Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091381.D
Acq On : 2 Feb 2016 17:19
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 02 17:54:05 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 17:28:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	46494	5.00	ng		0.00
4) Naphthalene-d8	9.55	136	221204	5.00	ng		0.00
8) Acenaphthene-d10	13.35	164	136522	5.00	ng		0.00
14) Phenanthrene-d10	16.08	188	335402	5.00	ng		-0.01
18) Chrysene-d12	20.22	240	393063	5.00	ng		0.00
24) Perylene-d12	22.10	264	360641	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	4.93	112	18623	3.76	ng		-0.02
3) Phenol-d6	6.55	99	24581	3.10	ng		-0.02
5) Nitrobenzene-d5	8.15	82	22936	1.79	ng		-0.02
9) 2,4,6-Tribromophenol	14.89	330	9646	3.44	ng		-0.01
10) 2-Fluorobiphenyl	12.00	172	72829	2.47	ng		0.00
20) Terphenyl-d14	18.61	244	125261	3.36	ng		0.00
Target Compounds							Qvalue
6) Naphthalene	9.58	128	97031	2.06	ng		99
7) 2-Methylnaphthalene	11.12	142	56960	3.09	ng	#	91
11) Acenaphthylene	13.10	152	420832	2.35	ng		99
12) Acenaphthene	13.41	154	72453	1.87	ng	#	70
13) Fluorene	14.40	166	100277	2.33	ng		96
15) Phenanthrene	16.12	178	174121	2.10	ng		99
16) Anthracene	16.21	178	159581	2.74	ng		100
17) Fluoranthene	18.09	202	170417	2.84	ng		100
19) Pyrene	18.47	202	182299	3.04	ng		99
21) Benzo(a)anthracene	20.19	228	154537	2.82	ng		97
22) Chrysene	20.24	228	205481	2.15	ng		97
23) Indeno(1,2,3-cd)pyrene	23.69	276	159487	2.56	ng		93
25) Benzo(b)fluoranthene	21.54	252	157532	2.60	ng	#	97
26) Benzo(k)fluoranthene	21.57	252	191991	2.71	ng	#	96
27) Benzo(a)pyrene	22.00	252	147173	2.38	ng	#	96
28) Dibenzo(a,h)anthracene	23.64	278	135558	2.95	ng	#	95
29) Benzo(g,h,i)perylene	24.24	276	164074	2.80	ng	#	91

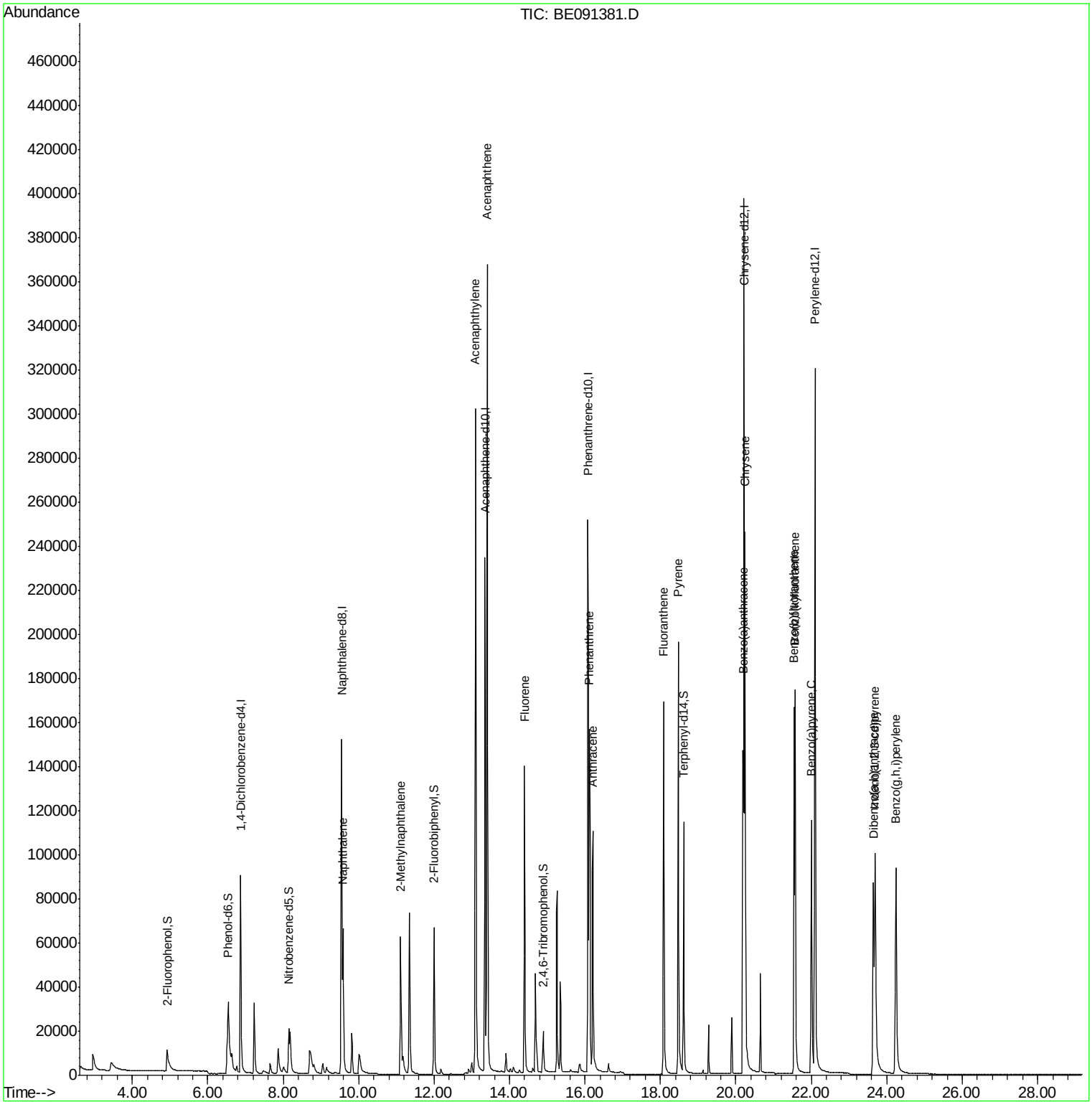
(#) = qualifier out of range (m) = manual integration (+) = signals summed

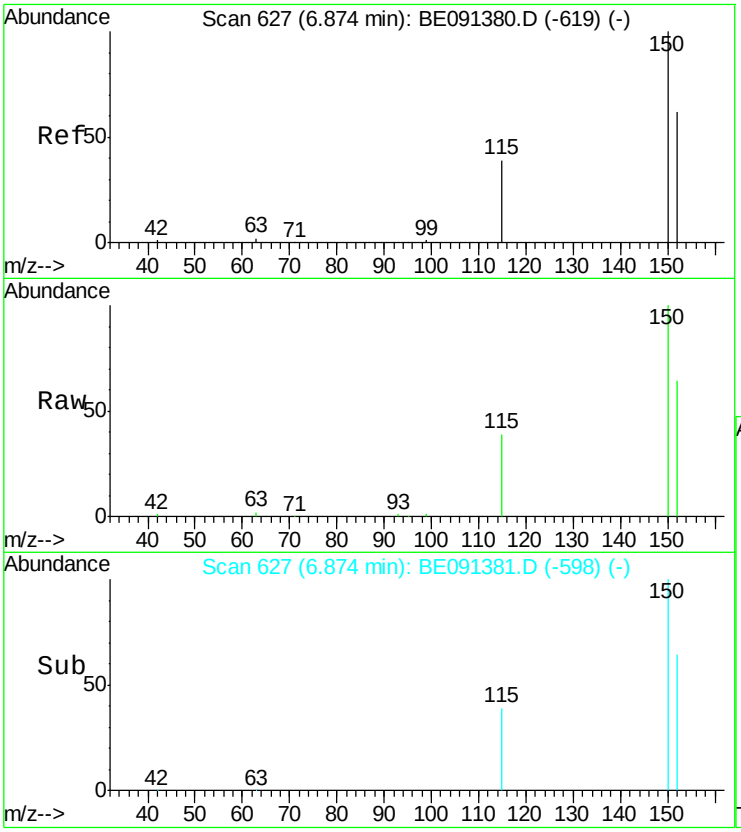
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091381.D
Acq On : 2 Feb 2016 17:19
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 02 17:54:05 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 17:28:11 2016
Response via : Initial Calibration



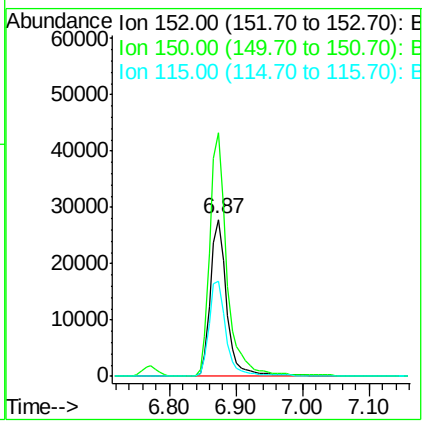


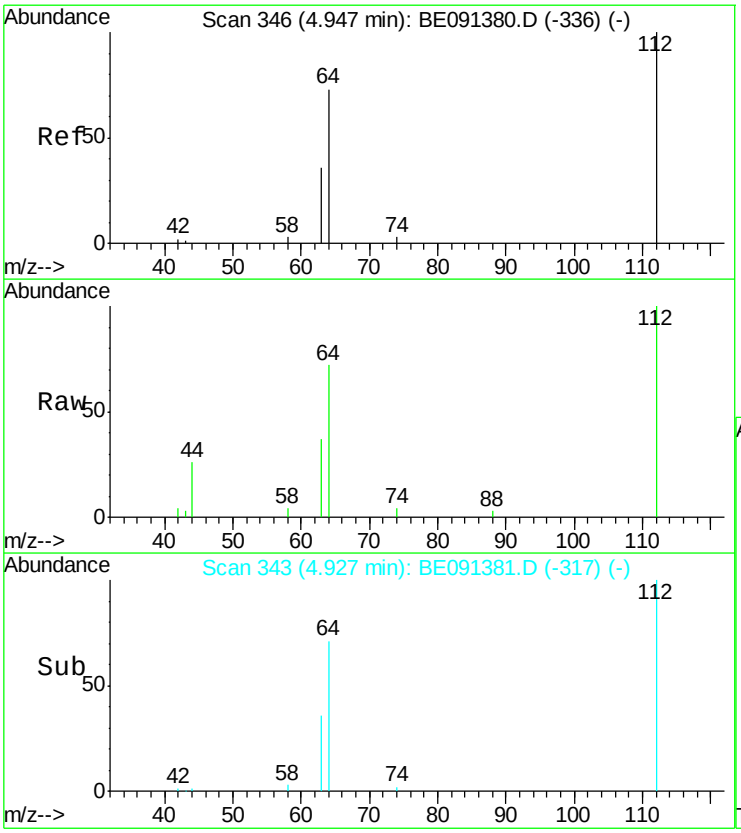
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 627
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 46494

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.6	182.4
115	60.7	50.6	75.8

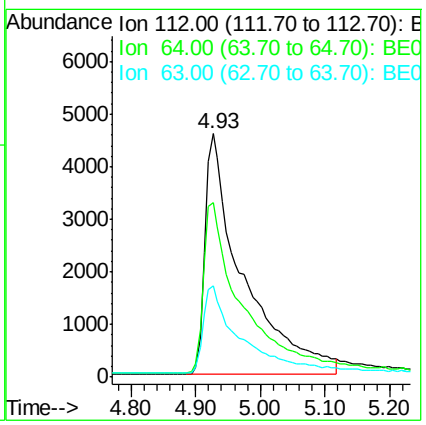


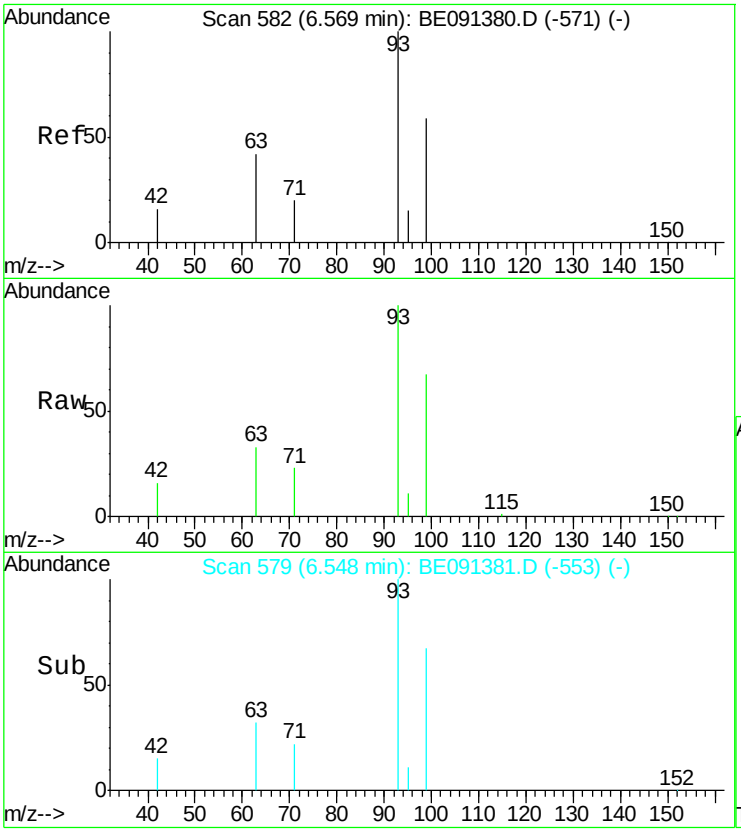


#2
2-Fluorophenol
Concen: 3.76 ng
RT: 4.93 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:112 Resp: 18623

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.4	86.0
63	36.6	32.2	48.2

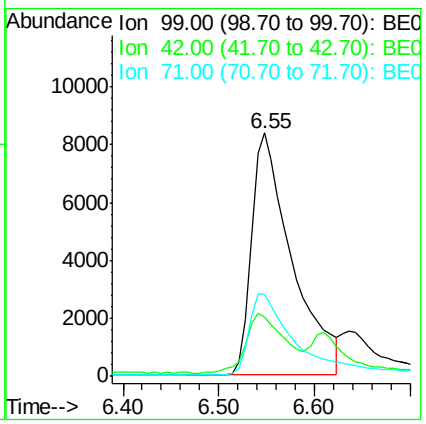




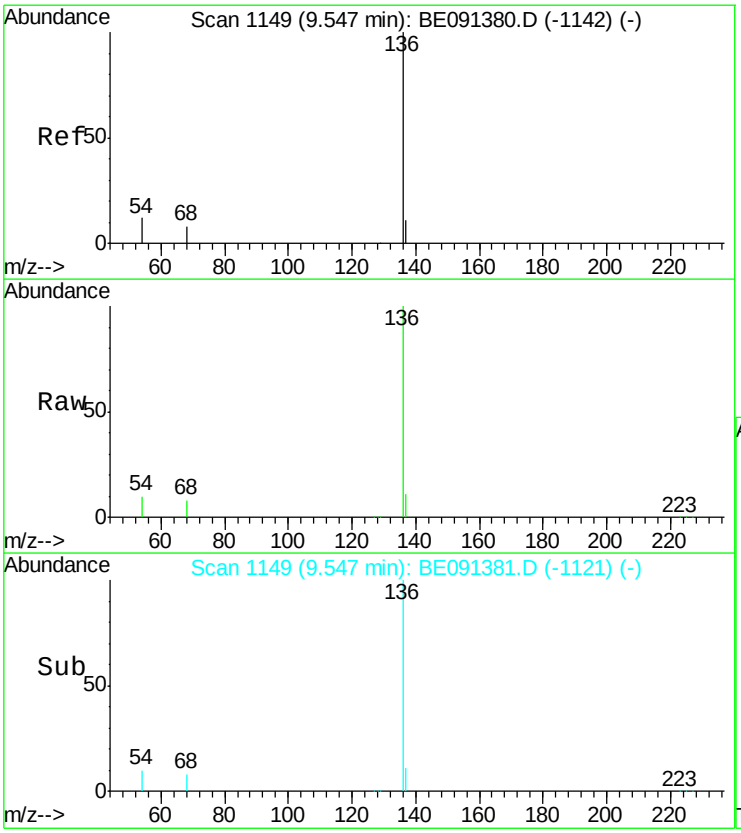
#3
Phenol-d6
Concen: 3.10 ng
RT: 6.55 min Scan# 579
Delta R.T. -0.02 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion: 99 Resp: 24581

Ion	Ratio	Lower	Upper
99	100		
42	23.7	22.9	34.3
71	38.5	35.4	53.2



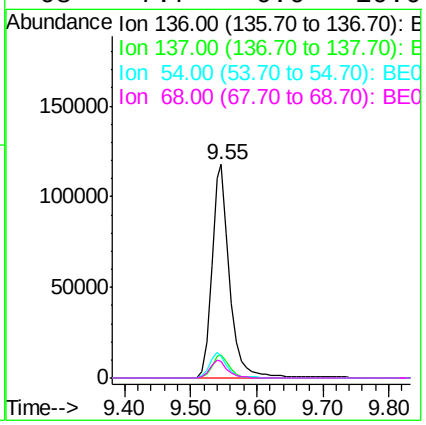
Instrument :
BNA_E
ClientSampleId :

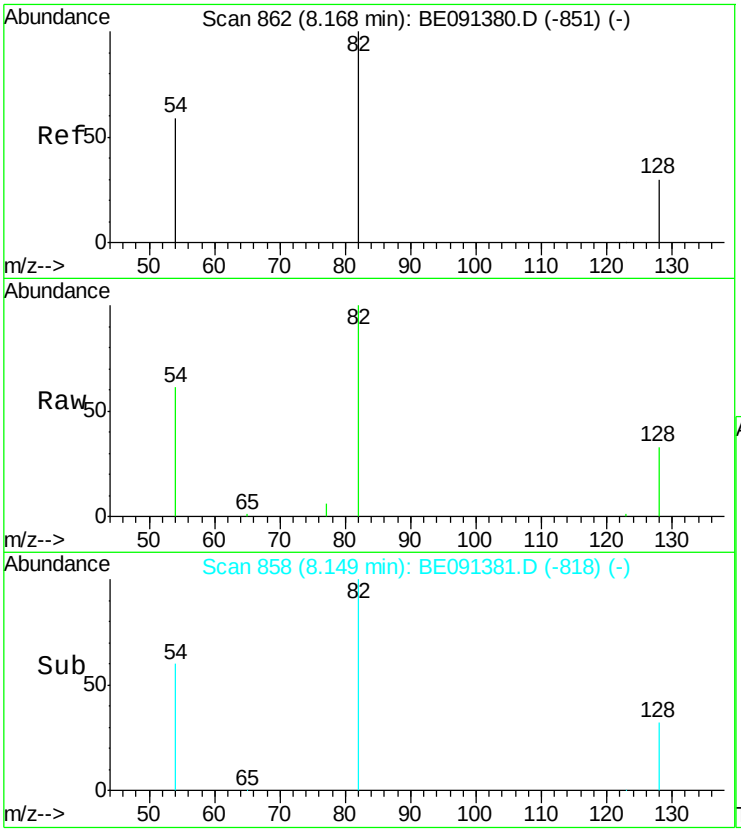


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.55 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:136 Resp: 221204

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.5	9.8	14.6
68	7.7	6.6	10.0



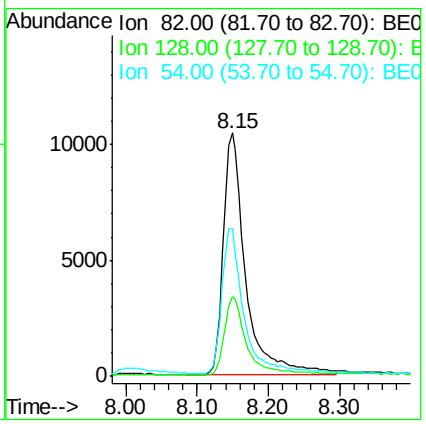


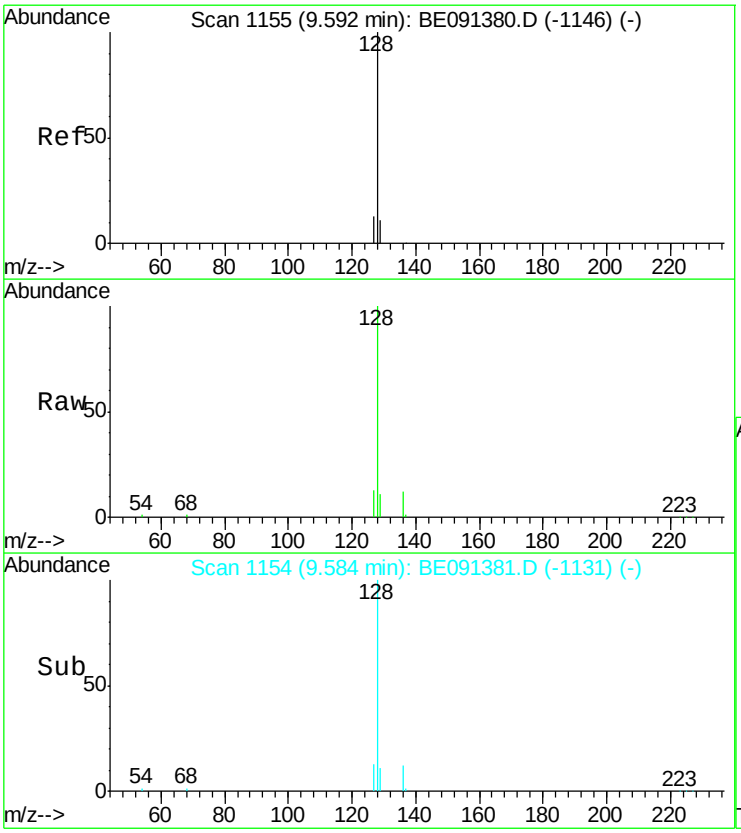
#5
Nitrobenzene-d5
Concen: 1.79 ng
RT: 8.15 min Scan# 858
Delta R.T. -0.02 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 22936

Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.6	36.8
54	60.6	52.7	79.1

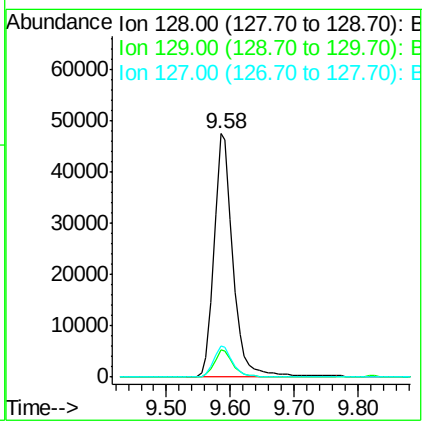


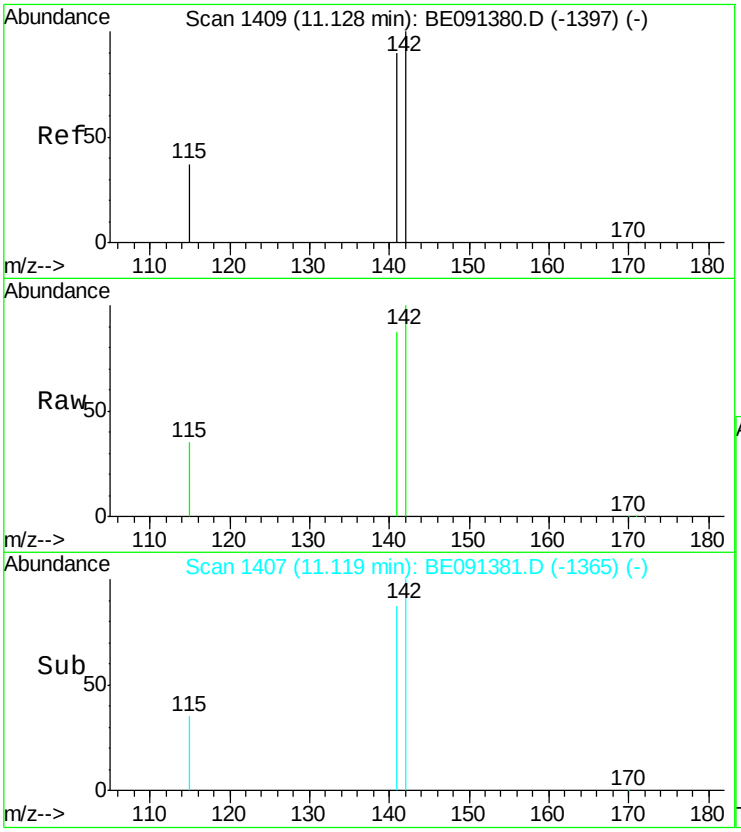


#6
Naphthalene
Concen: 2.06 ng
RT: 9.58 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:128 Resp: 97031

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.0	10.6	15.8



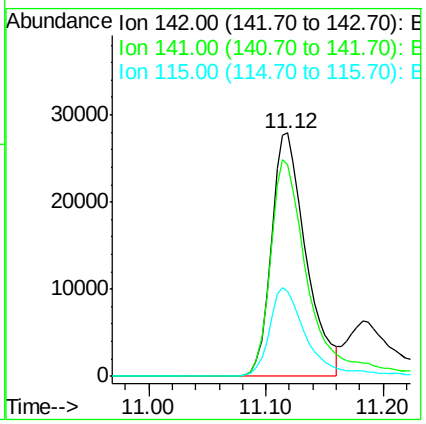


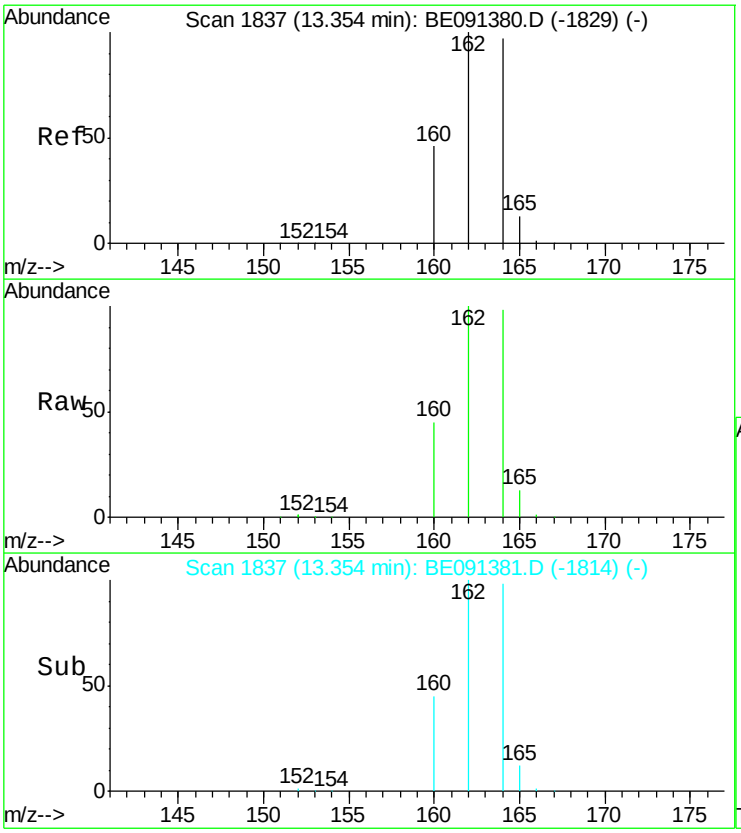
#7
2-Methylnaphthalene
Concen: 3.09 ng
RT: 11.12 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 56960

Ion	Ratio	Lower	Upper
142	100		
141	87.0	74.5	111.7
115	35.0	35.2	52.8#

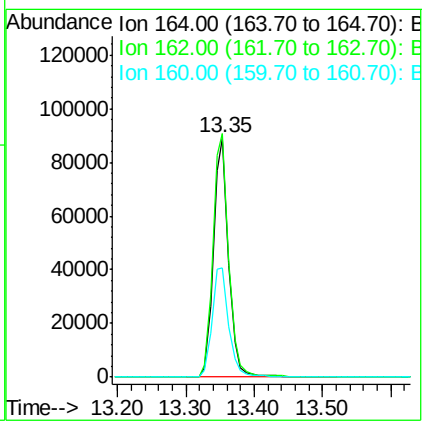


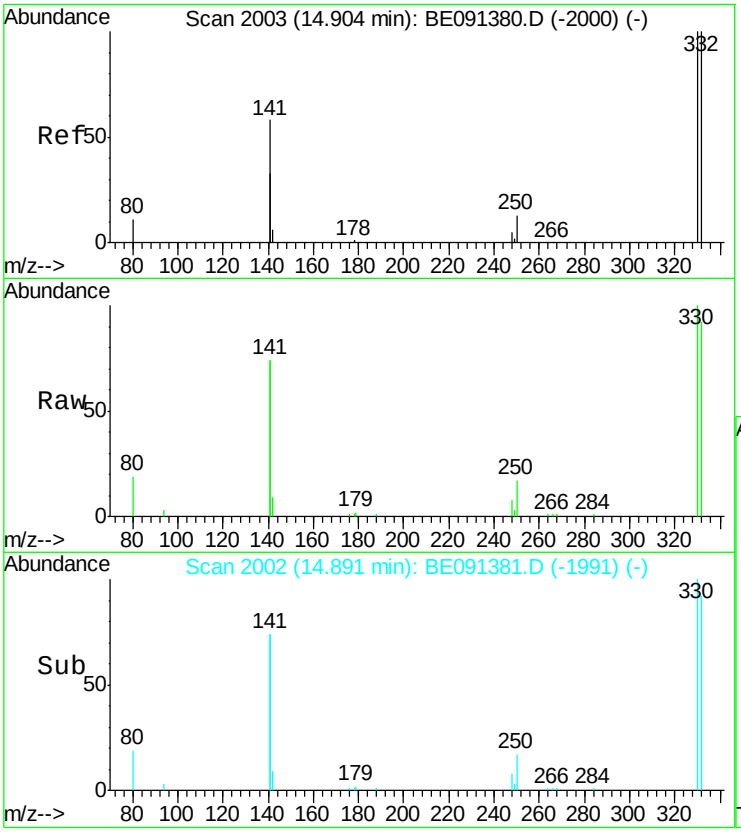


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.35 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:164 Resp: 136522

Ion	Ratio	Lower	Upper
164	100		
162	102.0	88.5	132.7
160	45.6	76.7	115.1#



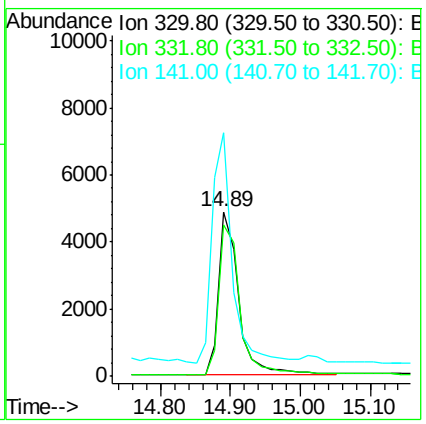


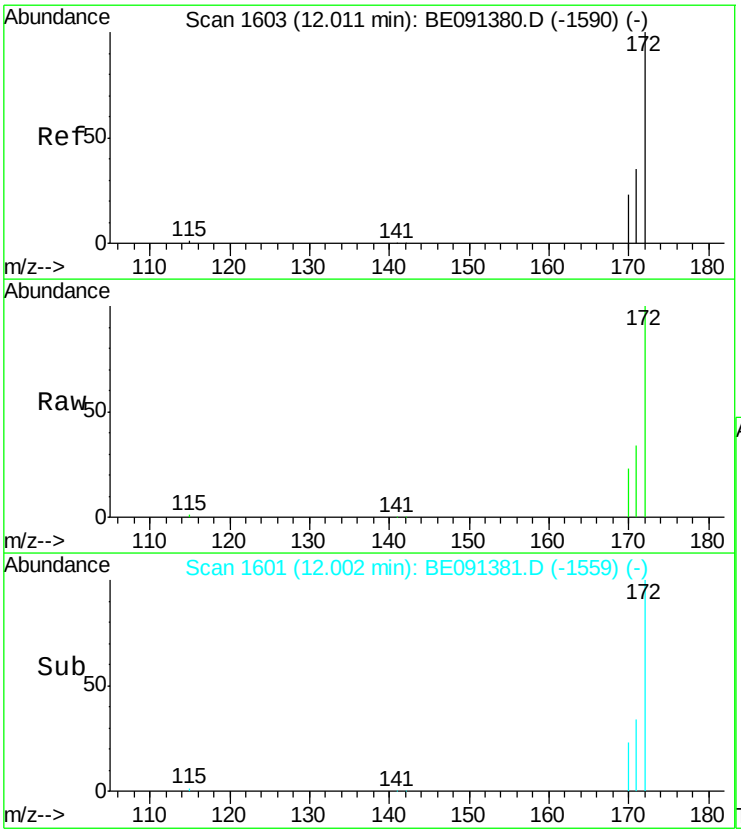
#9
2,4,6-Tribromophenol
Concen: 3.44 ng
RT: 14.89 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 9646

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	118.0
141	141.1	147.8	221.8#

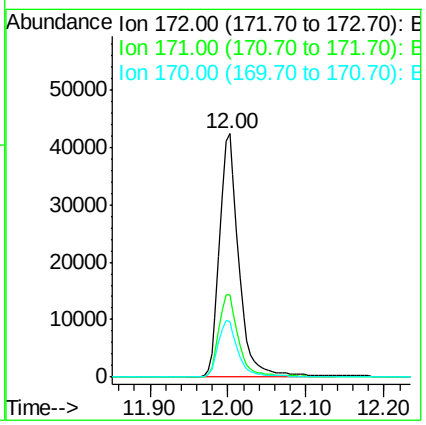


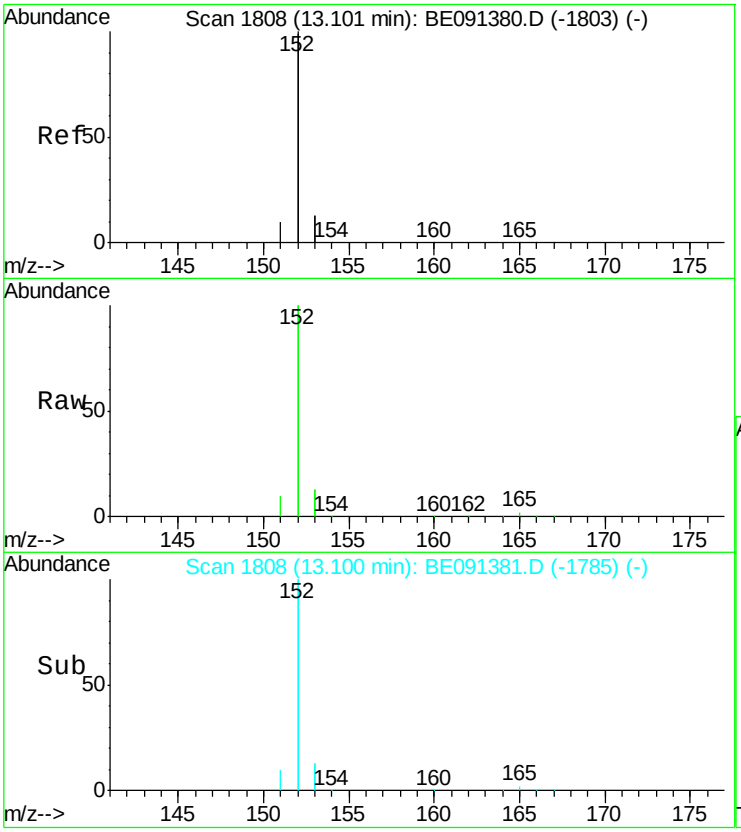


#10
2-Fluorobiphenyl
Concen: 2.47 ng
RT: 12.00 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:172 Resp: 72829

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.3	40.9
170	22.8	19.8	29.6



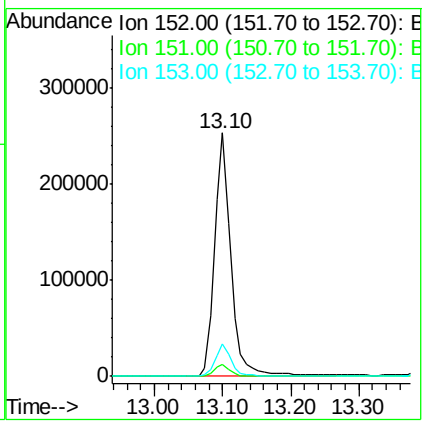


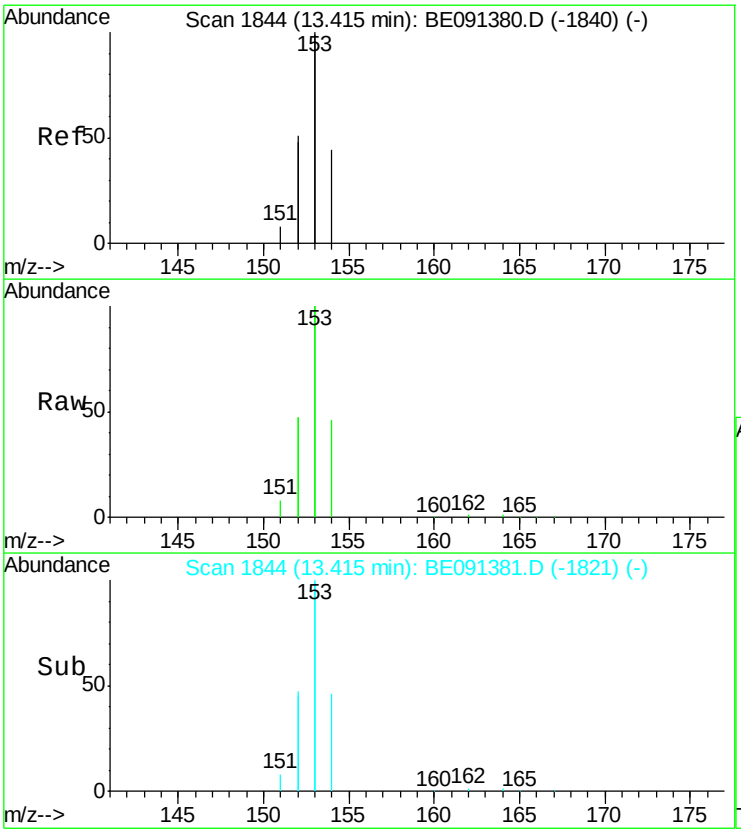
#11
Acenaphthylene
Concen: 2.35 ng
RT: 13.10 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 420832

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

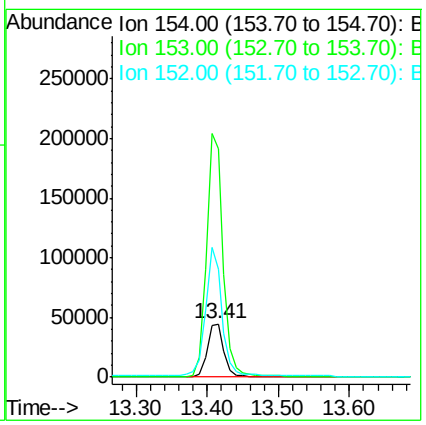


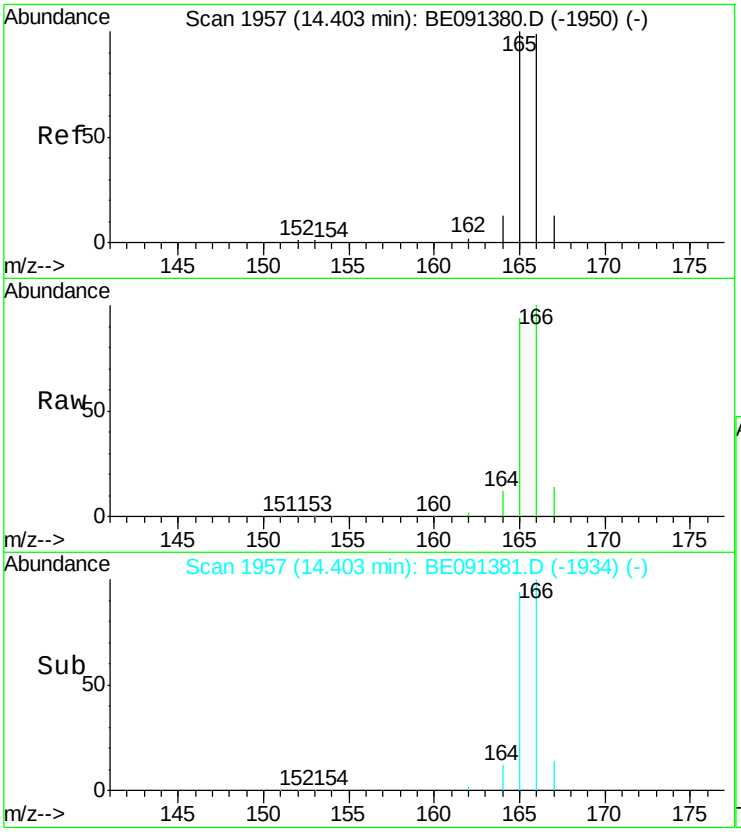


#12
Acenaphthene
Concen: 1.87 ng
RT: 13.41 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:154 Resp: 72453

Ion	Ratio	Lower	Upper
154	100		
153	458.1	370.2	555.4
152	240.2	310.5	465.7#



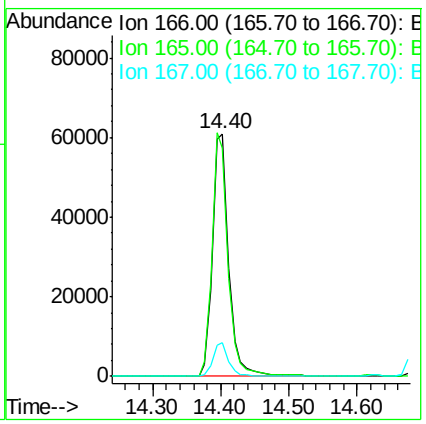


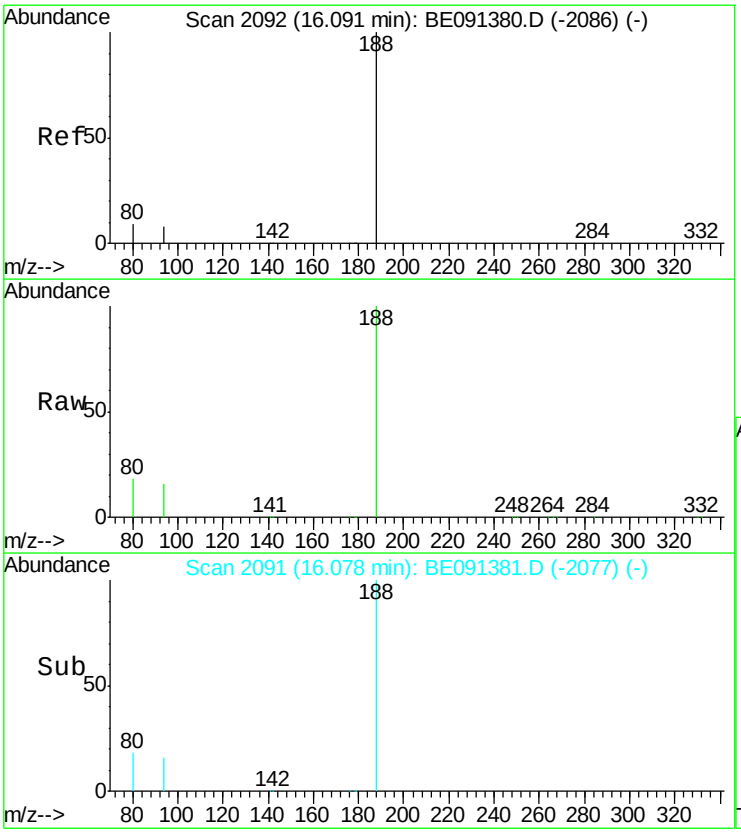
#13
Fluorene
Concen: 2.33 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 100277

Ion	Ratio	Lower	Upper
166	100		
165	98.8	83.0	124.6
167	13.5	11.1	16.7

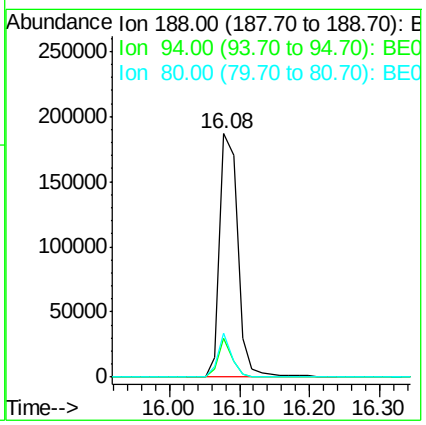


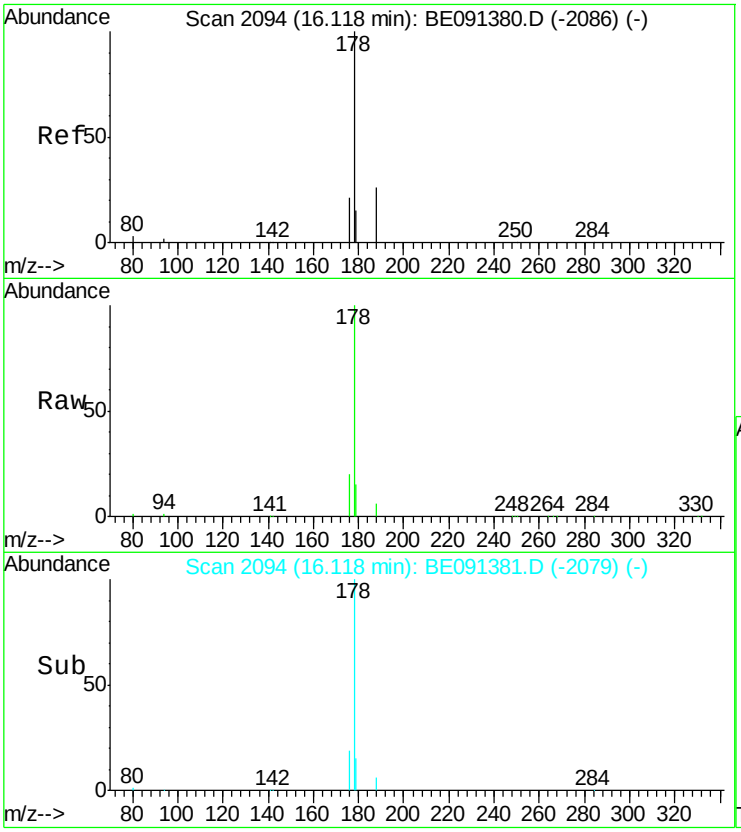


#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:188 Resp: 335402

Ion	Ratio	Lower	Upper
188	100		
94	15.9	7.5	11.3#
80	17.9	8.2	12.2#



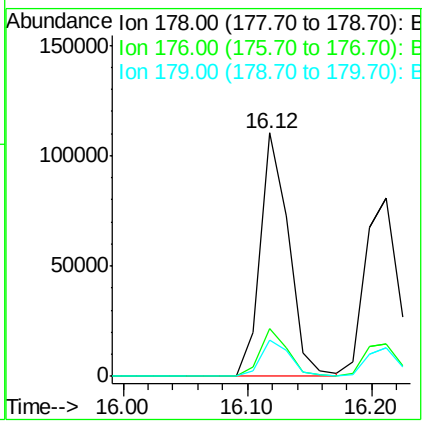


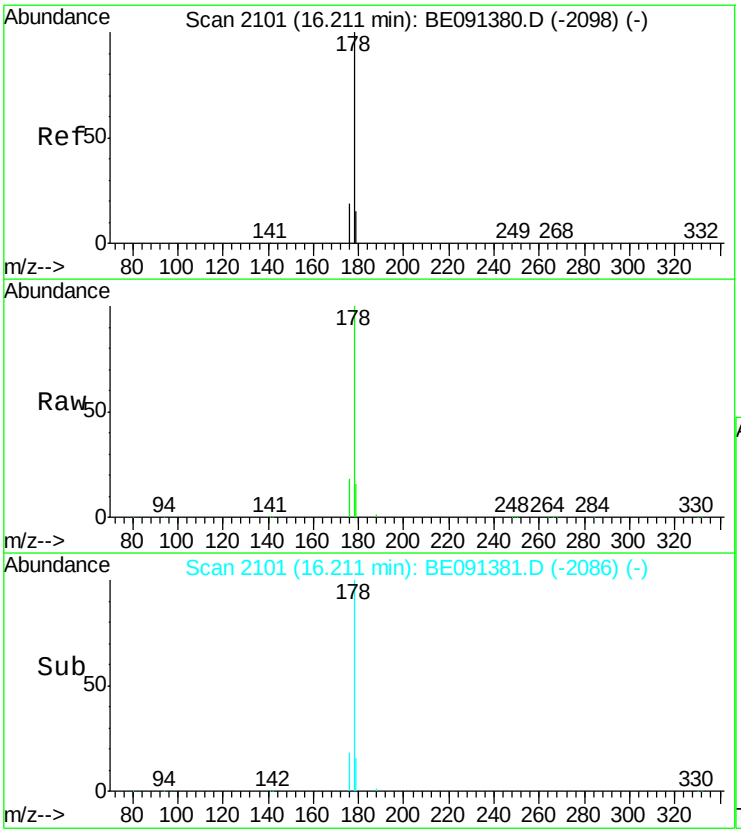
#15
Phenanthrene
Concen: 2.10 ng
RT: 16.12 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 174121

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.8	19.2

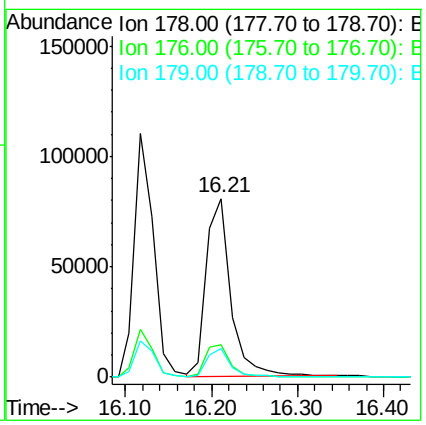


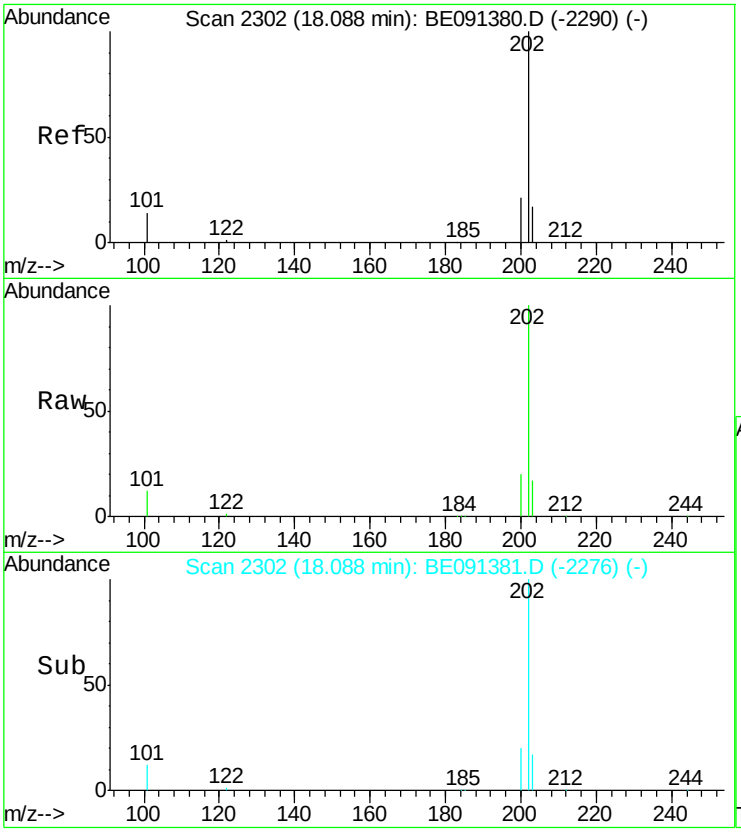


#16
Anthracene
Concen: 2.74 ng
RT: 16.21 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:178 Resp: 159581

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.5	12.4	18.6



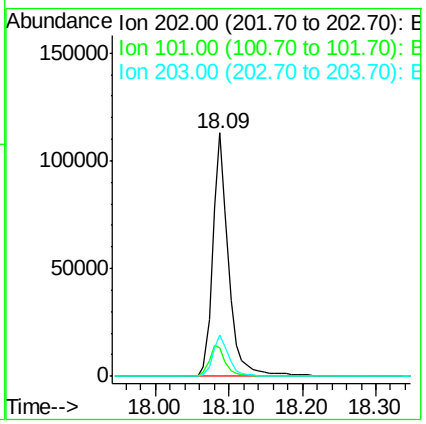


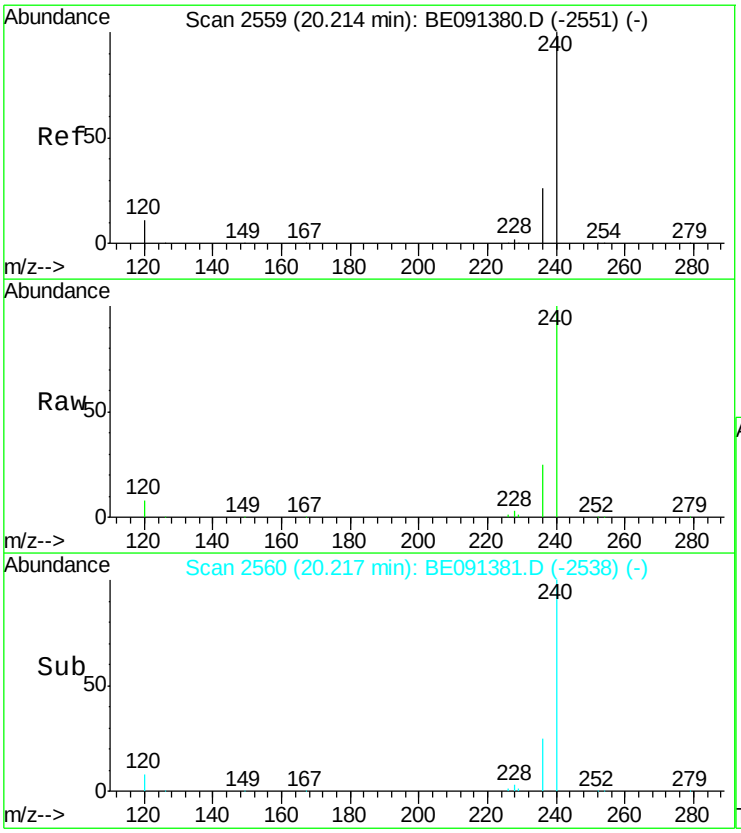
#17
Fluoranthene
Concen: 2.84 ng
RT: 18.09 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 170417

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.0	16.4
203	17.3	13.9	20.9

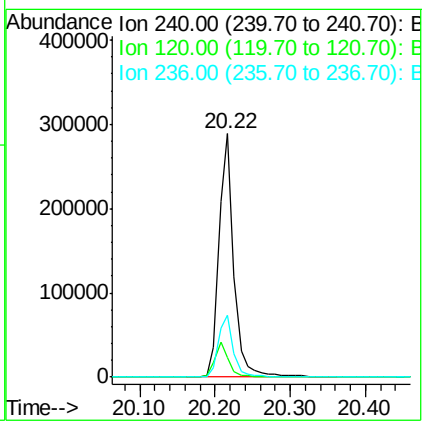


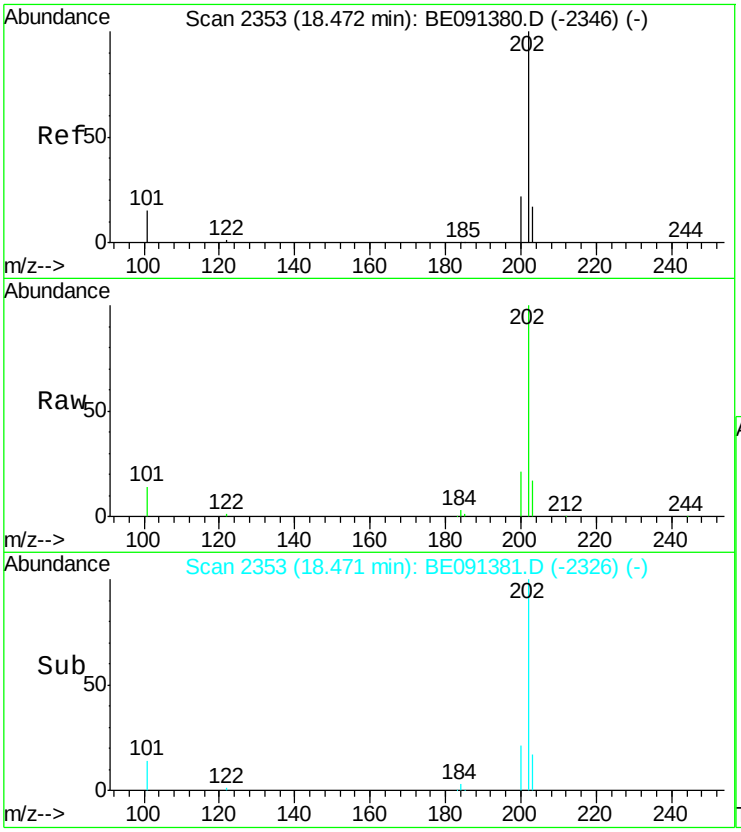


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:240 Resp: 393063

Ion	Ratio	Lower	Upper
240	100		
120	8.2	12.6	19.0#
236	25.3	22.7	34.1



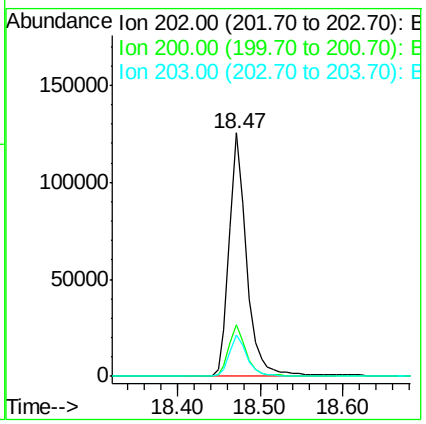


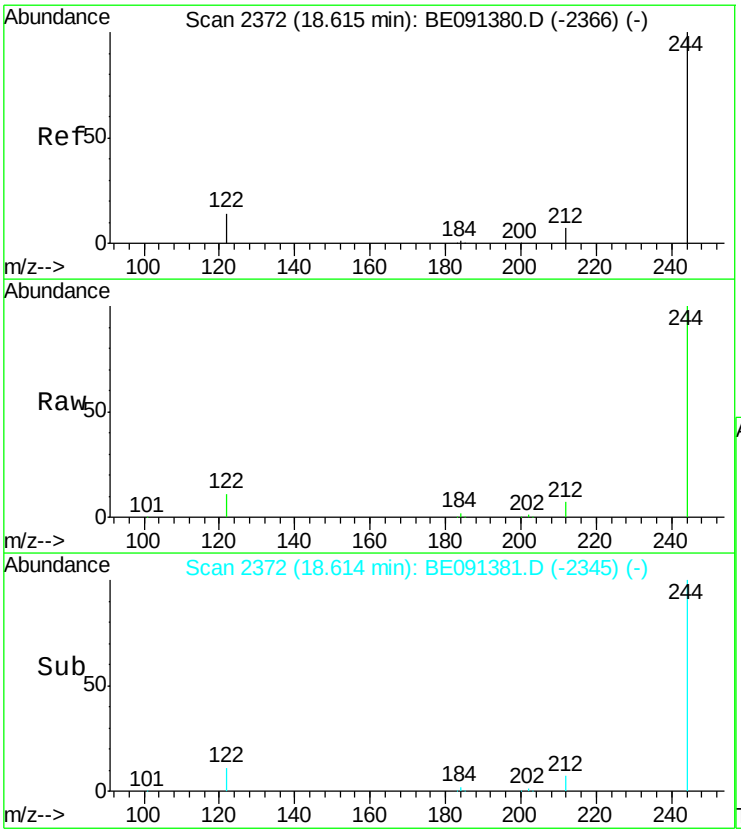
#19
Pyrene
Concen: 3.04 ng
RT: 18.47 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 182299

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.4	14.2	21.4

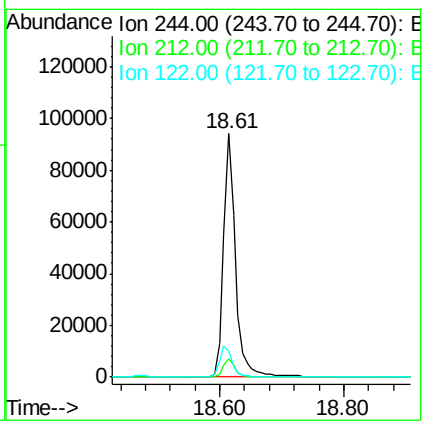


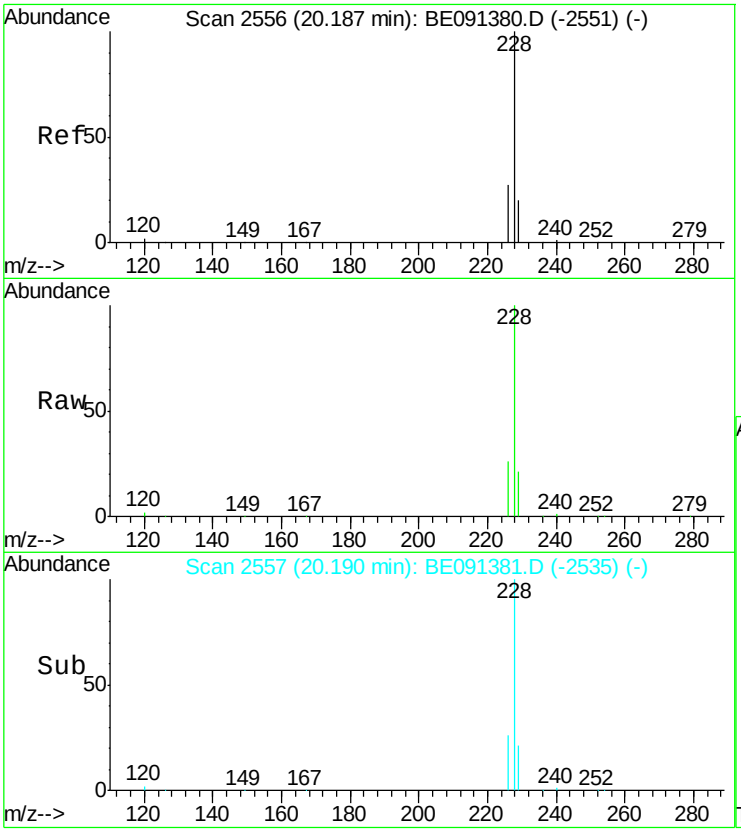


#20
Terphenyl-d14
Concen: 3.36 ng
RT: 18.61 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:244 Resp: 125261

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.0	10.4
122	10.6	8.5	12.7



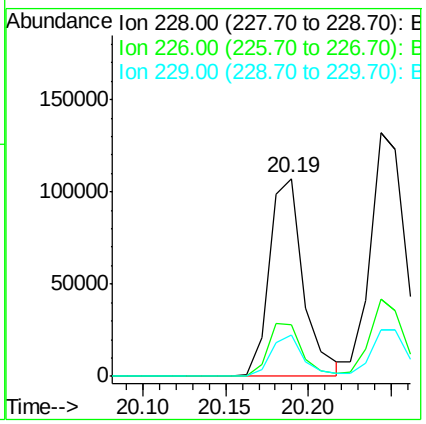


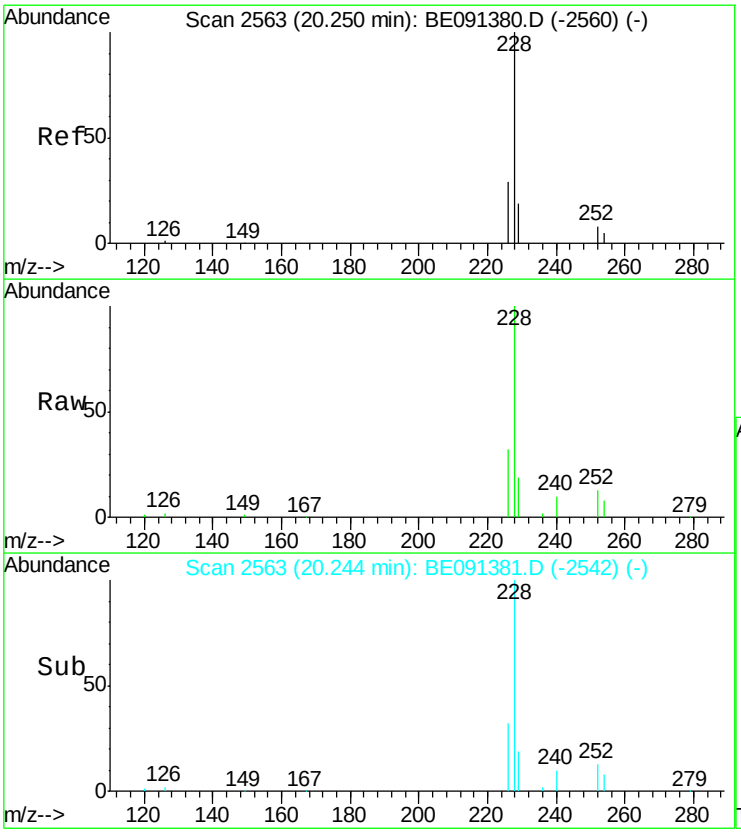
#21
Benzo(a)anthracene
Concen: 2.82 ng
RT: 20.19 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 154537

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.5	33.7
229	20.7	16.2	24.4

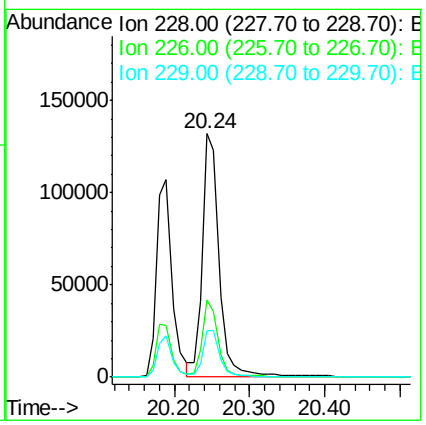


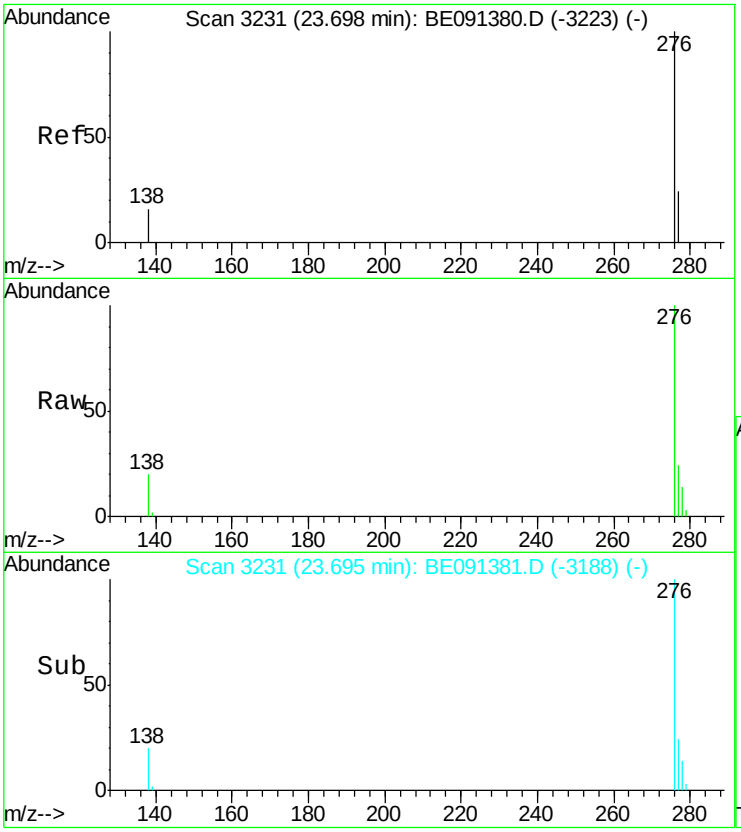


#22
Chrysene
Concen: 2.15 ng
RT: 20.24 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:228 Resp: 205481

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.7	35.5
229	19.0	16.0	24.0



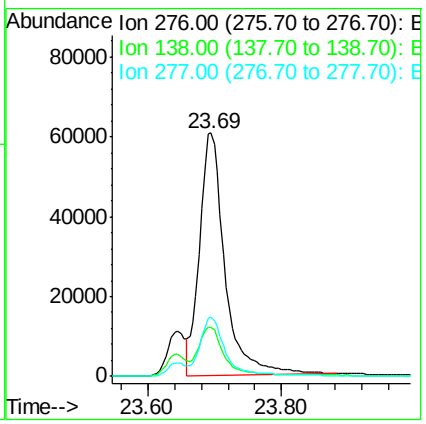


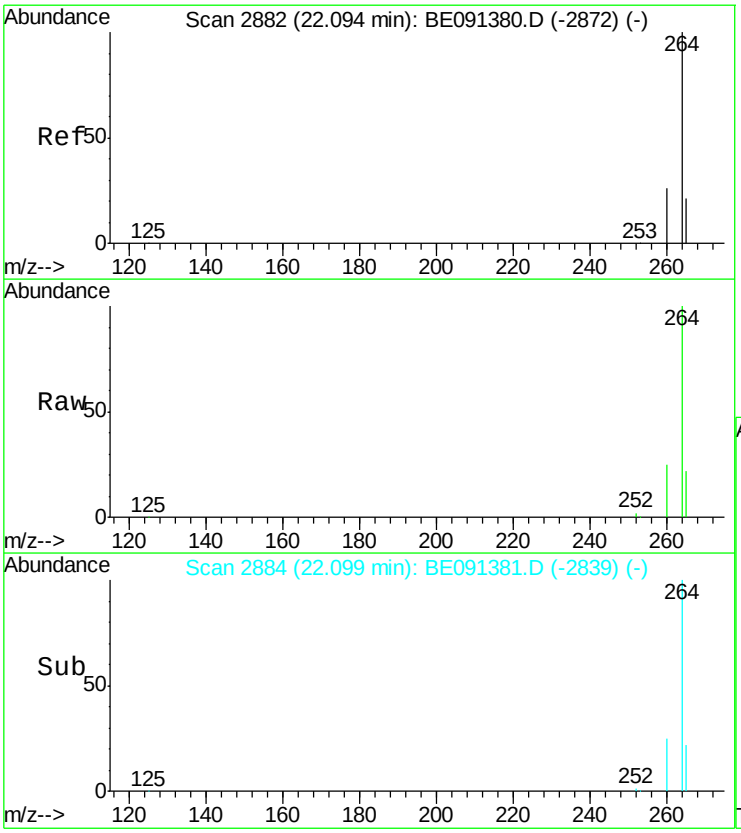
#23
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng
RT: 23.69 min Scan# 3231
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 159487

Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.6	27.8
277	24.1	16.5	24.7

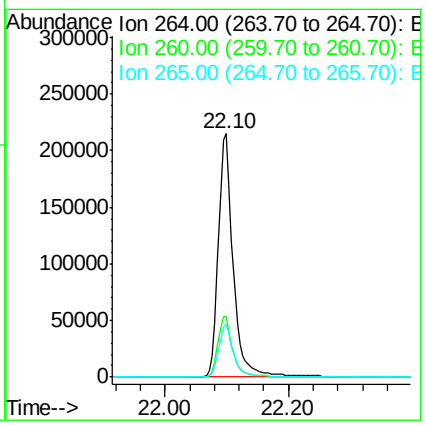


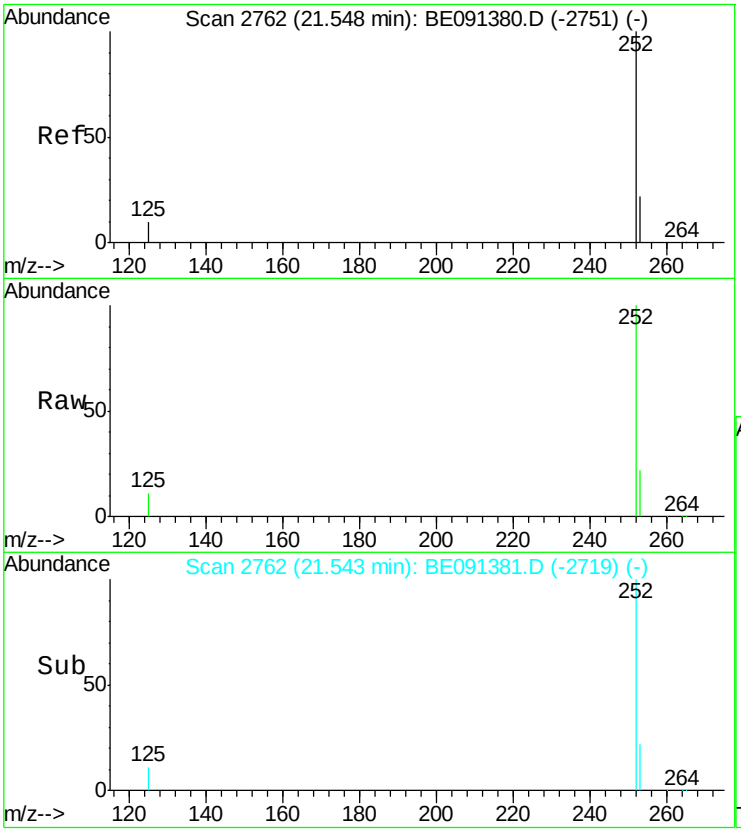


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.10 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:264 Resp: 360641

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	22.0	17.2	25.8



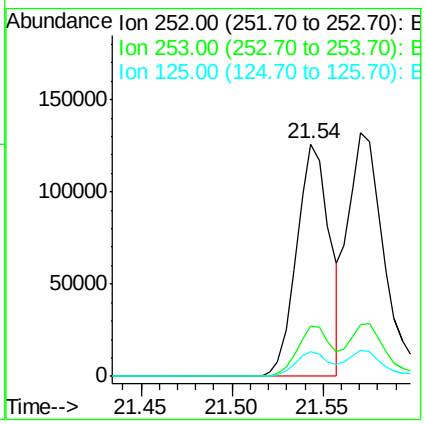


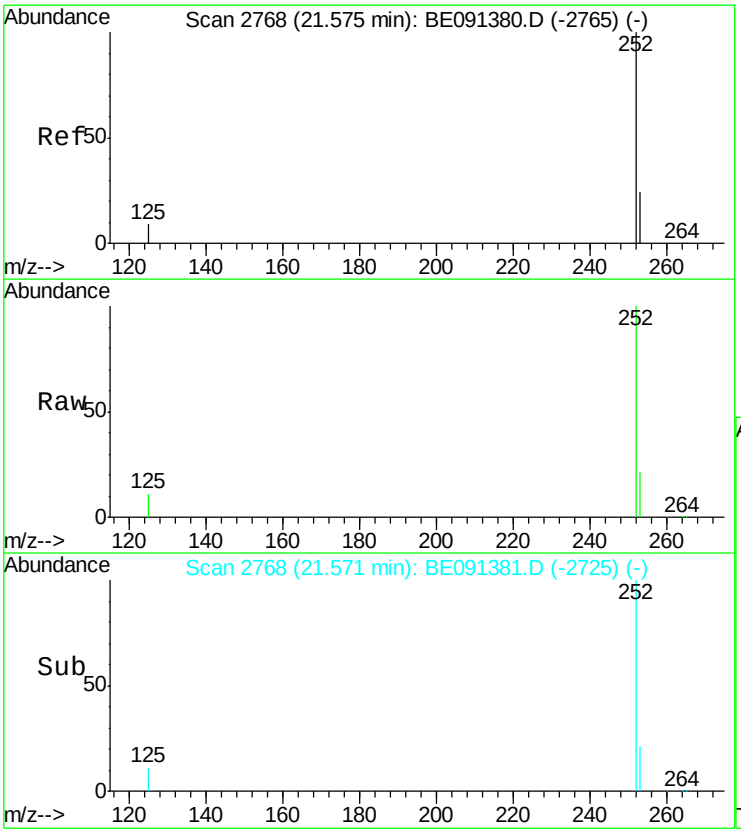
#25
Benzo(b)fluoranthene
Concen: 2.60 ng
RT: 21.54 min Scan# 2762
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 157532

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.8	11.0	16.6#

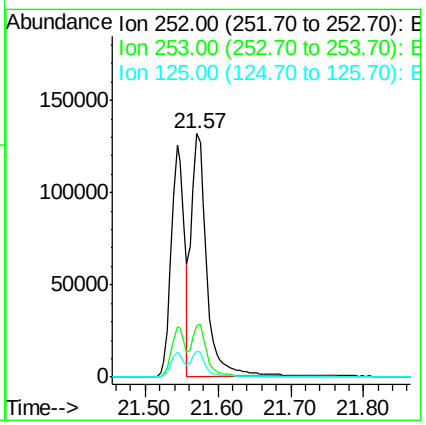


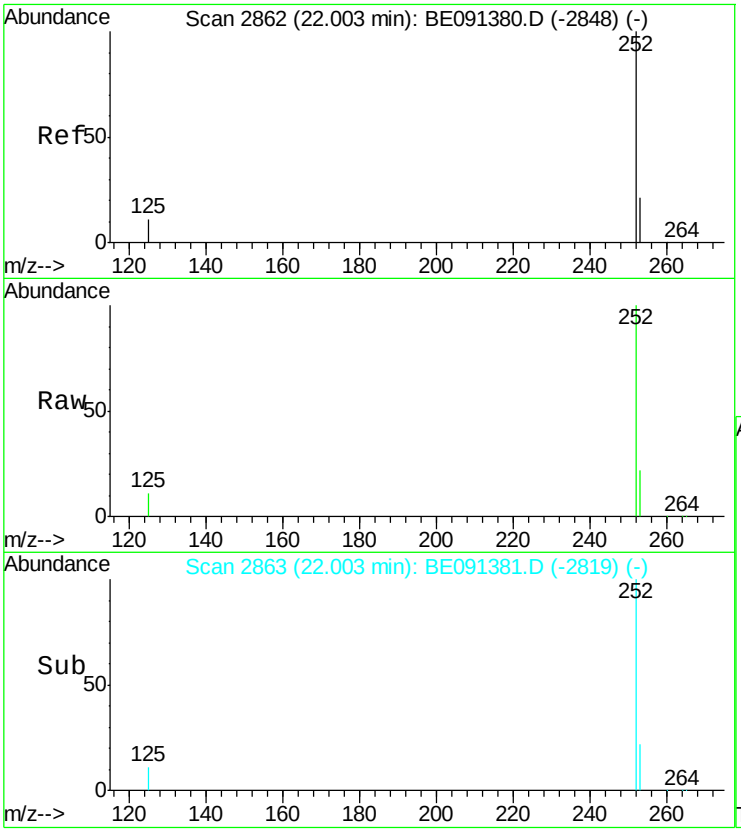


#26
Benzo(k)fluoranthene
Concen: 2.71 ng
RT: 21.57 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:252 Resp: 191991

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.8	11.3	16.9#



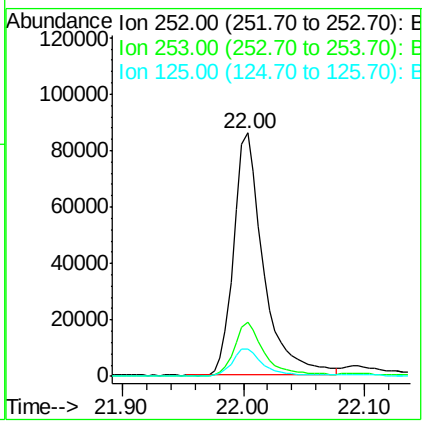


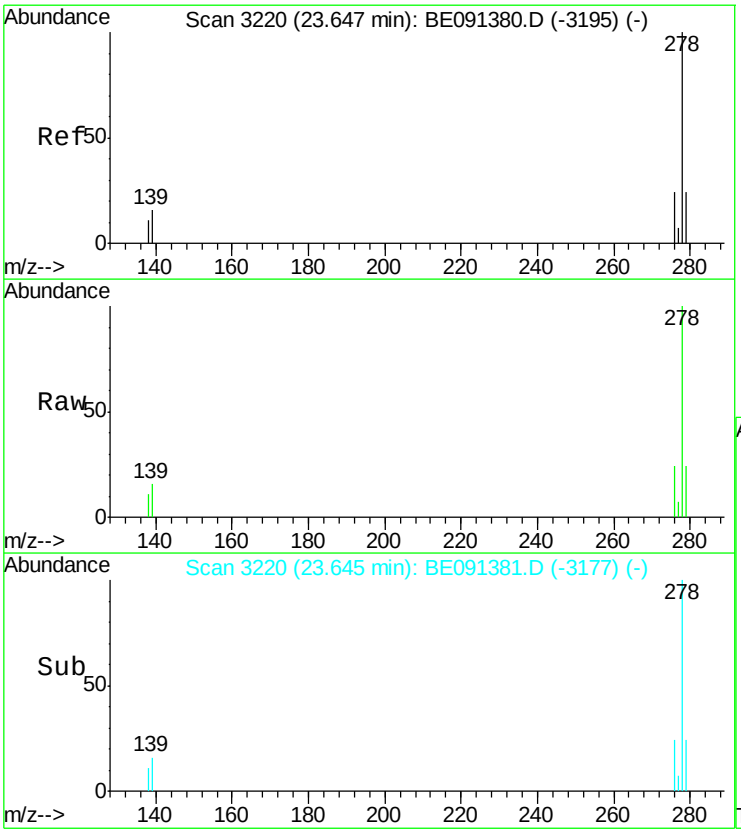
#27
Benzo(a)pyrene
Concen: 2.38 ng
RT: 22.00 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 147173

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.4	12.2	18.4#

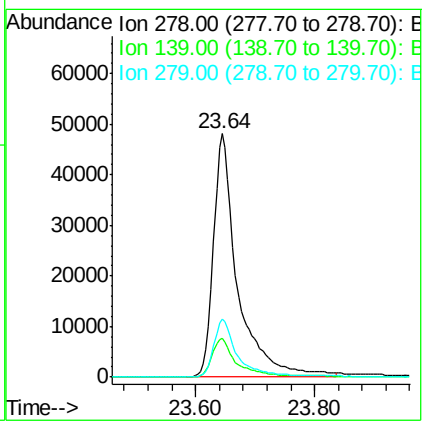


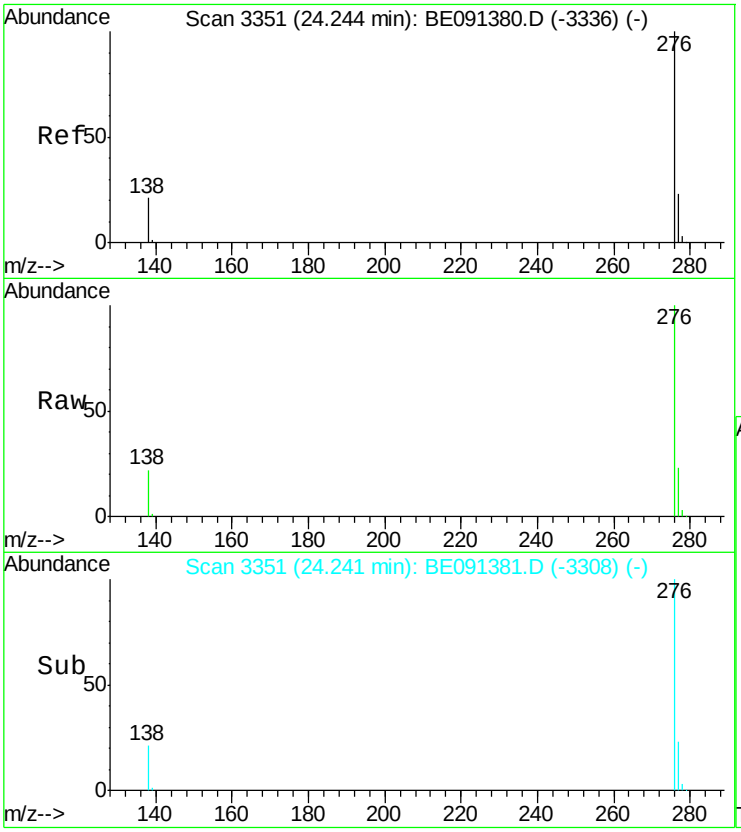


#28
Dibenzo(a,h)anthracene
Concen: 2.95 ng
RT: 23.64 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Tgt Ion:278 Resp: 135558

Ion	Ratio	Lower	Upper
278	100		
139	16.0	16.3	24.5#
279	23.6	19.4	29.2





#29
Benzo(g,h,i)perylene
Concen: 2.80 ng
RT: 24.24 min Scan# 3351
Delta R.T. -0.00 min
Lab File: BE091381.D
Acq: 2 Feb 2016 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 164074

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.6
138	21.6	23.3	34.9#