Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091377.D
Acq On : 2 Feb 2016 14:53
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Feb 02 17:48:07 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	6.88	152	45080	5.00	ng		0.00
4) Naphthalene-d8	9.55	136	204703	5.00	ng		0.00
8) Acenaphthene-d10	13.35	164	131427	5.00	ng		0.00
14) Phenanthrene-d10	16.09	188	356380	5.00	ng		0.00
18) Chrysene-d12	20.22	240	383444	5.00	ng		0.00
24) Perylene-d12	22.09	264	361237	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	5.04	112	1375	0.29	ng		0.09
3) Phenol-d6	6.63	99	2508	0.33	ng		0.06
5) Nitrobenzene-d5	8.21	82	2015	0.17	ng		0.05
9) 2,4,6-Tribromophenol	14.92	330	724	0.27	ng		0.01
10) 2-Fluorobiphenyl	12.02	172	8321	0.29	ng		0.01
20) Terphenyl-d14	18.62	244	13810	0.38	ng		0.00
Target Compounds							Qvalue
6) Naphthalene	9.60	128	11883	0.27	ng		99
7) 2-Methylnaphthalene	11.16	142	5880	0.34	ng		95
11) Acenaphthylene	13.11	152	40808	0.24	ng		99
12) Acenaphthene	13.42	154	9586	0.26	ng	#	72
13) Fluorene	14.41	166	11584	0.28	ng		97
15) Phenanthrene	16.13	178	24770	0.28	ng		99
16) Anthracene	16.21	178	18373	0.30	ng		100
17) Fluoranthene	18.10	202	21489	0.34	ng		99
19) Pyrene	18.48	202	20048	0.34	ng		100
21) Benzo(a)anthracene	20.19	228	16856	0.32	ng		98
22) Chrysene	20.25	228	28906	0.31	ng		98
23) Indeno(1,2,3-cd)pyrene	23.71	276	16342m	0.27	ng		
25) Benzo(b)fluoranthene	21.55	252	17413m	0.29	ng		
26) Benzo(k)fluoranthene	21.58	252	21356	0.30	ng	#	96
27) Benzo(a)pyrene	22.00	252	15585	0.25	ng		97
28) Dibenzo(a,h)anthracene	23.66	278	12284	0.27	ng		98
29) Benzo(g,h,i)perylene	24.26	276	17750	0.30	ng	#	92

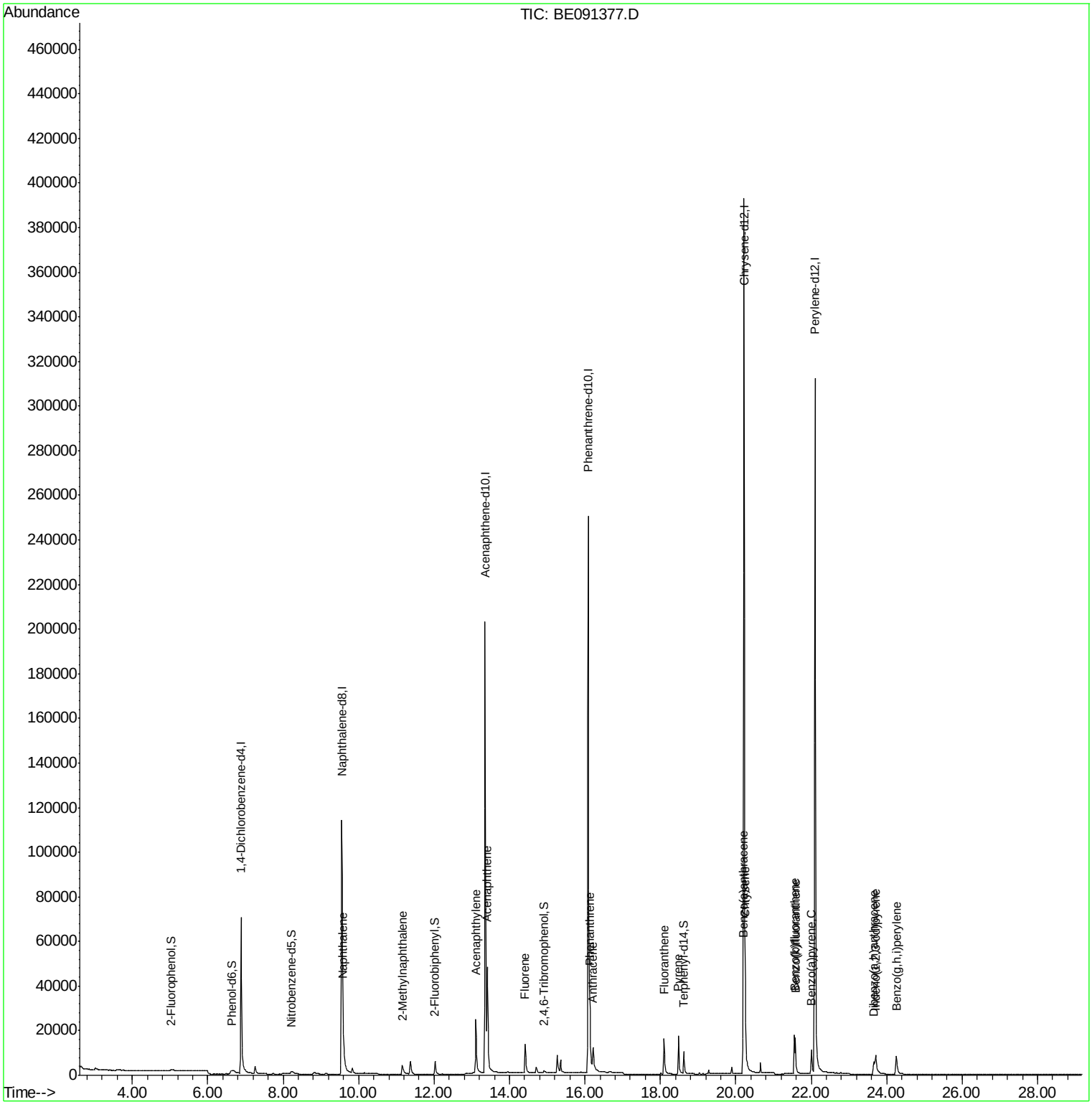
(#) = qualifier out of range (m) = manual integration (+) = signals summed

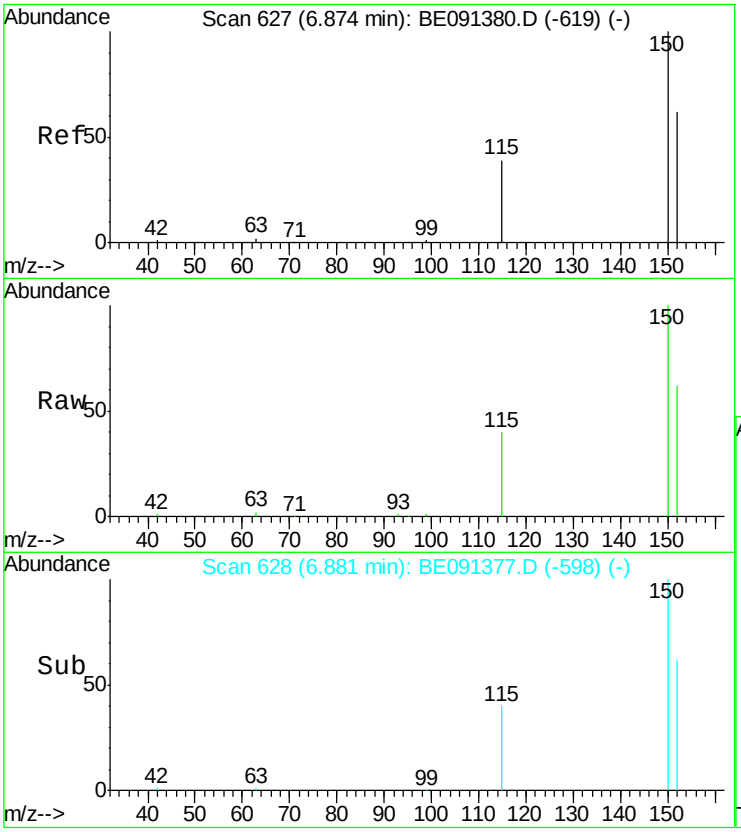
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020216\
Data File : BE091377.D
Acq On : 2 Feb 2016 14:53
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Feb 02 17:48:07 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



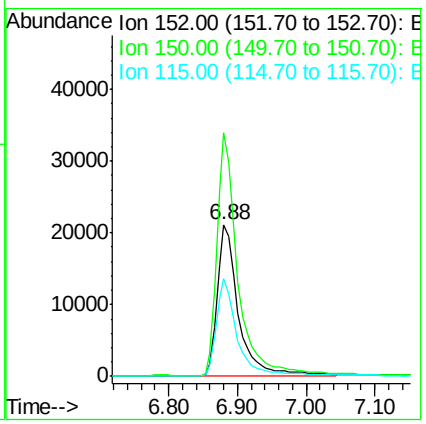


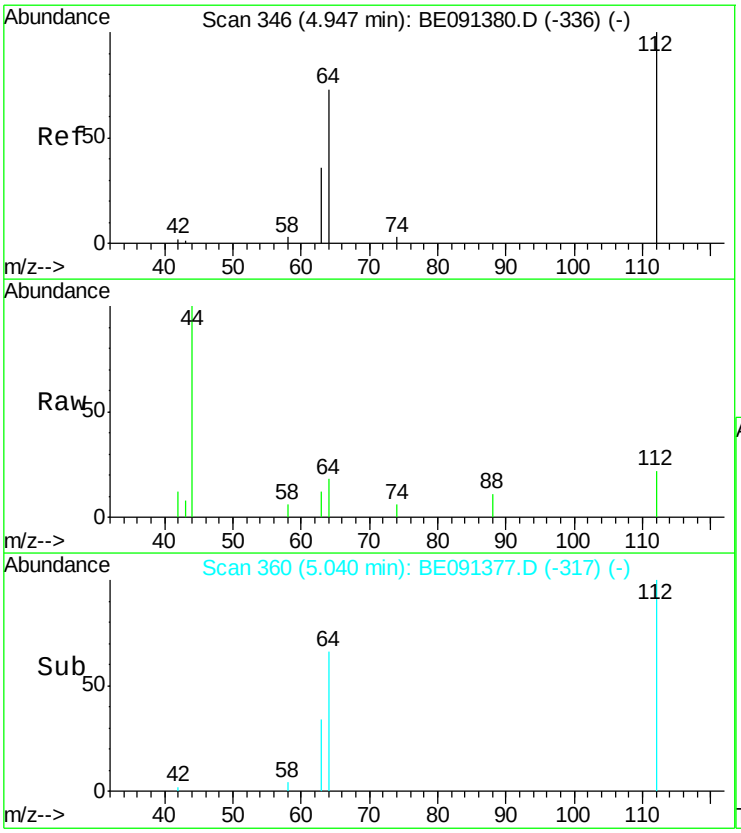
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.88 min Scan# 628
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 45080

Ion	Ratio	Lower	Upper
152	100		
150	160.4	121.6	182.4
115	64.2	50.6	75.8

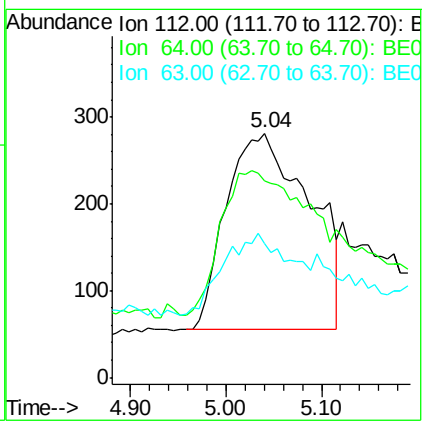


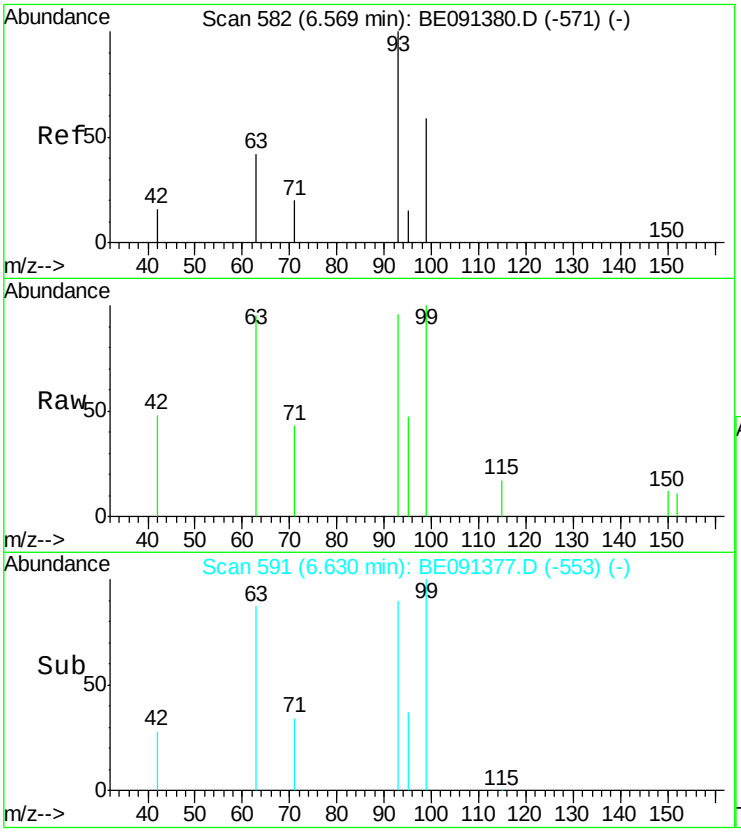


#2
2-Fluorophenol
Concen: 0.29 ng
RT: 5.04 min Scan# 360
Delta R.T. 0.09 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:112 Resp: 1375

Ion	Ratio	Lower	Upper
112	100		
64	81.6	57.4	86.0
63	34.3	32.2	48.2



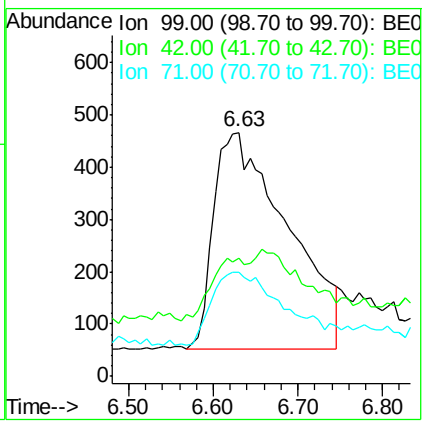


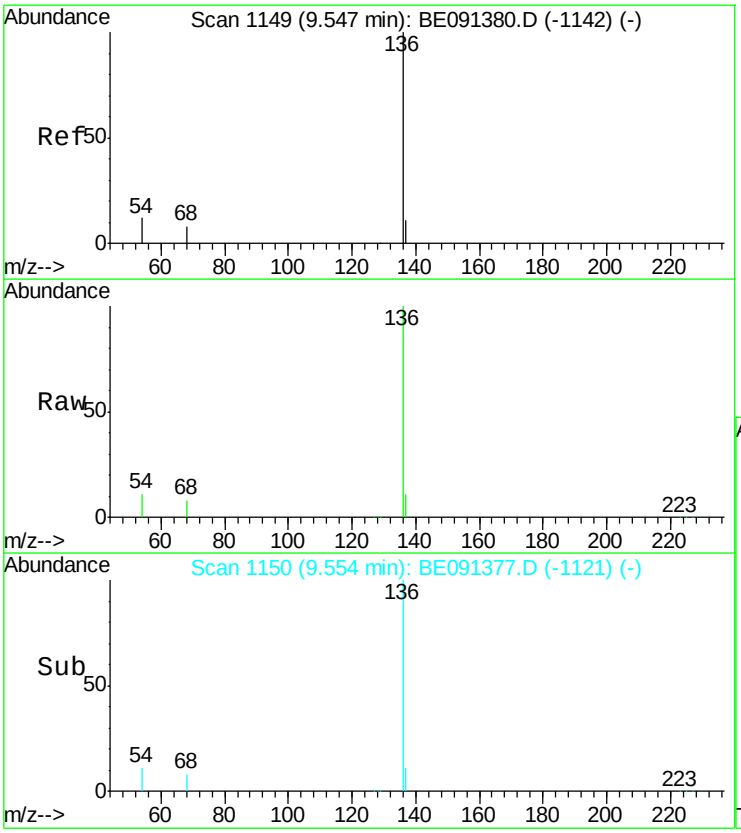
#3
Phenol-d6
Concen: 0.33 ng
RT: 6.63 min Scan# 591
Delta R.T. 0.06 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2508

Ion	Ratio	Lower	Upper
99	100		
42	13.0	22.9	34.3#
71	33.6	35.4	53.2#

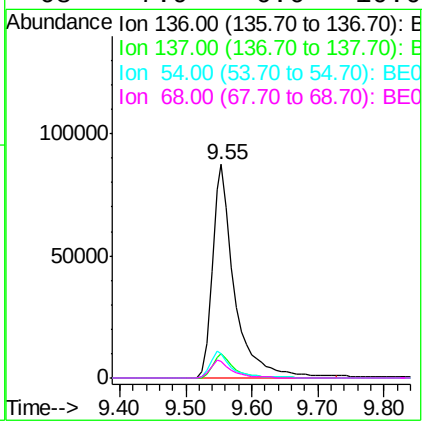


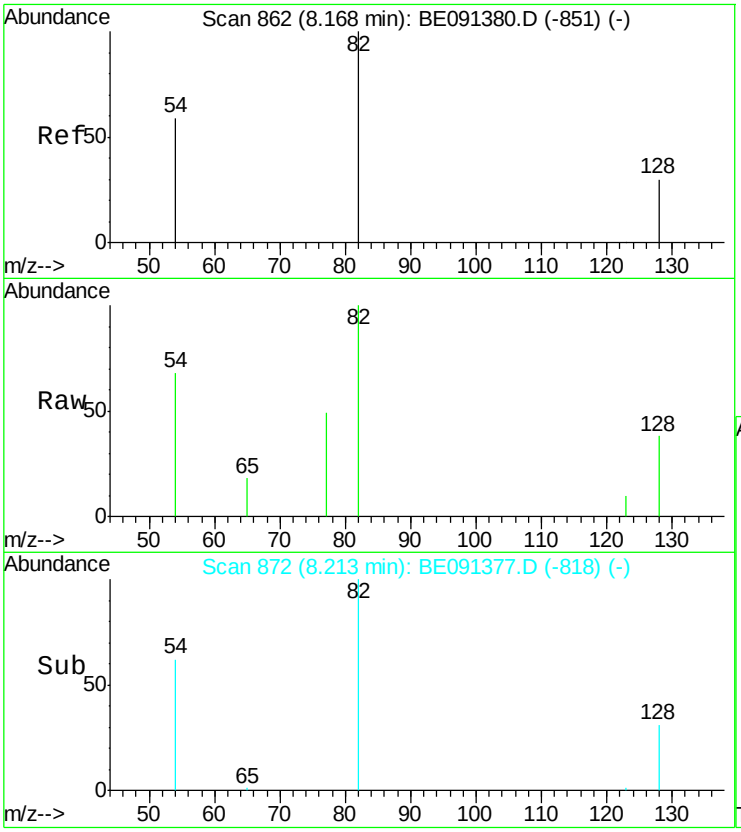


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.55 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:136 Resp: 204703

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.1	9.8	14.6
68	7.9	6.6	10.0



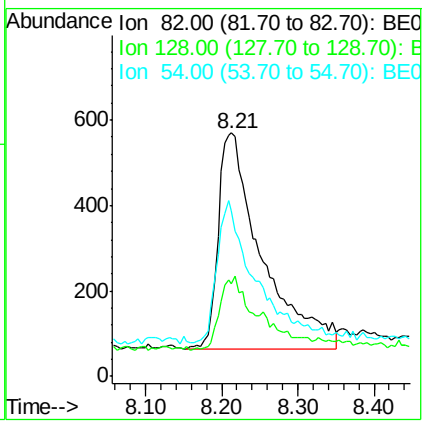


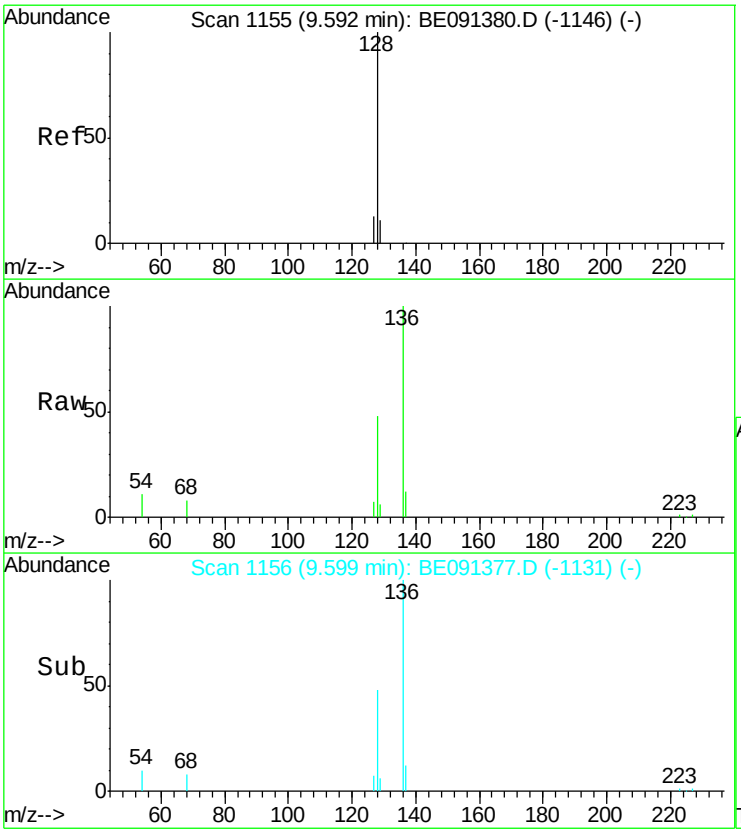
#5
Nitrobenzene-d5
Concen: 0.17 ng
RT: 8.21 min Scan# 872
Delta R.T. 0.05 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 82 Resp: 2015

Ion	Ratio	Lower	Upper
82	100		
128	38.1	24.6	36.8#
54	68.1	52.7	79.1

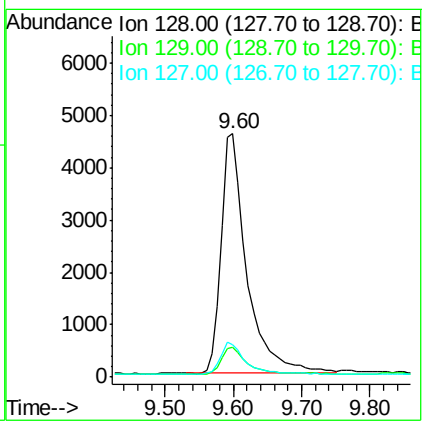


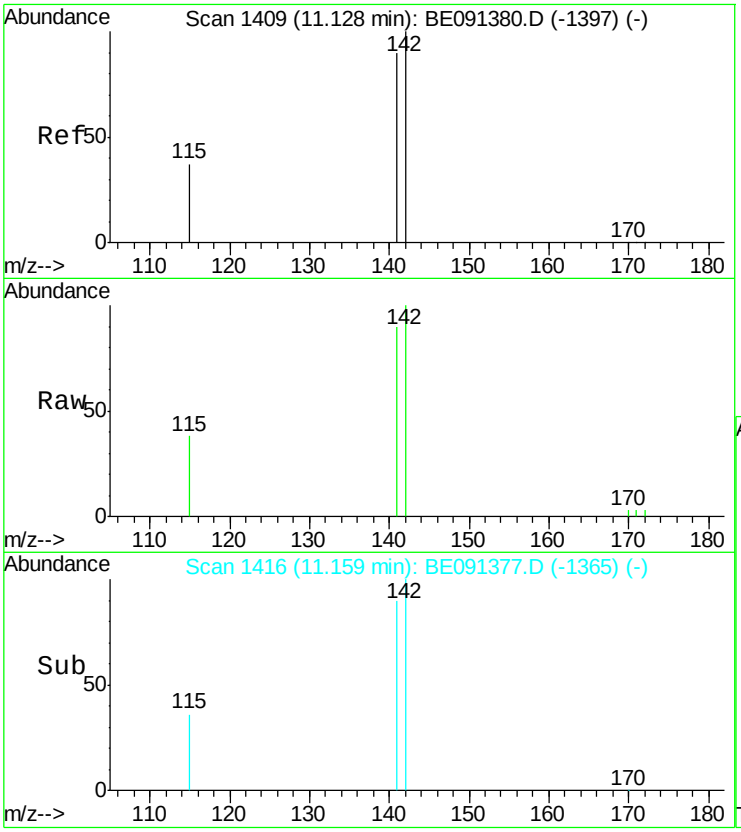


#6
Naphthalene
Concen: 0.27 ng
RT: 9.60 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:128 Resp: 11883

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.5	10.6	15.8



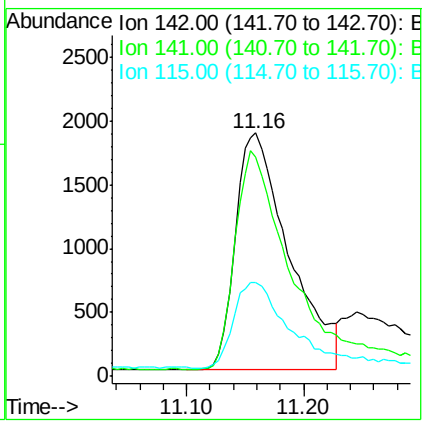


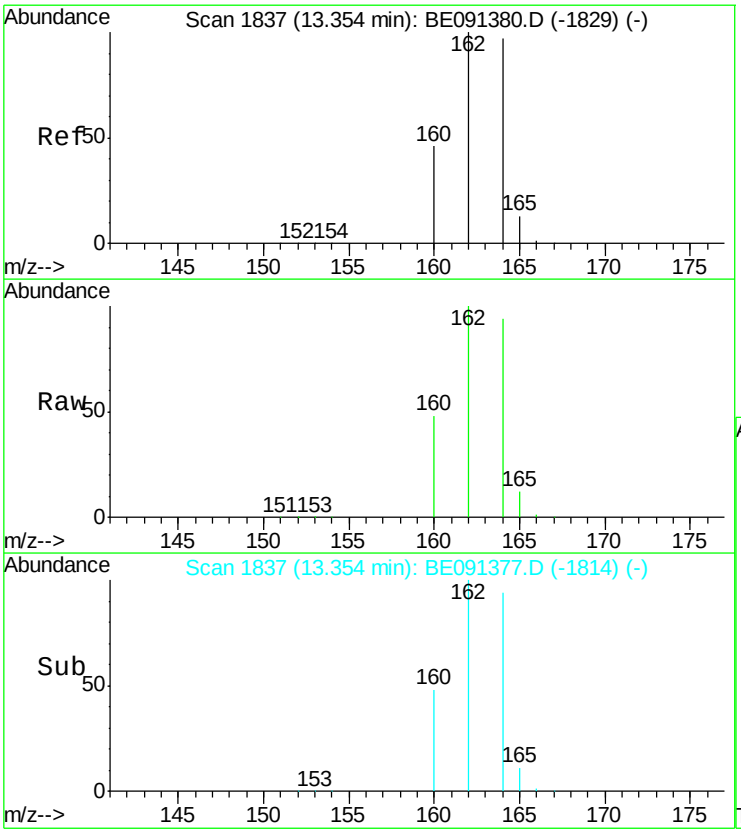
#7
2-Methylnaphthalene
Concen: 0.34 ng
RT: 11.16 min Scan# 1416
Delta R.T. 0.03 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 5880

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.5	111.7
115	38.3	35.2	52.8

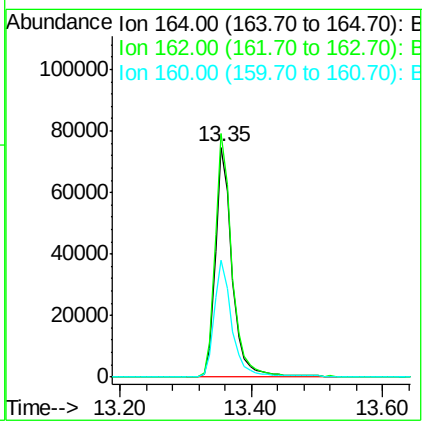


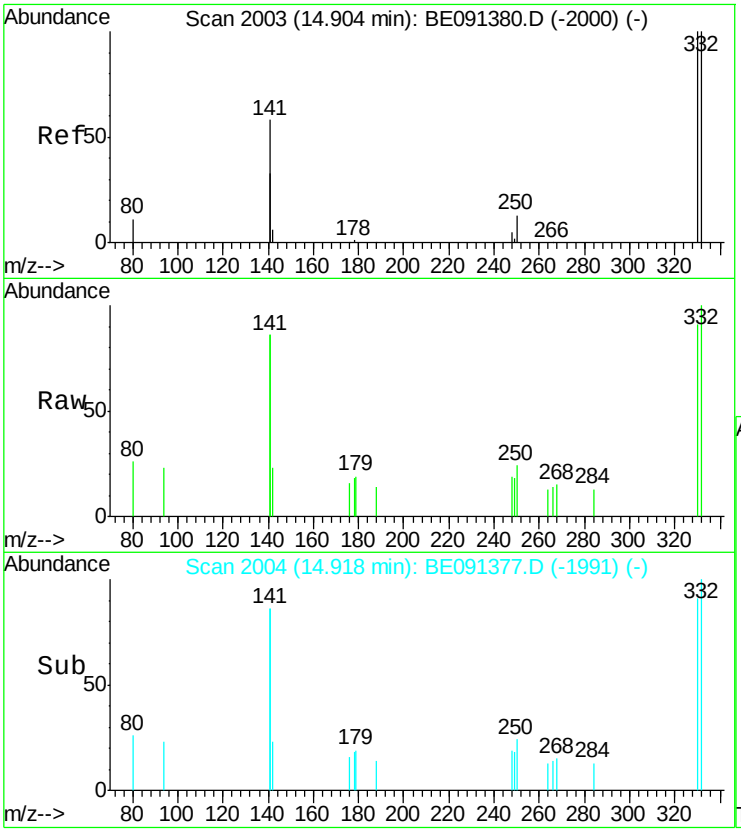


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.35 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:164 Resp: 131427

Ion	Ratio	Lower	Upper
164	100		
162	106.0	88.5	132.7
160	51.1	76.7	115.1#



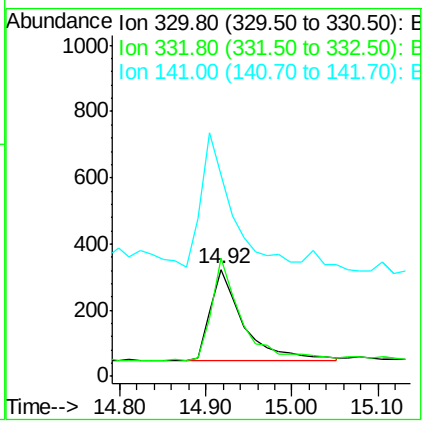


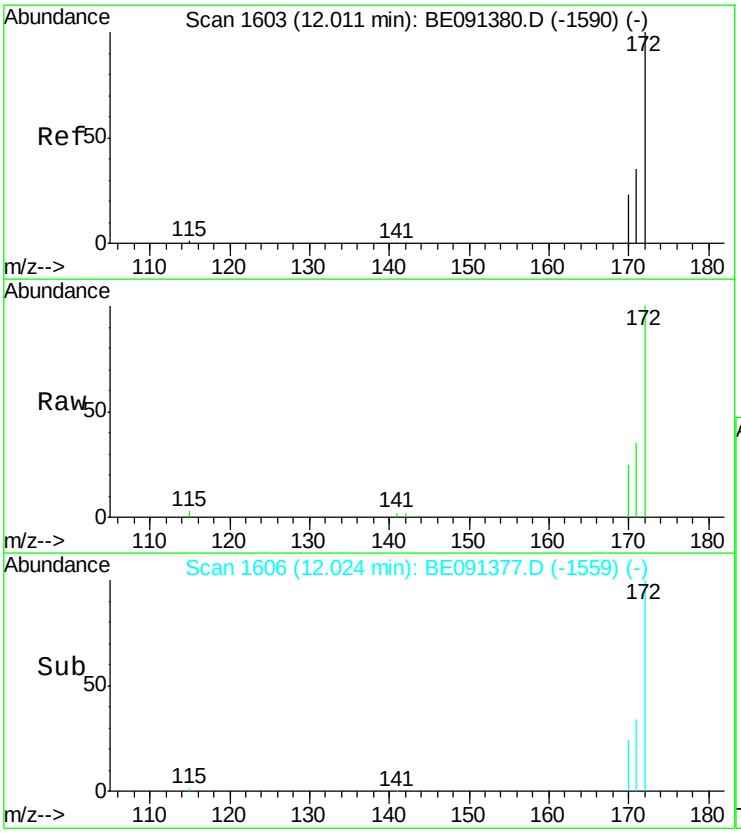
#9
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 14.92 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 724

Ion	Ratio	Lower	Upper
330	100		
332	101.4	78.6	118.0
141	135.2	147.8	221.8#

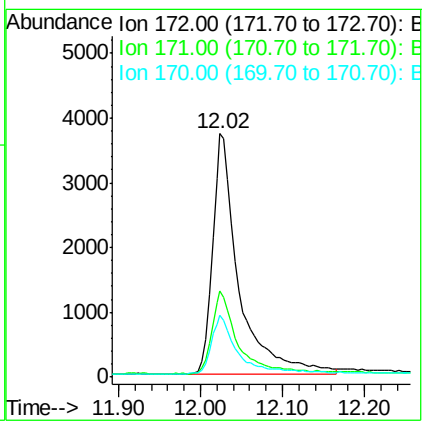


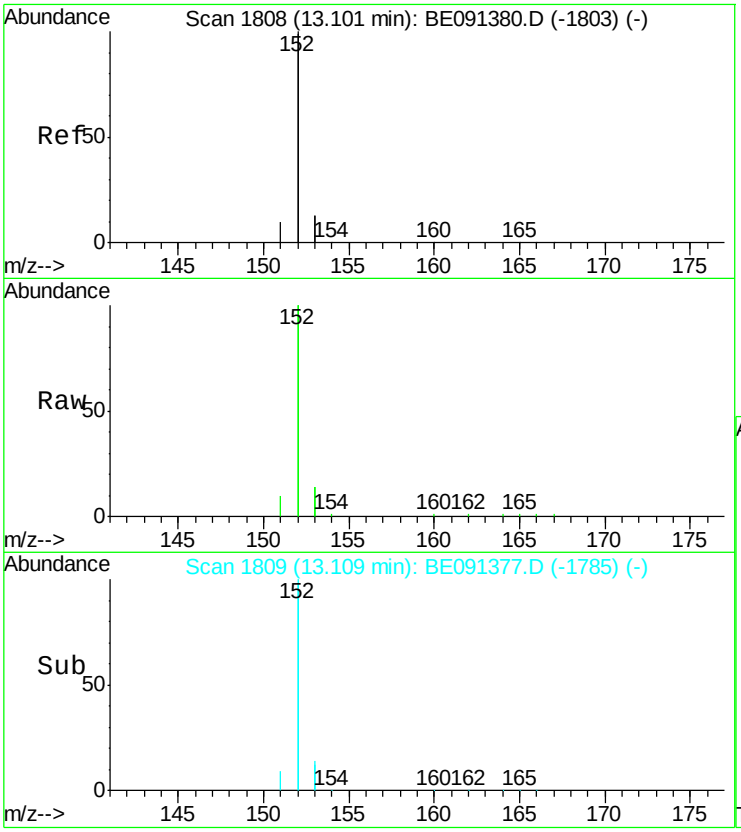


#10
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.02 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:172 Resp: 8321

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	25.3	19.8	29.6



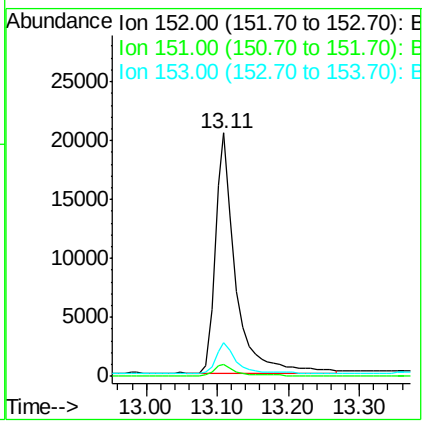


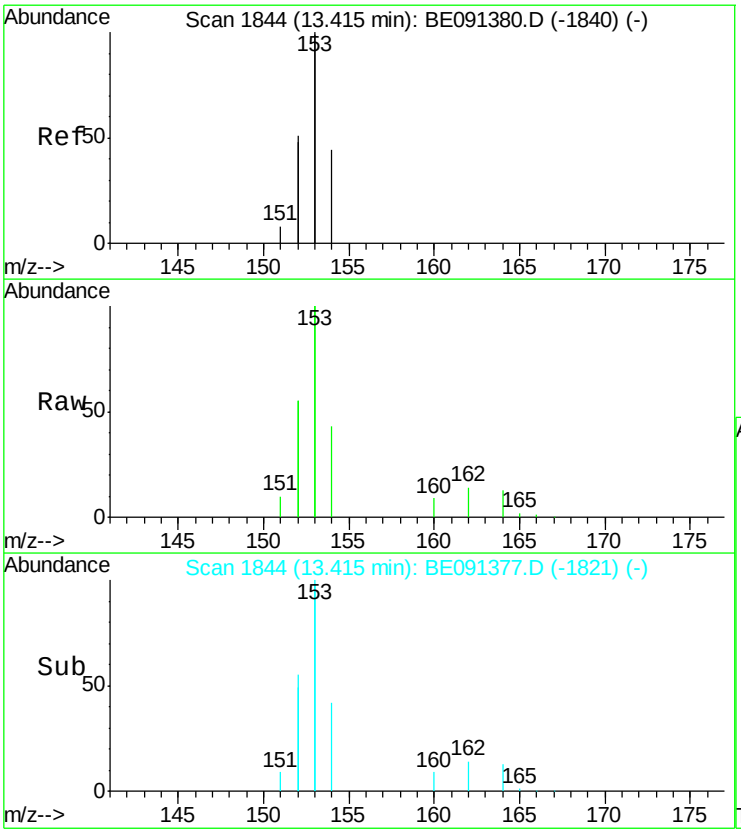
#11
Acenaphthylene
Concen: 0.24 ng
RT: 13.11 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 40808

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

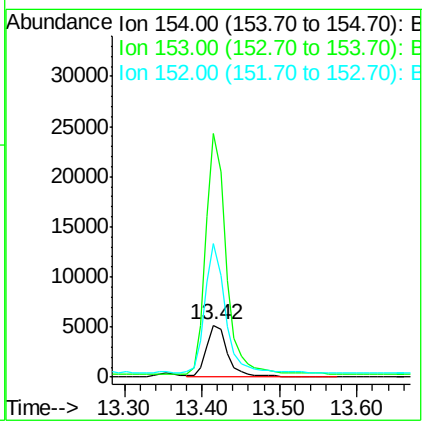


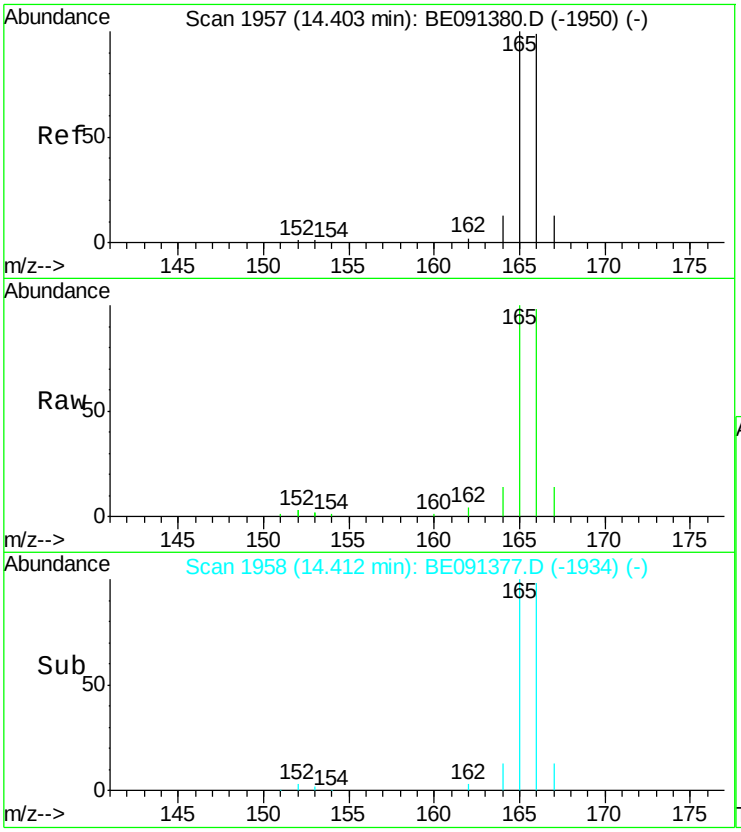


#12
Acenaphthene
Concen: 0.26 ng
RT: 13.42 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:154 Resp: 9586

Ion	Ratio	Lower	Upper
154	100		
153	465.6	370.2	555.4
152	248.4	310.5	465.7#



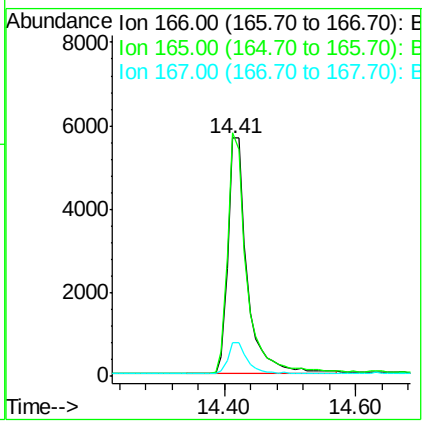


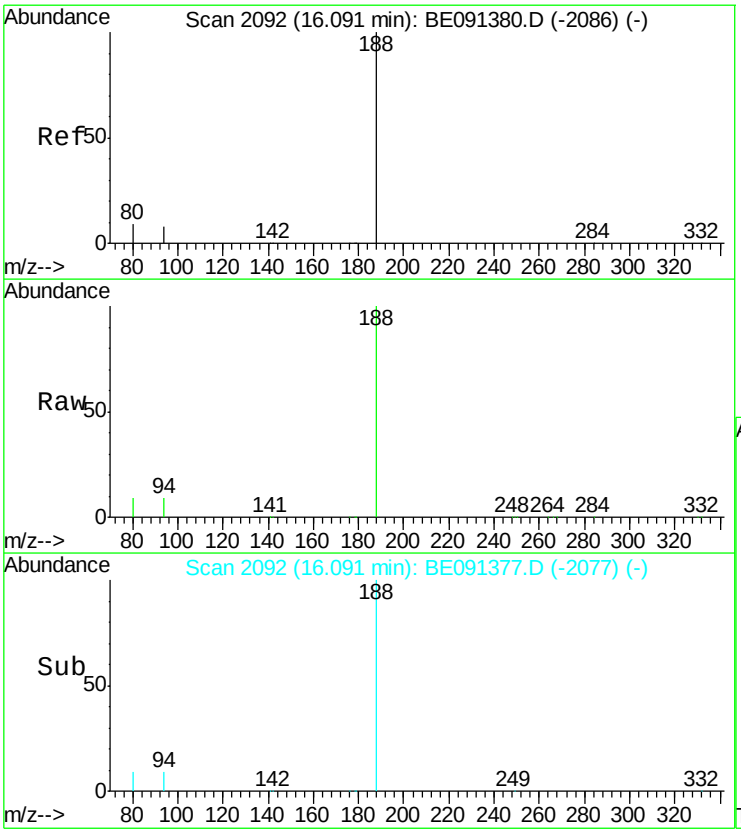
#13
Fluorene
Concen: 0.28 ng
RT: 14.41 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 11584

Ion	Ratio	Lower	Upper
166	100		
165	100.8	83.0	124.6
167	13.8	11.1	16.7

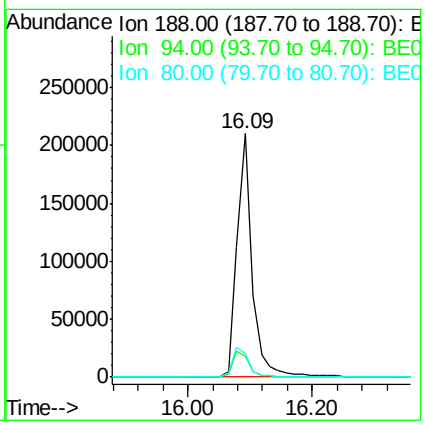


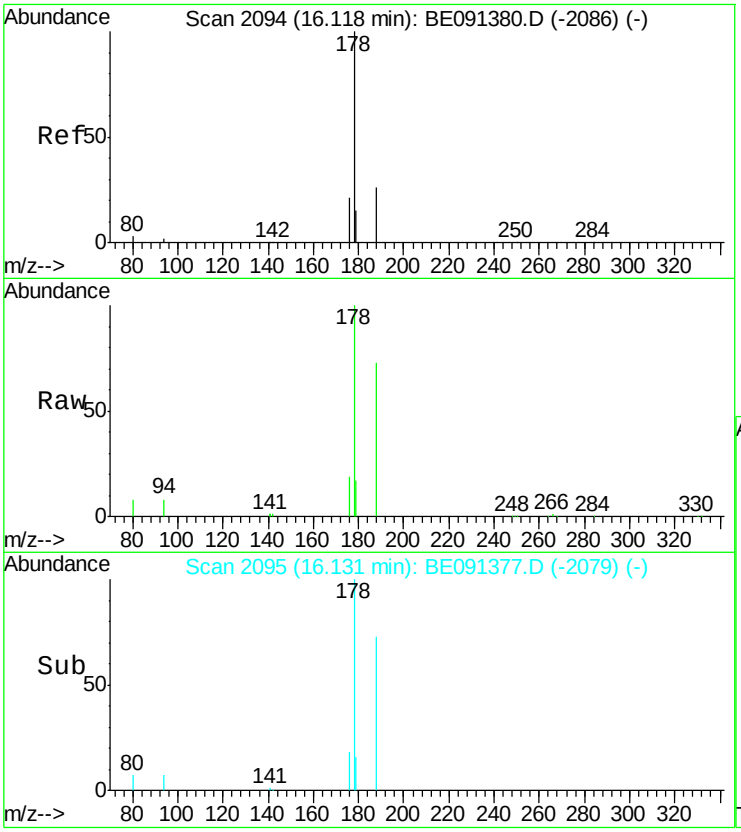


#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.09 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:188 Resp: 356380

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.4	8.2	12.2



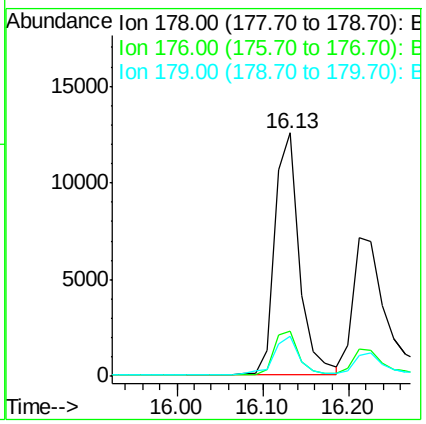


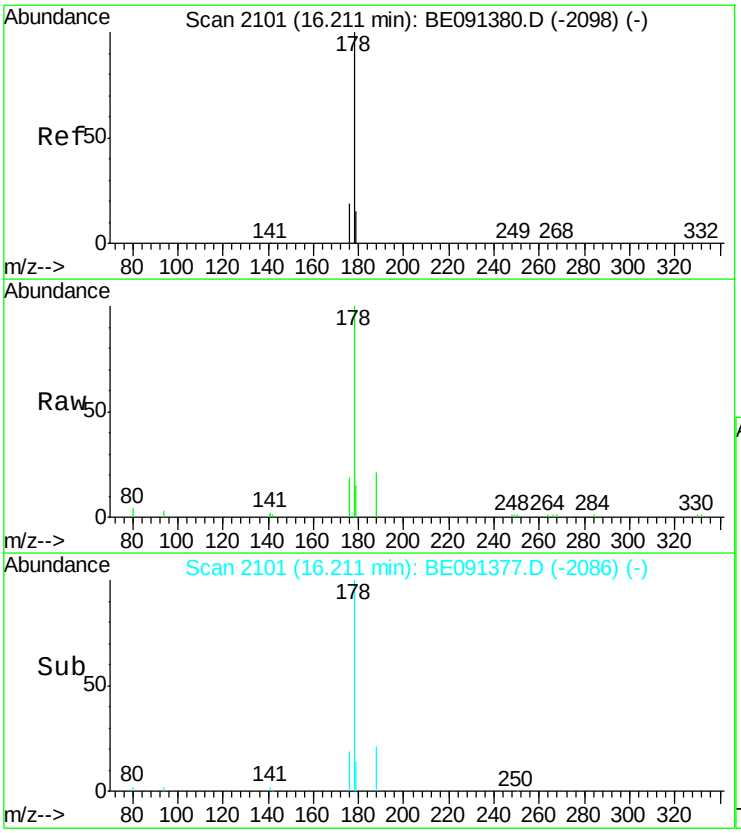
#15
Phenanthrene
Concen: 0.28 ng
RT: 16.13 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 24770

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.9	12.8	19.2

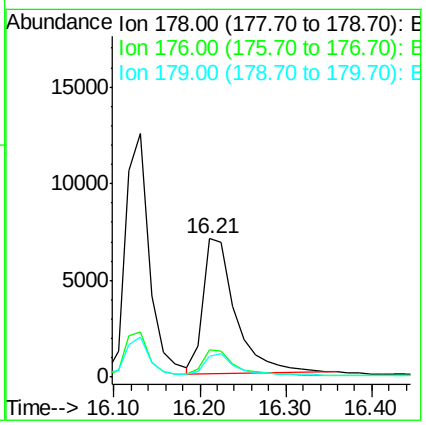


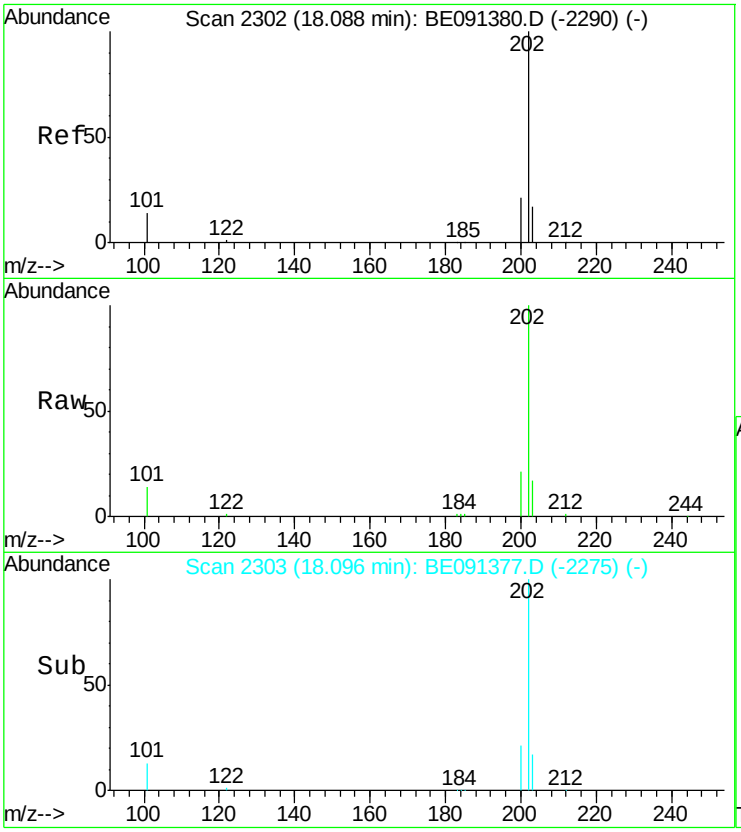


#16
Anthracene
Concen: 0.30 ng
RT: 16.21 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:178 Resp: 18373

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.8	12.4	18.6



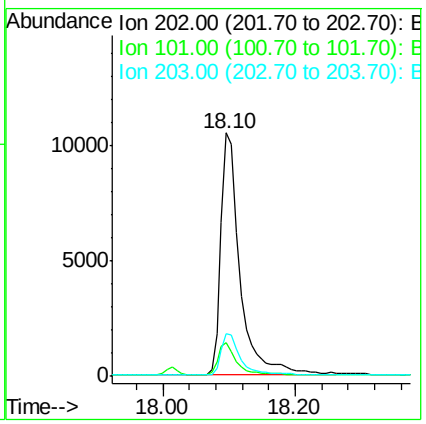


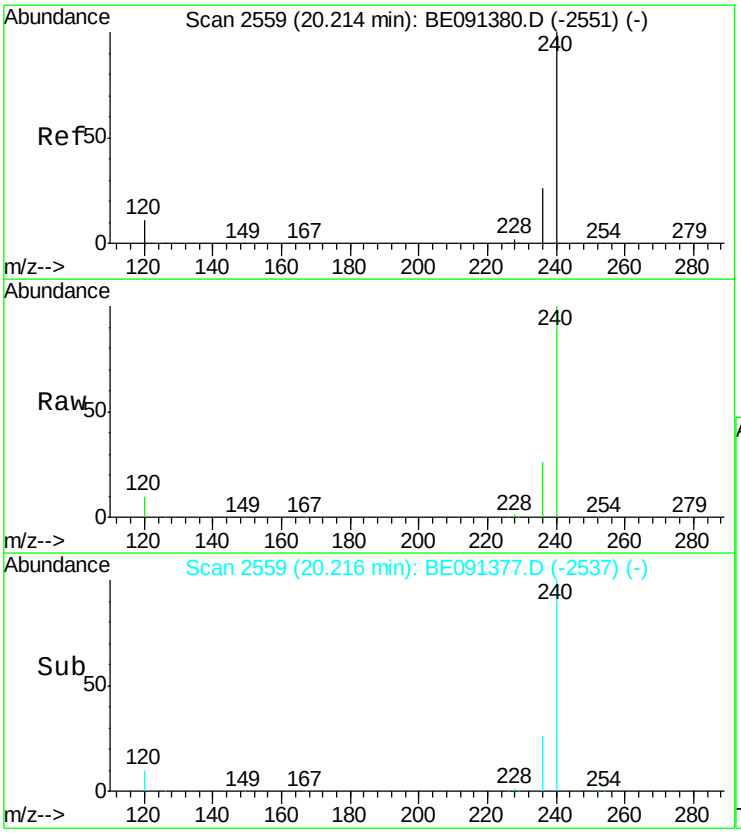
#17
Fluoranthene
Concen: 0.34 ng
RT: 18.10 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 21489

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
203	17.2	13.9	20.9

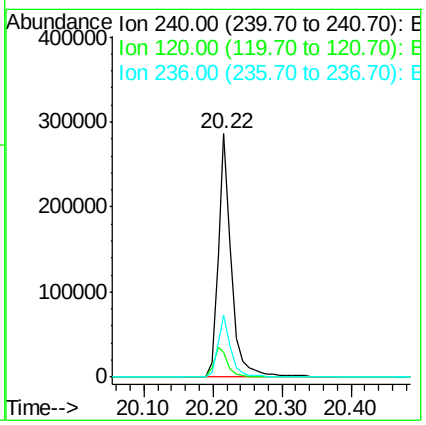


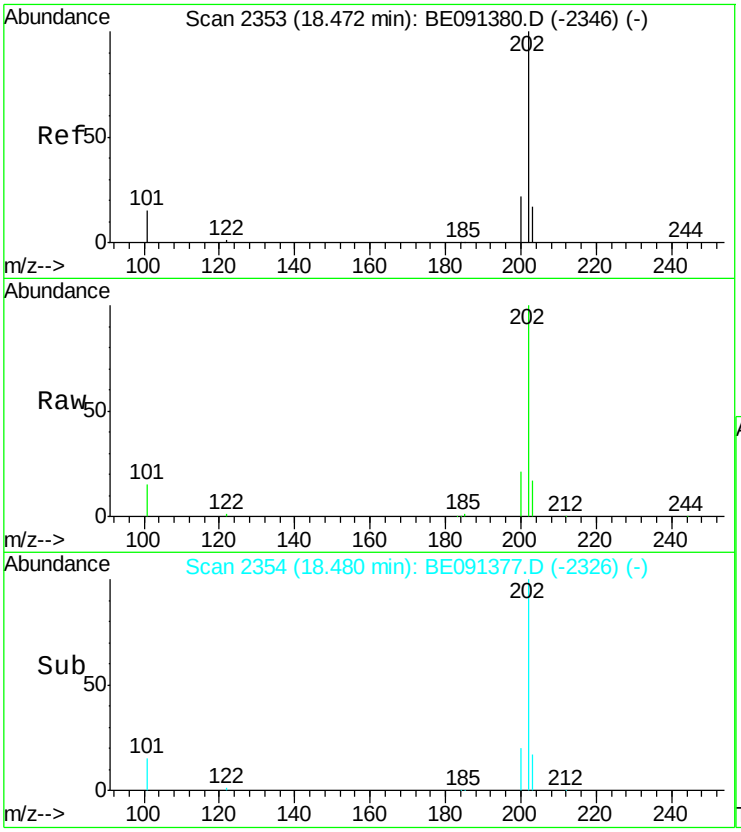


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:240 Resp: 383444

Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.6	19.0#
236	25.6	22.7	34.1



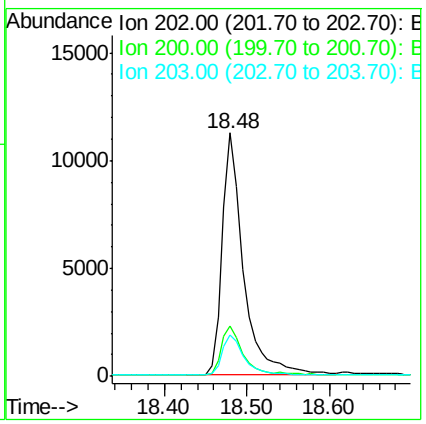


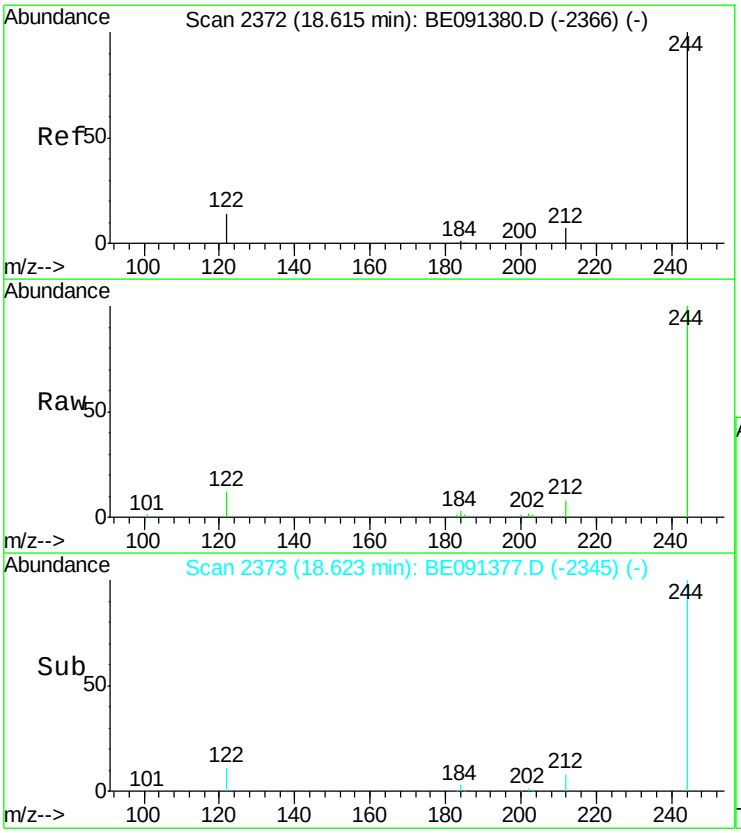
#19
Pyrene
Concen: 0.34 ng
RT: 18.48 min Scan# 2354
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 20048

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.7	14.2	21.4

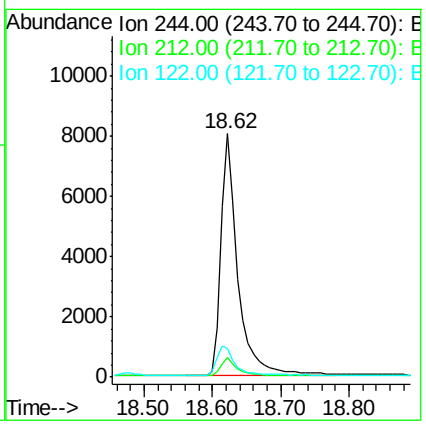


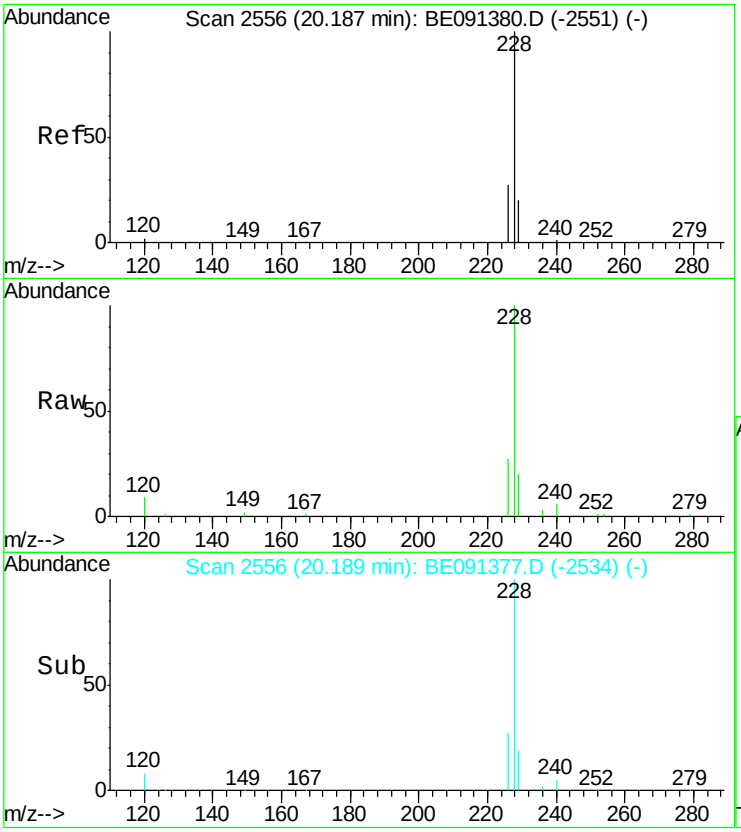


#20
Terphenyl-d14
Concen: 0.38 ng
RT: 18.62 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:244 Resp: 13810

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	11.7	8.5	12.7



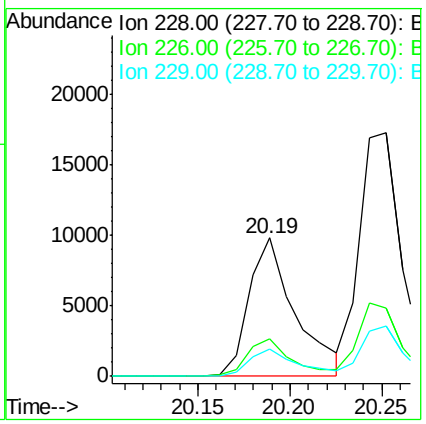


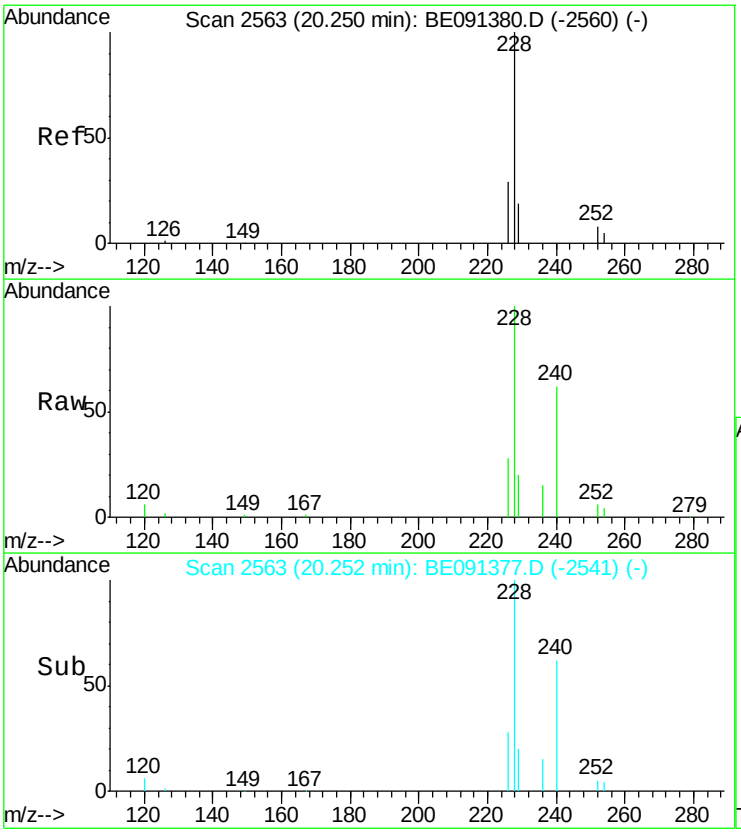
#21
Benzo(a)anthracene
Concen: 0.32 ng
RT: 20.19 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16856

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.5	33.7
229	19.8	16.2	24.4

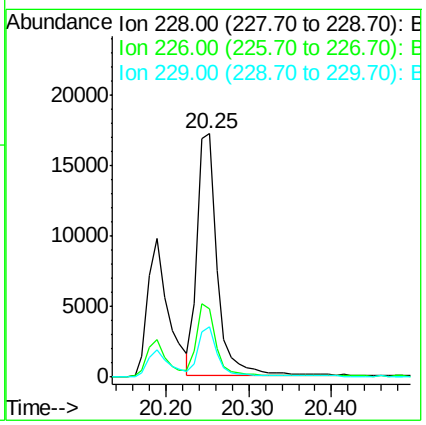


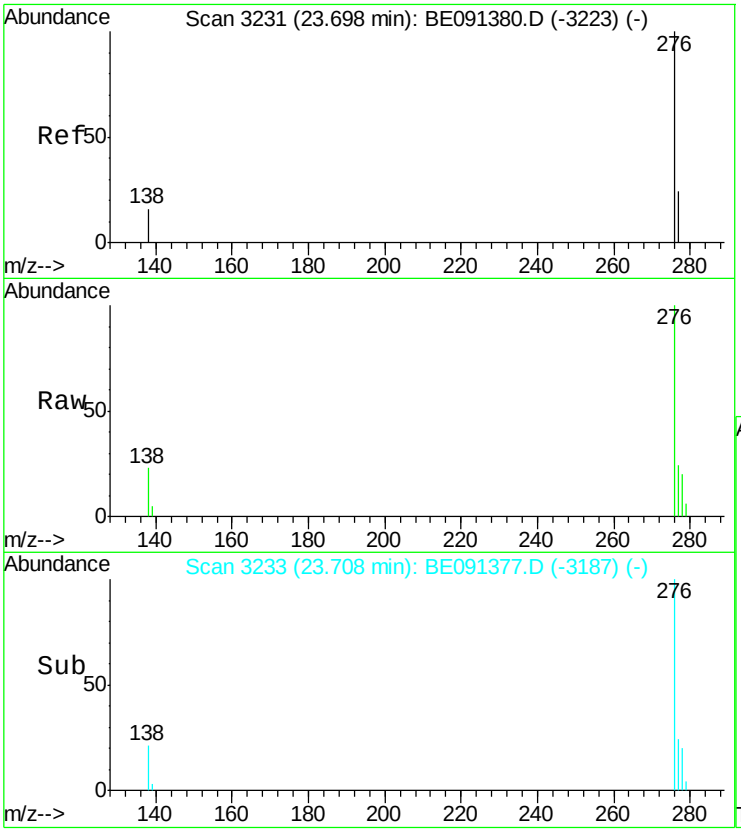


#22
Chrysene
Concen: 0.31 ng
RT: 20.25 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:228 Resp: 28906

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.7	35.5
229	20.5	16.0	24.0



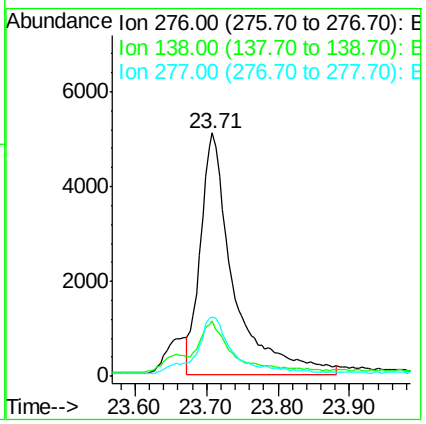


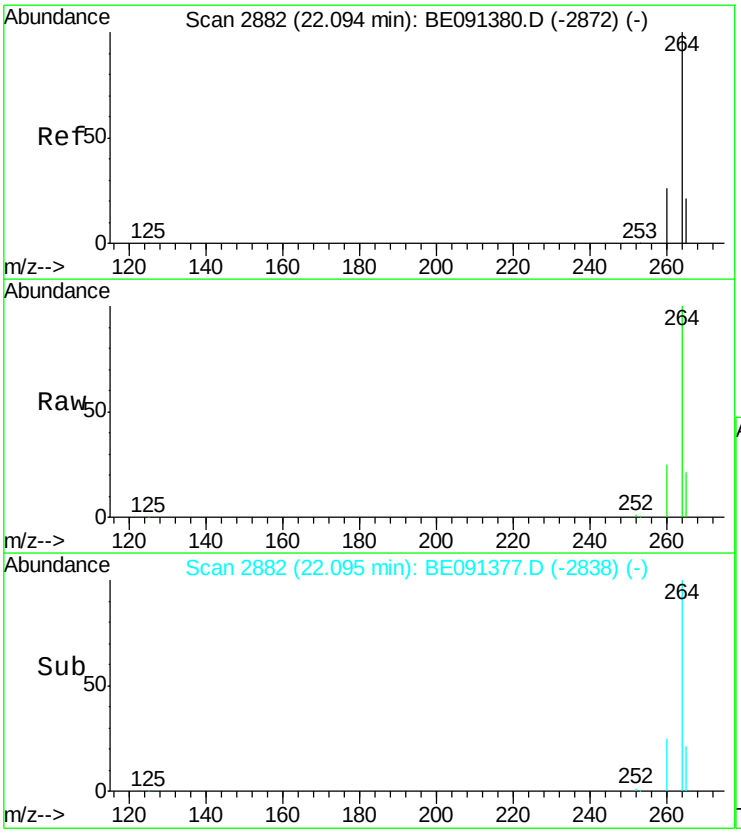
#23
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng m
RT: 23.71 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 16342

Ion	Ratio	Lower	Upper
276	100		
138	18.4	18.6	27.8#
277	26.9	16.5	24.7#

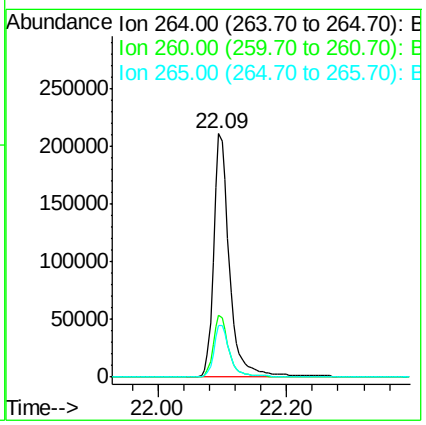


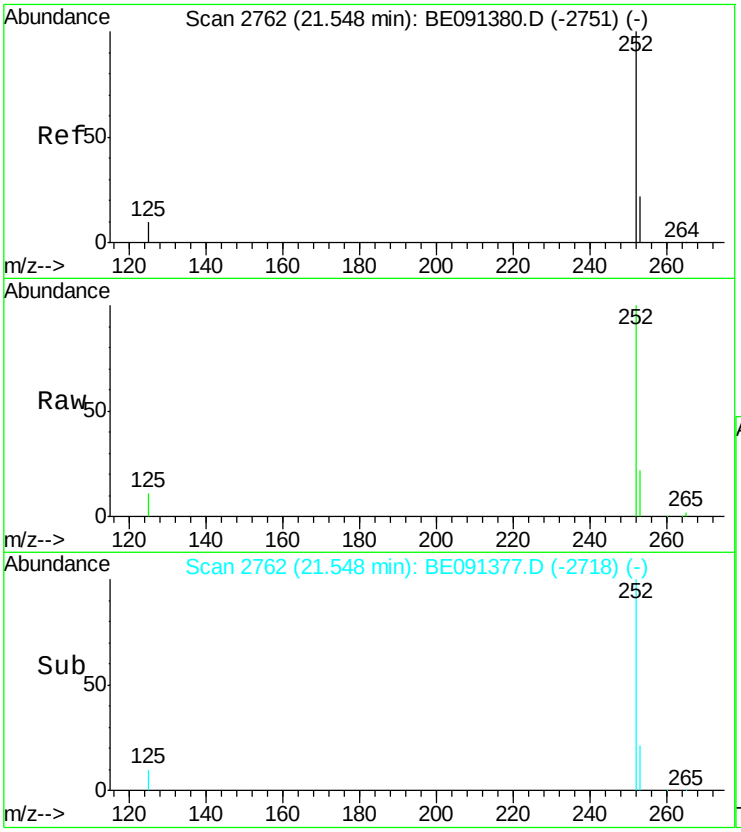


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.09 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:264 Resp: 361237

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	21.3	17.2	25.8



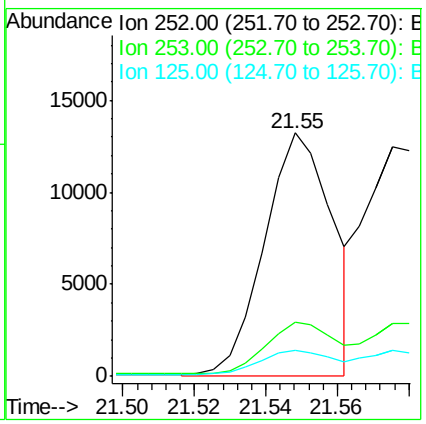


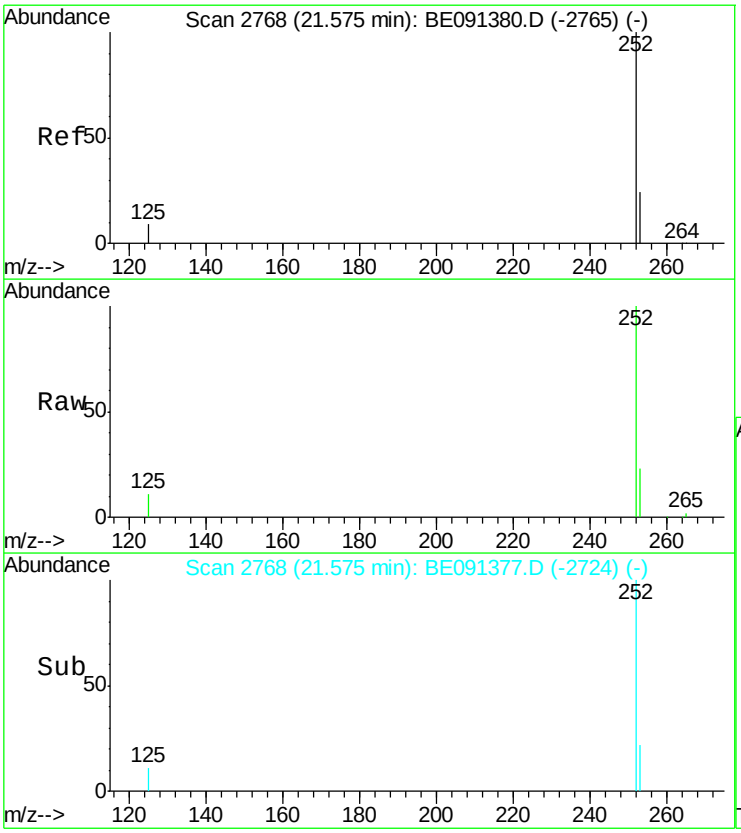
#25
Benzo(b)fluoranthene
Concen: 0.29 ng m
RT: 21.55 min Scan# 2762
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 17413

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.9	11.0	16.6#

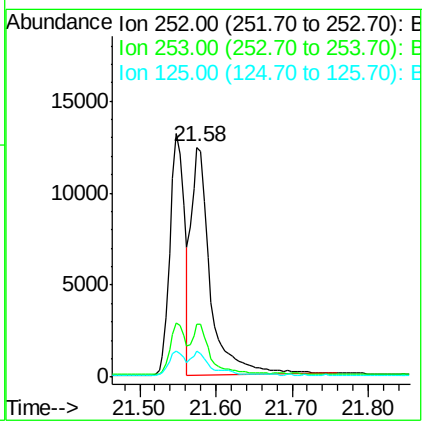


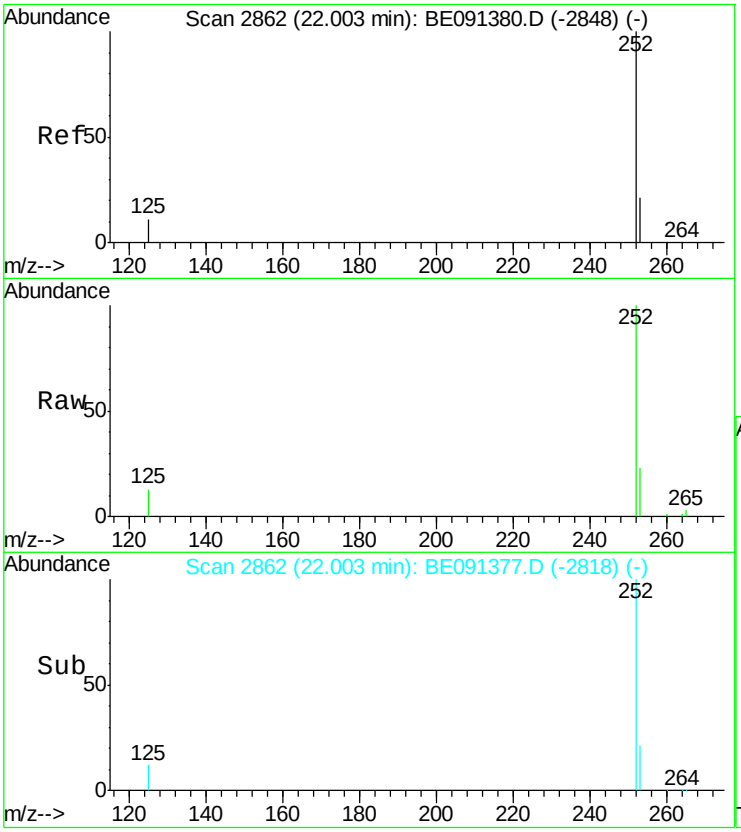


#26
Benzo(k)fluoranthene
Concen: 0.30 ng
RT: 21.58 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:252 Resp: 21356

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.2	11.3	16.9#



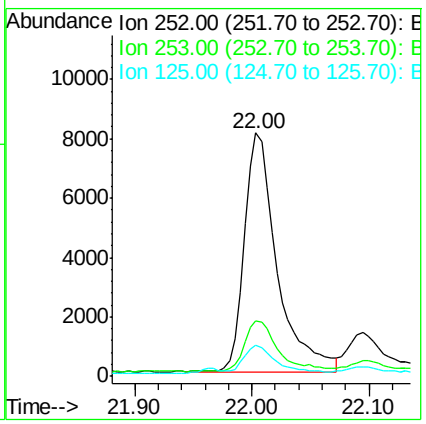


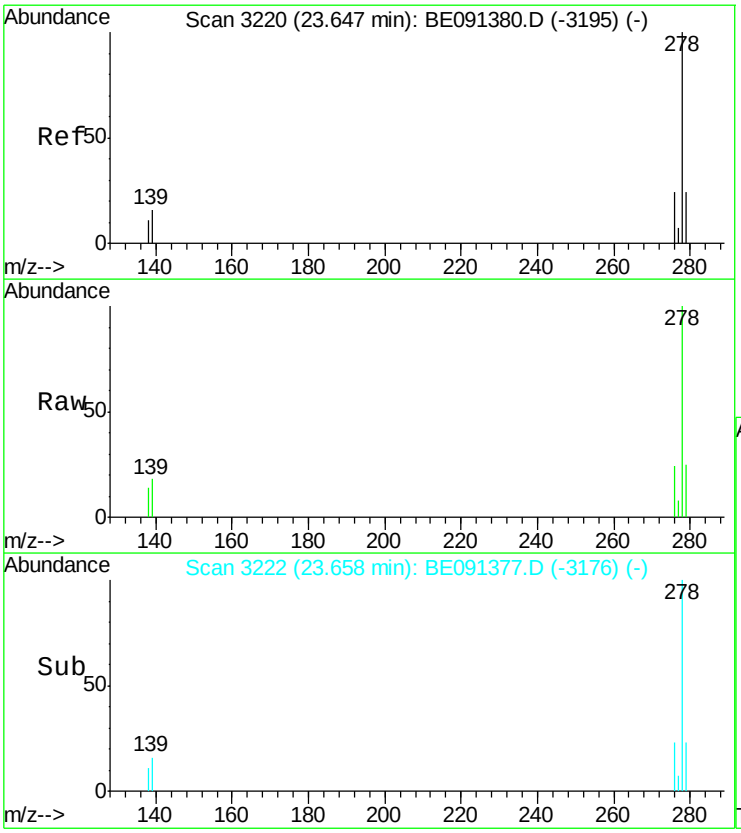
#27
Benzo(a)pyrene
Concen: 0.25 ng
RT: 22.00 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 15585

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.7	12.2	18.4

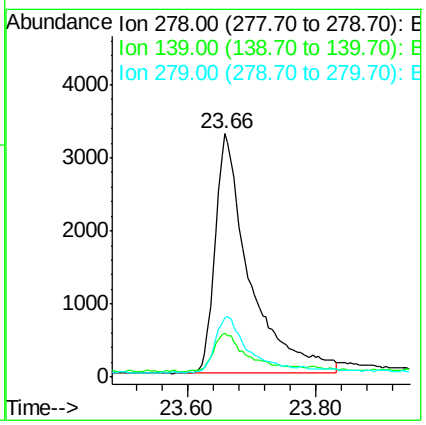


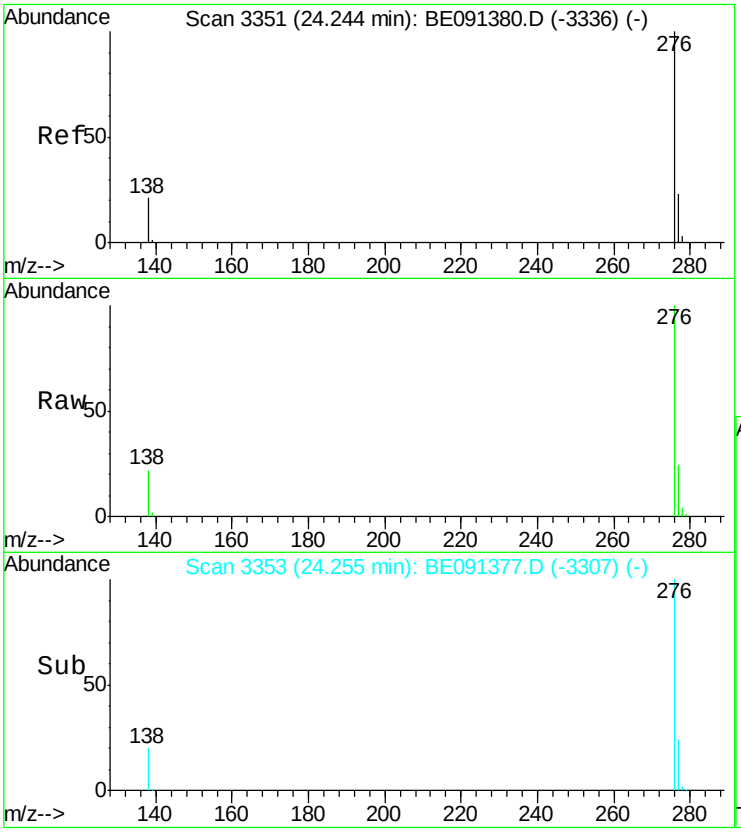


#28
Dibenzo(a,h)anthracene
Concen: 0.27 ng
RT: 23.66 min Scan# 3222
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Tgt Ion:278 Resp: 12284

Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.3	24.5
279	24.6	19.4	29.2





#29
Benzo(g,h,i)perylene
Concen: 0.30 ng
RT: 24.26 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BE091377.D
Acq: 2 Feb 2016 14:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 17750

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.6
138	22.0	23.3	34.9#