Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097715.D
Acq On : 3 Oct 2018 16:14
Operator : SJ/JU
Sample : J4870-21DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 03 17:42:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4968	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	20585	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	12382	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	33700	0.40	ng	0.00
27) Chrysene-d12	21.49	240	42987	0.40	ng	0.00
34) Perylene-d12	24.04	264	48906	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	967	0.08	ng	0.00
5) Phenol-d6	7.04	99	1425	0.08	ng	0.00
8) Nitrobenzene-d5	9.06	82	620	0.09	ng	0.01
11) 2-Methylnaphthalene-d10	12.31	152	2382	0.07	ng	0.01
14) 2,4,6-Tribromophenol	16.06	330	143	0.06	ng	0.01
15) 2-Fluorobiphenyl	13.19	172	4113	0.08	ng	0.00
25) Fluoranthene-d10	19.33	212	30274	0.07	ng	0.00
29) Terphenyl-d14	19.93	244	6660	0.08	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.74	128	285356	1.376	ng	100
16) Acenaphthylene	14.27	152	85394	1.557	ng	98
17) Acenaphthene	14.62	154	41334	1.177	ng	97
18) Fluorene	15.60	166	27947	0.599	ng	100
23) Phenanthrene	17.34	178	20707	0.238	ng	100
24) Anthracene	17.43	178	38303	0.511	ng	98
26) Fluoranthene	19.36	202	27586	0.249	ng	99
28) Pyrene	19.72	202	88306	0.808	ng	100
30) Benzo(a)anthracene	21.46	228	15428	0.133	ng	97
31) Chrysene	21.52	228	53550	0.414	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	100097	0.892	ng	99
35) Benzo(b)fluoranthene	23.26	252	44528	0.332	ng	99
36) Benzo(k)fluoranthene	23.31	252	28508	0.192	ng	99
37) Benzo(a)pyrene	23.93	252	86009	0.708	ng	99
38) Dibenzo(a,h)anthracene	26.77	278	86094	0.719	ng	98
39) Benzo(g,h,i)perylene	27.55	276	15008	0.120	ng	99

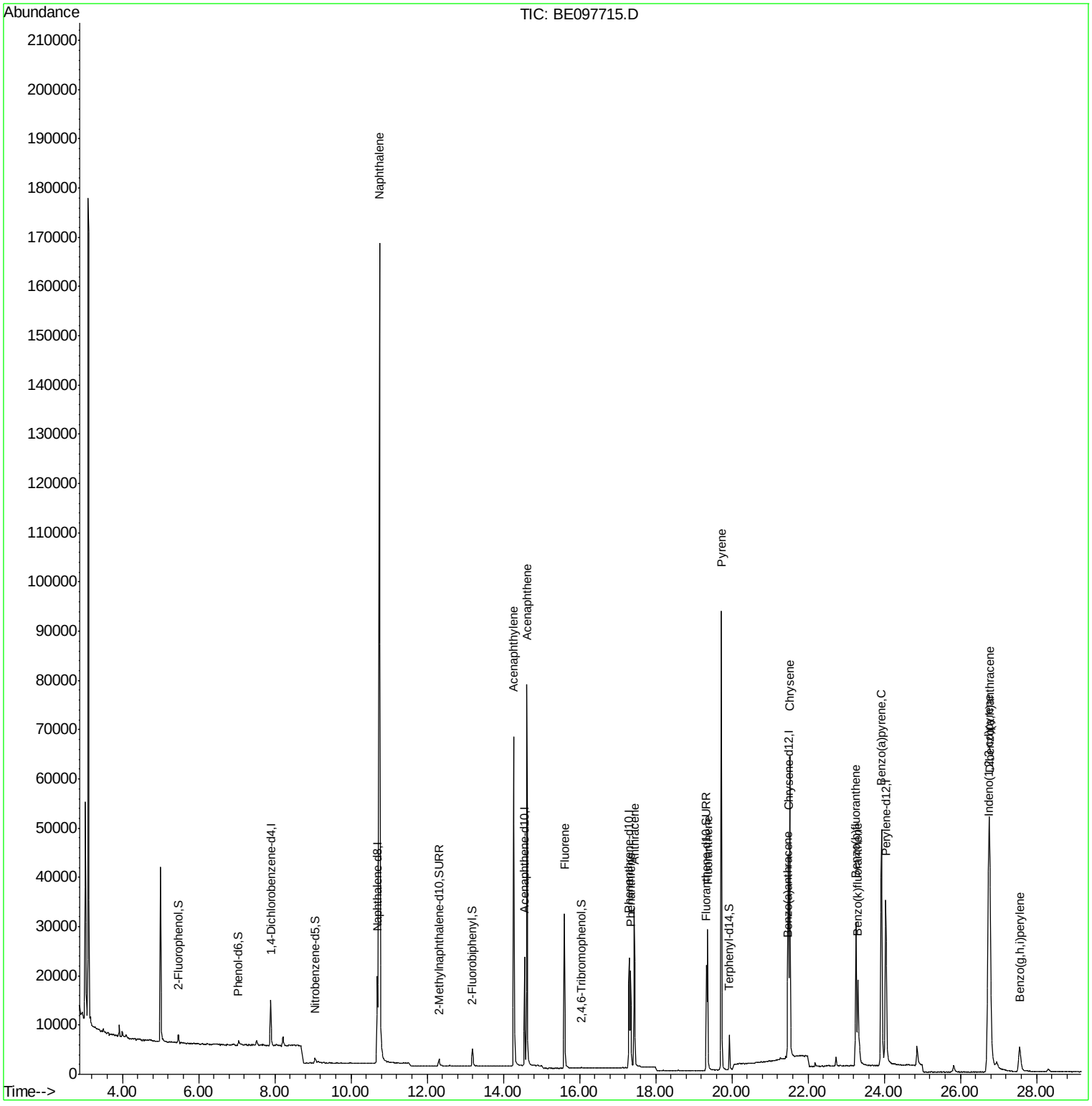
(#) = qualifier out of range (m) = manual integration (+) = signals summed

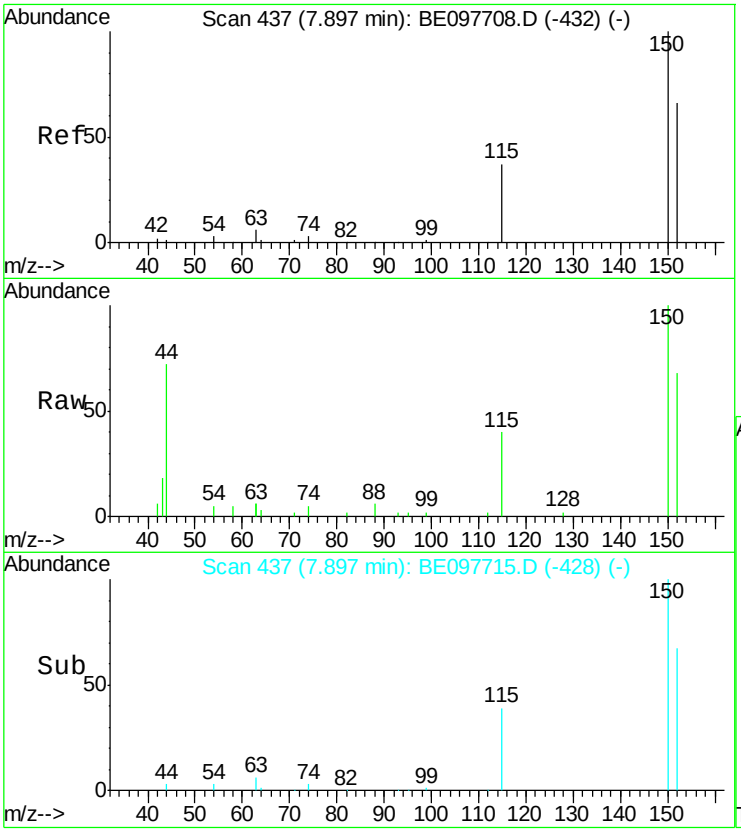
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097715.D
Acq On : 3 Oct 2018 16:14
Operator : SJ/JU
Sample : J4870-21DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 03 17:42:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



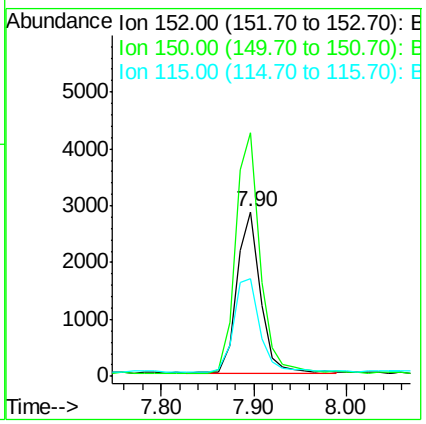


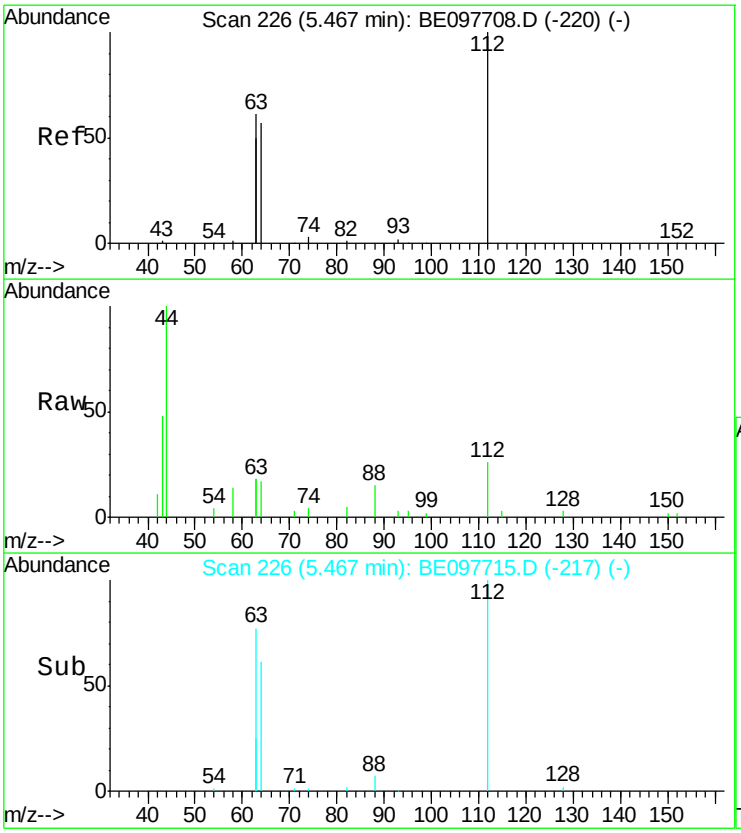
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4968

Ion	Ratio	Lower	Upper
152	100		
150	148.1	120.9	181.3
115	59.4	46.6	69.8

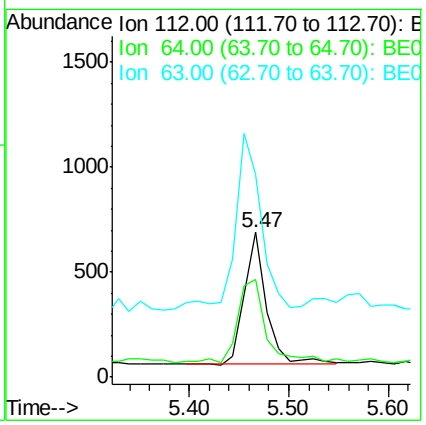


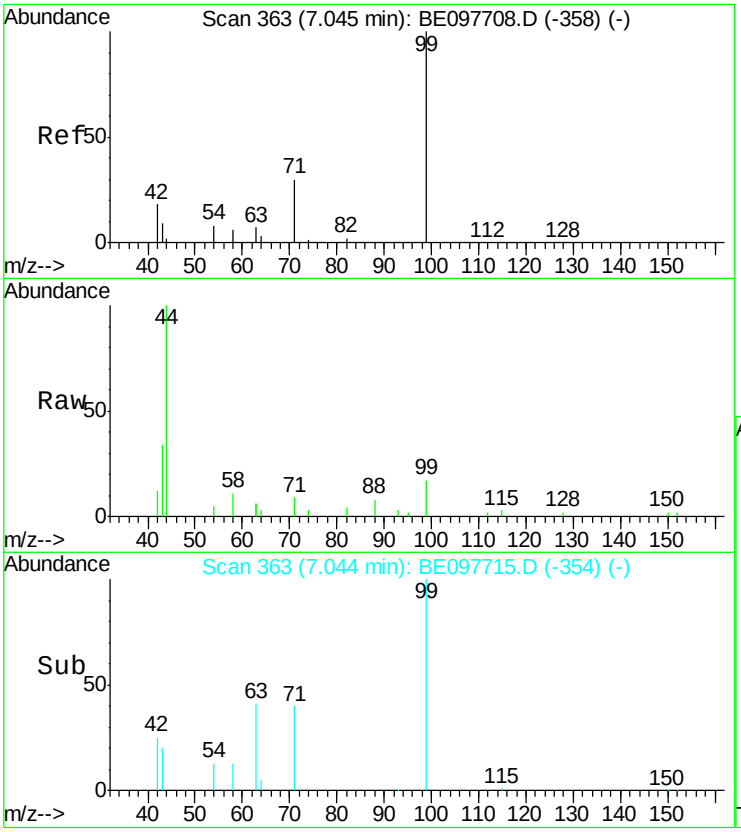


#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:112 Resp: 967

Ion	Ratio	Lower	Upper
112	100		
64	83.6	56.6	84.8
63	153.9	119.4	179.0



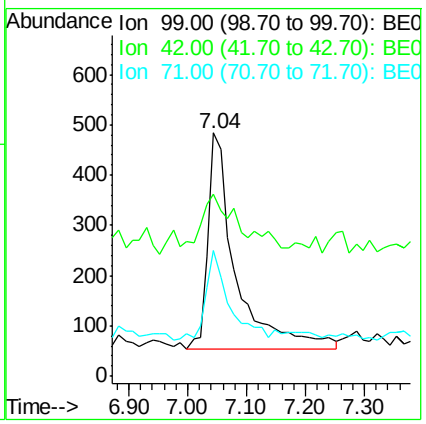


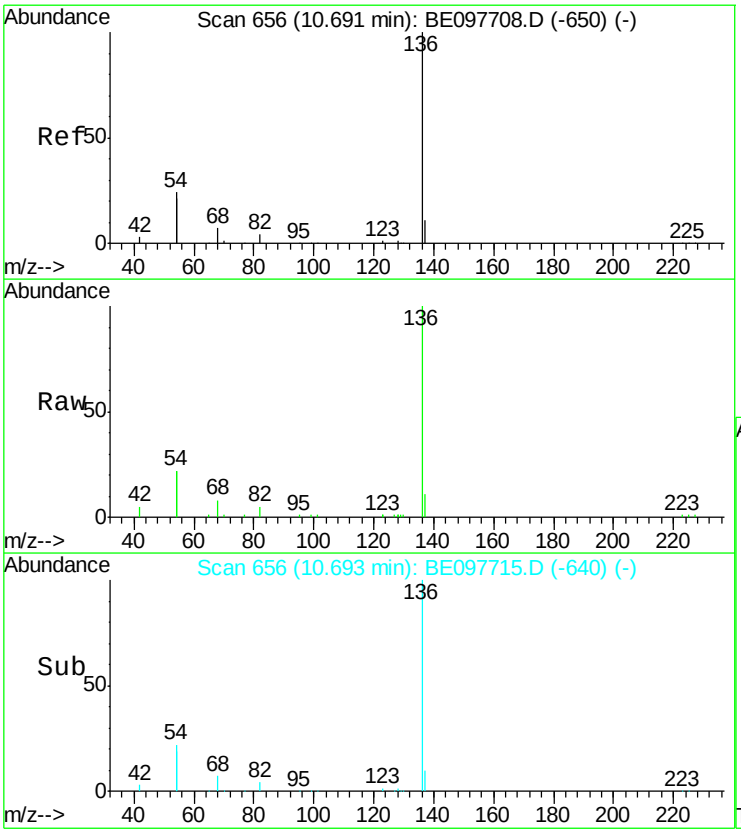
#5
Phenol-d6
Concen: 0.079 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1425

Ion	Ratio	Lower	Upper
99	100		
42	20.6	19.9	29.9
71	33.7	25.4	38.2

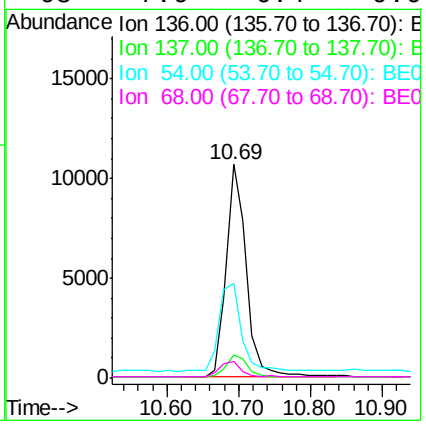


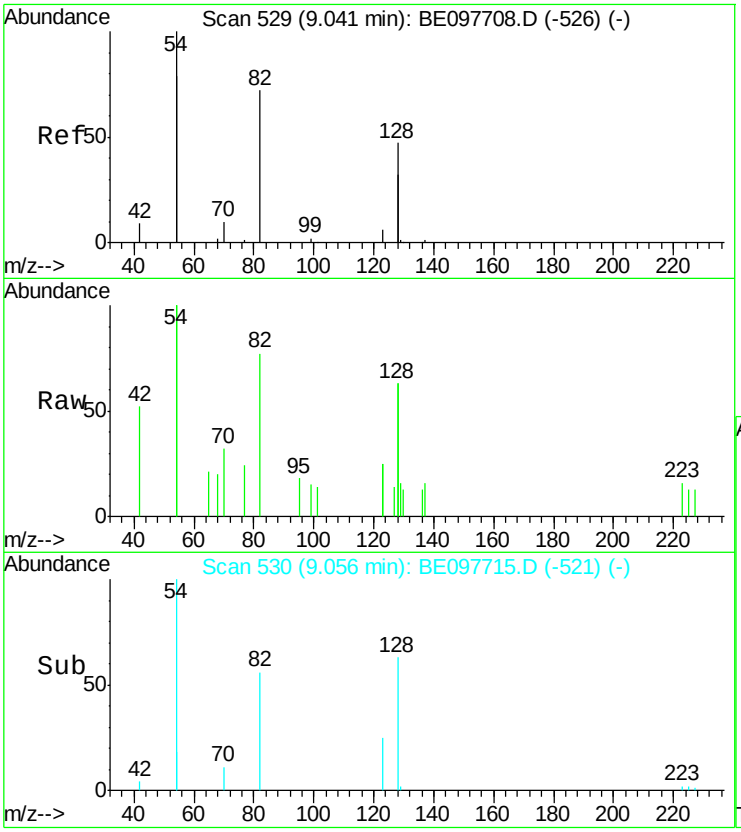


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:136 Resp: 20585

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	44.3	37.8	56.6
68	7.6	6.4	9.6



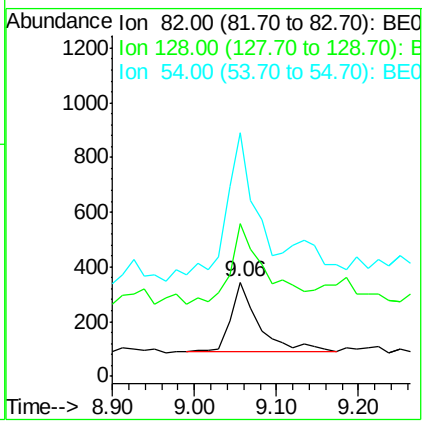


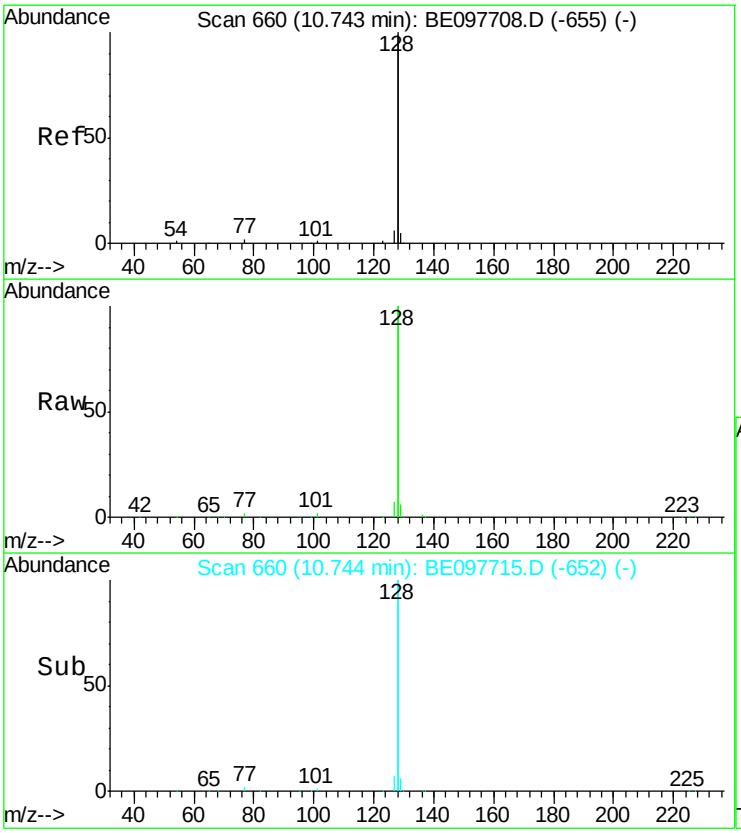
#8
Nitrobenzene-d5
Concen: 0.093 ng
RT: 9.06 min Scan# 530
Delta R.T. 0.01 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 620

Ion	Ratio	Lower	Upper
82	100		
128	163.3	97.0	145.4#
54	259.5	206.9	310.3

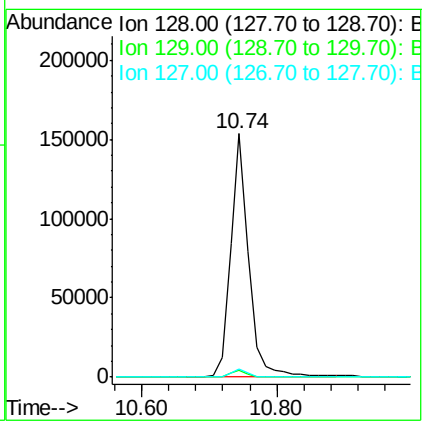


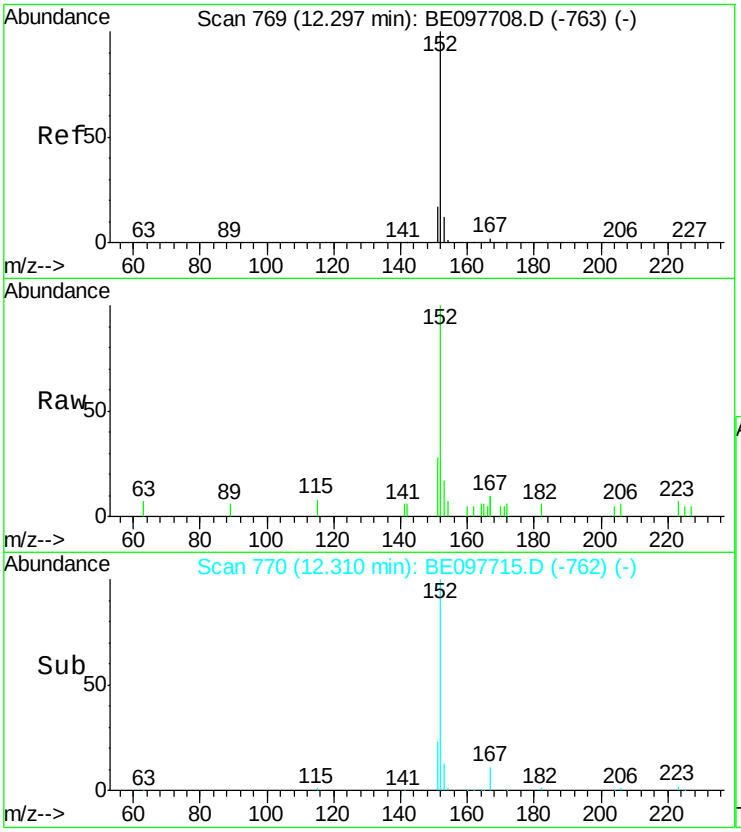


#9
Naphthalene
Concen: 1.376 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:128 Resp: 285356

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.2
127	3.3	2.7	4.1



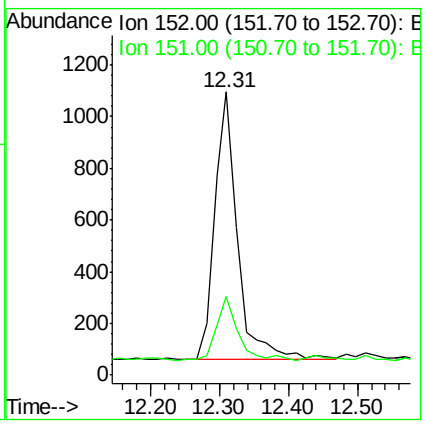


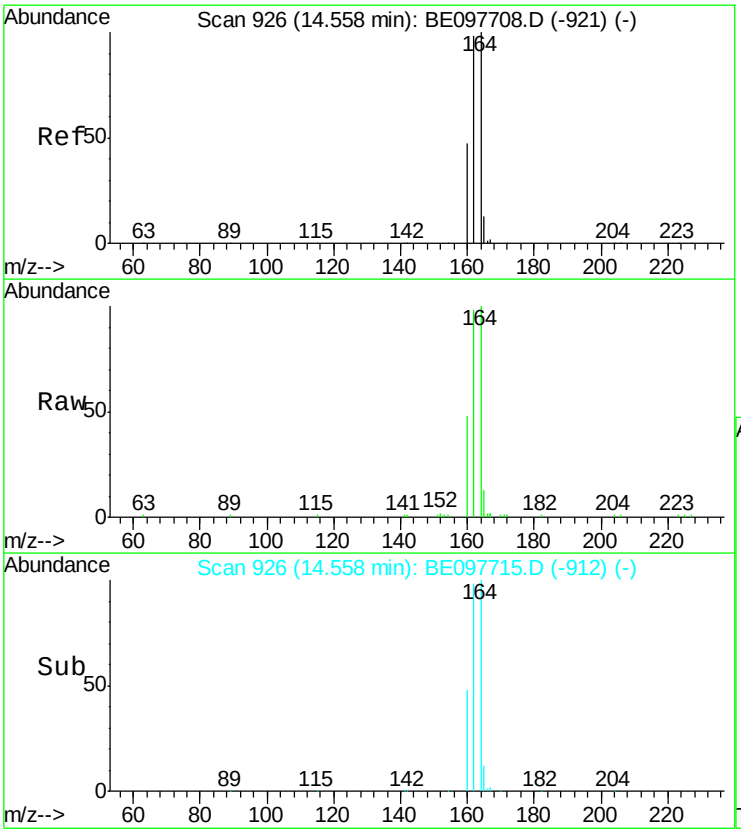
#11
2-Methylnaphthalene-d10
Concen: 0.073 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2382

Ion	Ratio	Lower	Upper
152	100		
151	23.9	15.4	23.2#

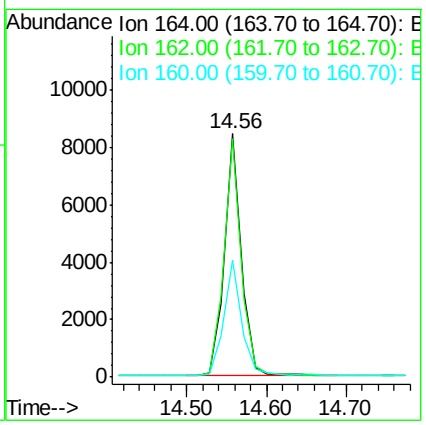


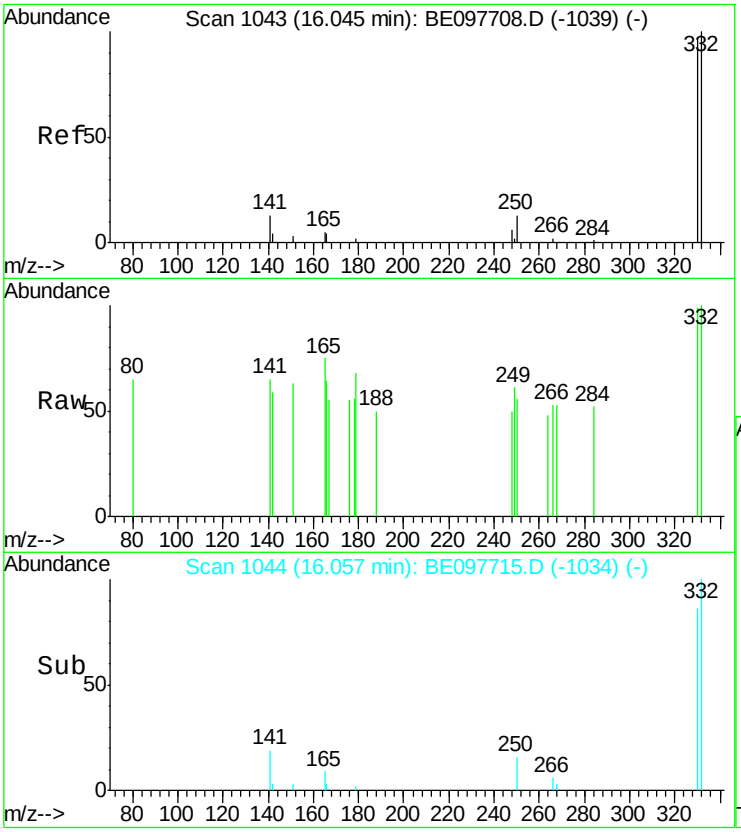


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:164 Resp: 12382

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.6	117.8
160	47.9	37.8	56.6



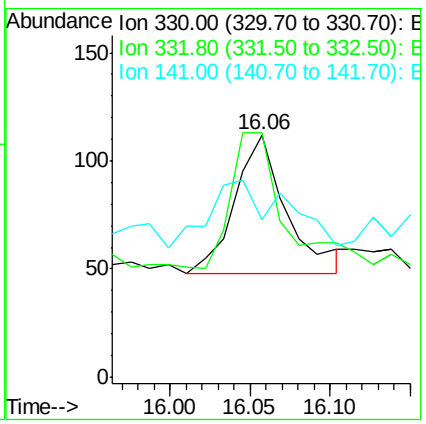


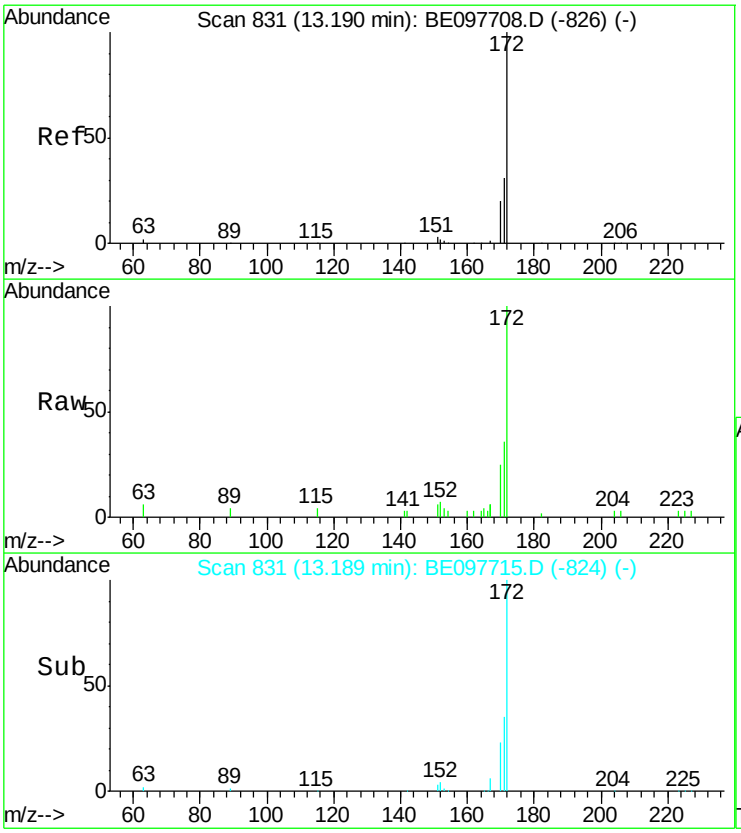
#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 16.06 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 143

Ion	Ratio	Lower	Upper
330	100		
332	111.2	83.5	125.3
141	72.7	34.9	52.3#

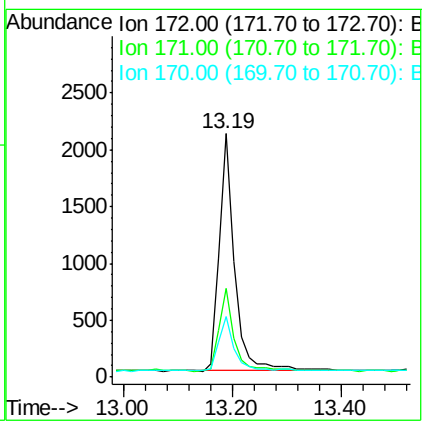


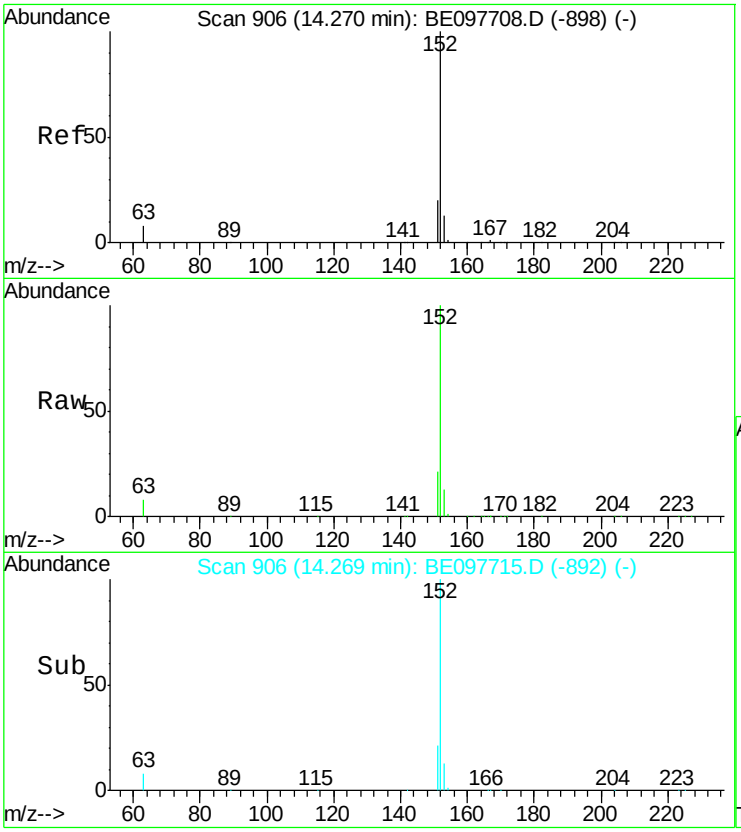


#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:172 Resp: 4113

Ion	Ratio	Lower	Upper
172	100		
171	36.5	25.2	37.8
170	24.9	16.2	24.2#



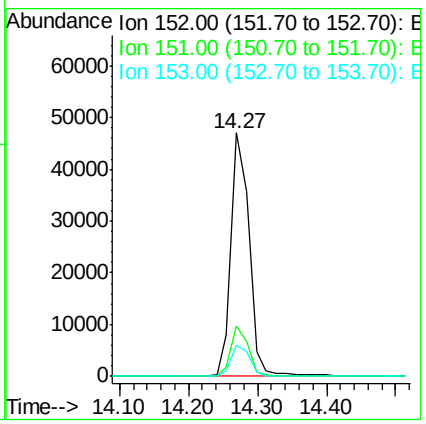


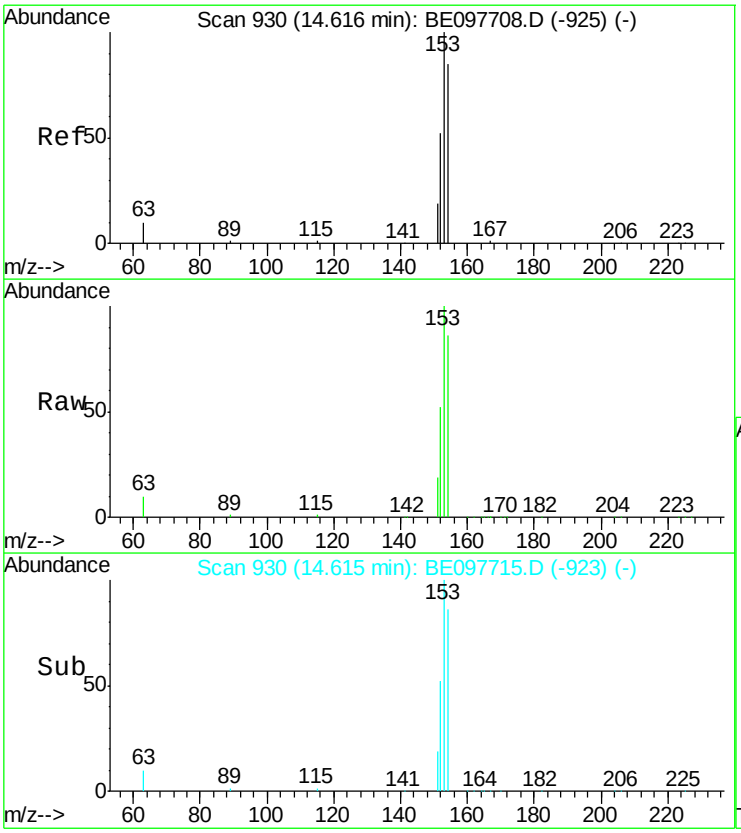
#16
Acenaphthylene
Concen: 1.557 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 85394

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.3	22.9
153	13.0	10.8	16.2

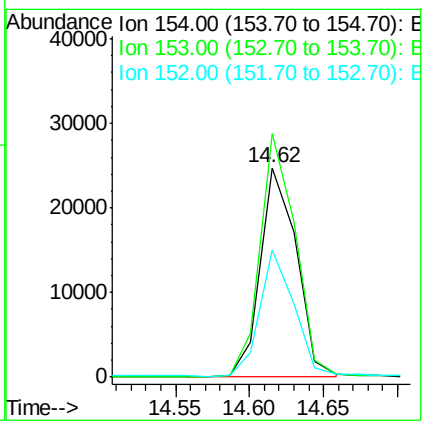


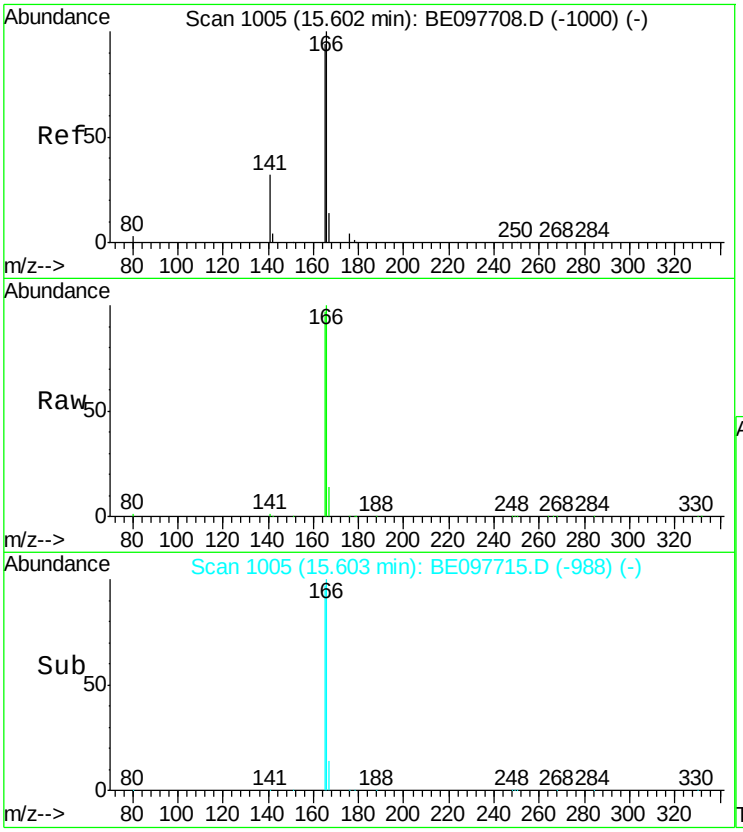


#17
Acenaphthene
Concen: 1.177 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:154 Resp: 41334

Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.3	139.9
152	57.9	48.9	73.3



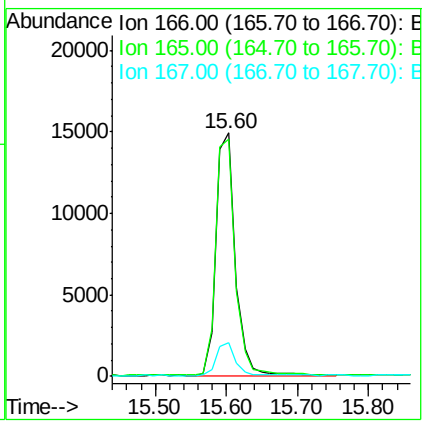


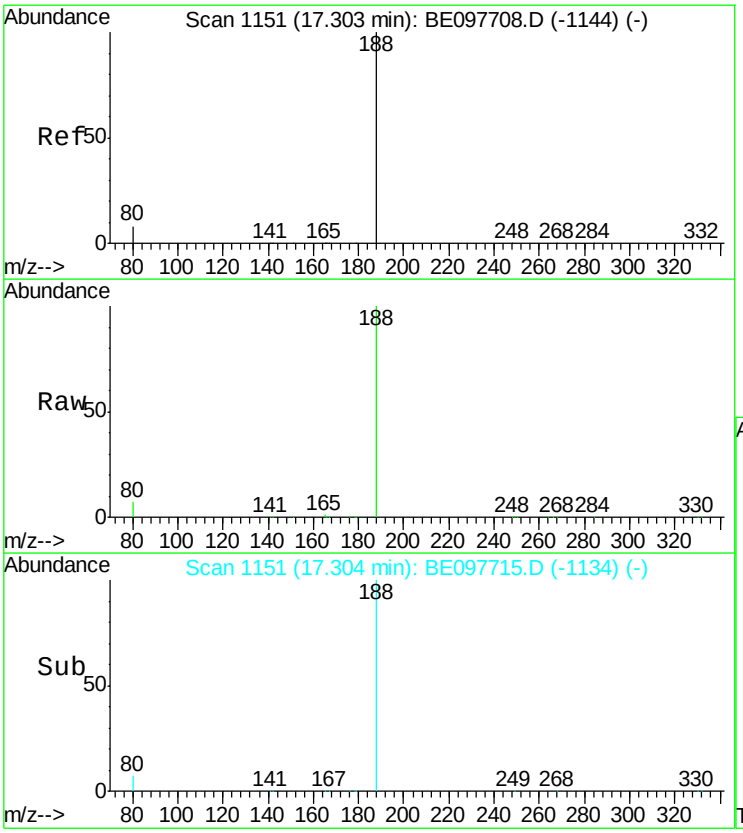
#18
Fluorene
Concen: 0.599 ng
RT: 15.60 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 27947

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.5	11.1	16.7

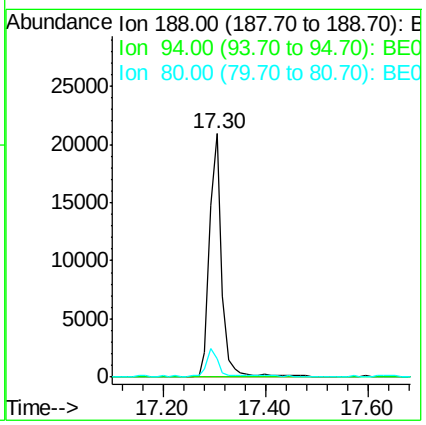


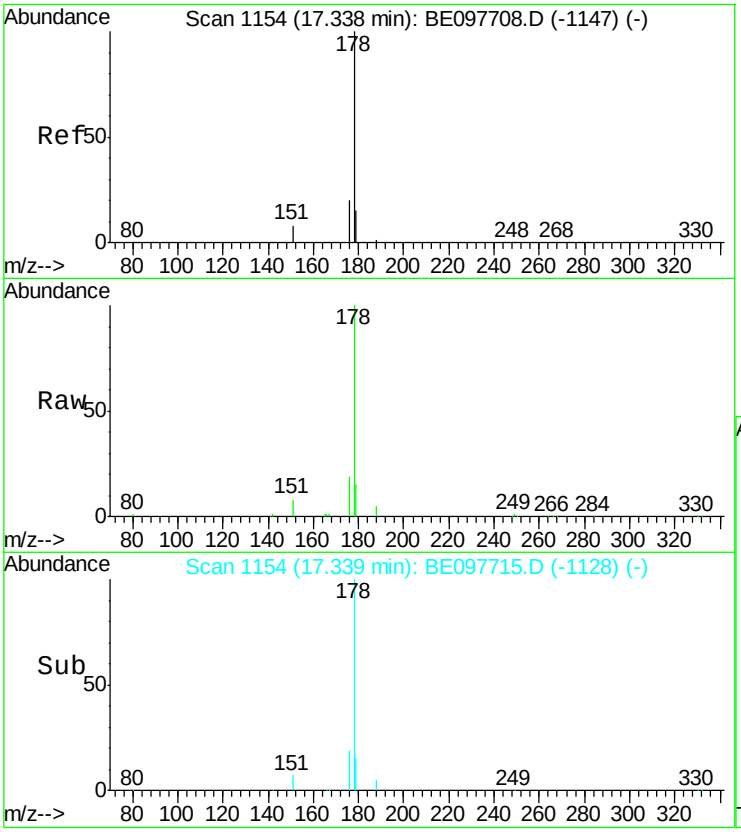


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:188 Resp: 33700

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.6	9.8



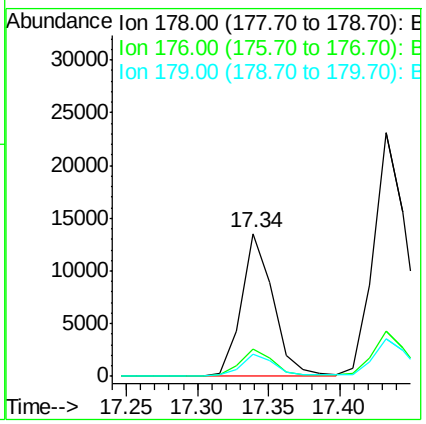


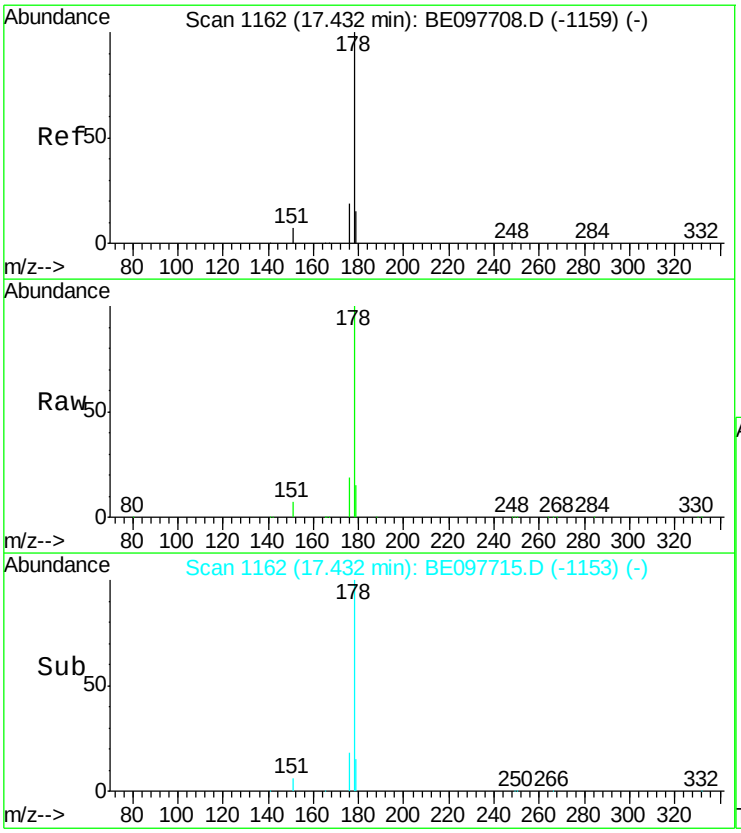
#23
Phenanthrene
Concen: 0.238 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 20707

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.2	18.4

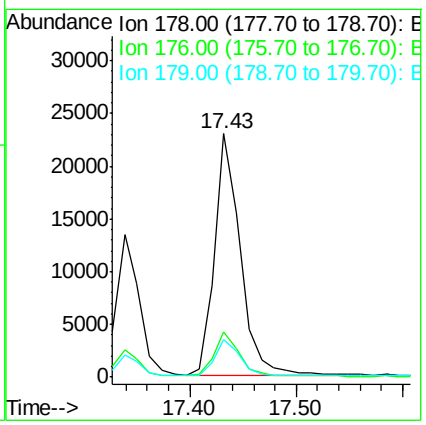


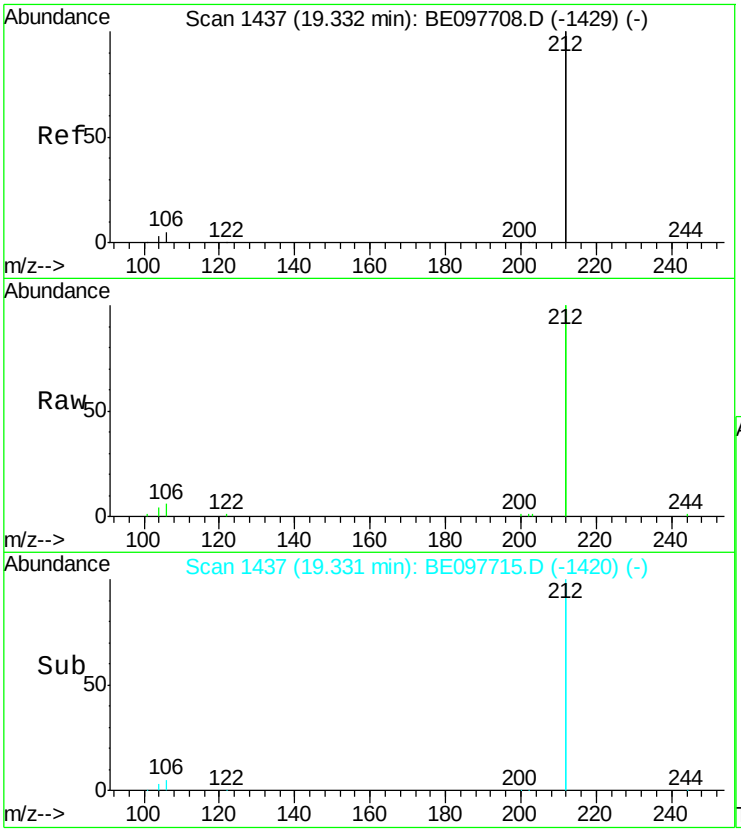


#24
Anthracene
Concen: 0.511 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:178 Resp: 38303

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	14.9	12.2	18.2



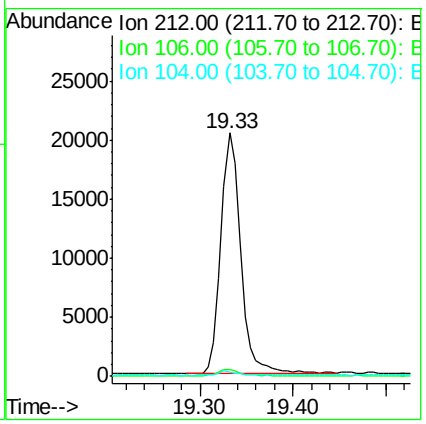


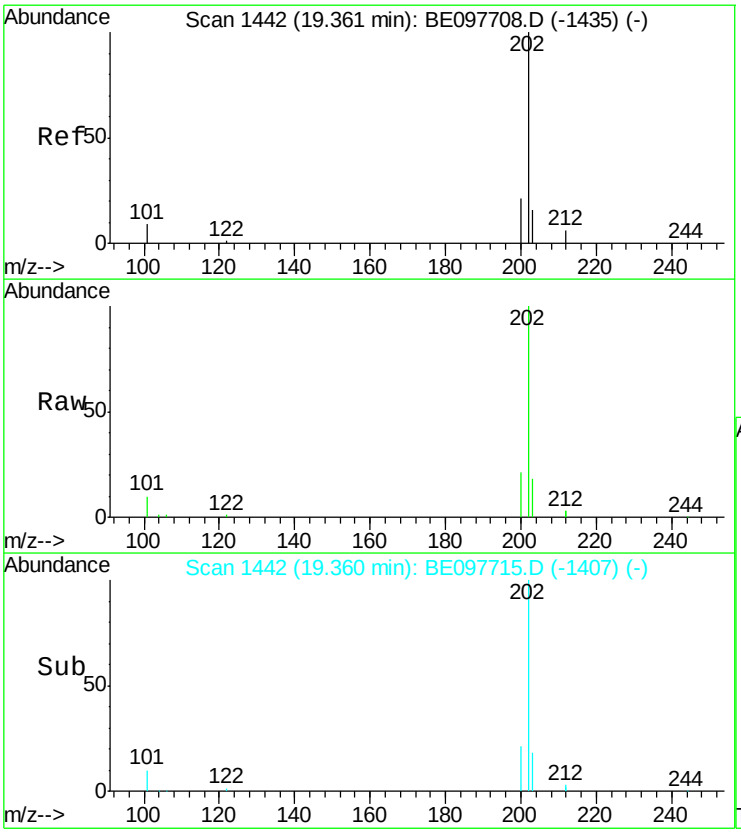
#25
Fluoranthene-d10
Concen: 0.071 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30274

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.6	1.2	1.8

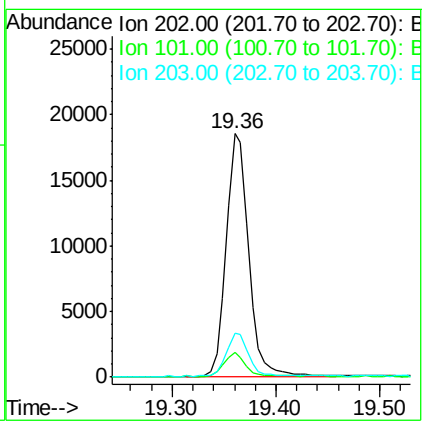


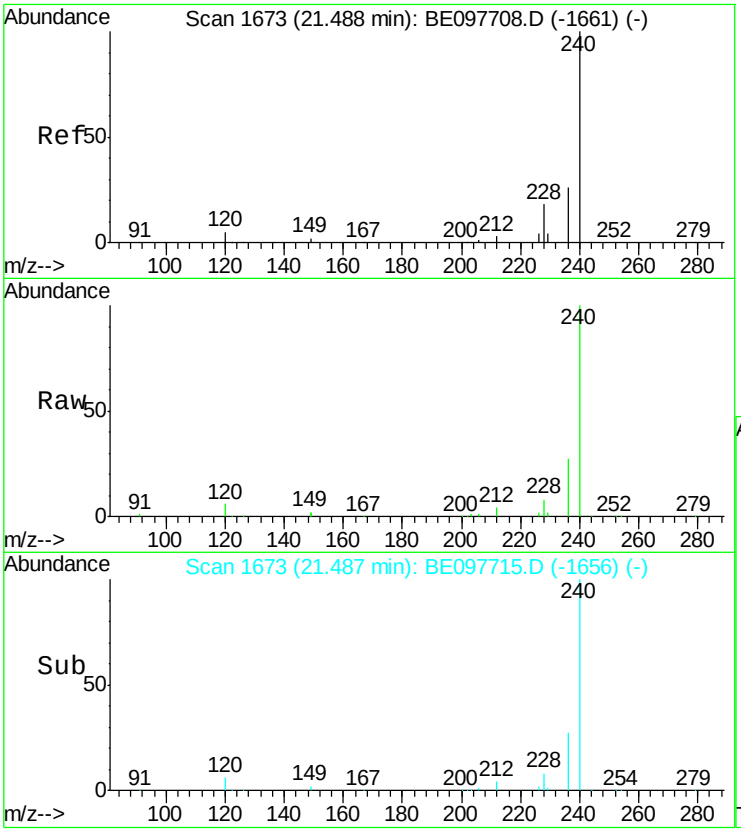


#26
Fluoranthene
Concen: 0.249 ng
RT: 19.36 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:202 Resp: 27586

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.8
203	17.6	13.8	20.6



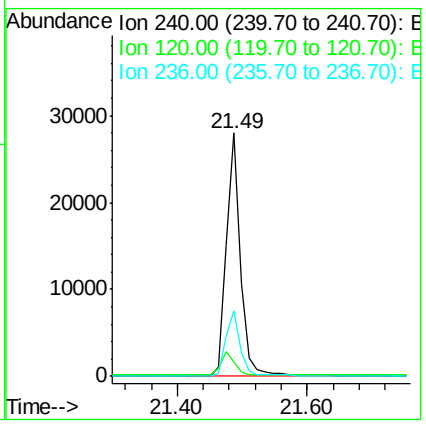


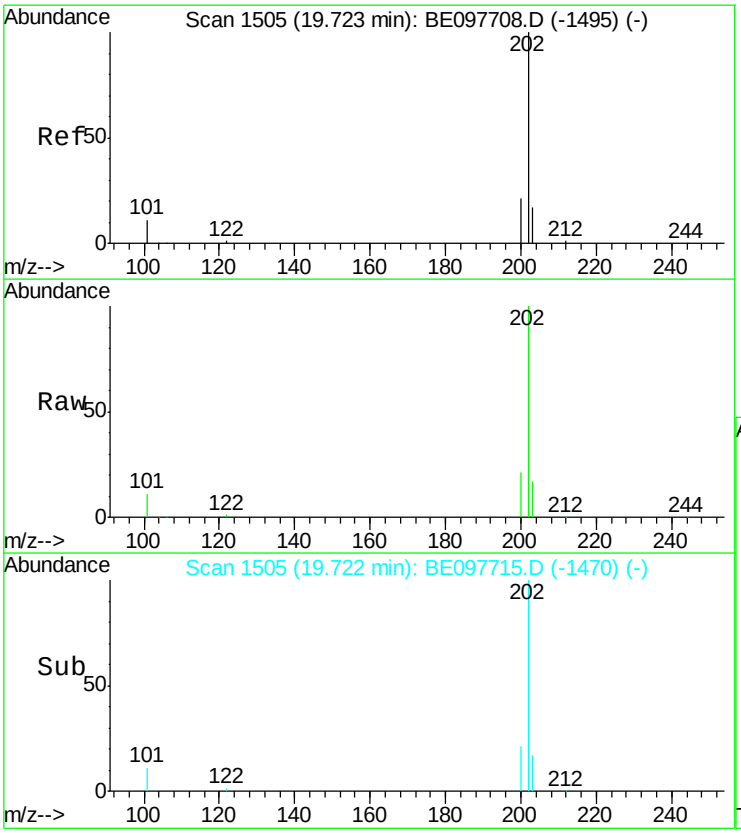
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 42987

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.7	7.1
236	26.8	20.8	31.2

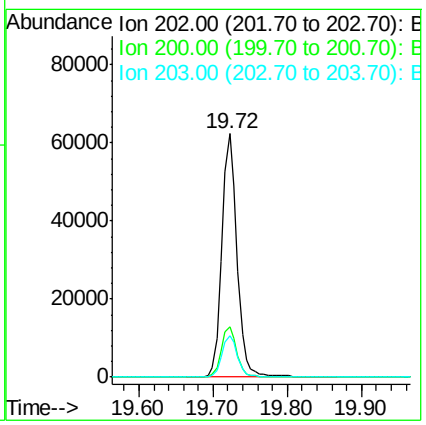


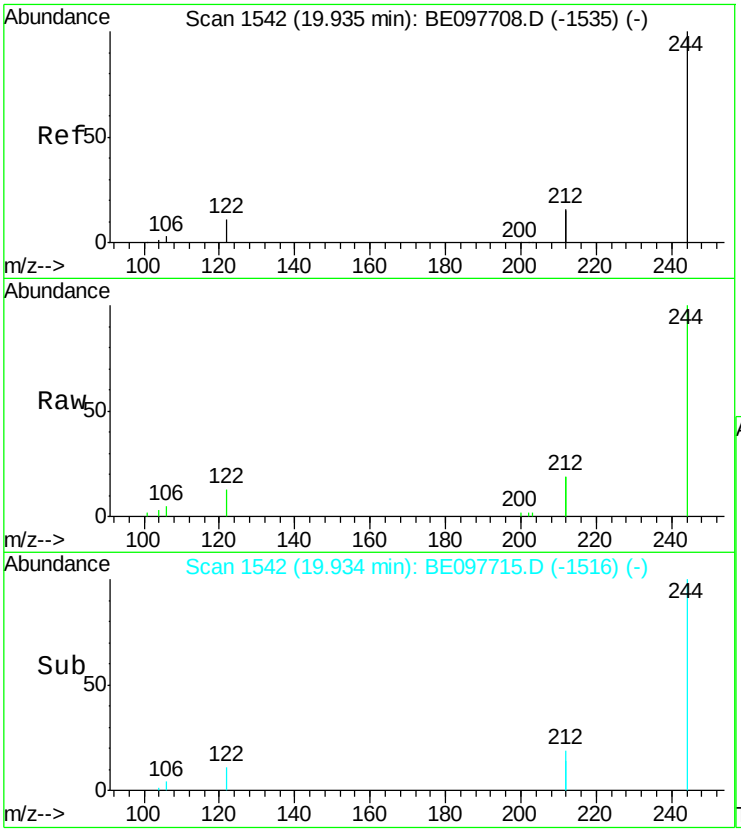


#28
Pyrene
Concen: 0.808 ng
RT: 19.72 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:202 Resp: 88306

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.3	13.9	20.9



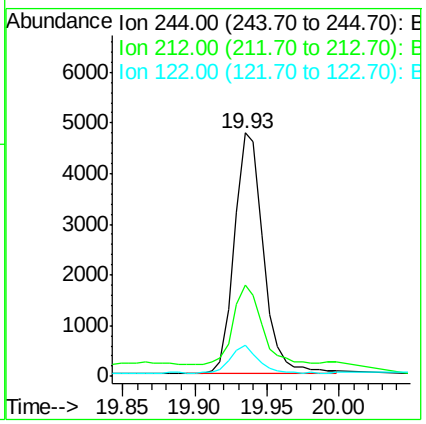


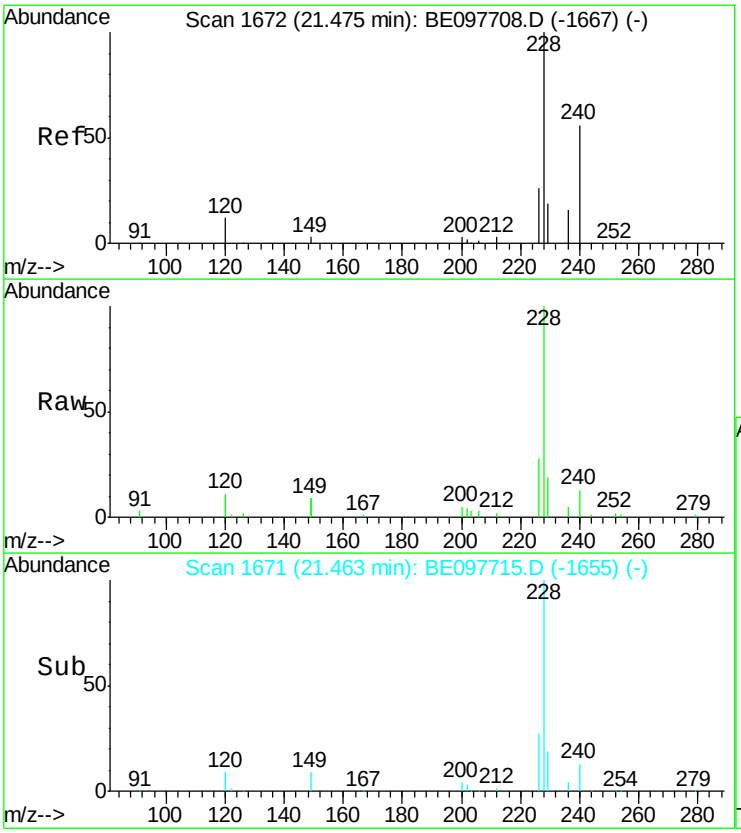
#29
Terphenyl-d14
Concen: 0.076 ng
RT: 19.93 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6660

Ion	Ratio	Lower	Upper
244	100		
212	37.4	25.8	38.8
122	12.6	8.7	13.1

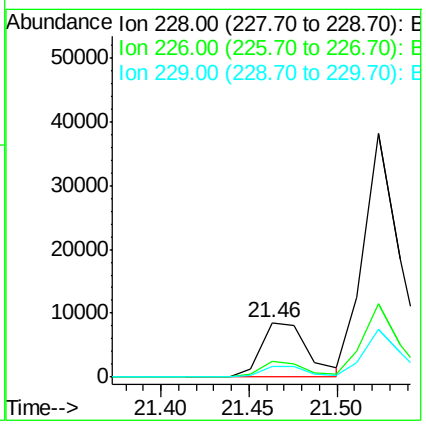


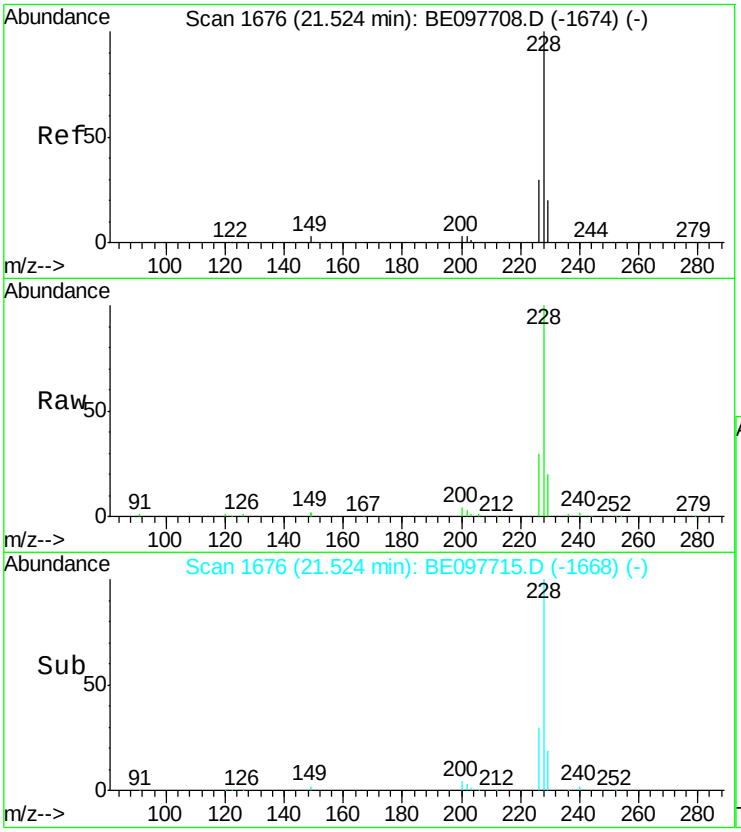


#30
Benzo(a)anthracene
Concen: 0.133 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:228 Resp: 15428

Ion	Ratio	Lower	Upper
228	100		
226	28.0	20.7	31.1
229	19.2	15.7	23.5



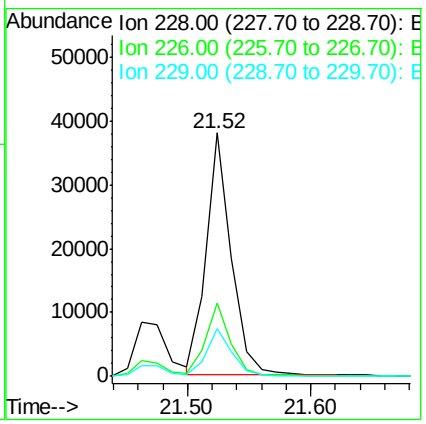


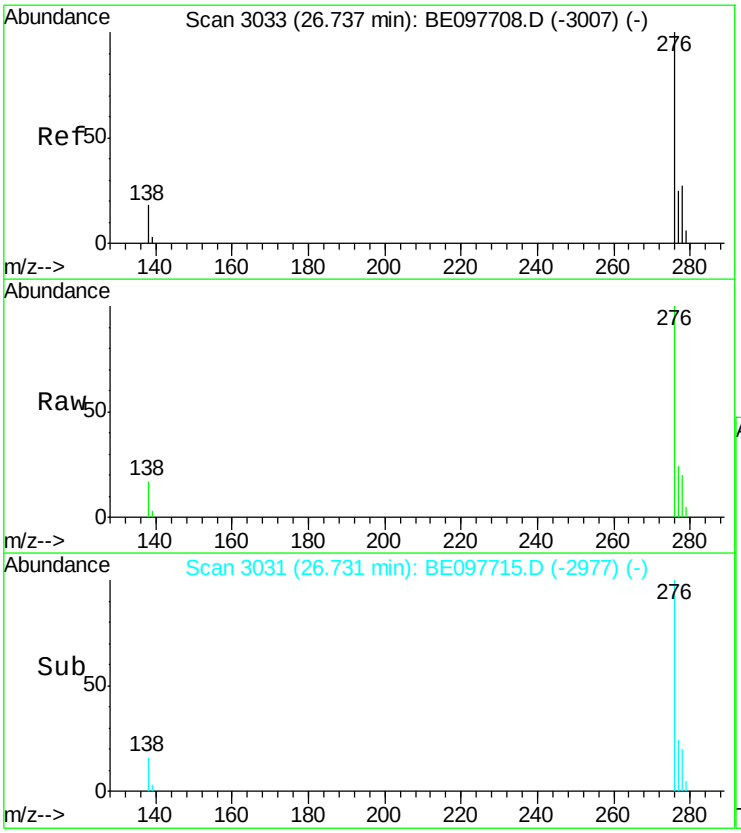
#31
Chrysene
Concen: 0.414 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 53550

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.6	16.0	24.0

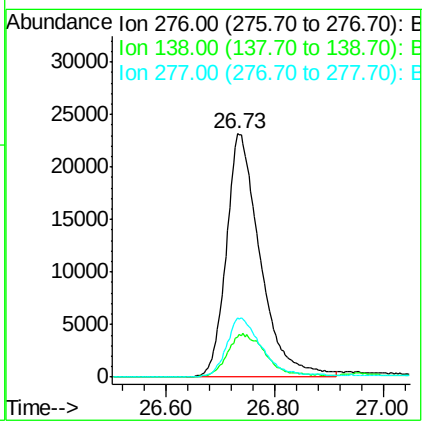


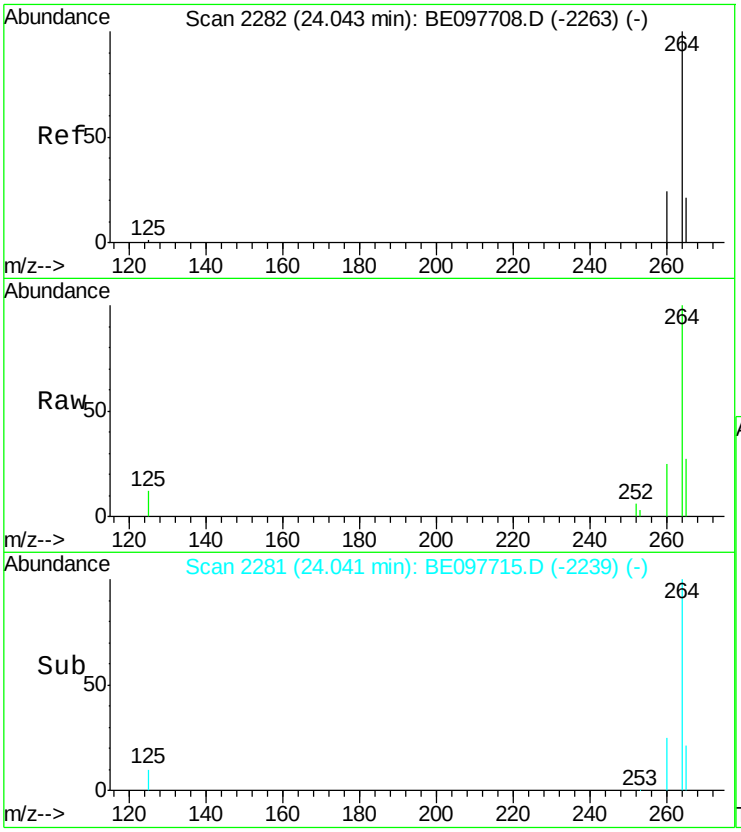


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.892 ng
RT: 26.73 min Scan# 3031
Delta R.T. -0.01 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:276 Resp: 100097

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.0	22.6
277	24.4	19.2	28.8



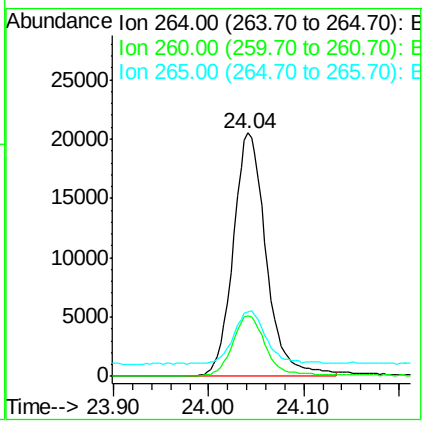


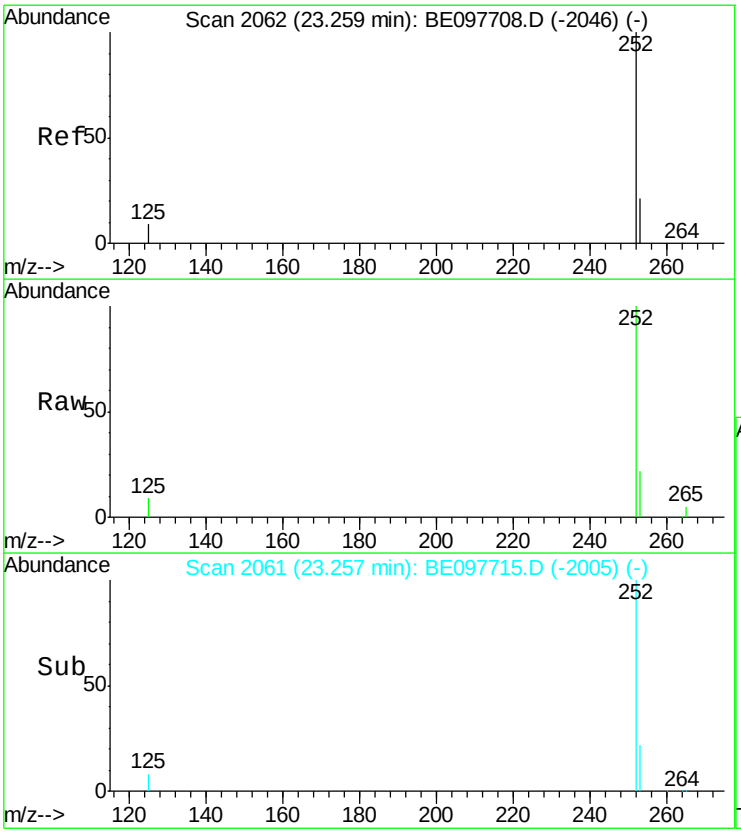
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 48906

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	26.6	21.9	32.9

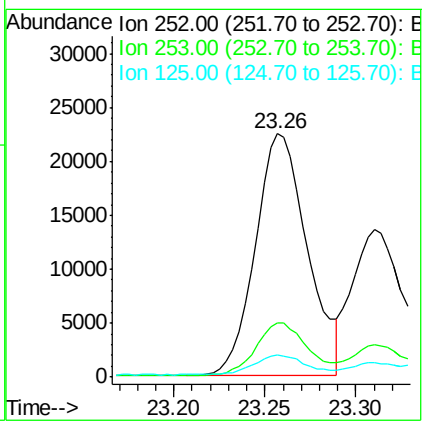


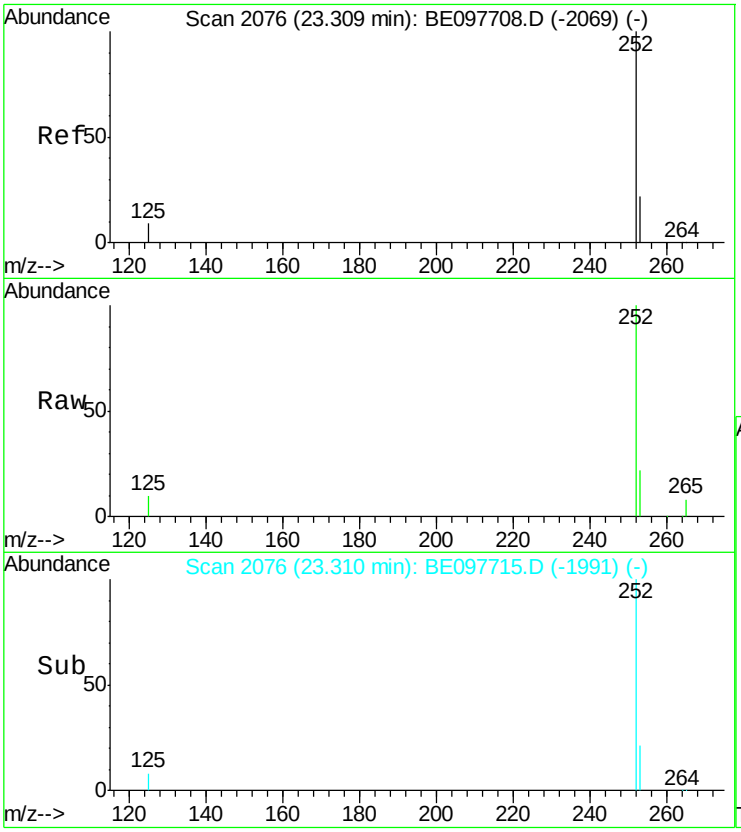


#35
Benzo(b)fluoranthene
Concen: 0.332 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:252 Resp: 44528

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.2	7.8	11.8



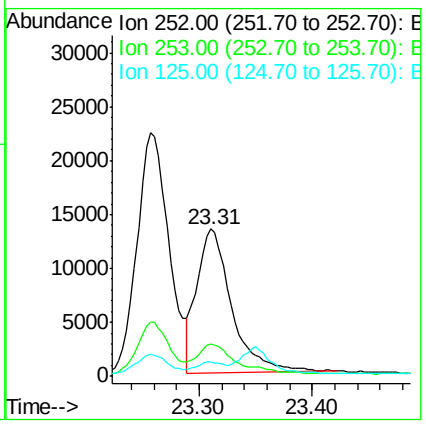


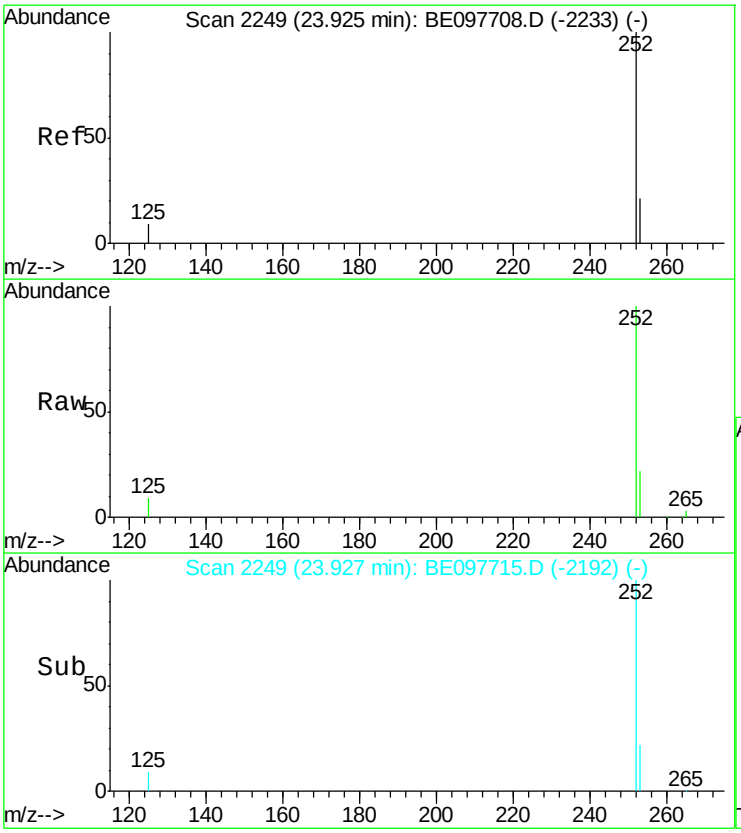
#36
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28508

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.9	7.5	11.3

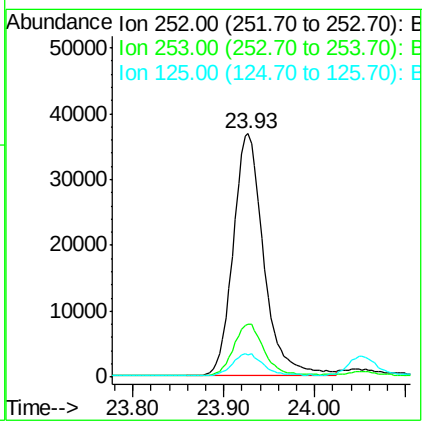


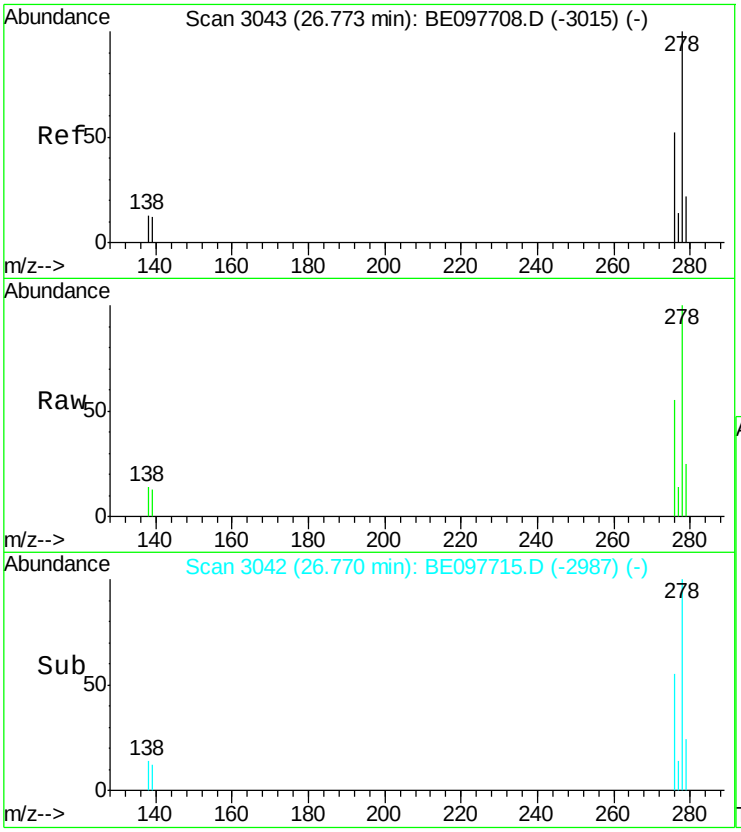


#37
Benzo(a)pyrene
Concen: 0.708 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:252 Resp: 86009

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	8.3	12.5



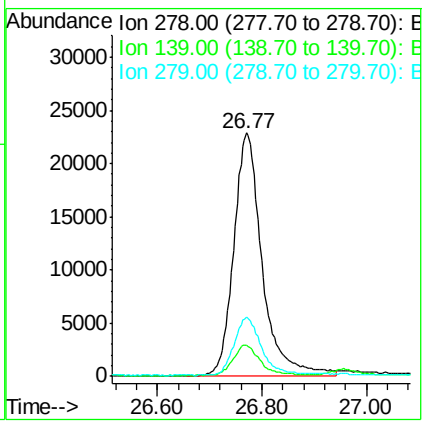


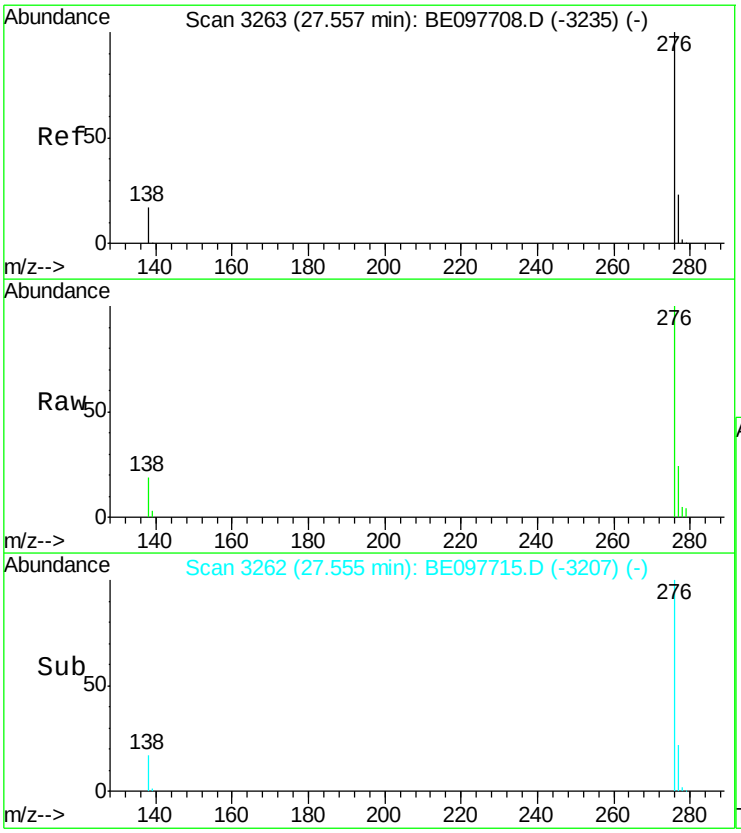
#38
Dibenzo(a,h)anthracene
Concen: 0.719 ng
RT: 26.77 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 86094

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.3	15.5
279	24.6	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.120 ng
RT: 27.55 min Scan# 3262
Delta R.T. -0.00 min
Lab File: BE097715.D
Acq: 3 Oct 2018 16:14

Tgt Ion:276 Resp: 15008

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.7	14.2	21.2