Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091382.D
Acq On : 2 Feb 2016 17:58
Operator : UM/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 02 18:32:03 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 17:23:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	44729	5.00	ng		-0.01
4) Naphthalene-d8	9.54	136	214111	5.00	ng		0.00
8) Acenaphthene-d10	13.35	164	132610	5.00	ng		0.00
14) Phenanthrene-d10	16.08	188	323851	5.00	ng		0.00
18) Chrysene-d12	20.22	240	390239	5.00	ng		0.00
24) Perylene-d12	22.09	264	364667	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	4.91	112	50494	10.60	ng		-0.03
3) Phenol-d6	6.53	99	70468	9.25	ng		-0.04
5) Nitrobenzene-d5	8.13	82	67049	5.40	ng		-0.03
9) 2,4,6-Tribromophenol	14.89	330	30731	11.29	ng		0.00
10) 2-Fluorobiphenyl	11.99	172	182756	6.38	ng		-0.02
20) Terphenyl-d14	18.61	244	324301	8.76	ng		0.00
Target Compounds							Qvalue
6) Naphthalene	9.58	128	237988	5.21	ng		99
7) 2-Methylnaphthalene	11.10	142	153026	8.57	ng		93
11) Acenaphthylene	13.09	152	1158214	6.66	ng		99
12) Acenaphthene	13.41	154	179171	4.76	ng	#	69
13) Fluorene	14.39	166	247561	5.93	ng		95
15) Phenanthrene	16.12	178	415032	5.18	ng		99
16) Anthracene	16.20	178	401503	7.15	ng		100
17) Fluoranthene	18.09	202	460417	7.96	ng		100
19) Pyrene	18.47	202	478648	8.03	ng		100
21) Benzo(a)anthracene	20.18	228	441730	8.13	ng		99
22) Chrysene	20.24	228	509293	5.38	ng		98
23) Indeno(1,2,3-cd)pyrene	23.69	276	449683	7.27	ng		94
25) Benzo(b)fluoranthene	21.54	252	461602	7.54	ng	#	97
26) Benzo(k)fluoranthene	21.57	252	471338	6.59	ng	#	96
27) Benzo(a)pyrene	22.00	252	421979	6.75	ng	#	96
28) Dibenzo(a,h)anthracene	23.64	278	405854	8.74	ng	#	95
29) Benzo(g,h,i)perylene	24.24	276	453211	7.66	ng	#	92

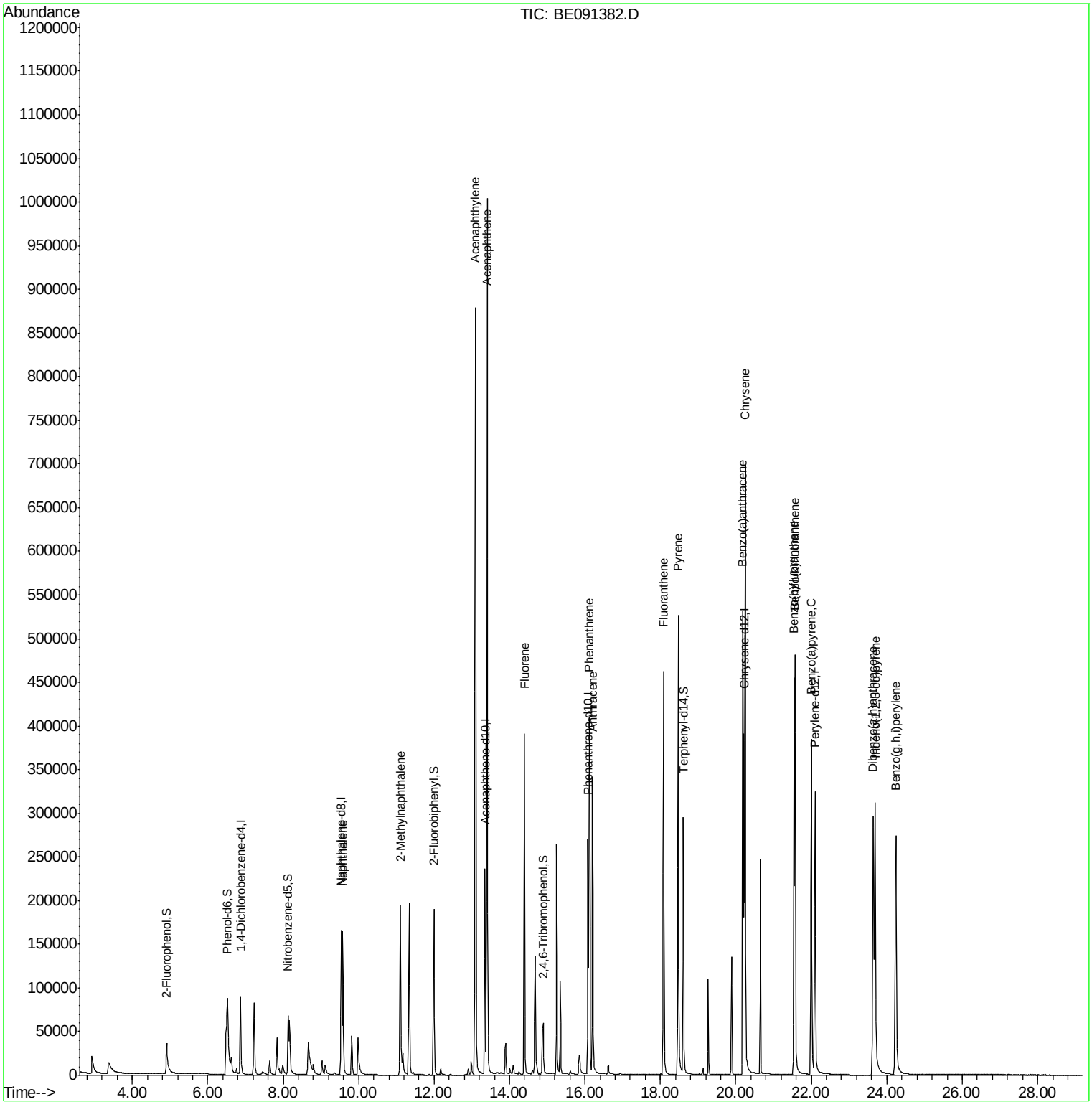
(#) = qualifier out of range (m) = manual integration (+) = signals summed

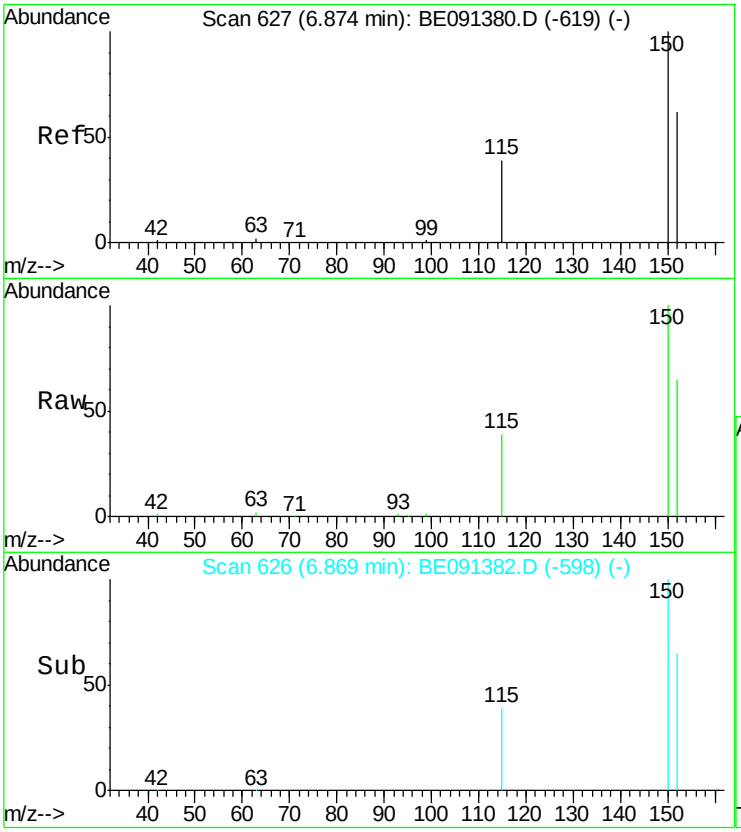
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091382.D
Acq On : 2 Feb 2016 17:58
Operator : UM/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 02 18:32:03 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 17:23:30 2016
Response via : Initial Calibration



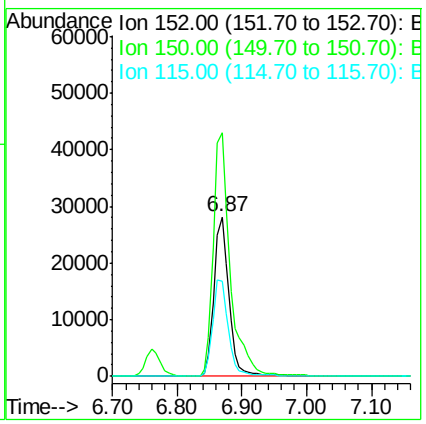


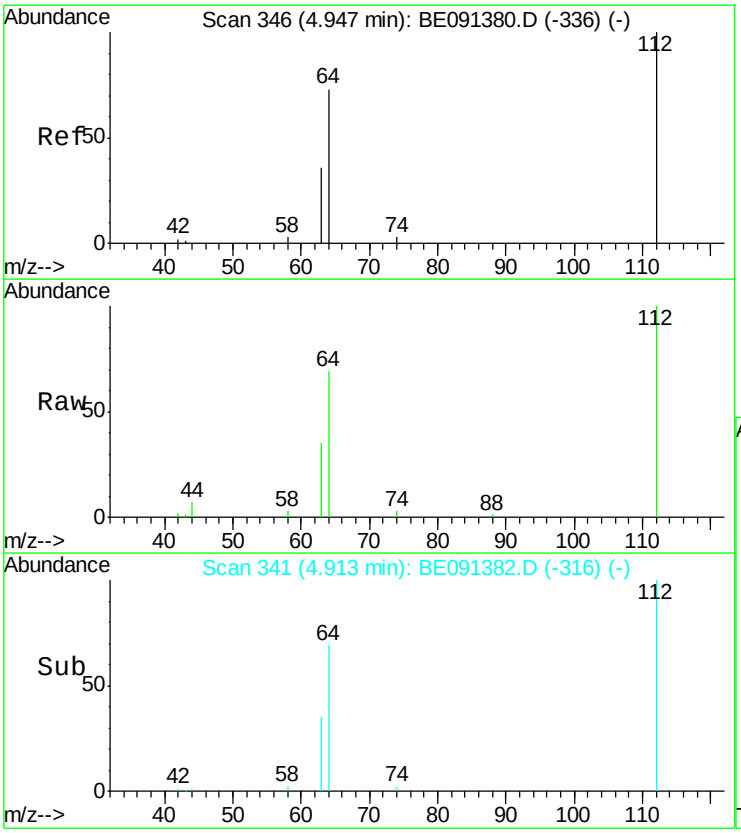
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 626
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 44729

Ion	Ratio	Lower	Upper
152	100		
150	152.8	121.6	182.4
115	60.0	50.6	75.8

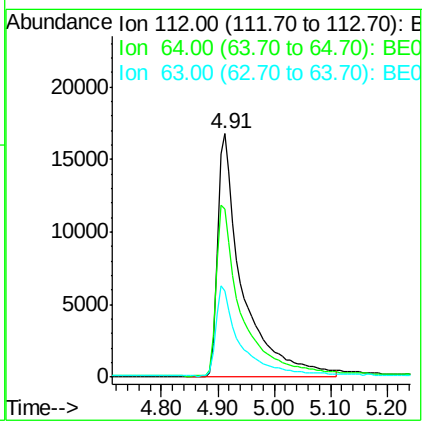


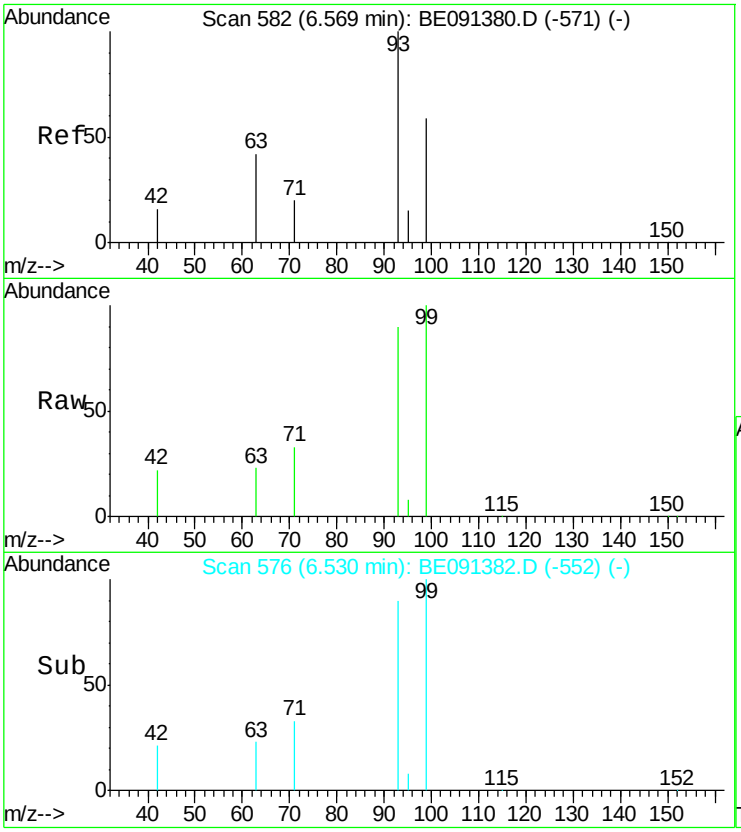


#2
2-Fluorophenol
Concen: 10.60 ng
RT: 4.91 min Scan# 341
Delta R.T. -0.03 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:112 Resp: 50494

Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.4	86.0
63	36.6	32.2	48.2



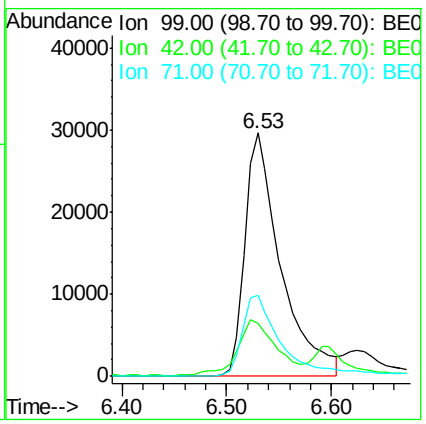


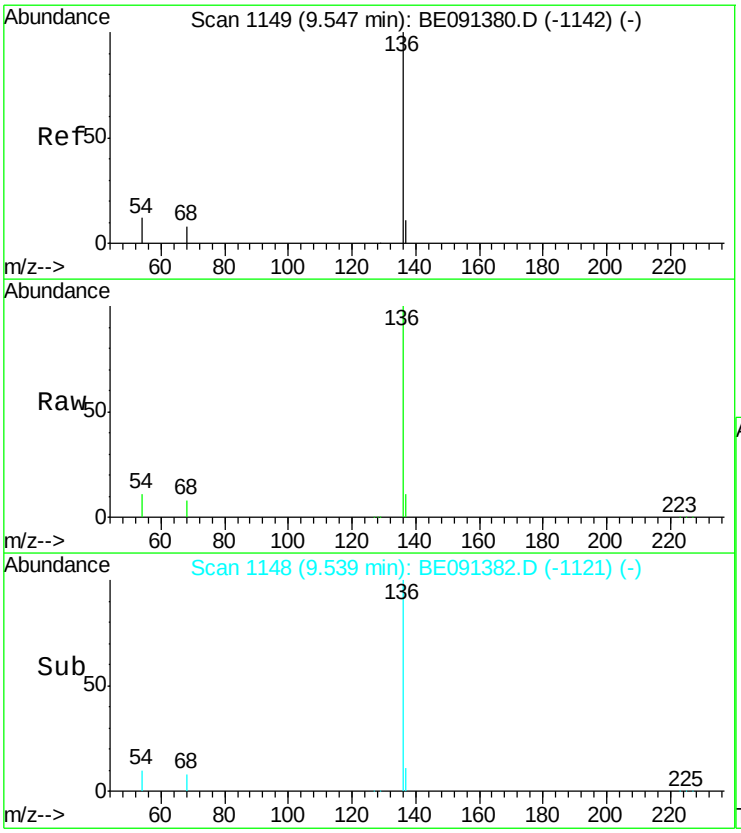
#3
Phenol-d6
Concen: 9.25 ng
RT: 6.53 min Scan# 576
Delta R.T. -0.04 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 70468

Ion	Ratio	Lower	Upper
99	100		
42	24.4	22.9	34.3
71	37.2	35.4	53.2

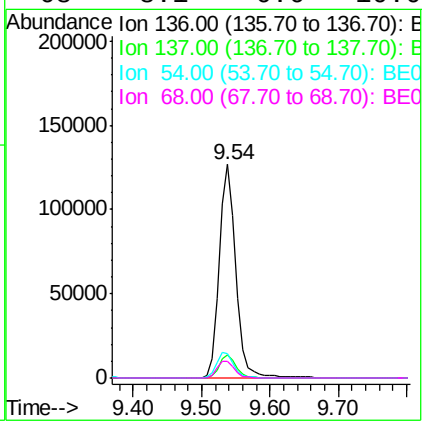


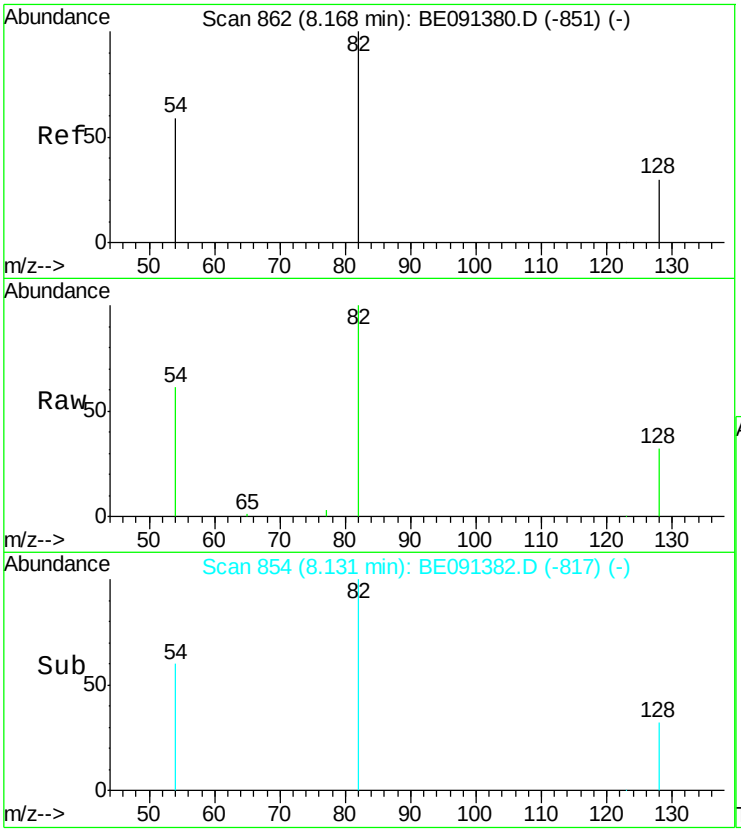


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.54 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:136 Resp: 214111

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.3	9.8	14.6
68	8.1	6.6	10.0



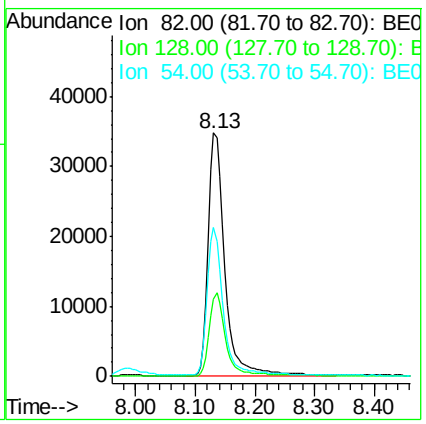


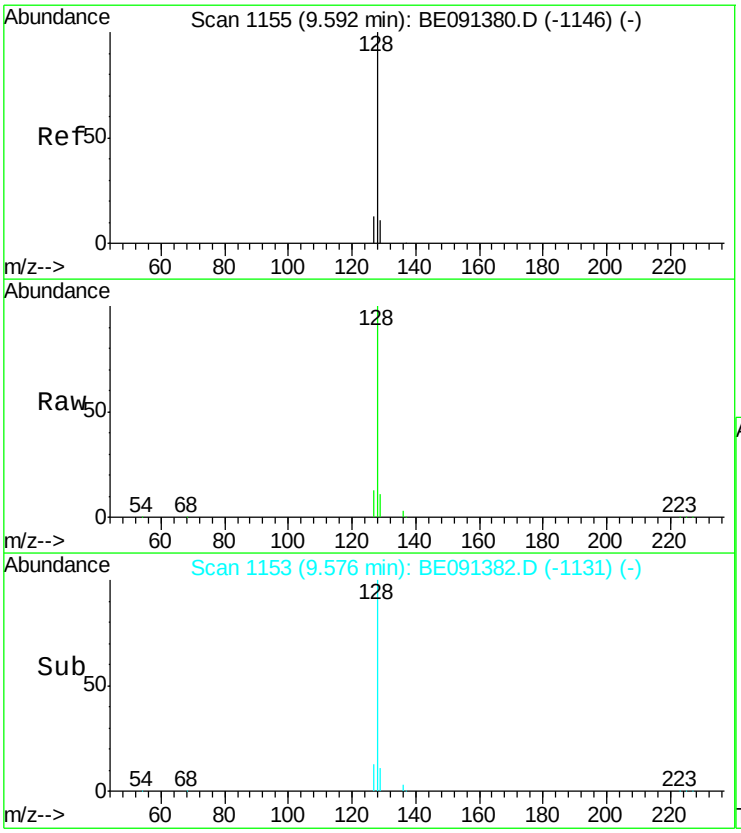
#5
Nitrobenzene-d5
Concen: 5.40 ng
RT: 8.13 min Scan# 854
Delta R.T. -0.03 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 67049

Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.6	36.8
54	61.0	52.7	79.1

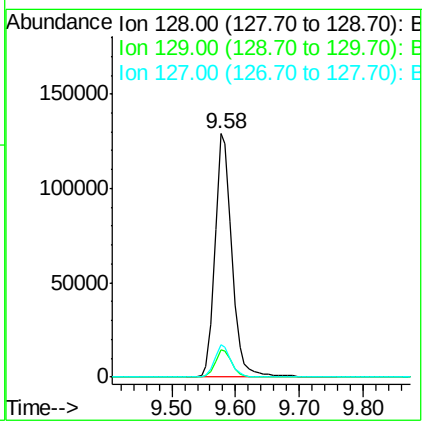


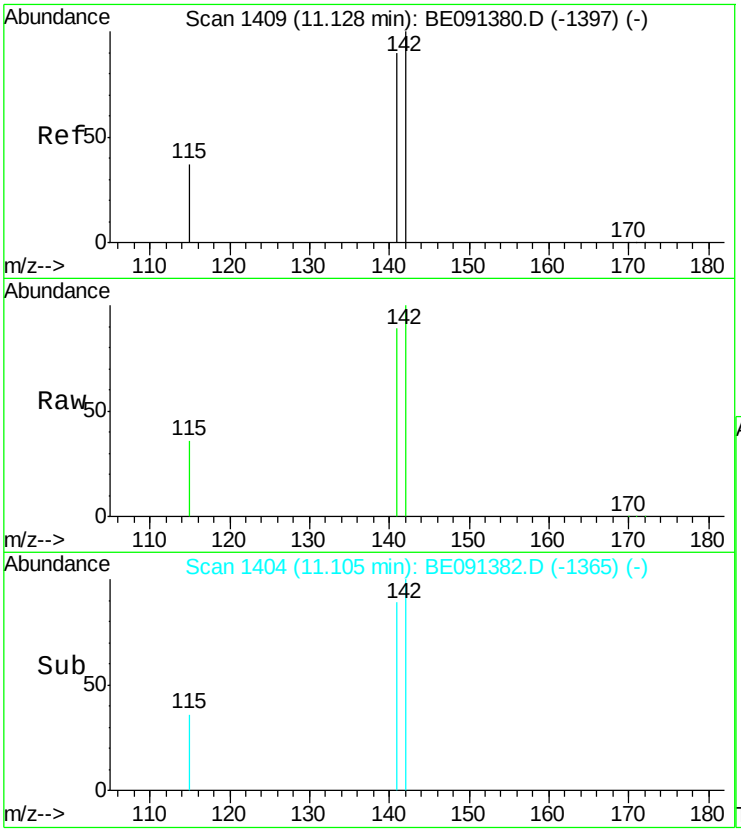


#6
Naphthalene
Concen: 5.21 ng
RT: 9.58 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:128 Resp: 237988

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.3	10.6	15.8



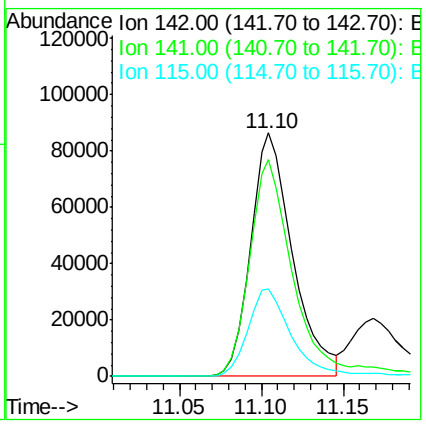


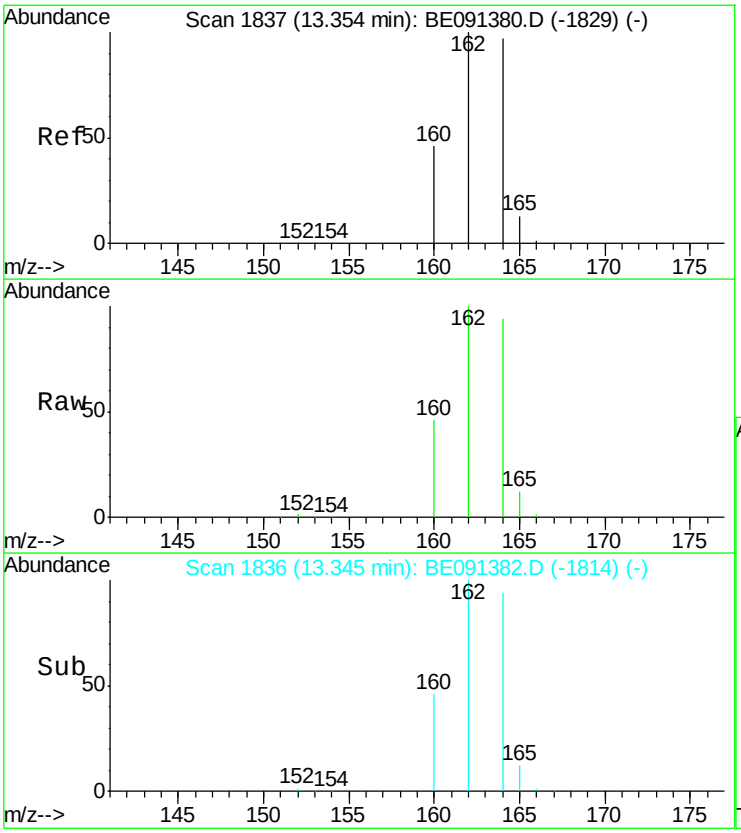
#7
2-Methylnaphthalene
Concen: 8.57 ng
RT: 11.10 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 153026

Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.5	111.7
115	36.0	35.2	52.8

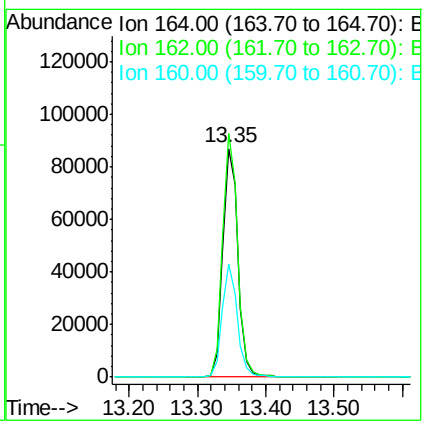


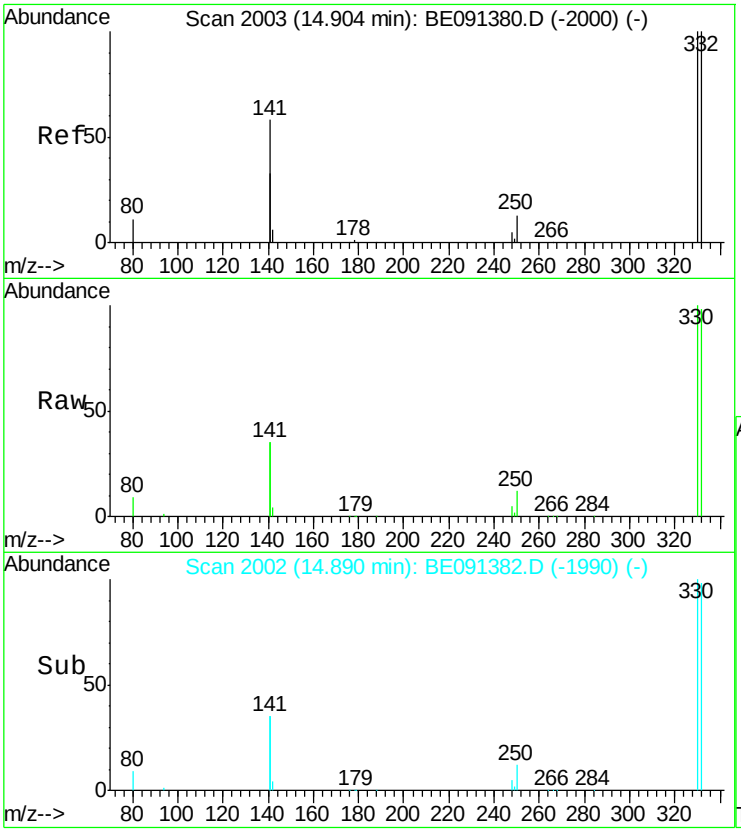


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.35 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:164 Resp: 132610

Ion	Ratio	Lower	Upper
164	100		
162	106.6	88.5	132.7
160	49.4	76.7	115.1#



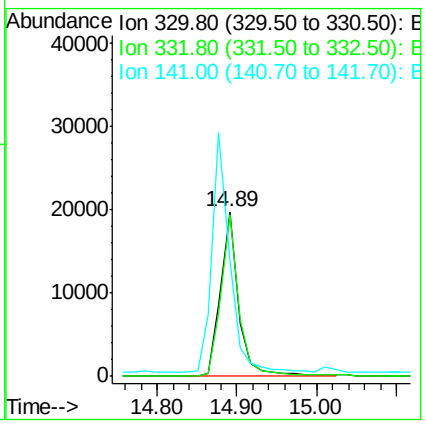


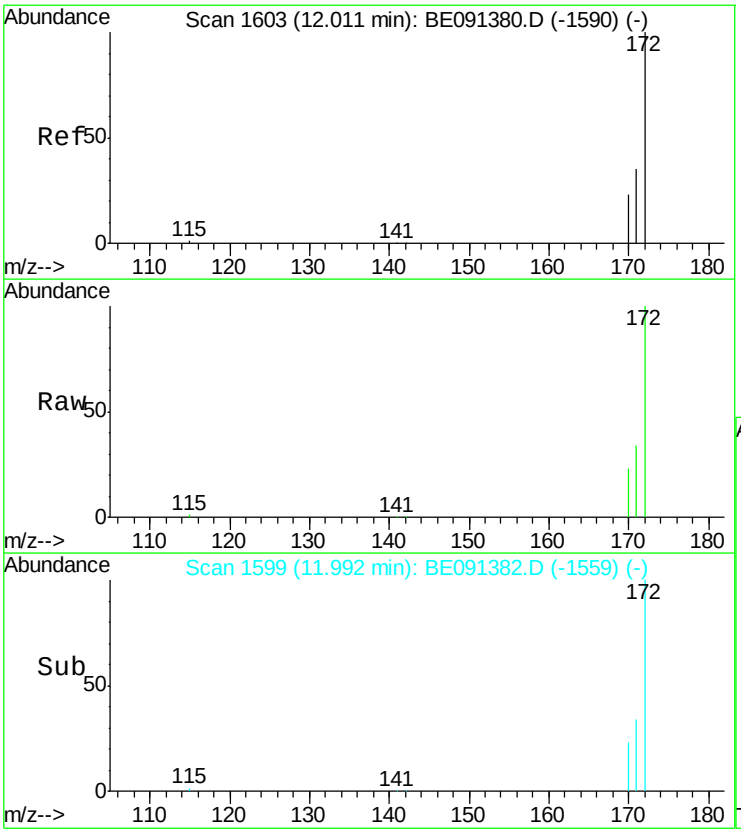
#9
2,4,6-Tribromophenol
Concen: 11.29 ng
RT: 14.89 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 30731

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.6	118.0
141	147.6	147.8	221.8#

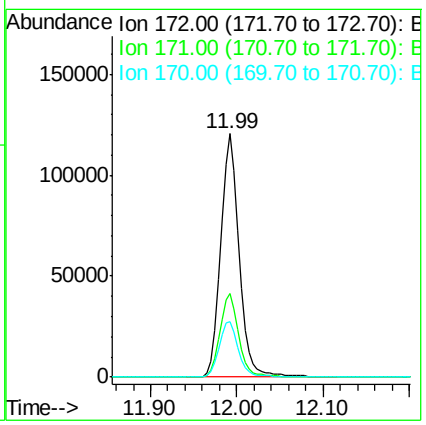


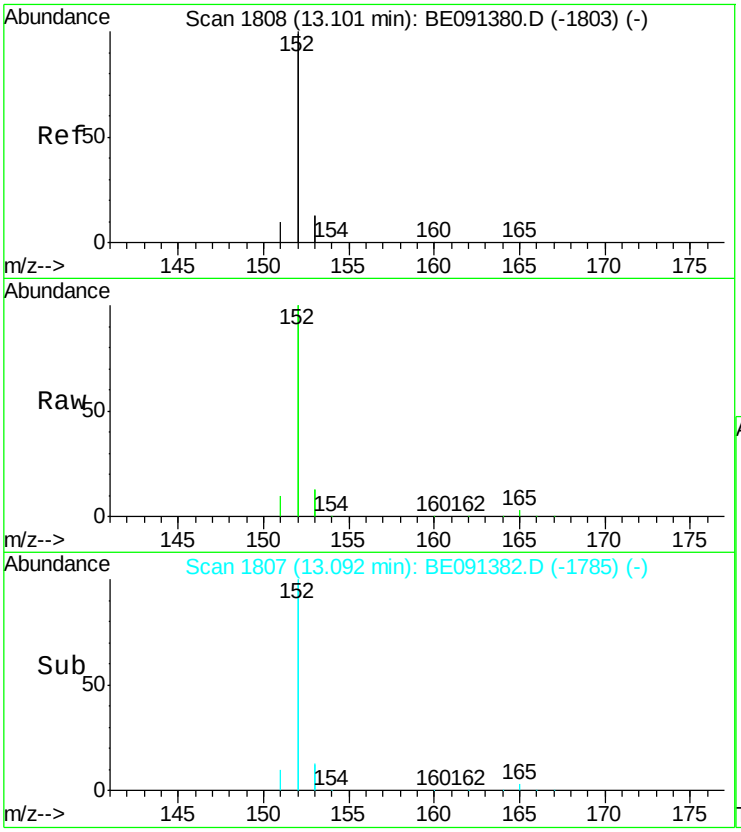


#10
2-Fluorobiphenyl
Concen: 6.38 ng
RT: 11.99 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:172 Resp: 182756

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	22.7	19.8	29.6



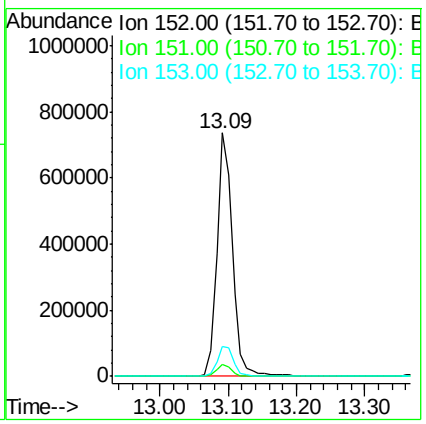


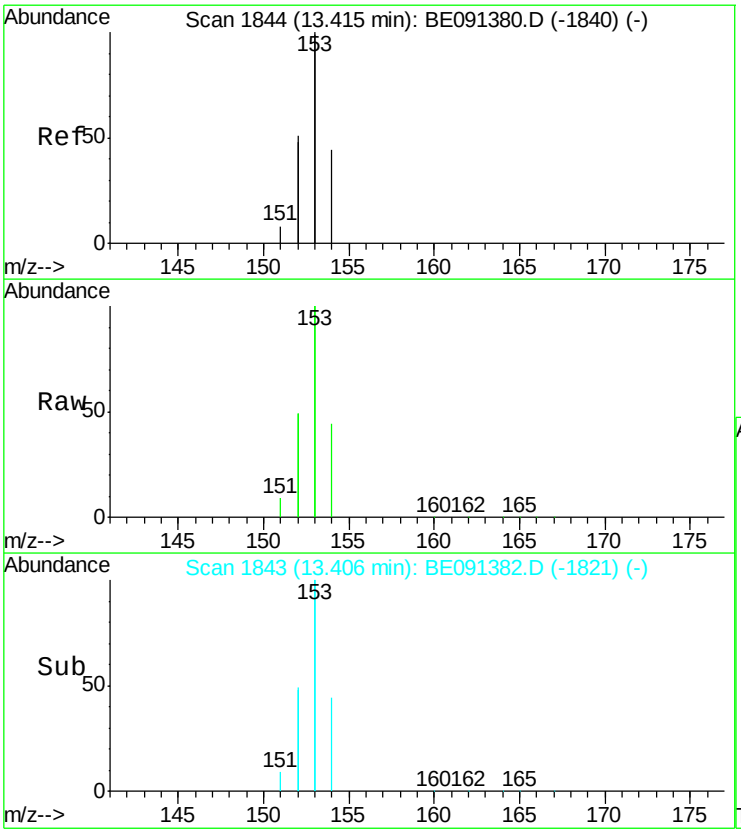
#11
Acenaphthylene
Concen: 6.66 ng
RT: 13.09 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1158214

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.1	15.1

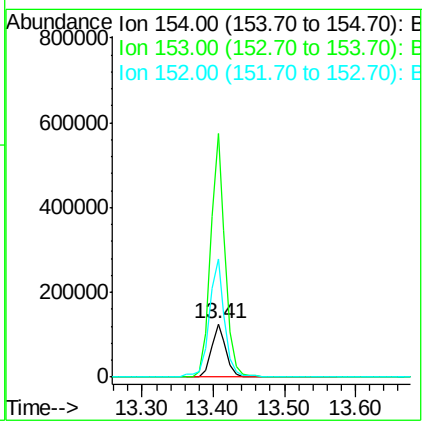


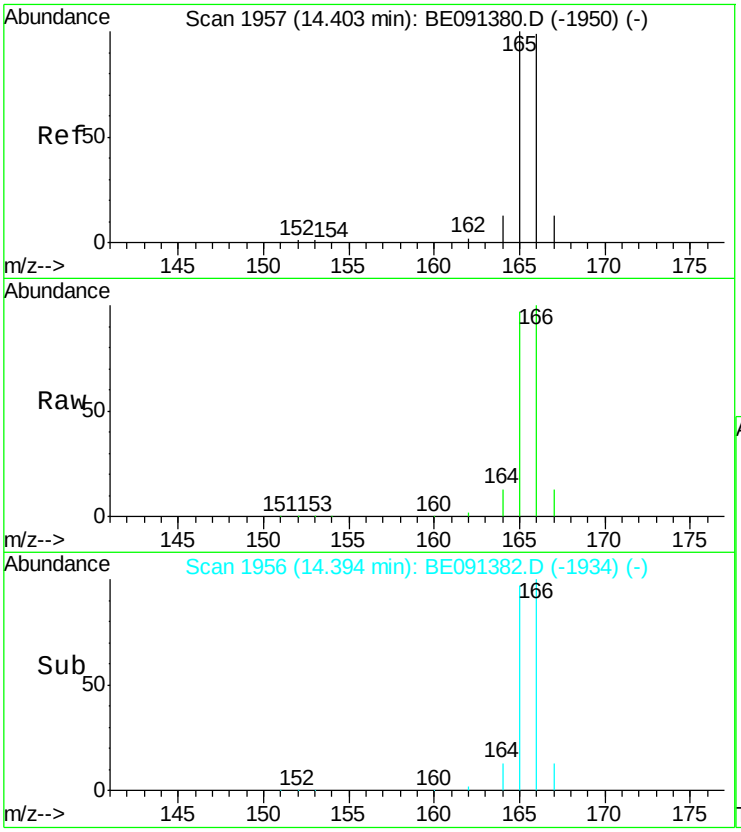


#12
Acenaphthene
Concen: 4.76 ng
RT: 13.41 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:154 Resp: 179171

Ion	Ratio	Lower	Upper
154	100		
153	458.7	370.2	555.4
152	233.4	310.5	465.7#



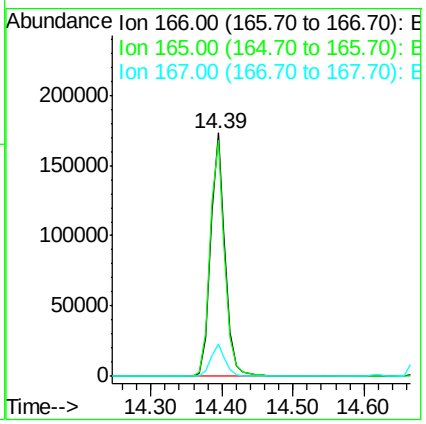


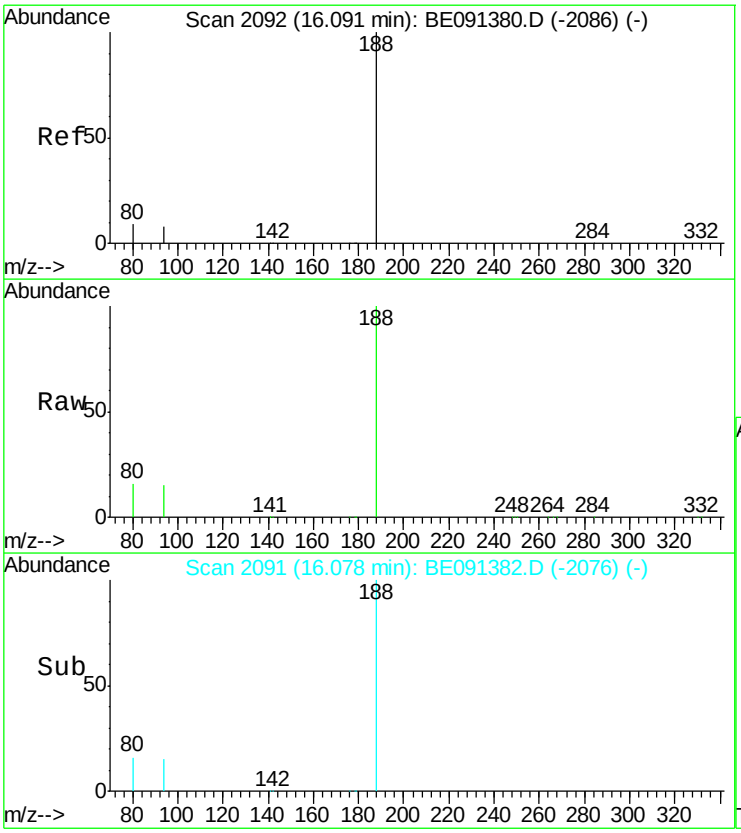
#13
Fluorene
Concen: 5.93 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 247561

Ion	Ratio	Lower	Upper
166	100		
165	98.6	83.0	124.6
167	13.4	11.1	16.7

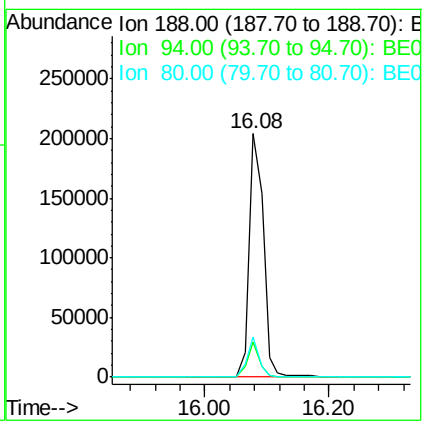


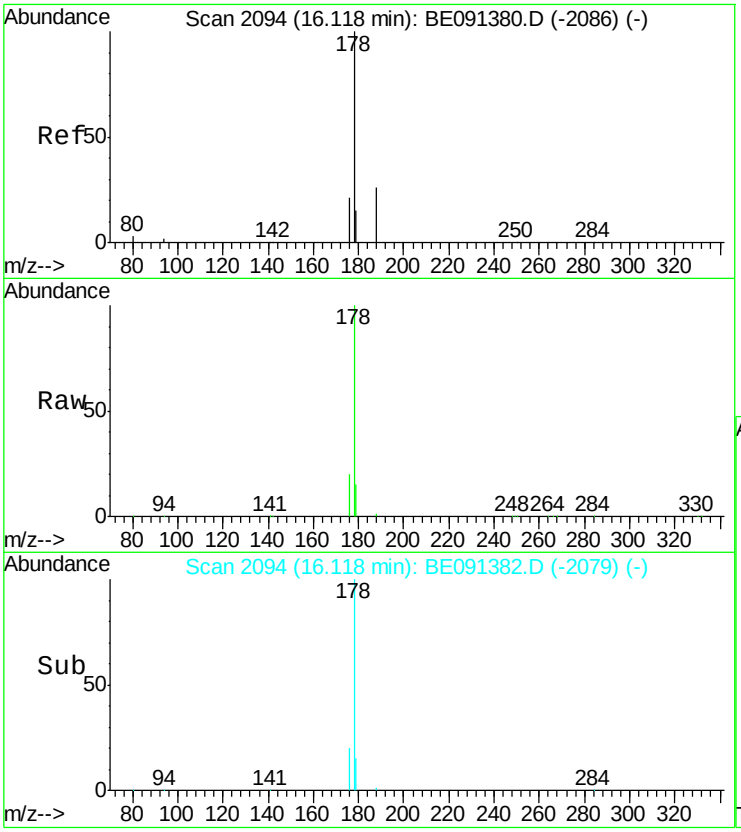


#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:188 Resp: 323851

Ion	Ratio	Lower	Upper
188	100		
94	14.6	7.5	11.3#
80	16.4	8.2	12.2#



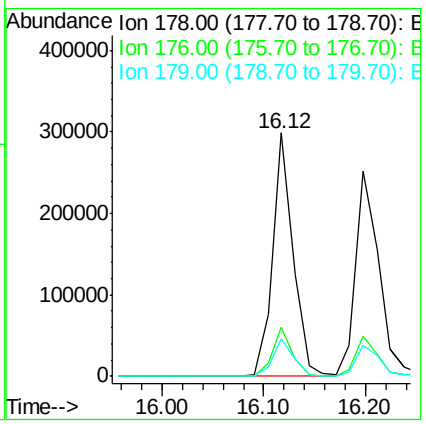


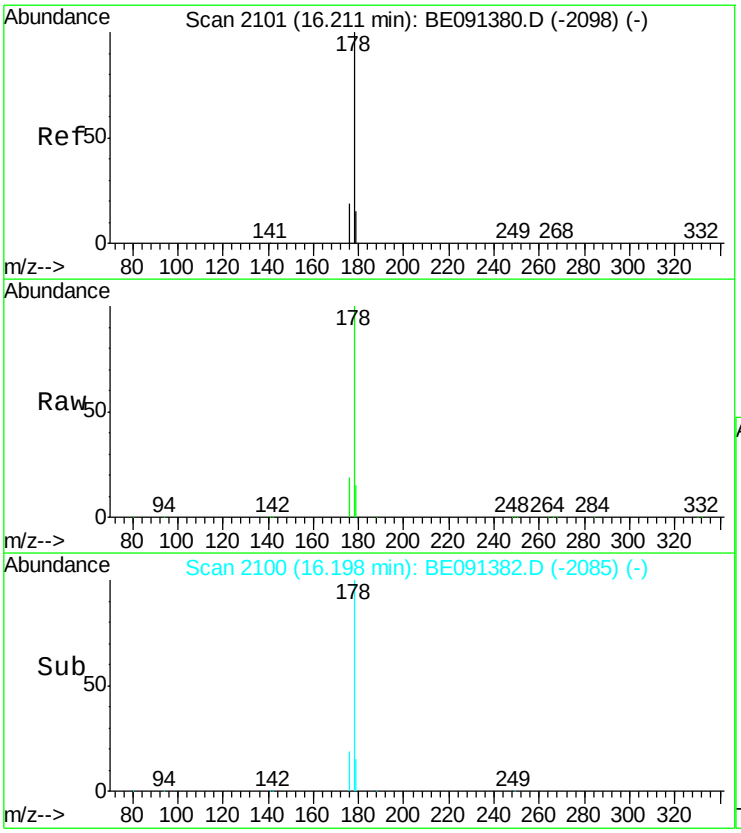
#15
Phenanthrene
Concen: 5.18 ng
RT: 16.12 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 415032

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.8	19.2

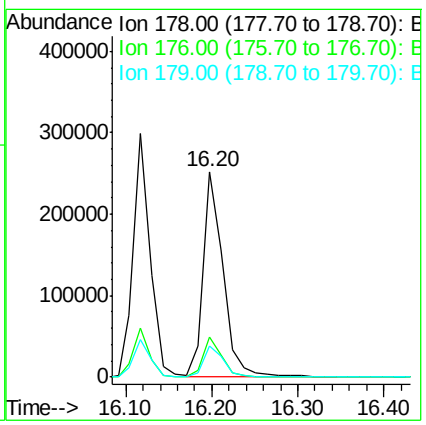


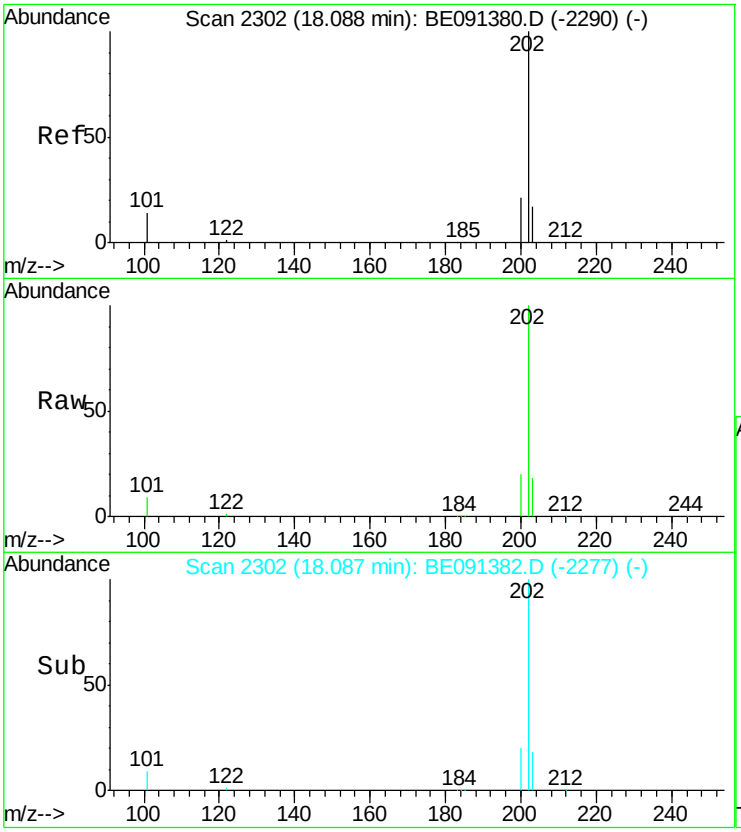


#16
Anthracene
Concen: 7.15 ng
RT: 16.20 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:178 Resp: 401503

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6



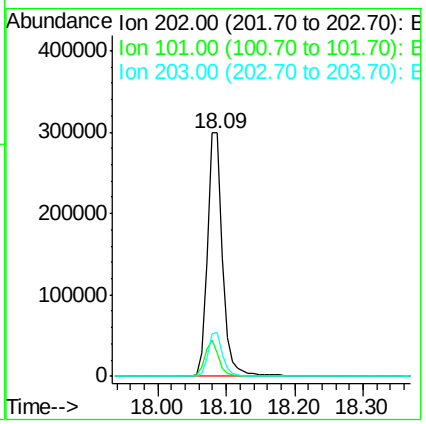


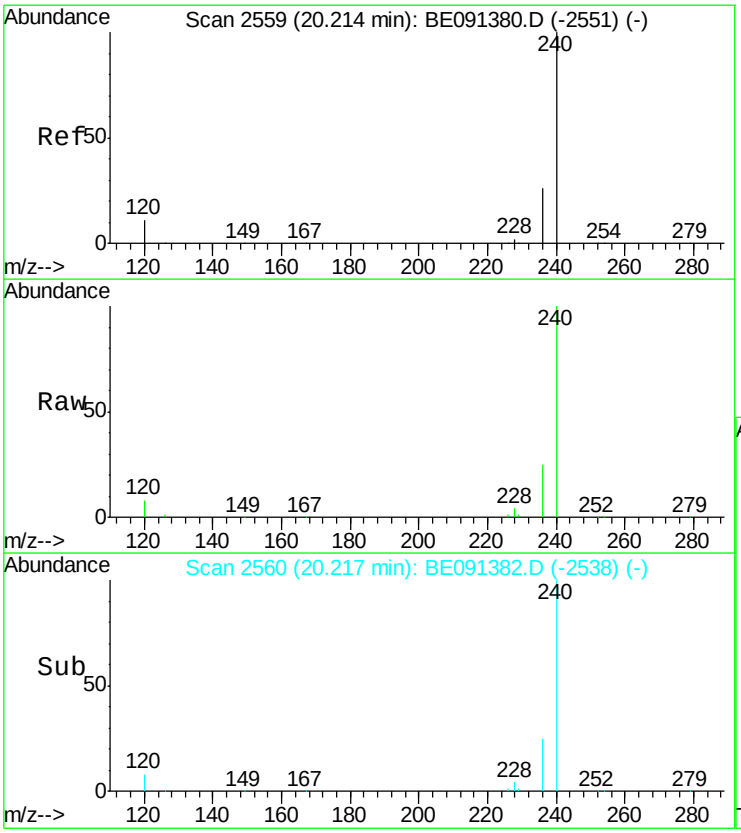
#17
Fluoranthene
Concen: 7.96 ng
RT: 18.09 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 460417

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.4
203	17.6	13.9	20.9

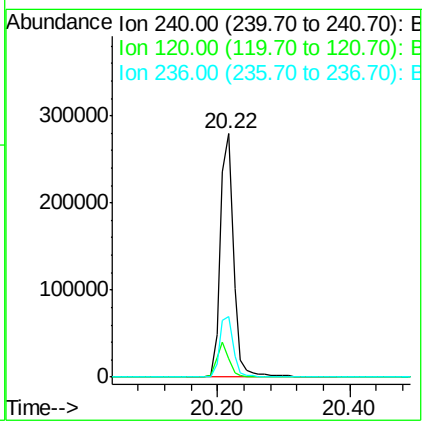


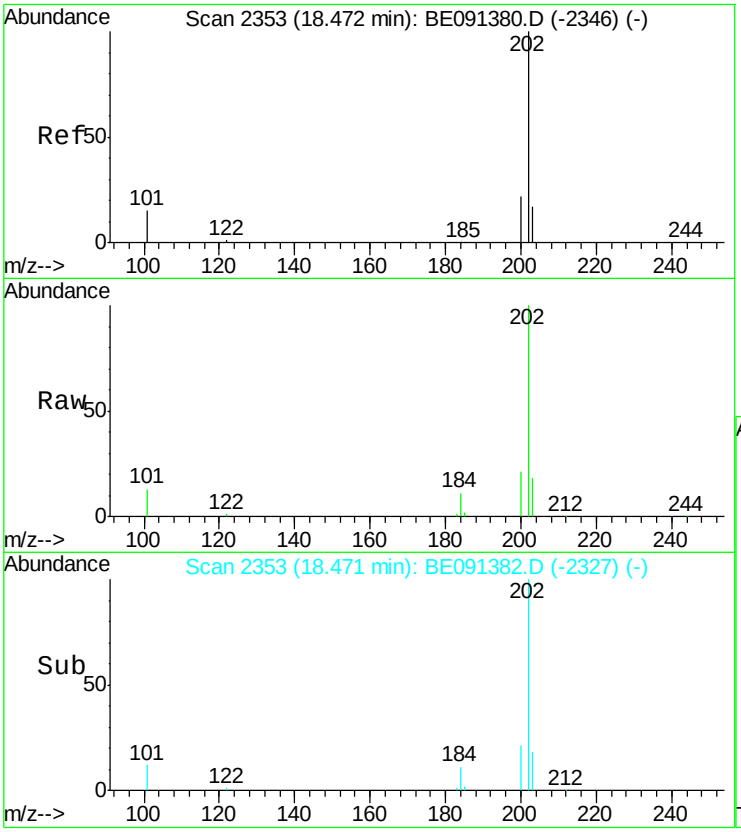


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:240 Resp: 390239

Ion	Ratio	Lower	Upper
240	100		
120	7.8	12.6	19.0#
236	24.8	22.7	34.1



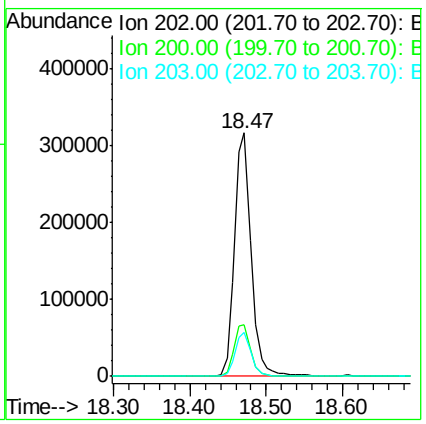


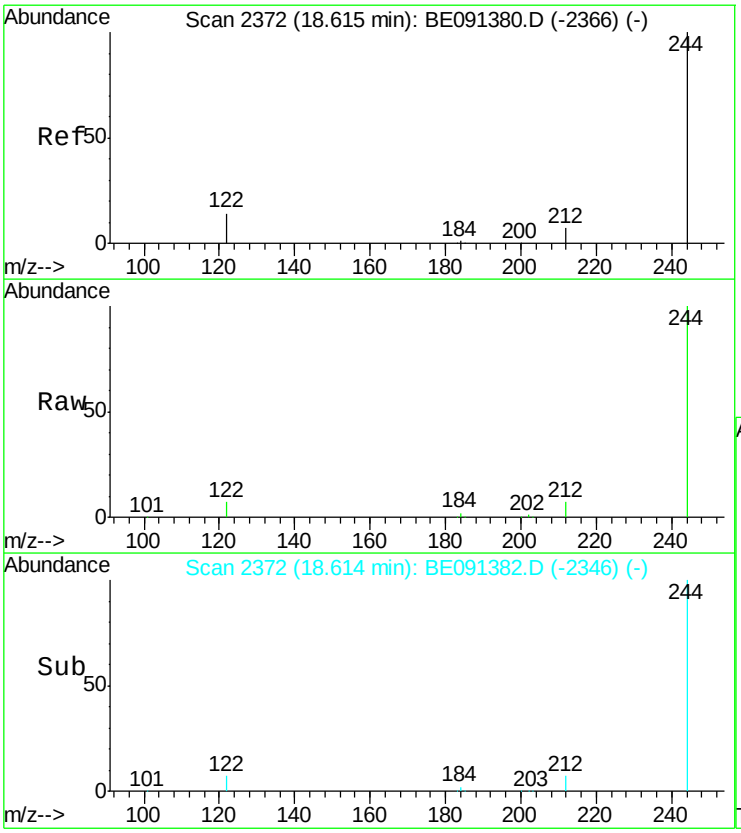
#19
Pyrene
Concen: 8.03 ng
RT: 18.47 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 478648

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.8	14.2	21.4

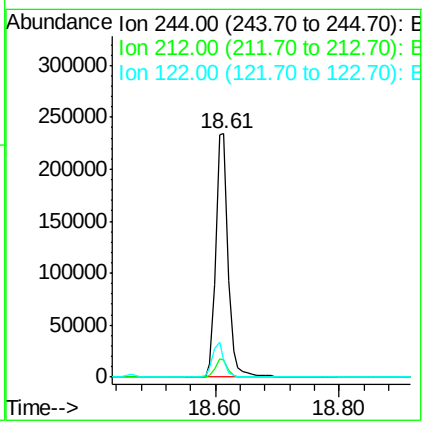


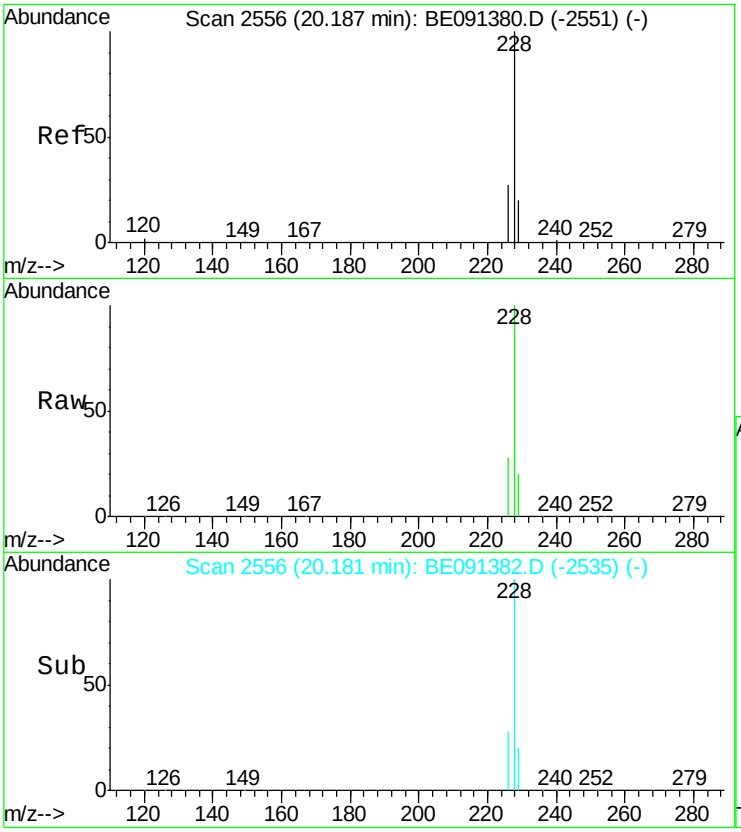


#20
Terphenyl-d14
Concen: 8.76 ng
RT: 18.61 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:244 Resp: 324301

Ion	Ratio	Lower	Upper
244	100		
212	6.9	7.0	10.4#
122	6.8	8.5	12.7#



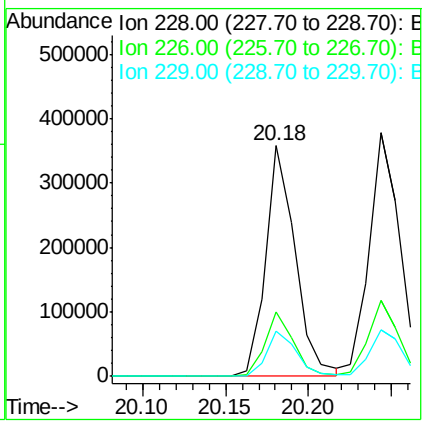


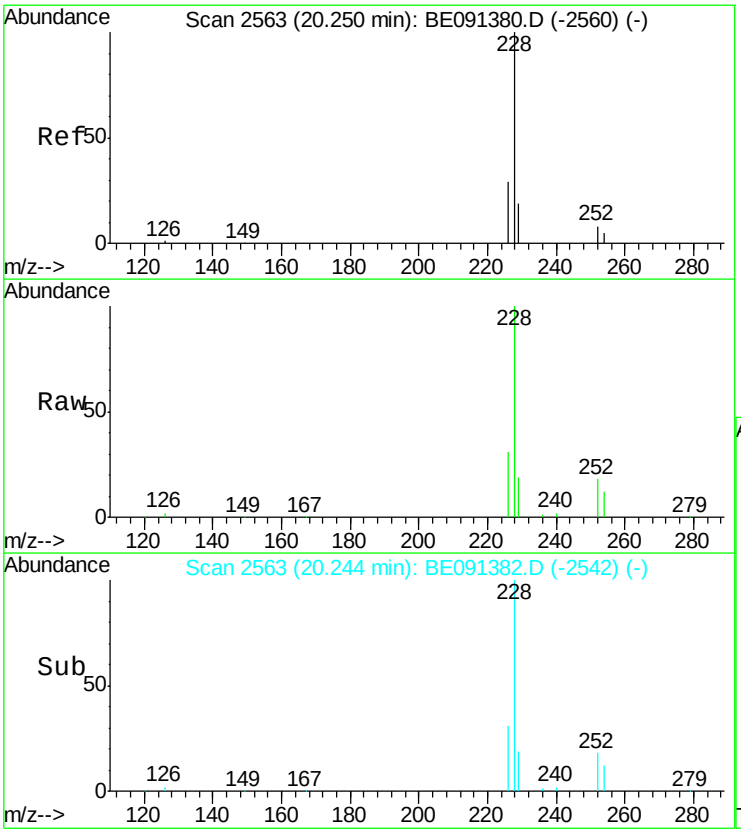
#21
Benzo(a)anthracene
Concen: 8.13 ng
RT: 20.18 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 441730

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	19.6	16.2	24.4

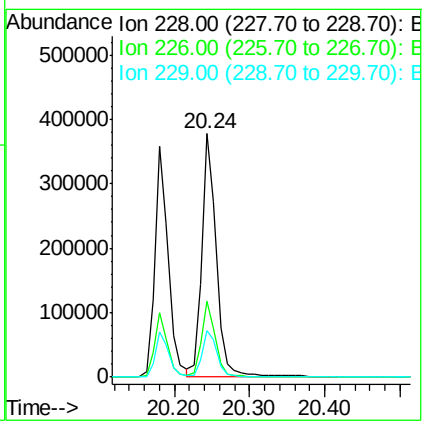


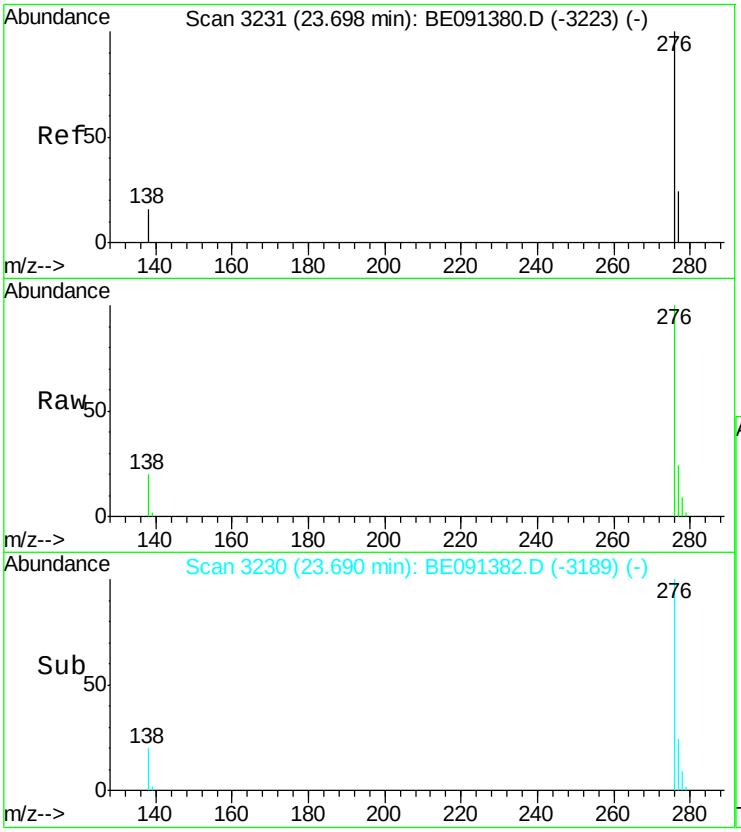


#22
Chrysene
Concen: 5.38 ng
RT: 20.24 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:228 Resp: 509293

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	19.3	16.0	24.0



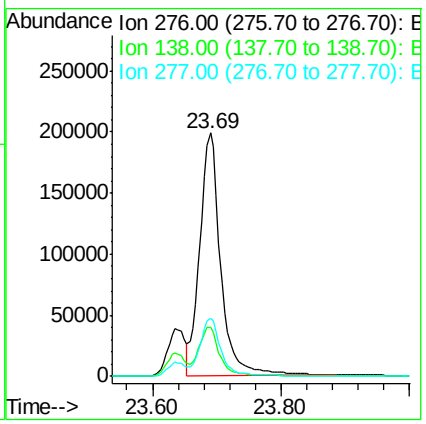


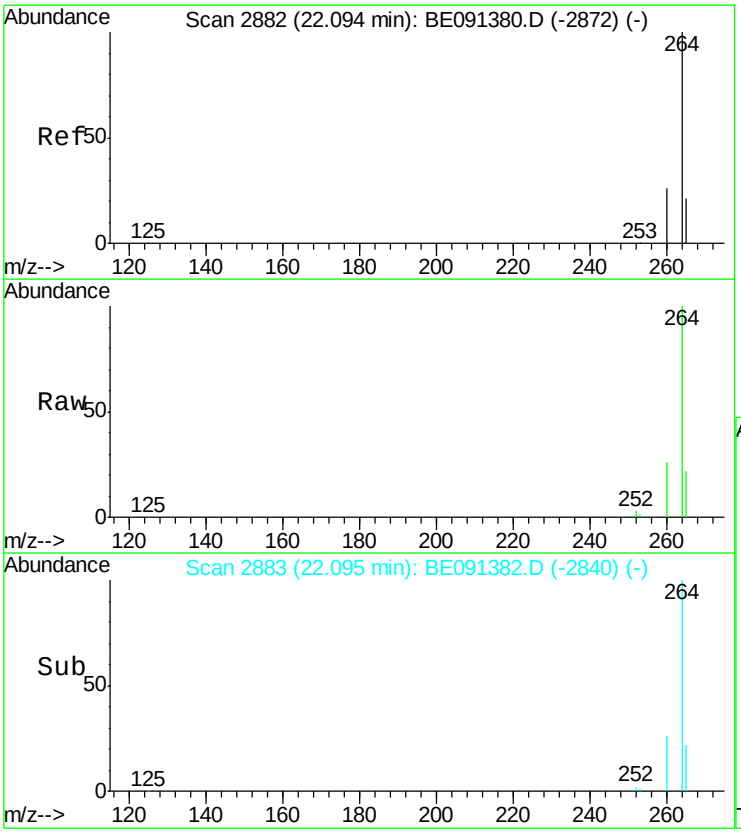
#23
Indeno(1,2,3-cd)pyrene
Concen: 7.27 ng
RT: 23.69 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 449683

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.6	27.8
277	23.8	16.5	24.7

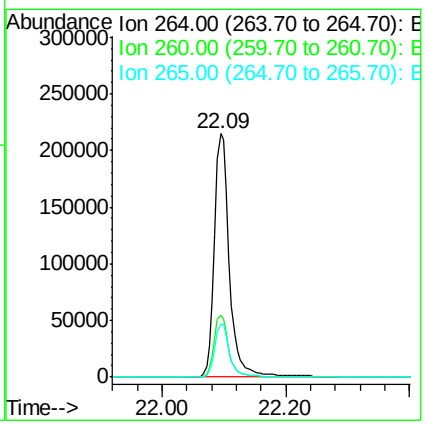


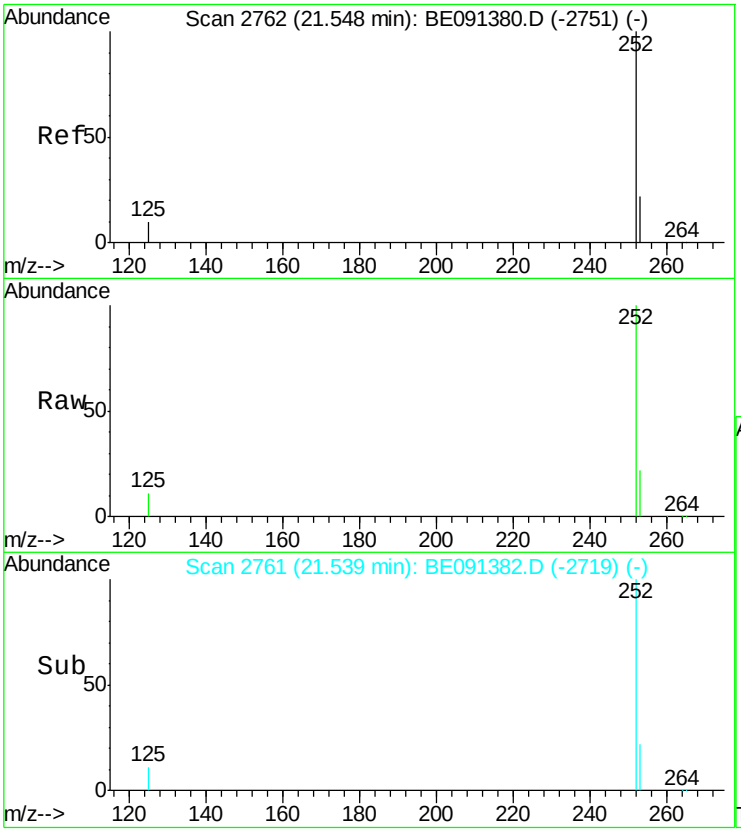


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.09 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:264 Resp: 364667

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



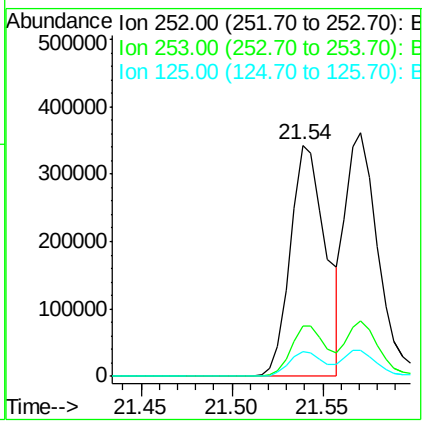


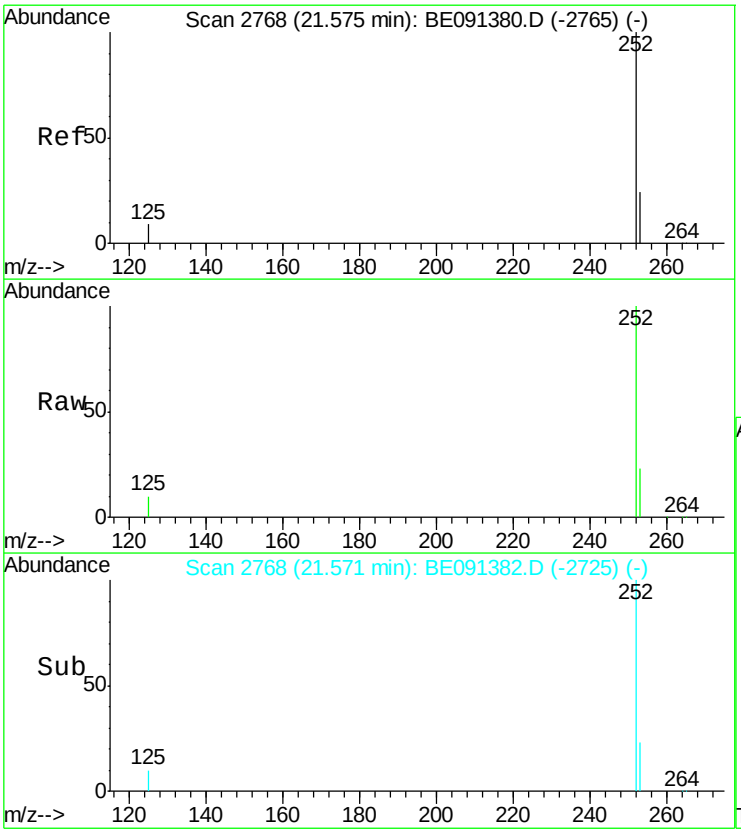
#25
Benzo(b)fluoranthene
Concen: 7.54 ng
RT: 21.54 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 461602

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.0	11.0	16.6#

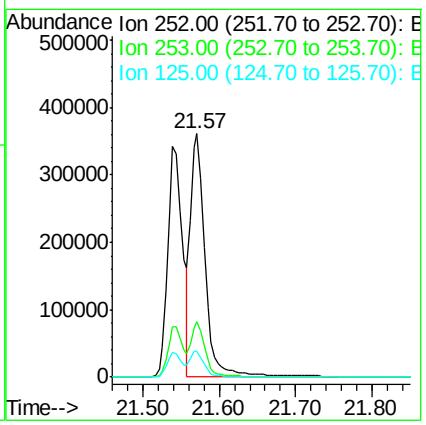


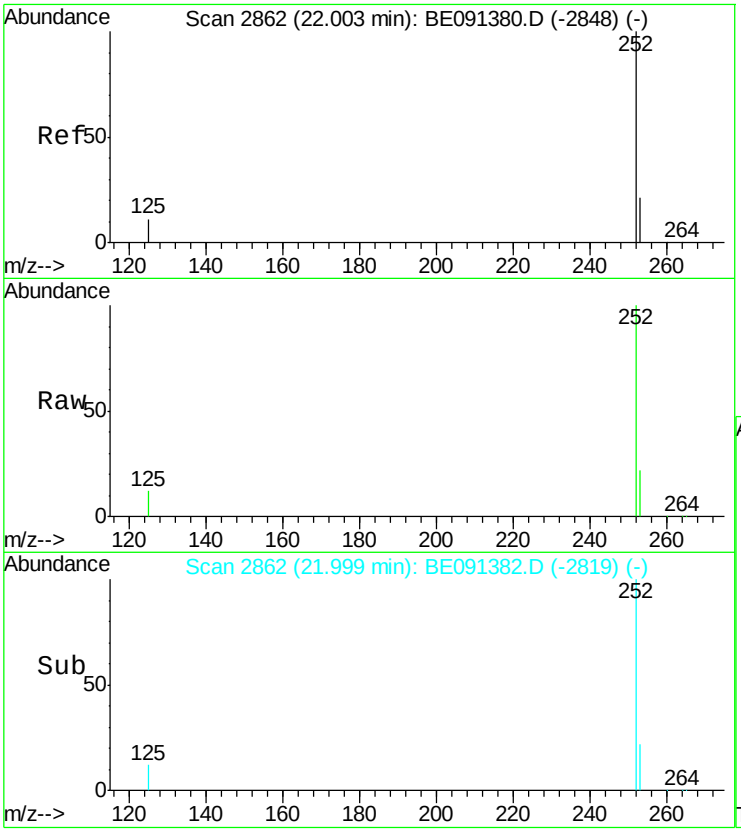


#26
Benzo(k)fluoranthene
Concen: 6.59 ng
RT: 21.57 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:252 Resp: 471338

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.5	11.3	16.9#



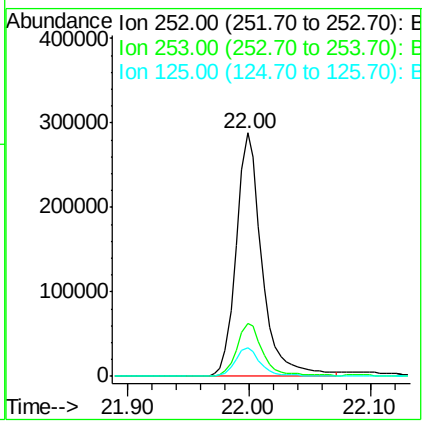


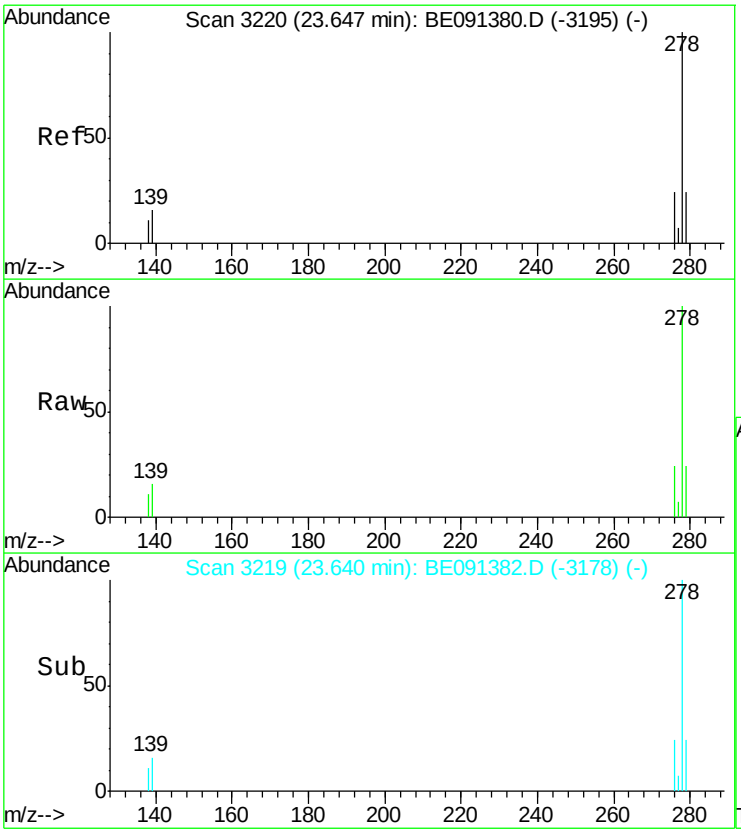
#27
Benzo(a)pyrene
Concen: 6.75 ng
RT: 22.00 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 421979

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.8	12.2	18.4#

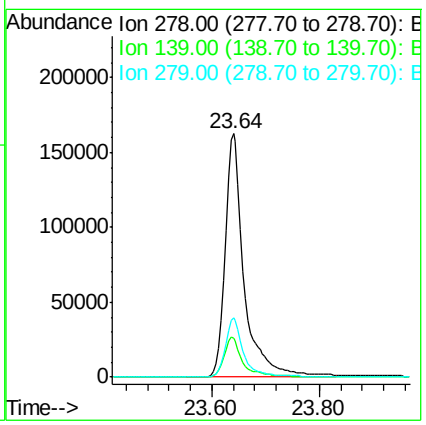


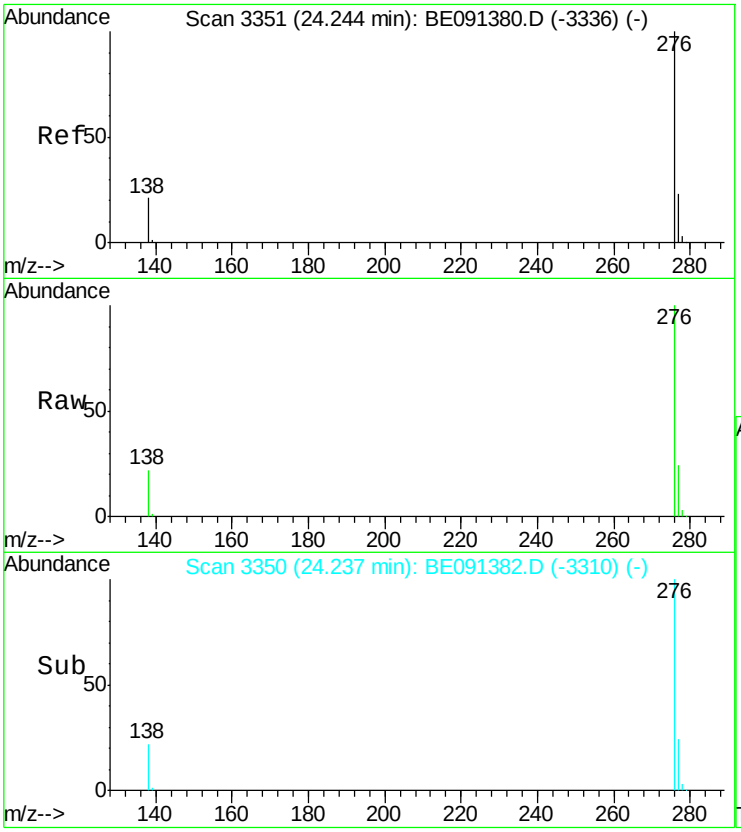


#28
Dibenzo(a,h)anthracene
Concen: 8.74 ng
RT: 23.64 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Tgt Ion:278 Resp: 405854

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.3	24.5#
279	24.4	19.4	29.2





#29
Benzo(g,h,i)perylene
Concen: 7.66 ng
RT: 24.24 min Scan# 3350
Delta R.T. -0.02 min
Lab File: BE091382.D
Acq: 2 Feb 2016 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 453211

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.6
138	22.0	23.3	34.9#