Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096947.D
Acq On : 16 Jul 2018 20:48
Operator : SJ/JU
Sample : J3921-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 16:42:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2034	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	9730	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5767	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	16747	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	15732	0.40	ng	0.00
34) Perylene-d12	23.21	264	15879	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	916	0.19	ng	0.00
5) Phenol-d6	6.59	99	851	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	3088	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6091	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	815	0.60	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	9774	0.46	ng	-0.01
25) Fluoranthene-d10	18.81	212	75100	0.52	ng	0.00
29) Terphenyl-d14	19.43	244	23478	0.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	200	0.069	ng	# 42
3) n-Nitrosodimethylamine	3.31	42	353	0.108	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	21	0.003	ng	# 1
9) Naphthalene	10.20	128	755	0.009	ng	# 79
10) Hexachlorobutadiene	10.48	225	18	0.005	ng	# 73
12) 2-Methylnaphthalene	11.81	142	91	0.006	ng	# 69
16) Acenaphthylene	13.74	152	70	0.003	ng	# 34
17) Acenaphthene	14.08	154	61	0.004	ng	# 64
18) Fluorene	15.07	166	102	0.006	ng	# 74
20) 4-Bromophenyl-phenylether	15.97	248	21	0.003	ng	# 25
21) Hexachlorobenzene	16.08	284	24	0.003	ng	# 27
22) Pentachlorophenol	16.43	266	22	Below Cal		91
23) Phenanthrene	16.81	178	550	0.014	ng	# 88
24) Anthracene	16.90	178	200	0.006	ng	# 72
26) Fluoranthene	18.84	202	282	0.007	ng	# 81
28) Pyrene	19.21	202	258	0.006	ng	# 96
30) Benzo(a)anthracene	20.97	228	198	0.005	ng	# 35
31) Chrysene	21.02	228	152	0.004	ng	# 31
32) Bis(2-ethylhexyl)phthalate	20.93	149	9839	0.263	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	45	0.001	ng	# 61
35) Benzo(b)fluoranthene	22.54	252	145	0.004	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	190	0.004	ng	# 1
37) Benzo(a)pyrene	23.11	252	83	0.103	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	13	0.118	ng	# 1
39) Benzo(g,h,i)perylene	26.21	276	118	0.004	ng	# 1

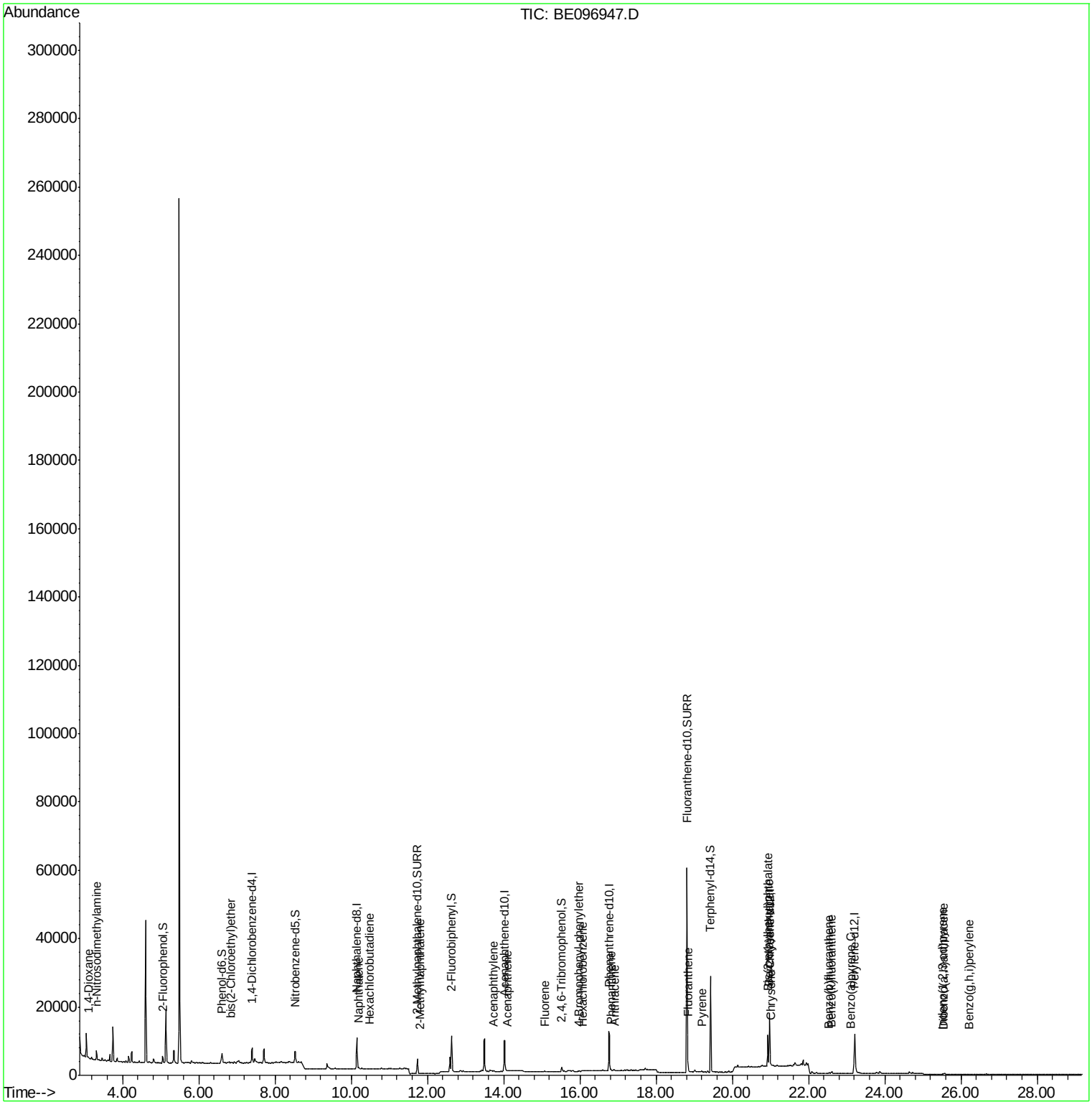
(#) = qualifier out of range (m) = manual integration (+) = signals summed

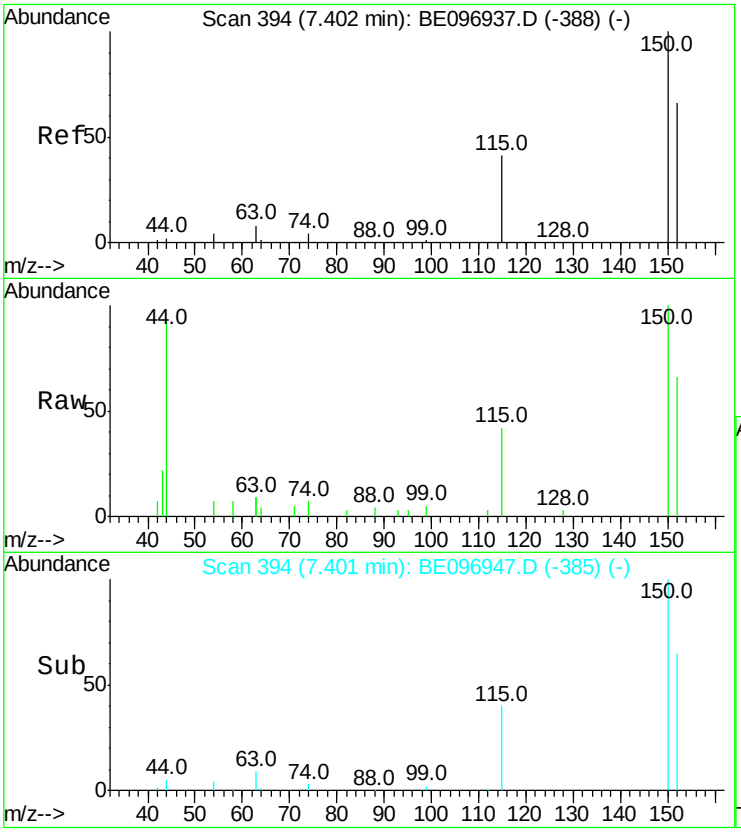
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096947.D
Acq On : 16 Jul 2018 20:48
Operator : SJ/JU
Sample : J3921-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 16:42:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



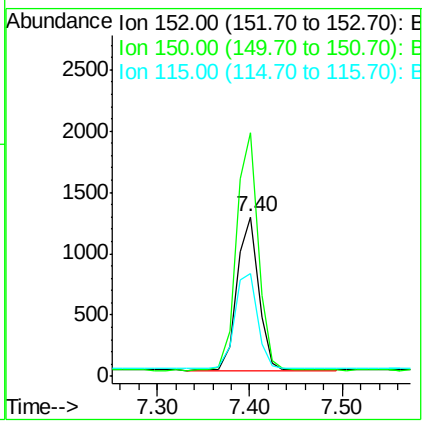


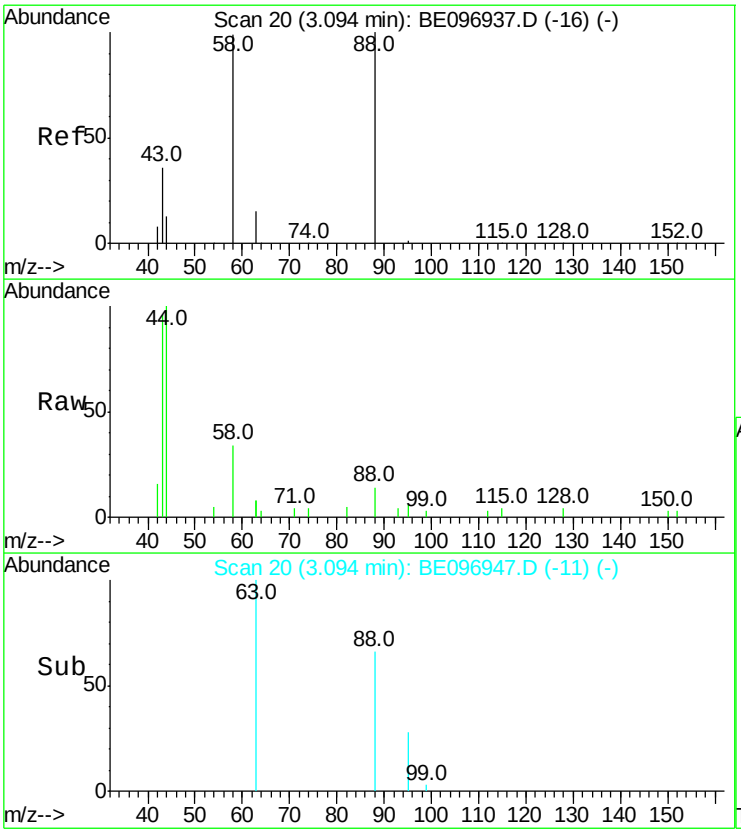
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2034

Ion	Ratio	Lower	Upper
152	100		
150	152.7	117.2	175.8
115	64.6	57.0	85.6

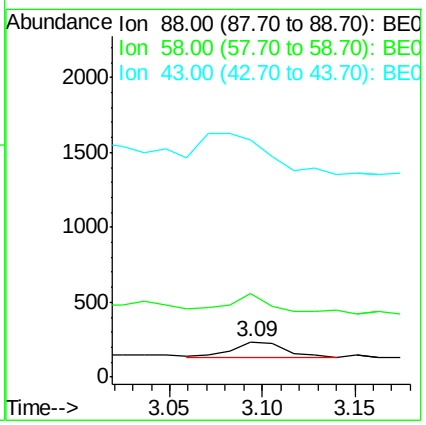


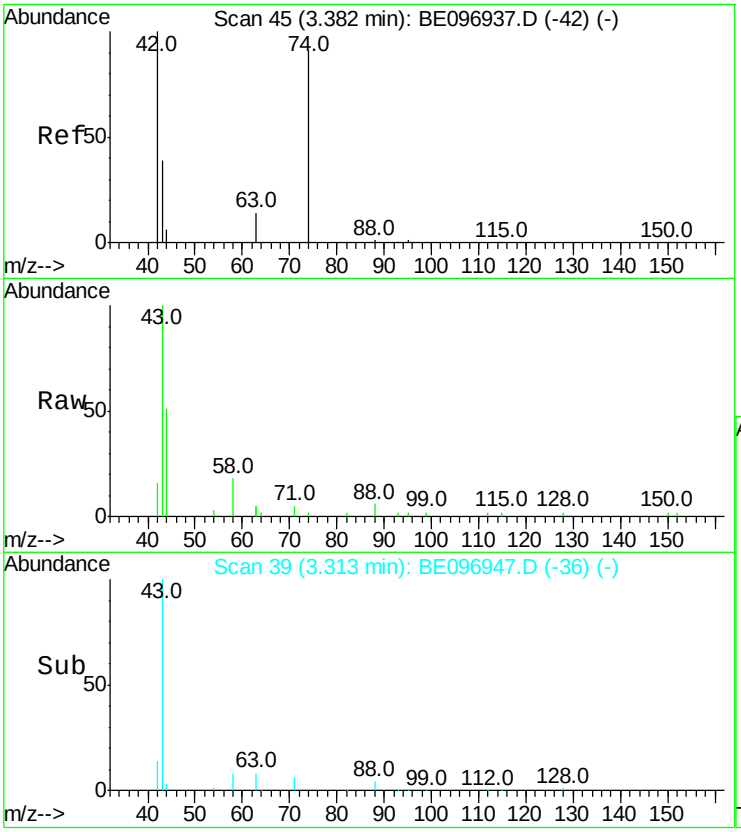


#2
1,4-Dioxane
Concen: 0.069 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion: 88 Resp: 200

Ion	Ratio	Lower	Upper
88	100		
58	121.0	63.2	94.8#
43	0.0	41.2	61.8#



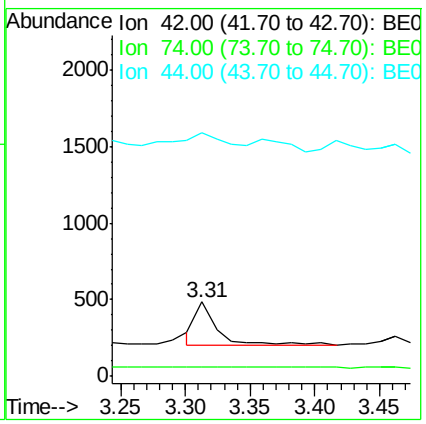


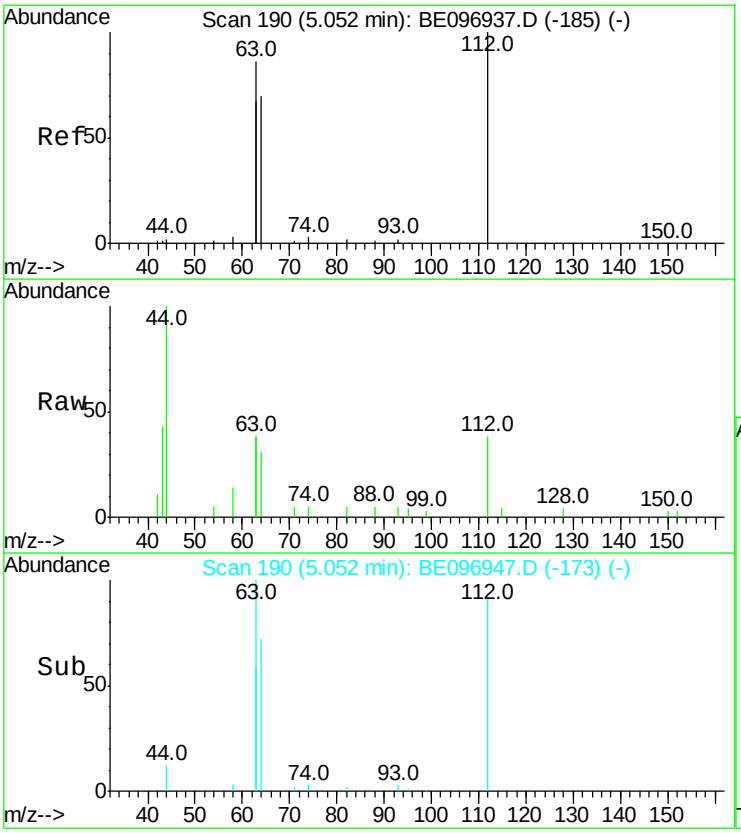
#3
n-Nitrosodimethylamine
Concen: 0.108 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.07 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 353

Ion	Ratio	Lower	Upper
42	100		
74	1.7	96.0	144.0#
44	0.0	12.0	18.0#

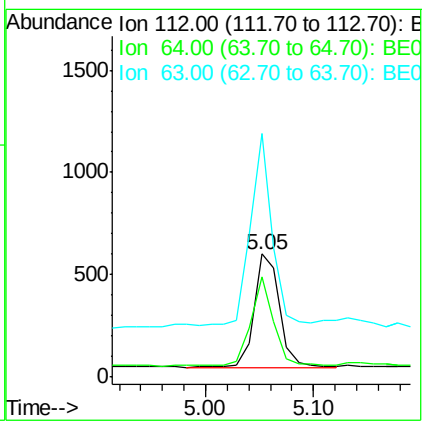


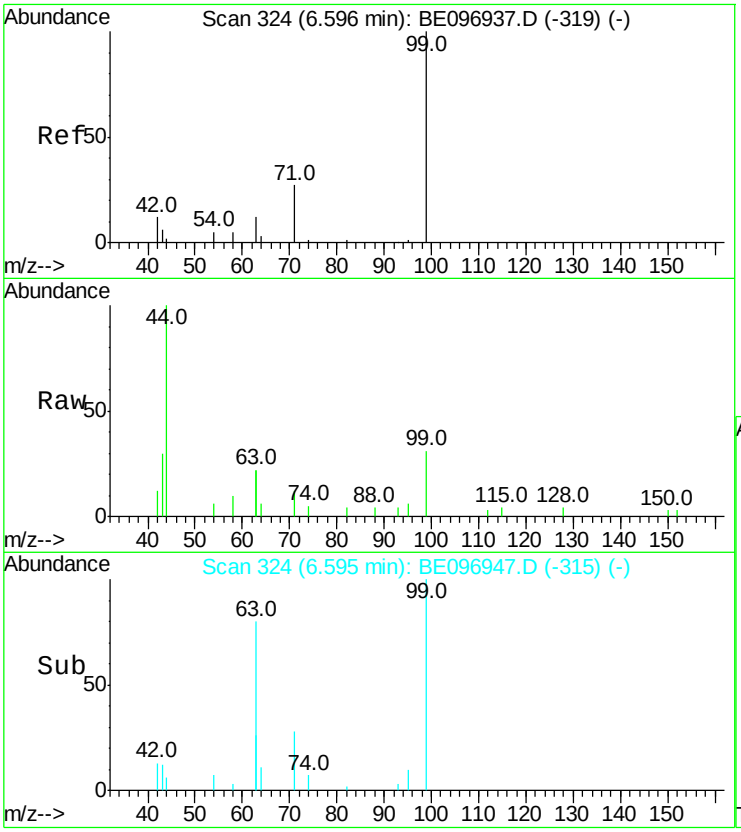


#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:112 Resp: 916

Ion	Ratio	Lower	Upper
112	100		
64	71.2	60.1	90.1
63	149.9	116.8	175.2



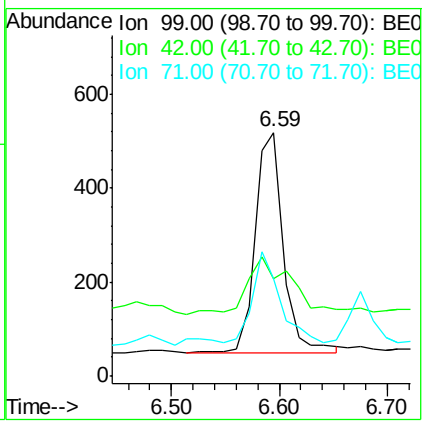


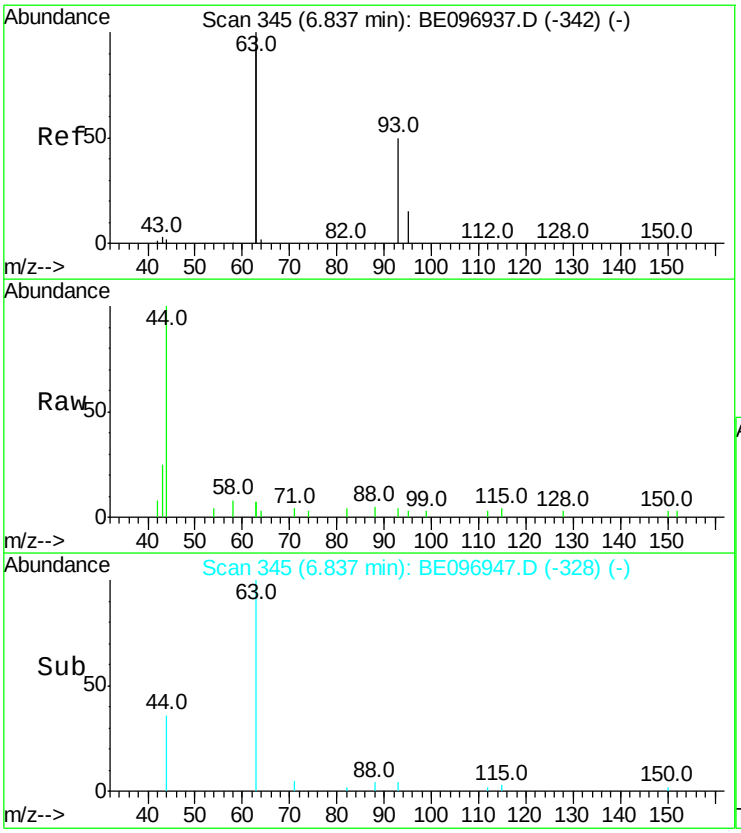
#5
Phenol-d6
Concen: 0.115 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 851

Ion	Ratio	Lower	Upper
99	100		
42	40.1	20.2	30.2#
71	40.3	28.4	42.6

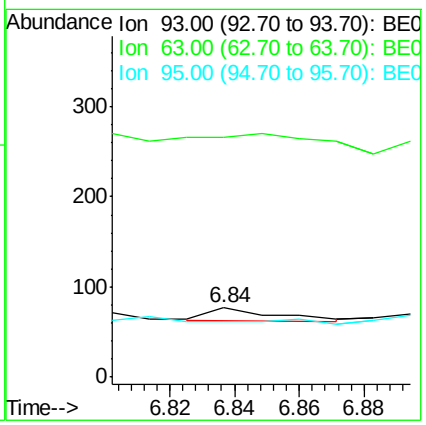


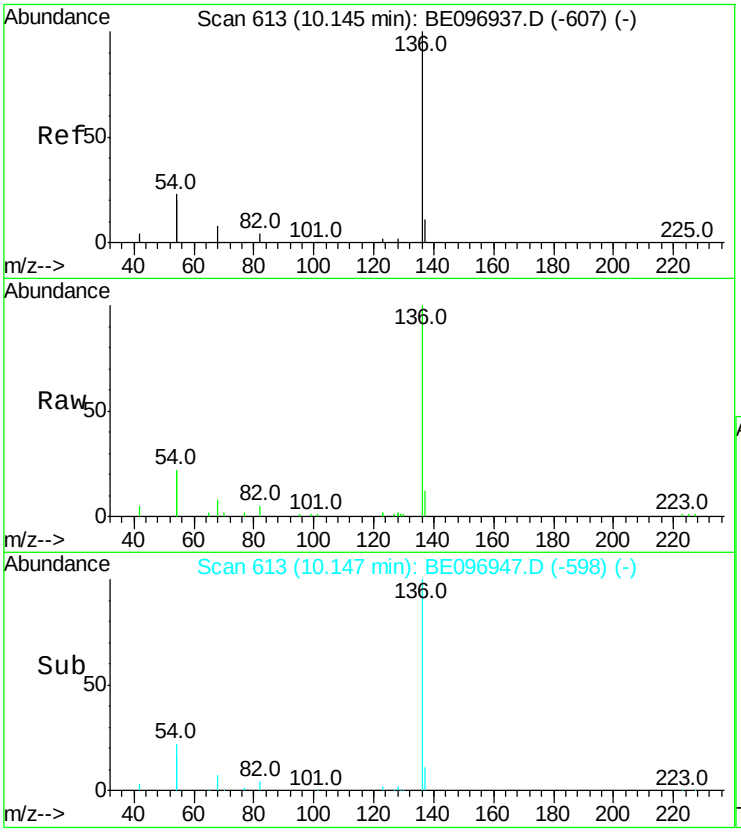


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion: 93 Resp: 21

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



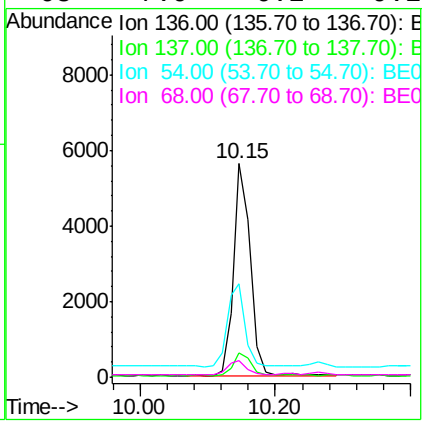


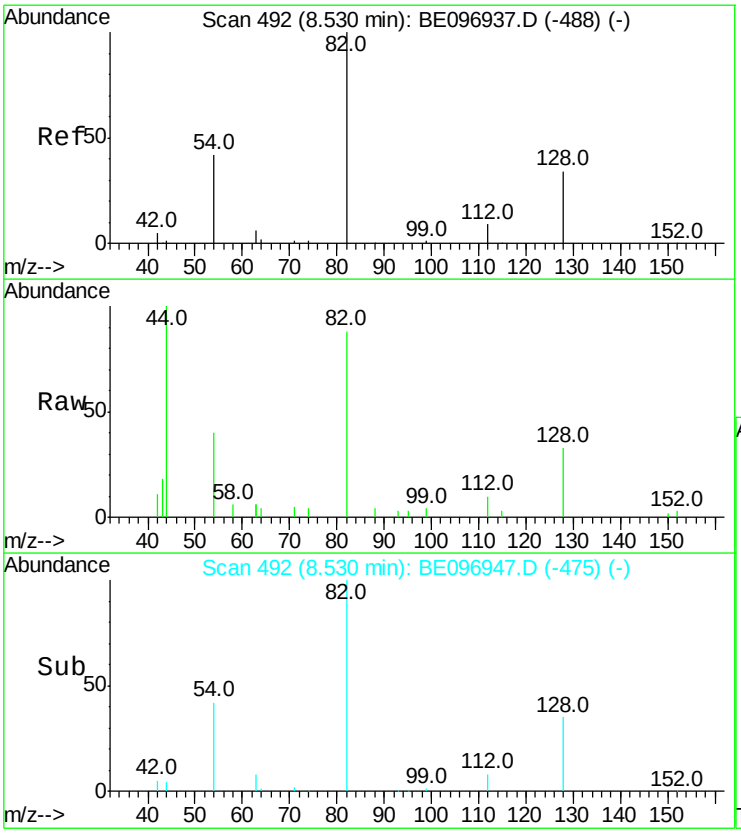
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 9730

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	43.5	29.1	43.7
68	7.9	6.2	9.2

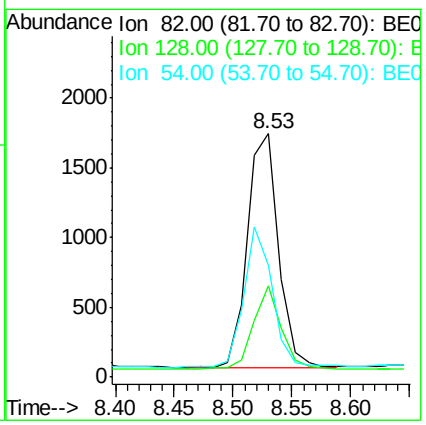


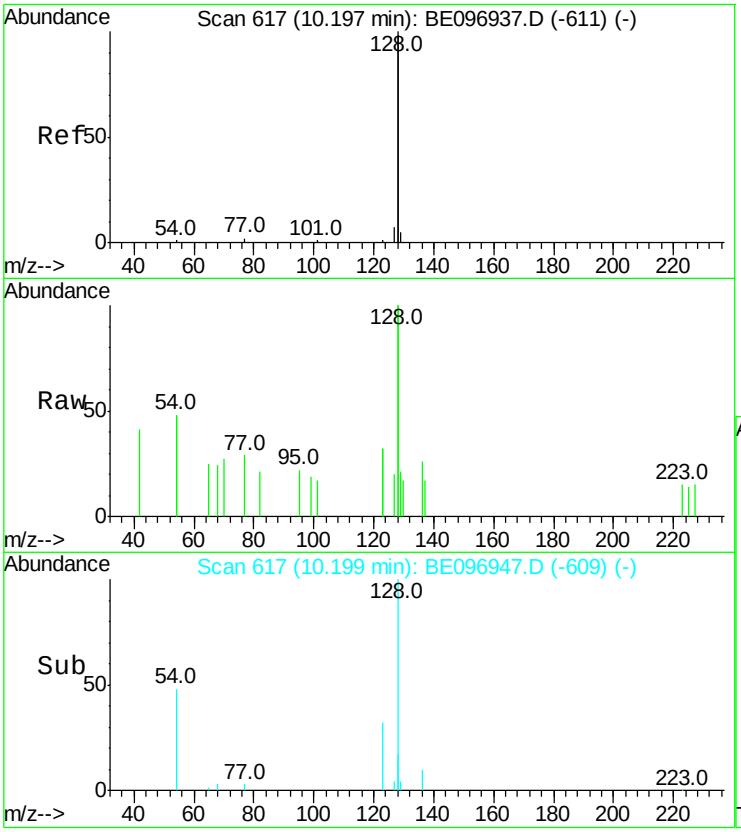


#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion: 82 Resp: 3088

Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.0	36.0#
54	45.7	40.0	60.0



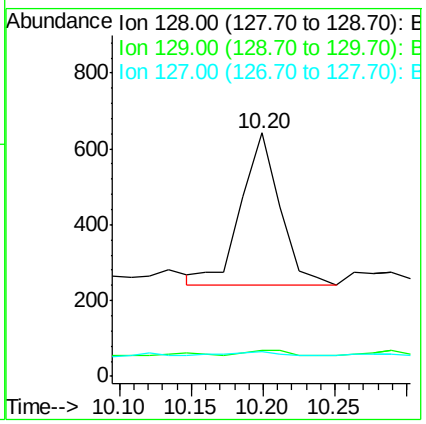


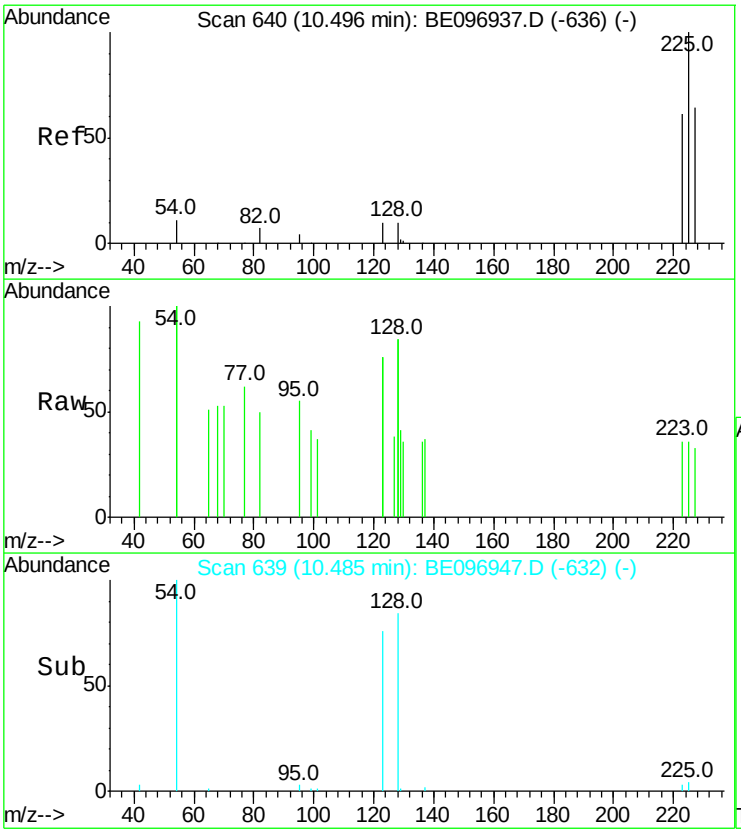
#9
Naphthalene
Concen: 0.009 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 755

Ion	Ratio	Lower	Upper
128	100		
129	10.6	2.6	3.8#
127	10.1	2.8	4.2#

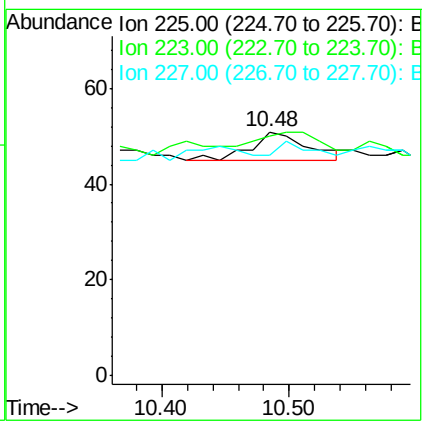


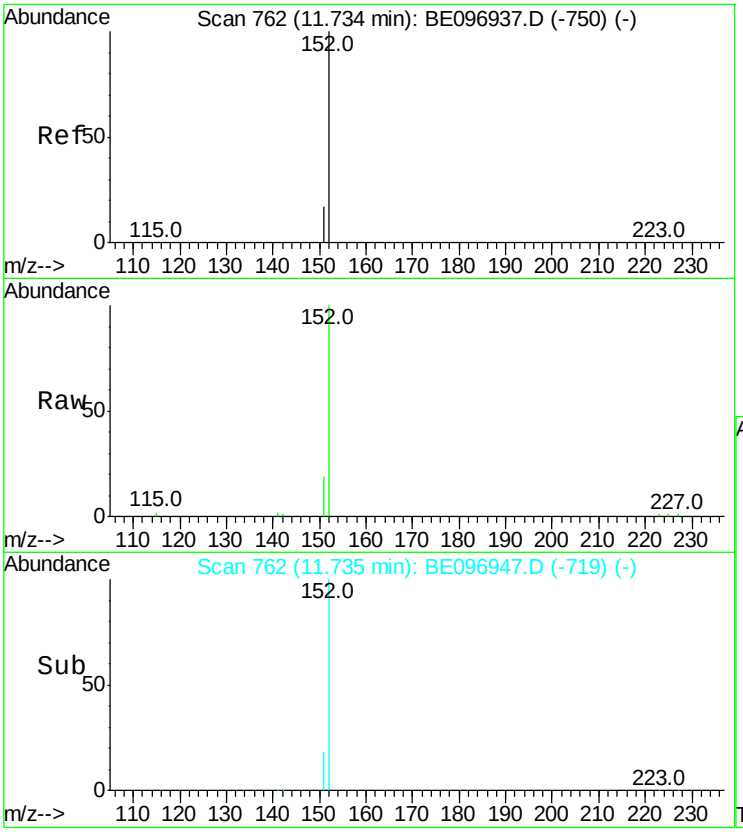


#10
Hexachlorobutadiene
Concen: 0.005 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:225 Resp: 18

Ion	Ratio	Lower	Upper
225	100		
223	66.7	53.0	79.6
227	22.2	51.4	77.2#



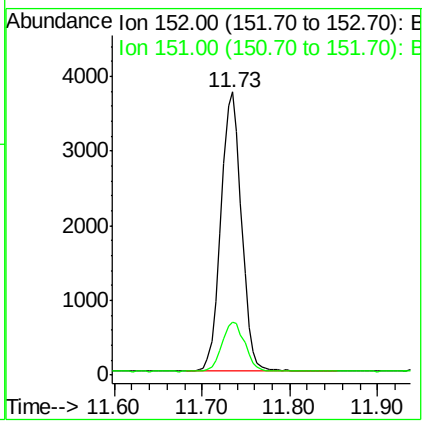


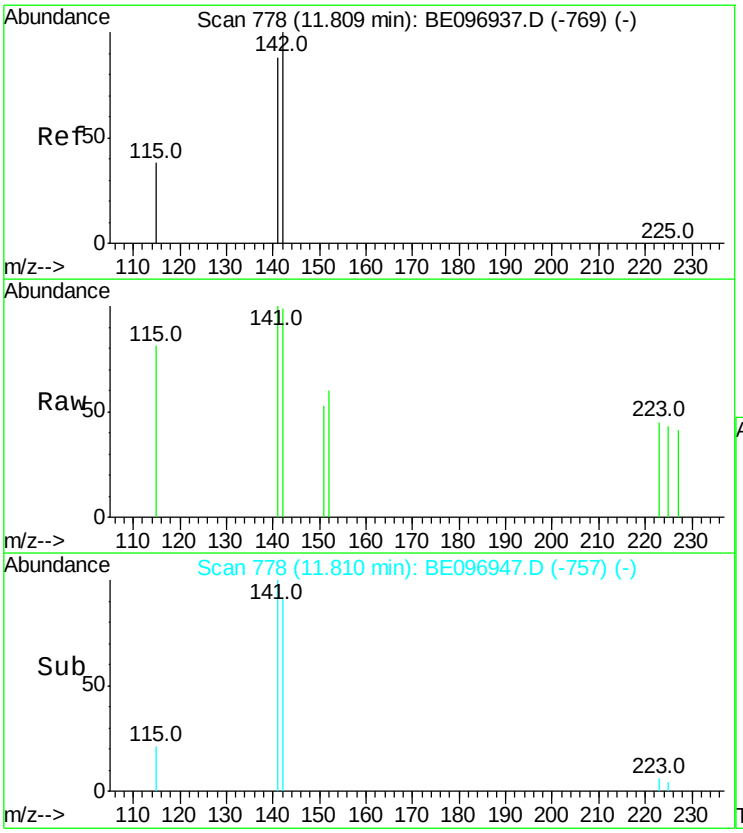
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6091

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

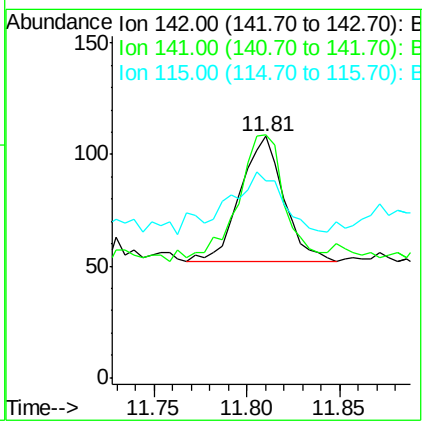


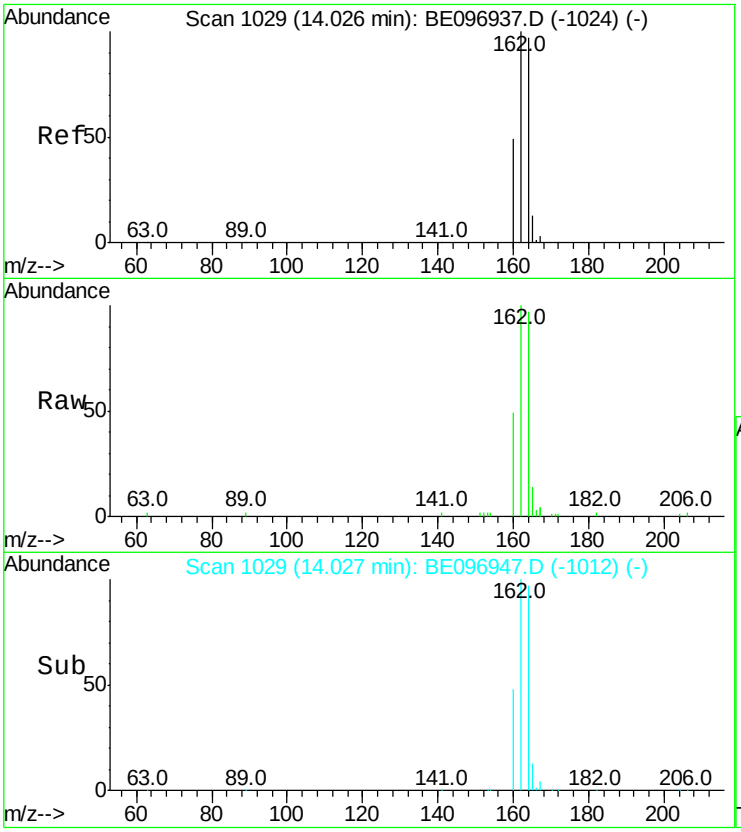


#12
2-Methylnaphthalene
Concen: 0.006 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:142 Resp: 91

Ion	Ratio	Lower	Upper
142	100		
141	100.9	70.4	105.6
115	81.5	31.7	47.5#



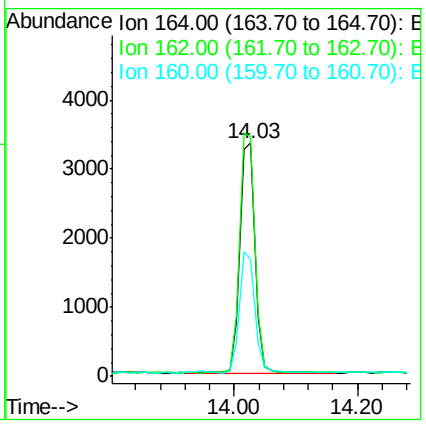


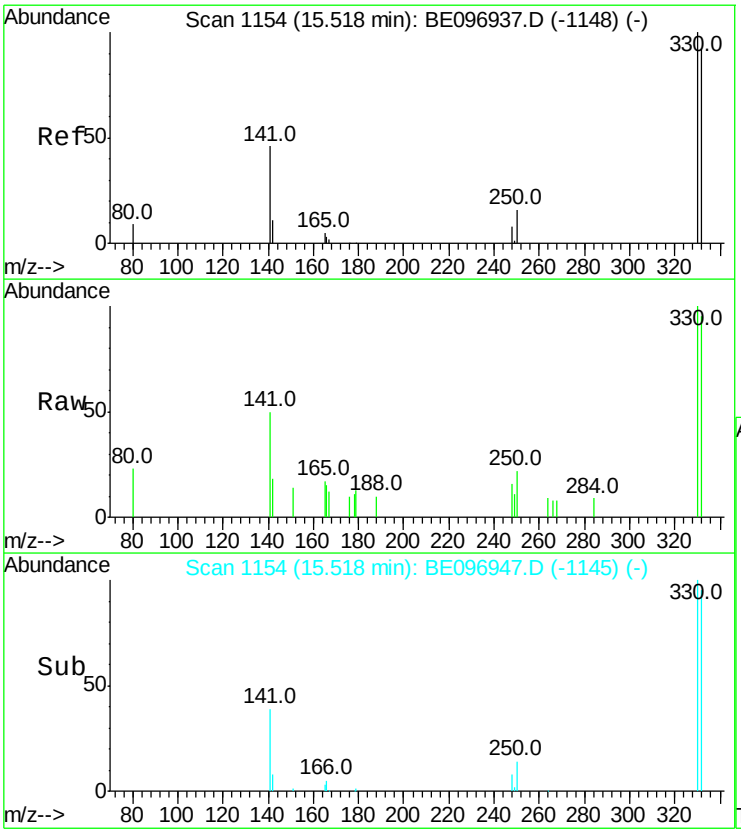
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5767

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.1	124.7
160	50.3	37.1	55.7

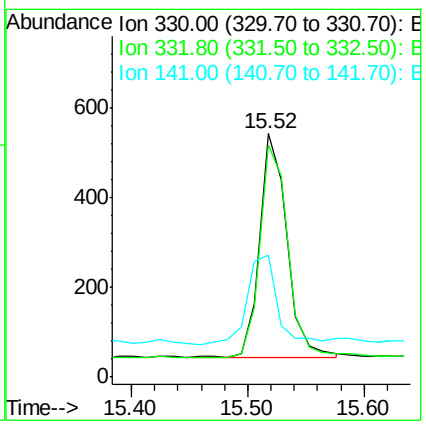


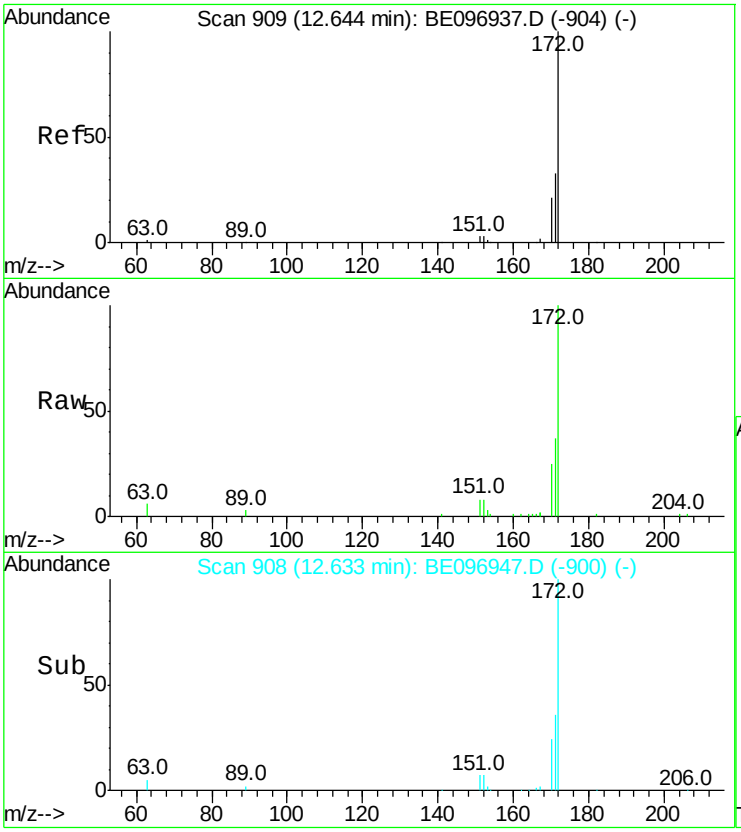


#14
2,4,6-Tribromophenol
Concen: 0.599 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:330 Resp: 815

Ion	Ratio	Lower	Upper
330	100		
332	96.4	152.7	229.1#
141	45.5	33.7	50.5



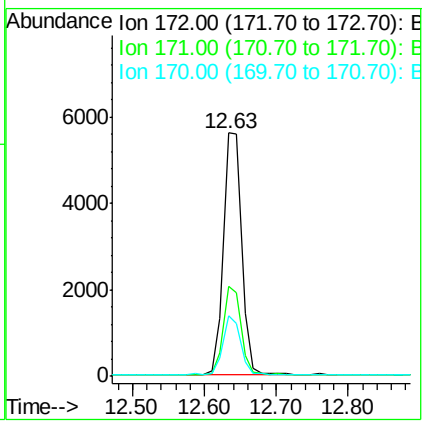


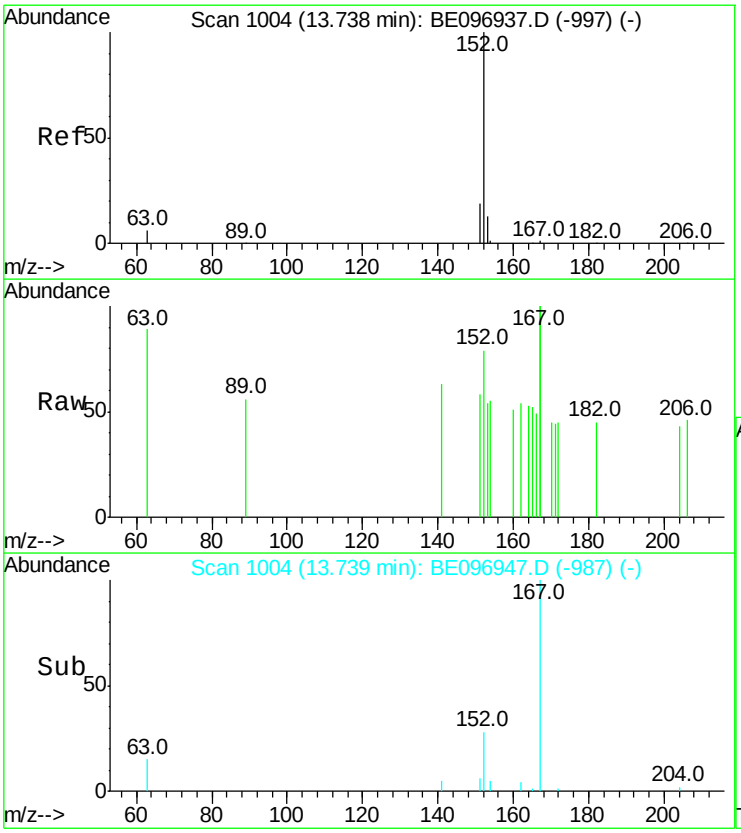
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9774

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	25.1	21.8	32.8

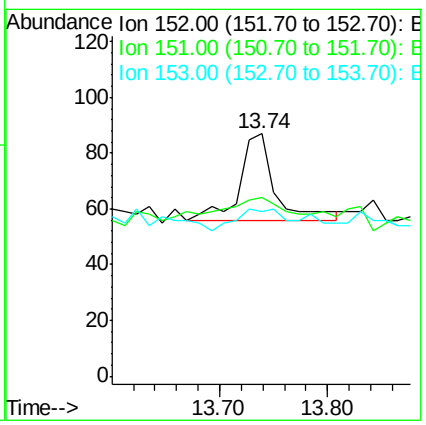


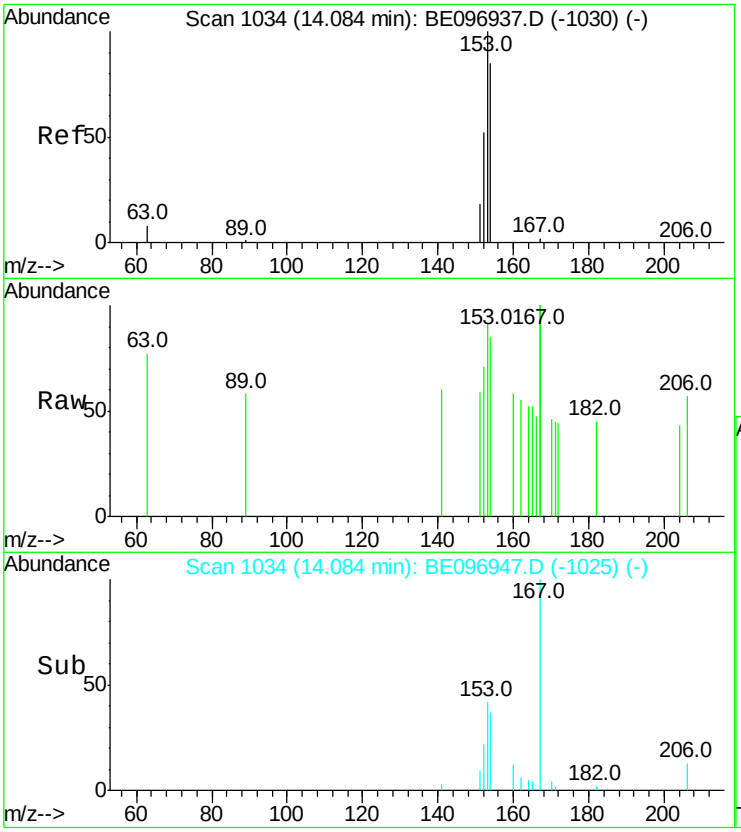


#16
Acenaphthylene
Concen: 0.003 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:152 Resp: 70

Ion	Ratio	Lower	Upper
152	100		
151	51.4	15.7	23.5#
153	37.1	10.5	15.7#



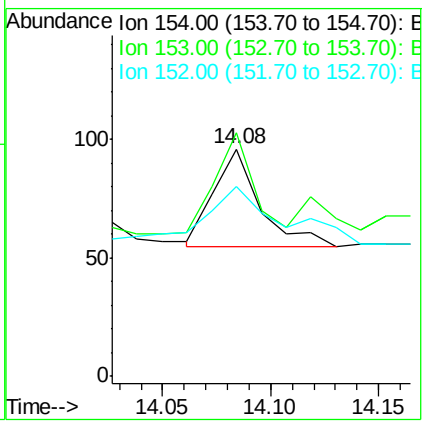


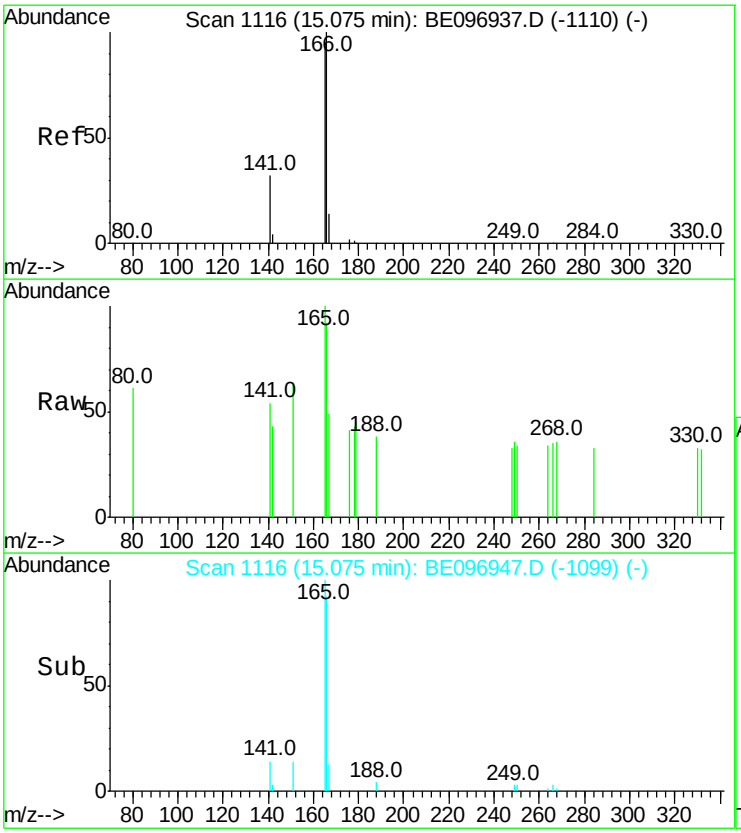
#17
Acenaphthene
Concen: 0.004 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 61

Ion	Ratio	Lower	Upper
154	100		
153	86.9	89.2	133.8#
152	96.7	42.0	63.0#

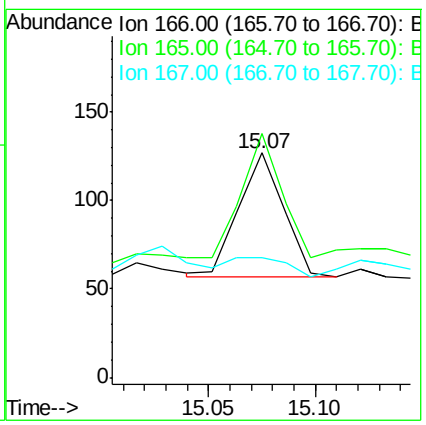


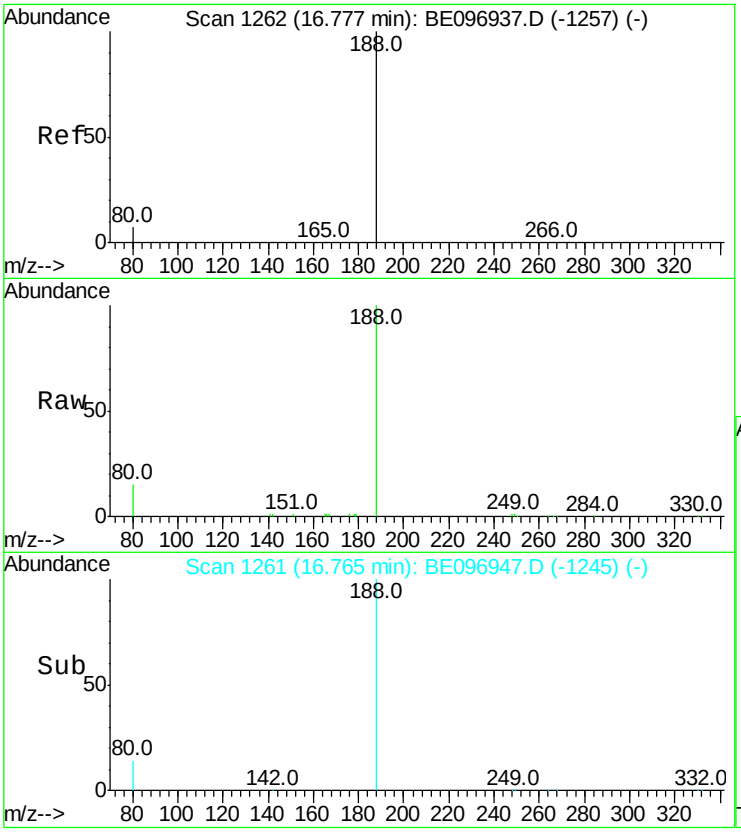


#18
Fluorene
Concen: 0.006 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:166 Resp: 102

Ion	Ratio	Lower	Upper
166	100		
165	111.8	77.8	116.6
167	20.6	42.4	63.6#



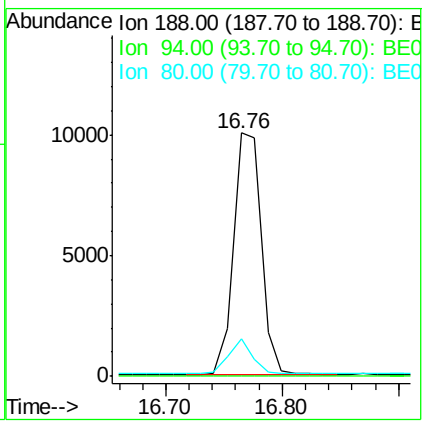


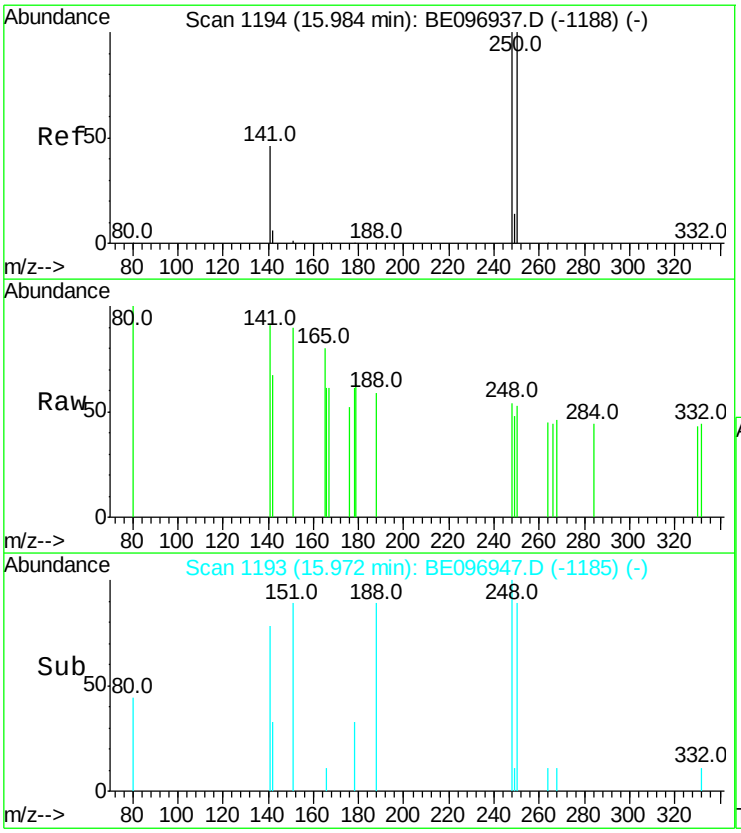
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 16747

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.4	3.6	5.4#

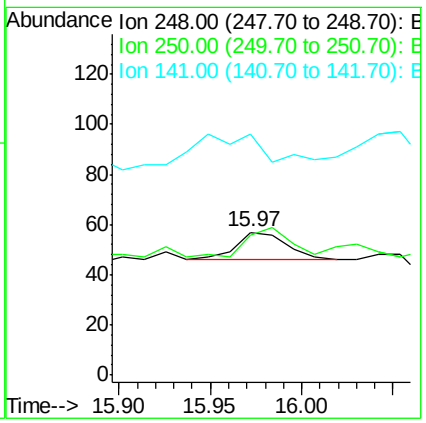


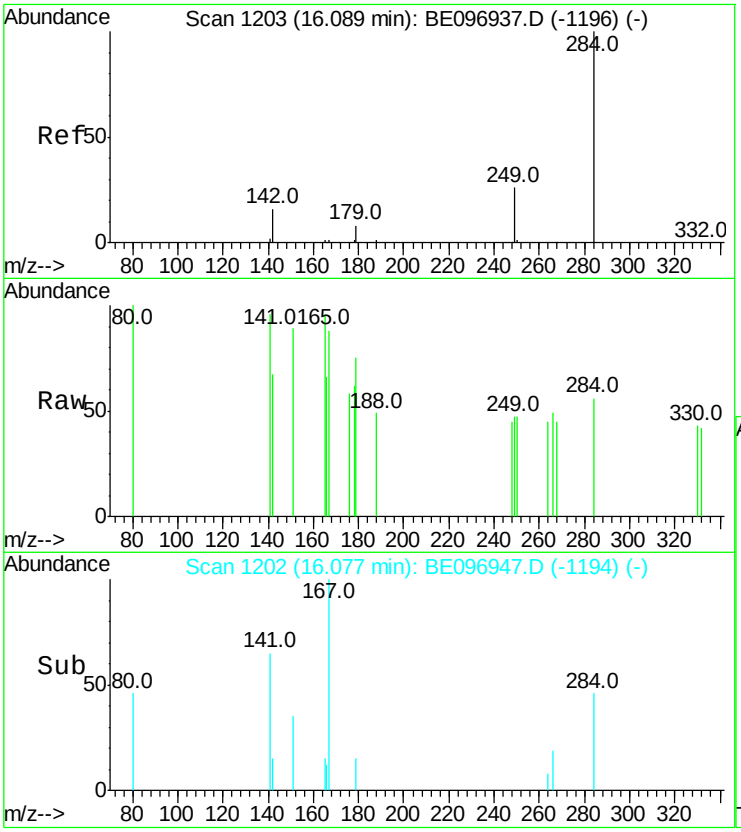


#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:248 Resp: 21

Ion	Ratio	Lower	Upper
248	100		
250	98.2	62.7	94.1#
141	168.4	48.2	72.2#



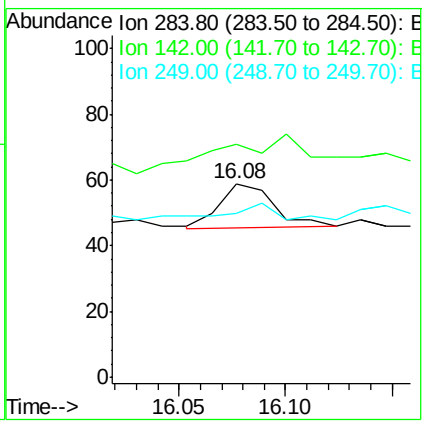


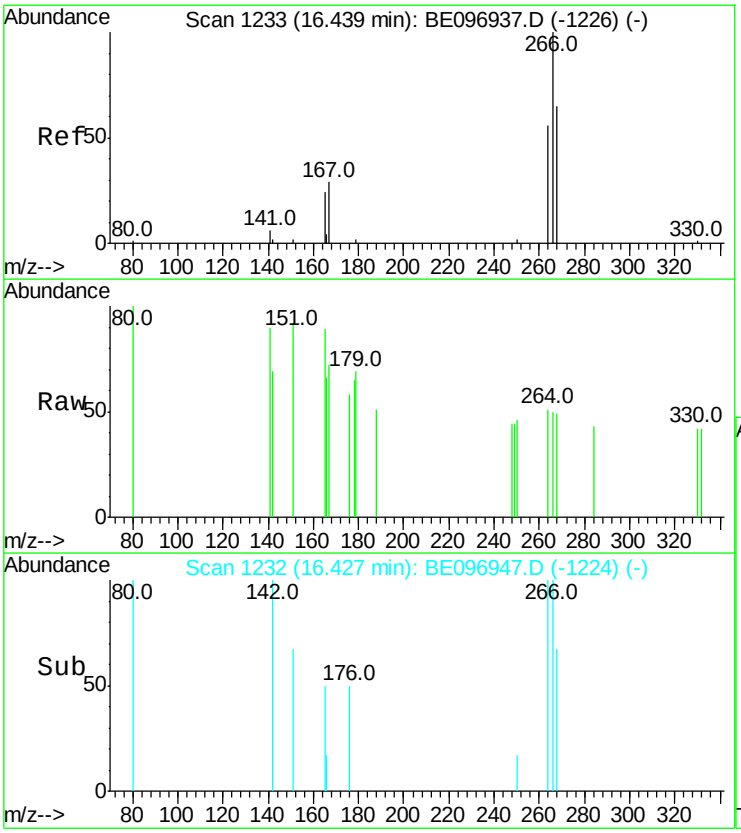
#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 24

Ion	Ratio	Lower	Upper
284	100		
142	112.5	22.1	33.1#
249	33.3	34.8	52.2#

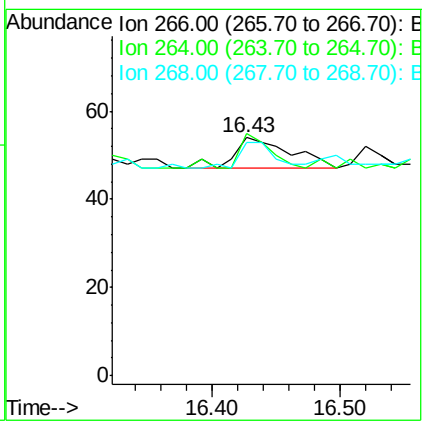


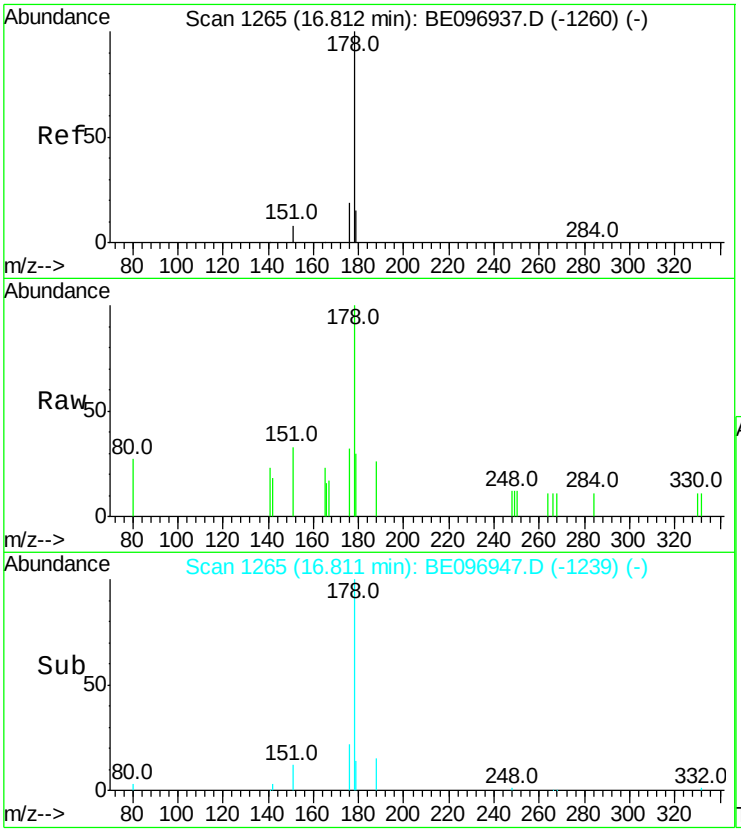


#22
Pentachlorophenol
Concen: Below Cal
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	101.9	72.5	108.7
268	98.1	73.8	110.6



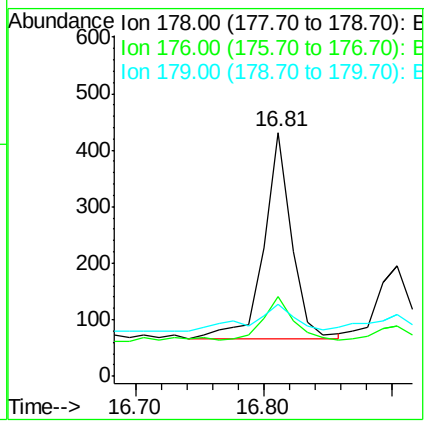


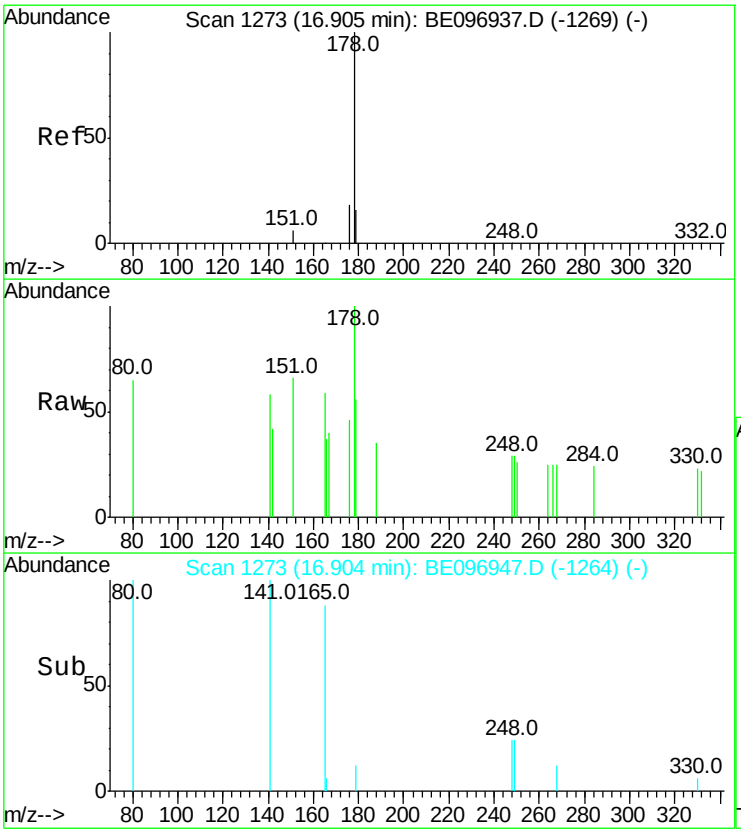
#23
Phenanthrene
Concen: 0.014 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 550

Ion	Ratio	Lower	Upper
178	100		
176	24.0	15.1	22.7#
179	19.6	11.8	17.6#

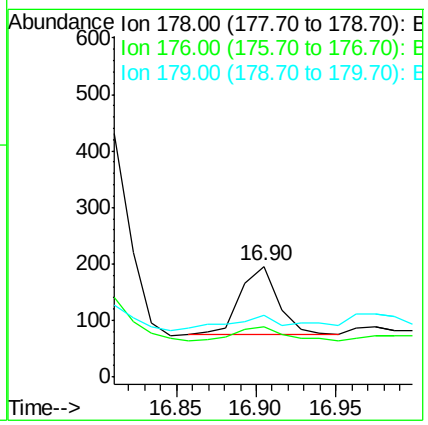


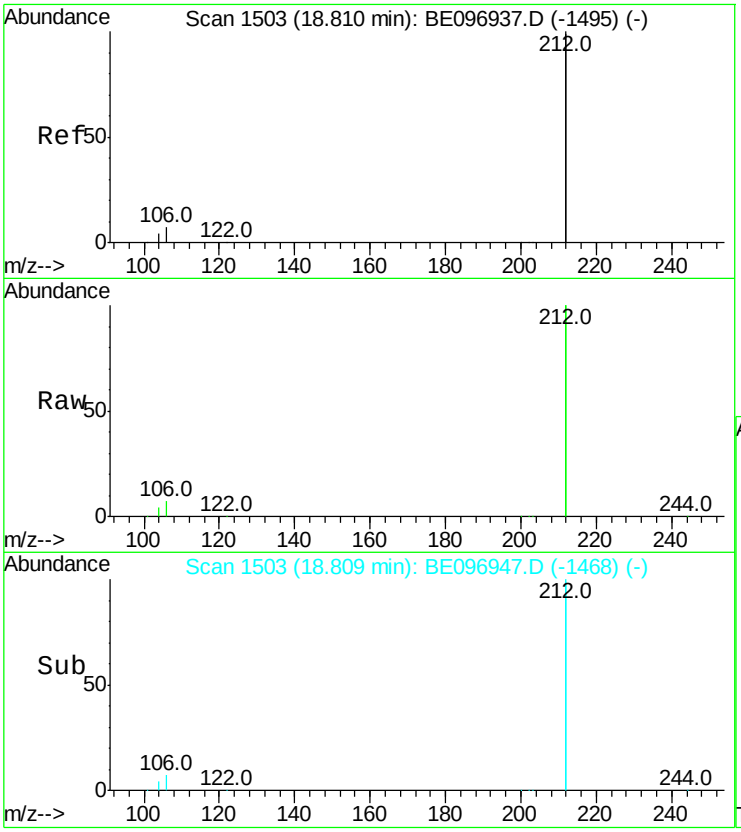


#24
Anthracene
Concen: 0.006 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:178 Resp: 200

Ion	Ratio	Lower	Upper
178	100		
176	23.5	12.8	19.2#
179	33.0	13.0	19.6#



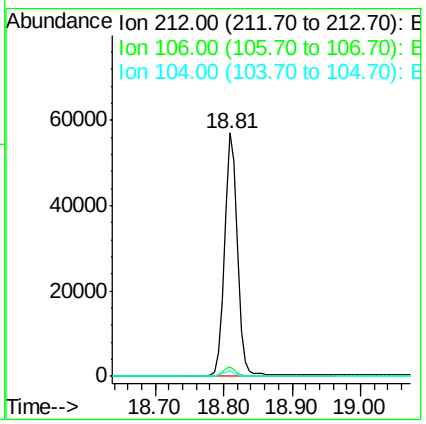


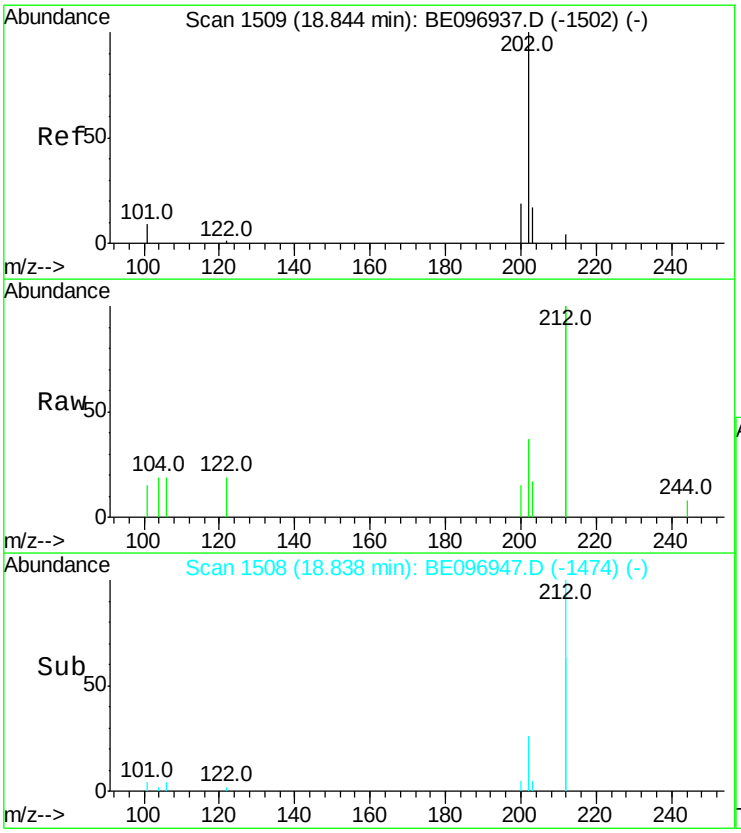
#25
Fluoranthene-d10
Concen: 0.515 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 75100

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

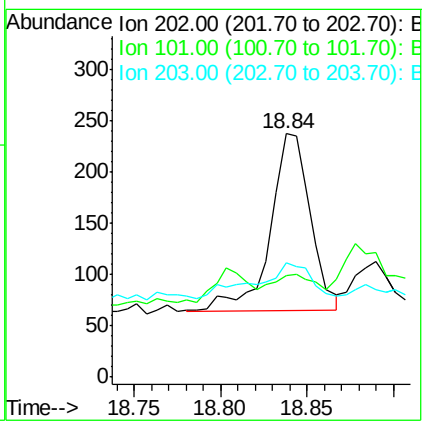


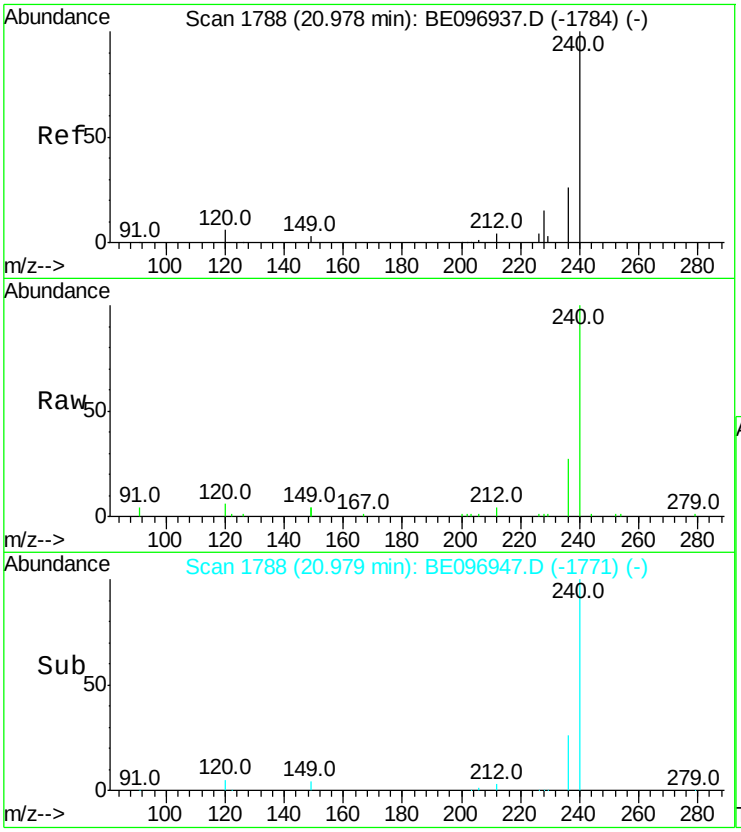


#26
Fluoranthene
Concen: 0.007 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:202 Resp: 282

Ion	Ratio	Lower	Upper
202	100		
101	7.1	9.8	14.8#
203	27.0	13.7	20.5#



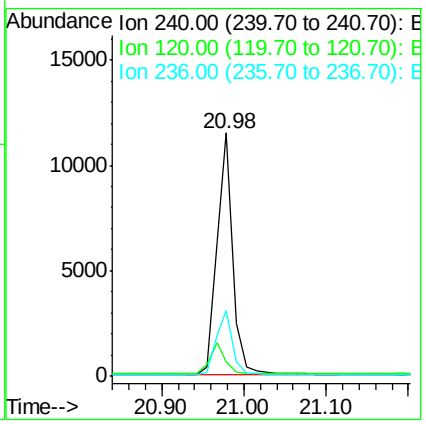


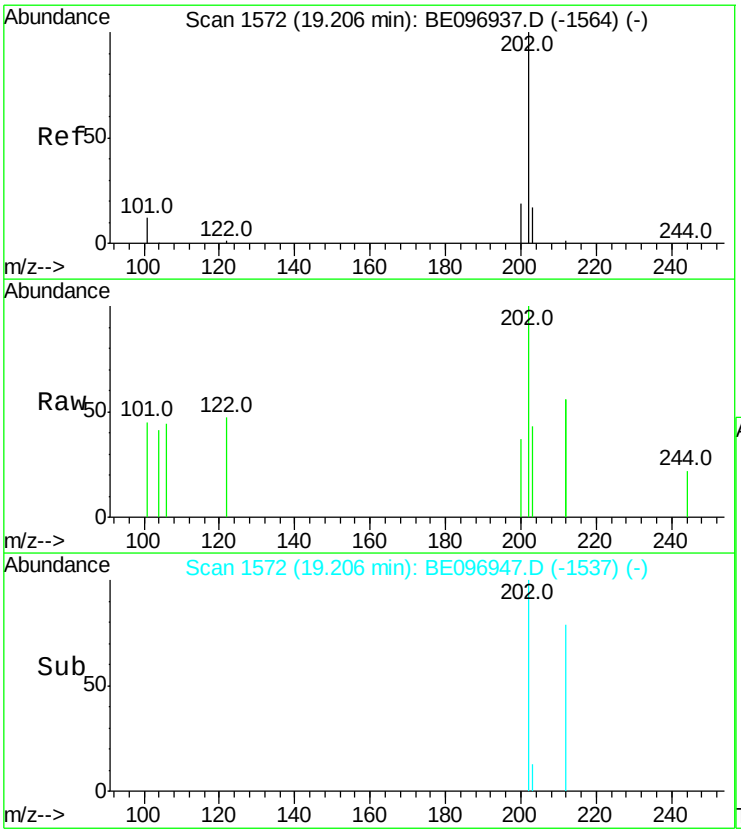
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15732

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.5	8.3
236	26.8	20.7	31.1

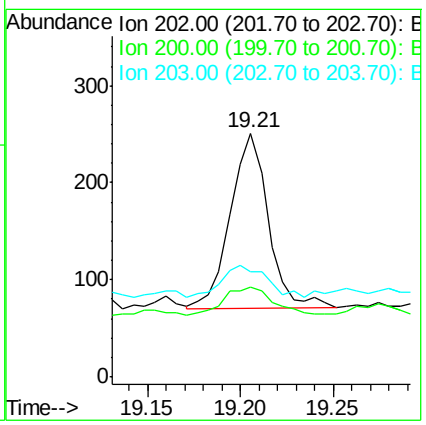


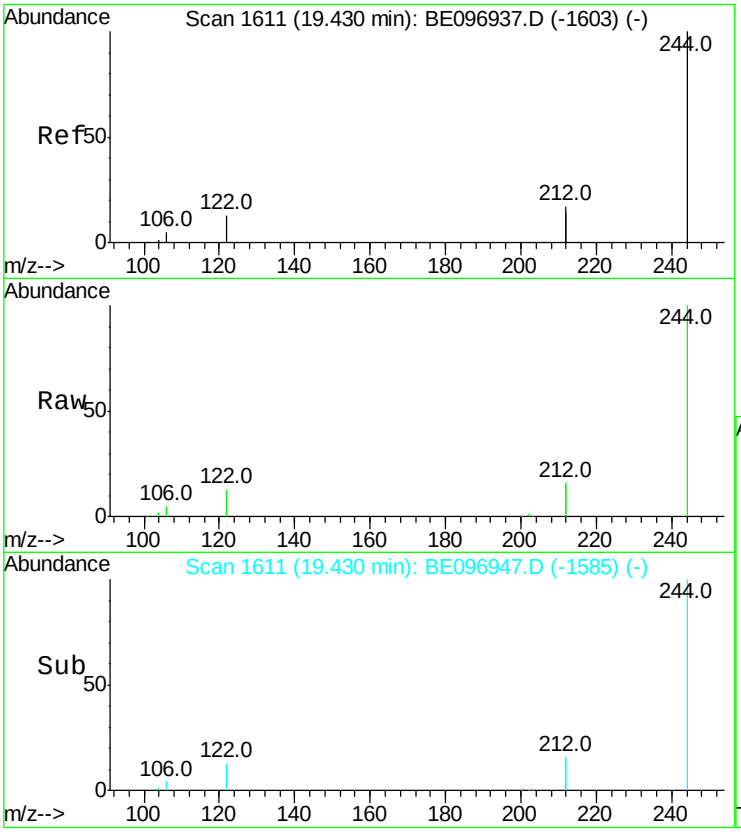


#28
Pyrene
Concen: 0.006 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:202 Resp: 258

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	20.9	13.8	20.8#



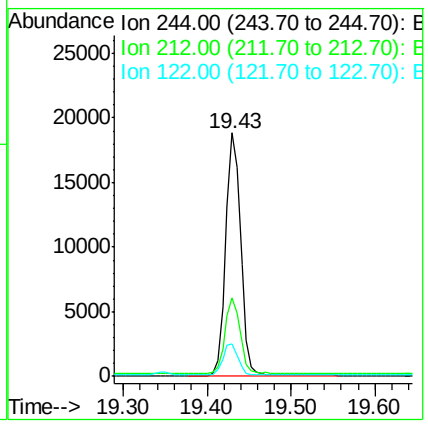


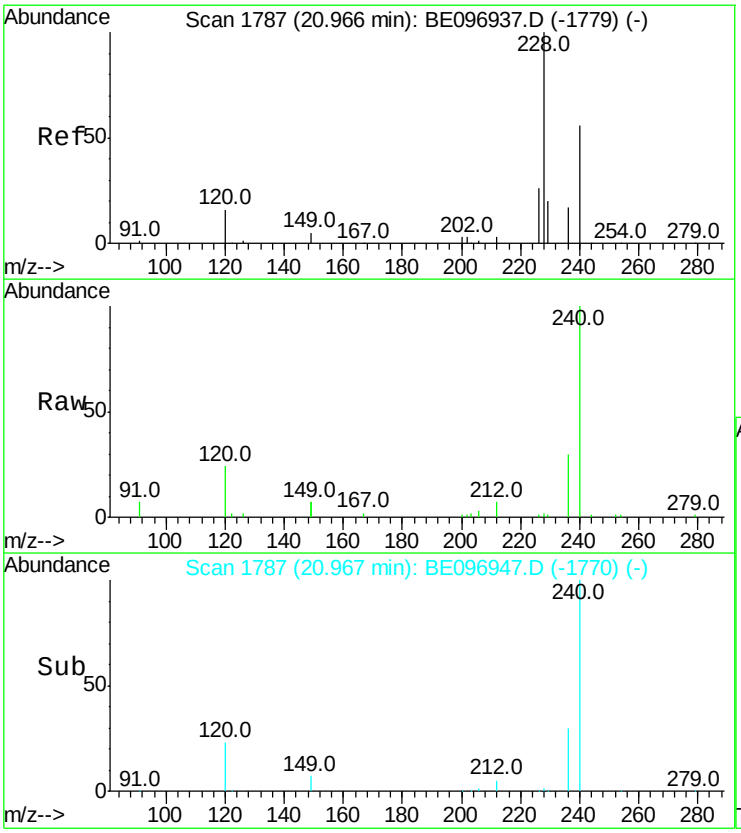
#29
Terphenyl-d14
Concen: 0.774 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 23478

Ion	Ratio	Lower	Upper
244	100		
212	32.1	25.4	38.0
122	13.3	8.1	12.1#

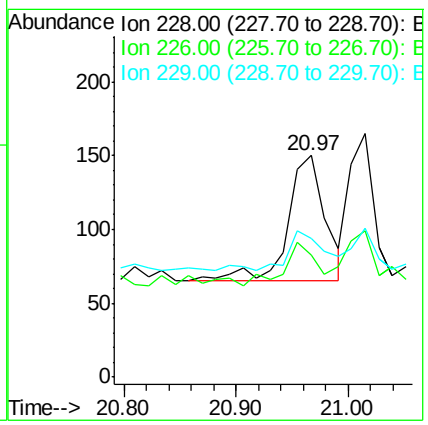


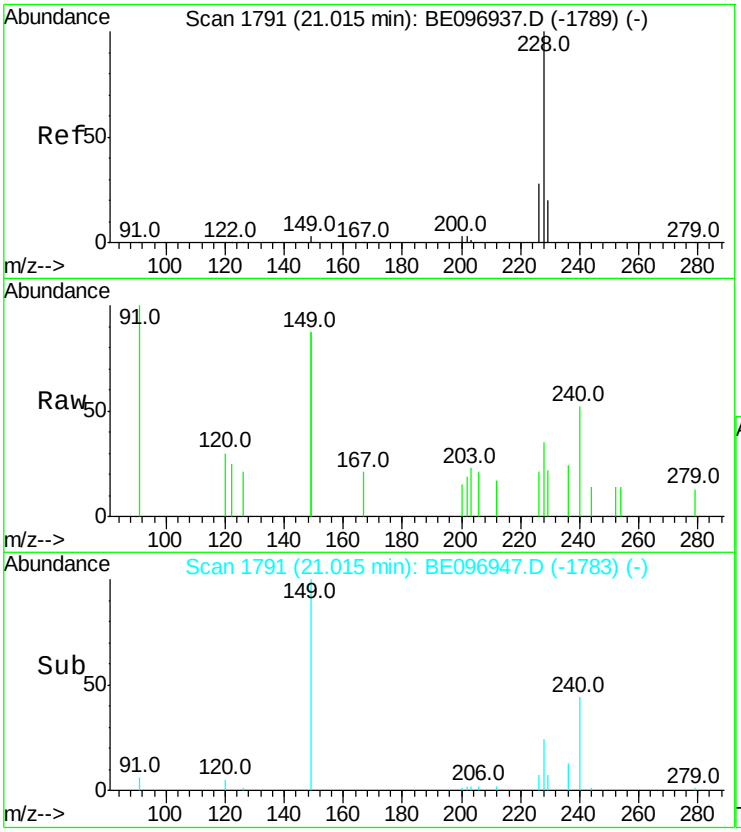


#30
Benzo(a)anthracene
Concen: 0.005 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:228 Resp: 198

Ion	Ratio	Lower	Upper
228	100		
226	55.3	24.0	36.0#
229	62.7	16.0	24.0#



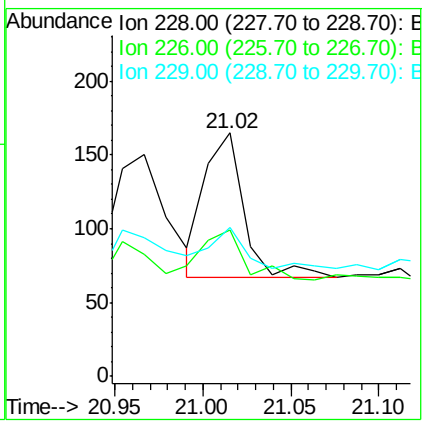


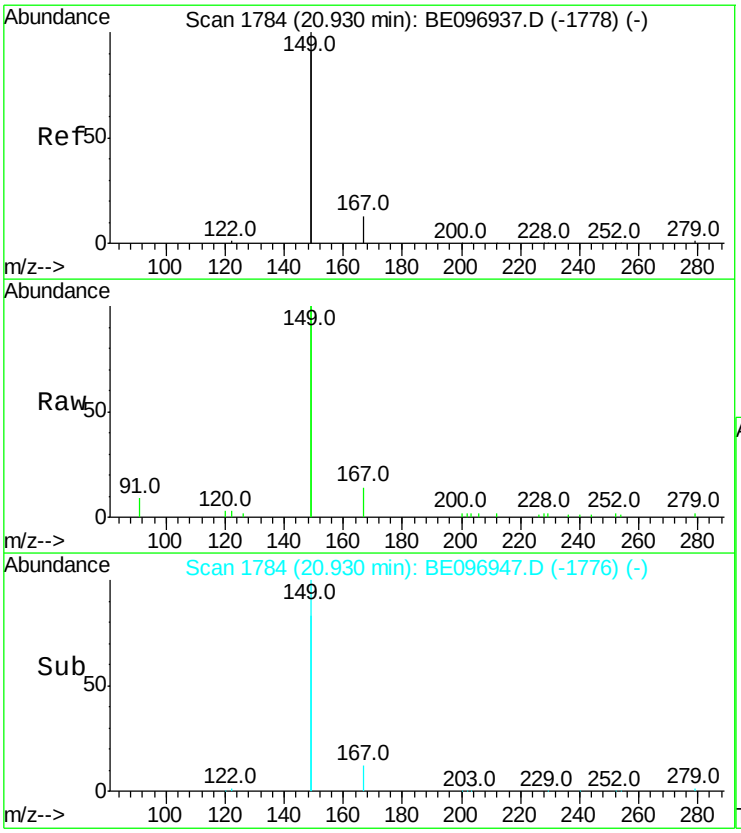
#31
Chrysene
Concen: 0.004 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 152

Ion	Ratio	Lower	Upper
228	100		
226	60.0	24.0	36.0#
229	61.2	16.0	24.0#

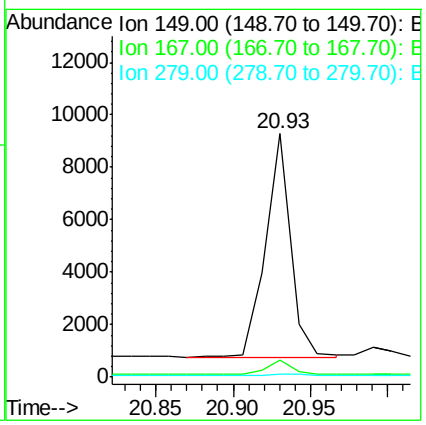


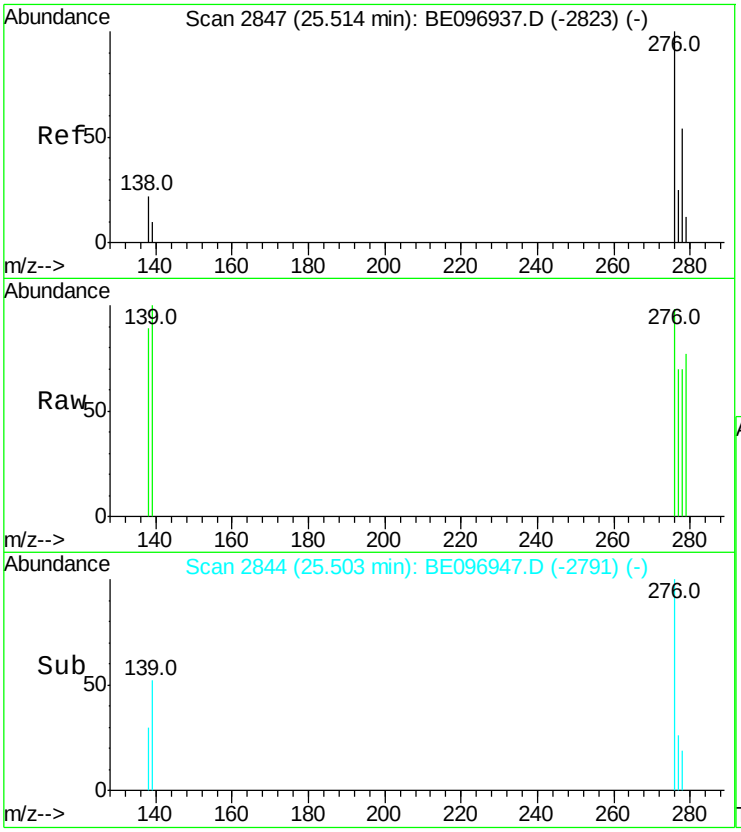


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.263 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:149 Resp: 9839

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



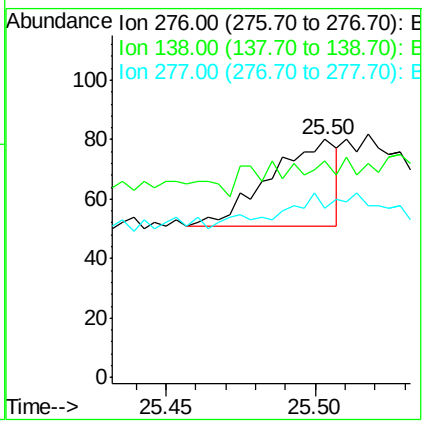


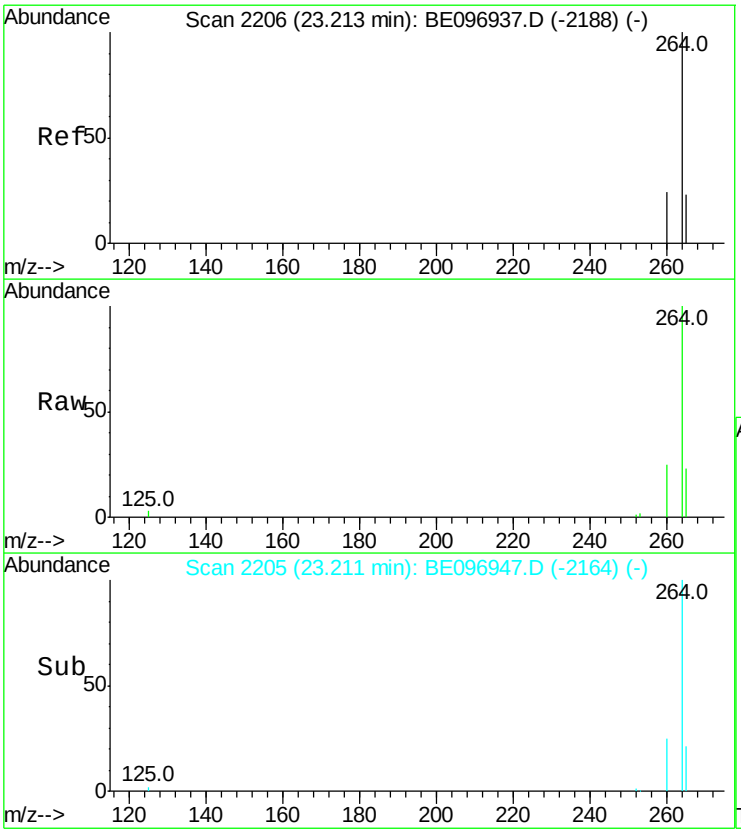
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.50 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 45

Ion	Ratio	Lower	Upper
276	100		
138	2.2	22.5	33.7#
277	11.1	19.9	29.9#

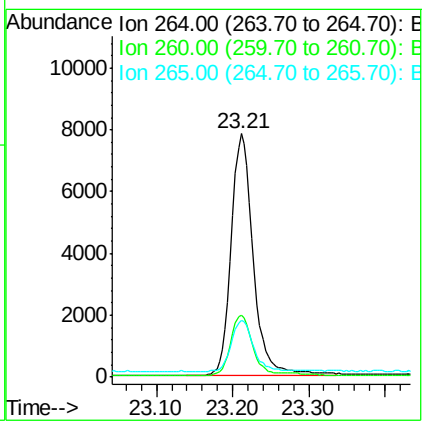


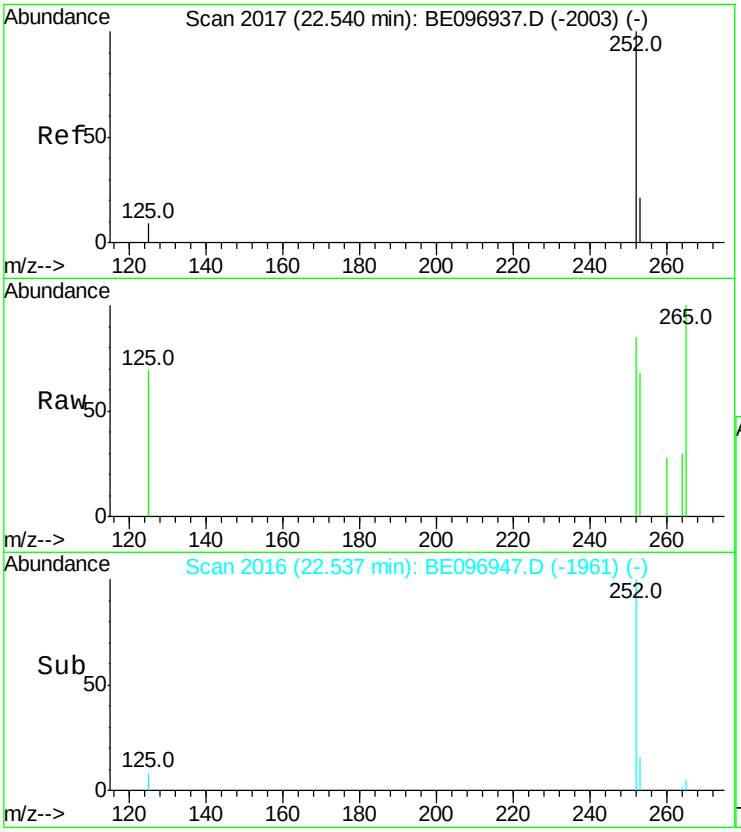


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:264 Resp: 15879

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	23.2	22.8	34.2



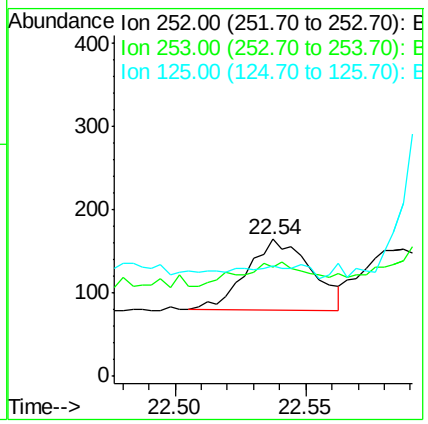


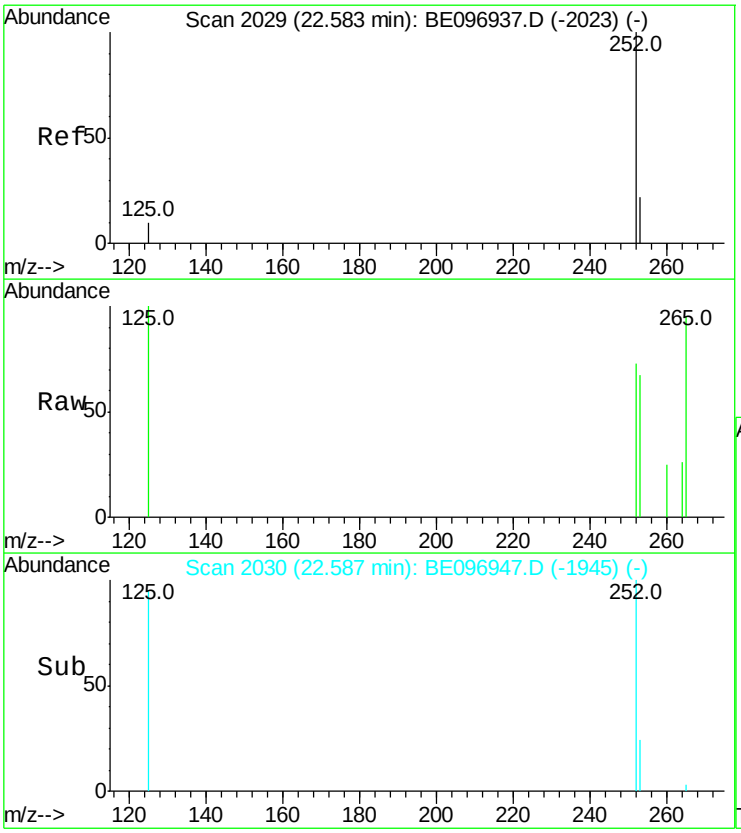
#35
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 145

Ion	Ratio	Lower	Upper
252	100		
253	79.9	20.0	30.0#
125	81.1	16.0	24.0#

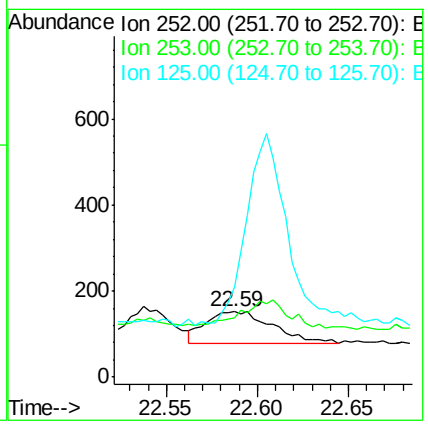


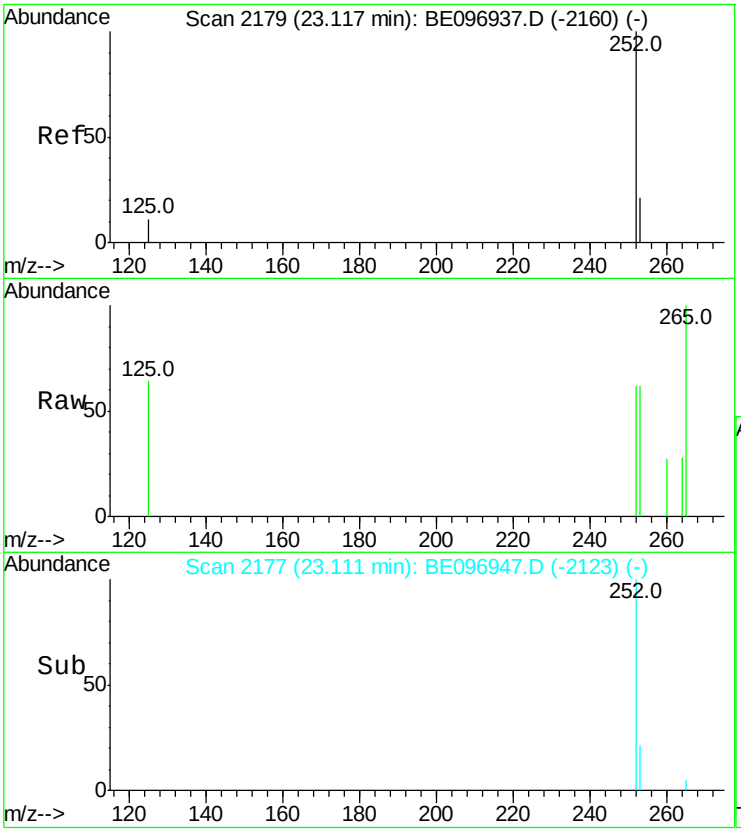


#36
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:252 Resp: 190

Ion	Ratio	Lower	Upper
252	100		
253	91.4	16.0	24.0#
125	136.8	8.0	12.0#



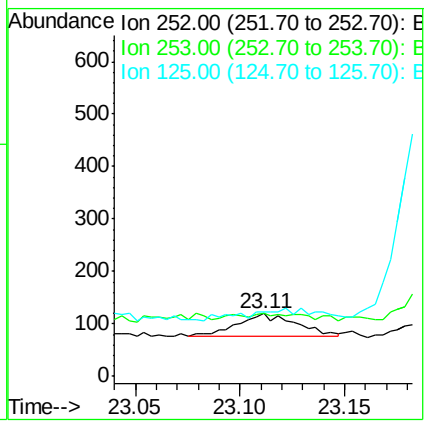


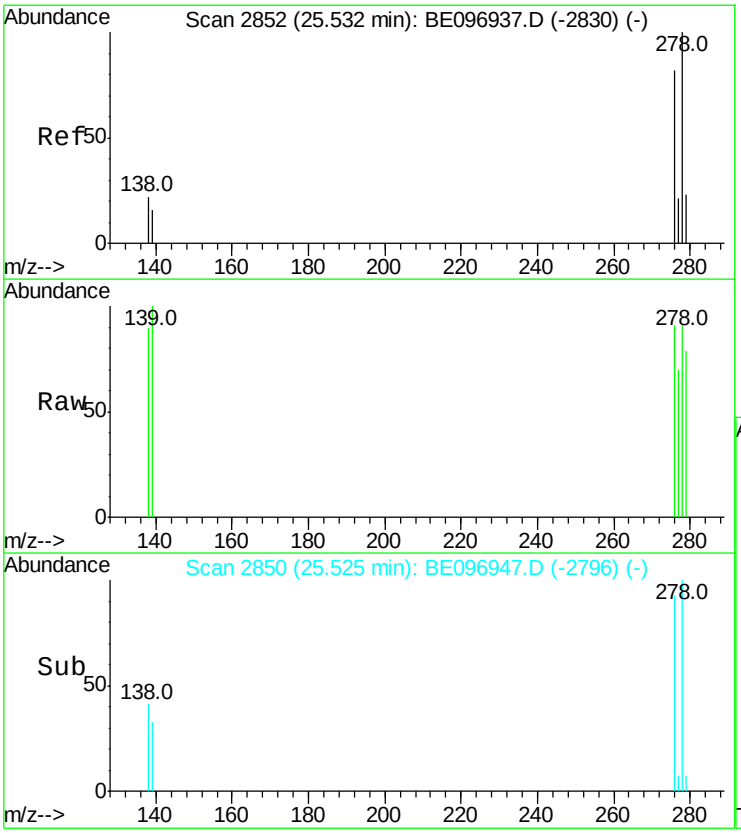
#37
Benzo(a)pyrene
Concen: 0.103 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 83

Ion	Ratio	Lower	Upper
252	100		
253	100.0	16.0	24.0#
125	103.3	12.0	18.0#

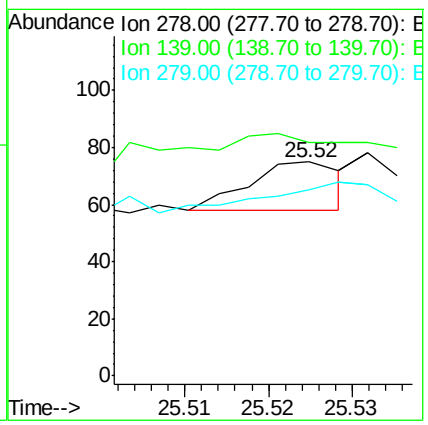


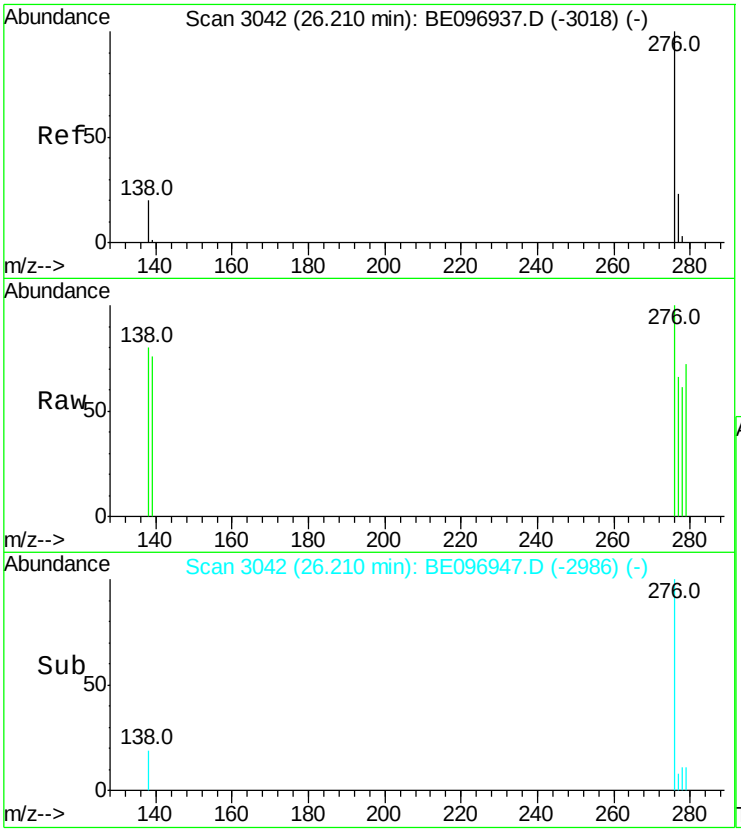


#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.52 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Tgt Ion:278 Resp: 13

Ion	Ratio	Lower	Upper
278	100		
139	109.3	16.0	24.0#
279	86.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.004 ng
RT: 26.21 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BE096947.D
Acq: 16 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 118

Ion	Ratio	Lower	Upper
276	100		
277	65.5	16.0	24.0#
138	80.5	20.0	30.0#