Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096946.D
Acq On : 16 Jul 2018 20:09
Operator : SJ/JU
Sample : J3170-14DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 16:42:38 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	2121	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	11233	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	6196	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	14990	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	11692	0.40	ng		0.00
34) Perylene-d12	23.21	264	11939	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	213	0.04	ng		0.00
5) Phenol-d6	6.59	99	205	0.03	ng		-0.01
8) Nitrobenzene-d5	8.53	82	799	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	1567	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	126	0.13	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	2322	0.10	ng		0.00
25) Fluoranthene-d10	18.81	212	13128	0.10	ng		0.00
29) Terphenyl-d14	19.43	244	4615	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	4830	1.591	ng	#	90
6) bis(2-Chloroethyl)ether	6.84	93	53	0.007	ng	#	56
9) Naphthalene	10.20	128	1406	0.014	ng	#	87
10) Hexachlorobutadiene	10.45	225	3	0.001	ng	#	1
12) 2-Methylnaphthalene	11.81	142	108	0.006	ng	#	80
16) Acenaphthylene	13.74	152	23	0.001	ng	#	61
17) Acenaphthene	14.08	154	9	0.001	ng	#	1
18) Fluorene	15.08	166	46	0.002	ng	#	79
20) 4-Bromophenyl-phenylether	15.94	248	6	0.001	ng	#	52
21) Hexachlorobenzene	16.08	284	8	0.001	ng	#	1
22) Pentachlorophenol	16.45	266	15	Below Cal			98
23) Phenanthrene	16.81	178	180	0.005	ng	#	68
24) Anthracene	16.91	178	13	0.000	ng	#	62
26) Fluoranthene	18.84	202	66	0.002	ng		97
28) Pyrene	19.21	202	44	0.001	ng		95
30) Benzo(a)anthracene	20.98	228	127	0.005	ng	#	9
31) Chrysene	20.98	228	96	0.003	ng	#	9
32) Bis(2-ethylhexyl)phthalate	20.93	149	1280	0.046	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	3	0.000	ng	#	1
35) Benzo(b)fluoranthene	22.54	252	30	0.001	ng	#	1
36) Benzo(k)fluoranthene	22.54	252	30	0.001	ng	#	1
37) Benzo(a)pyrene	23.11	252	20	0.102	ng	#	1
38) Dibenzo(a,h)anthracene	25.52	278	4	0.118	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	4	0.000	ng	#	1

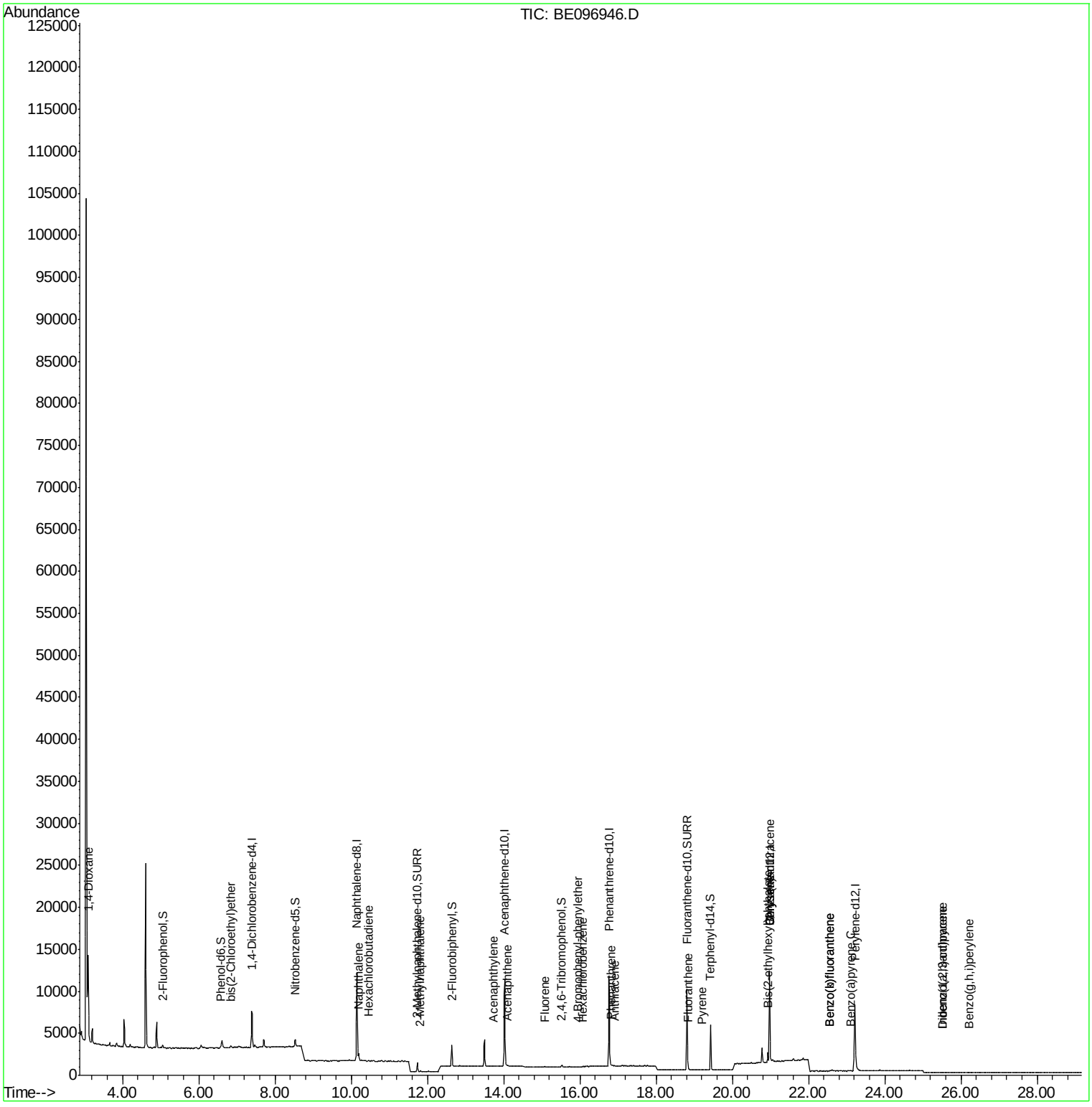
(#) = qualifier out of range (m) = manual integration (+) = signals summed

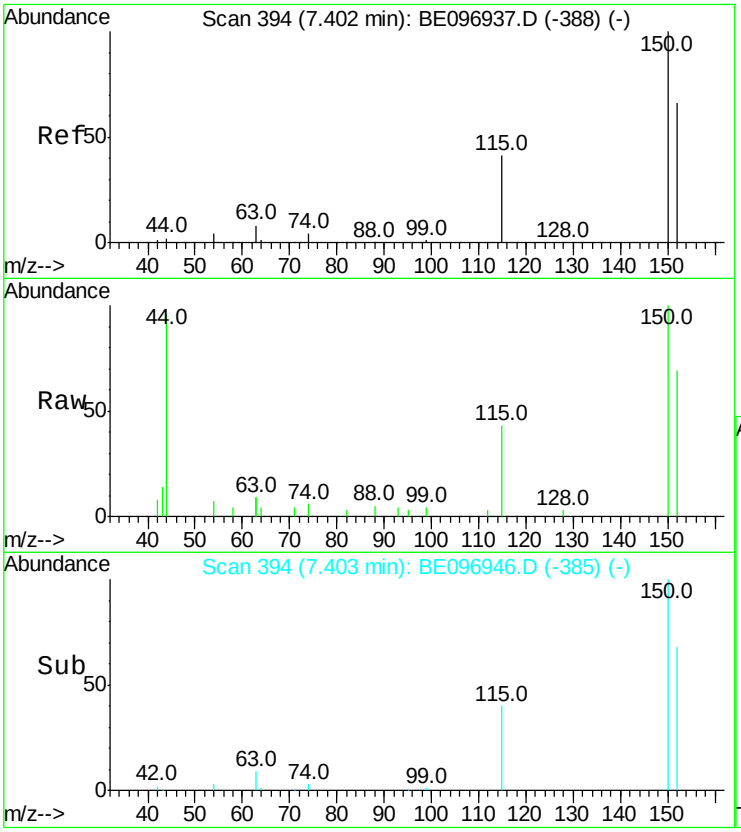
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096946.D
Acq On : 16 Jul 2018 20:09
Operator : SJ/JU
Sample : J3170-14DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 16:42:38 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



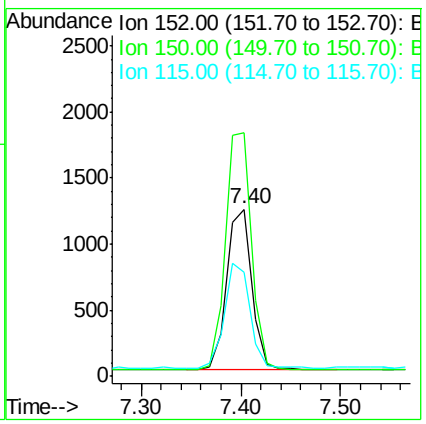


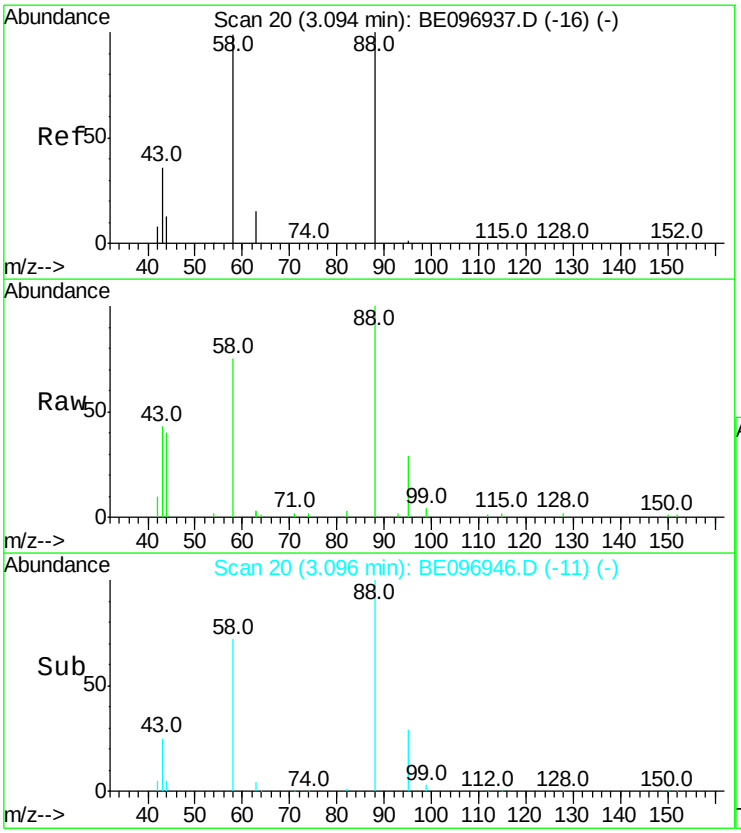
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2121

Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	61.8	57.0	85.6

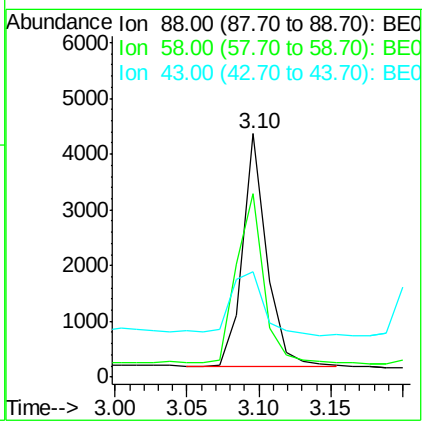


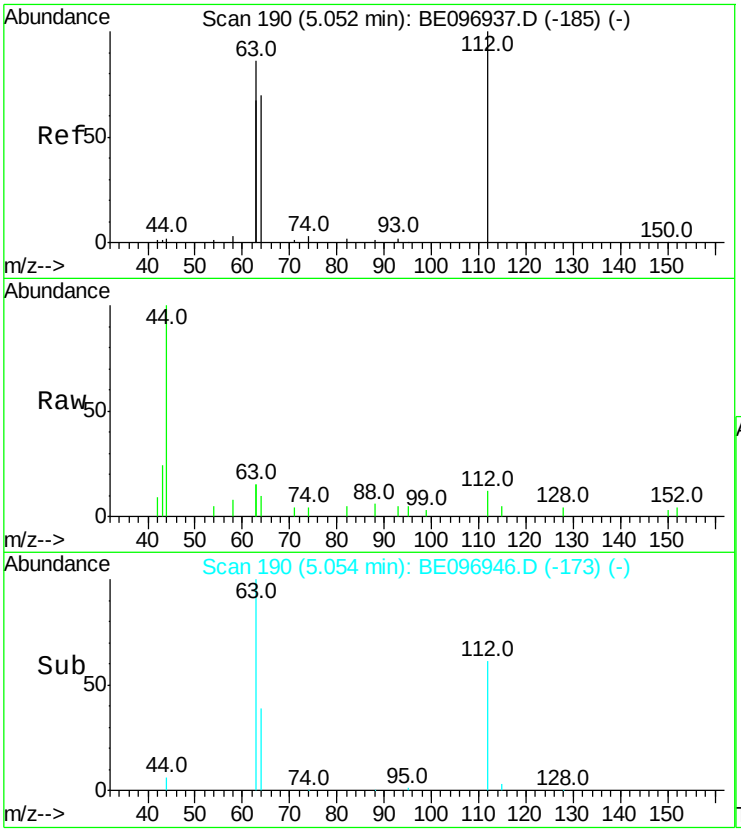


#2
1,4-Dioxane
Concen: 1.591 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion: 88 Resp: 4830

Ion	Ratio	Lower	Upper
88	100		
58	82.2	63.2	94.8
43	37.0	41.2	61.8#



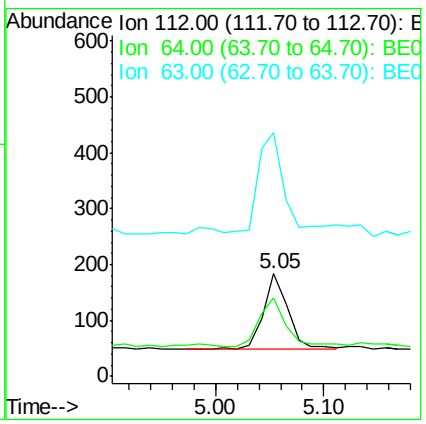


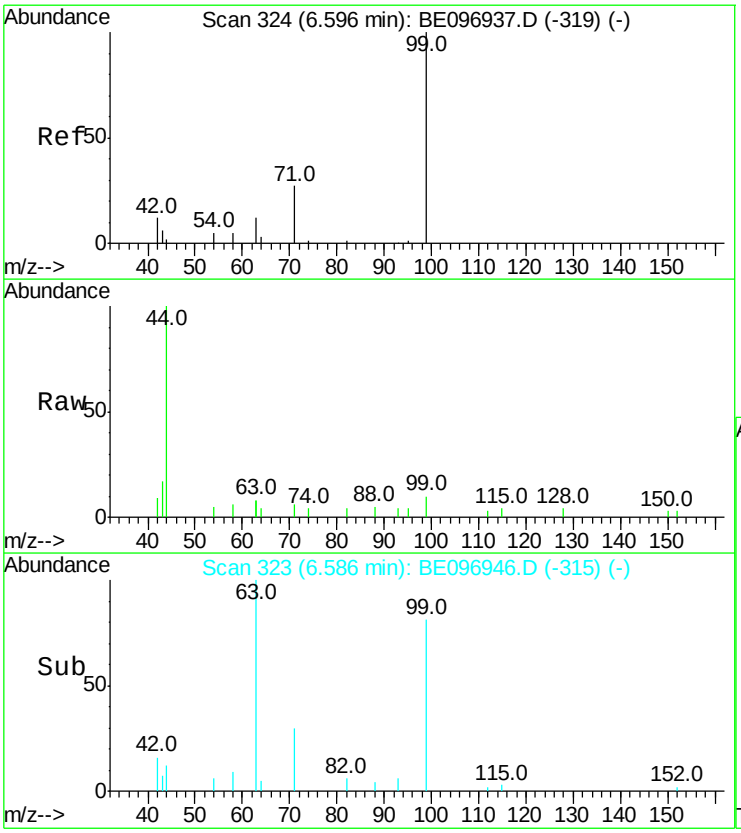
#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 213

Ion	Ratio	Lower	Upper
112	100		
64	72.8	60.1	90.1
63	132.4	116.8	175.2

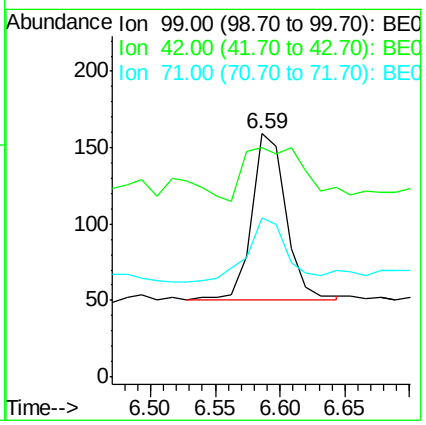


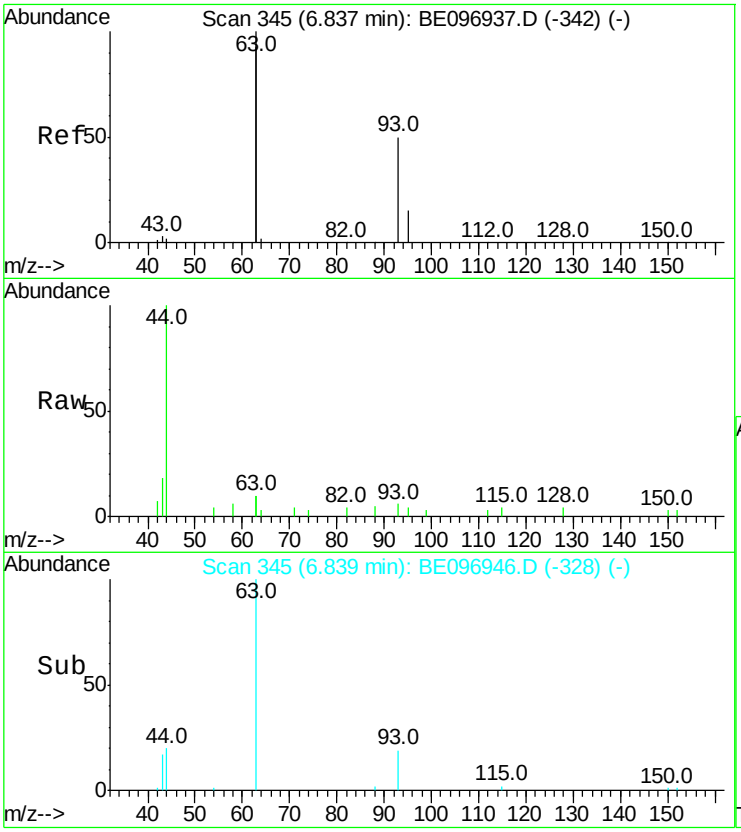


#5
Phenol-d6
Concen: 0.026 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion: 99 Resp: 205

Ion	Ratio	Lower	Upper
99	100		
42	58.5	20.2	30.2#
71	44.4	28.4	42.6#



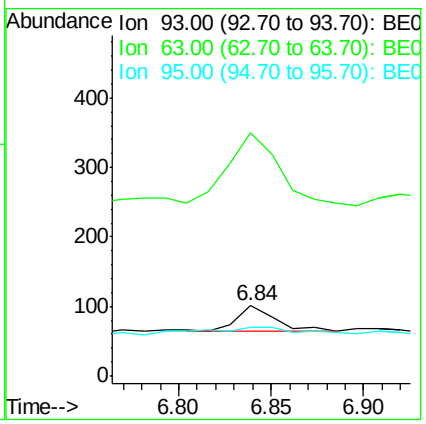


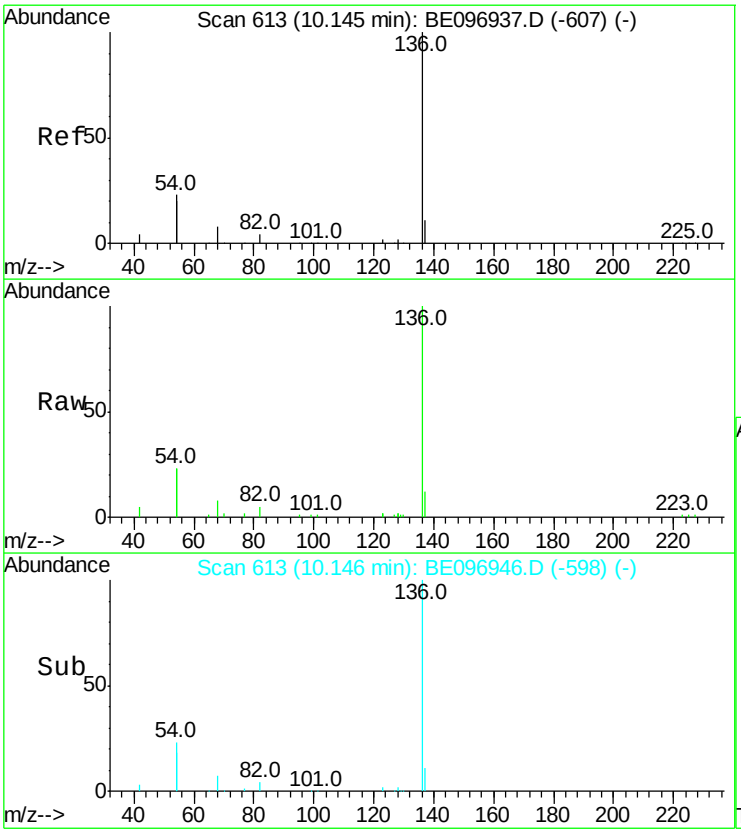
#6
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 53

Ion	Ratio	Lower	Upper
93	100		
63	430.2	275.3	412.9#
95	79.2	25.2	37.8#

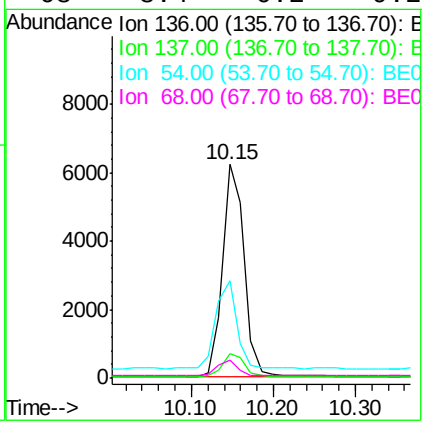


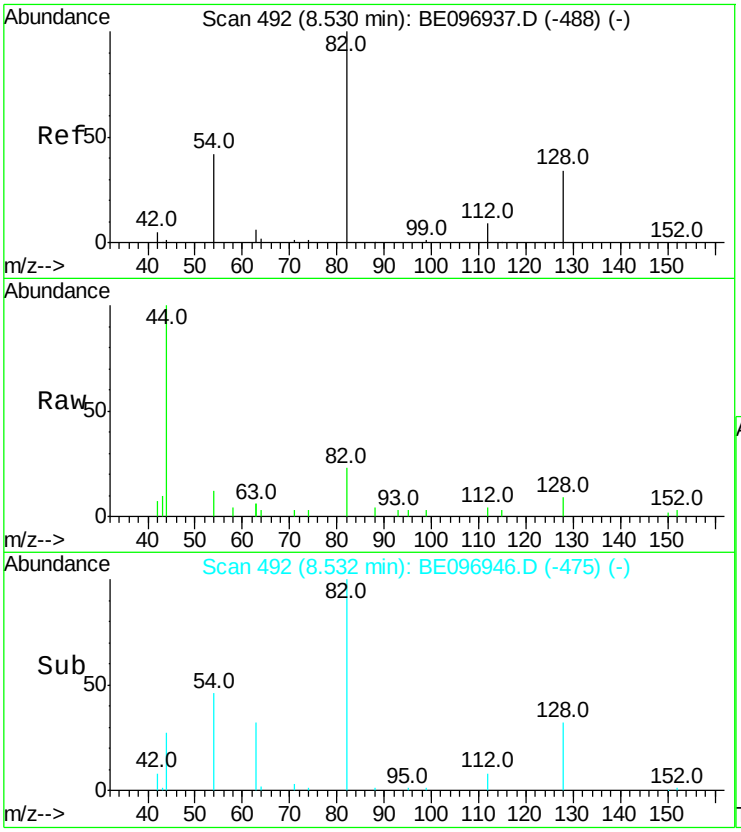


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:136 Resp: 11233

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	45.3	29.1	43.7#
68	8.4	6.2	9.2



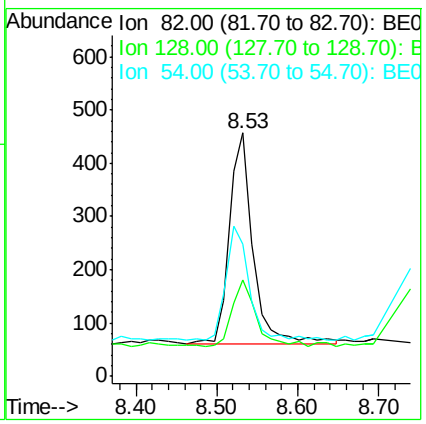


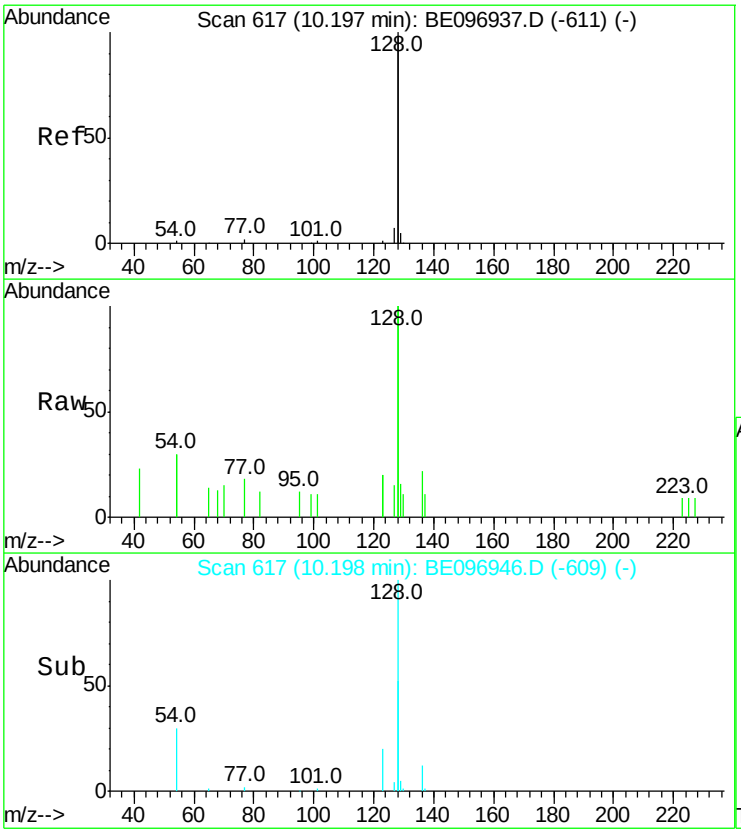
#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 799

Ion	Ratio	Lower	Upper
82	100		
128	39.6	24.0	36.0#
54	54.0	40.0	60.0

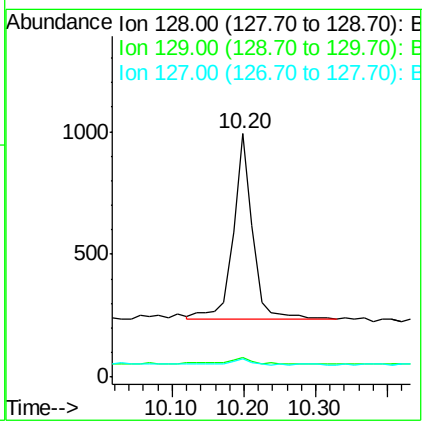


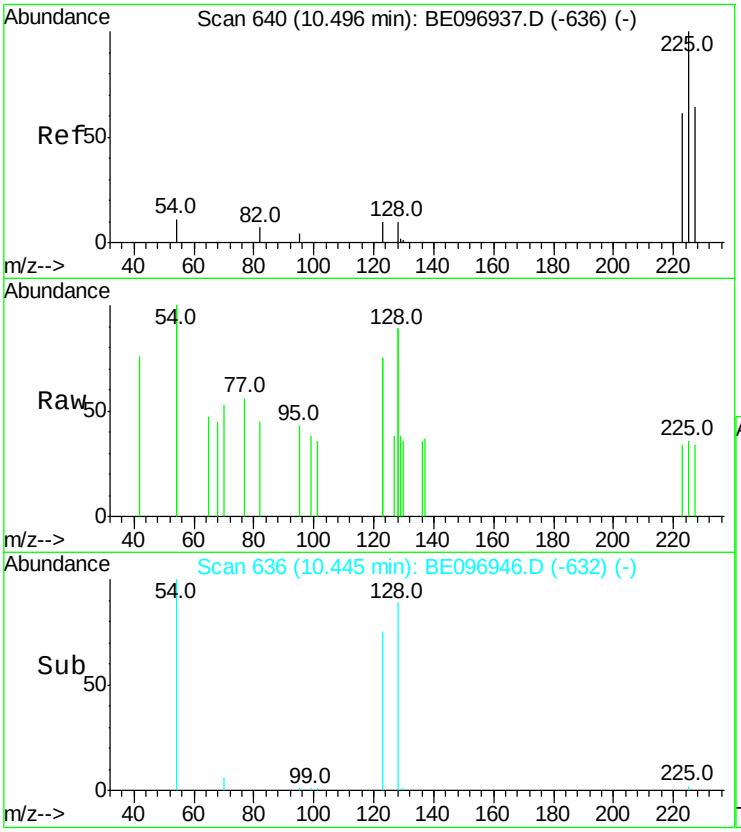


#9
Naphthalene
Concen: 0.014 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:128 Resp: 1406

Ion	Ratio	Lower	Upper
128	100		
129	7.9	2.6	3.8#
127	7.7	2.8	4.2#



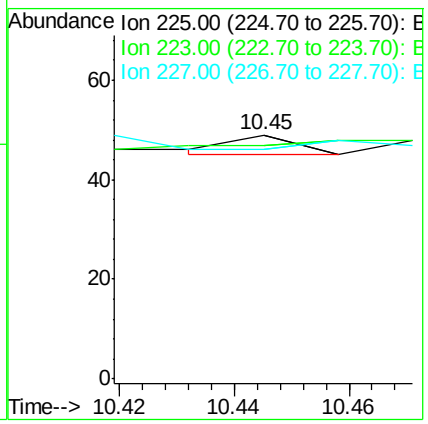


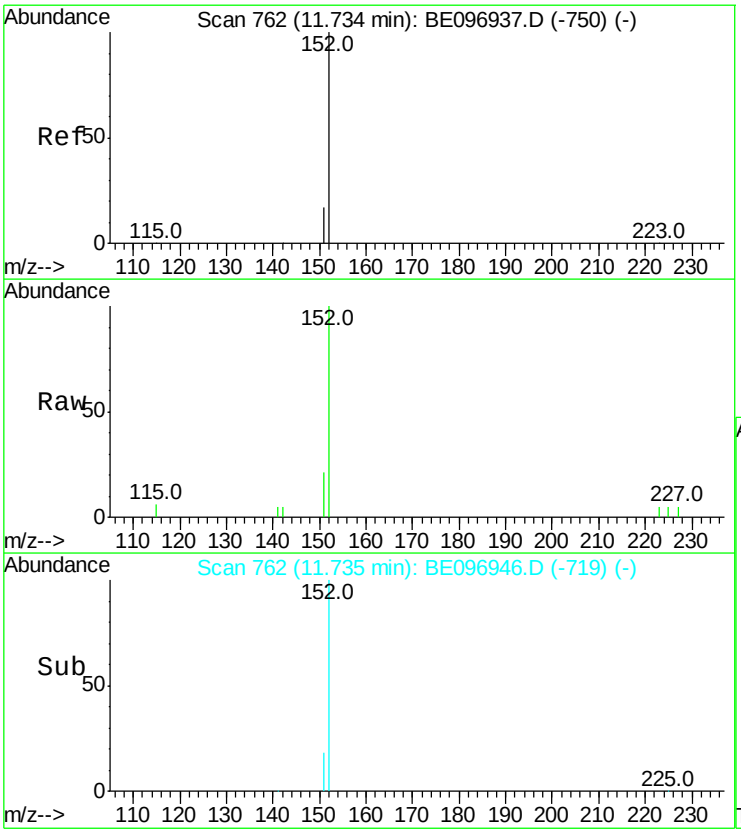
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.45 min Scan# 636
Delta R.T. -0.05 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	233.3	53.0	79.6#
227	166.7	51.4	77.2#

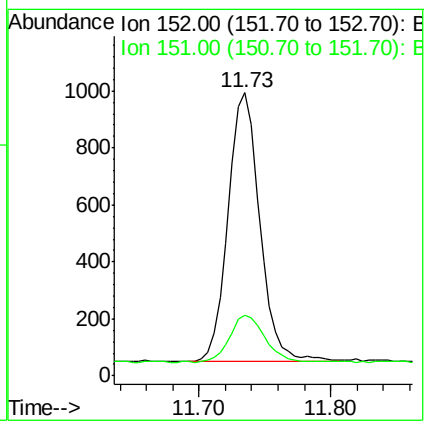


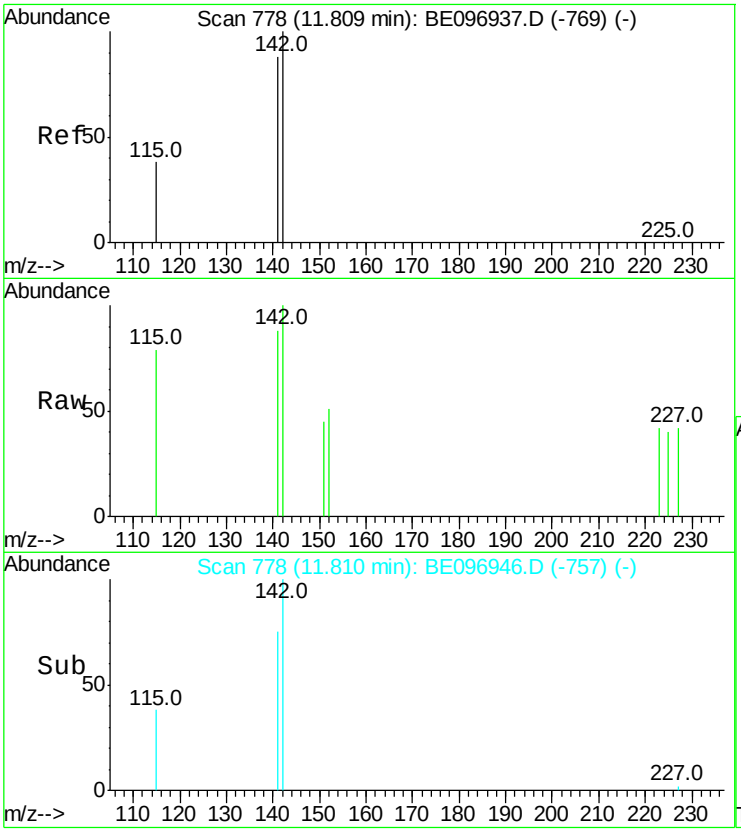


#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:152 Resp: 1567

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

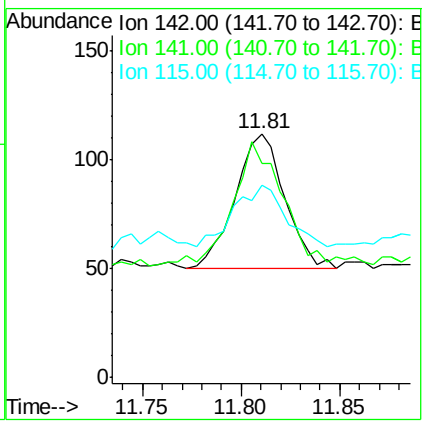




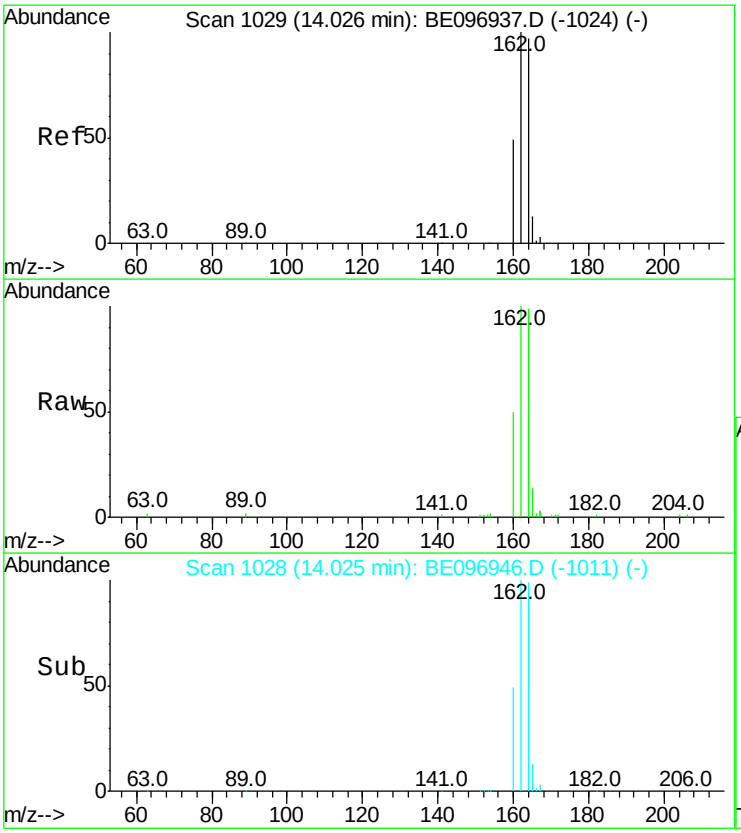
#12
2-Methylnaphthalene
Concen: 0.006 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:142 Resp: 108

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	78.6	31.7	47.5#



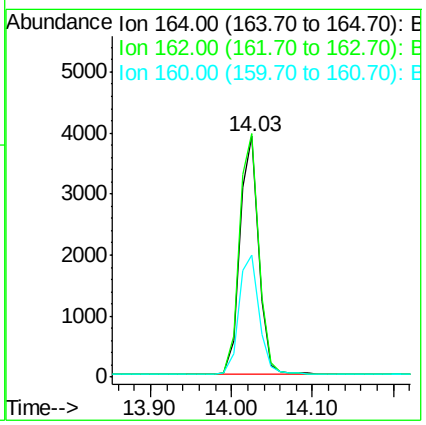
Instrument :
BNA_E
ClientSampleId :

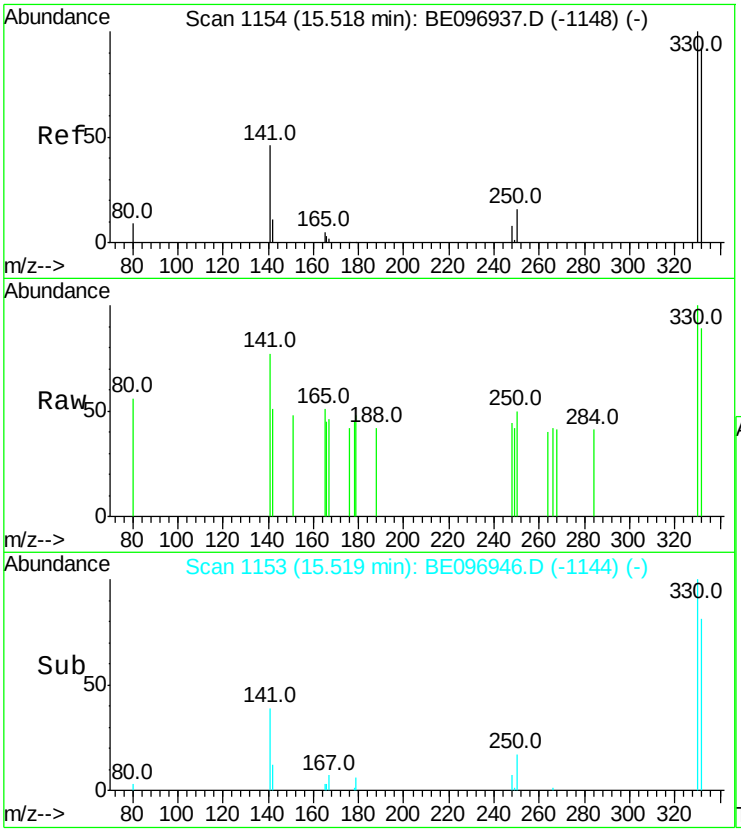


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:164 Resp: 6196

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.1	124.7
160	50.4	37.1	55.7



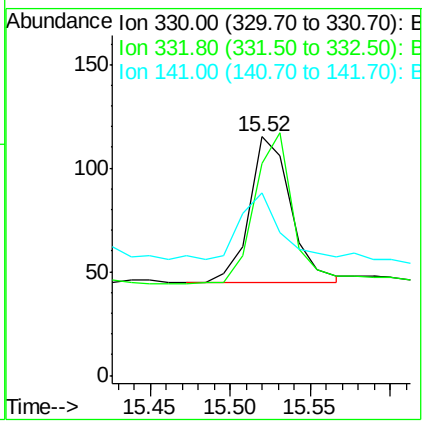


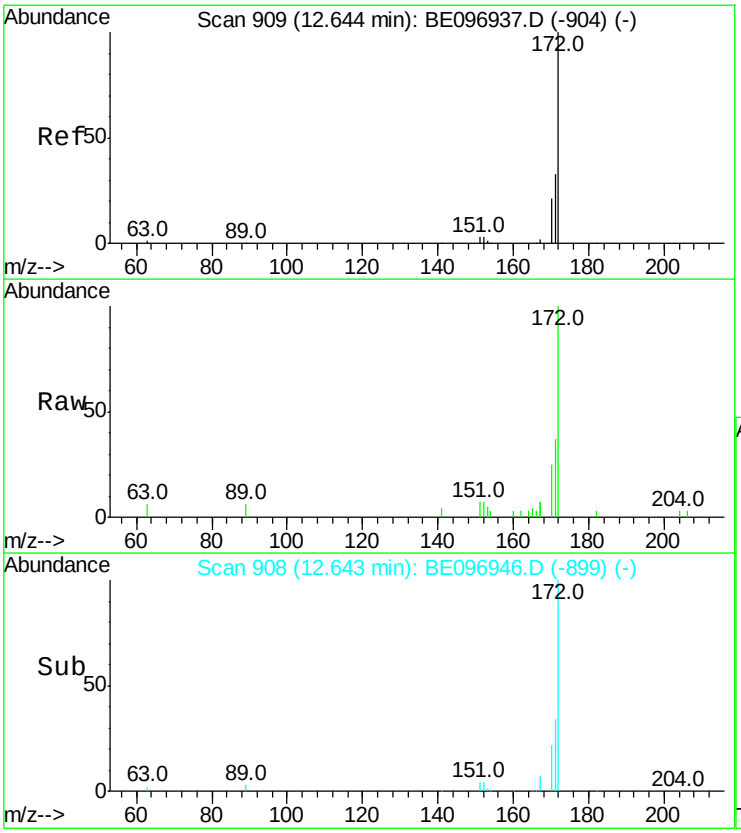
#14
2,4,6-Tribromophenol
Concen: 0.135 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 126

Ion	Ratio	Lower	Upper
330	100		
332	96.8	152.7	229.1#
141	43.7	33.7	50.5

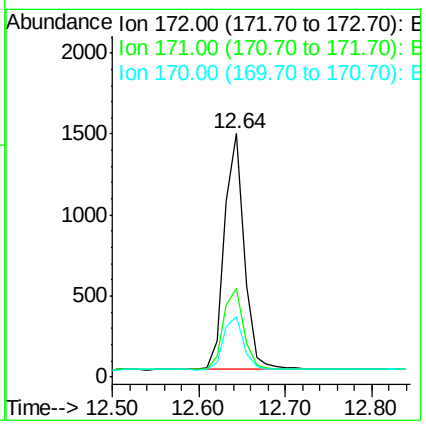


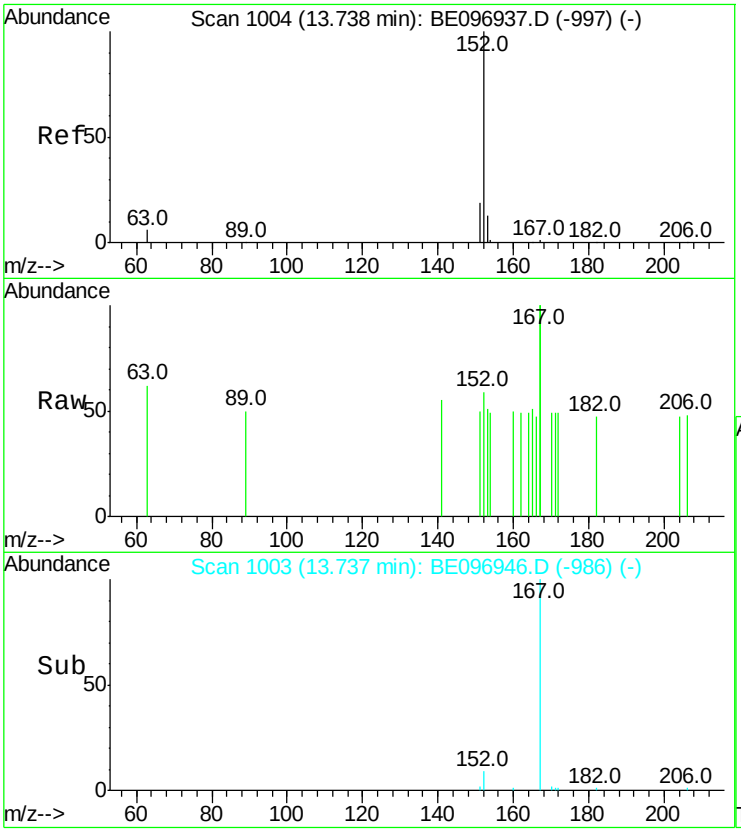


#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:172 Resp: 2322

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.9	21.8	32.8



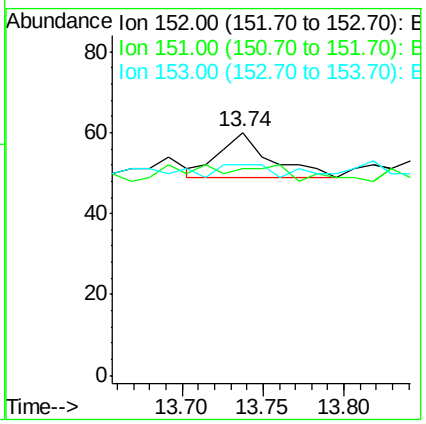


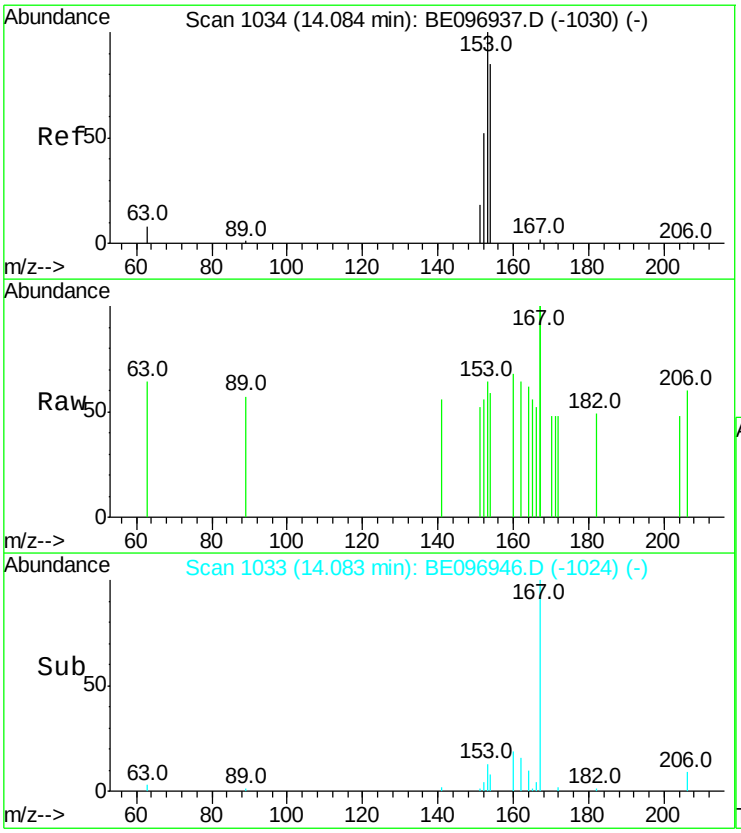
#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 23

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	26.1	10.5	15.7#

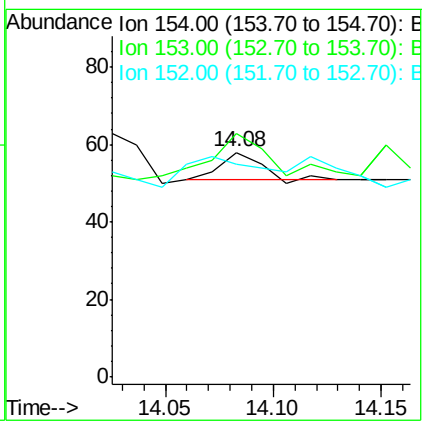


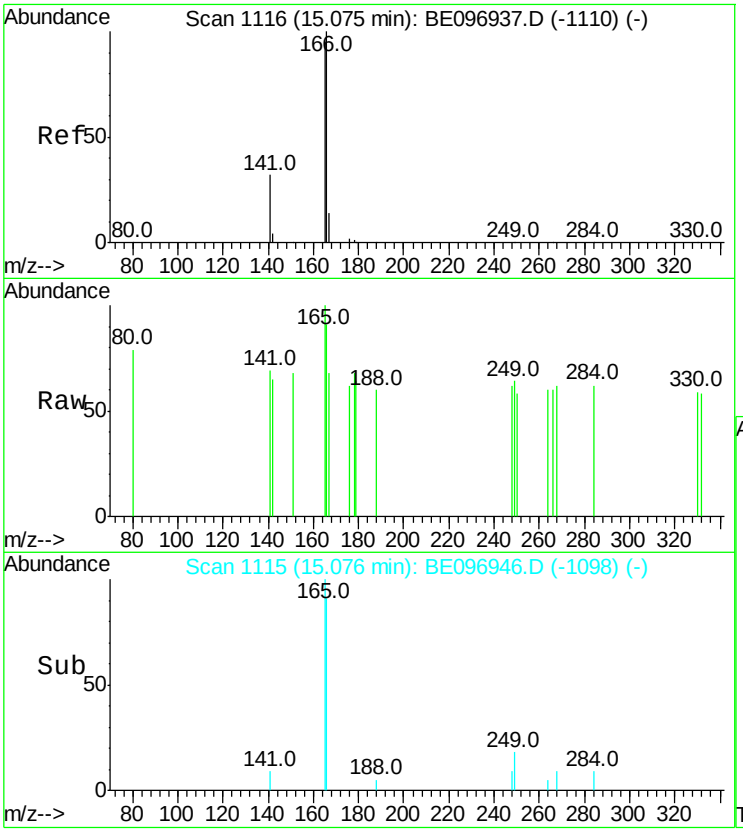


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:154 Resp: 9

Ion	Ratio	Lower	Upper
154	100		
153	277.8	89.2	133.8#
152	222.2	42.0	63.0#



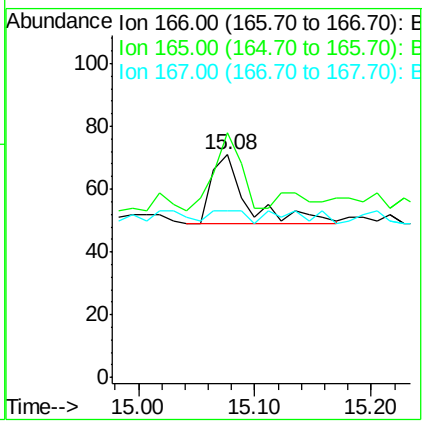


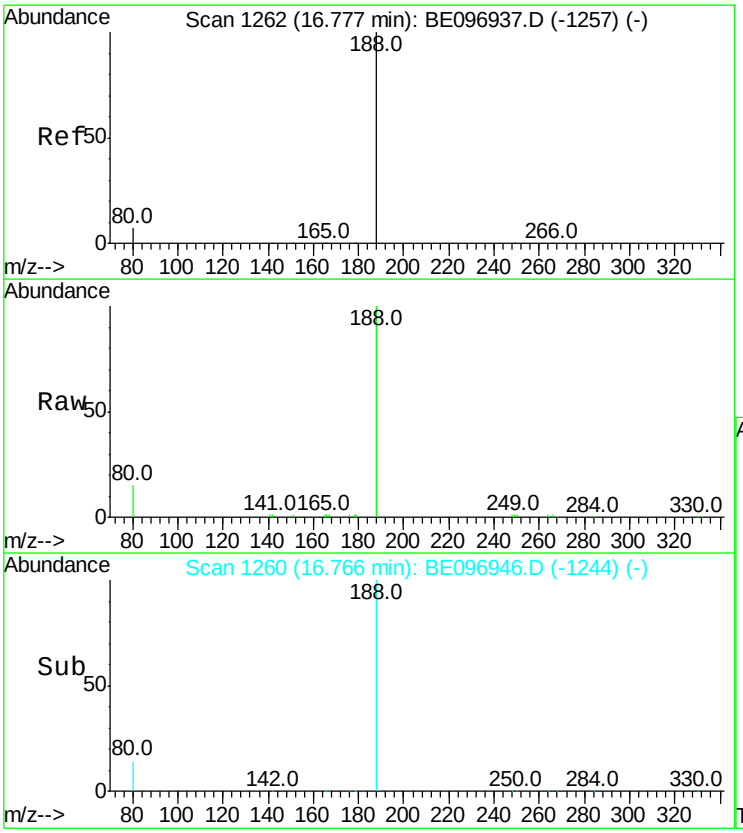
#18
Fluorene
Concen: 0.002 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 46

Ion	Ratio	Lower	Upper
166	100		
165	89.1	77.8	116.6
167	21.7	42.4	63.6#

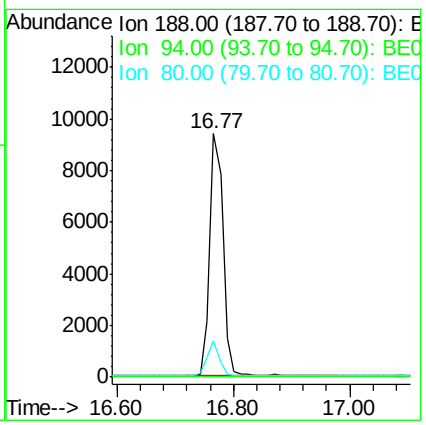


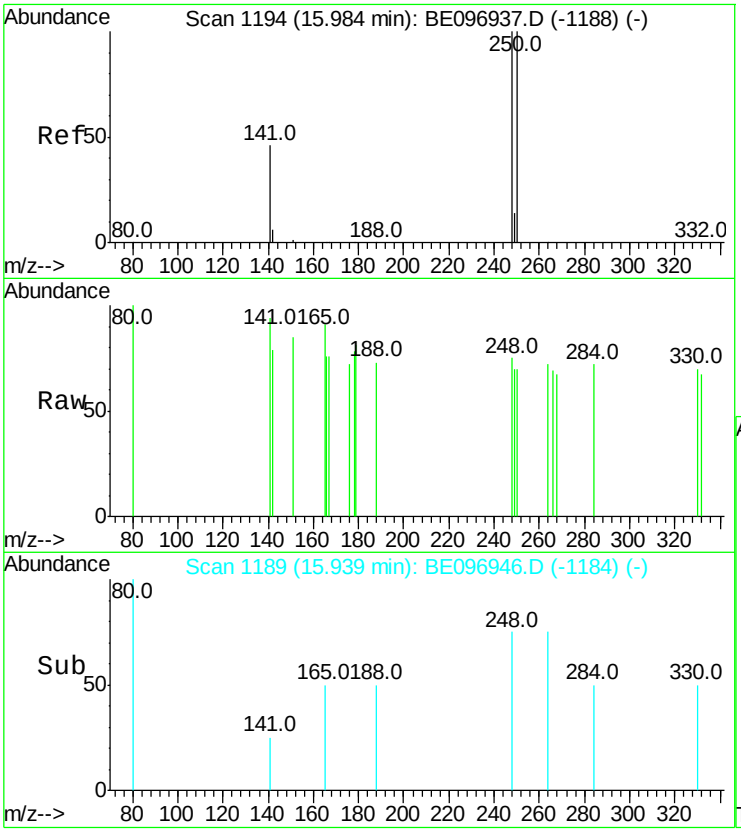


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:188 Resp: 14990

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.7	3.6	5.4#



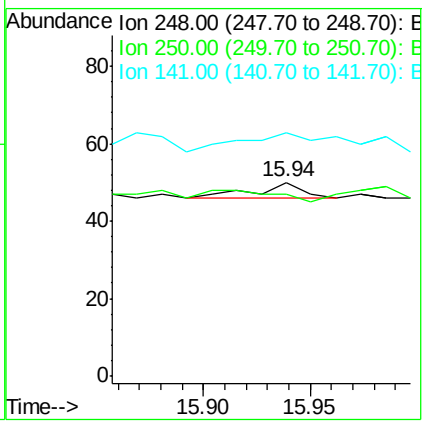


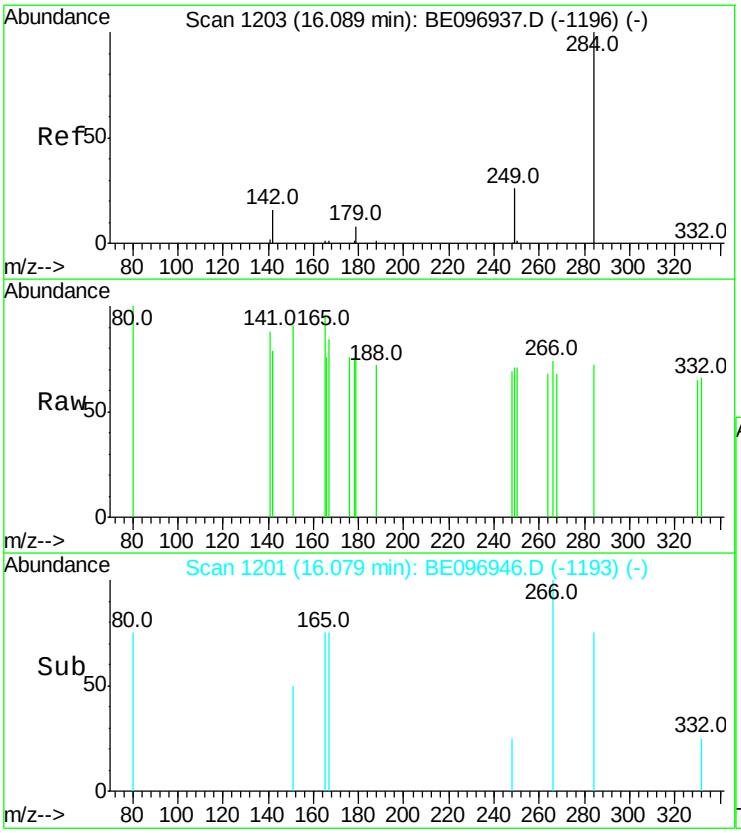
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.94 min Scan# 1189
Delta R.T. -0.05 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	94.0	62.7	94.1
141	126.0	48.2	72.2#

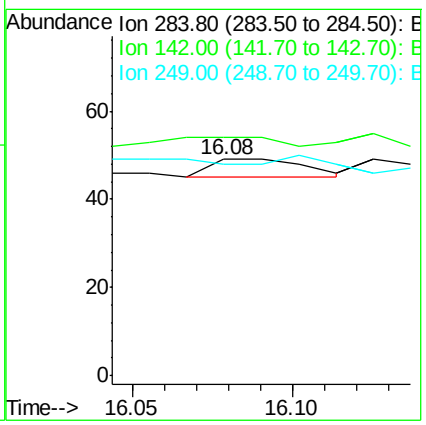


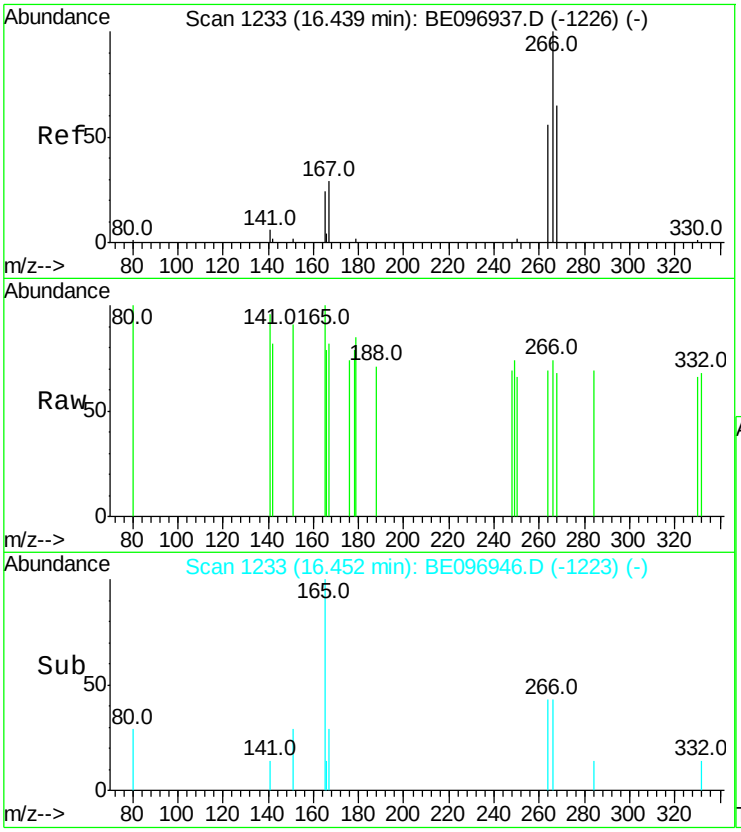


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	125.0	22.1	33.1#
249	0.0	34.8	52.2#



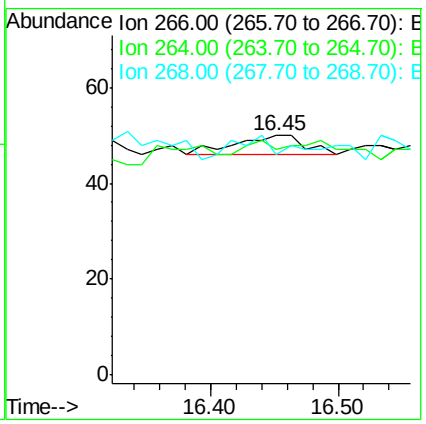


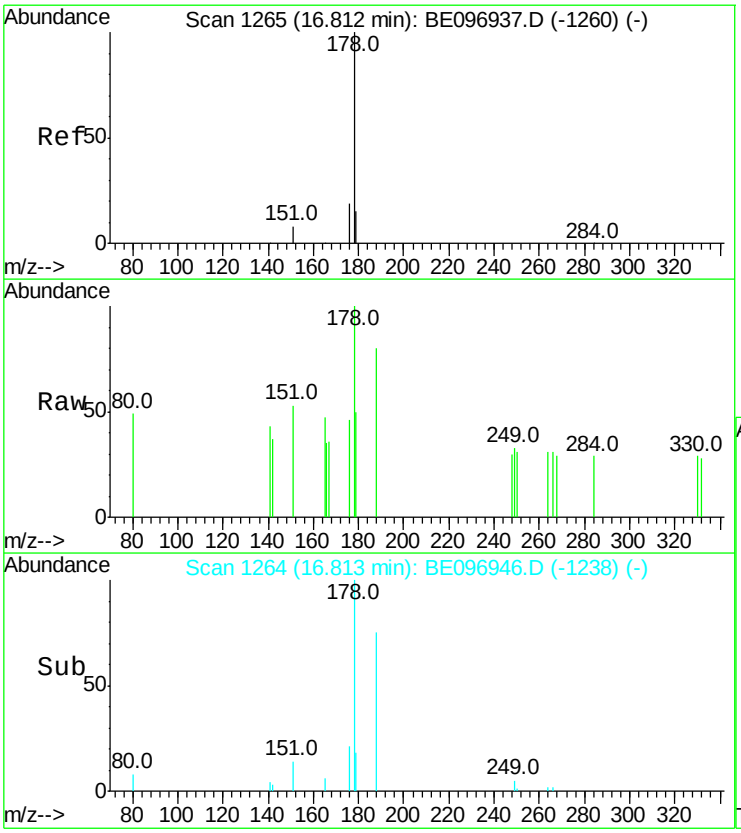
#22
Pentachlorophenol
Concen: Below Cal
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	94.0	72.5	108.7
268	92.0	73.8	110.6

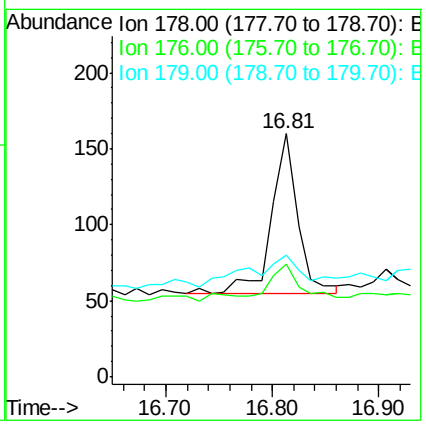


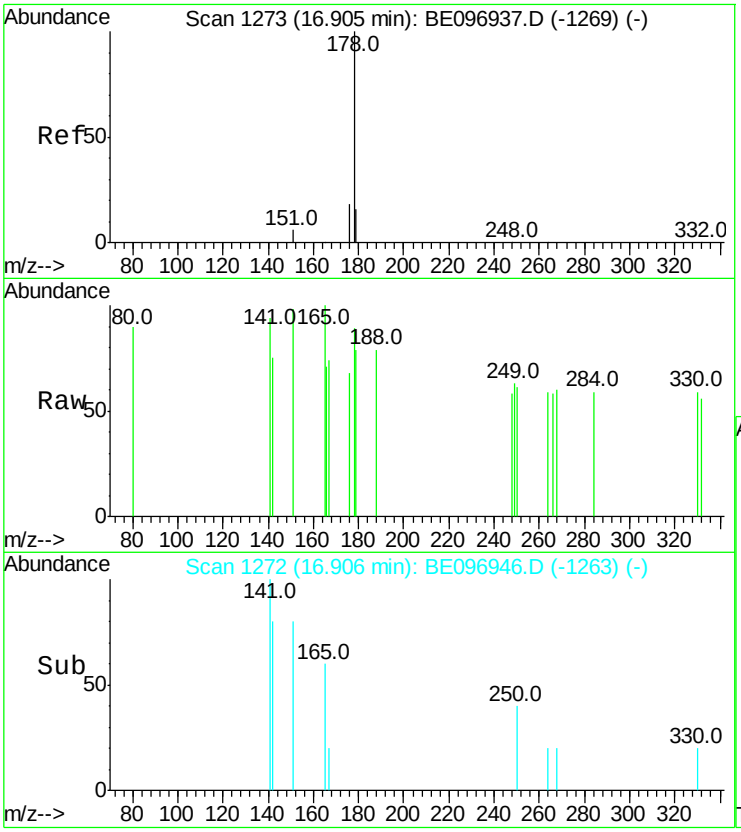


#23
Phenanthrene
Concen: 0.005 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:178 Resp: 180

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.1	22.7
179	42.2	11.8	17.6#



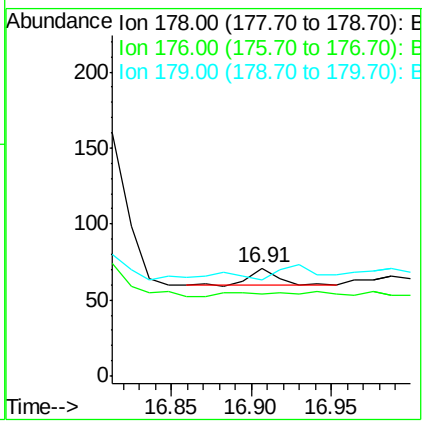


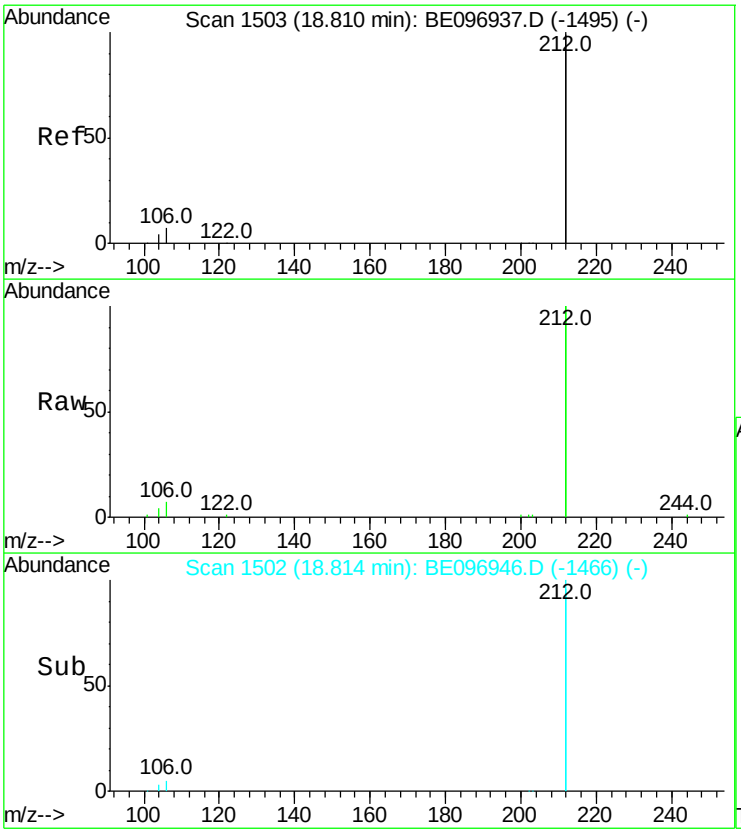
#24
Anthracene
Concen: 0.000 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	0.0	13.0	19.6#

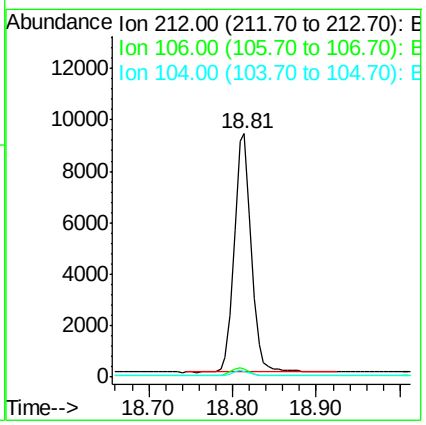


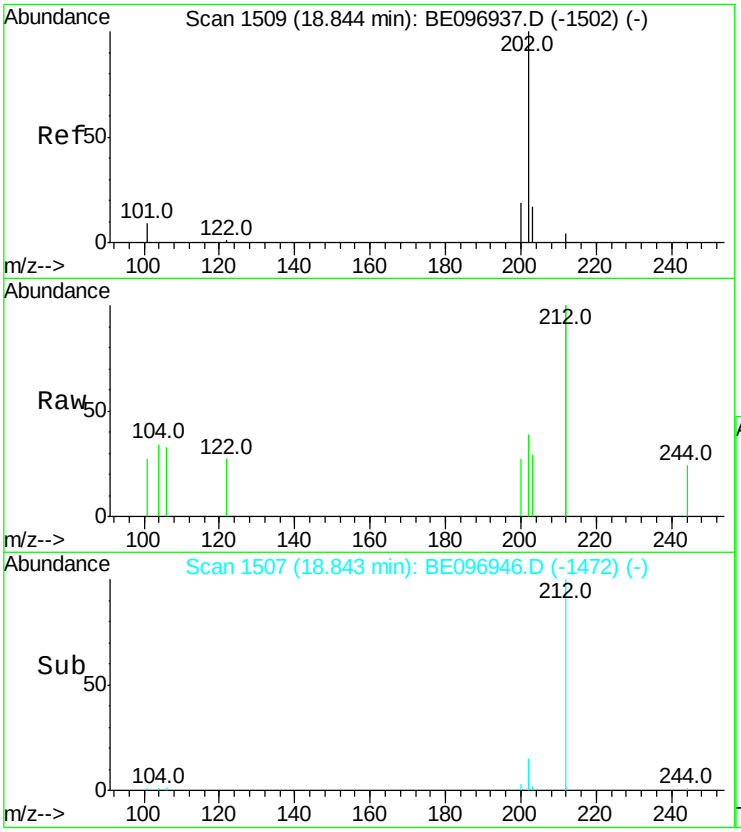


#25
Fluoranthene-d10
Concen: 0.101 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:212 Resp: 13128

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4



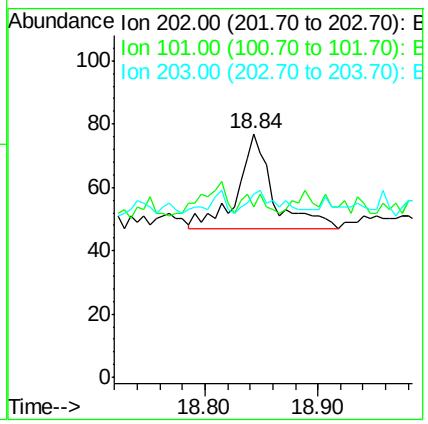


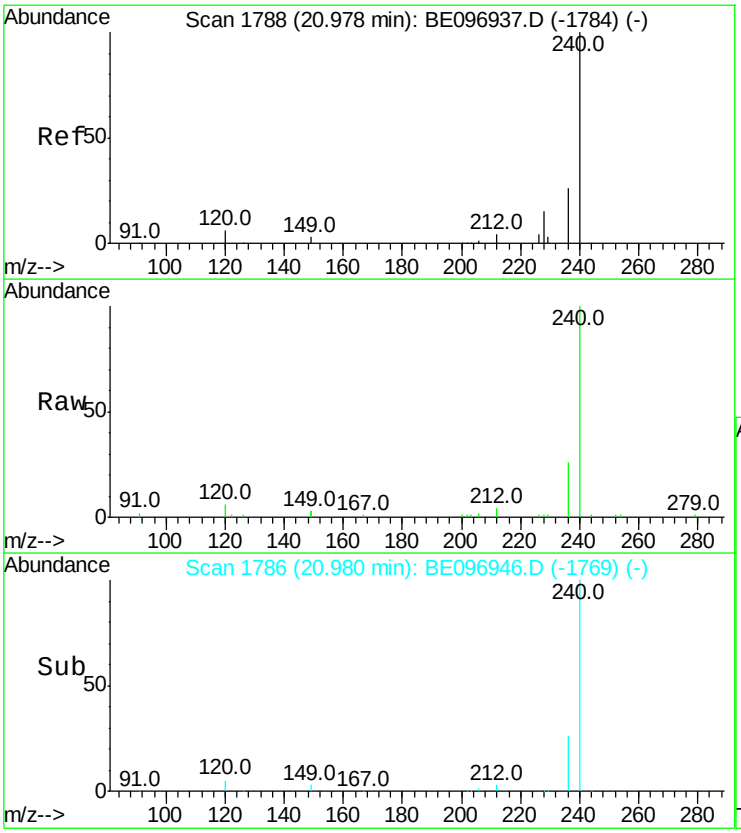
#26
Fluoranthene
Concen: 0.002 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 66

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
203	18.2	13.7	20.5

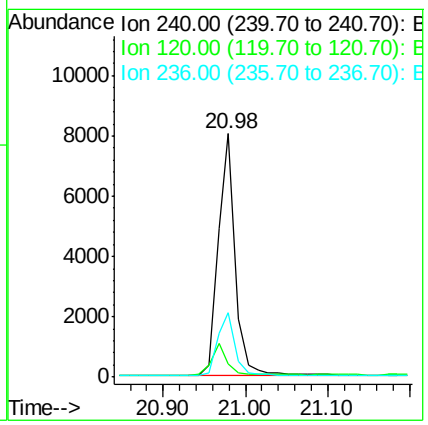


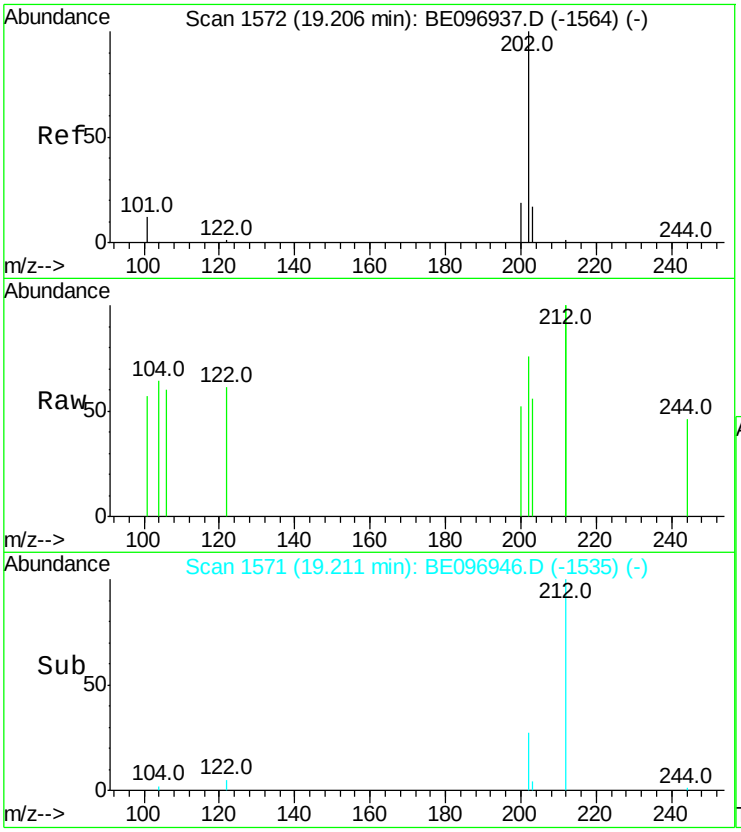


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:240 Resp: 11692

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.5	8.3
236	26.5	20.7	31.1



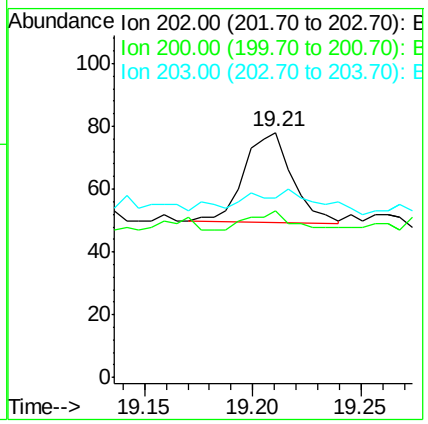


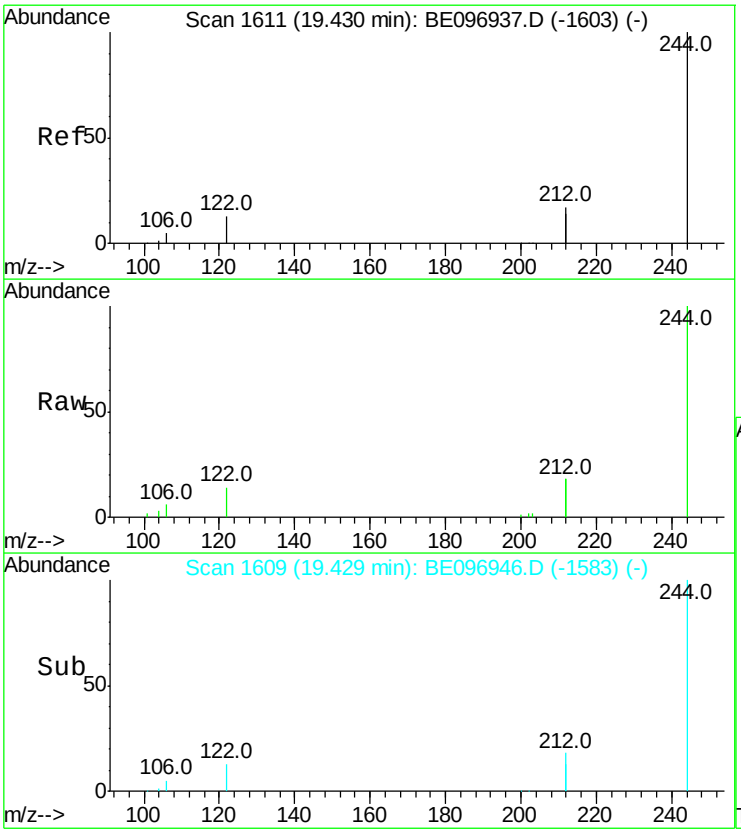
#28
Pyrene
Concen: 0.001 ng
RT: 19.21 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 44

Ion	Ratio	Lower	Upper
202	100		
200	18.2	16.6	25.0
203	15.9	13.8	20.8

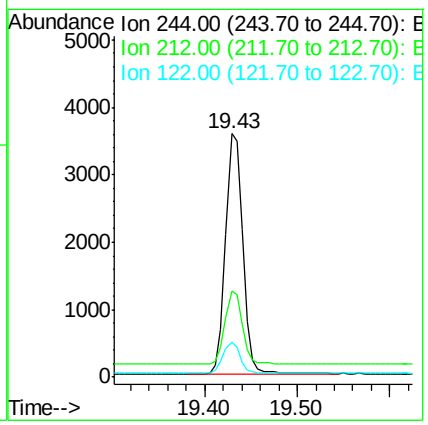


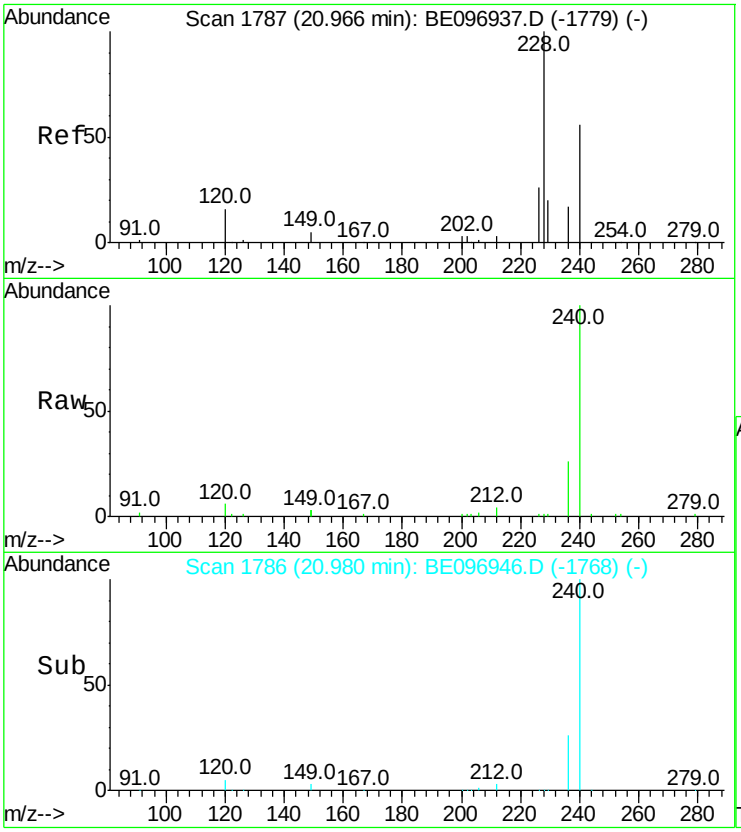


#29
Terphenyl-d14
Concen: 0.205 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:244 Resp: 4615

Ion	Ratio	Lower	Upper
244	100		
212	35.6	25.4	38.0
122	14.2	8.1	12.1#



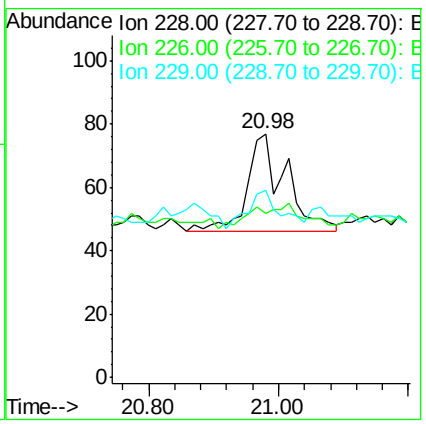


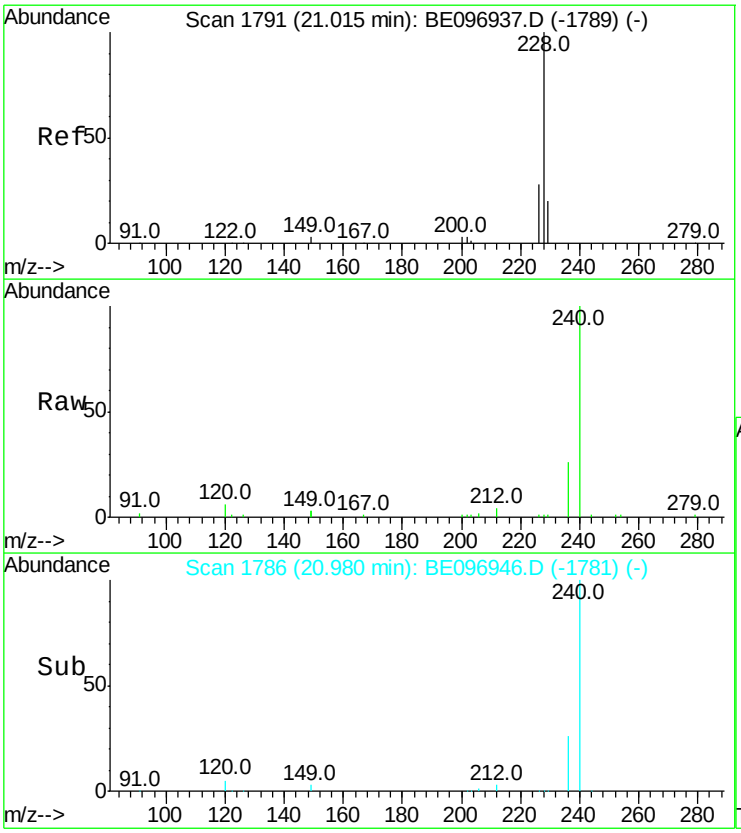
#30
Benzo(a)anthracene
Concen: 0.005 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 127

Ion	Ratio	Lower	Upper
228	100		
226	67.5	24.0	36.0#
229	76.6	16.0	24.0#

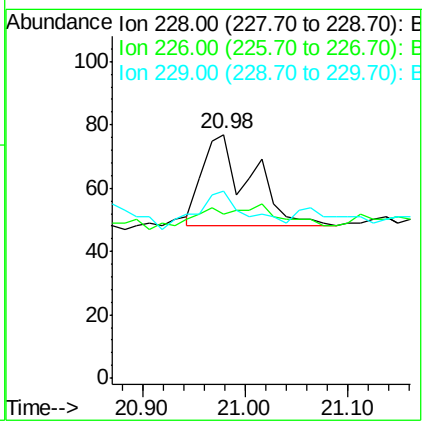


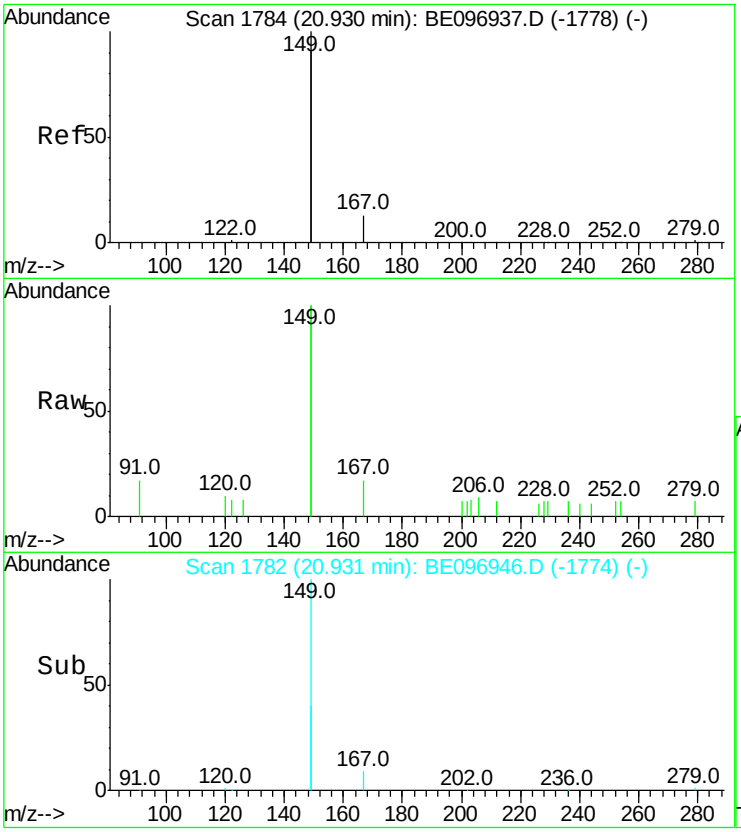


#31
Chrysene
Concen: 0.003 ng
RT: 20.98 min Scan# 1786
Delta R.T. -0.04 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:228 Resp: 96

Ion	Ratio	Lower	Upper
228	100		
226	67.5	24.0	36.0#
229	76.6	16.0	24.0#



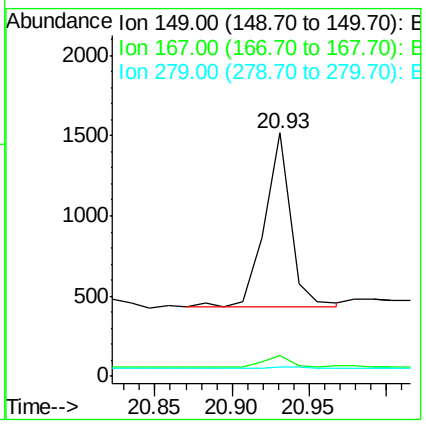


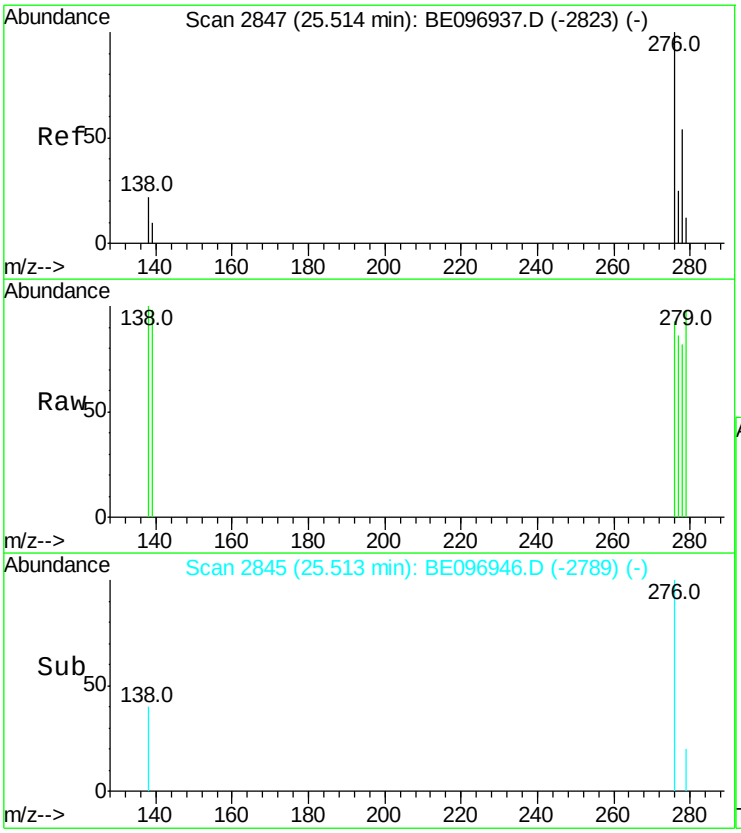
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1280

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.6	0.7	1.1#

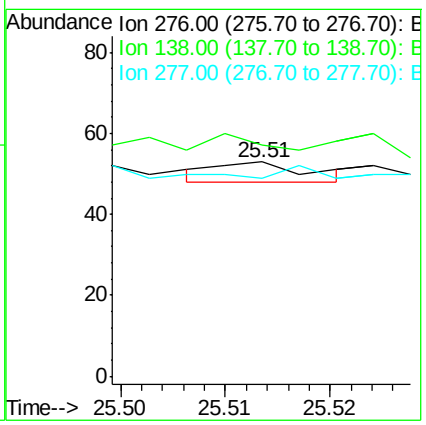


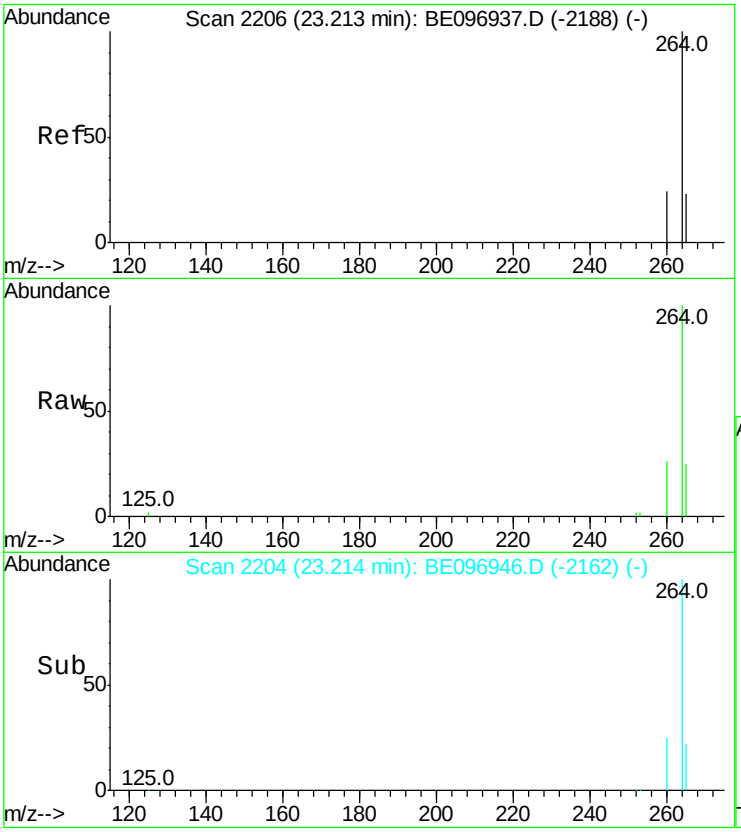


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	166.7	22.5	33.7#
277	66.7	19.9	29.9#



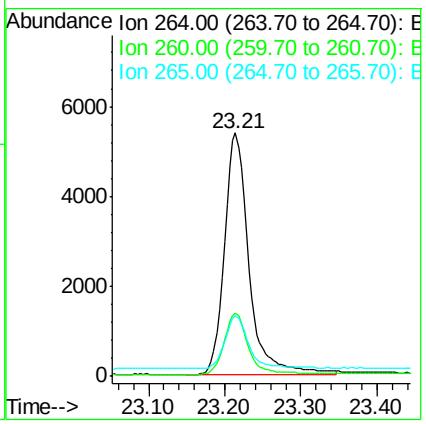


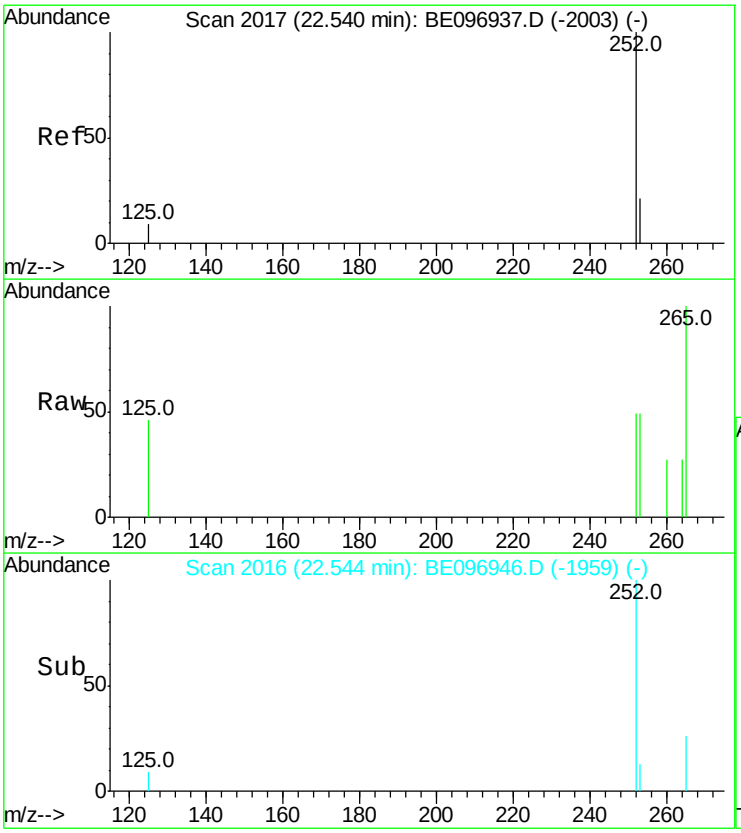
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 11939

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	24.6	22.8	34.2

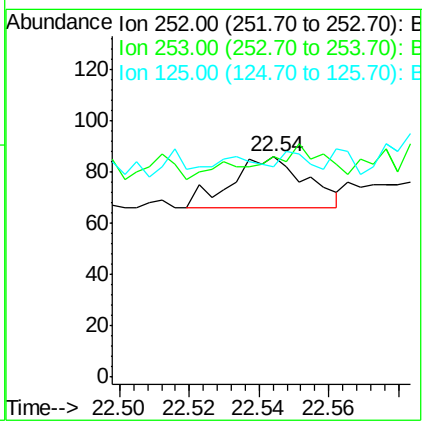


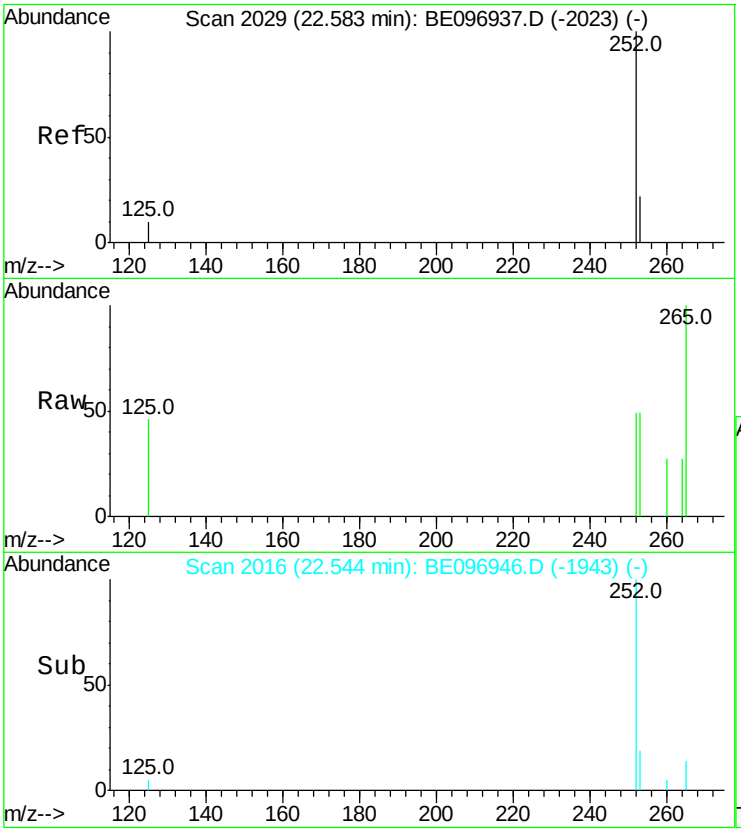


#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:252 Resp: 30

Ion	Ratio	Lower	Upper
252	100		
253	100.0	20.0	30.0#
125	95.3	16.0	24.0#



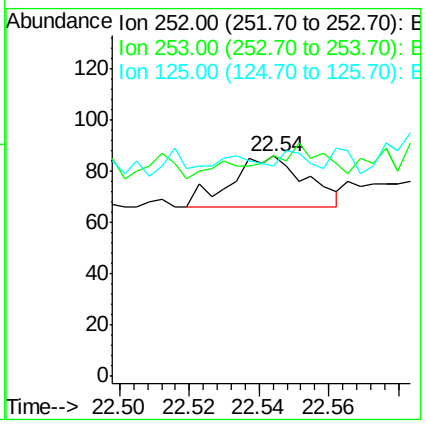


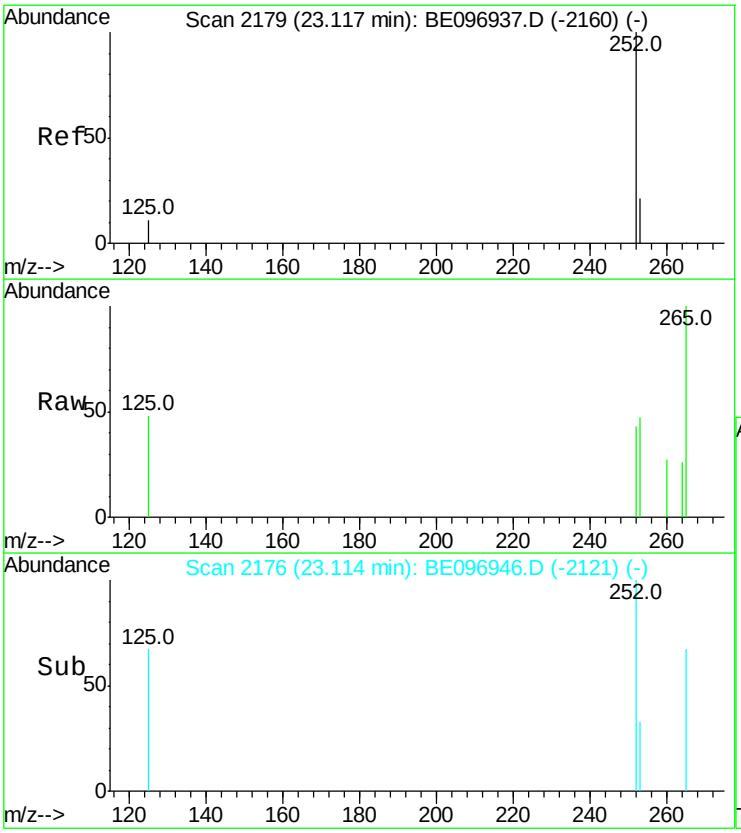
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 30

Ion	Ratio	Lower	Upper
252	100		
253	100.0	16.0	24.0#
125	95.3	8.0	12.0#

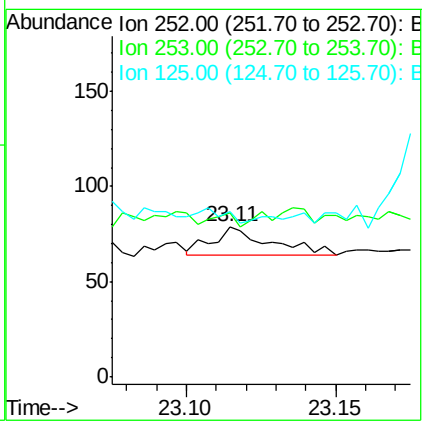


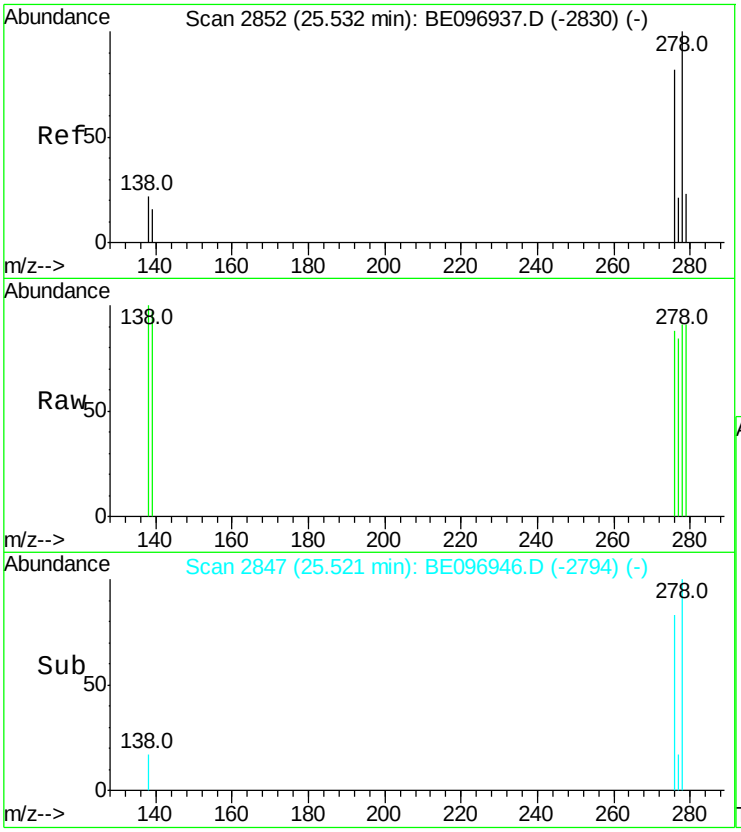


#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:252 Resp: 20

Ion	Ratio	Lower	Upper
252	100		
253	108.9	16.0	24.0#
125	110.1	12.0	18.0#



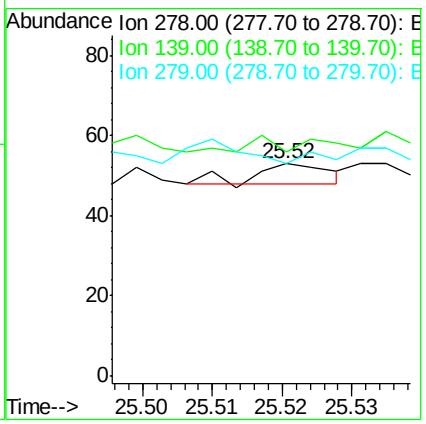


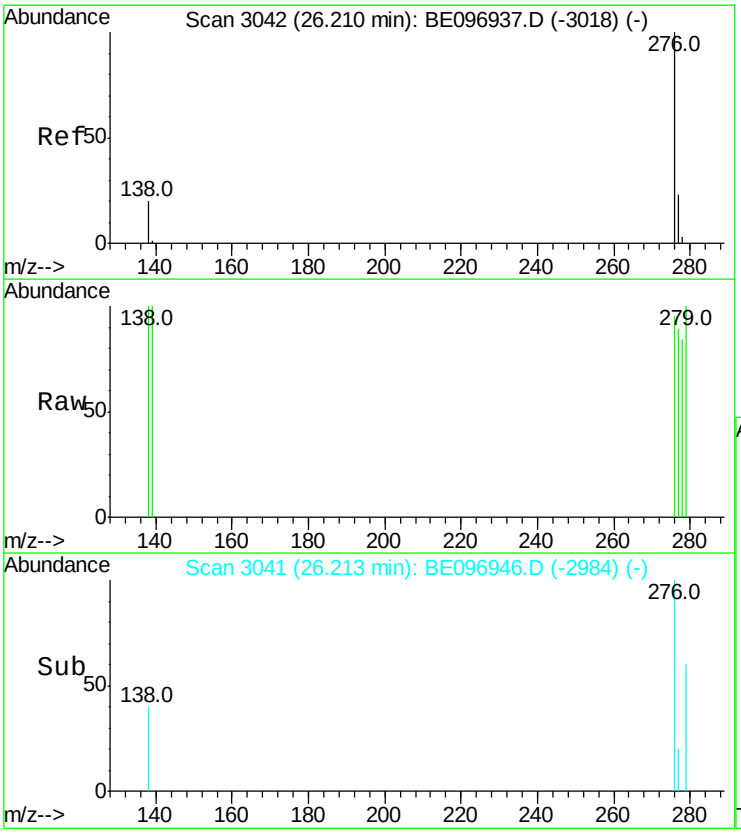
#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.52 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	105.7	16.0	24.0#
279	100.0	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
277	94.3	16.0	24.0#
138	105.7	20.0	30.0#