Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021916\
Data File : BE091421.D
Acq On : 19 Feb 2016 19:32
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Feb 19 22:39:42 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 00:27:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	41544	5.00	ng	0.00
4) Naphthalene-d8	9.53	136	205321	5.00	ng	-0.01
8) Acenaphthene-d10	13.35	164	133904	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	330780	5.00	ng	-0.01
18) Chrysene-d12	20.21	240	380908	5.00	ng	0.00
24) Perylene-d12	22.09	264	391953	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.92	112	8932	1.10	ng	-0.03
3) Phenol-d6	6.54	99	13805	1.17	ng	-0.03
5) Nitrobenzene-d5	8.15	82	12907	1.18	ng	-0.02
9) 2,4,6-Tribromophenol	14.89	330	4893	1.05	ng	-0.01
10) 2-Fluorobiphenyl	12.00	172	32977	0.95	ng	-0.01
20) Terphenyl-d14	18.61	244	60545	1.07	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	9.58	128	43338	0.94	ng	100
7) 2-Methylnaphthalene	11.11	142	26282	1.02	ng	98
11) Acenaphthylene	13.09	152	209158	1.04	ng	100
12) Acenaphthene	13.41	154	33589	0.91	ng	97
13) Fluorene	14.40	166	45404	0.96	ng	100
15) Phenanthrene	16.12	178	80642	0.93	ng	99
16) Anthracene	16.20	178	76184	1.05	ng	99
17) Fluoranthene	18.08	202	87318	1.05	ng	99
19) Pyrene	18.47	202	90071	1.09	ng	100
21) Benzo(a)anthracene	20.18	228	83456	1.12	ng	98
22) Chrysene	20.24	228	100452	1.01	ng	98
23) Indeno(1,2,3-cd)pyrene	23.69	276	87825	1.14	ng	100
25) Benzo(b)fluoranthene	21.54	252	84679	0.99	ng	97
26) Benzo(k)fluoranthene	21.57	252	103325	1.07	ng	99
27) Benzo(a)pyrene	22.00	252	87955	1.11	ng	99
28) Dibenzo(a,h)anthracene	23.64	278	82533	1.13	ng	99
29) Benzo(g,h,i)perylene	24.24	276	90918	1.05	ng	98

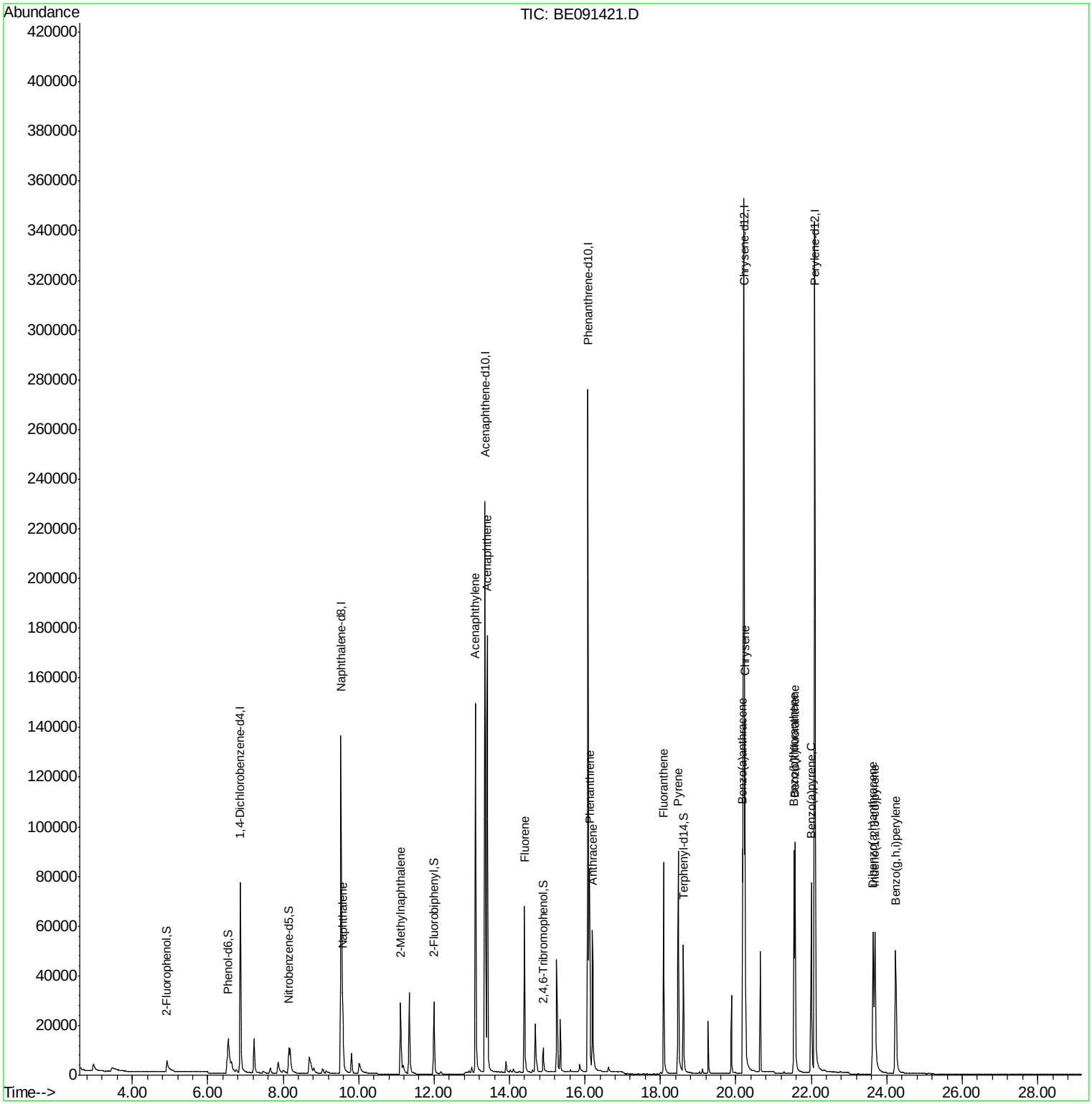
(#) = qualifier out of range (m) = manual integration (+) = signals summed

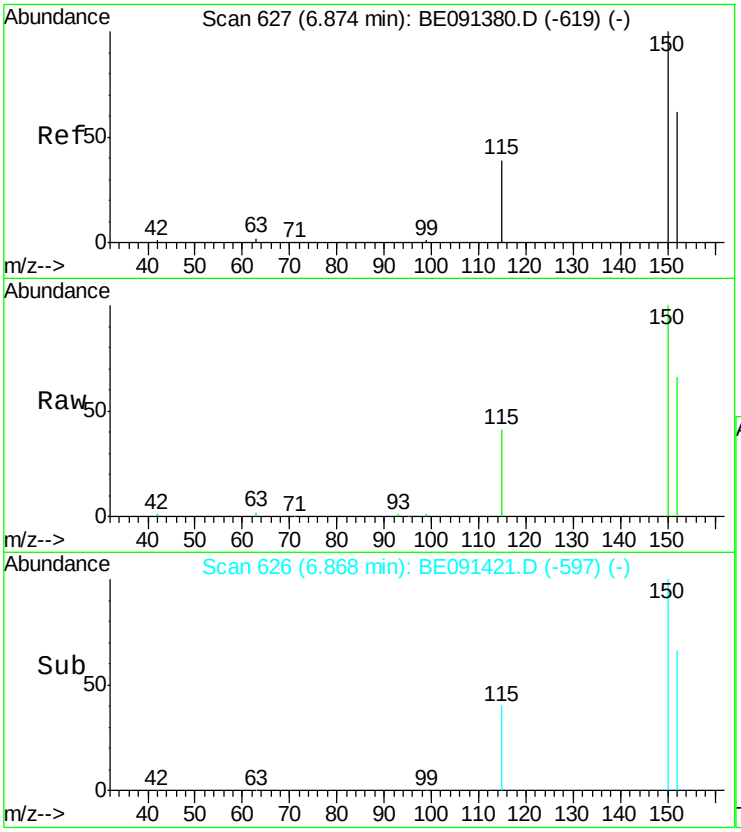
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021916\
Data File : BE091421.D
Acq On : 19 Feb 2016 19:32
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Feb 19 22:39:42 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 00:27:53 2016
Response via : Initial Calibration



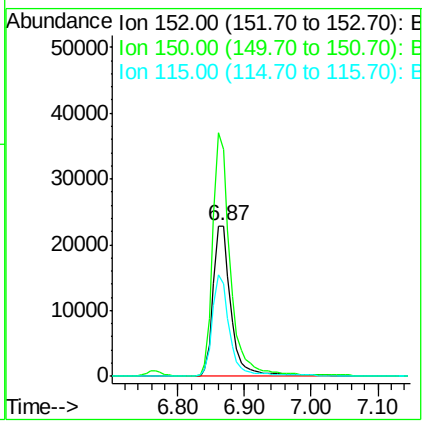


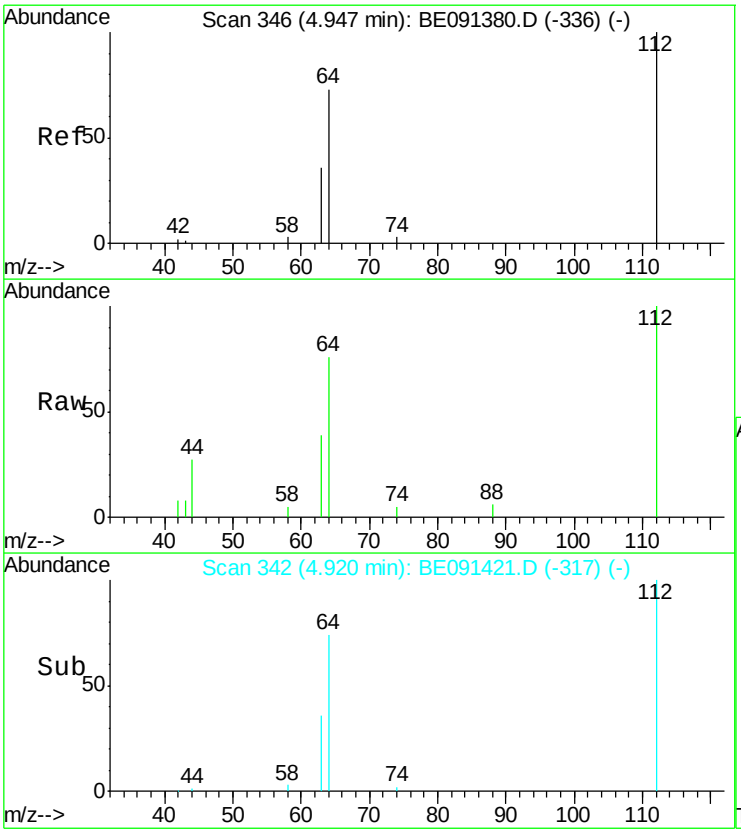
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 626
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 41544

Ion	Ratio	Lower	Upper
152	100		
150	151.1	128.9	193.3
115	61.3	50.9	76.3

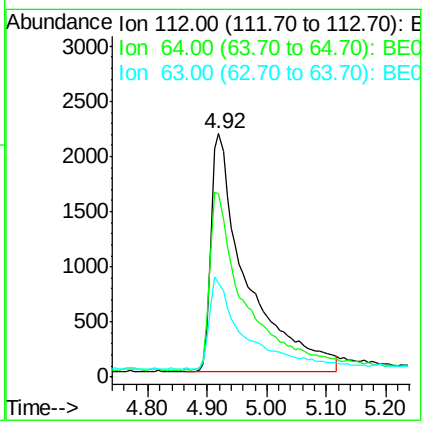


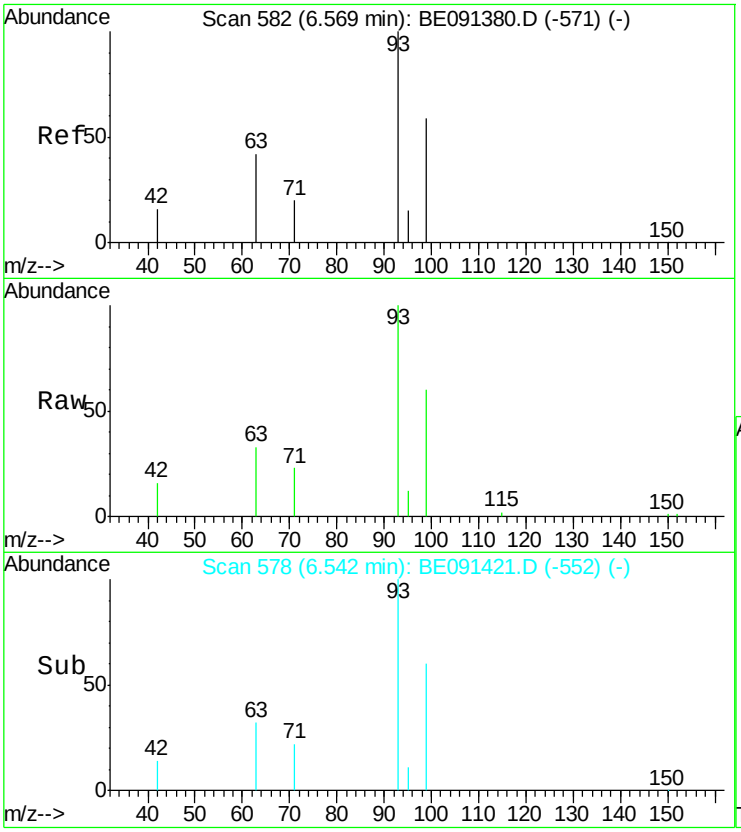


#2
2-Fluorophenol
Concen: 1.10 ng
RT: 4.92 min Scan# 342
Delta R.T. -0.03 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:112 Resp: 8932

Ion	Ratio	Lower	Upper
112	100		
64	74.1	60.5	90.7
63	38.2	29.8	44.8



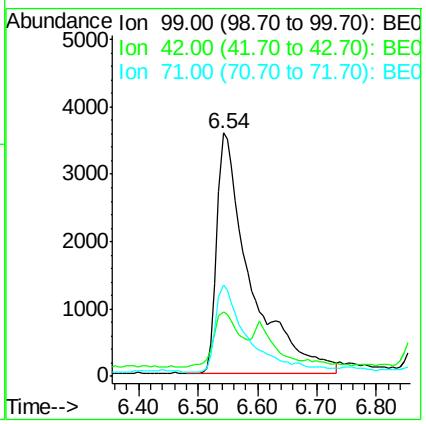


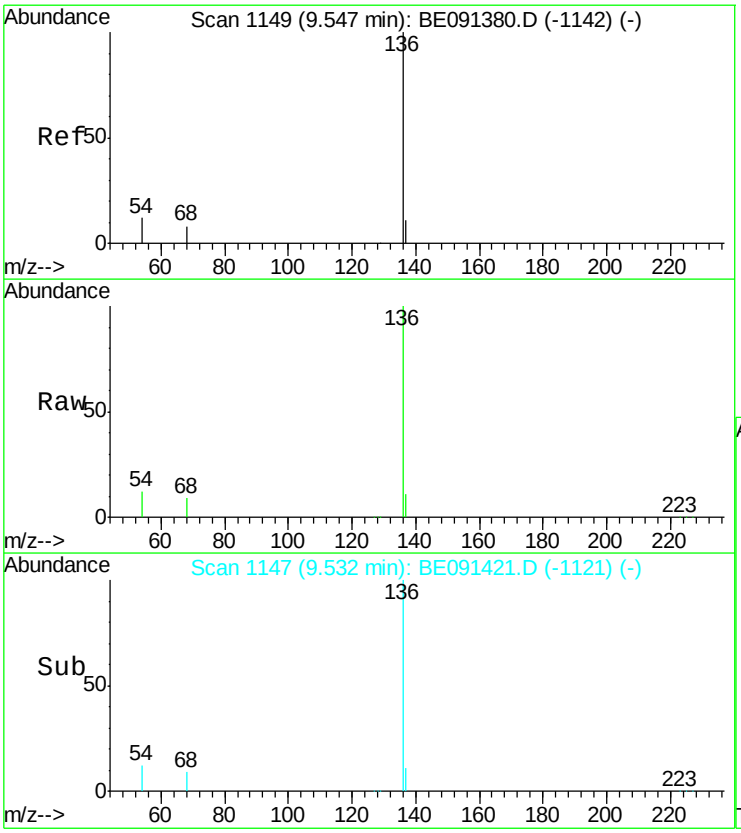
#3
Phenol-d6
Concen: 1.17 ng
RT: 6.54 min Scan# 578
Delta R.T. -0.03 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 13805

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.3	19.9
71	34.5	25.6	38.4

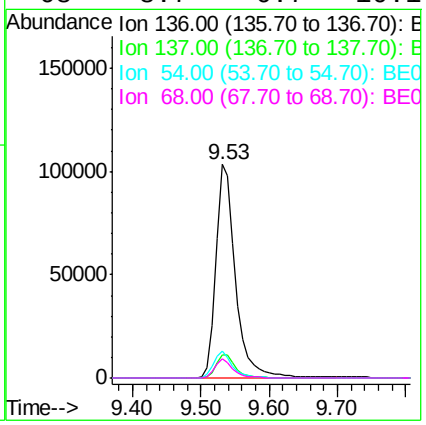


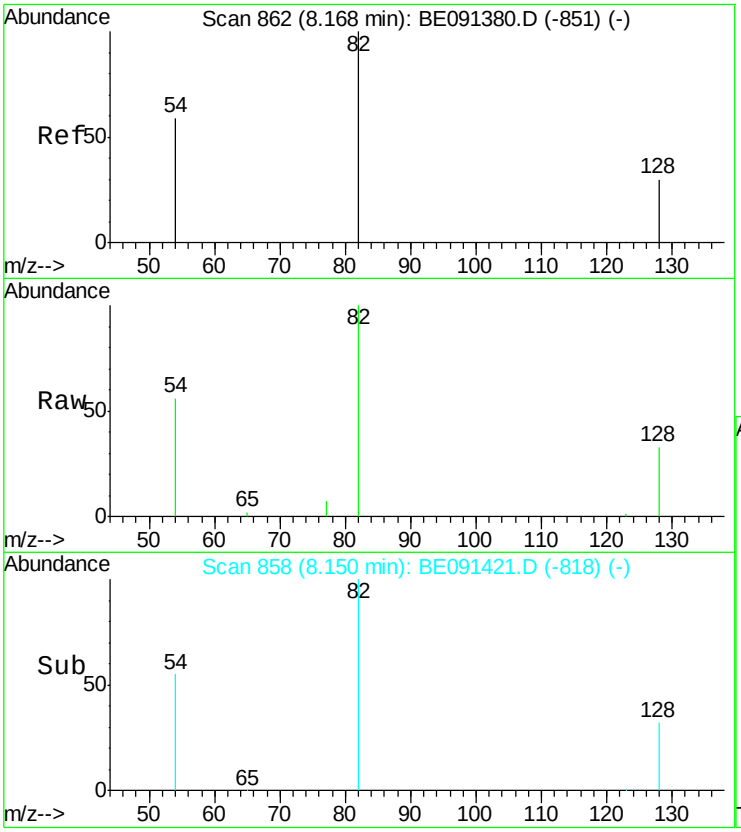


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:136 Resp: 205321

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.3	9.3	13.9
68	8.7	6.7	10.1



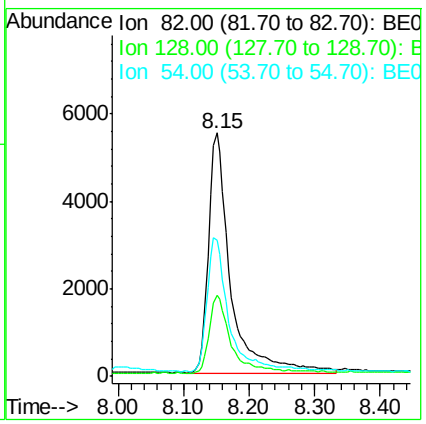


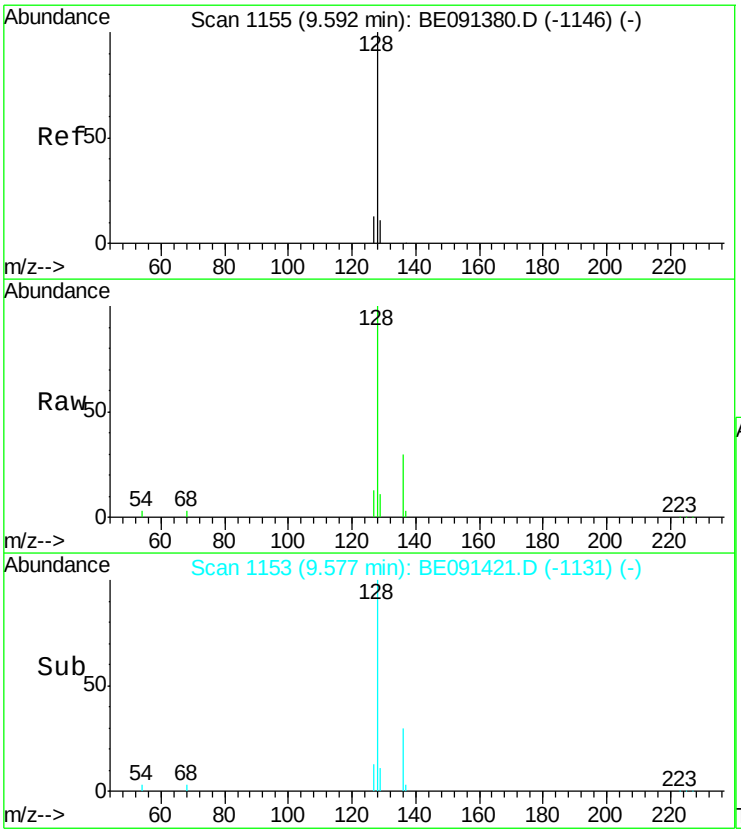
#5
Nitrobenzene-d5
Concen: 1.18 ng
RT: 8.15 min Scan# 858
Delta R.T. -0.02 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 12907

Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.0	37.4
54	55.8	48.1	72.1

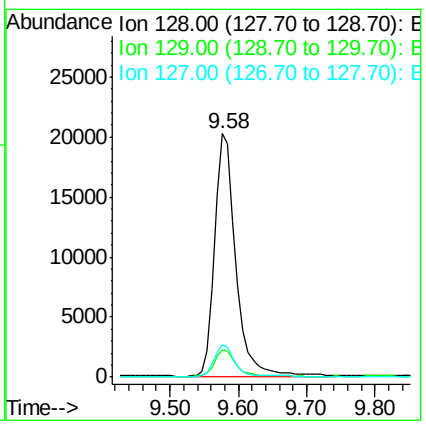


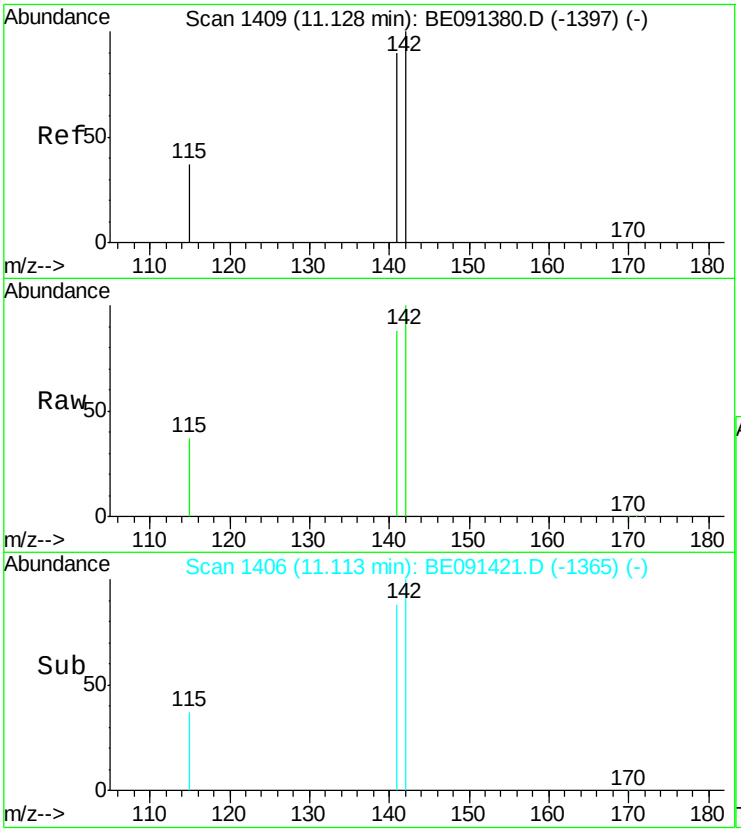


#6
Naphthalene
Concen: 0.94 ng
RT: 9.58 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:128 Resp: 43338

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.1	10.5	15.7



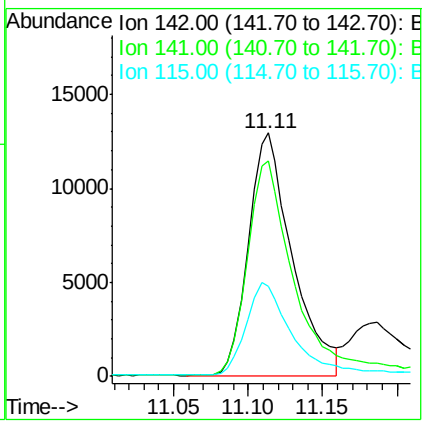


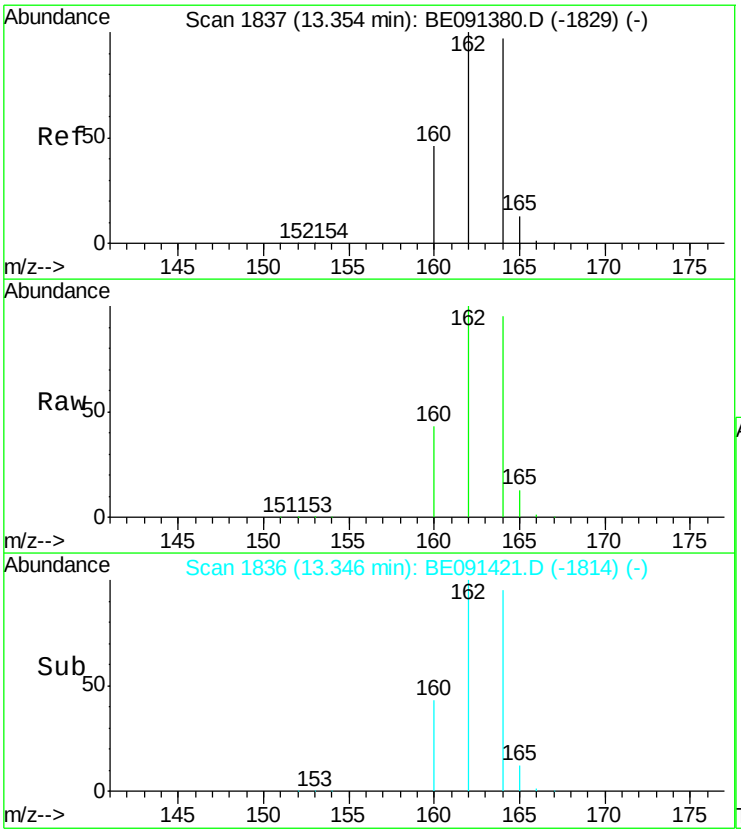
#7
2-Methylnaphthalene
Concen: 1.02 ng
RT: 11.11 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 26282

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.3	108.5
115	37.1	30.5	45.7

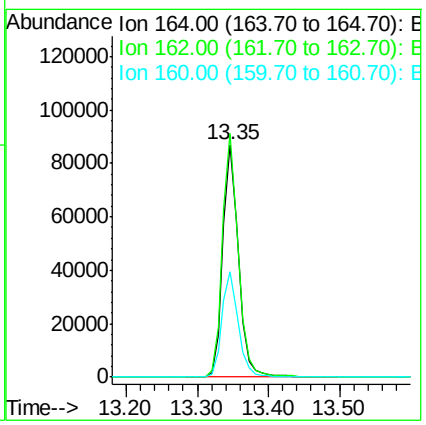


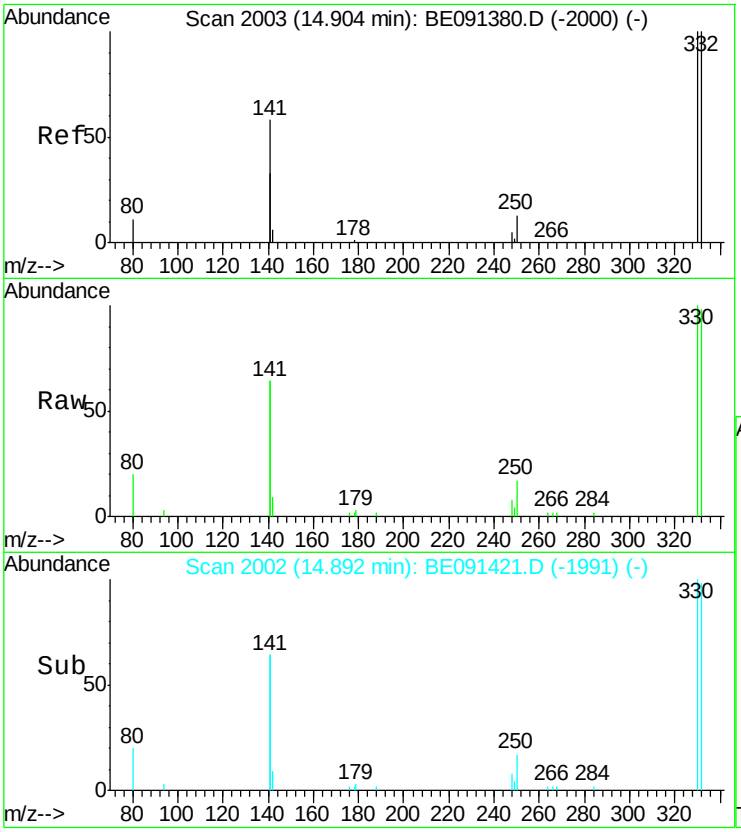


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.35 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:164 Resp: 133904

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.2
160	45.4	37.8	56.8



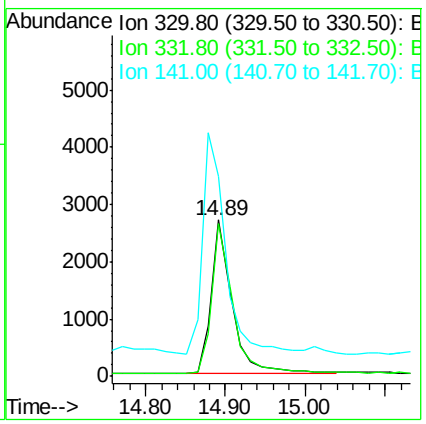


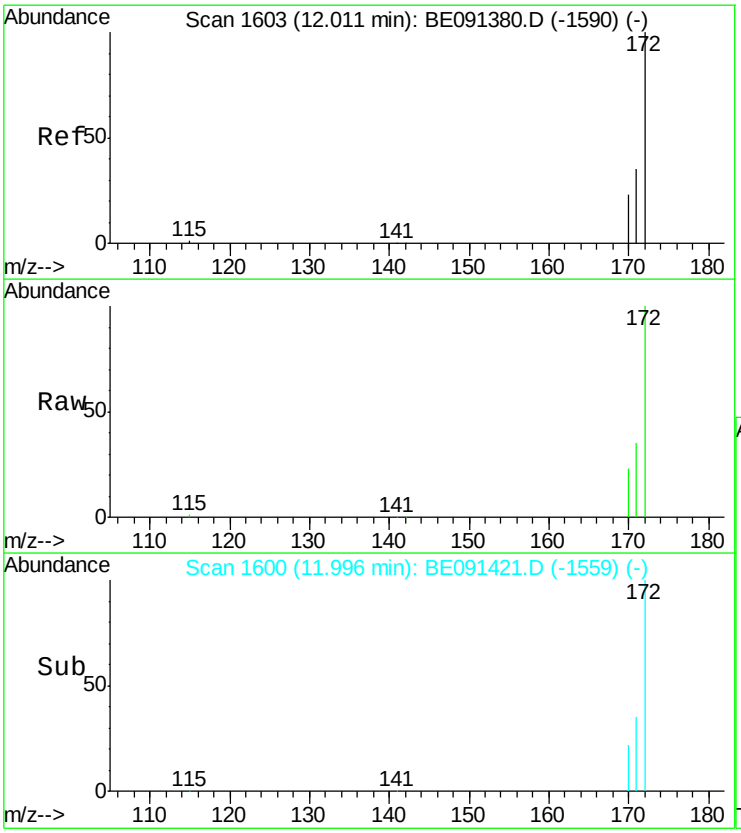
#9
2,4,6-Tribromophenol
Concen: 1.05 ng
RT: 14.89 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 4893

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.8	118.2
141	153.7	105.1	157.7

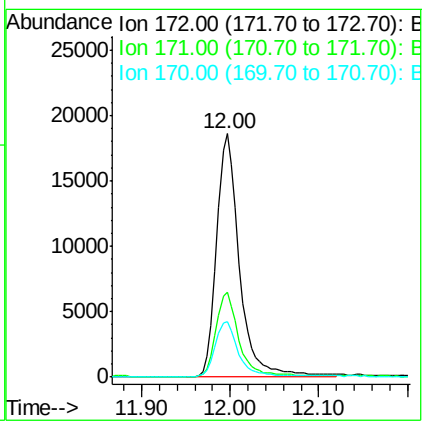


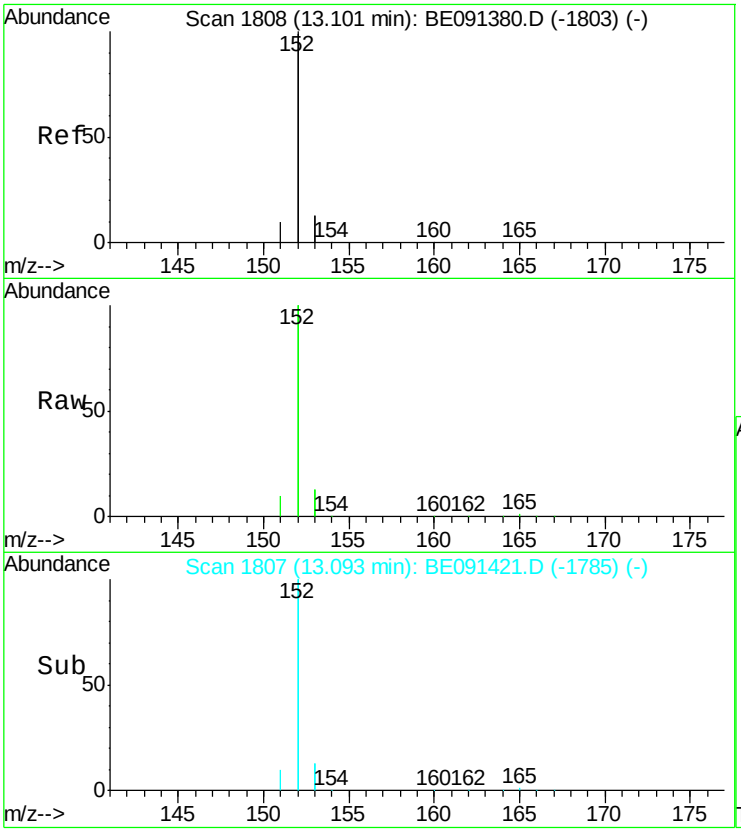


#10
2-Fluorobiphenyl
Concen: 0.95 ng
RT: 12.00 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:172 Resp: 32977

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	22.7	18.6	28.0



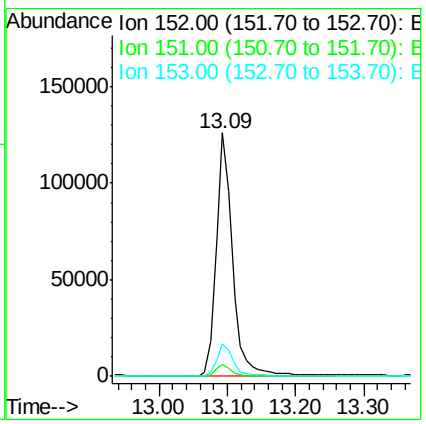


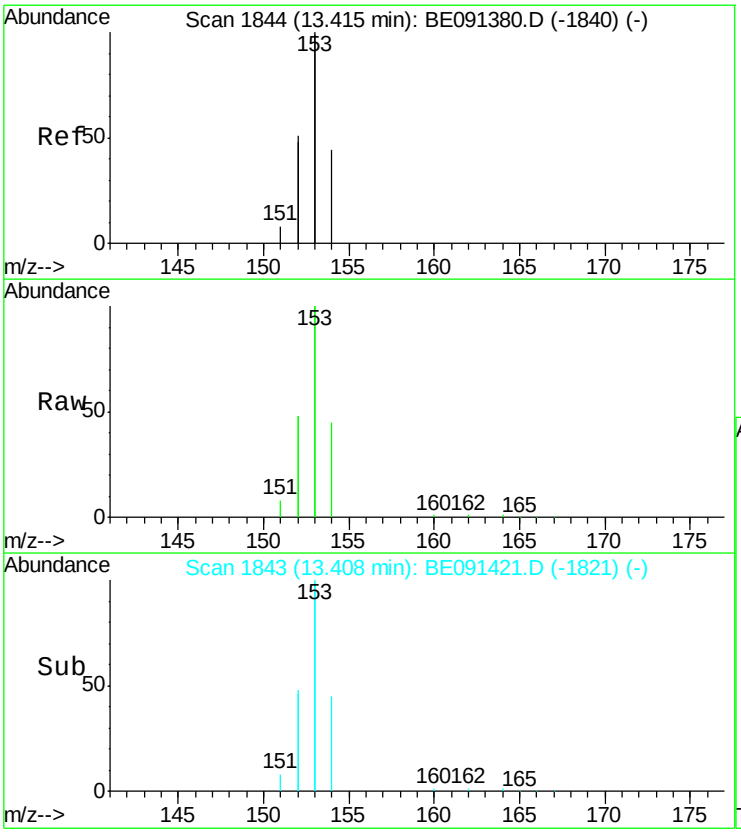
#11
Acenaphthylene
Concen: 1.04 ng
RT: 13.09 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 209158

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.2	15.4

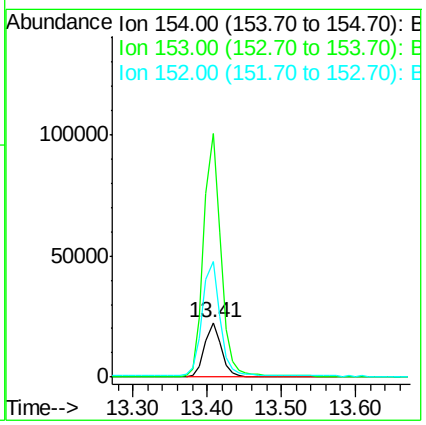


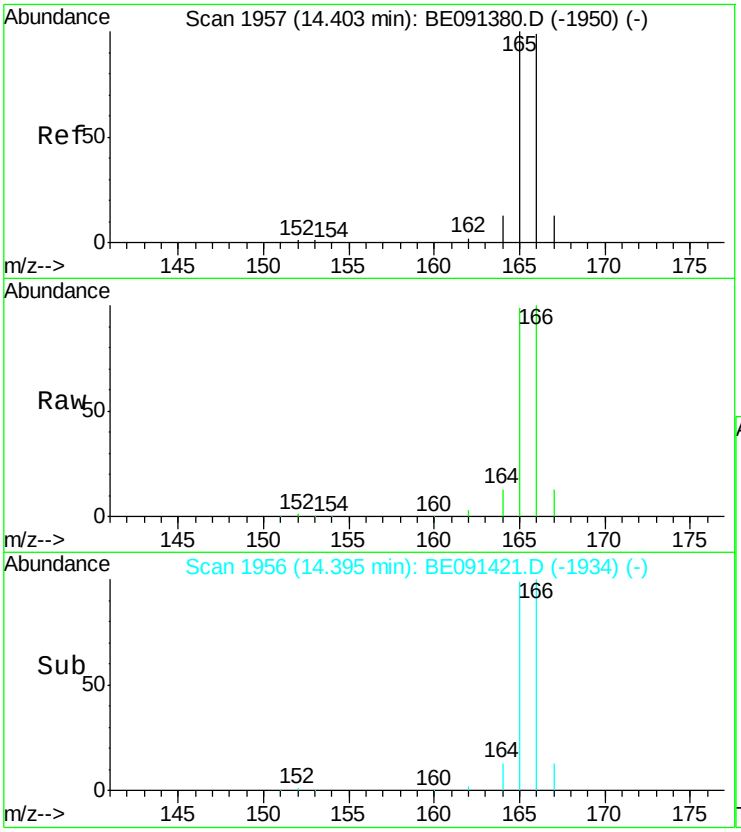


#12
Acenaphthene
Concen: 0.91 ng
RT: 13.41 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:154 Resp: 33589

Ion	Ratio	Lower	Upper
154	100		
153	463.1	369.8	554.8
152	228.5	194.4	291.6



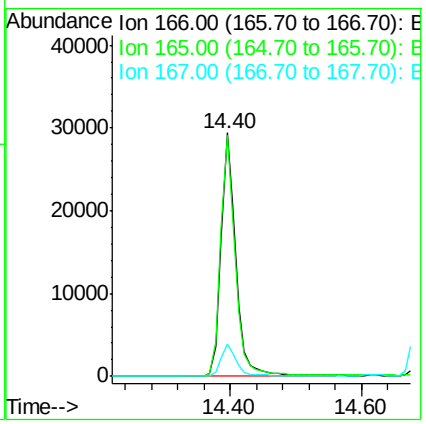


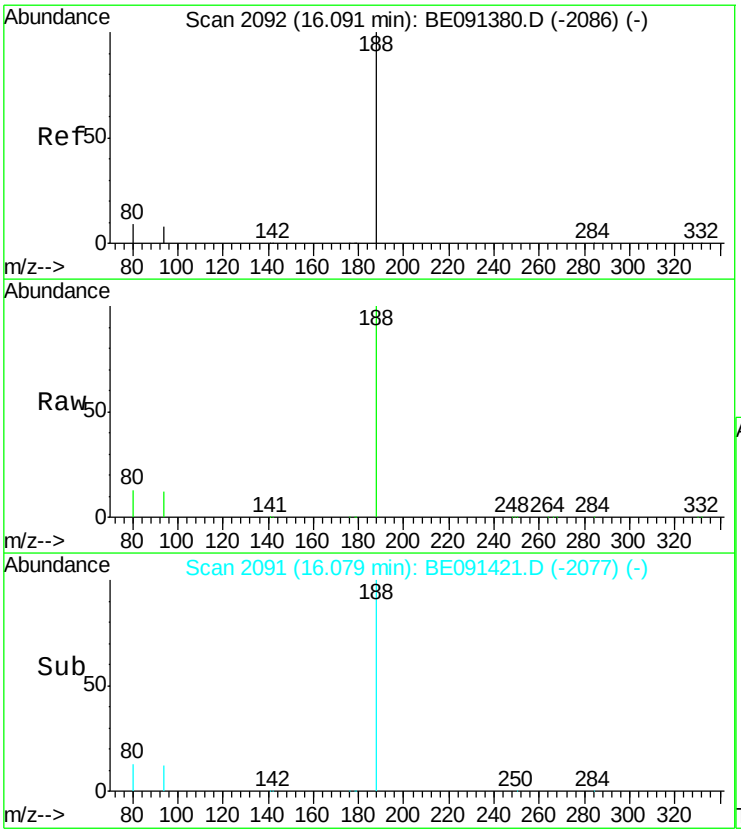
#13
Fluorene
Concen: 0.96 ng
RT: 14.40 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 45404

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.3	118.9
167	13.6	10.6	16.0

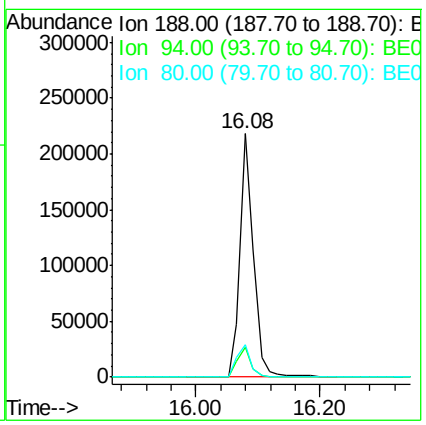


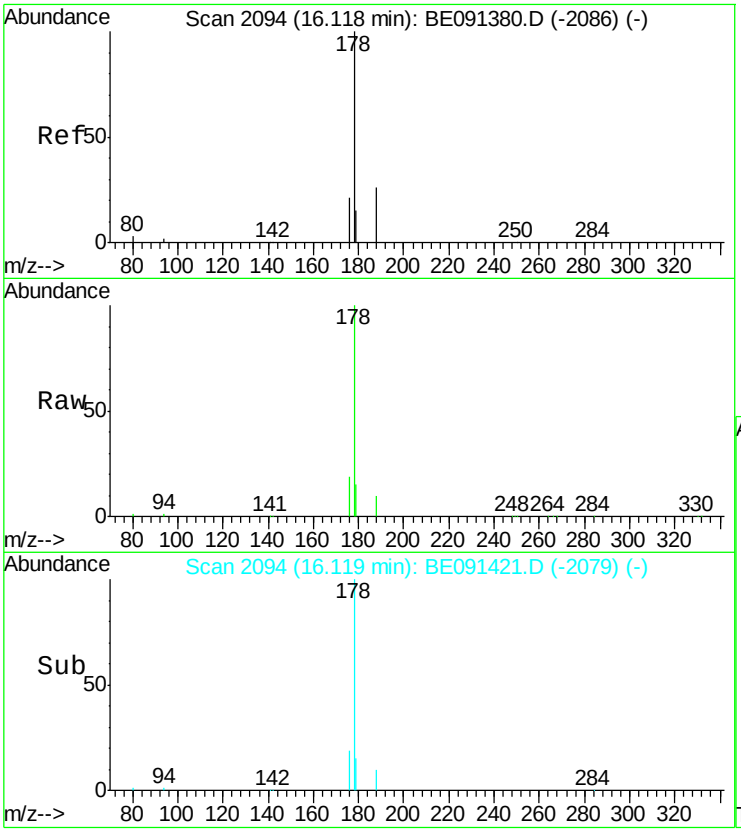


#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:188 Resp: 330780

Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.6	10.0#
80	13.3	7.0	10.6#



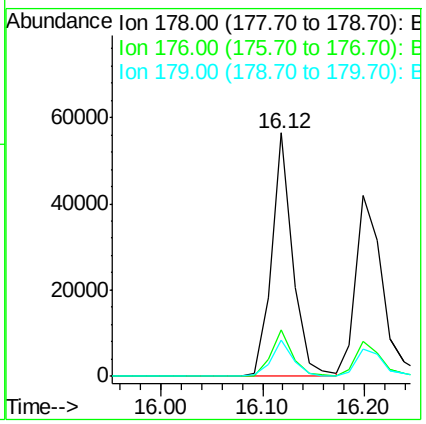


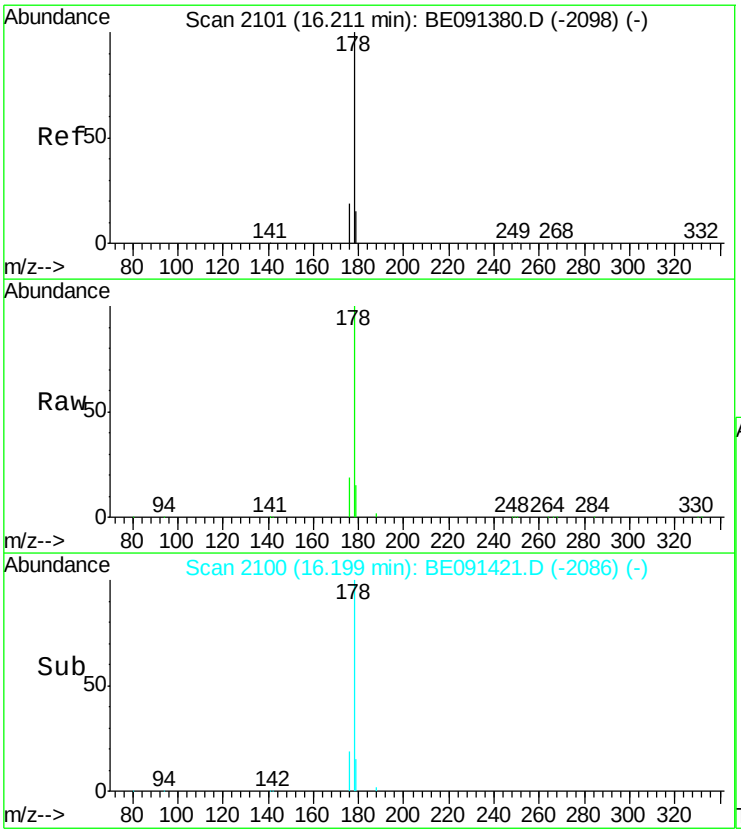
#15
Phenanthrene
Concen: 0.93 ng
RT: 16.12 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 80642

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.7	19.1

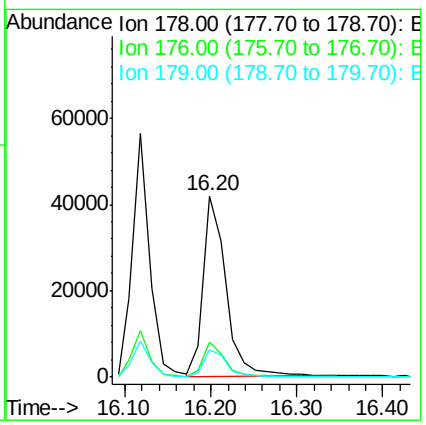


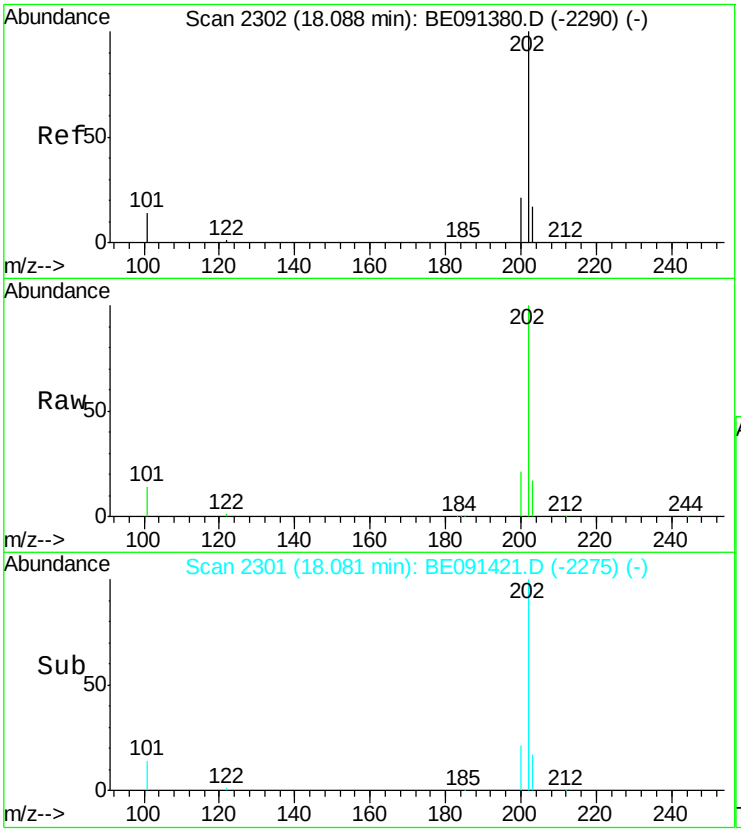


#16
Anthracene
Concen: 1.05 ng
RT: 16.20 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:178 Resp: 76184

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.6	12.1	18.1



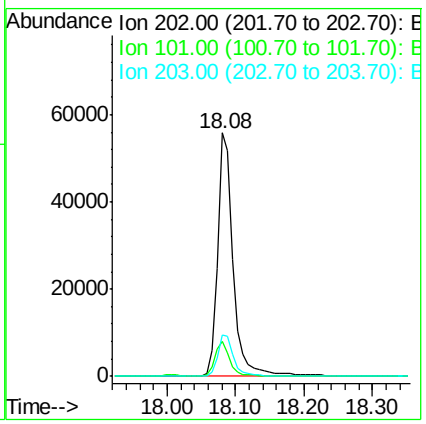


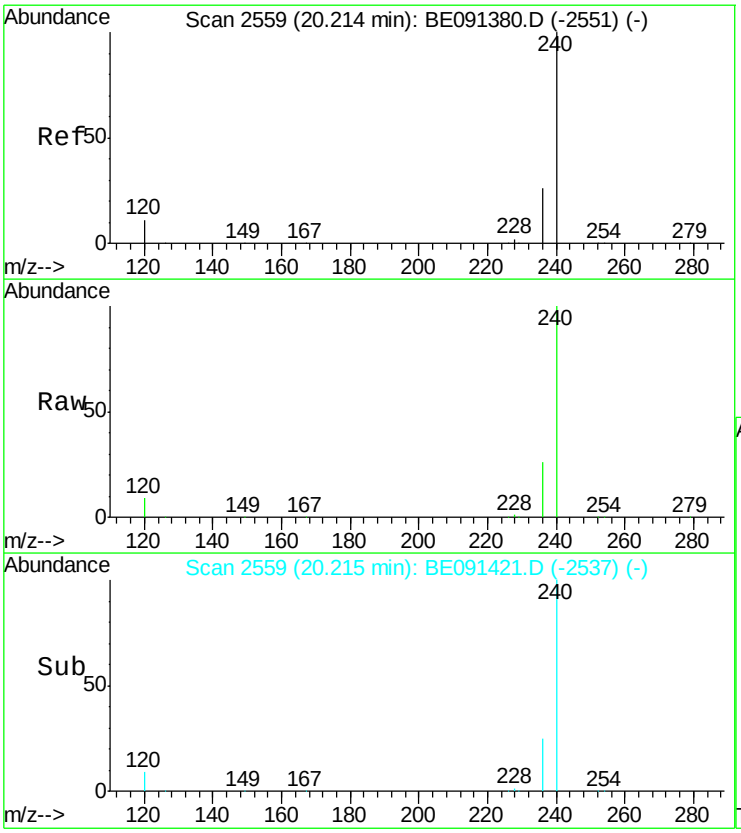
#17
Fluoranthene
Concen: 1.05 ng
RT: 18.08 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 87318

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.5	15.7
203	17.3	13.9	20.9

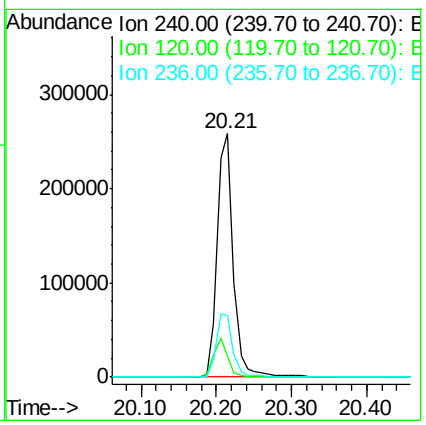


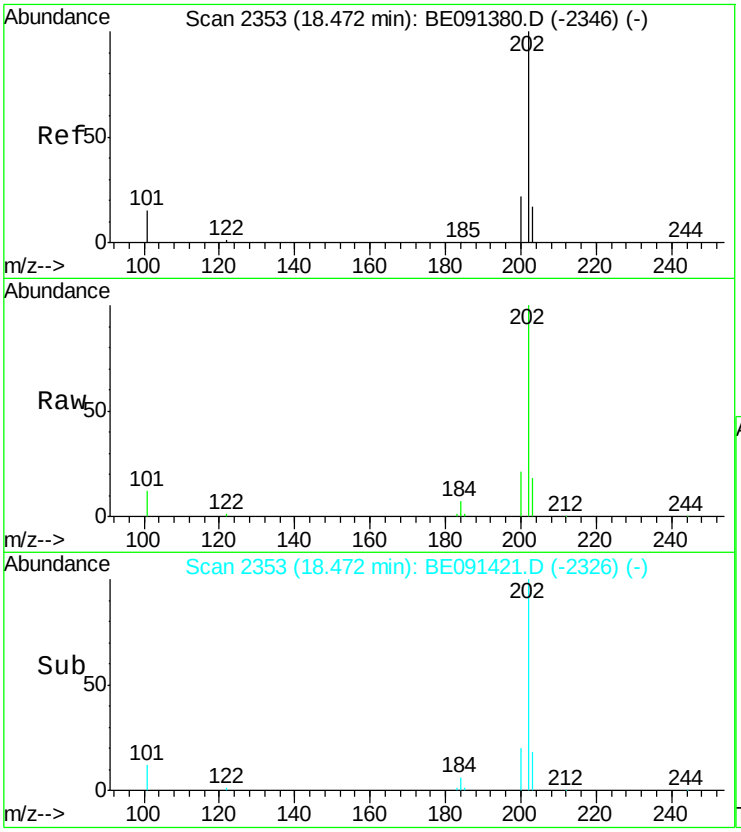


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.21 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:240 Resp: 380908

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.9	13.3#
236	25.5	21.0	31.4



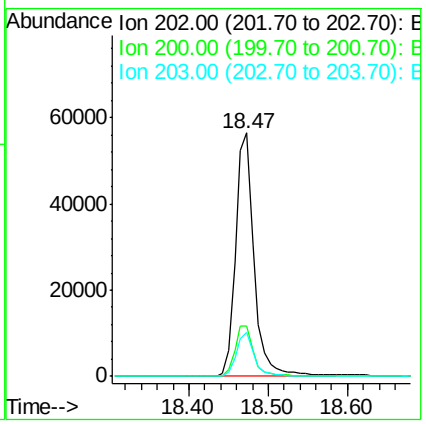


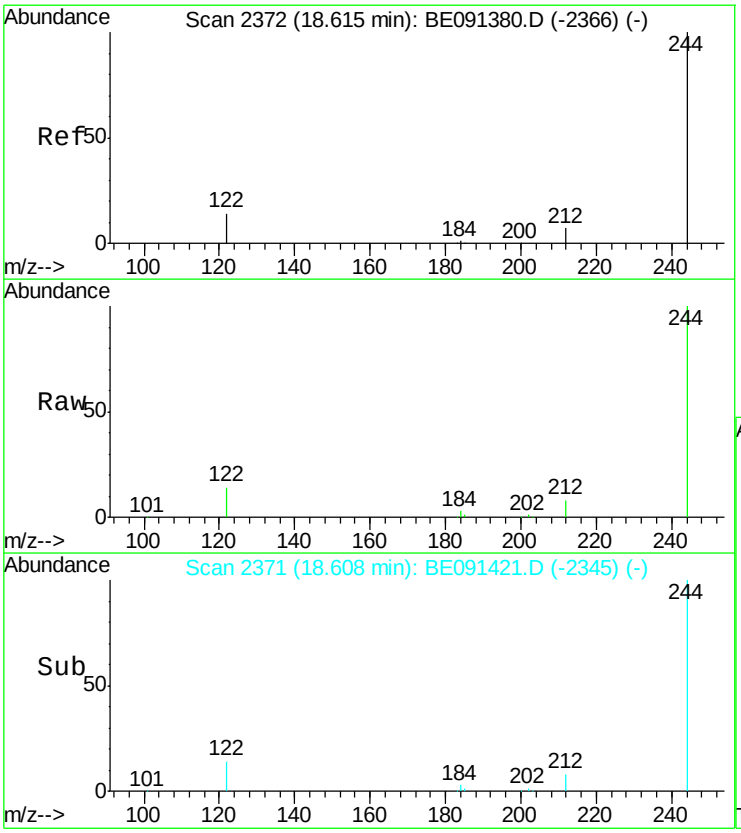
#19
Pyrene
Concen: 1.09 ng
RT: 18.47 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 90071

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.4	14.0	21.0

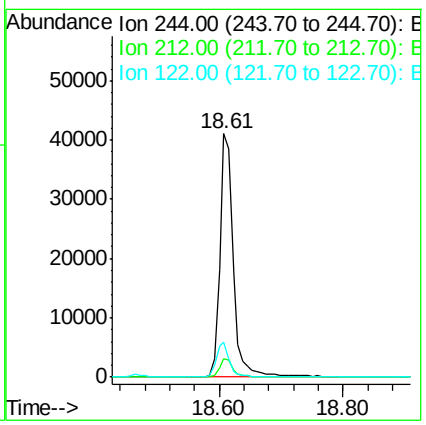


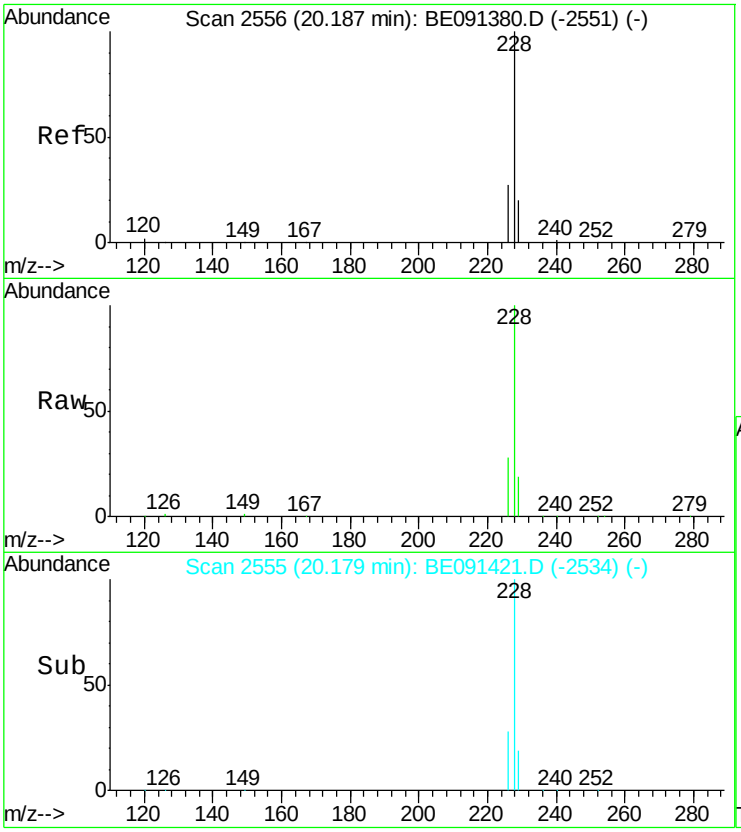


#20
Terphenyl-d14
Concen: 1.07 ng
RT: 18.61 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:244 Resp: 60545

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	14.2	11.0	16.6



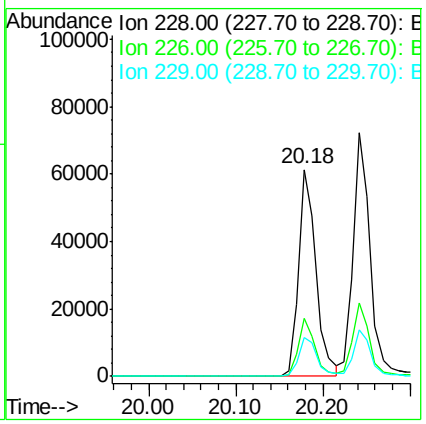


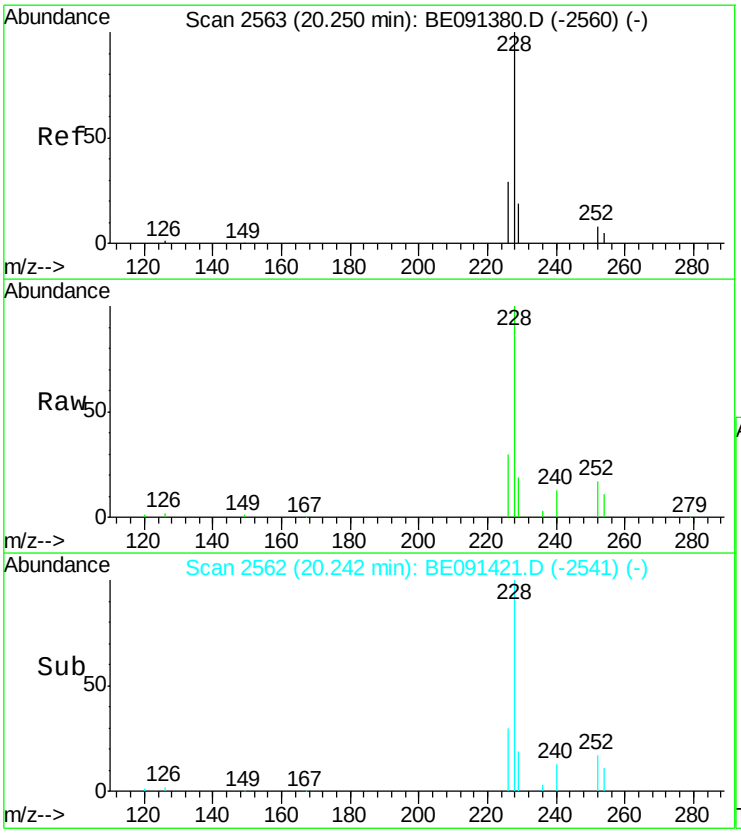
#21
Benzo(a)anthracene
Concen: 1.12 ng
RT: 20.18 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 83456

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	18.7	16.1	24.1

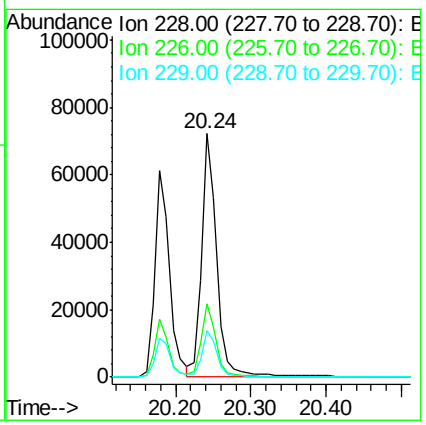


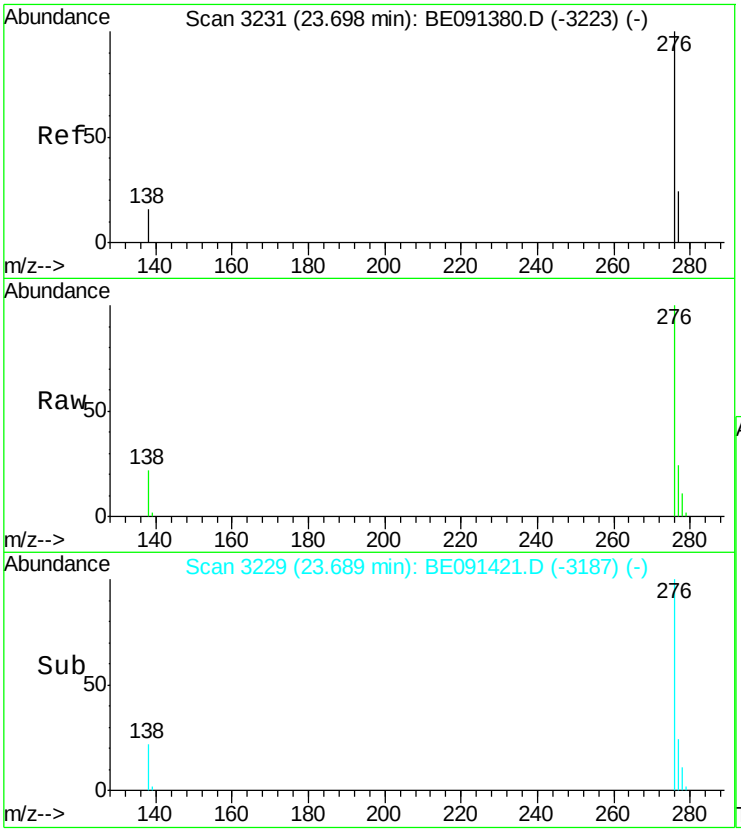


#22
Chrysene
Concen: 1.01 ng
RT: 20.24 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:228 Resp: 100452

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.1	15.7	23.5



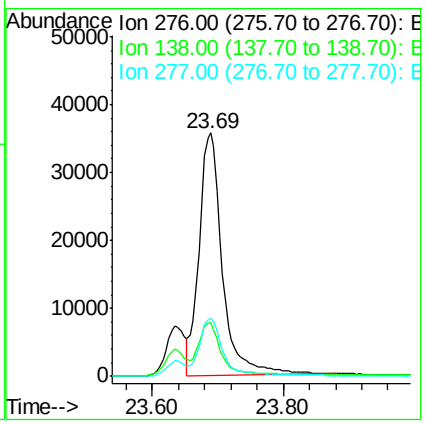


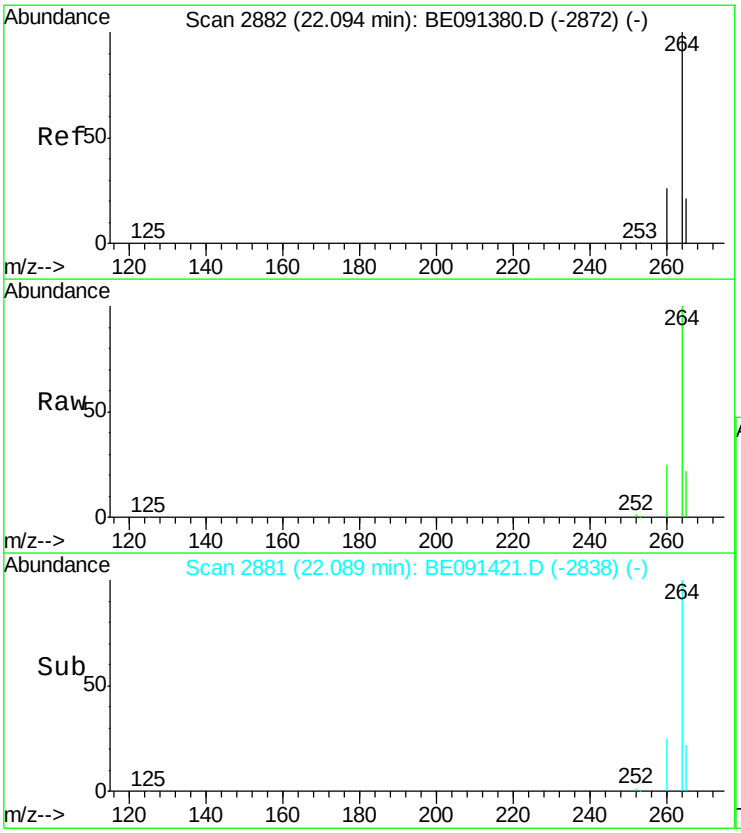
#23
Indeno(1,2,3-cd)pyrene
Concen: 1.14 ng
RT: 23.69 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 87825

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.6	25.0
277	23.6	19.0	28.6

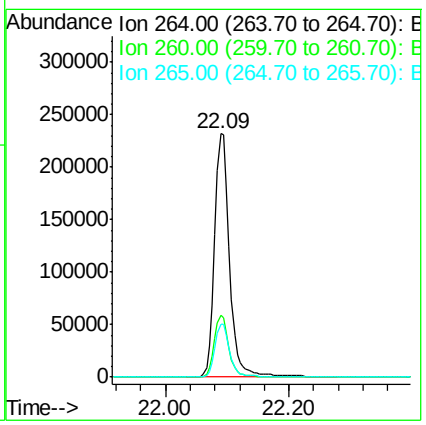


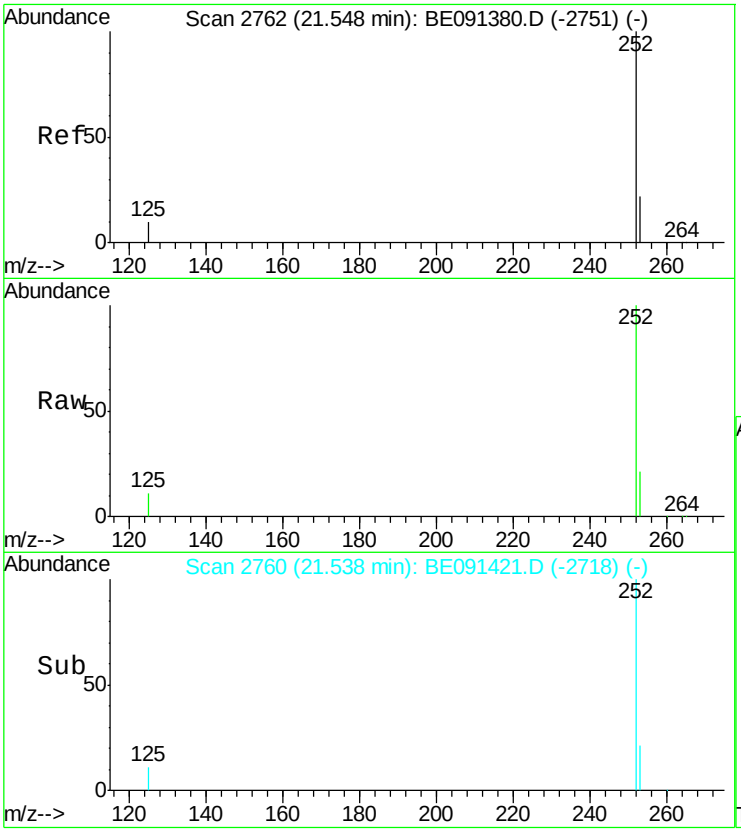


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.09 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:264 Resp: 391953

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.7	31.1
265	21.7	17.2	25.8



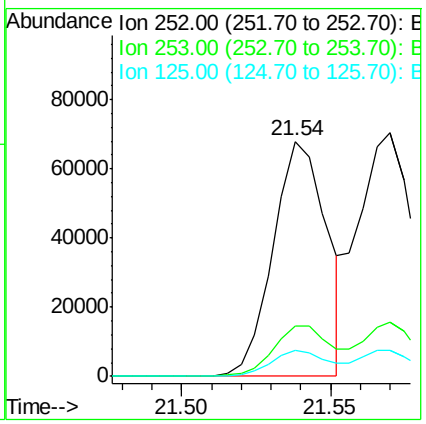


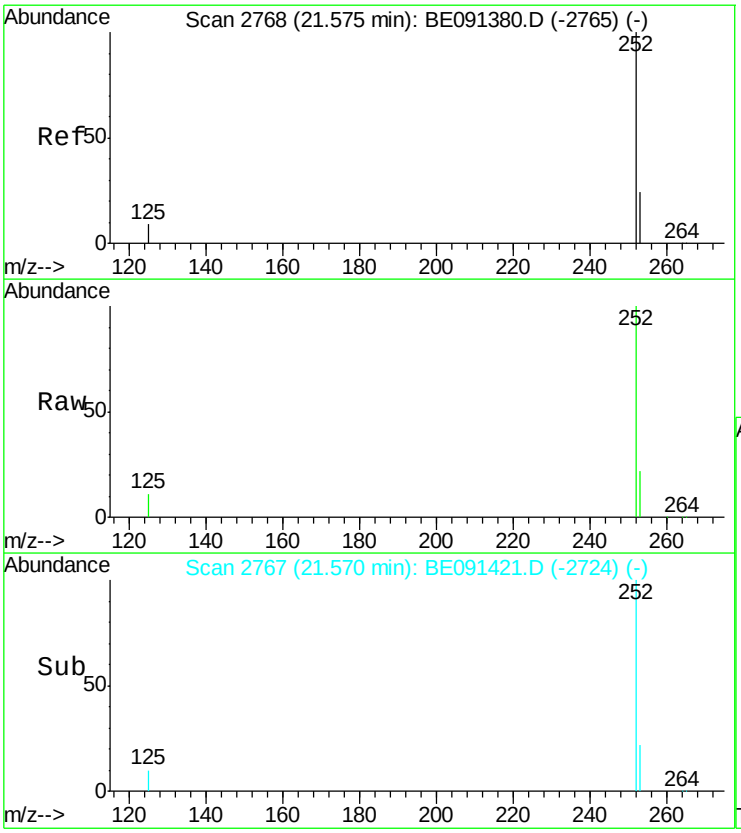
#25
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 21.54 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 84679

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	11.3	8.3	12.5

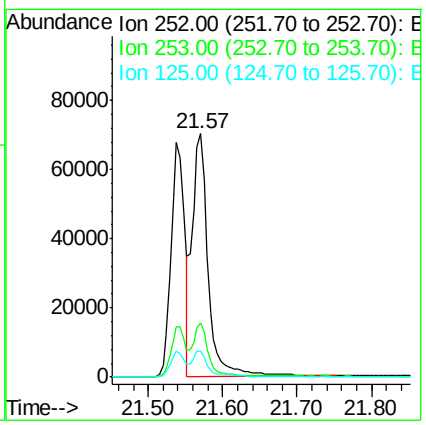


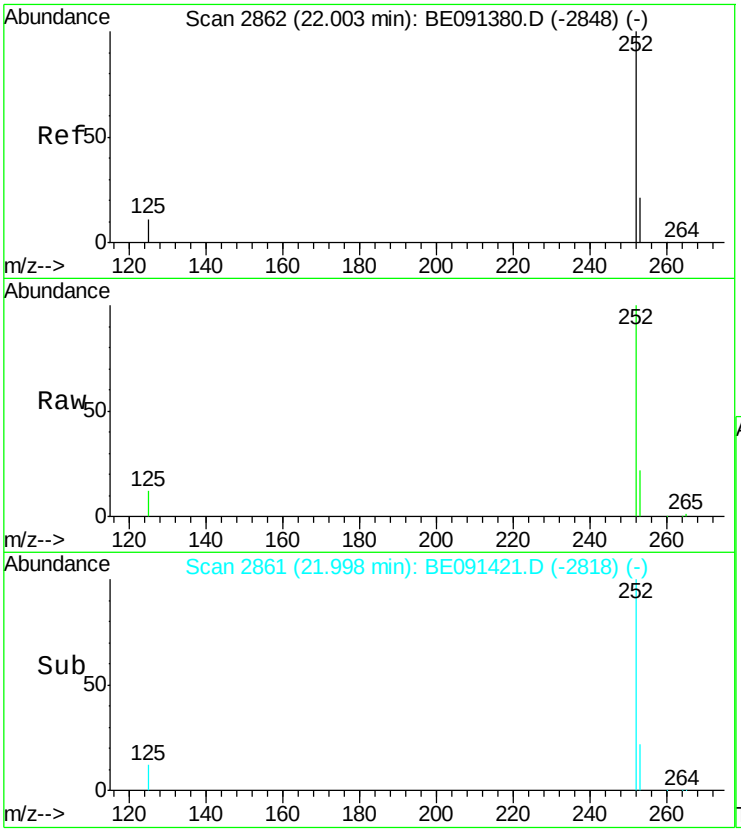


#26
Benzo(k)fluoranthene
Concen: 1.07 ng
RT: 21.57 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:252 Resp: 103325

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.5	8.2	12.4



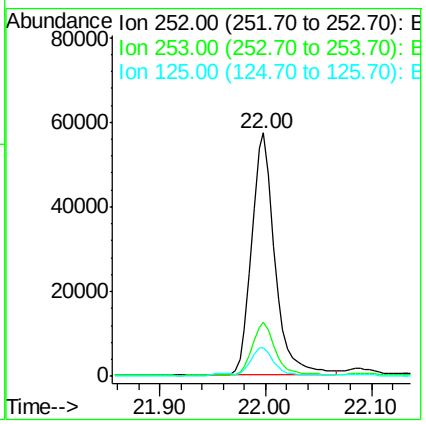


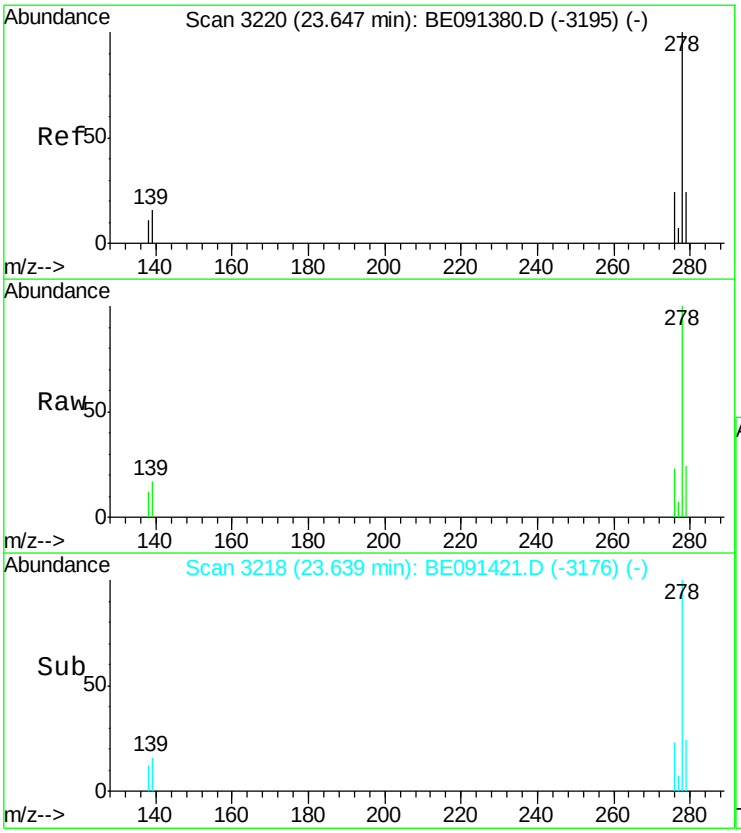
#27
Benzo(a)pyrene
Concen: 1.11 ng
RT: 22.00 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 87955

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.8	9.4	14.0

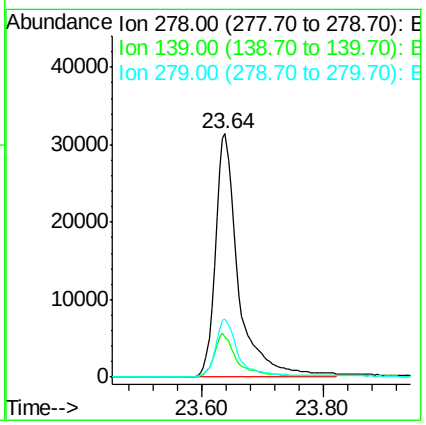


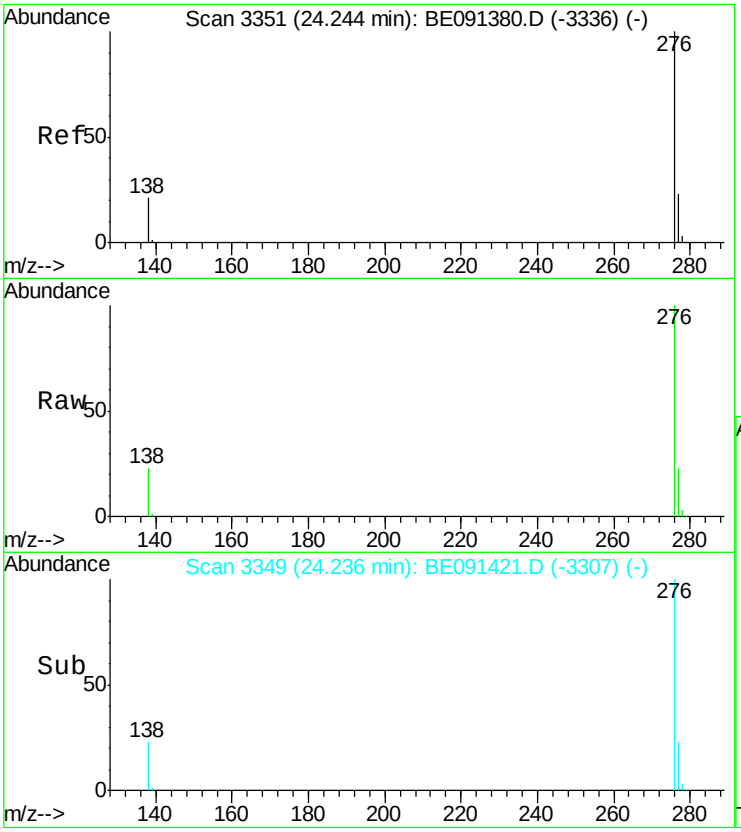


#28
Dibenzo(a,h)anthracene
Concen: 1.13 ng
RT: 23.64 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Tgt Ion:278 Resp: 82533

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.4
279	24.1	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 1.05 ng
RT: 24.24 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BE091421.D
Acq: 19 Feb 2016 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 90918

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	23.4	17.0	25.6