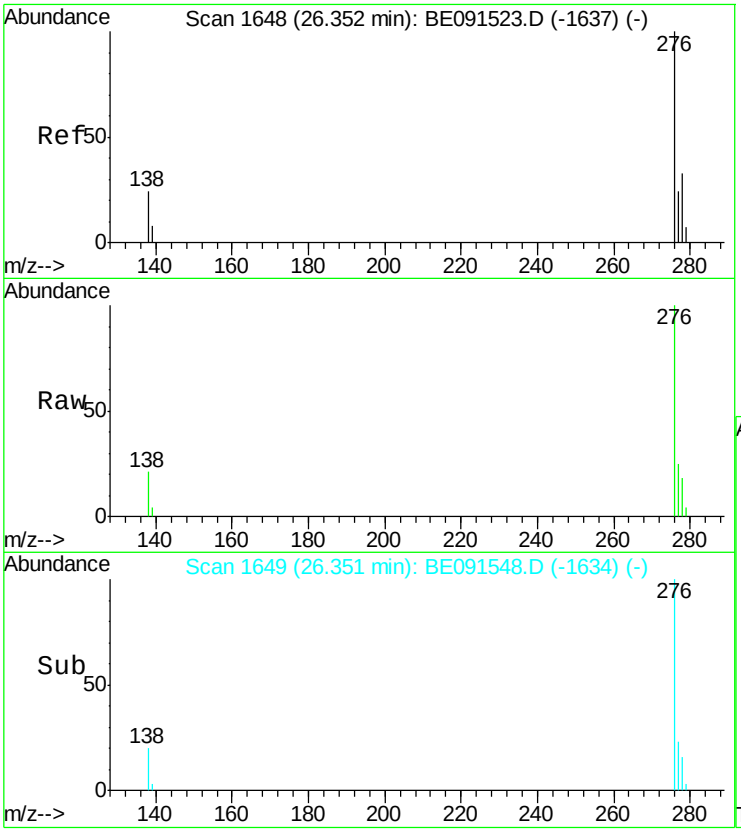


#26
Chrysene
Concen: 2.98 ng
RT: 21.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:228 Resp: 320662

Ion	Ratio	Lower	Upper
228	100		
226	28.0	18.9	28.3
229	21.7	19.1	28.7



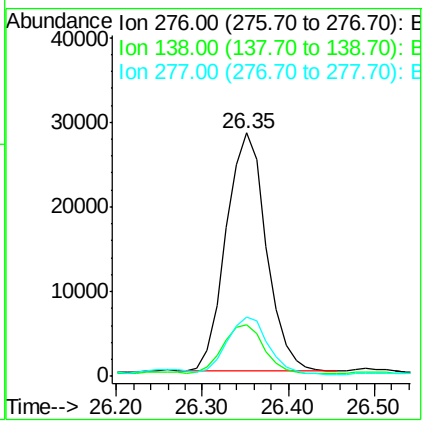


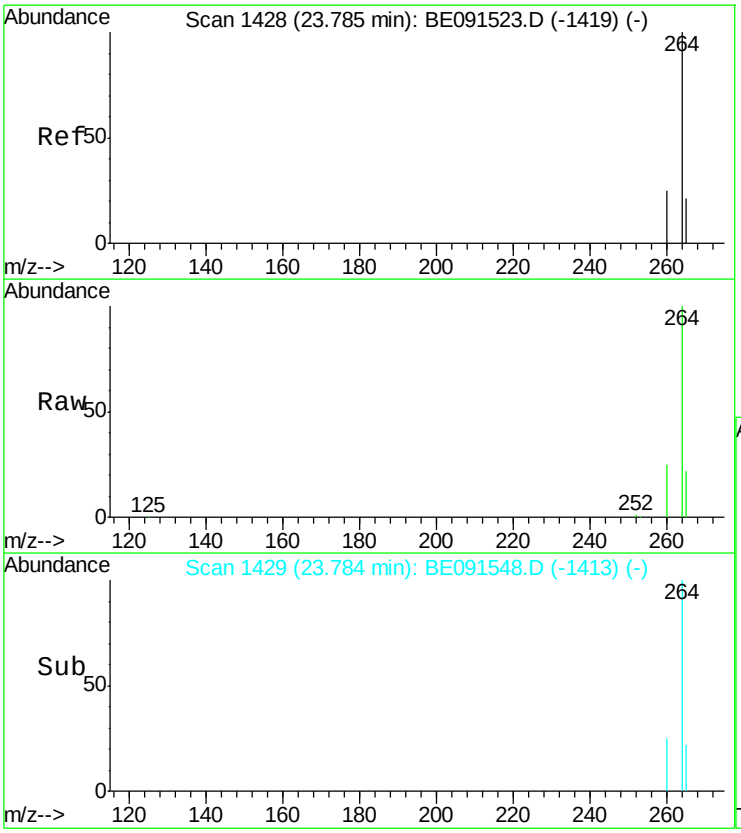
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.10 ng
RT: 26.35 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:276 Resp: 91875

Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.2	30.4
277	24.2	19.8	29.8

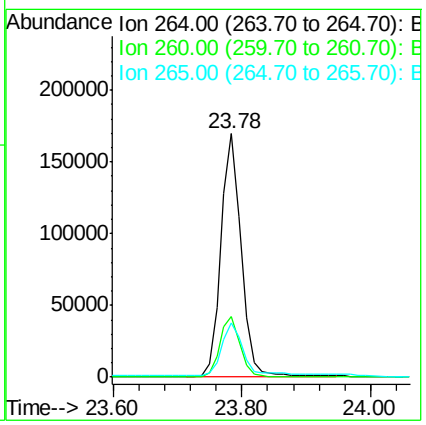


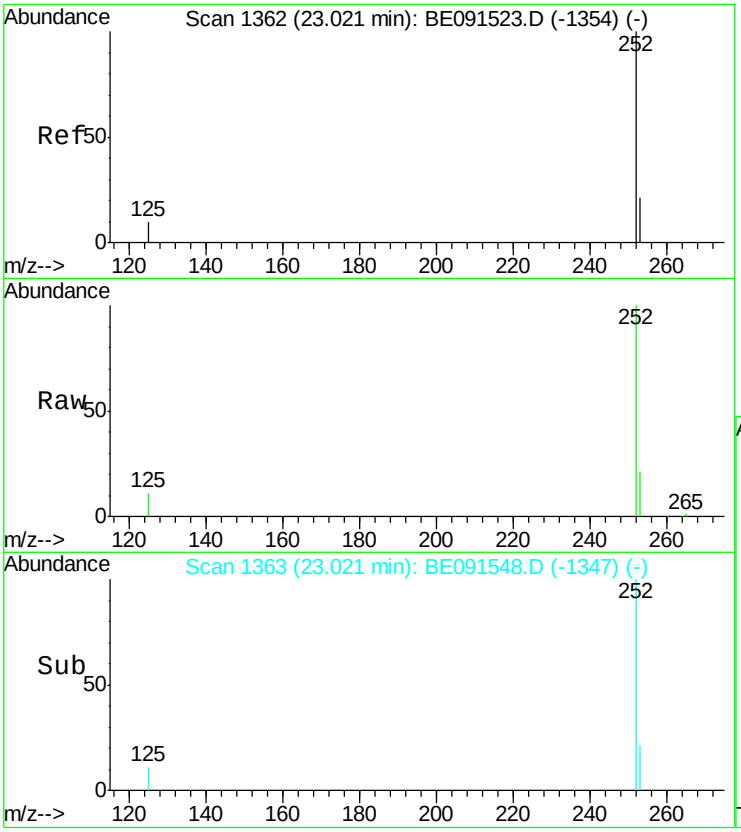


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:264 Resp: 371184

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.4	18.3	27.5



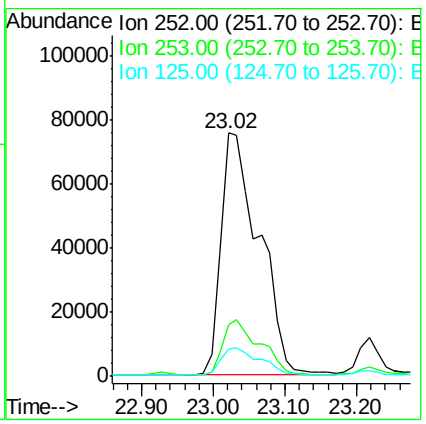


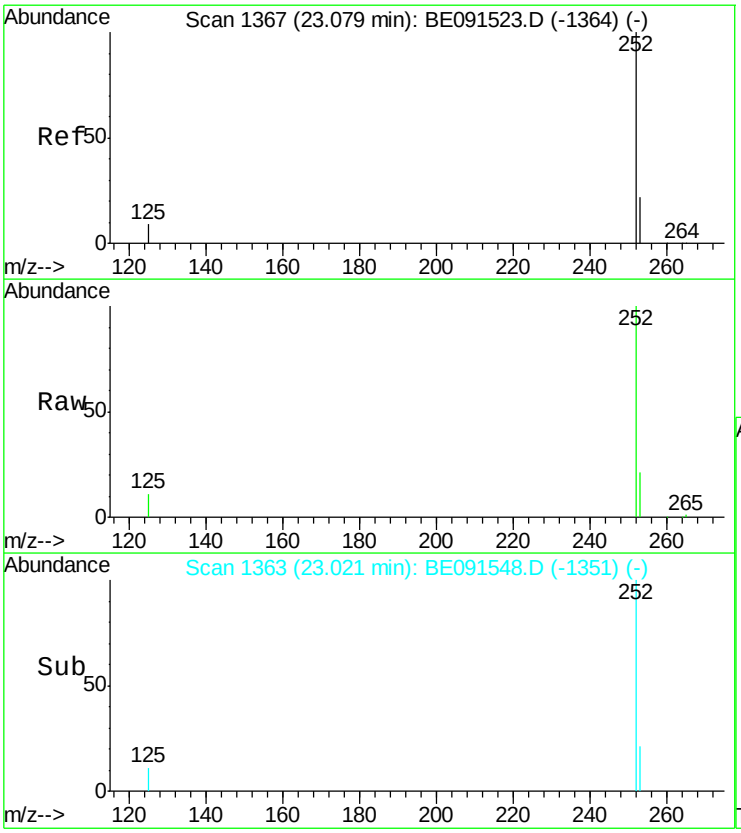
#29
Benzo(b)fluoranthene
Concen: 3.41 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:252 Resp: 281553

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.7	28.1
125	11.4	9.8	14.6

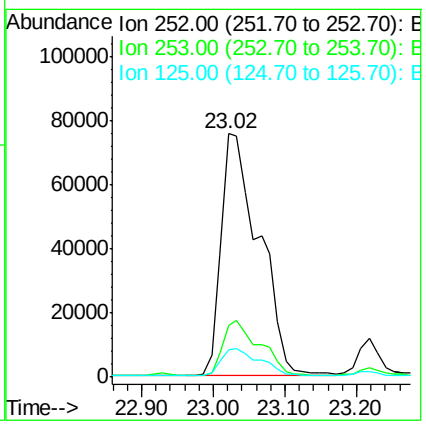


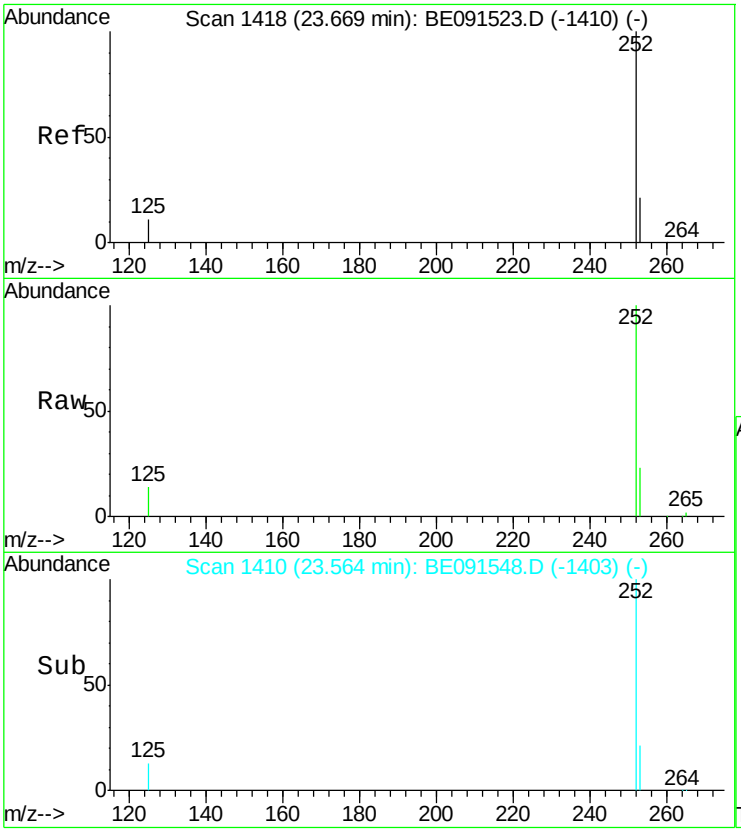


#30
Benzo(k)fluoranthene
Concen: 3.43 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.06 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:252 Resp: 281553

Ion	Ratio	Lower	Upper
252	100		
253	21.3	20.2	30.4
125	11.4	9.4	14.2



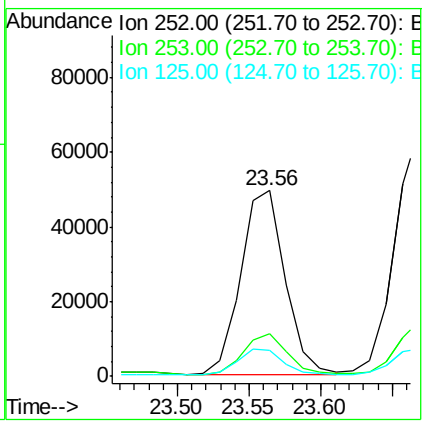


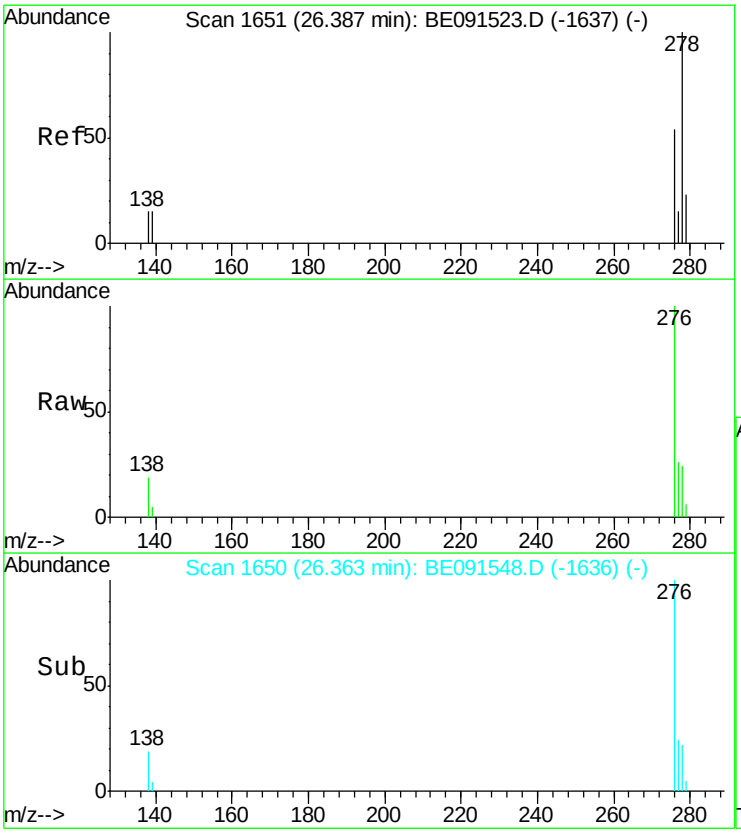
#31
Benzo(a)pyrene
Concen: 1.42 ng
RT: 23.56 min Scan# 1410
Delta R.T. -0.11 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:252 Resp: 105228

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.0
125	14.0	11.4	17.2

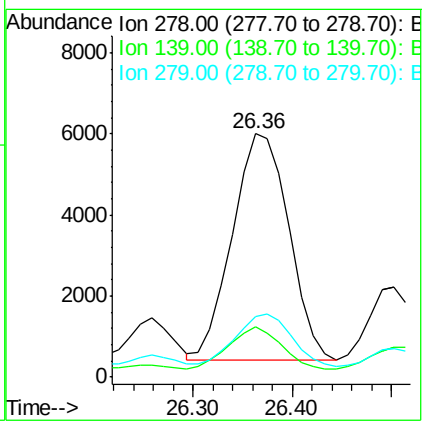


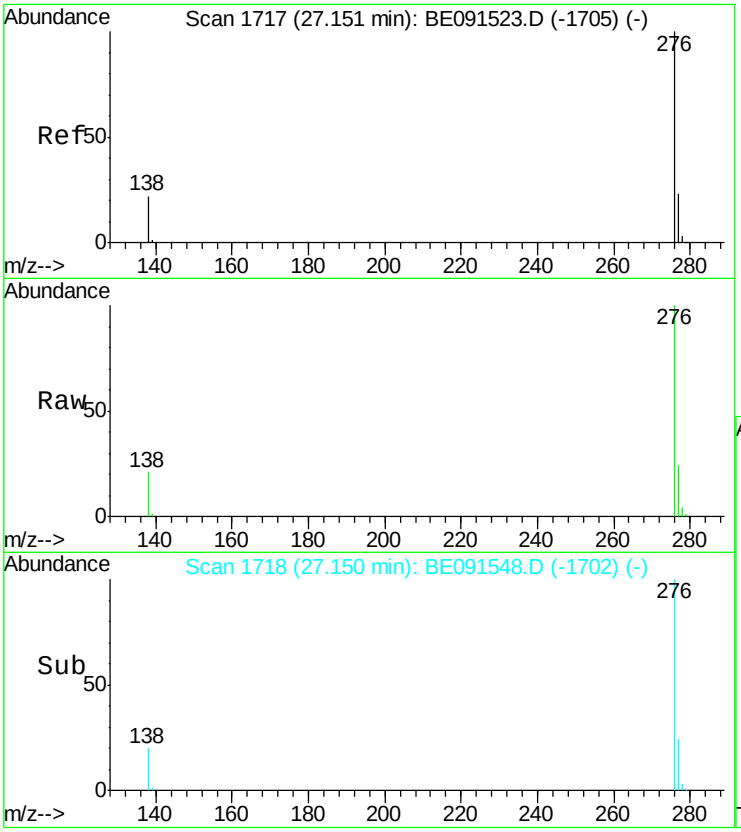


#32
Dibenzo(a,h)anthracene
Concen: 0.30 ng
RT: 26.36 min Scan# 1650
Delta R.T. -0.03 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Tgt Ion:278 Resp: 21840

Ion	Ratio	Lower	Upper
278	100		
139	20.7	14.2	21.4
279	24.8	19.6	29.4





#33
Benzo(g,h,i)perylene
Concen: 1.26 ng
RT: 27.15 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BE091548.D
Acq: 28 Mar 2016 21:38

Instrument :
BNA_E
ClientSampleId :
SB-4

Tgt Ion:276 Resp: 96126

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	21.0	18.2	27.4