Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031616\
Data File : BE091454.D
Acq On : 16 Mar 2016 21:51
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 17 07:09:23 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIM-BE031616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 07:07:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	69070	5.00	ng		0.00
4) Naphthalene-d8	10.61	136	319609	5.00	ng		0.00
8) Acenaphthene-d10	14.46	164	198769	5.00	ng		0.01
13) Phenanthrene-d10	17.18	188	495206	5.00	ng		0.00
19) Chrysene-d12	21.34	240	646028	5.00	ng		0.00
25) Perylene-d12	23.81	264	596612	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.99	82	22439	1.51	ng		0.00
9) 2-Fluorobiphenyl	13.08	172	82582	1.71	ng		0.00
21) Terphenyl-d14	19.80	244	147388	1.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	12924	2.03	ng	#	100
3) n-Nitrosodimethylamine	3.66	42	21126	2.87	ng	#	100
6) Naphthalene	10.67	128	124677	1.69	ng		99
7) 2-Methylnaphthalene	12.27	142	83700	1.91	ng		96
10) Acenaphthylene	14.16	152	136675	0.46	ng	#	100
11) Acenaphthene	14.51	154	97315	1.63	ng	#	100
12) Fluorene	15.49	166	127608	1.65	ng	#	100
14) Hexachlorobenzene	16.50	284	33979	1.21	ng	#	100
15) Pentachlorophenol	16.83	266	14161	2.29	ng	#	80
16) Phenanthrene	17.23	178	225557	1.33	ng	#	100
17) Anthracene	17.32	178	204031	0.84	ng	#	100
18) Fluoranthene	19.22	202	258250	1.05	ng	#	67
20) Pyrene	19.59	202	289701	1.59	ng	#	93
22) Benzo(a)anthracene	21.31	228	338620	1.52	ng		97
23) Chrysene	21.31	228	338567	1.46	ng	#	87
24) Indeno(1,2,3-cd)pyrene	26.40	276	321937	1.63	ng	#	100
26) Benzo(b)fluoranthene	23.04	252	324621	1.86	ng		93
27) Benzo(k)fluoranthene	23.04	252	324621	2.02	ng		94
28) Benzo(a)pyrene	23.69	252	275345	1.87	ng	#	92
29) Dibenzo(a,h)anthracene	26.43	278	268662	1.90	ng		97
30) Benzo(g,h,i)perylene	27.20	276	278175	1.84	ng		98

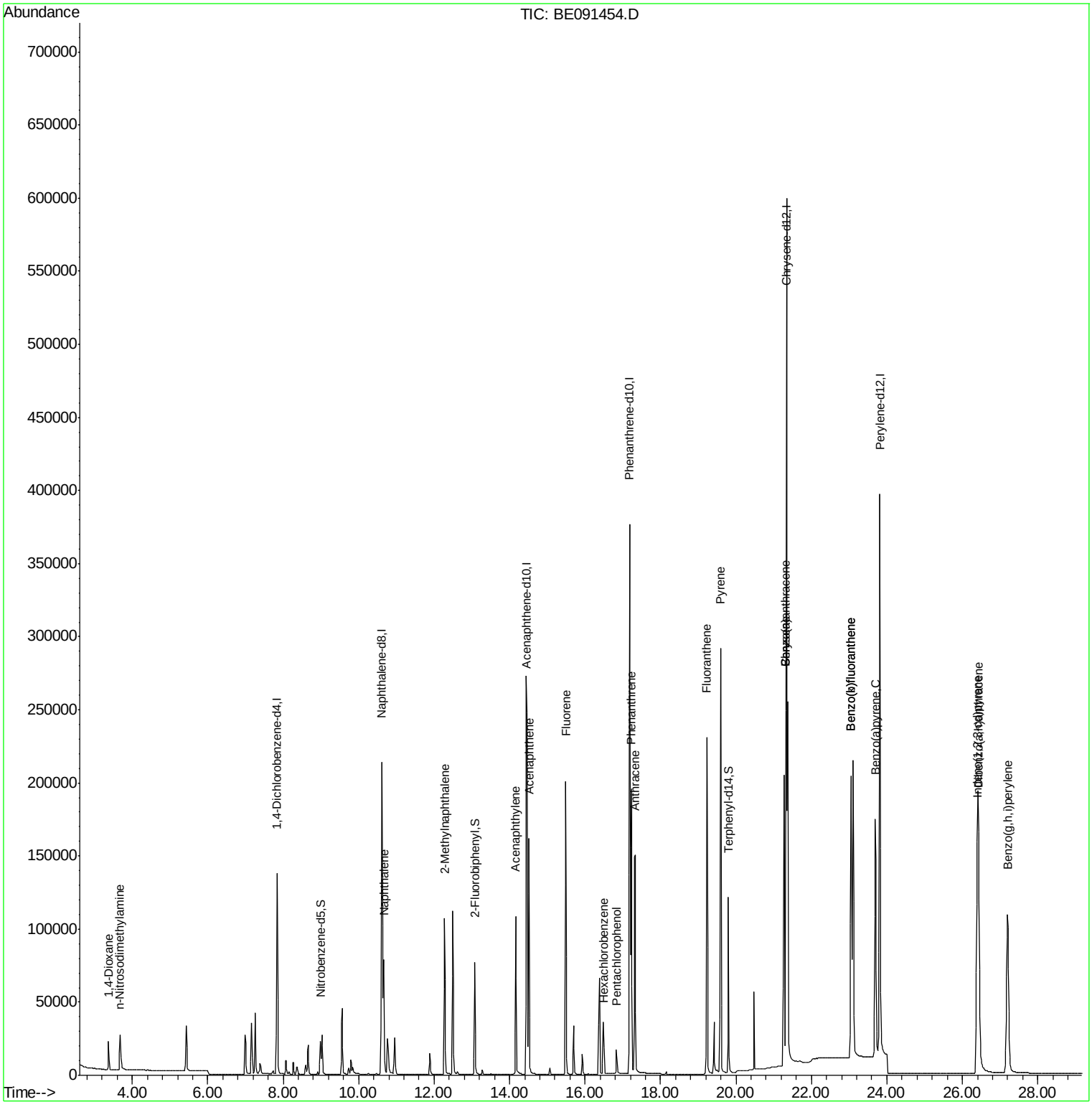
(#) = qualifier out of range (m) = manual integration (+) = signals summed

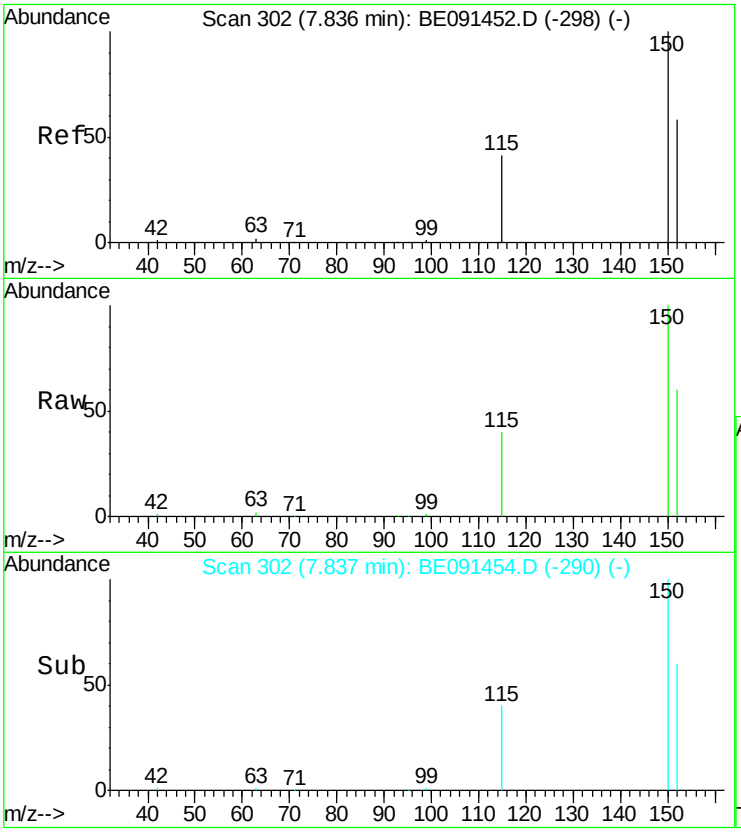
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031616\
Data File : BE091454.D
Acq On : 16 Mar 2016 21:51
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 17 07:09:23 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIM-BE031616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 07:07:36 2016
Response via : Initial Calibration



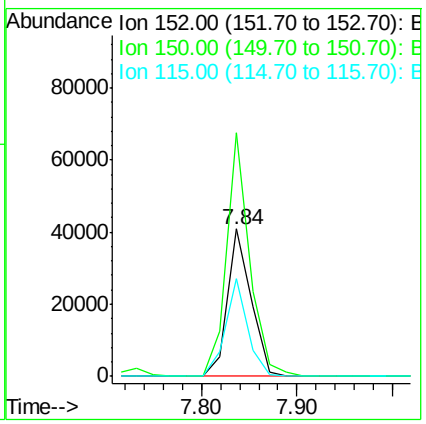


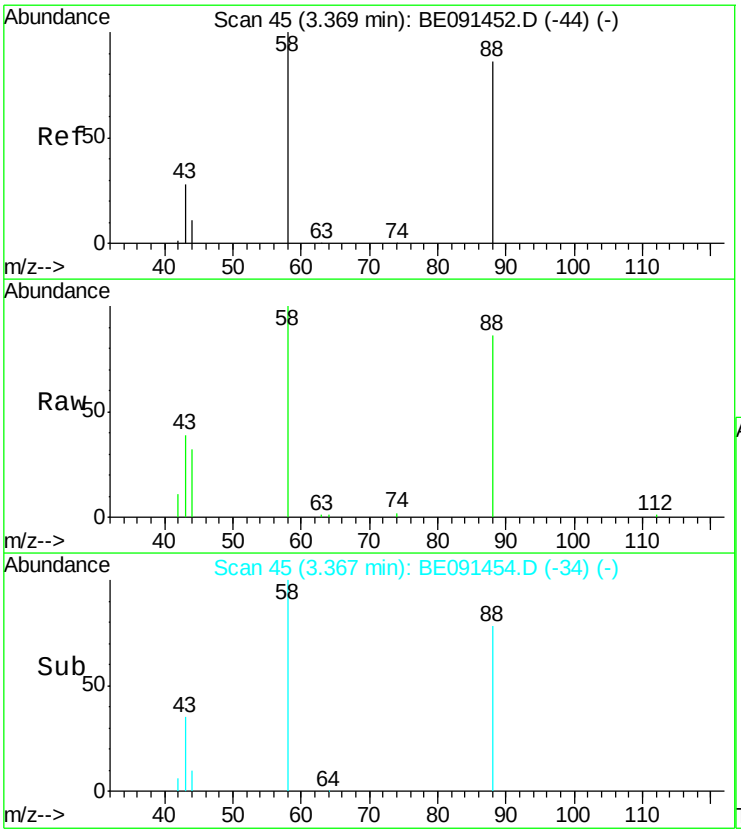
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 302
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 69070

Ion	Ratio	Lower	Upper
152	100		
150	165.4	136.8	205.2
115	66.1	56.9	85.3

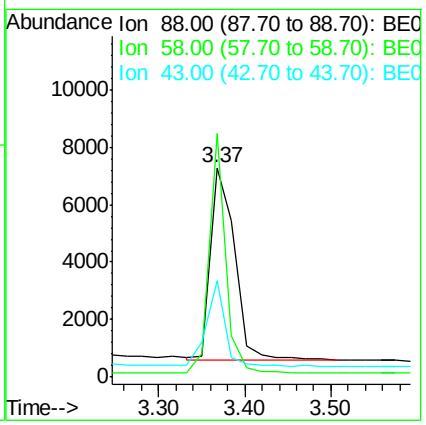


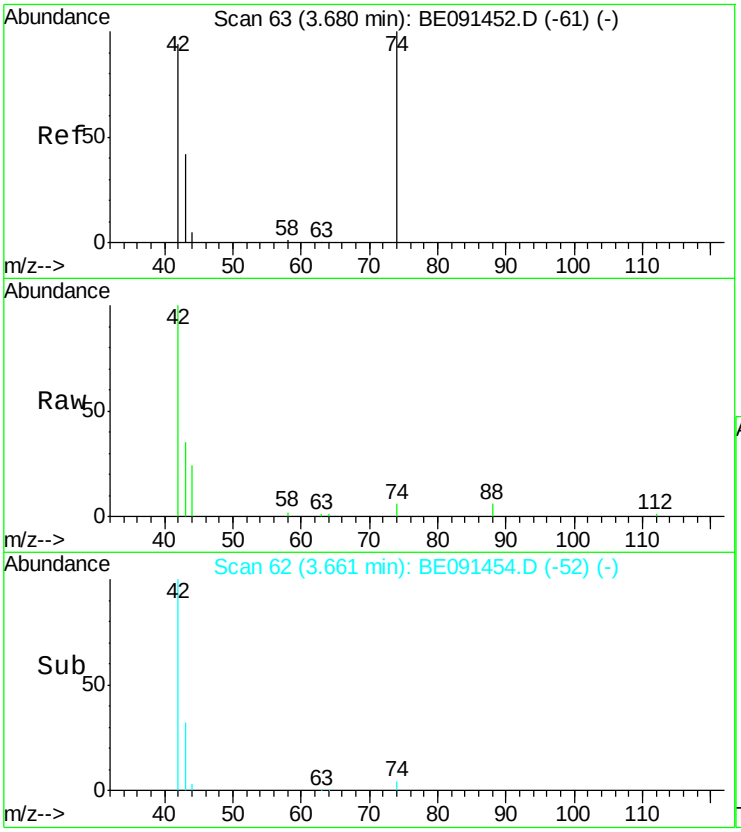


#2
1,4-Dioxane
Concen: 2.03 ng
RT: 3.37 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion: 88 Resp: 12924

Ion	Ratio	Lower	Upper
88	100		
58	84.9	0.0	0.0#
43	35.0	0.0	0.0#



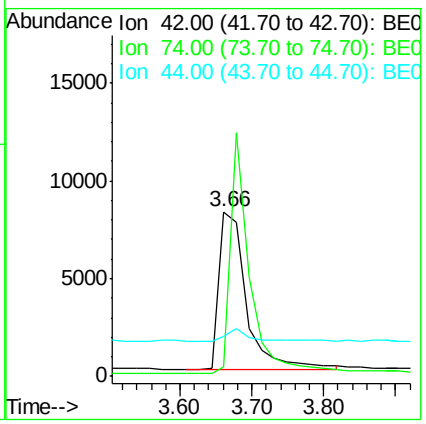


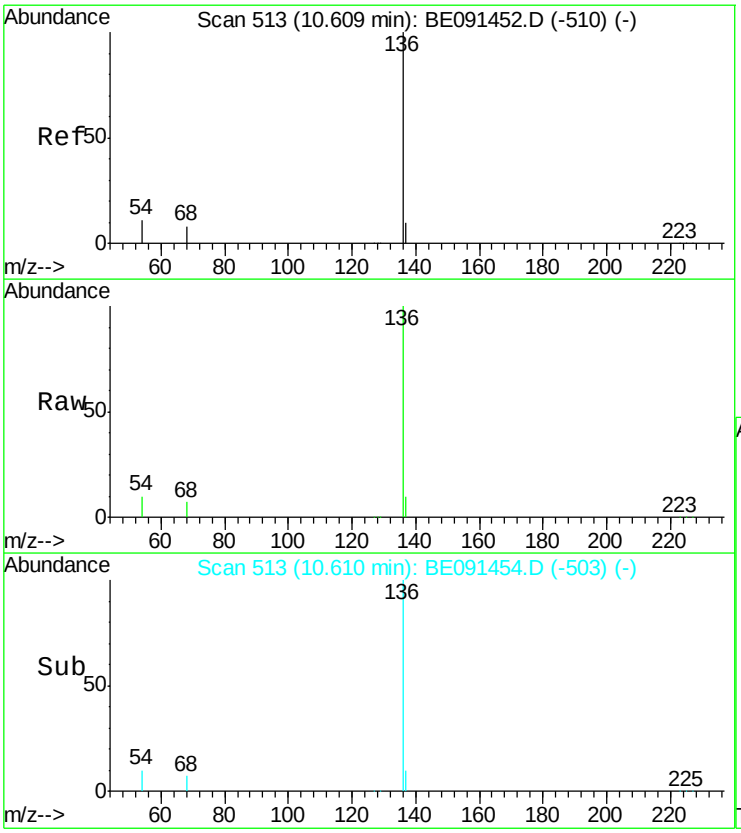
#3
n-Nitrosodimethylamine
Concen: 2.87 ng
RT: 3.66 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 21126

Ion	Ratio	Lower	Upper
42	100		
74	105.7	0.0	0.0#
44	7.8	0.0	0.0#

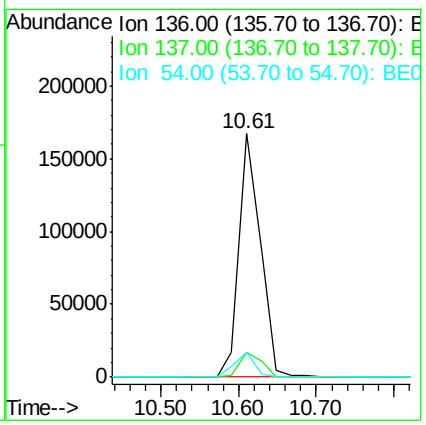


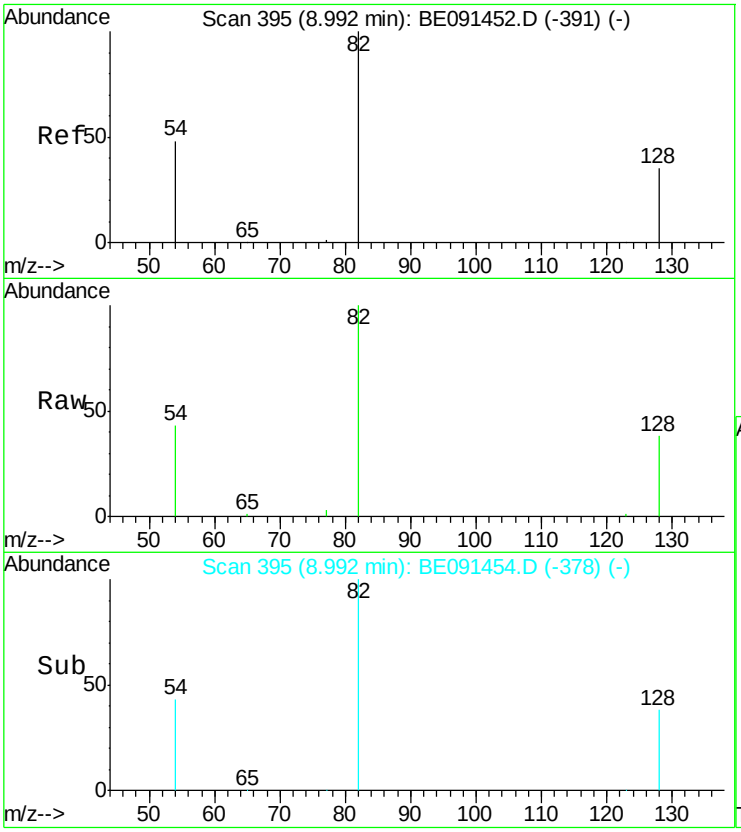


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:136 Resp: 319609

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.0	12.0
54	10.0	9.1	13.7



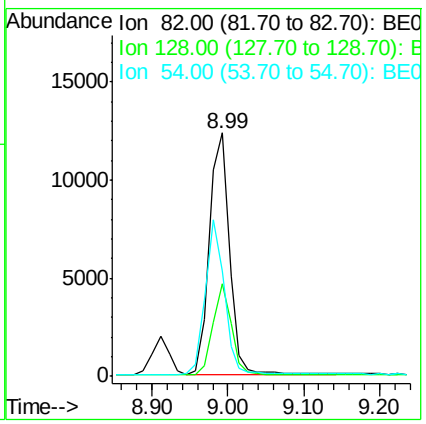


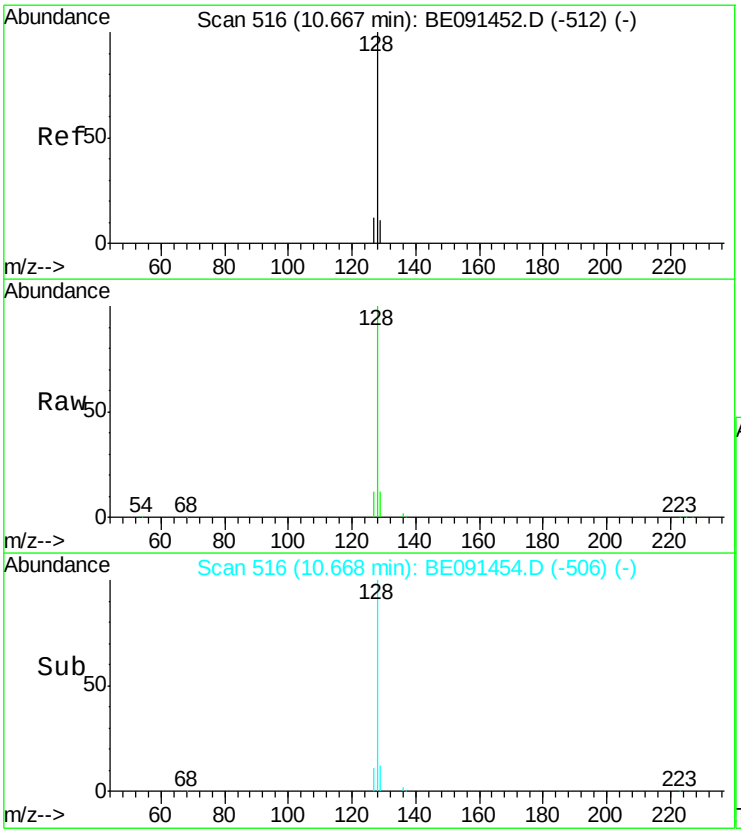
#5
Nitrobenzene-d5
Concen: 1.51 ng
RT: 8.99 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 22439

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	43.4	39.8	59.8

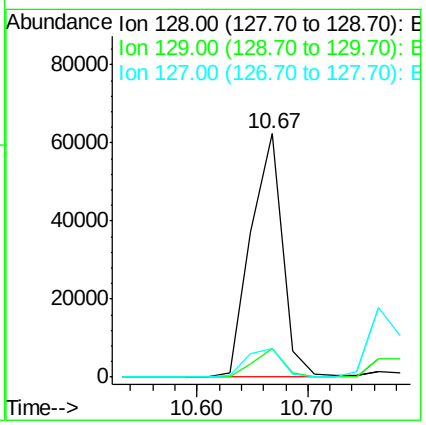


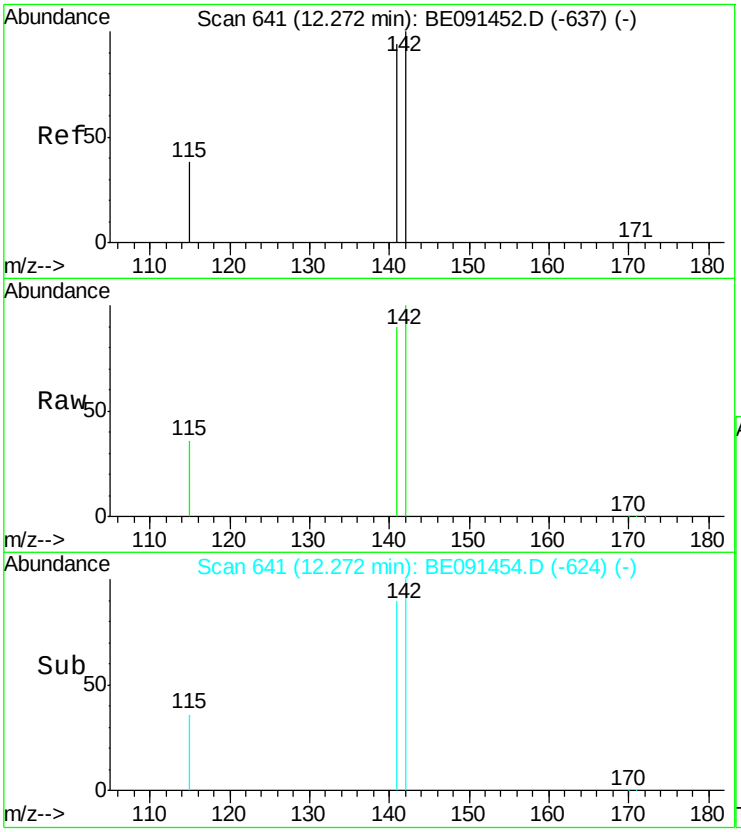


#6
Naphthalene
Concen: 1.69 ng
RT: 10.67 min Scan# 516
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:128 Resp: 124677

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	11.5	9.7	14.5



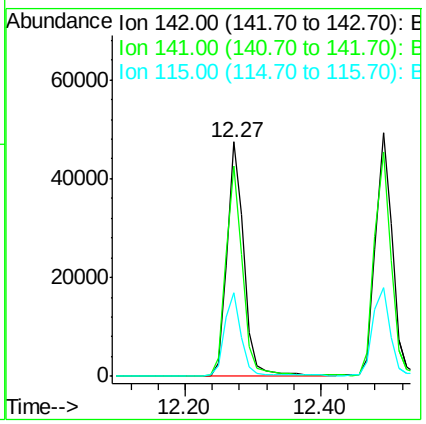


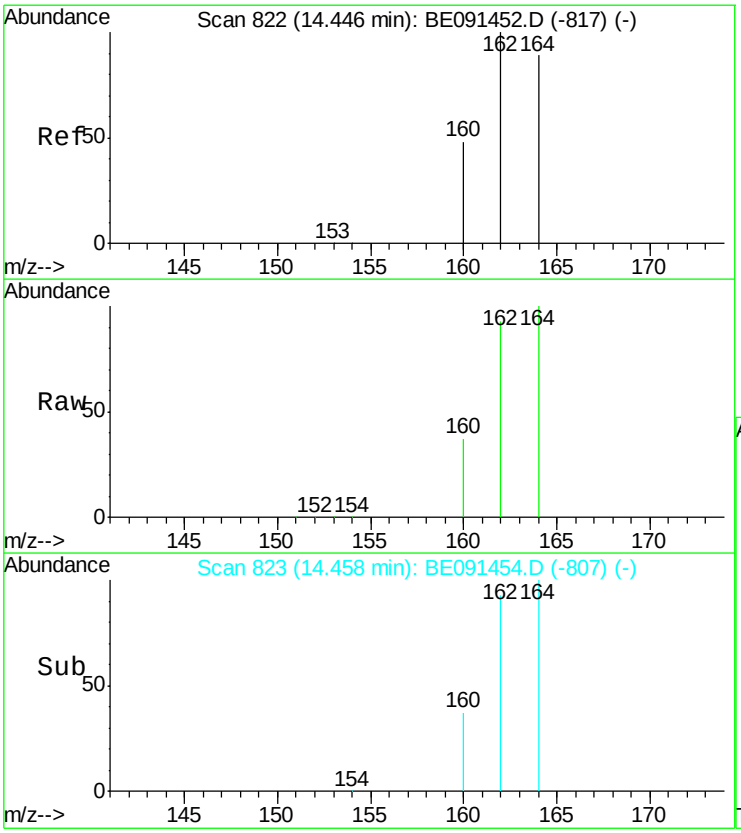
#7
2-Methylnaphthalene
Concen: 1.91 ng
RT: 12.27 min Scan# 641
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 83700

Ion	Ratio	Lower	Upper
142	100		
141	89.8	75.0	112.4
115	35.9	30.8	46.2

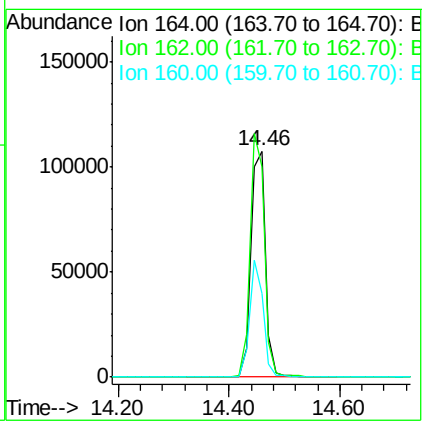


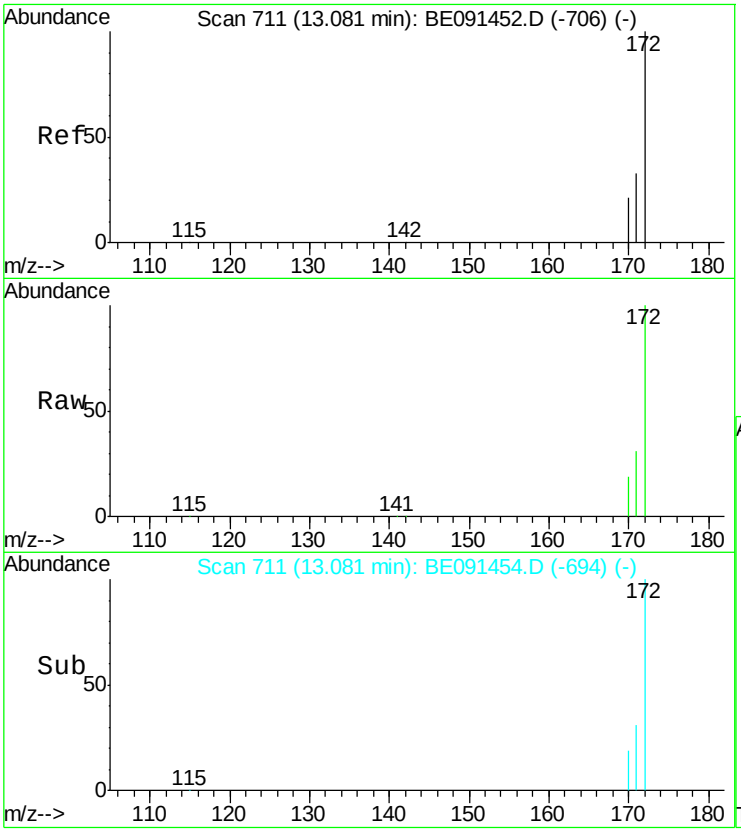


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.46 min Scan# 823
Delta R.T. 0.01 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:164 Resp: 198769

Ion	Ratio	Lower	Upper
164	100		
162	93.1	89.8	134.8
160	36.8	43.1	64.7#



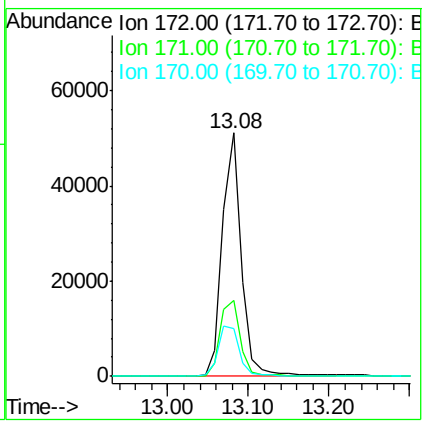


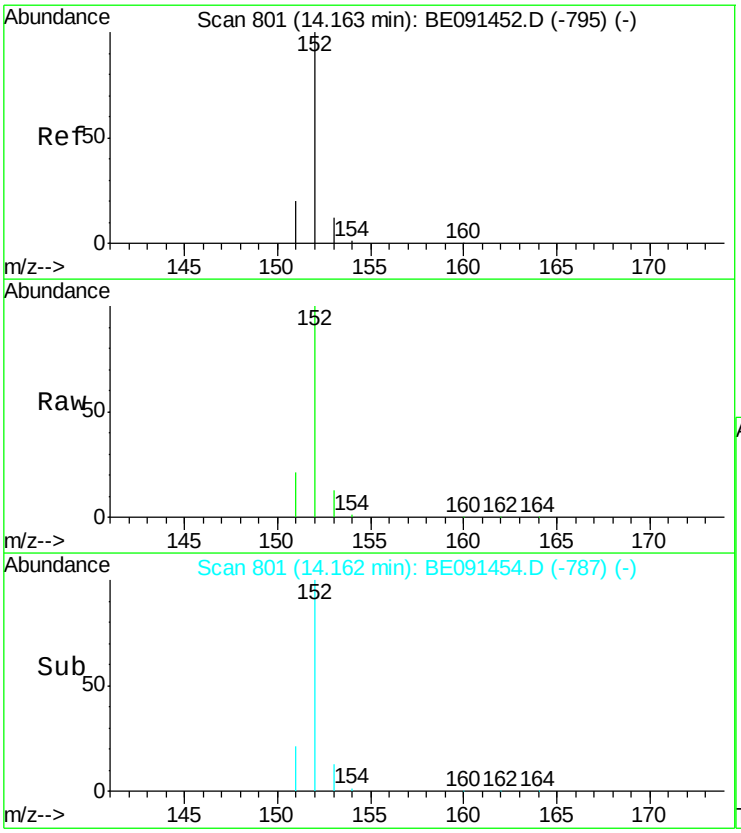
#9
2-Fluorobiphenyl
Concen: 1.71 ng
RT: 13.08 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 82582

Ion	Ratio	Lower	Upper
172	100		
171	31.2	26.7	40.1
170	19.5	17.4	26.2

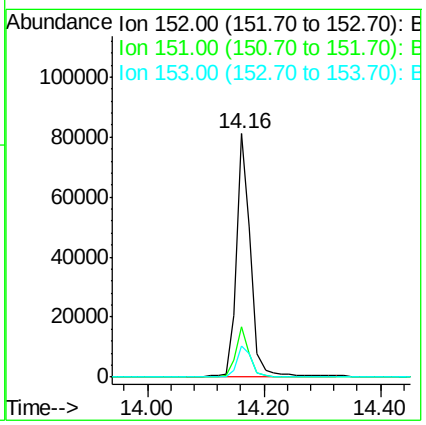


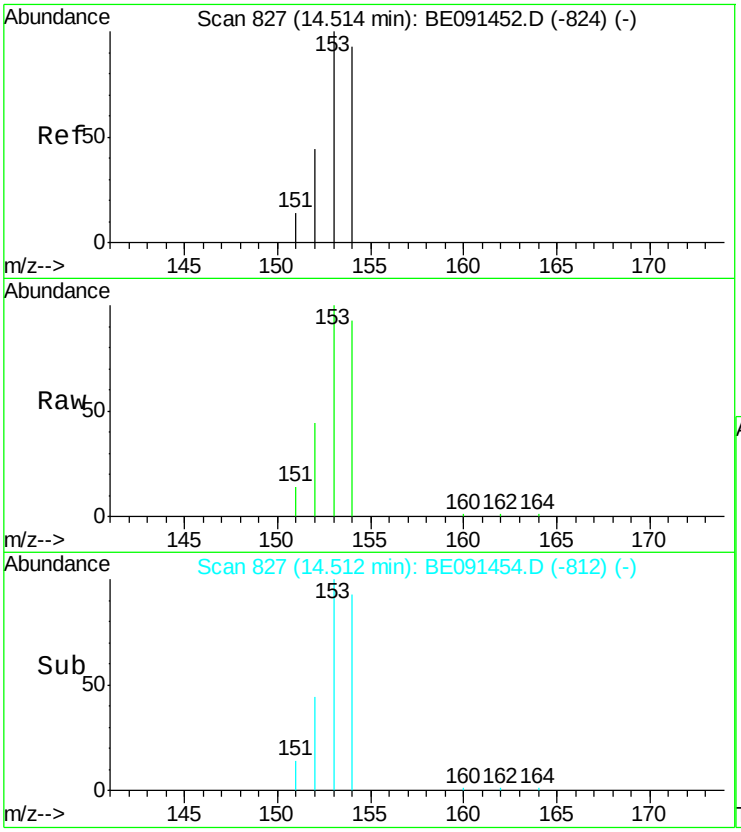


#10
Acenaphthylene
Concen: 0.46 ng
RT: 14.16 min Scan# 801
Delta R.T. -0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:152 Resp: 136675

Ion	Ratio	Lower	Upper
152	100		
151	19.5	0.0	0.0#
153	13.2	0.0	0.0#



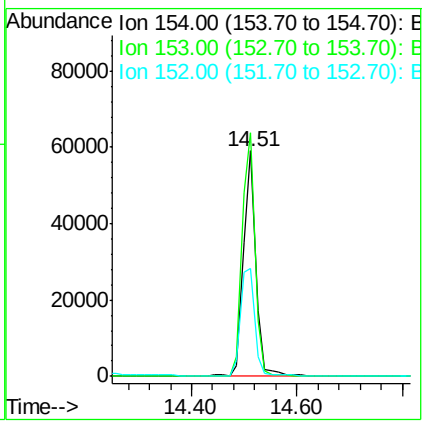


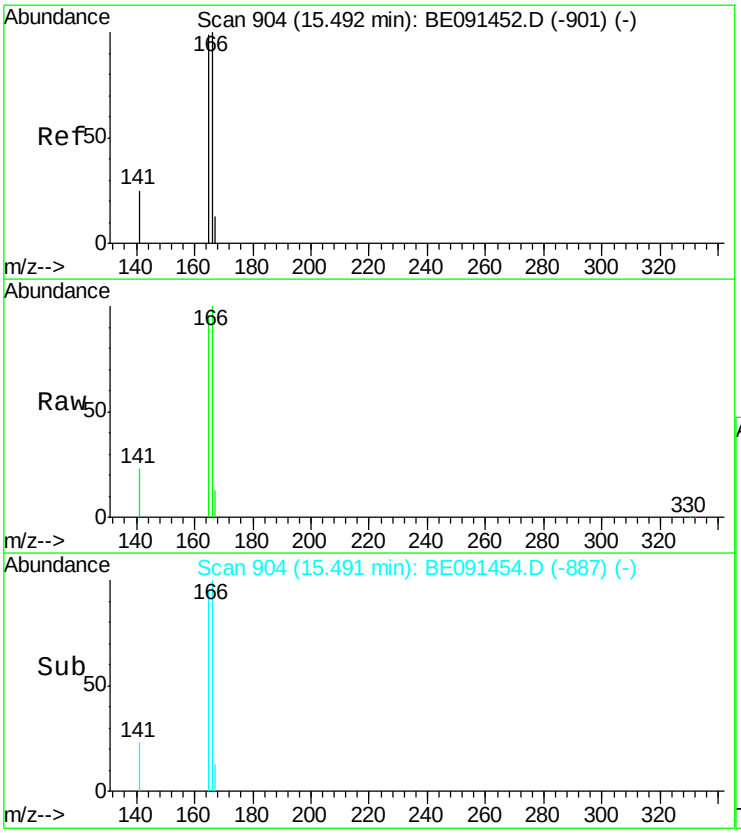
#11
Acenaphthene
Concen: 1.63 ng
RT: 14.51 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 97315

Ion	Ratio	Lower	Upper
154	100		
153	111.5	0.0	0.0#
152	54.6	0.0	0.0#

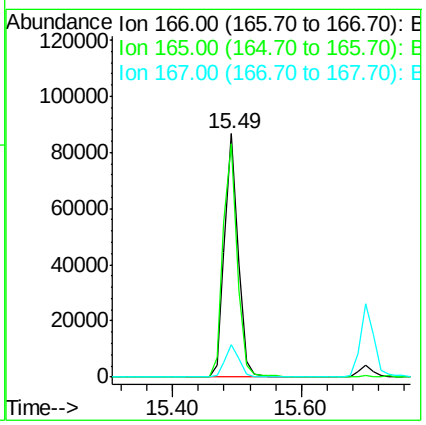


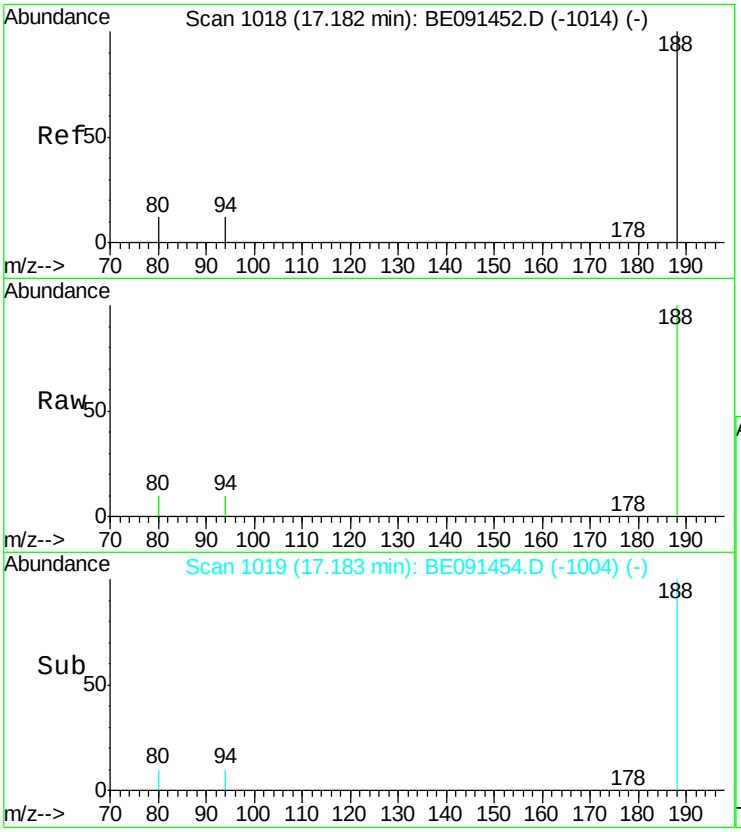


#12
Fluorene
Concen: 1.65 ng
RT: 15.49 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:166 Resp: 127608

Ion	Ratio	Lower	Upper
166	100		
165	98.9	0.0	0.0#
167	13.5	0.0	0.0#



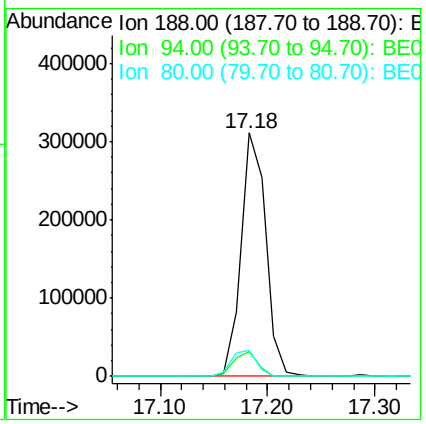


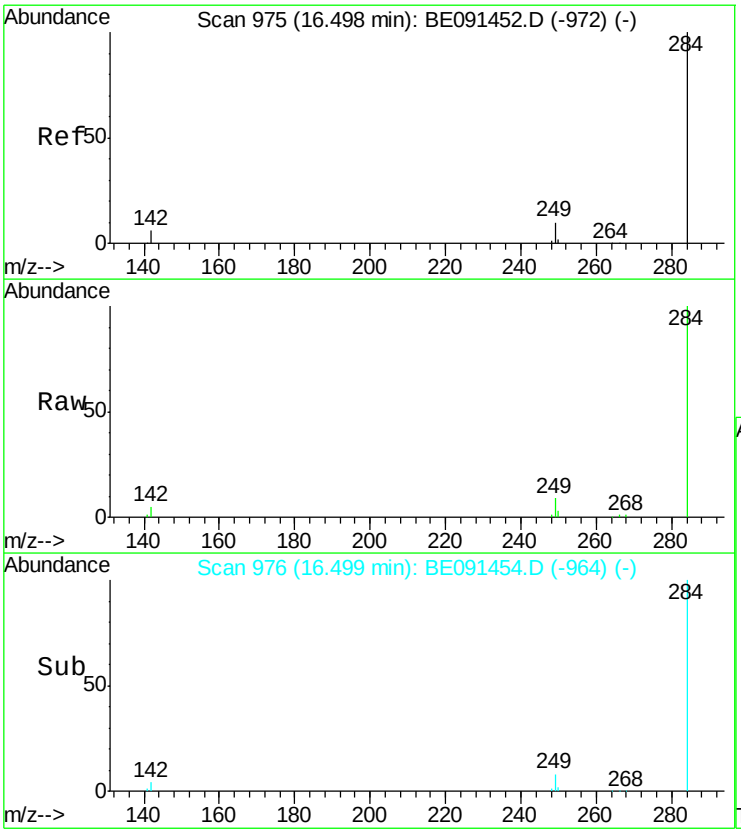
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.18 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 495206

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.5	14.3
80	10.4	9.8	14.8

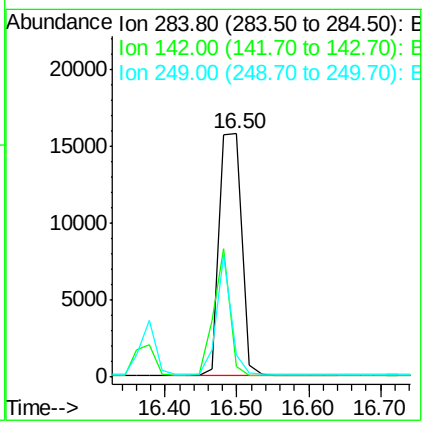


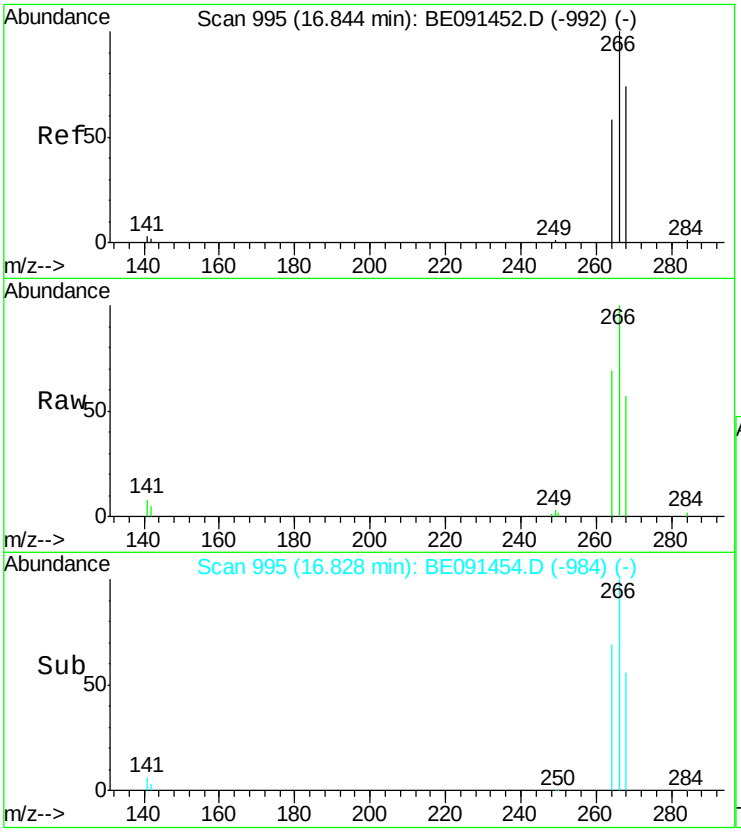


#14
Hexachlorobenzene
Concen: 1.21 ng
RT: 16.50 min Scan# 976
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:284 Resp: 33979

Ion	Ratio	Lower	Upper
284	100		
142	38.4	0.0	0.0#
249	32.4	0.0	0.0#



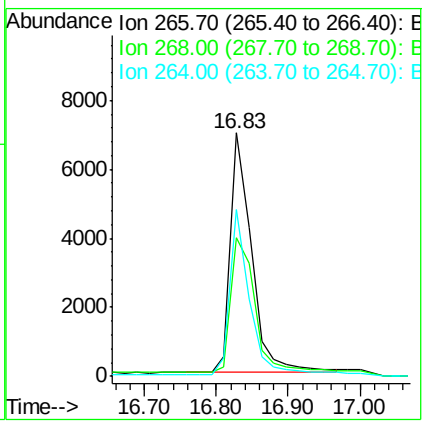


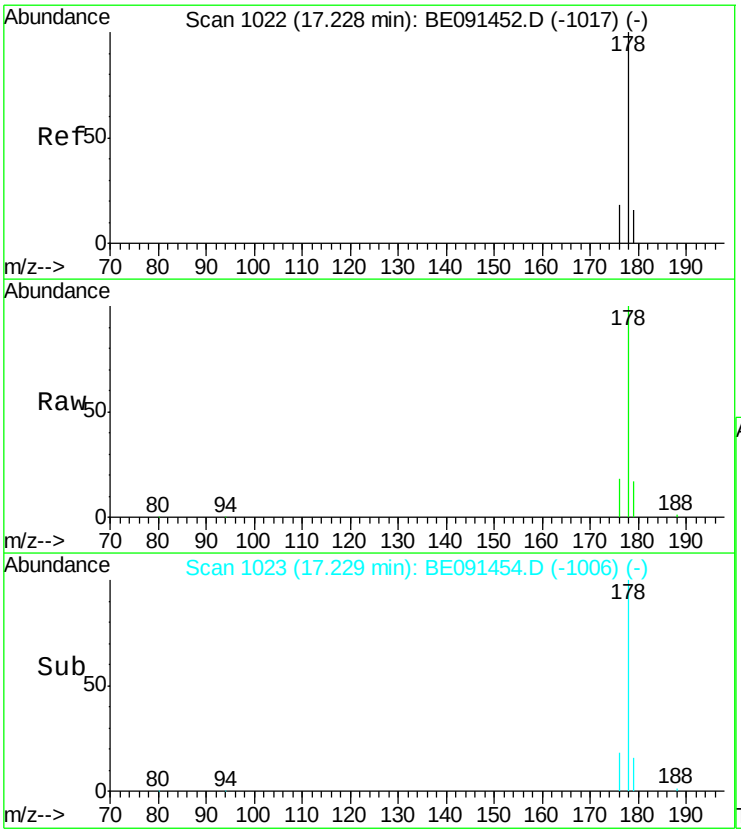
#15
Pentachlorophenol
Concen: 2.29 ng
RT: 16.83 min Scan# 995
Delta R.T. -0.02 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 14161

Ion	Ratio	Lower	Upper
266	100		
268	56.9	61.0	91.6#
264	68.7	45.7	68.5#

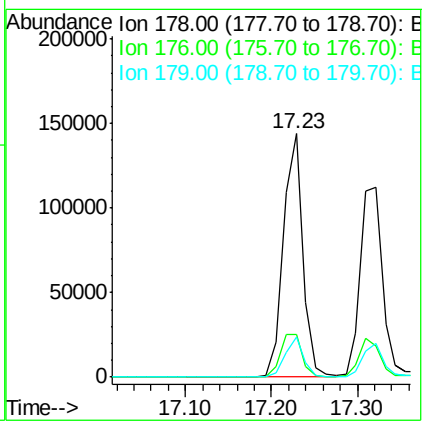


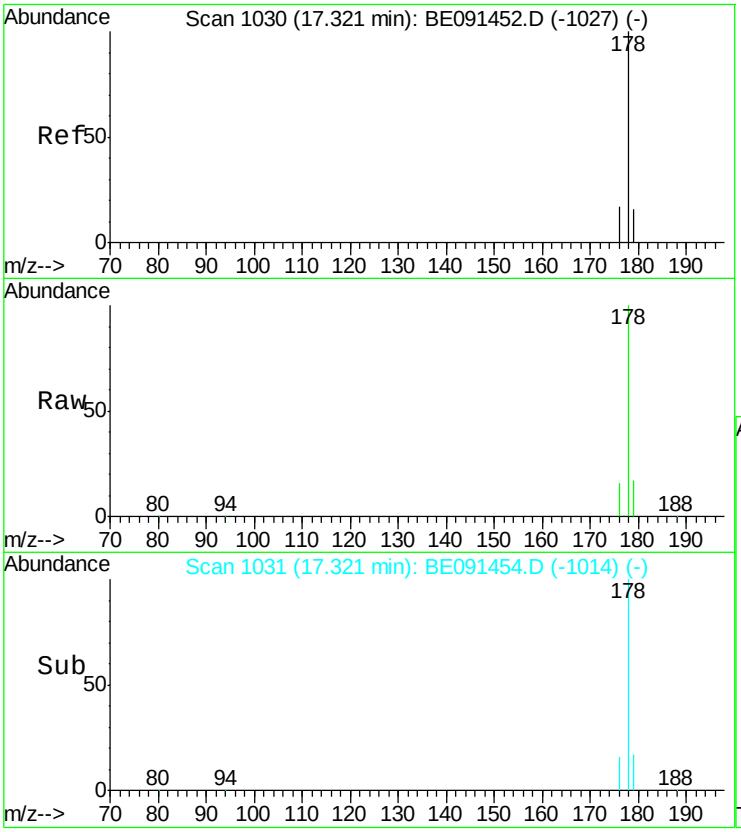


#16
Phenanthrene
Concen: 1.33 ng
RT: 17.23 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:178 Resp: 225557

Ion	Ratio	Lower	Upper
178	100		
176	19.5	0.0	0.0#
179	15.7	0.0	0.0#



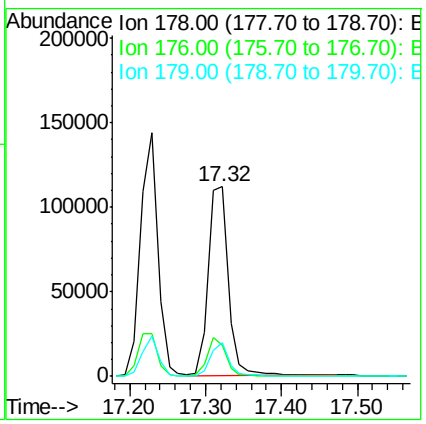


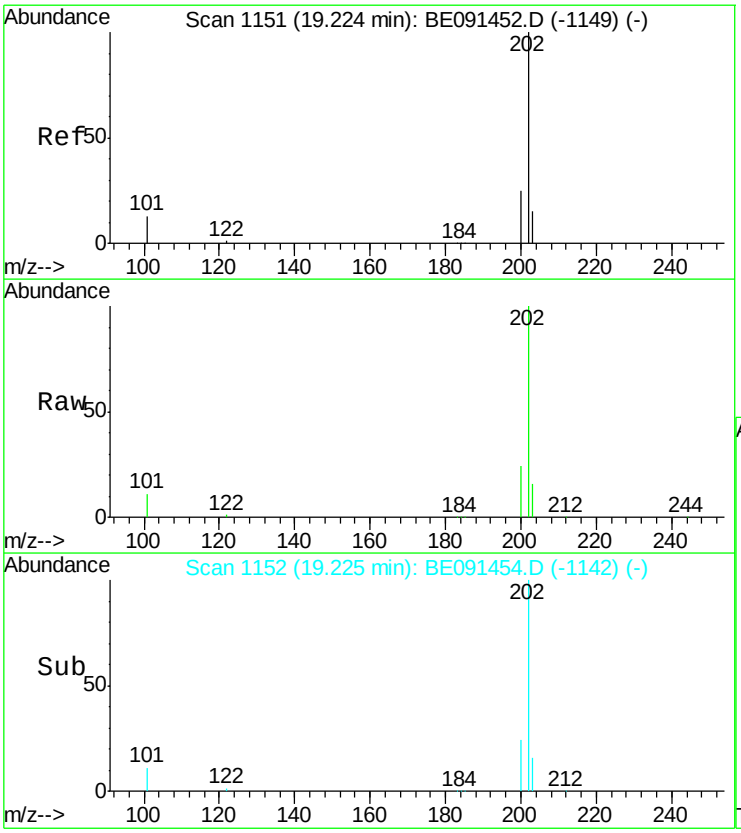
#17
Anthracene
Concen: 0.84 ng
RT: 17.32 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 204031

Ion	Ratio	Lower	Upper
178	100		
176	18.5	0.0	0.0#
179	15.6	0.0	0.0#

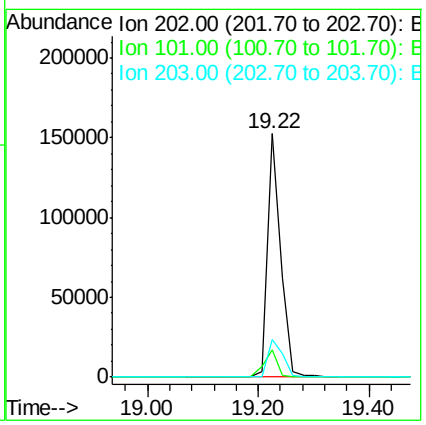


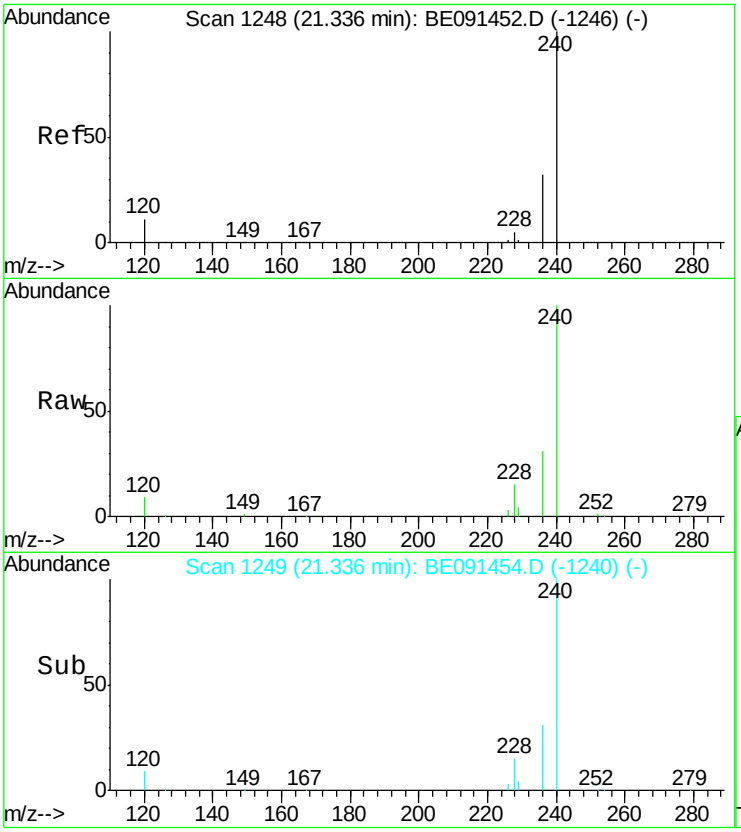


#18
Fluoranthene
Concen: 1.05 ng
RT: 19.22 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:202 Resp: 258250

Ion	Ratio	Lower	Upper
202	100		
101	10.9	1.1	1.7#
203	17.7	1.0	1.6#



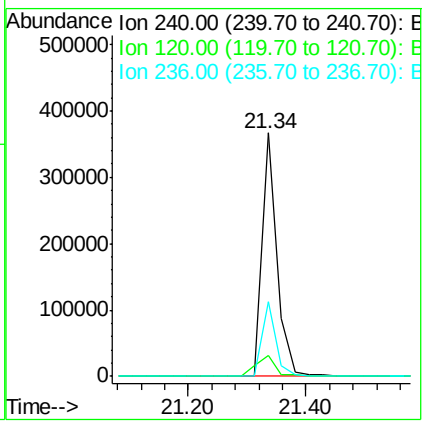


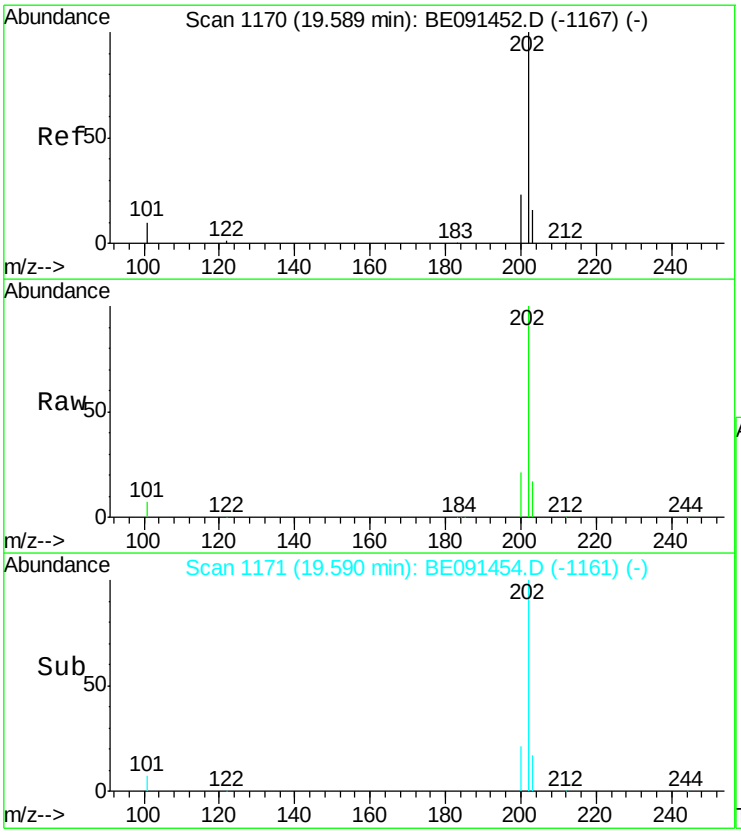
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 646028

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.8	13.2
236	30.9	25.7	38.5

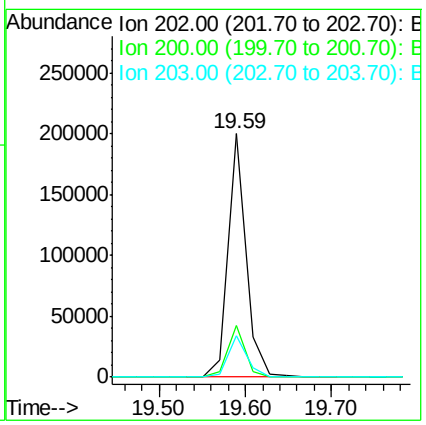


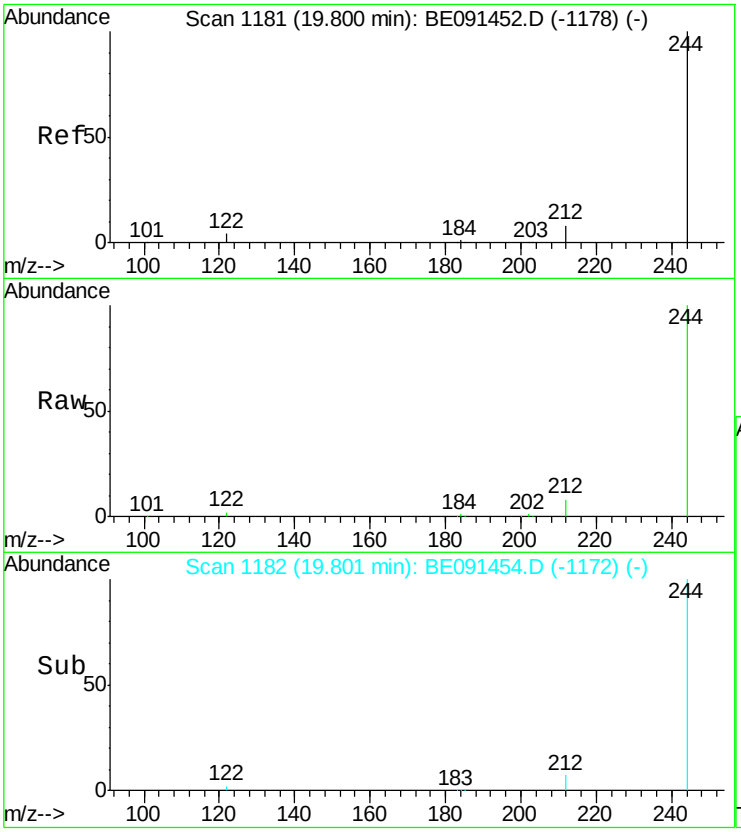


#20
Pyrene
Concen: 1.59 ng
RT: 19.59 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:202 Resp: 289701

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	0.0#
203	17.6	0.1	0.1#



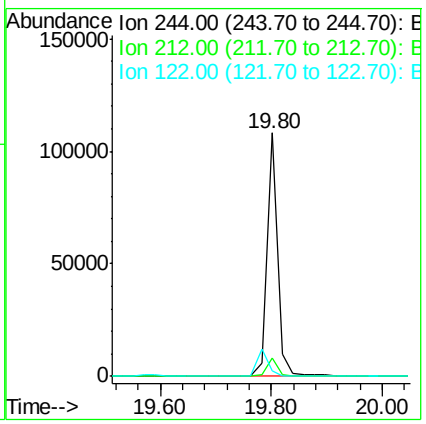


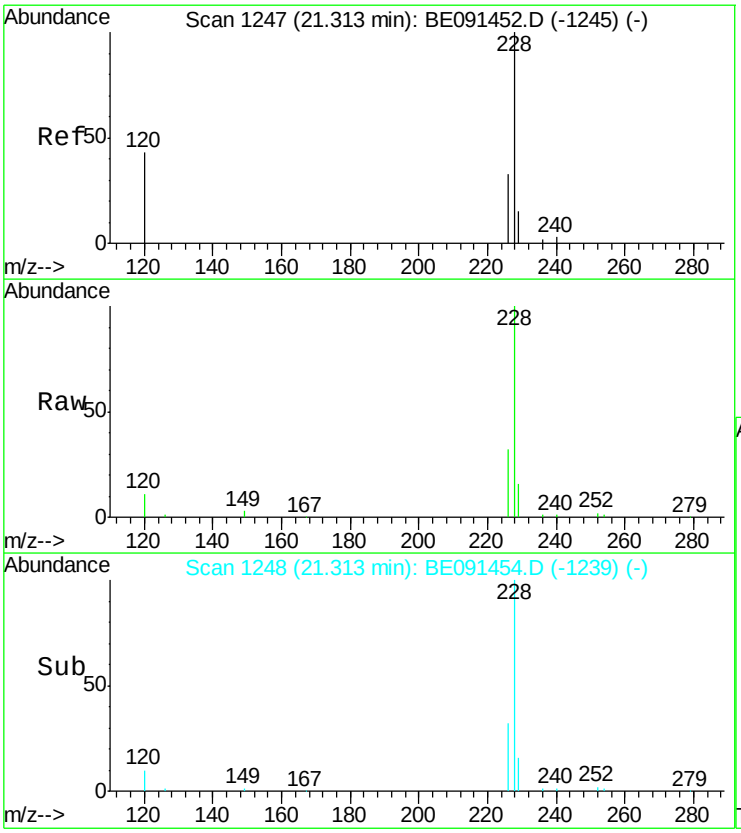
#21
Terphenyl-d14
Concen: 1.51 ng
RT: 19.80 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 147388

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	2.4	3.4	5.0#

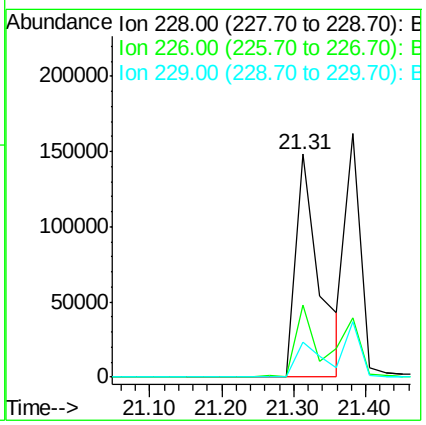


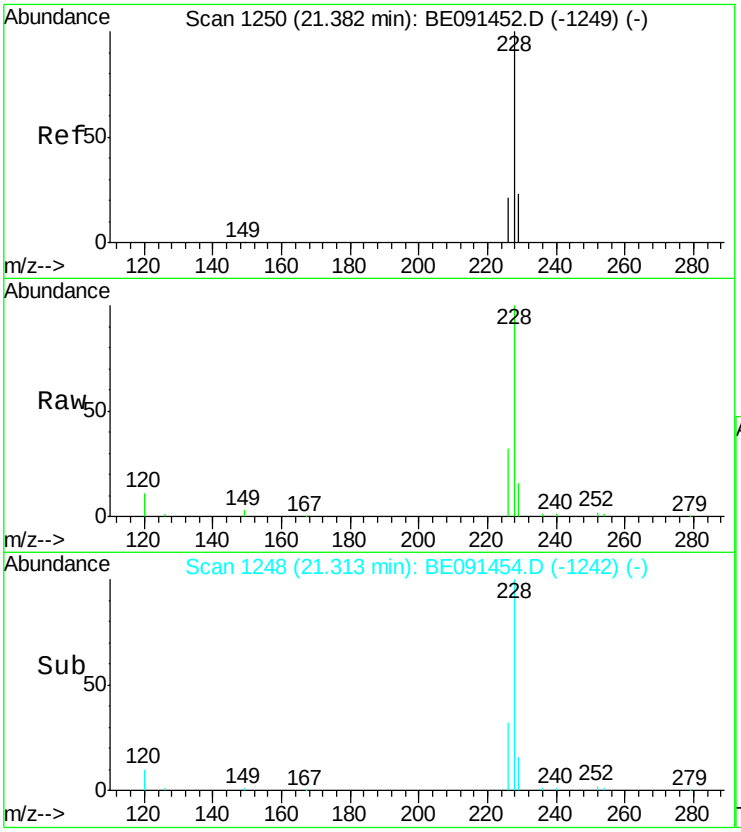


#22
Benzo(a)anthracene
Concen: 1.52 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:228 Resp: 338620

Ion	Ratio	Lower	Upper
228	100		
226	32.2	27.1	40.7
229	16.0	12.3	18.5



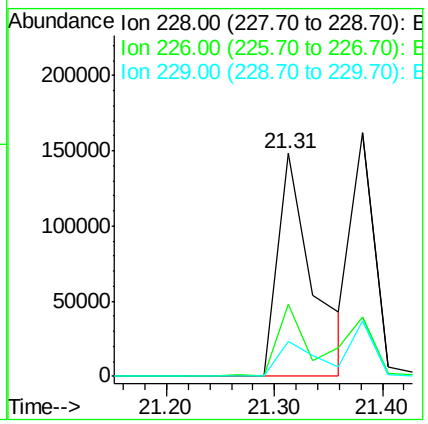


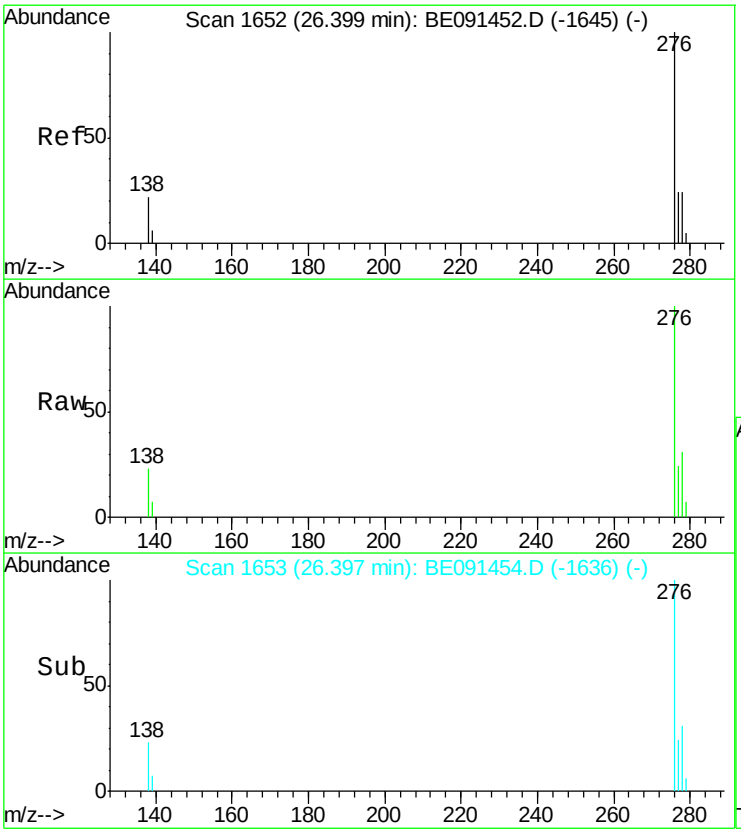
#23
Chrysene
Concen: 1.46 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.07 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 338567

Ion	Ratio	Lower	Upper
228	100		
226	32.2	20.3	30.5#
229	16.0	17.4	26.0#

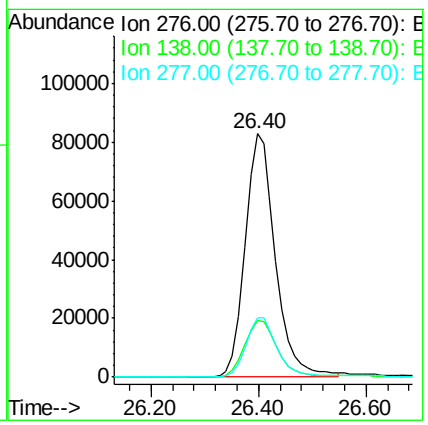


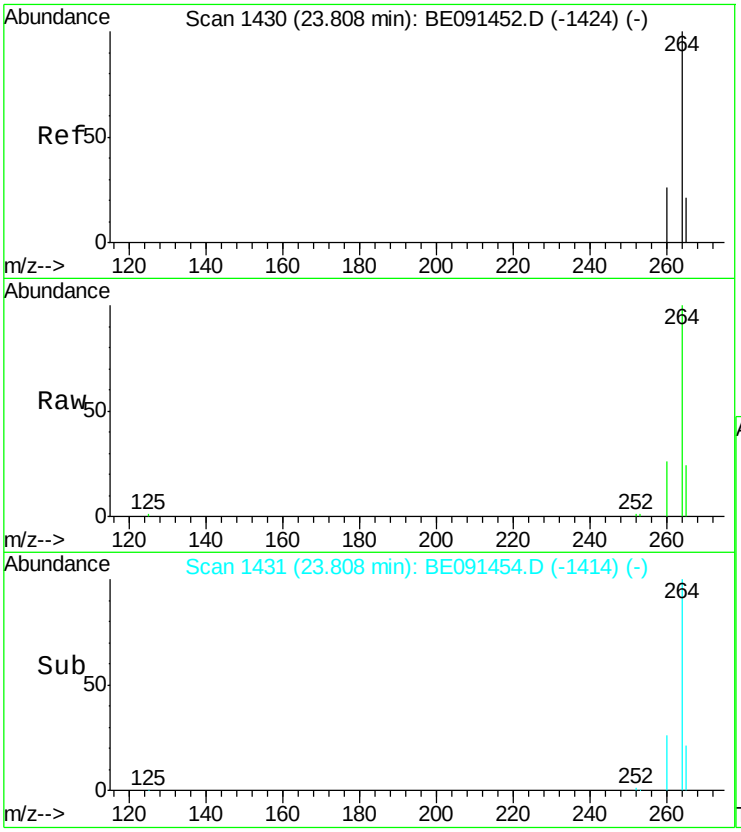


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.63 ng
RT: 26.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:276 Resp: 321937

Ion	Ratio	Lower	Upper
276	100		
138	25.0	0.0	0.0#
277	24.8	0.0	0.0#



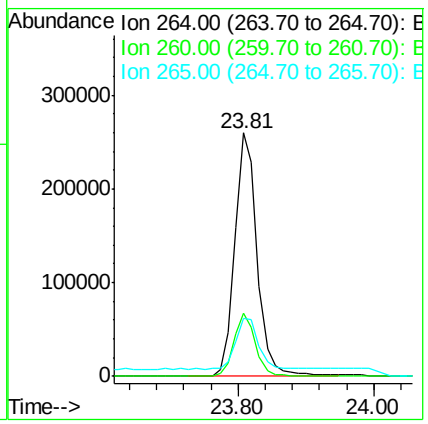


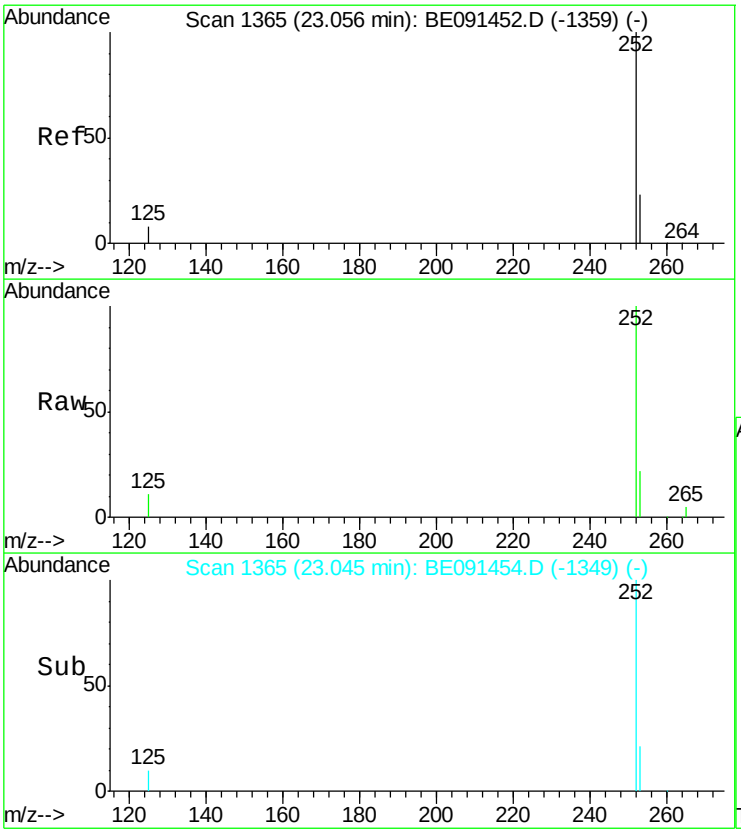
#25
Perylene-d12
Concen: 5.00 ng
RT: 23.81 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 596612

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.7	31.1
265	23.9	19.4	29.2

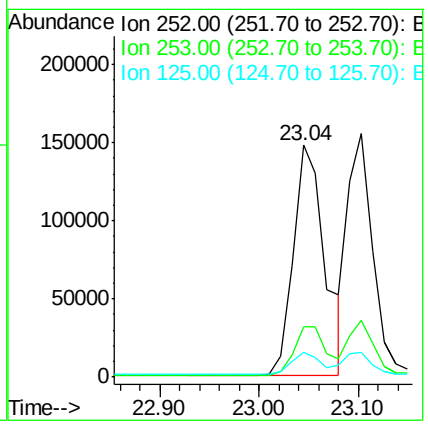


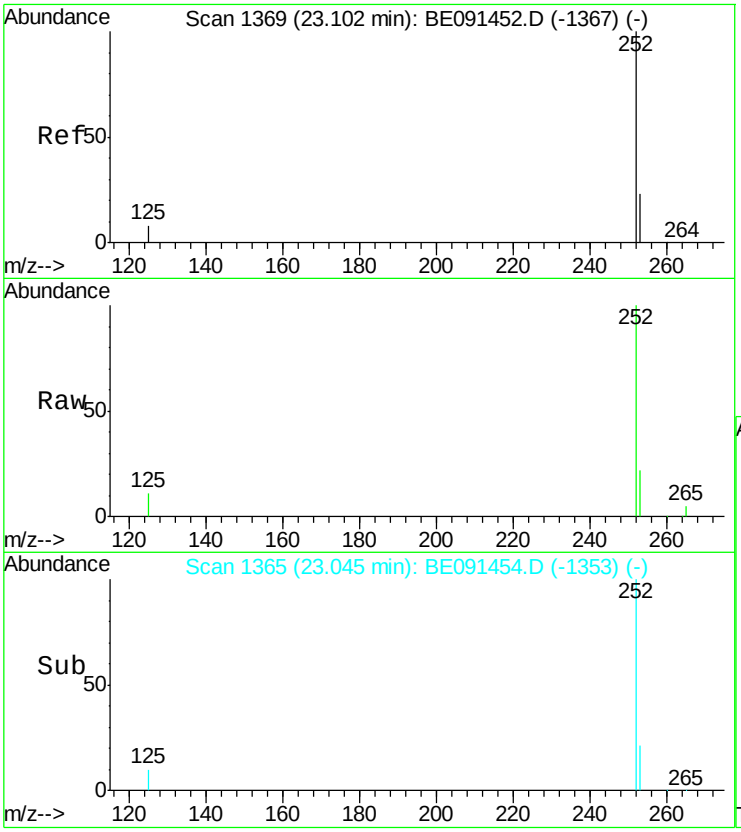


#26
Benzo(b)fluoranthene
Concen: 1.86 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:252 Resp: 324621

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.6	30.8
125	10.9	10.2	15.4



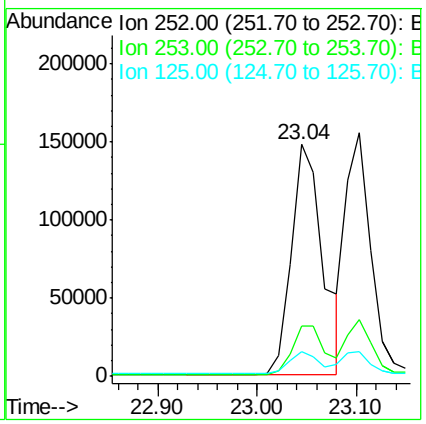


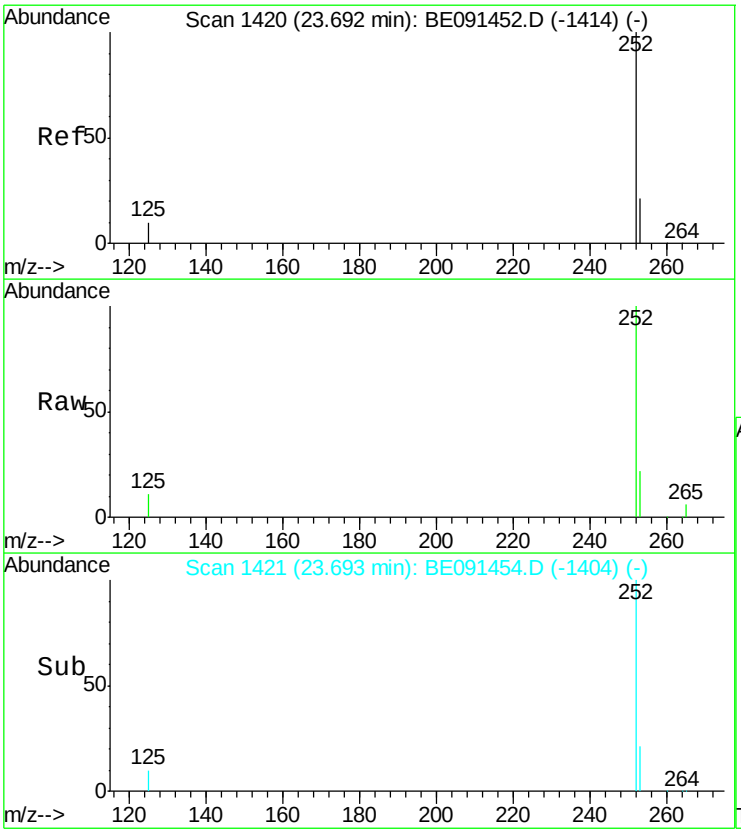
#27
Benzo(k)fluoranthene
Concen: 2.02 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.06 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 324621

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.2	30.2
125	10.9	10.6	16.0

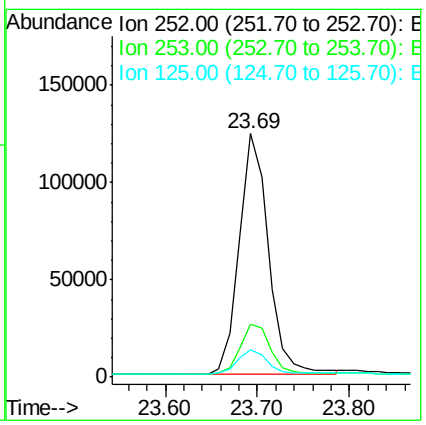


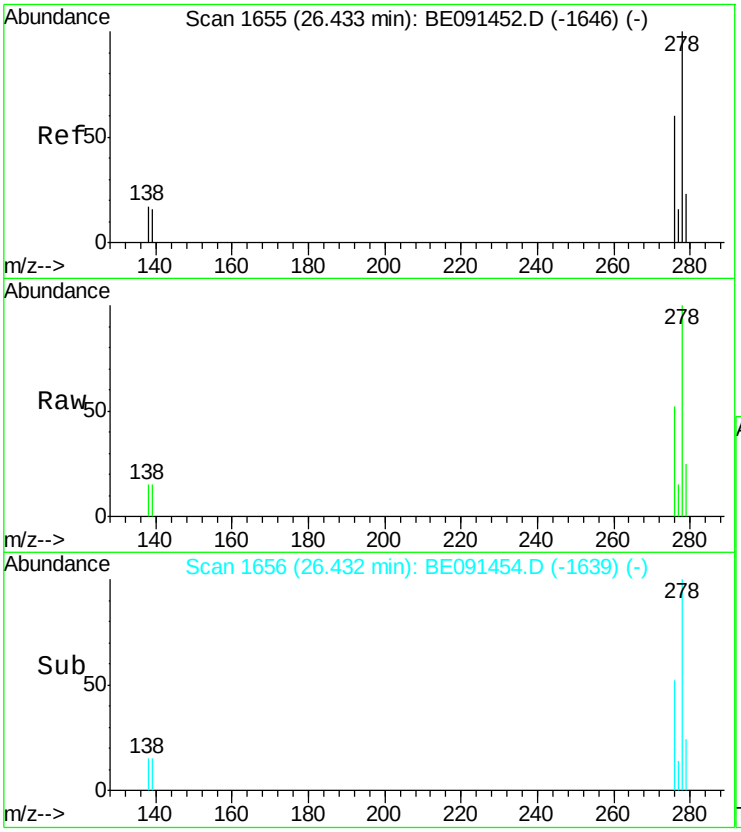


#28
Benzo(a)pyrene
Concen: 1.87 ng
RT: 23.69 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:252 Resp: 275345

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.0	30.0
125	11.5	12.7	19.1#



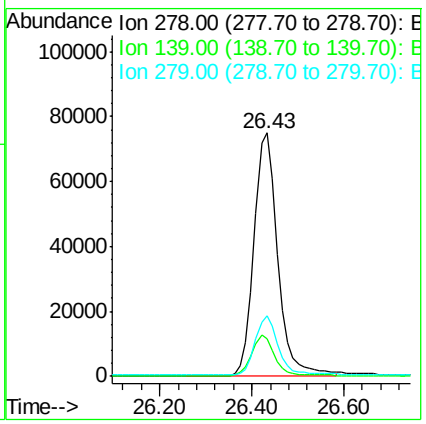


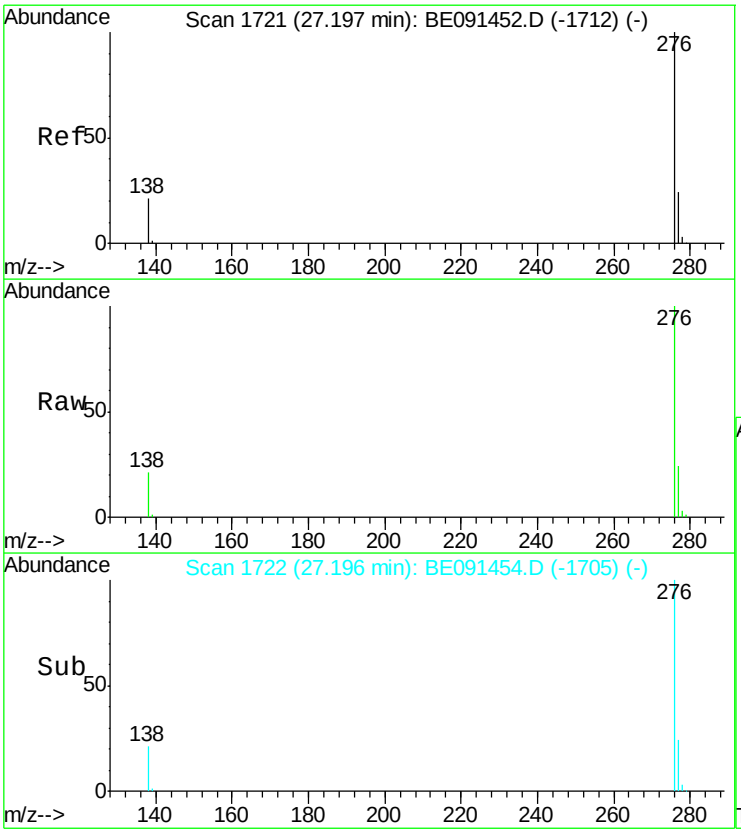
#29
Dibenzo(a,h)anthracene
Concen: 1.90 ng
RT: 26.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 268662

Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.3	19.9
279	24.7	20.9	31.3





#30
Benzo(g,h,i)perylene
Concen: 1.84 ng
RT: 27.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BE091454.D
Acq: 16 Mar 2016 21:51

Tgt Ion:276 Resp: 278175

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	21.4	17.6	26.4