Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011516\
Data File : BE091374.D
Acq On : 15 Jan 2016 11:11
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Jan 16 05:04:15 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 15 15:14:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	22830	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	105342	5.00	ng	0.00
8) Acenaphthene-d10	13.35	164	52324	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	145691	5.00	ng	0.00
18) Chrysene-d12	20.21	240	154552	5.00	ng	0.00
24) Perylene-d12	22.10	264	126254	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.93	112	3279	1.30	ng	0.00
3) Phenol-d6	6.56	99	5454	1.30	ng	-0.01
5) Nitrobenzene-d5	8.16	82	5849	0.95	ng	0.00
9) 2,4,6-Tribromophenol	14.89	330	938	0.98	ng	0.00
10) 2-Fluorobiphenyl	12.01	172	11926	1.01	ng	0.00
20) Terphenyl-d14	18.62	244	15582	0.98	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	9.58	128	22605	1.01	ng	99
7) 2-Methylnaphthalene	11.12	142	8907	0.97	ng	94
11) Acenaphthylene	13.10	152	71978	0.97	ng	99
12) Acenaphthene	13.42	154	14862	1.00	ng	84
13) Fluorene	14.40	166	17998	0.98	ng	97
15) Phenanthrene	16.11	178	36127	1.00	ng	100
16) Anthracene	16.20	178	27482	0.99	ng	100
17) Fluoranthene	18.09	202	23846	0.87	ng	100
19) Pyrene	18.48	202	22489	0.94	ng	99
21) Benzo(a)anthracene	20.19	228	19961	0.94	ng	99
22) Chrysene	20.25	228	37812	1.01	ng	98
23) Indeno(1,2,3-cd)pyrene	23.70	276	22591	0.91	ng	95
25) Benzo(b)fluoranthene	21.55	252	23106	0.97	ng	100
26) Benzo(k)fluoranthene	21.58	252	28068	1.00	ng	99
27) Benzo(a)pyrene	22.01	252	20478	0.89	ng	99
28) Dibenzo(a,h)anthracene	23.65	278	17190	0.99	ng	99
29) Benzo(g,h,i)perylene	24.25	276	20884	0.97	ng	99

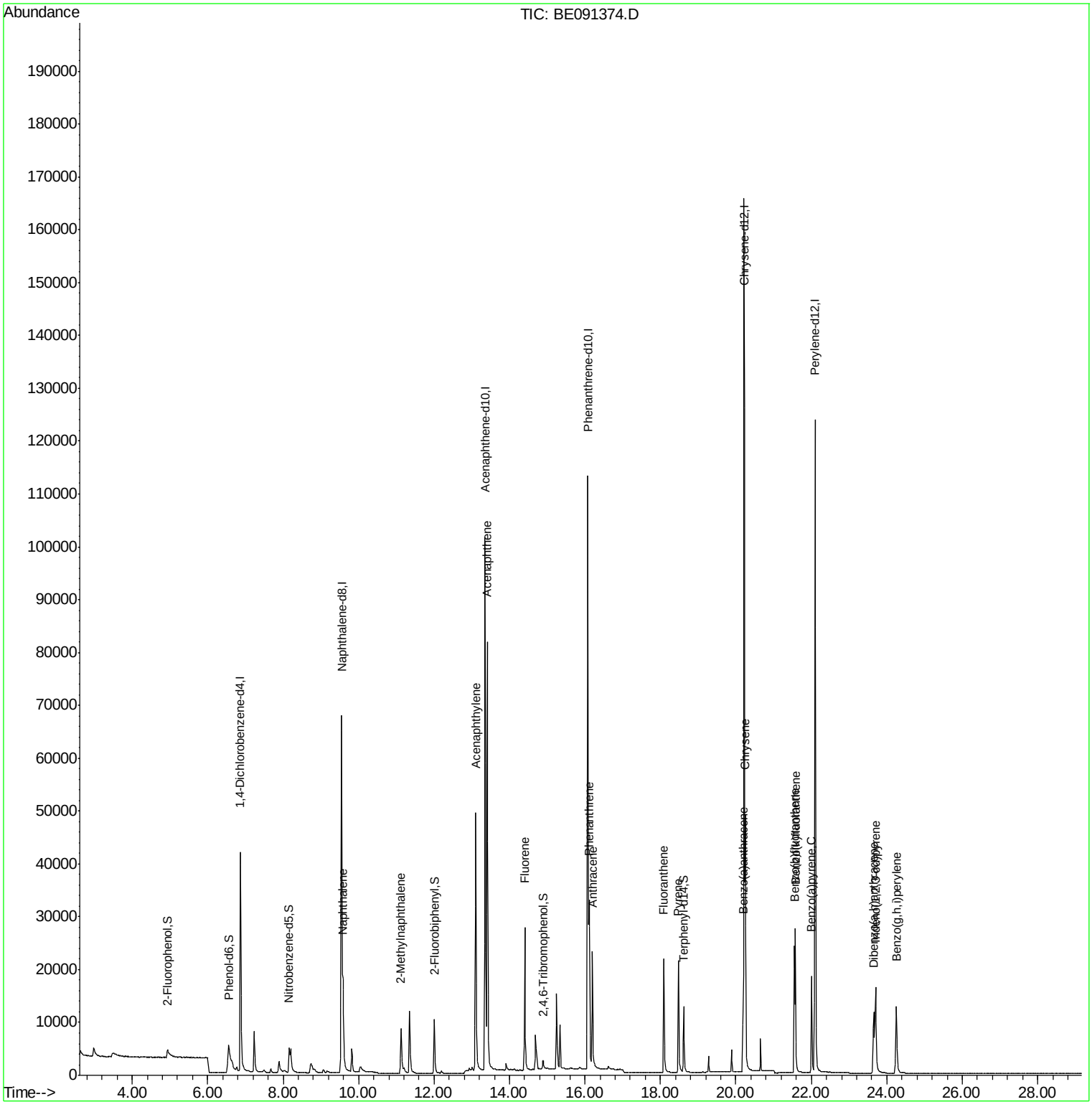
(#) = qualifier out of range (m) = manual integration (+) = signals summed

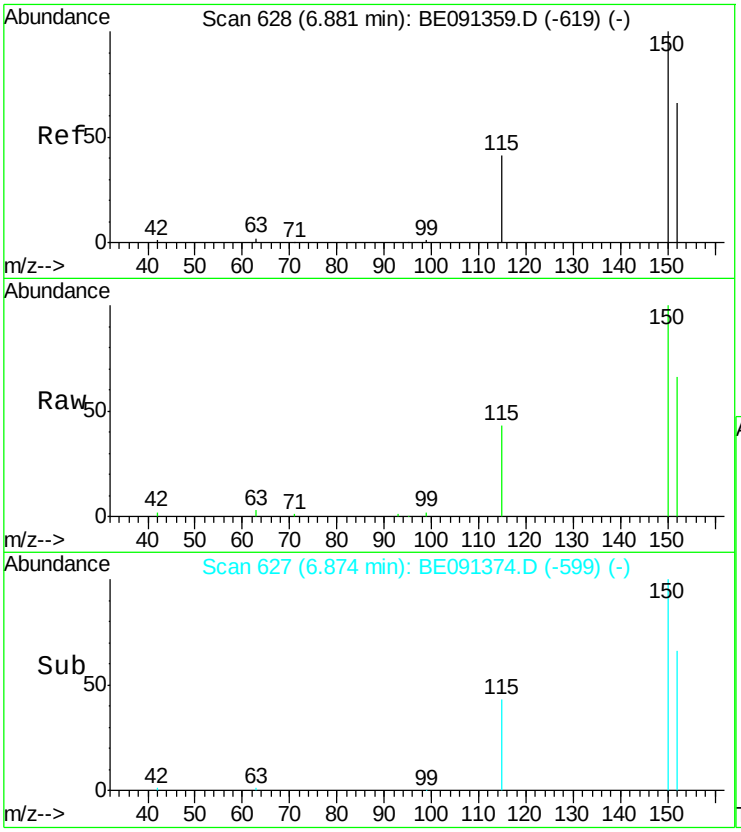
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011516\
Data File : BE091374.D
Acq On : 15 Jan 2016 11:11
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Jan 16 05:04:15 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 15 15:14:26 2016
Response via : Initial Calibration



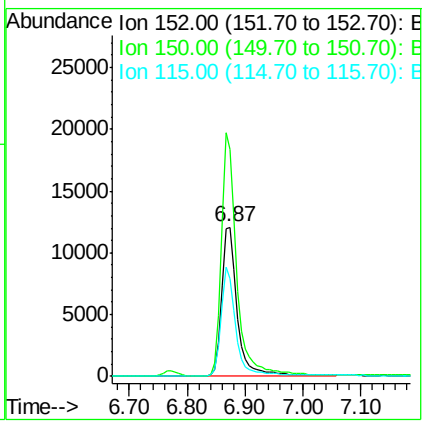


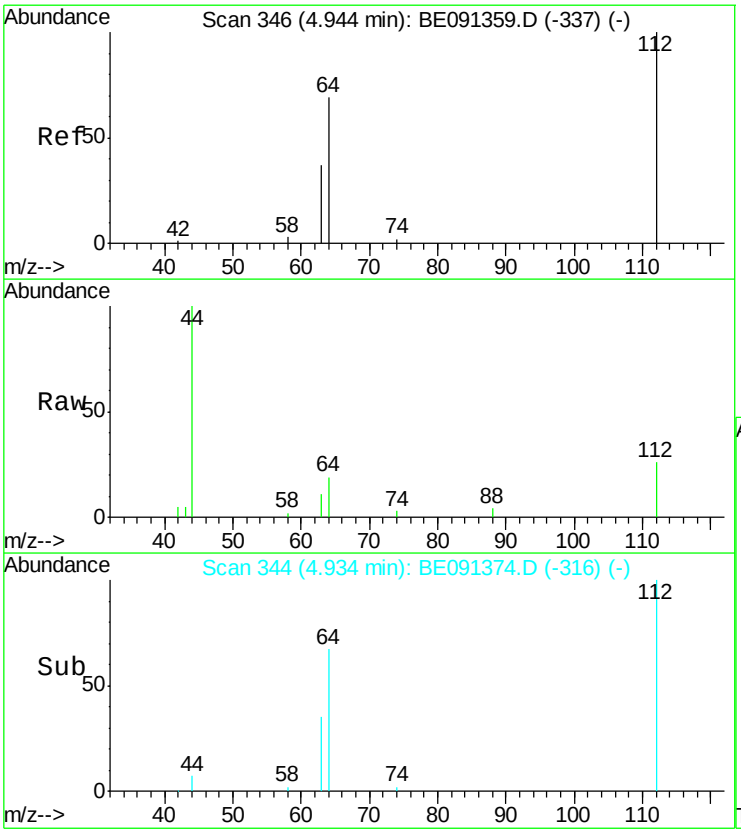
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 627
Delta R.T. -0.01 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 22830

Ion	Ratio	Lower	Upper
152	100		
150	152.1	121.6	182.4
115	65.3	50.6	75.8

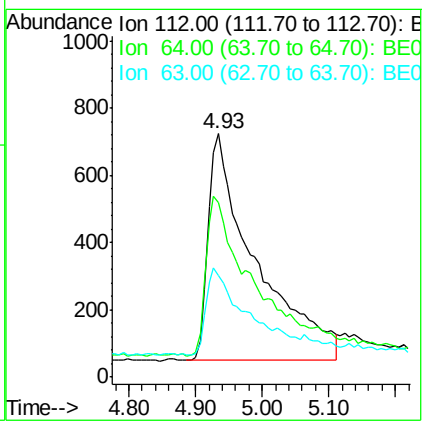


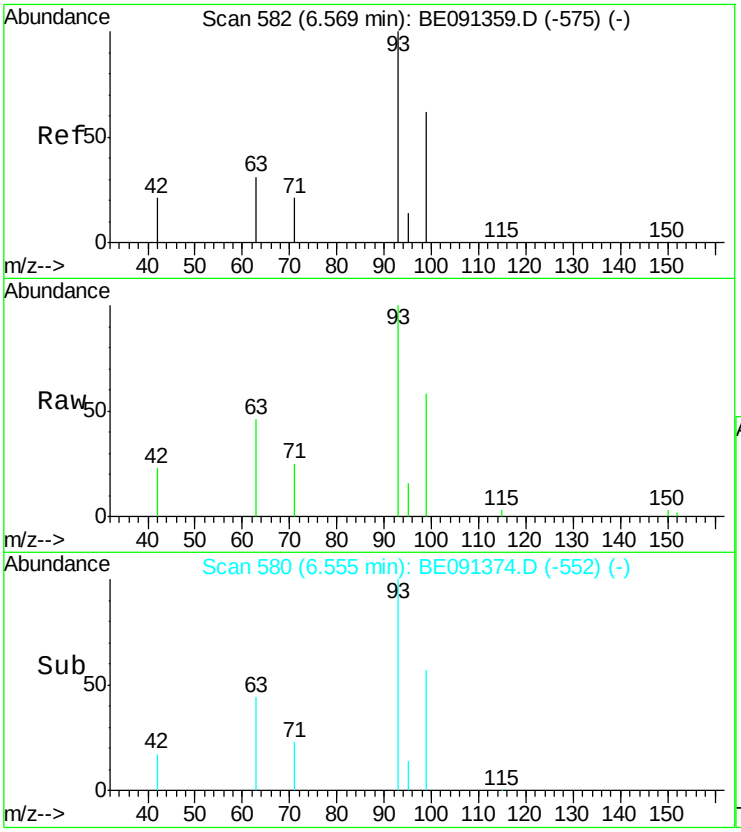


#2
2-Fluorophenol
Concen: 1.30 ng
RT: 4.93 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:112 Resp: 3279

Ion	Ratio	Lower	Upper
112	100		
64	74.0	57.4	86.0
63	34.3	32.2	48.2



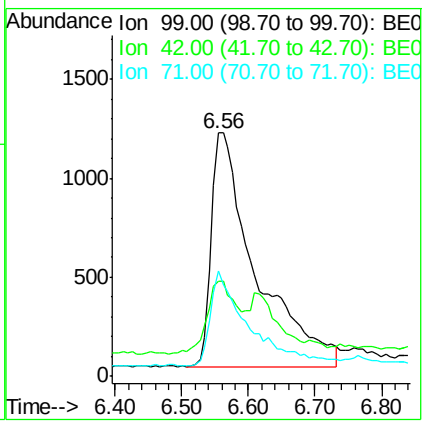


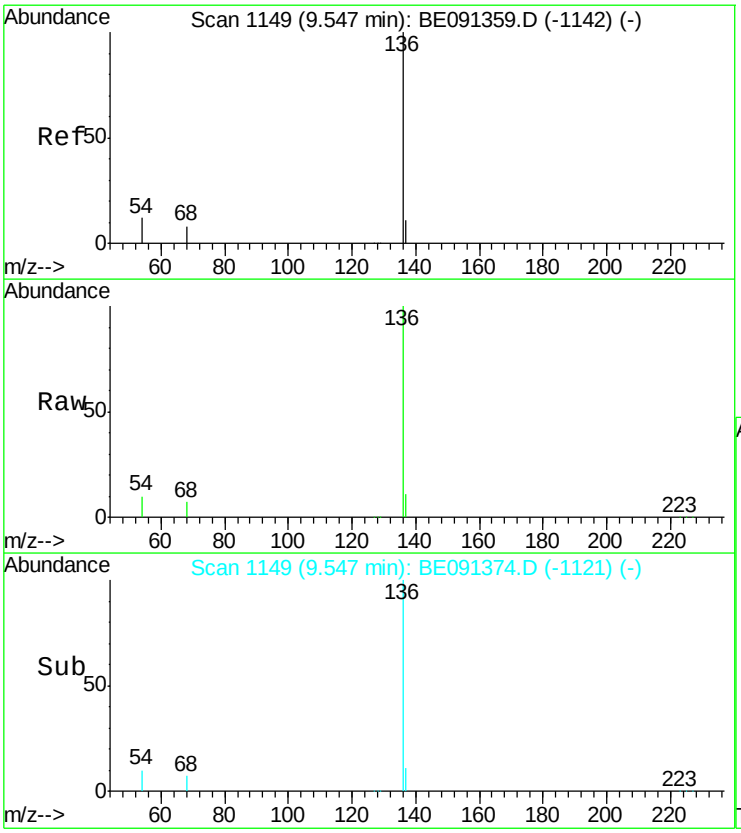
#3
Phenol-d6
Concen: 1.30 ng
RT: 6.56 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 5454

Ion	Ratio	Lower	Upper
99	100		
42	19.7	22.9	34.3#
71	34.8	35.4	53.2#

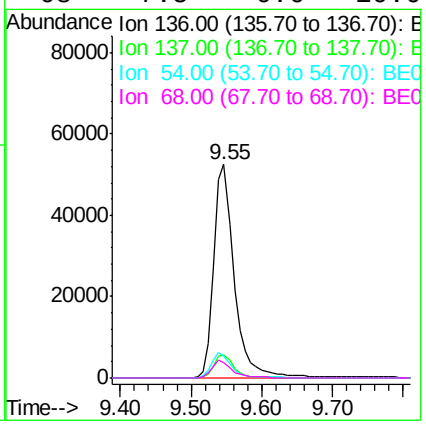


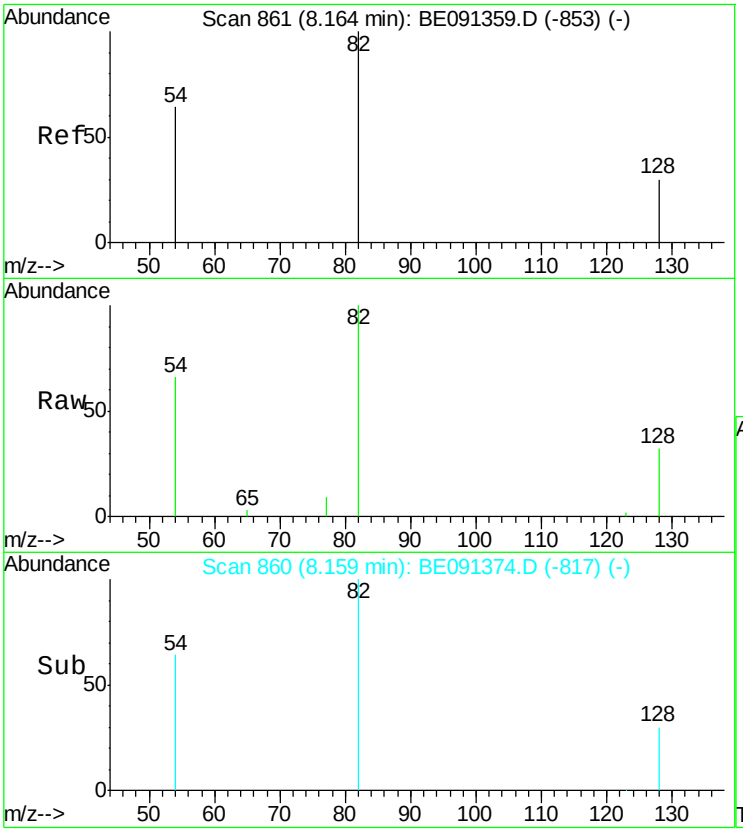


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.55 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:136 Resp: 105342

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.4	9.8	14.6
68	7.5	6.6	10.0



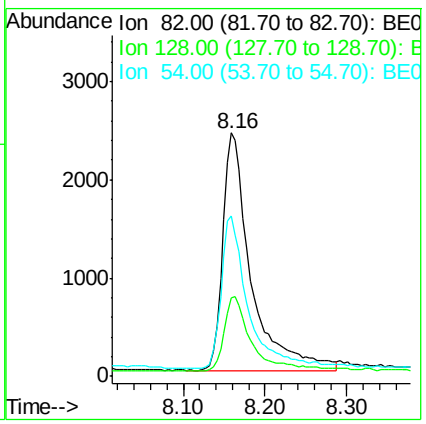


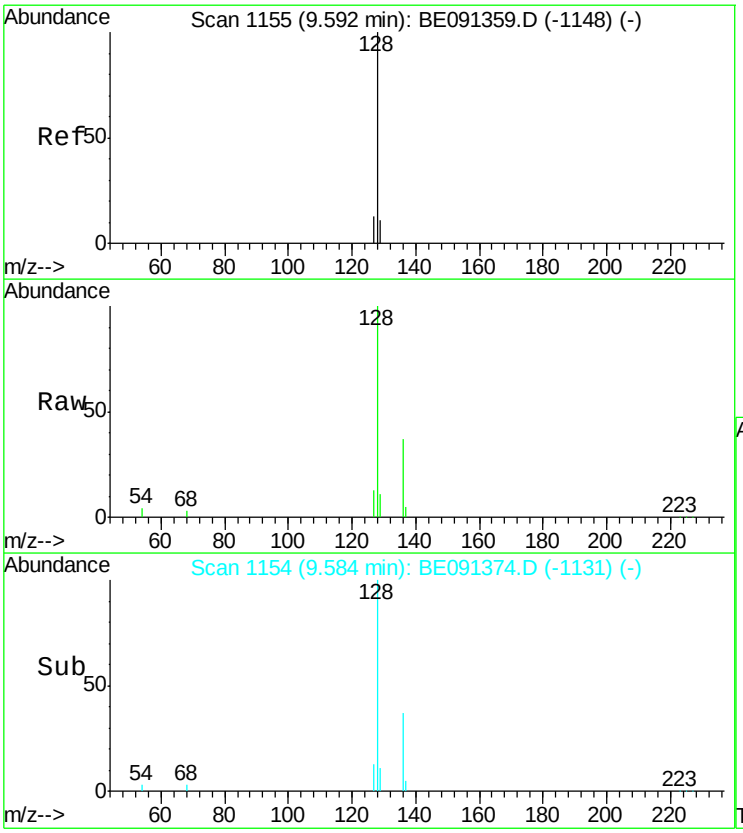
#5
Nitrobenzene-d5
Concen: 0.95 ng
RT: 8.16 min Scan# 860
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 5849

Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.6	36.8
54	65.7	52.7	79.1

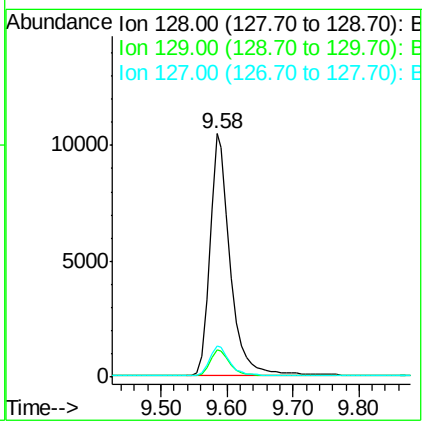


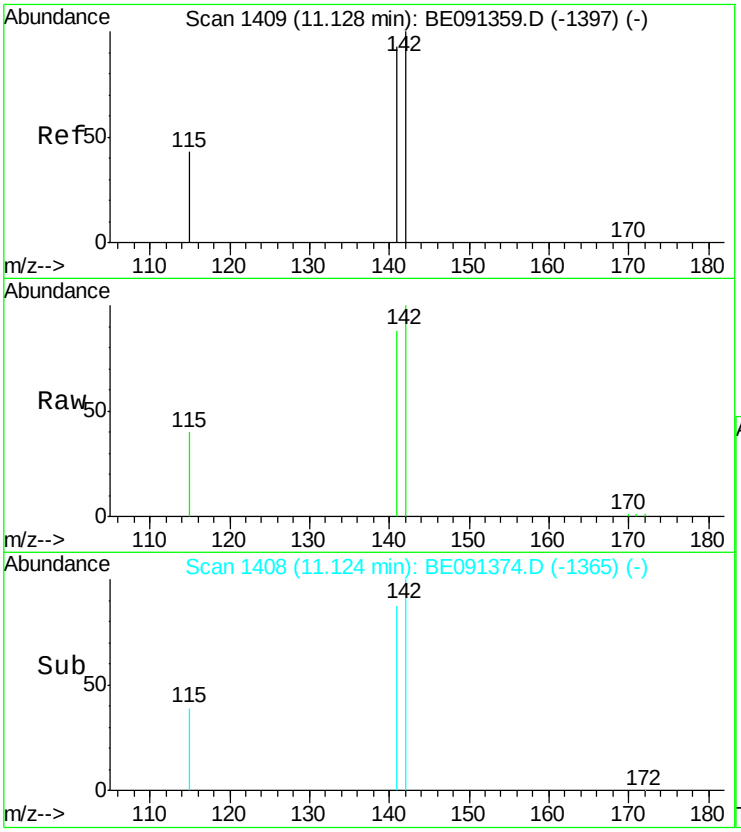


#6
Naphthalene
Concen: 1.01 ng
RT: 9.58 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:128 Resp: 22605

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	12.8	10.6	15.8



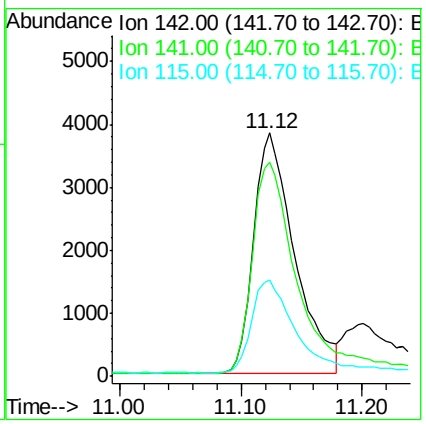


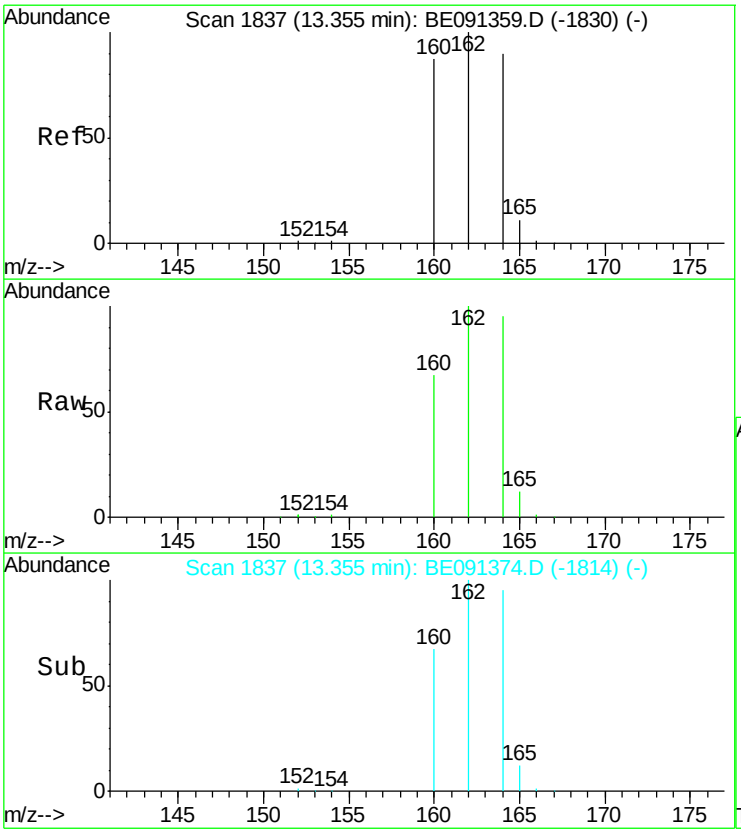
#7
2-Methylnaphthalene
Concen: 0.97 ng
RT: 11.12 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 8907

Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.5	111.7
115	39.6	35.2	52.8

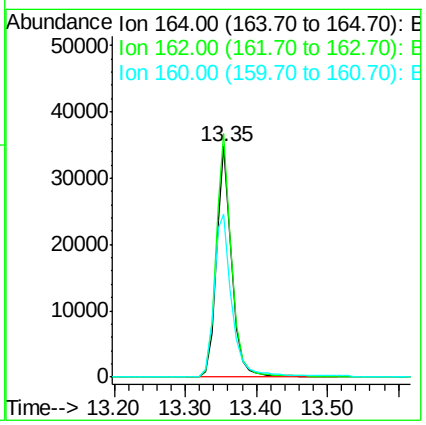


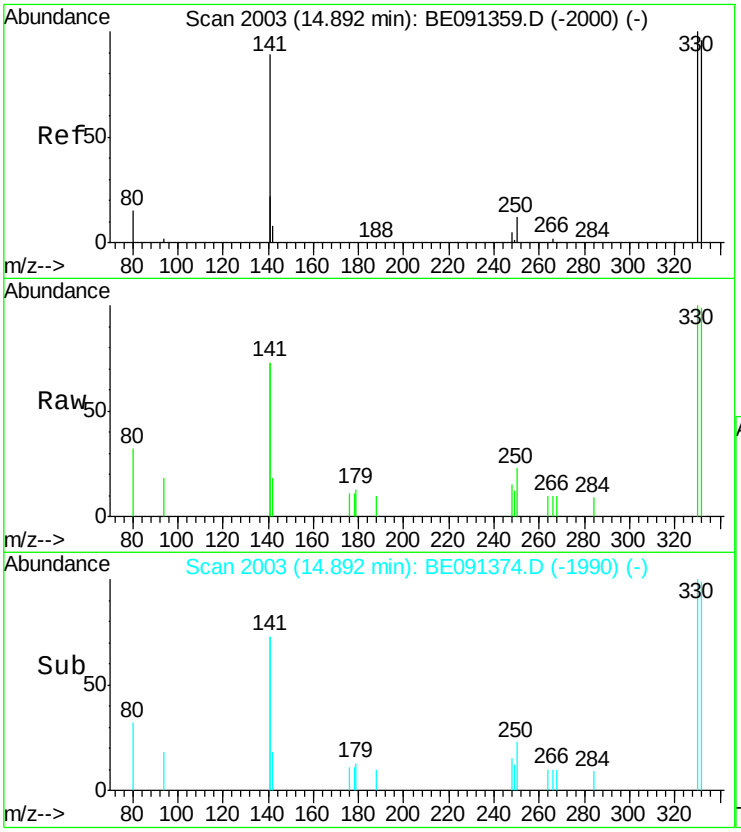


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.35 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:164 Resp: 52324

Ion	Ratio	Lower	Upper
164	100		
162	105.6	88.5	132.7
160	70.6	76.7	115.1#



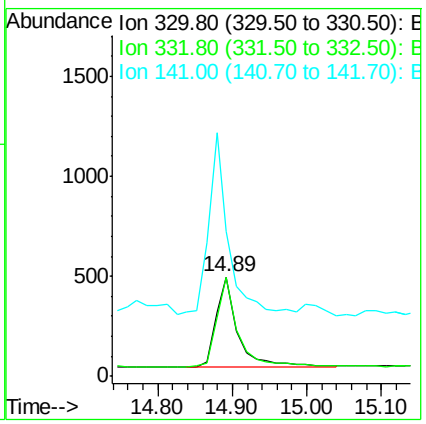


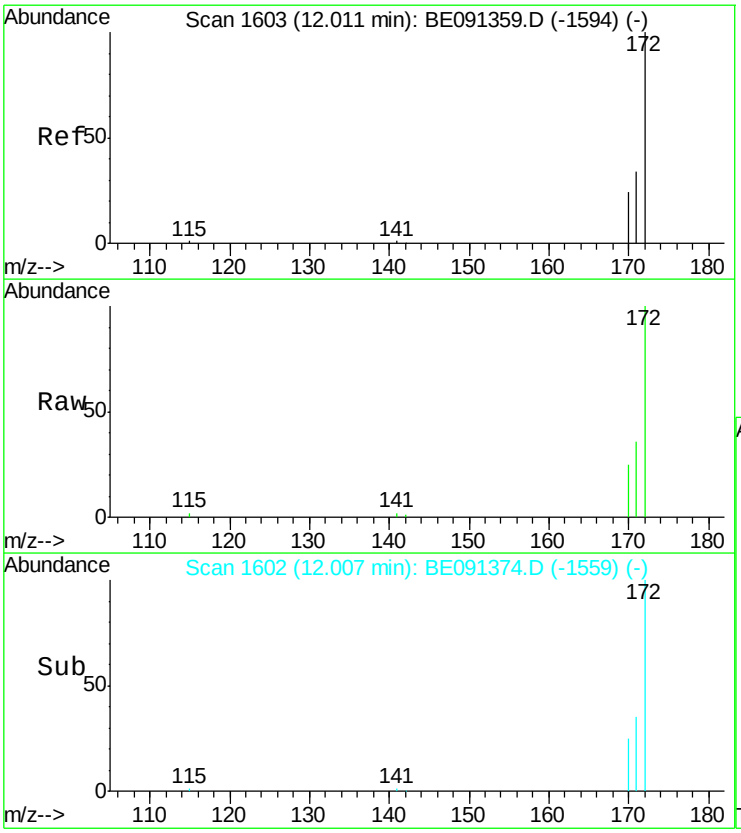
#9
2,4,6-Tribromophenol
Concen: 0.98 ng
RT: 14.89 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 938

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	118.0
141	173.9	147.8	221.8

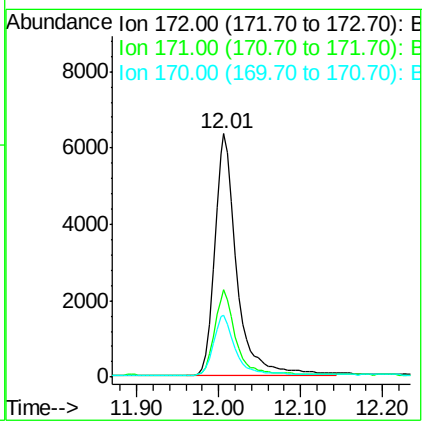


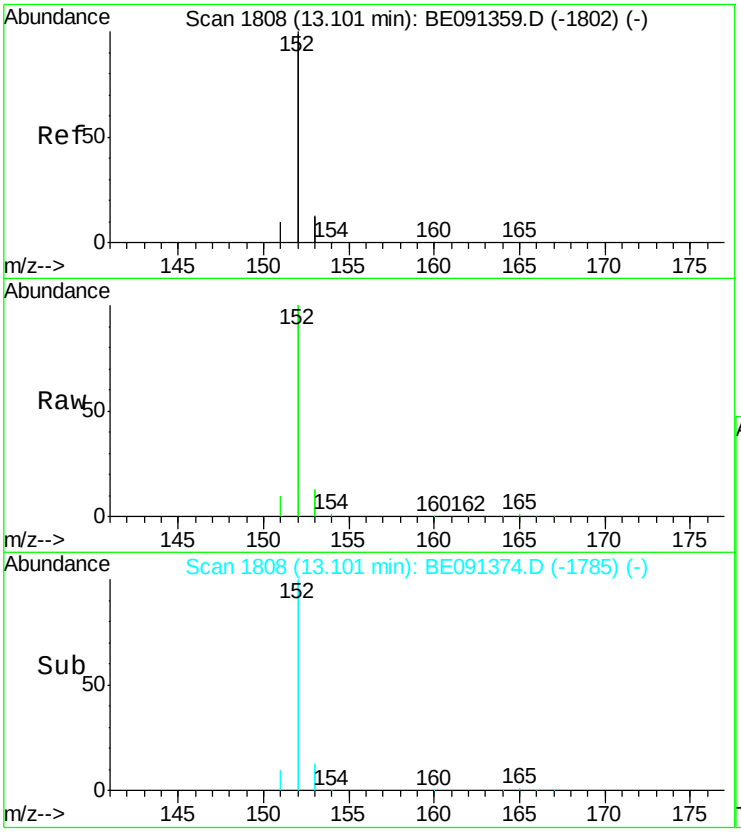


#10
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.01 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:172 Resp: 11926

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	25.4	19.8	29.6



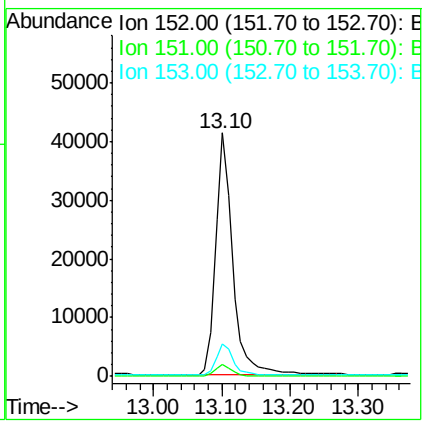


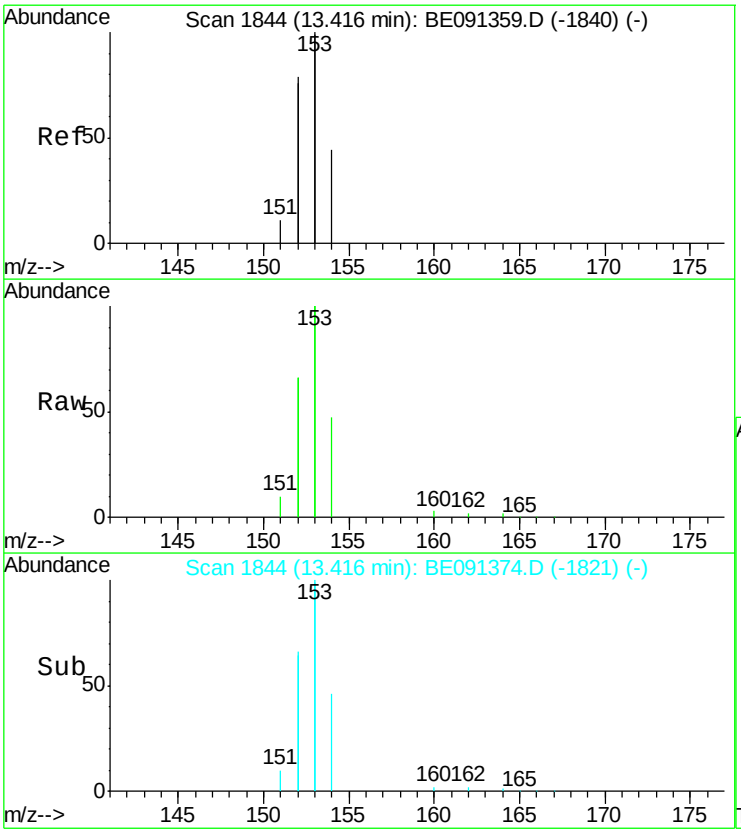
#11
Acenaphthylene
Concen: 0.97 ng
RT: 13.10 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 71978

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	12.9	10.1	15.1

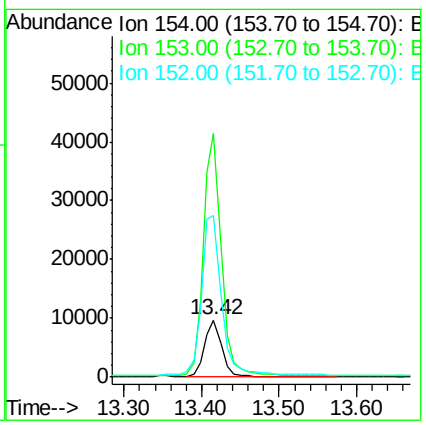


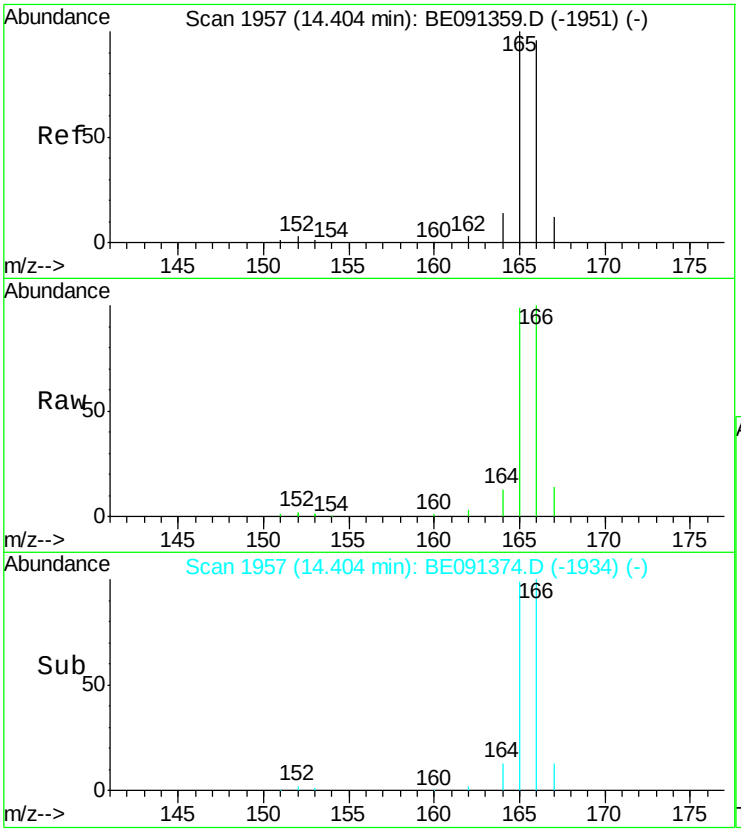


#12
Acenaphthene
Concen: 1.00 ng
RT: 13.42 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:154 Resp: 14862

Ion	Ratio	Lower	Upper
154	100		
153	445.8	370.2	555.4
152	325.7	310.5	465.7



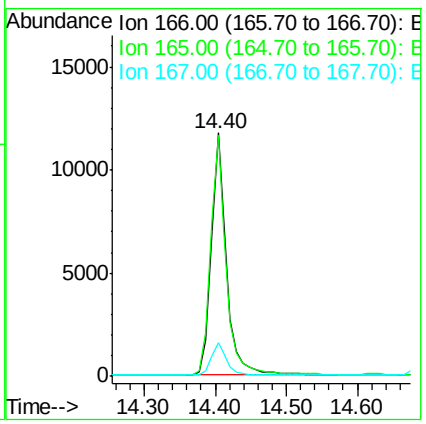


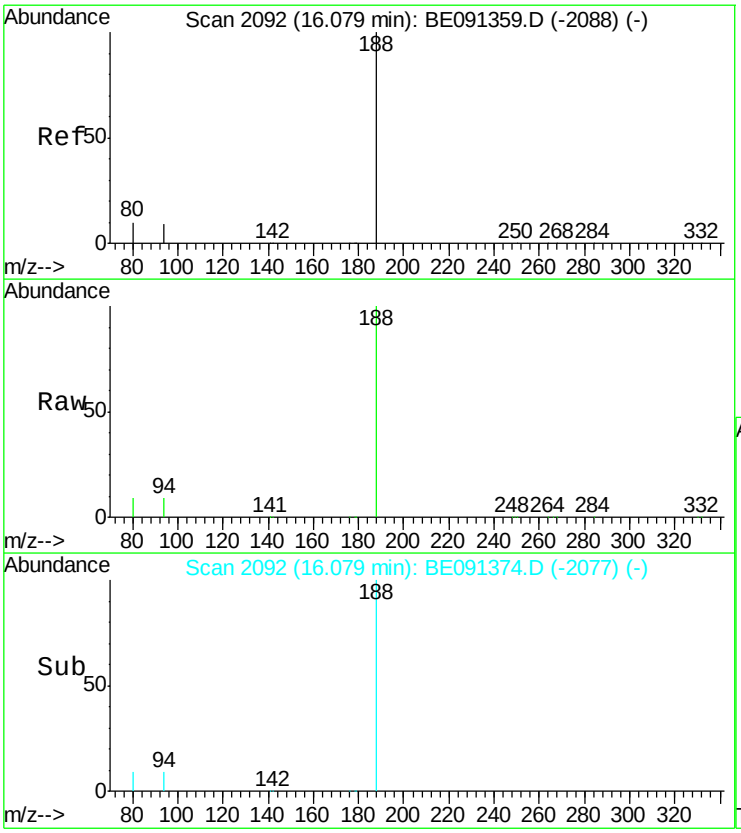
#13
Fluorene
Concen: 0.98 ng
RT: 14.40 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 17998

Ion	Ratio	Lower	Upper
166	100		
165	100.9	83.0	124.6
167	13.5	11.1	16.7

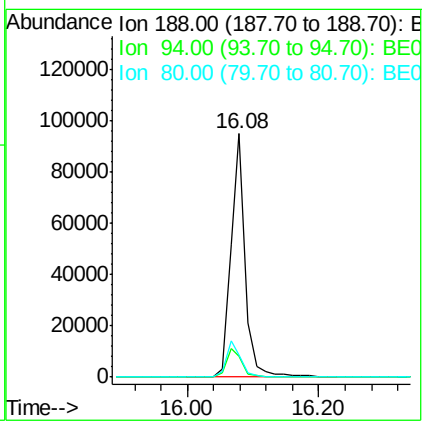


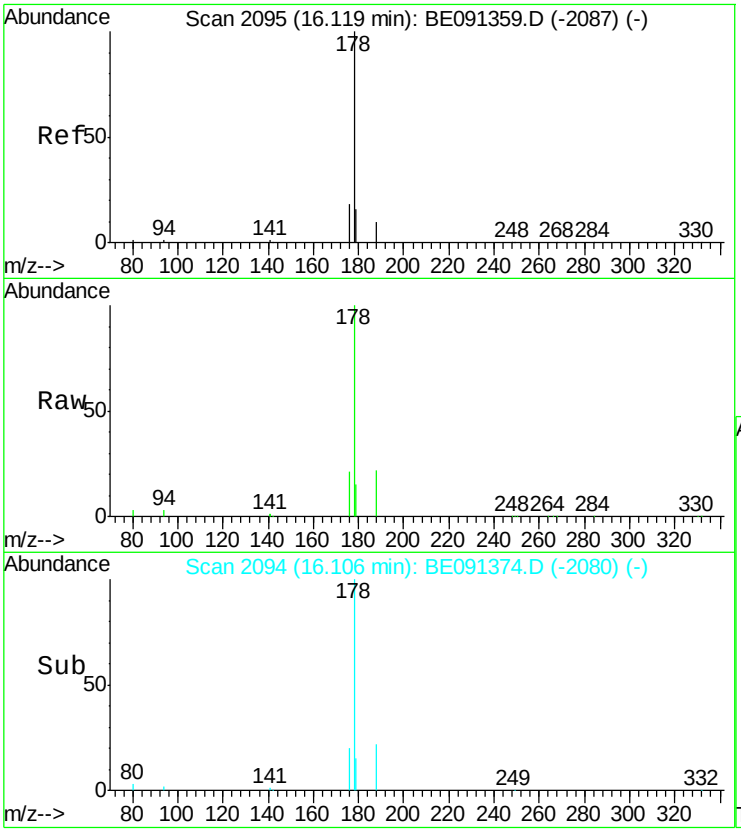


#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:188 Resp: 145691

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.1	8.2	12.2



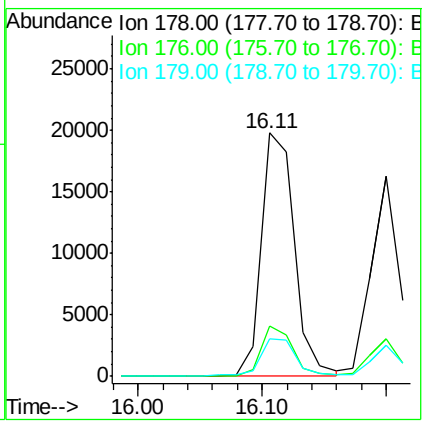


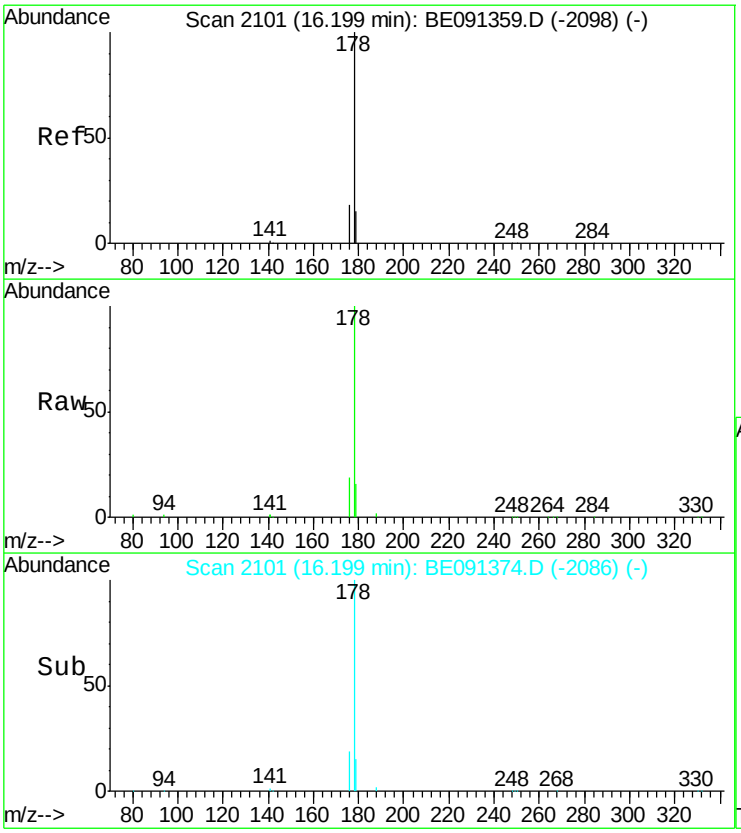
#15
Phenanthrene
Concen: 1.00 ng
RT: 16.11 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 36127

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.8	19.2

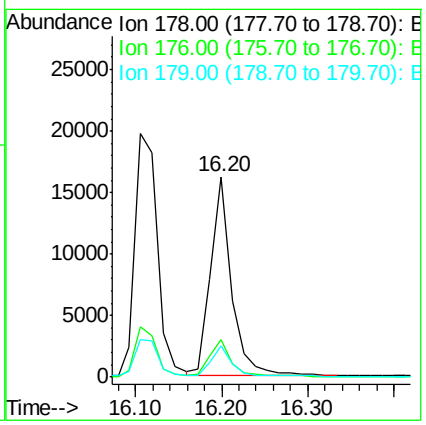


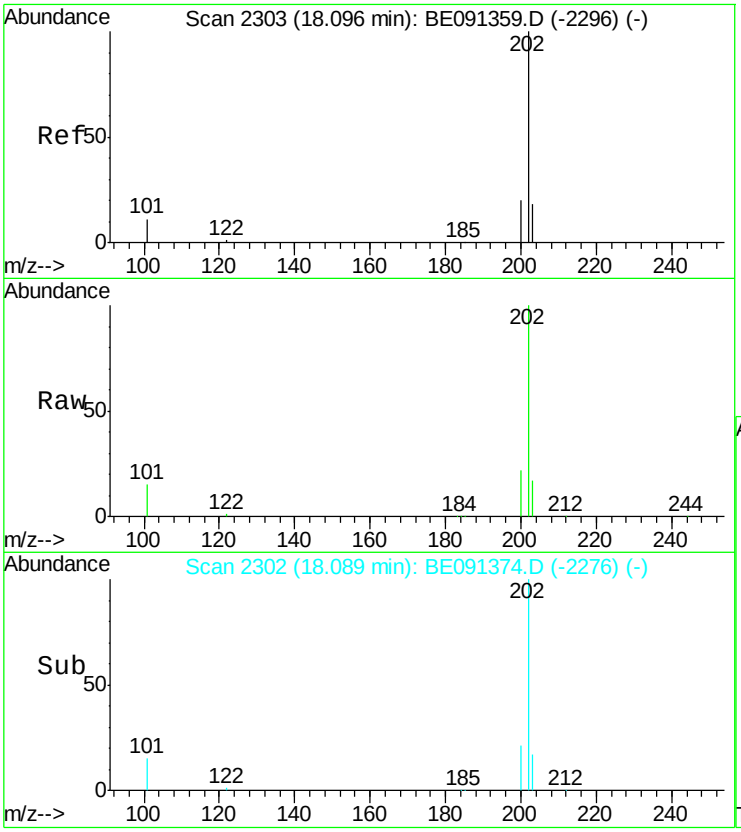


#16
Anthracene
Concen: 0.99 ng
RT: 16.20 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:178 Resp: 27482

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.6	12.4	18.6



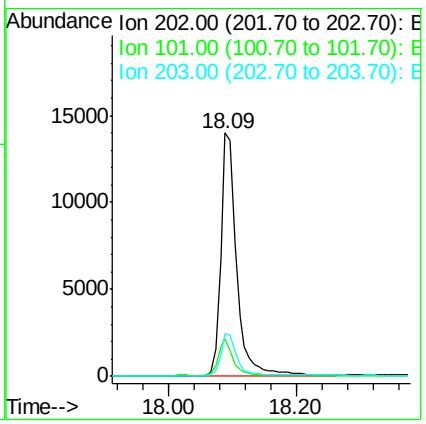


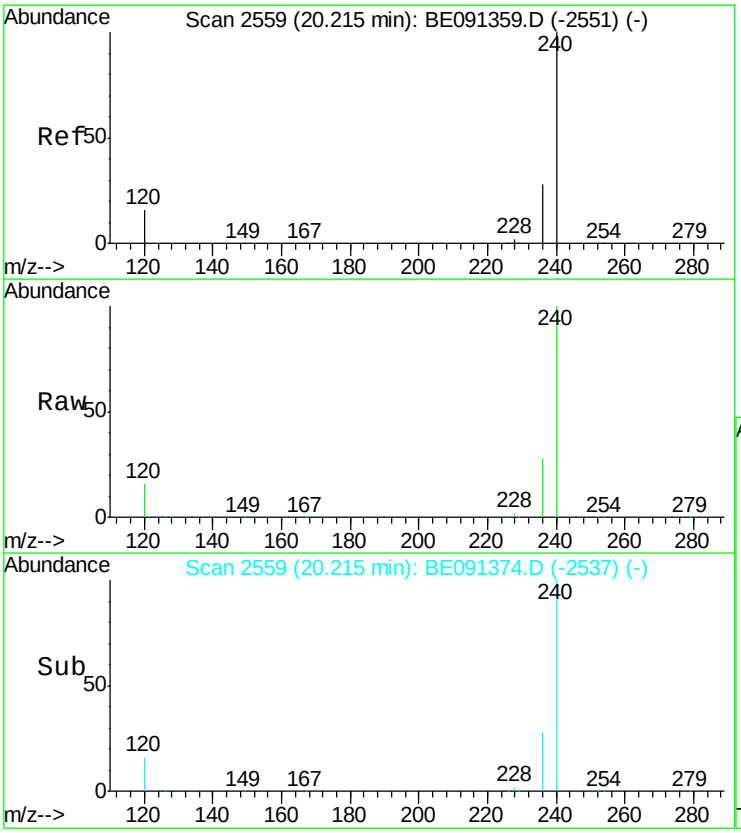
#17
Fluoranthene
Concen: 0.87 ng
RT: 18.09 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 23846

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.4
203	17.3	13.9	20.9

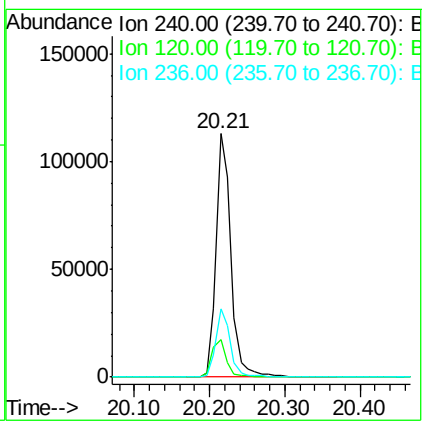


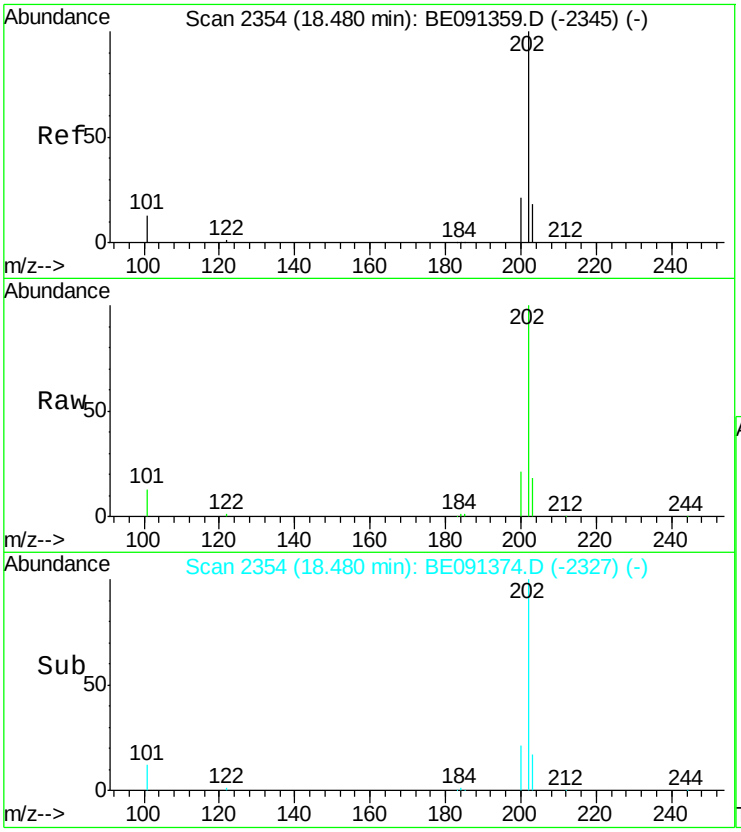


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.21 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:240 Resp: 154552

Ion	Ratio	Lower	Upper
240	100		
120	15.7	12.6	19.0
236	27.8	22.7	34.1



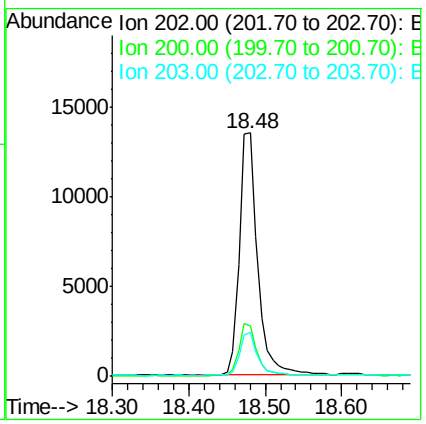


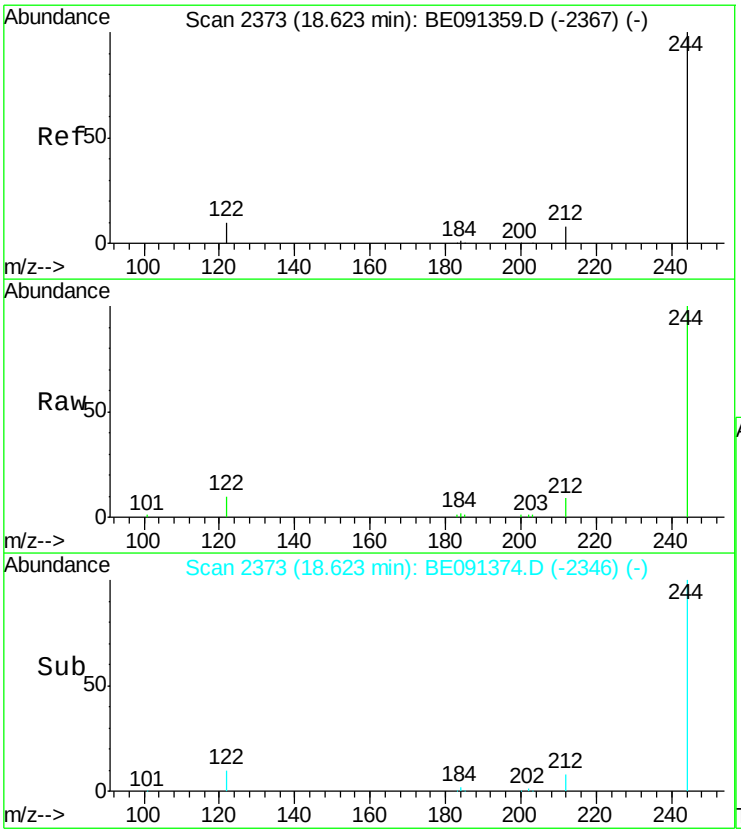
#19
Pyrene
Concen: 0.94 ng
RT: 18.48 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 22489

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.4	14.2	21.4

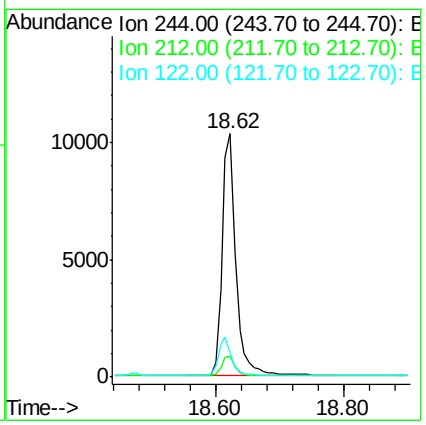


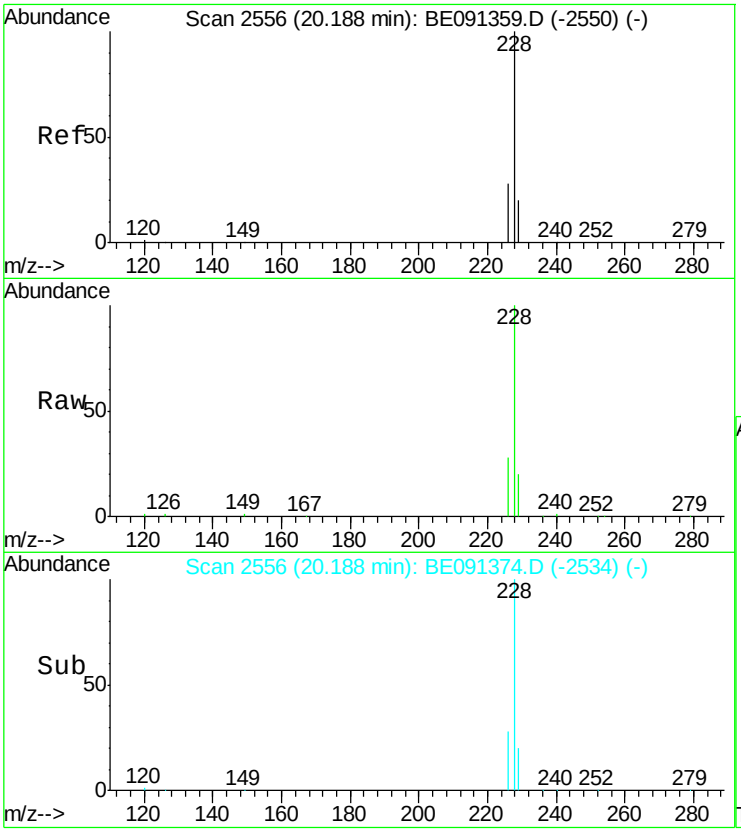


#20
Terphenyl-d14
Concen: 0.98 ng
RT: 18.62 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:244 Resp: 15582

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	10.1	8.5	12.7



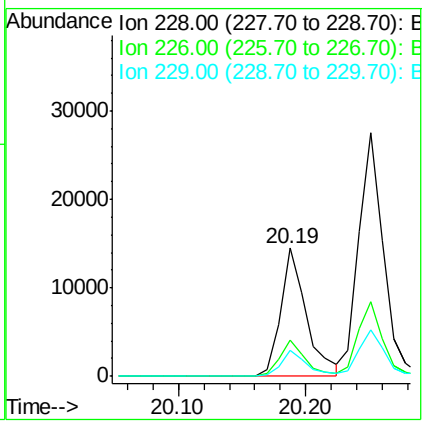


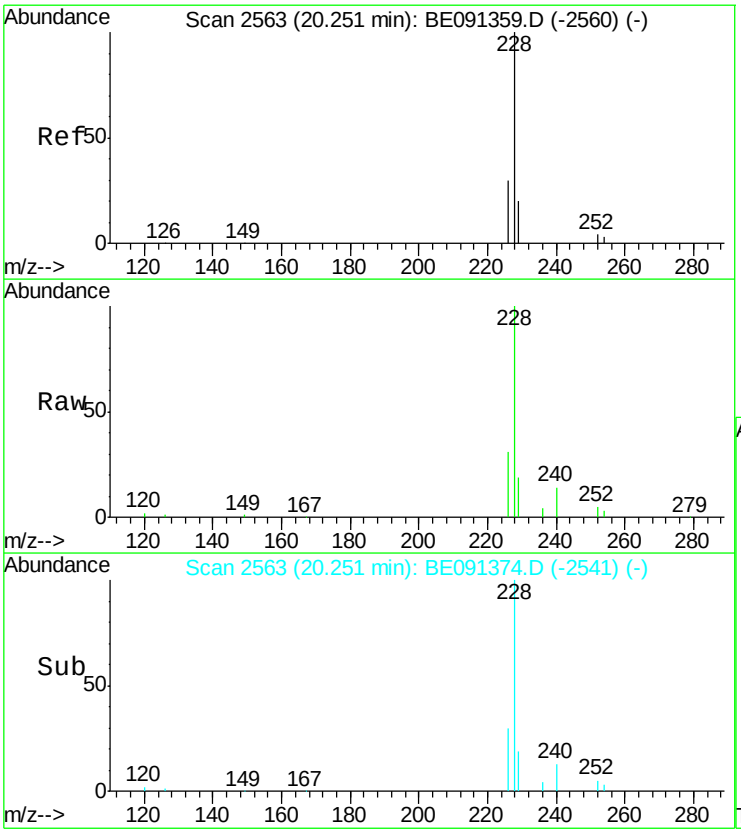
#21
Benzo(a)anthracene
Concen: 0.94 ng
RT: 20.19 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 19961

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	19.8	16.2	24.4

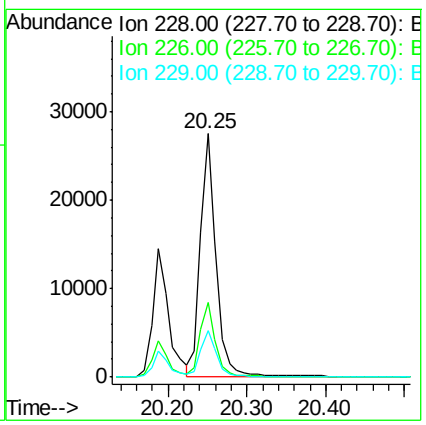


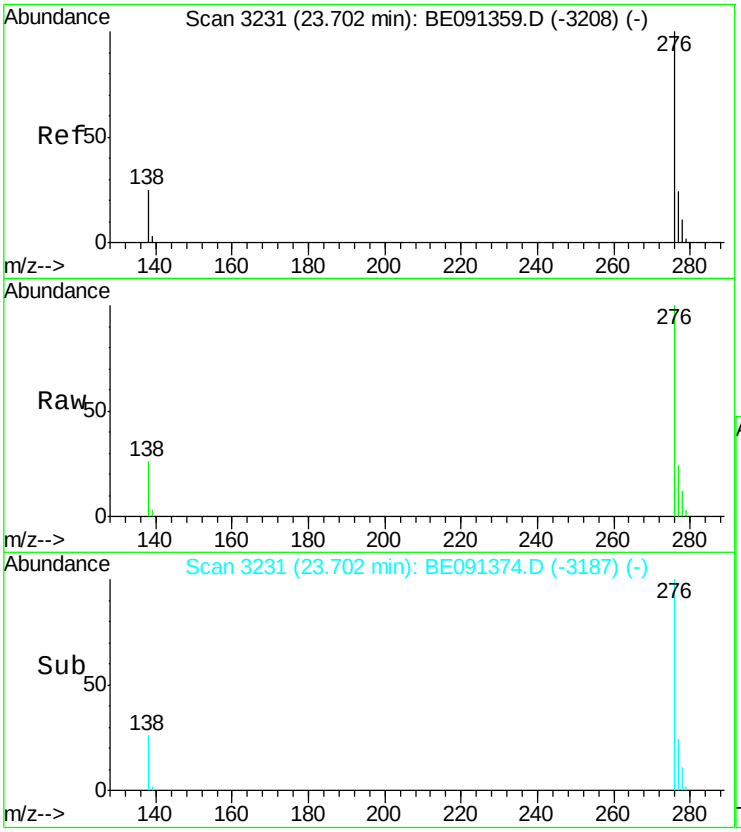


#22
Chrysene
Concen: 1.01 ng
RT: 20.25 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:228 Resp: 37812

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	19.2	16.0	24.0



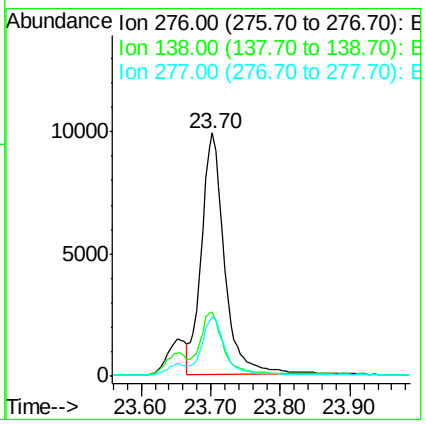


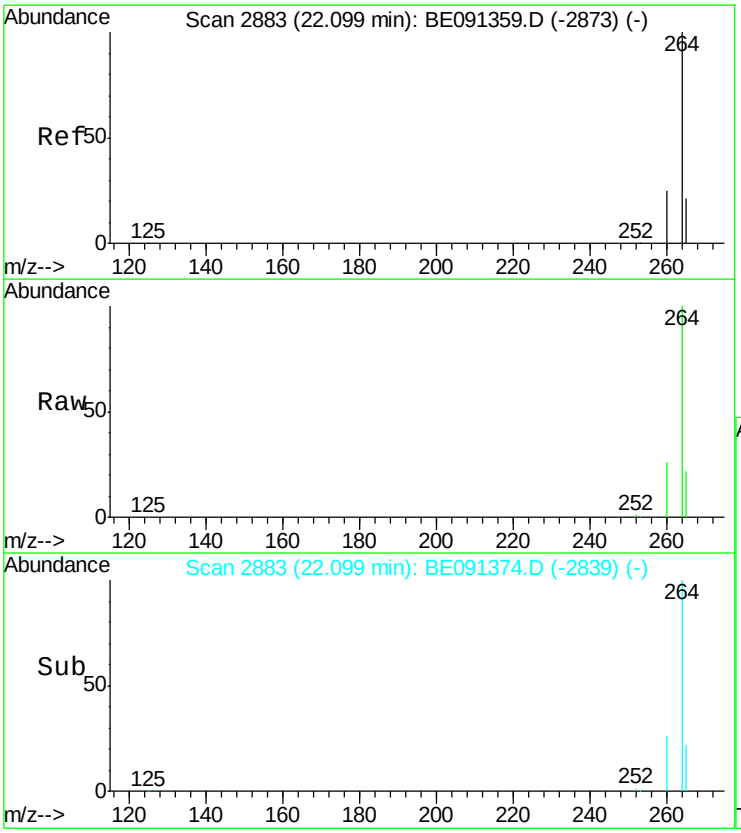
#23
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 23.70 min Scan# 3231
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 22591

Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.6	27.8
277	23.1	16.5	24.7

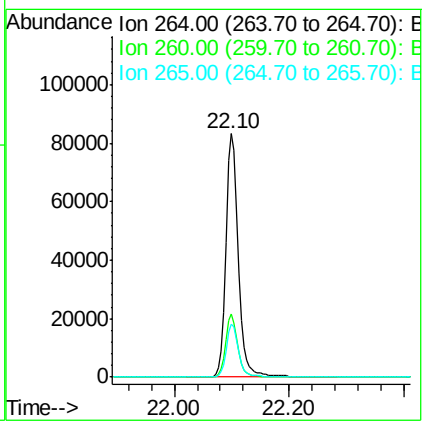


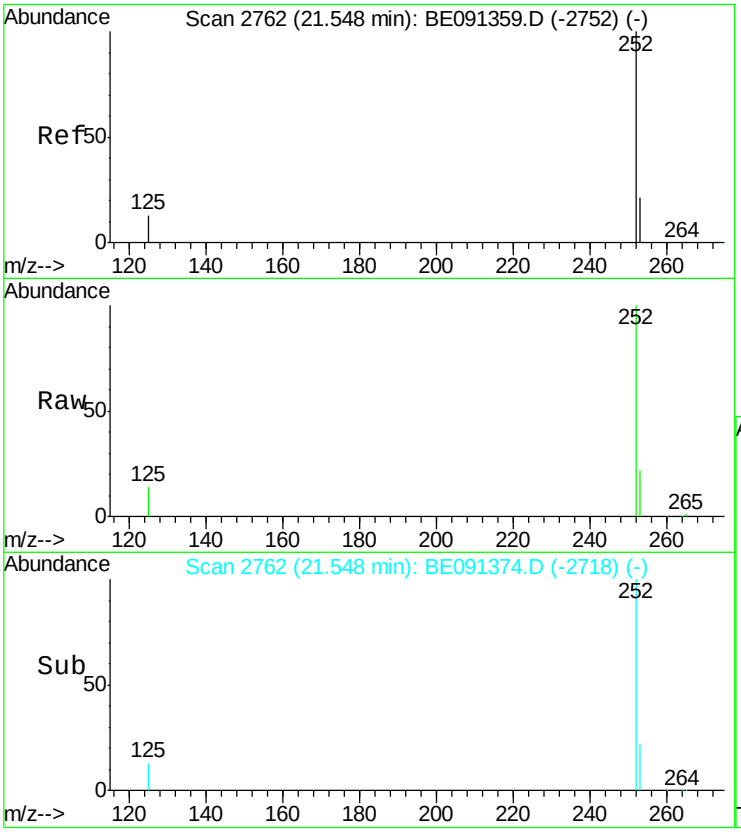


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.10 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:264 Resp: 126254

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	21.8	17.2	25.8



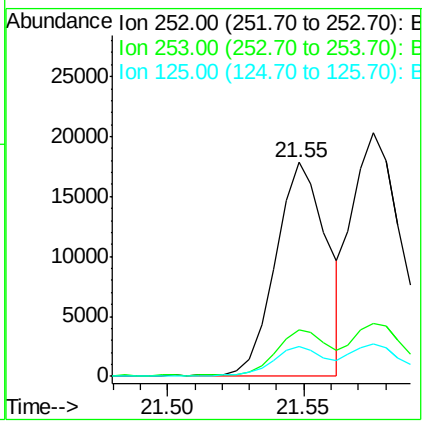


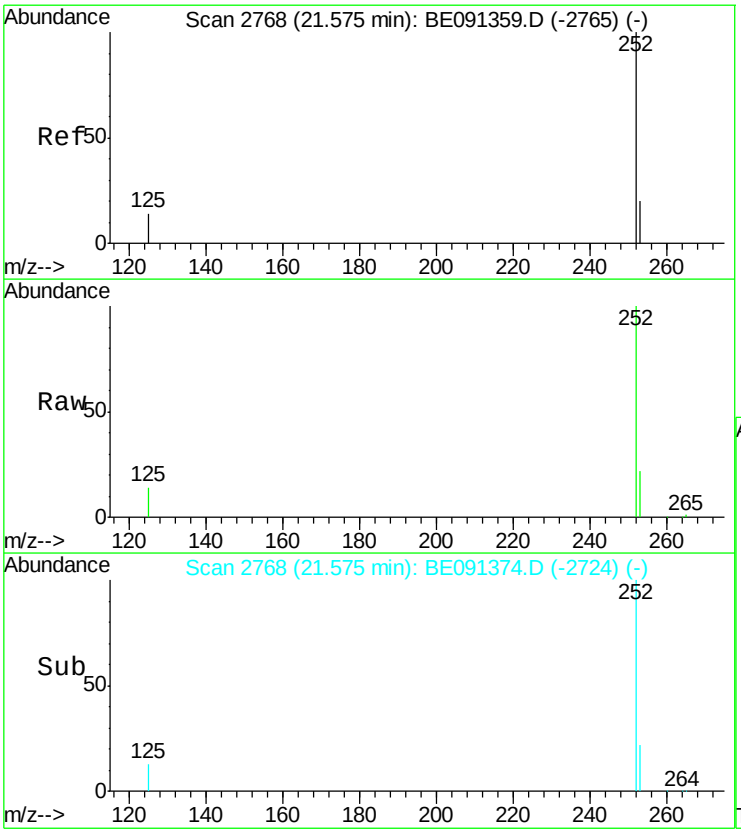
#25
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 21.55 min Scan# 2762
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 23106

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	13.7	11.0	16.6

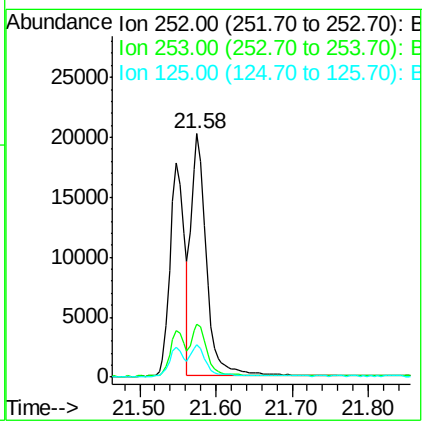


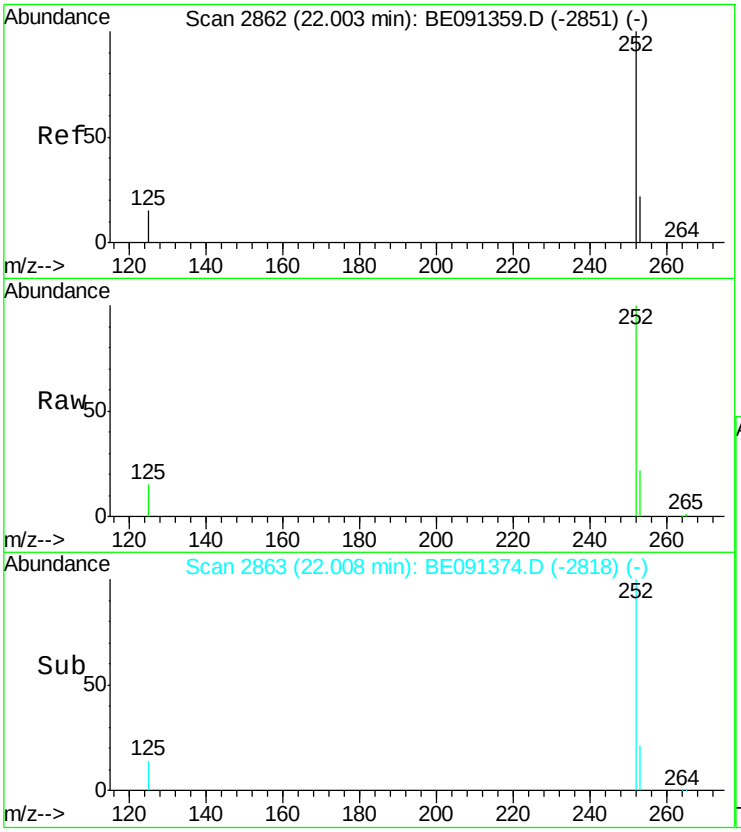


#26
Benzo(k)fluoranthene
Concen: 1.00 ng
RT: 21.58 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:252 Resp: 28068

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.5	11.3	16.9



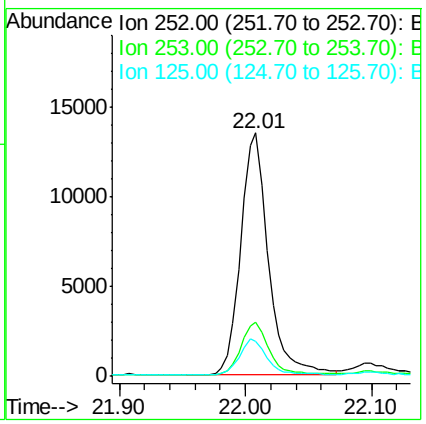


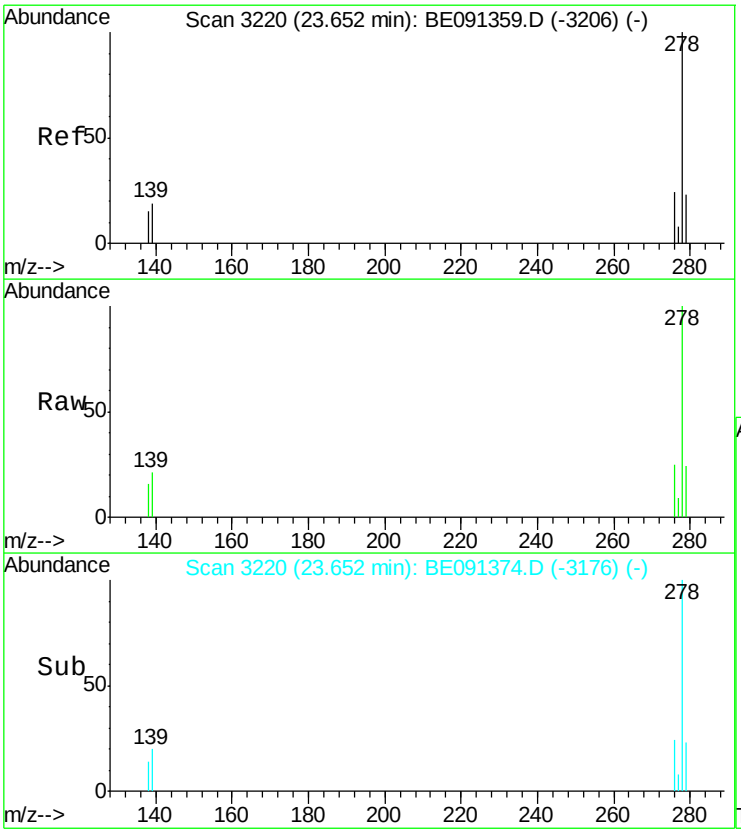
#27
Benzo(a)pyrene
Concen: 0.89 ng
RT: 22.01 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 20478

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.5	12.2	18.4

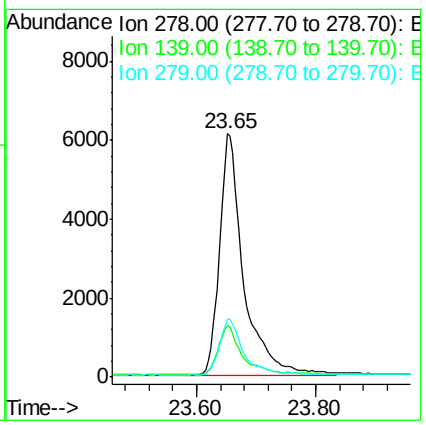


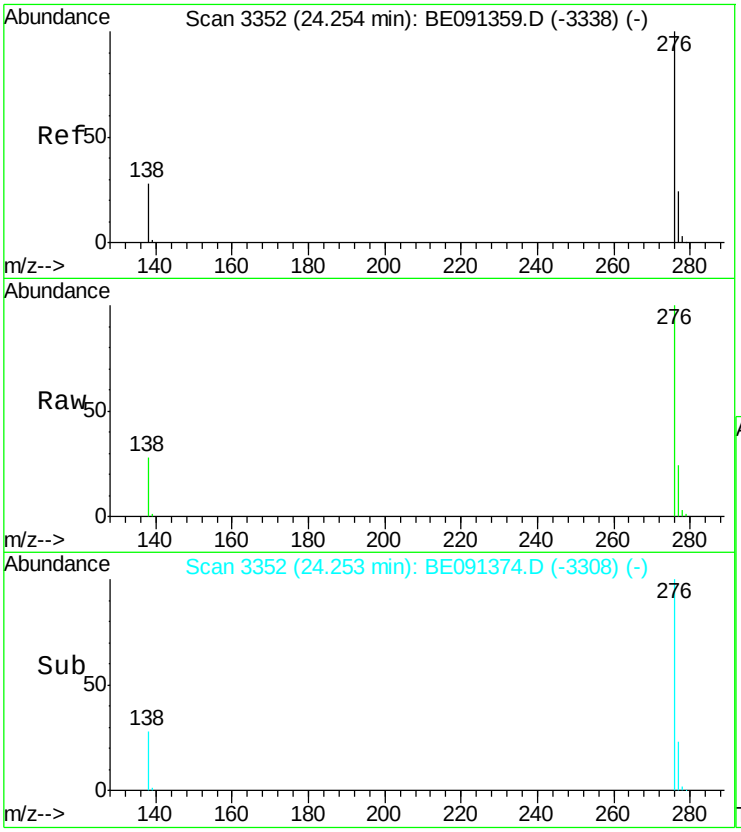


#28
Dibenzo(a,h)anthracene
Concen: 0.99 ng
RT: 23.65 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Tgt Ion:278 Resp: 17190

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.3	24.5
279	23.6	19.4	29.2





#29
Benzo(g,h,i)perylene
Concen: 0.97 ng
RT: 24.25 min Scan# 3352
Delta R.T. 0.00 min
Lab File: BE091374.D
Acq: 15 Jan 2016 11:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 20884

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.6
138	28.4	23.3	34.9