Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
Data File : BE096841.D
Acq On : 21 Jun 2018 12:34
Operator : SJ/JU
Sample : J3552-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 22 02:29:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 15:45:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2773	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12590	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6422	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19324	0.40	ng	0.00
27) Chrysene-d12	20.98	240	19196	0.40	ng	0.00
34) Perylene-d12	23.21	264	17905	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1138	0.18	ng	0.00
5) Phenol-d6	6.59	99	920	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	3434	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	7271	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	564	0.42	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	17797	0.76	ng	0.00
25) Fluoranthene-d10	18.82	212	90932	0.53	ng	0.00
29) Terphenyl-d14	19.44	244	20599	0.56	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.38	42	39	0.009	ng	# 1
6) bis(2-Chloroethyl)ether	6.85	93	33	0.003	ng	# 39
9) Naphthalene	10.20	128	2722	0.024	ng	# 93
10) Hexachlorobutadiene	10.50	225	48	0.010	ng	92
12) 2-Methylnaphthalene	11.81	142	292	0.015	ng	# 87
16) Acenaphthylene	13.74	152	136	0.005	ng	# 62
17) Acenaphthene	14.08	154	115	0.006	ng	# 91
18) Fluorene	15.07	166	155	0.007	ng	# 78
20) 4-Bromophenyl-phenylether	15.98	248	56	0.006	ng	# 64
21) Hexachlorobenzene	16.09	284	64	0.006	ng	# 47
22) Pentachlorophenol	16.44	266	24	0.051	ng	98
23) Phenanthrene	16.81	178	542	0.011	ng	# 85
24) Anthracene	16.90	178	268	0.007	ng	# 81
26) Fluoranthene	18.84	202	743	0.015	ng	95
28) Pyrene	19.21	202	685	0.012	ng	# 95
30) Benzo(a)anthracene	20.97	228	577	0.014	ng	# 79
31) Chrysene	21.02	228	621	0.012	ng	# 81
32) Bis(2-ethylhexyl)phthalate	20.93	149	2288	0.060	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.51	276	334	0.009	ng	# 68
35) Benzo(b)fluoranthene	22.54	252	564	0.012	ng	# 59
36) Benzo(k)fluoranthene	22.59	252	458	0.090	ng	# 36
37) Benzo(a)pyrene	23.12	252	384	0.010	ng	# 30
38) Dibenzo(a,h)anthracene	25.53	278	99	0.111	ng	# 8
39) Benzo(g,h,i)perylene	26.20	276	370	0.009	ng	# 40

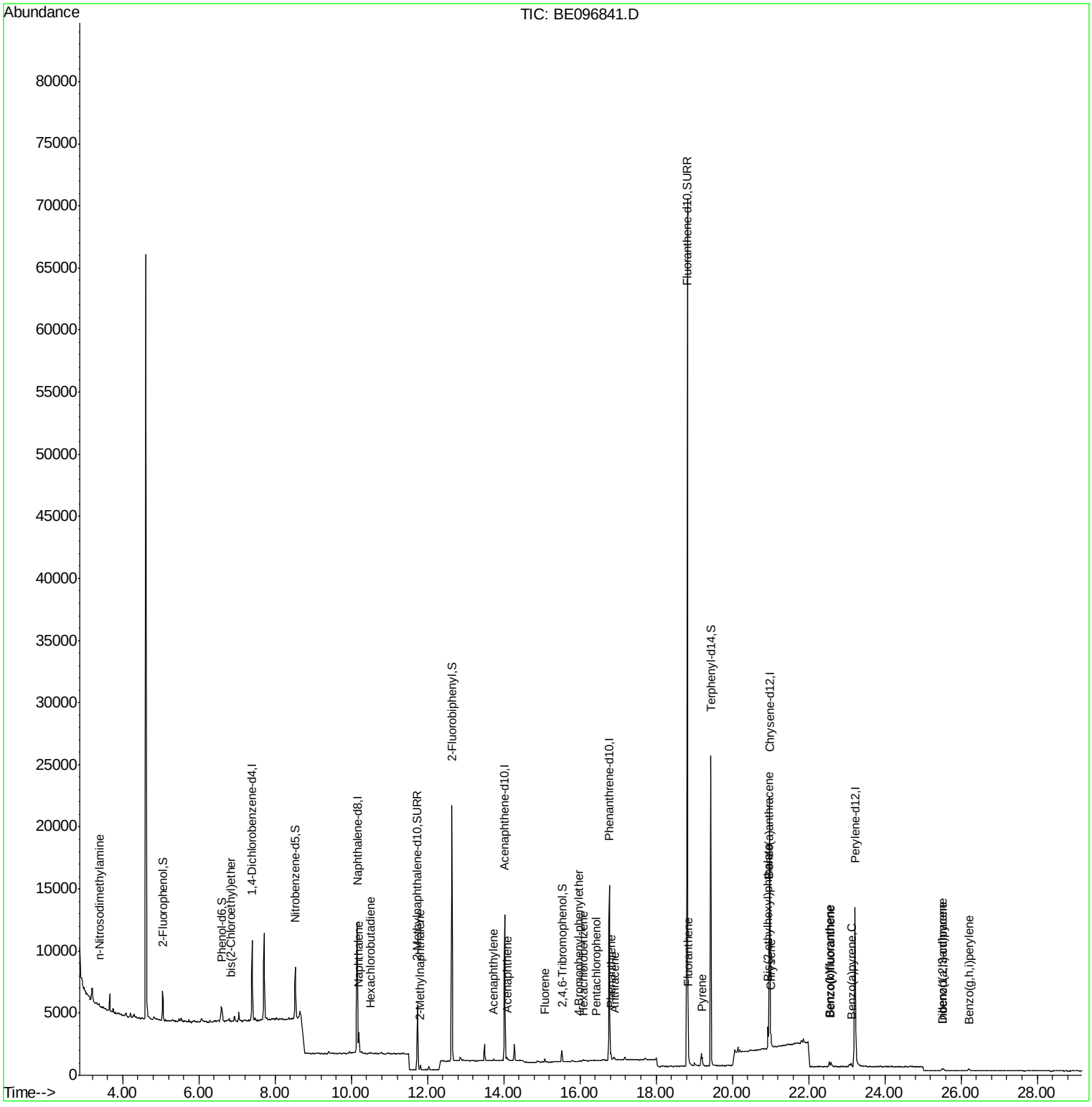
(#) = qualifier out of range (m) = manual integration (+) = signals summed

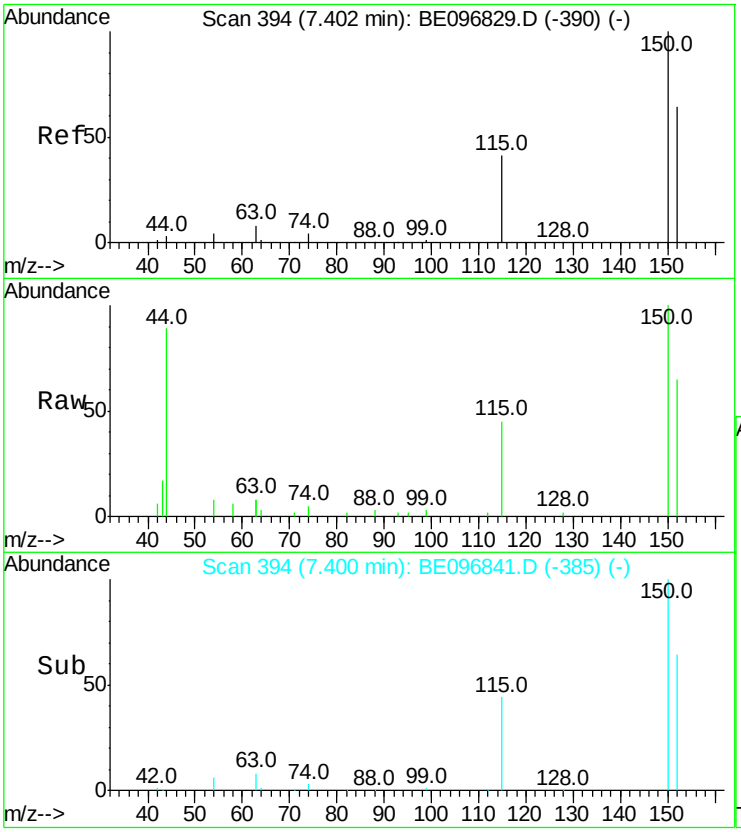
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
Data File : BE096841.D
Acq On : 21 Jun 2018 12:34
Operator : SJ/JU
Sample : J3552-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 22 02:29:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 15:45:14 2018
Response via : Initial Calibration



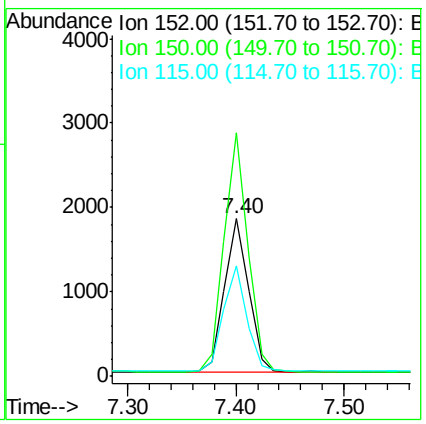


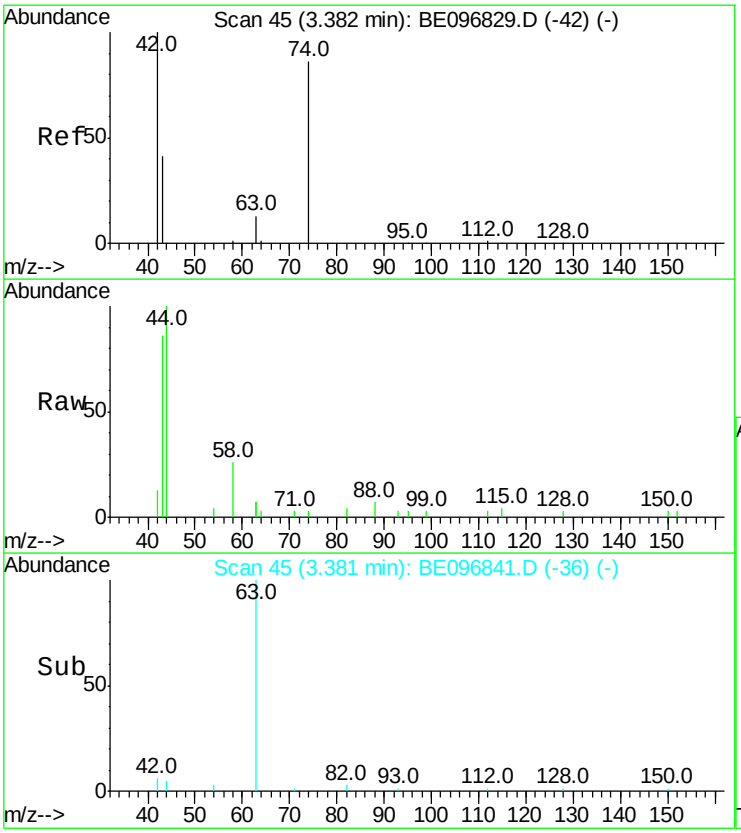
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2773

Ion	Ratio	Lower	Upper
152	100		
150	154.6	117.2	175.8
115	70.1	57.0	85.6

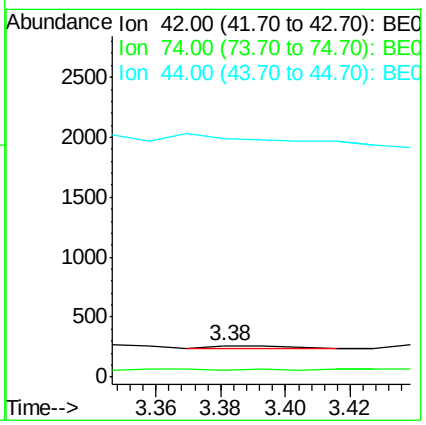


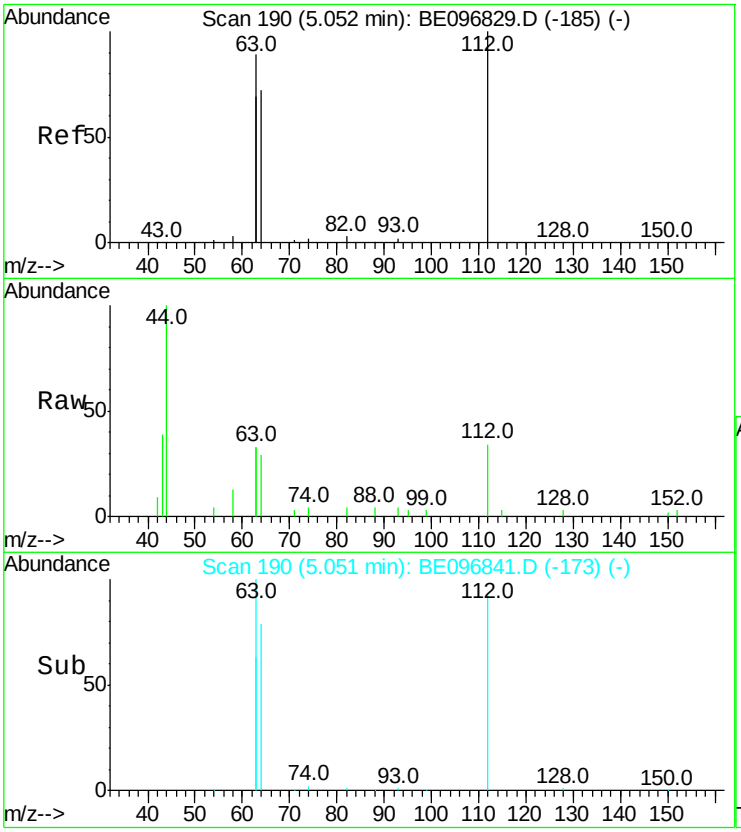


#3
n-Nitrosodimethylamine
Concen: 0.009 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion: 42 Resp: 39

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



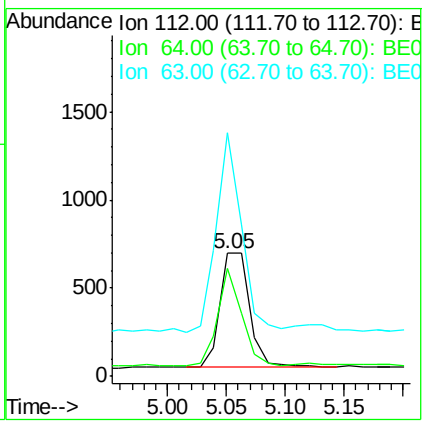


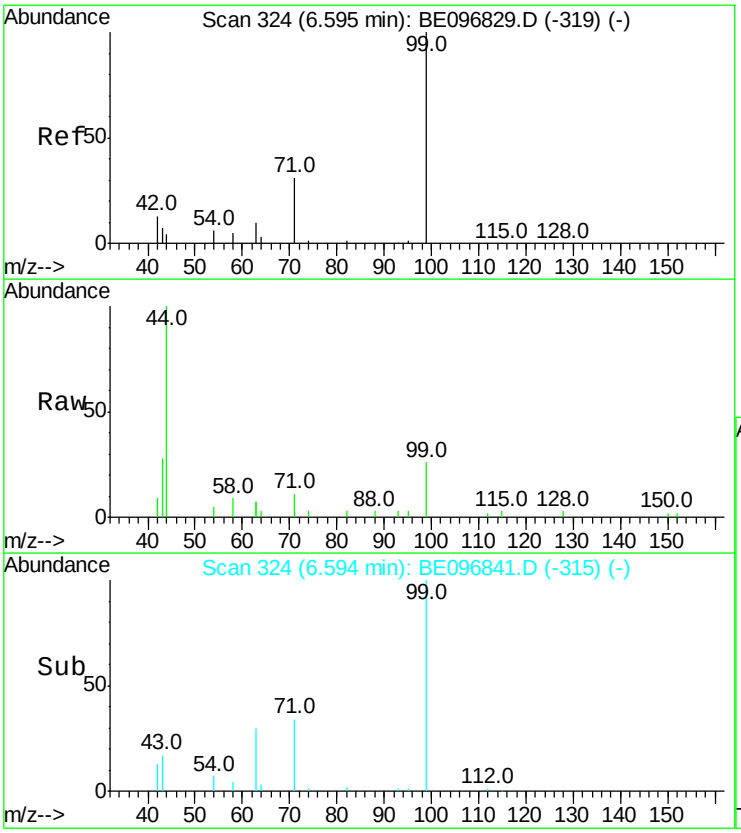
#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 1138

Ion	Ratio	Lower	Upper
112	100		
64	68.3	60.1	90.1
63	145.6	116.8	175.2

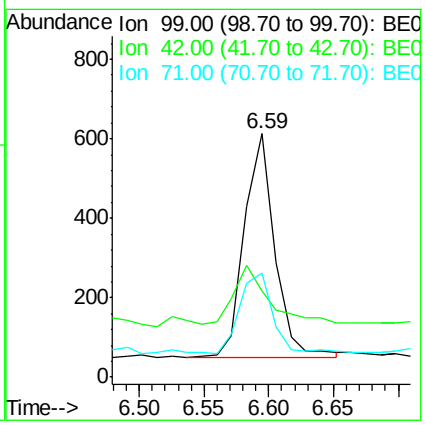


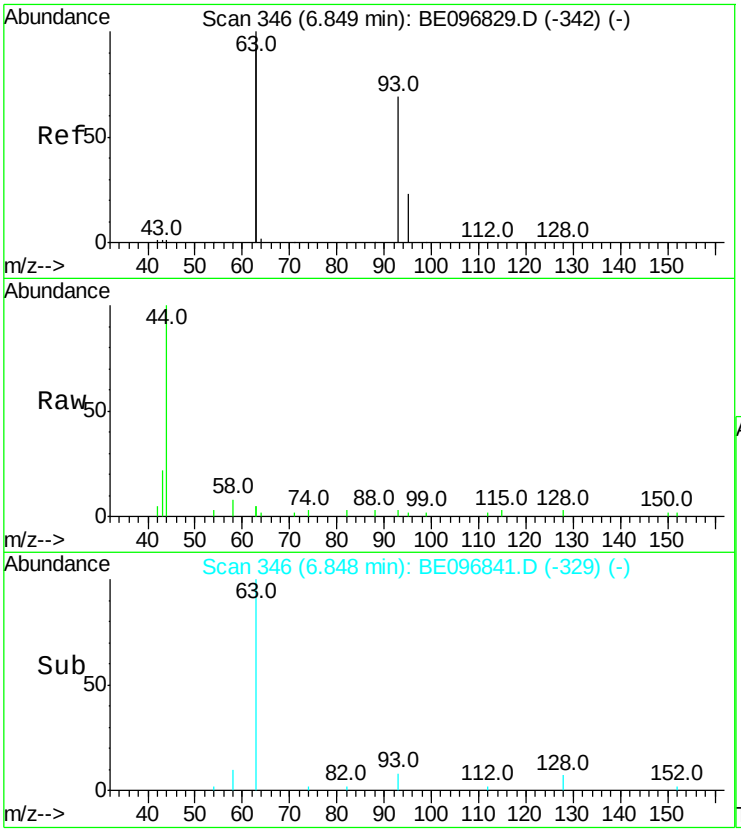


#5
Phenol-d6
Concen: 0.100 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion: 99 Resp: 920

Ion	Ratio	Lower	Upper
99	100		
42	30.5	20.2	30.2#
71	38.0	28.4	42.6



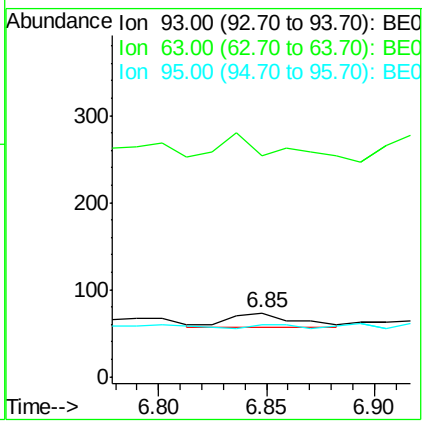


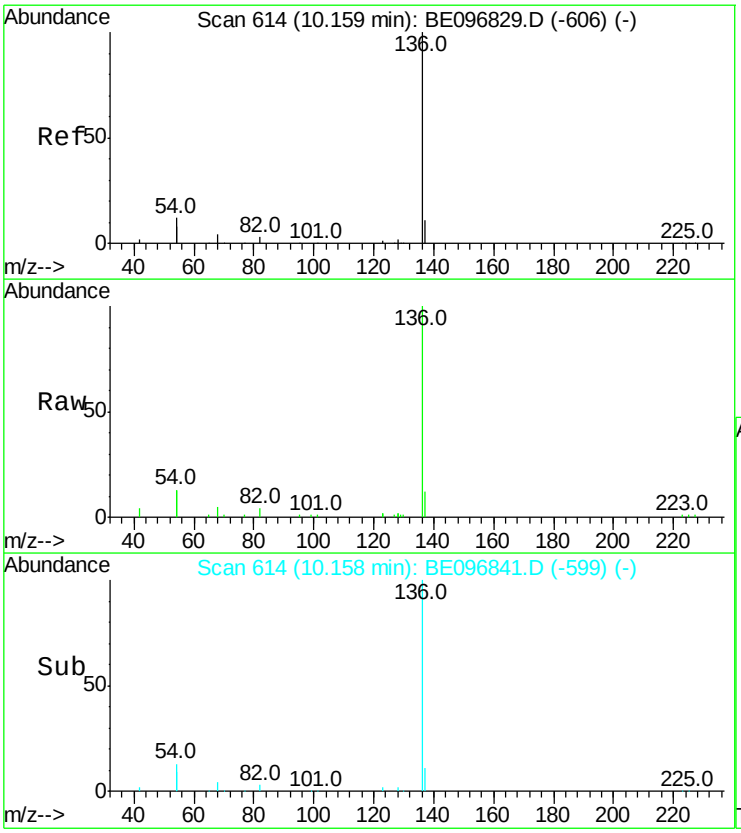
#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 6.85 min Scan# 346
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 33

Ion	Ratio	Lower	Upper
93	100		
63	212.1	275.3	412.9#
95	0.0	25.2	37.8#

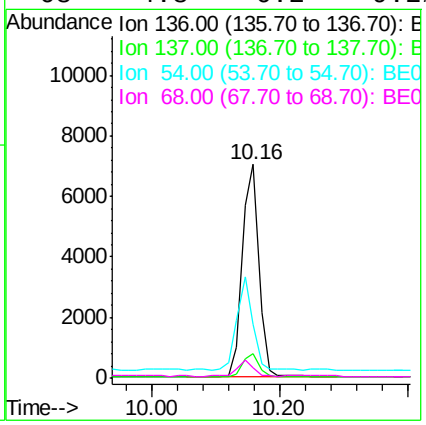


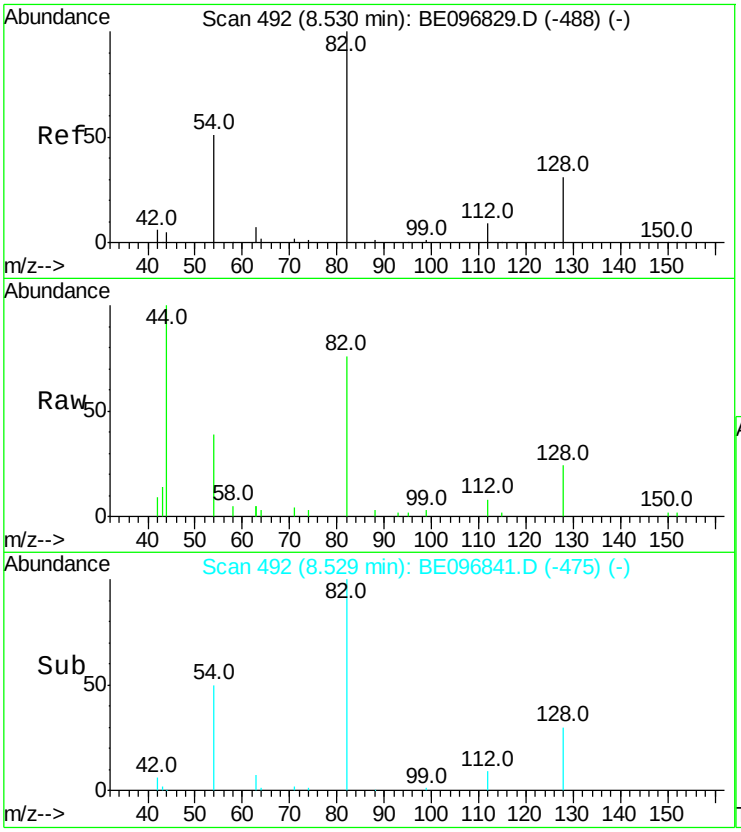


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:136 Resp: 12590

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	25.2	29.1	43.7#
68	4.8	6.2	9.2#



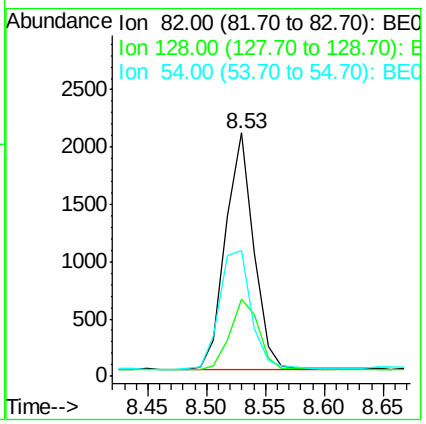


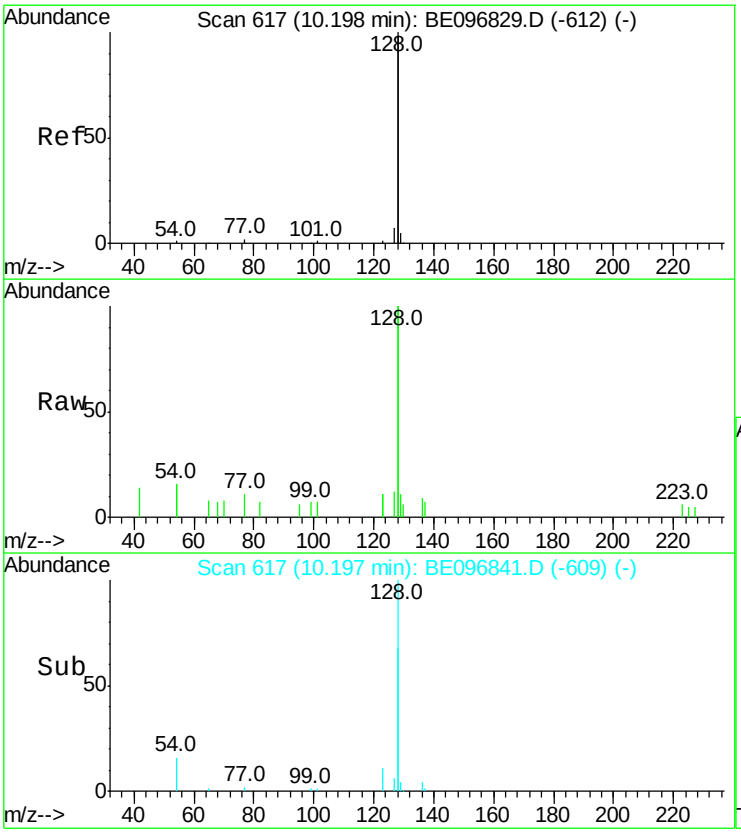
#8
Nitrobenzene-d5
Concen: 0.450 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 3434

Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.0	36.0
54	51.8	40.0	60.0

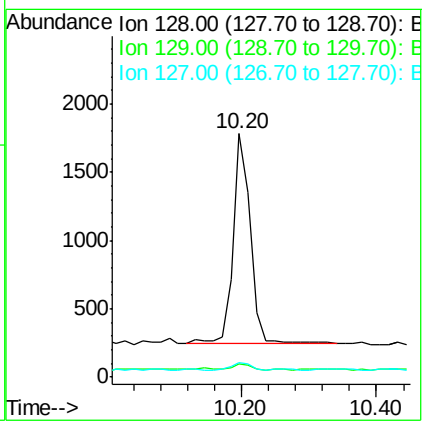


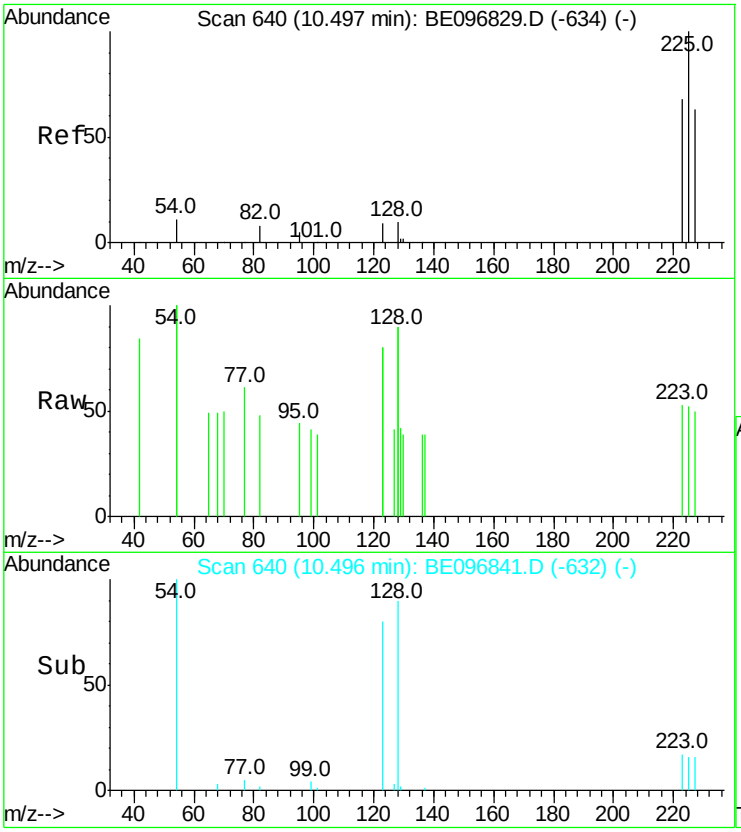


#9
Naphthalene
Concen: 0.024 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:128 Resp: 2722

Ion	Ratio	Lower	Upper
128	100		
129	5.3	2.6	3.8#
127	6.2	2.8	4.2#



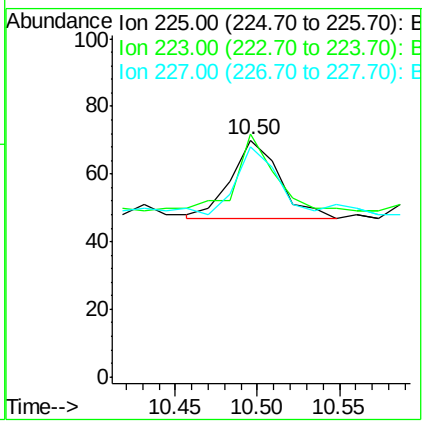


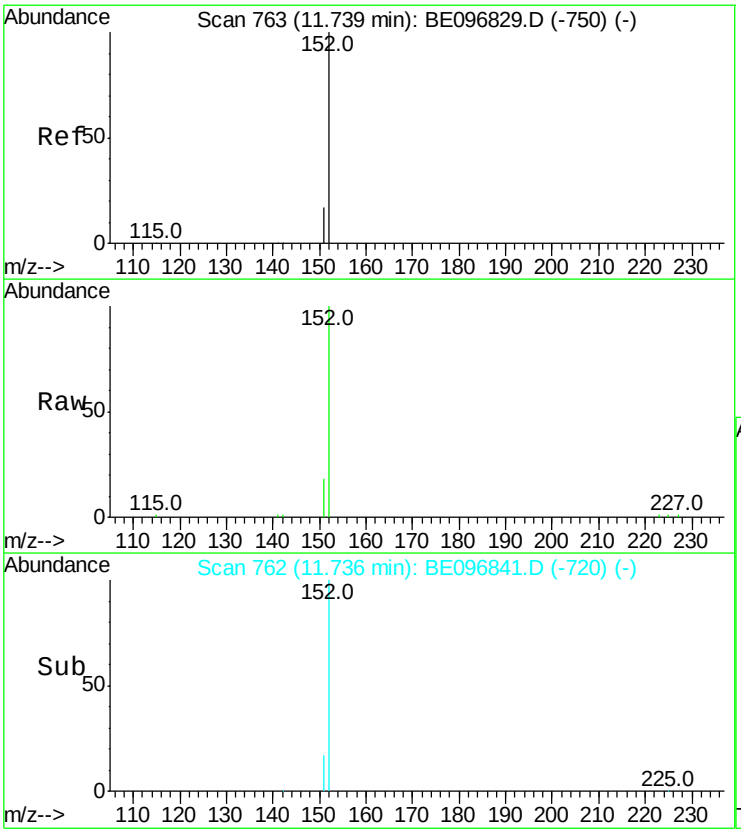
#10
Hexachlorobutadiene
Concen: 0.010 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 48

Ion	Ratio	Lower	Upper
225	100		
223	77.1	53.0	79.6
227	62.5	51.4	77.2

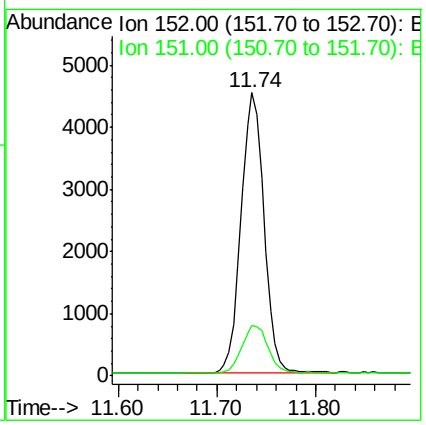


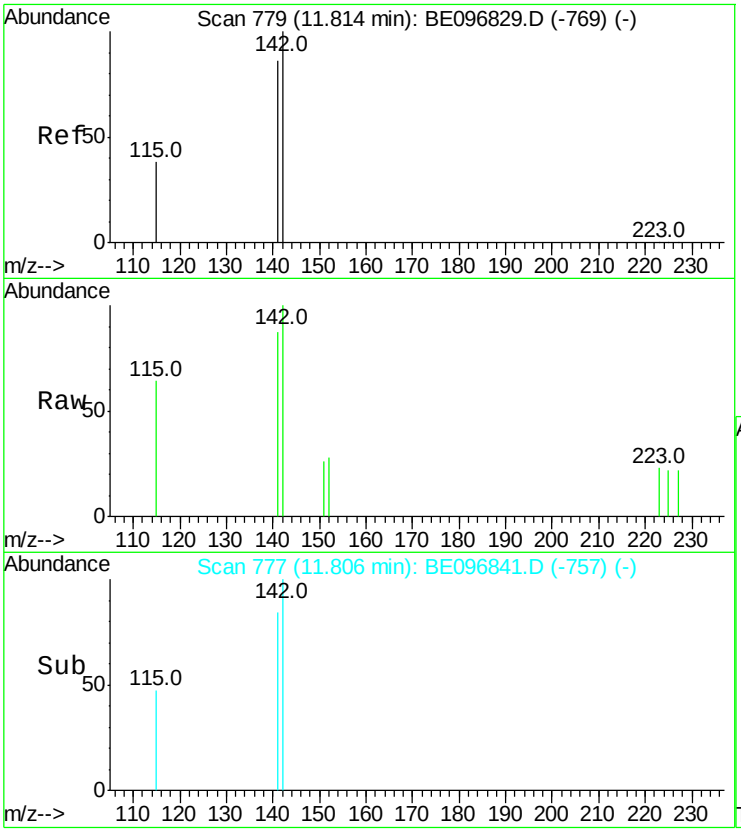


#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.74 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:152 Resp: 7271

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



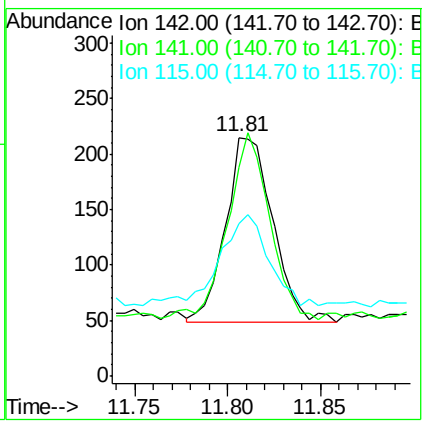


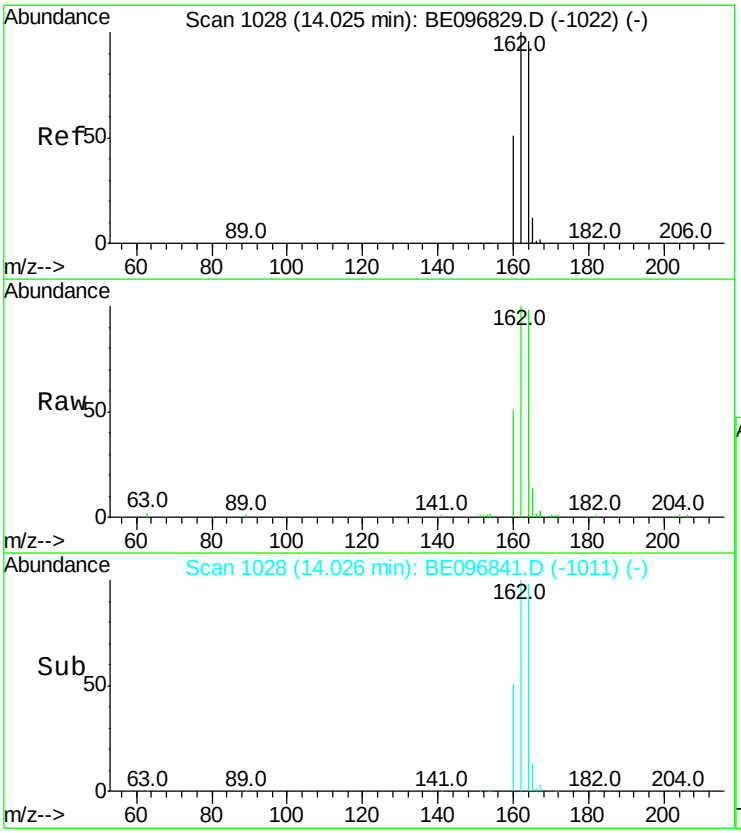
#12
2-Methylnaphthalene
Concen: 0.015 ng
RT: 11.81 min Scan# 777
Delta R.T. -0.01 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 292

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	63.7	31.7	47.5#

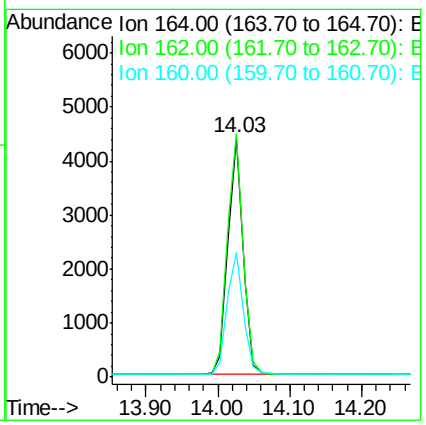


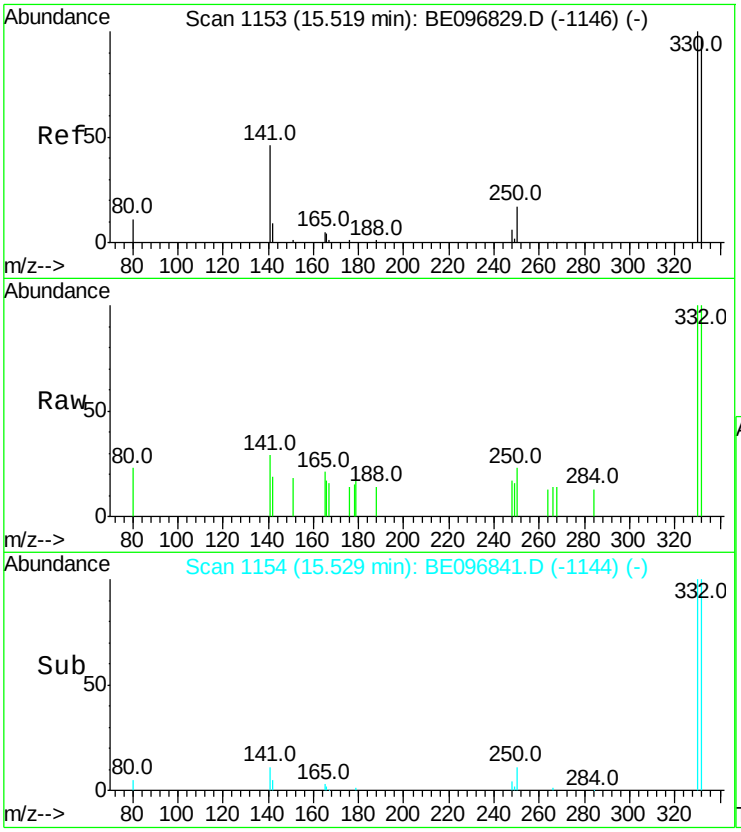


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:164 Resp: 6422

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.1	124.7
160	52.2	37.1	55.7



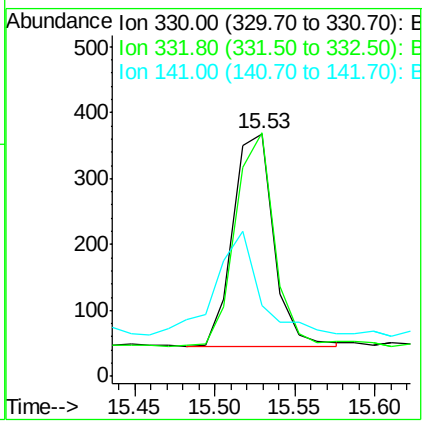


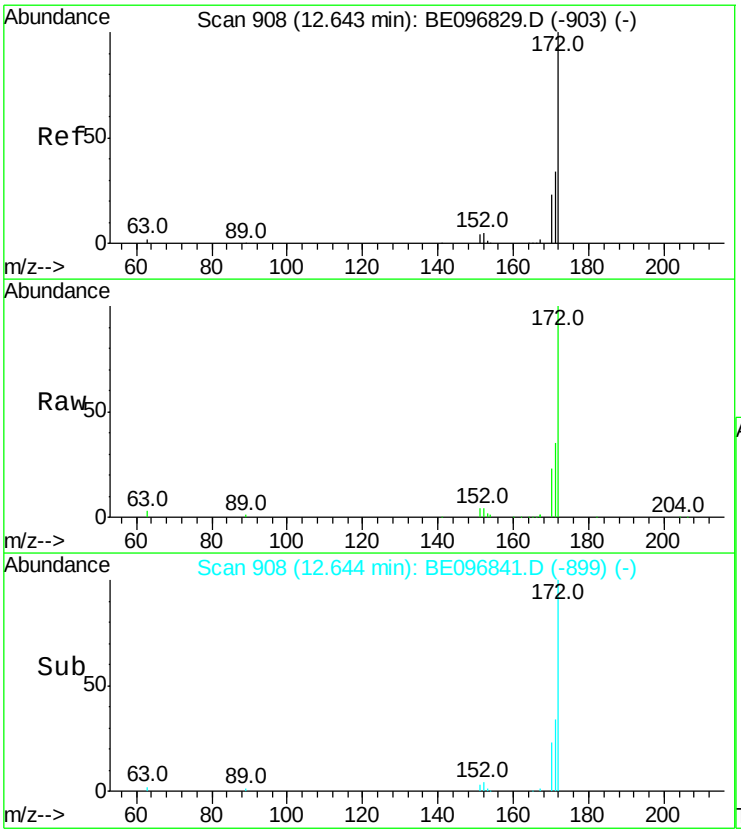
#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 564

Ion	Ratio	Lower	Upper
330	100		
332	95.9	152.7	229.1#
141	52.7	33.7	50.5#

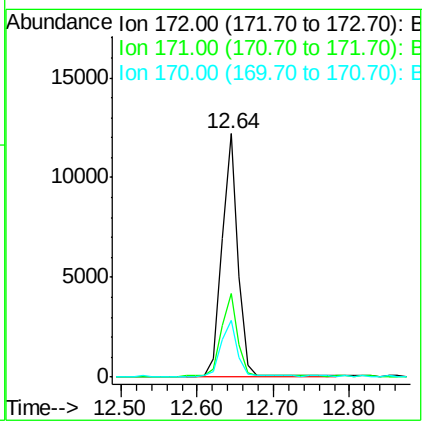


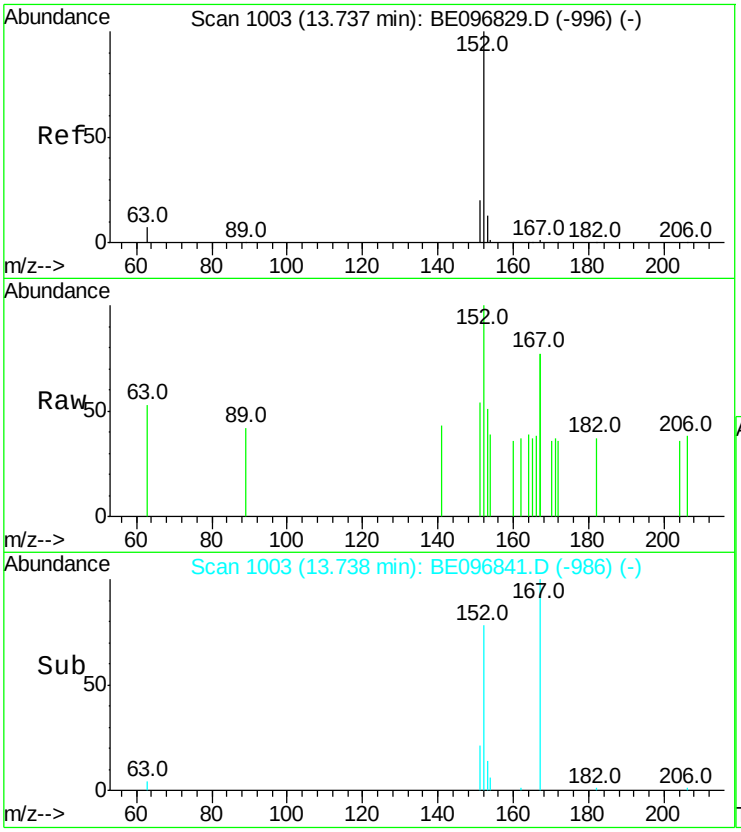


#15
2-Fluorobiphenyl
Concen: 0.757 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:172 Resp: 17797

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	23.1	21.8	32.8



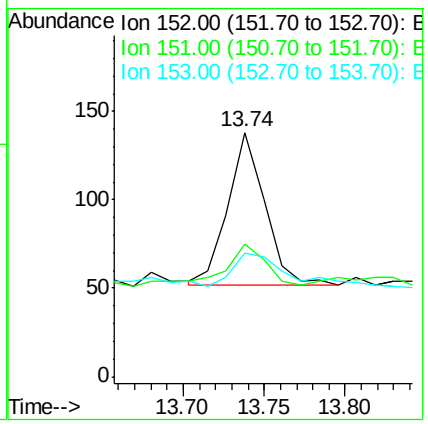


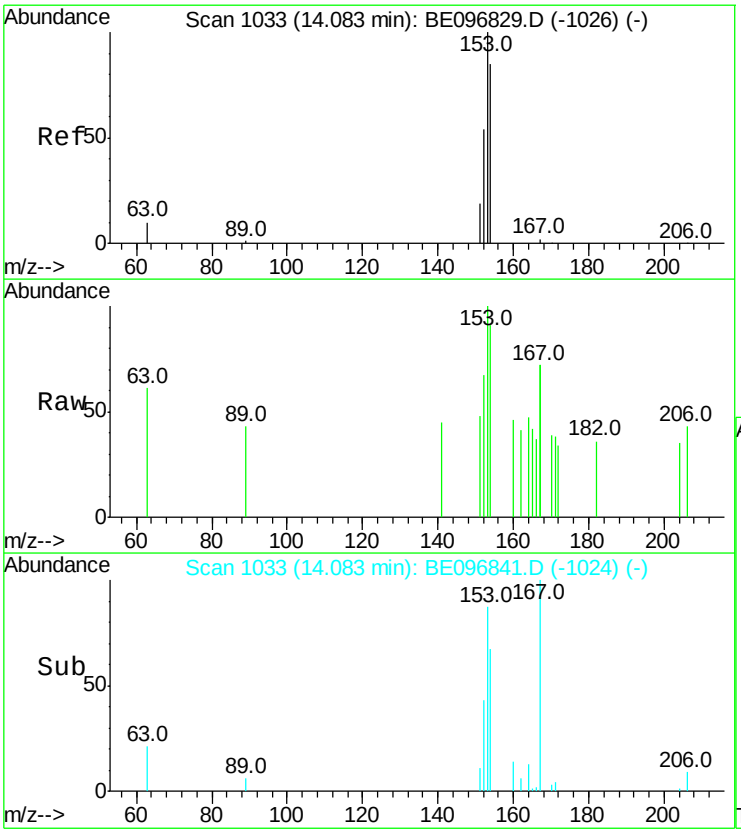
#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 136

Ion	Ratio	Lower	Upper
152	100		
151	33.8	15.7	23.5#
153	32.4	10.5	15.7#

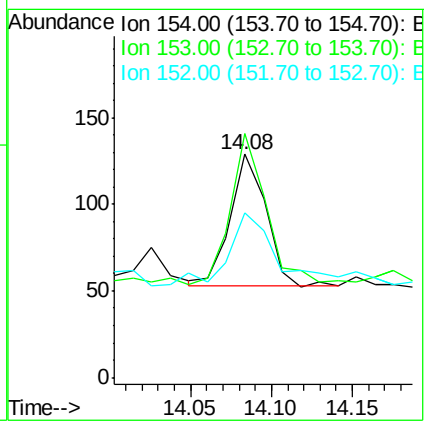


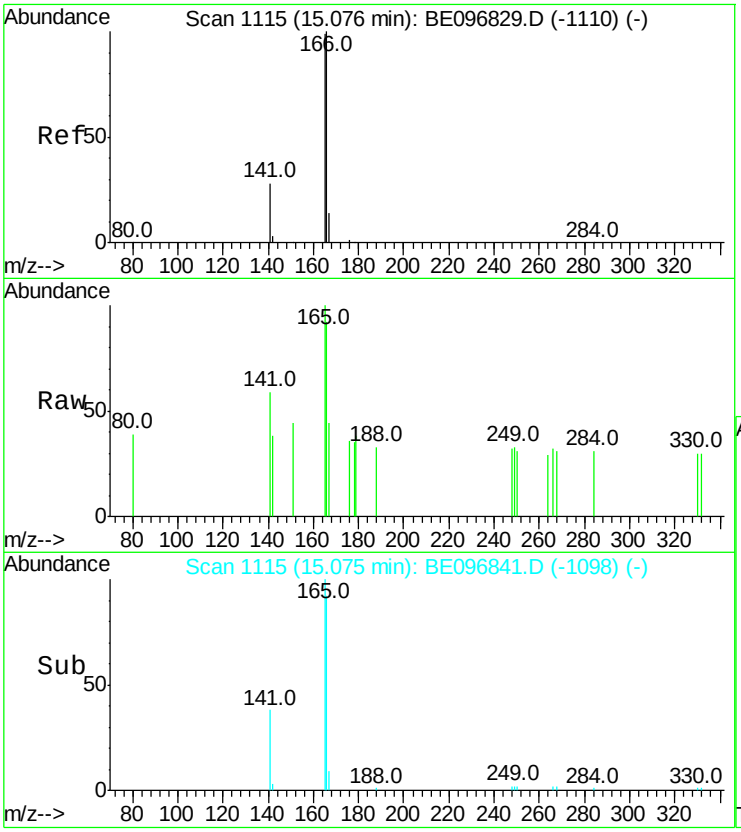


#17
Acenaphthene
Concen: 0.006 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:154 Resp: 115

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.2	133.8
152	69.6	42.0	63.0#



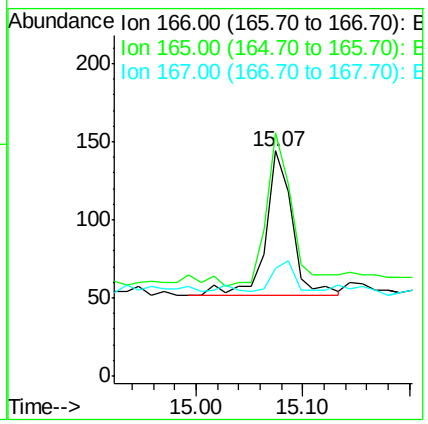


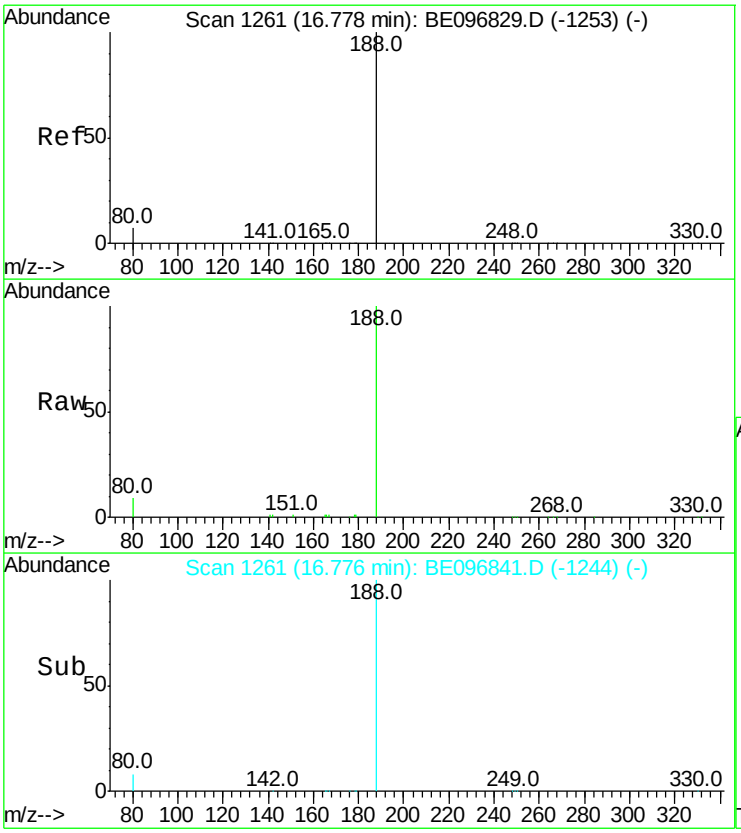
#18
Fluorene
Concen: 0.007 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 155

Ion	Ratio	Lower	Upper
166	100		
165	107.1	77.8	116.6
167	21.3	42.4	63.6#

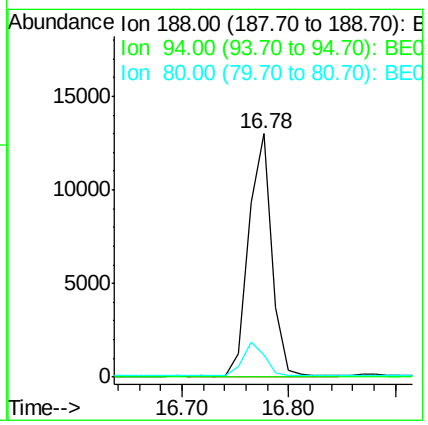


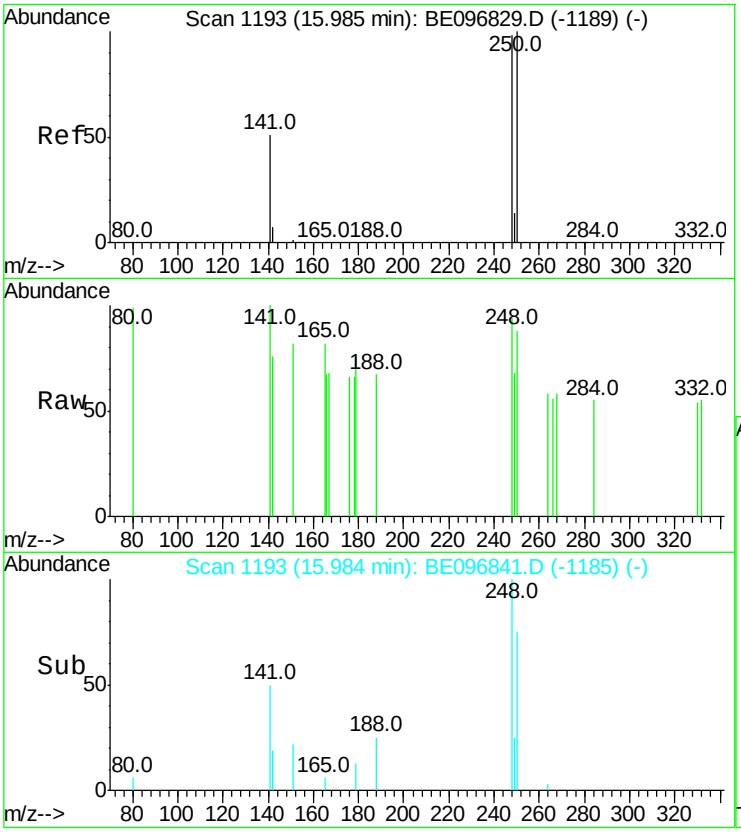


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:188 Resp: 19324

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.9	3.6	5.4#



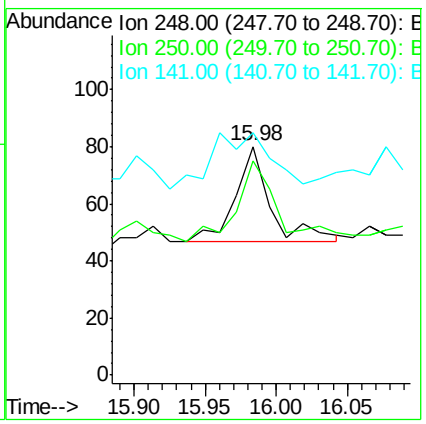


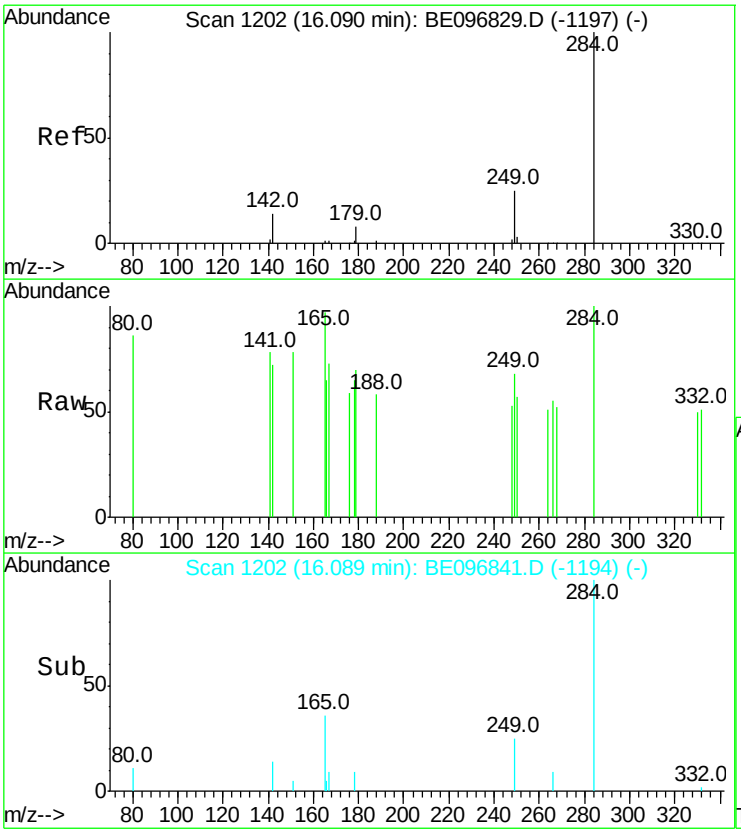
#20
4-Bromophenyl-phenylether
Concen: 0.006 ng
RT: 15.98 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 56

Ion	Ratio	Lower	Upper
248	100		
250	93.8	62.7	94.1
141	106.2	48.2	72.2#

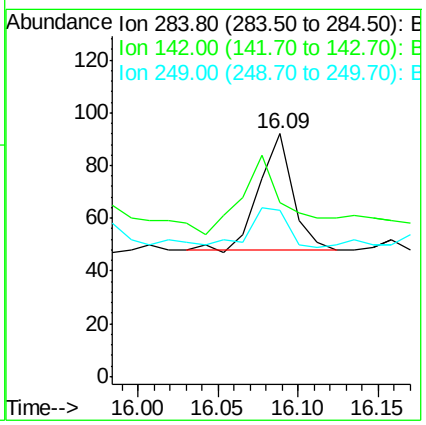


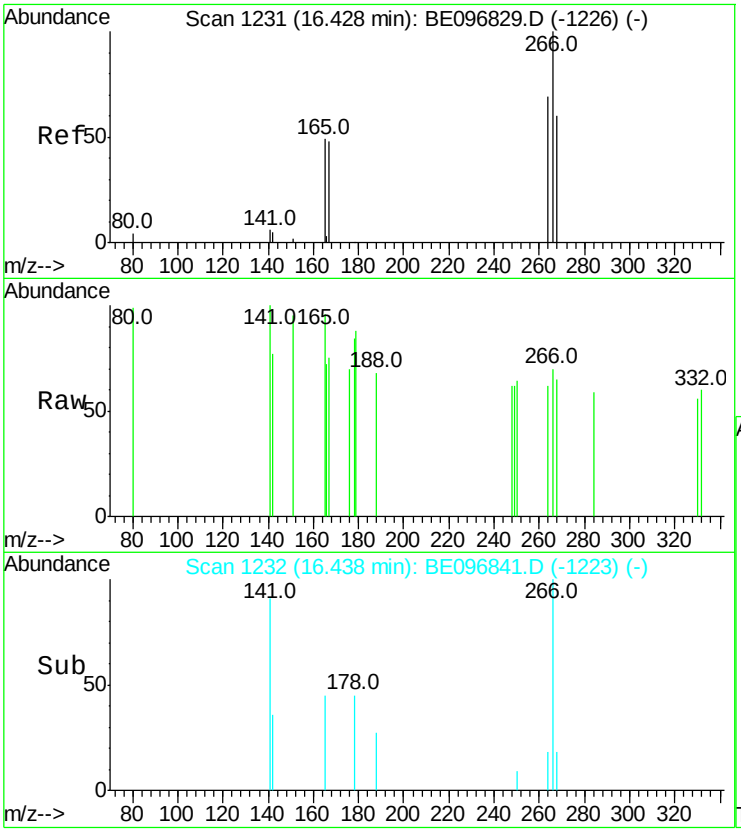


#21
Hexachlorobenzene
Concen: 0.006 ng
RT: 16.09 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:284 Resp: 64

Ion	Ratio	Lower	Upper
284	100		
142	90.6	22.1	33.1#
249	37.5	34.8	52.2



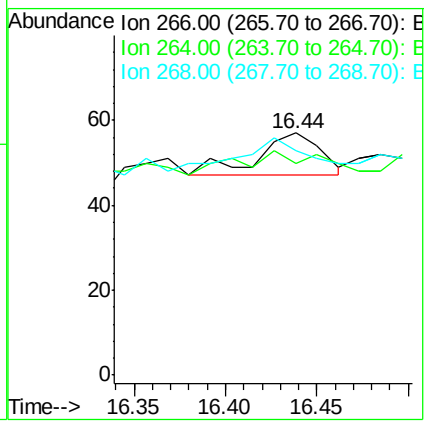


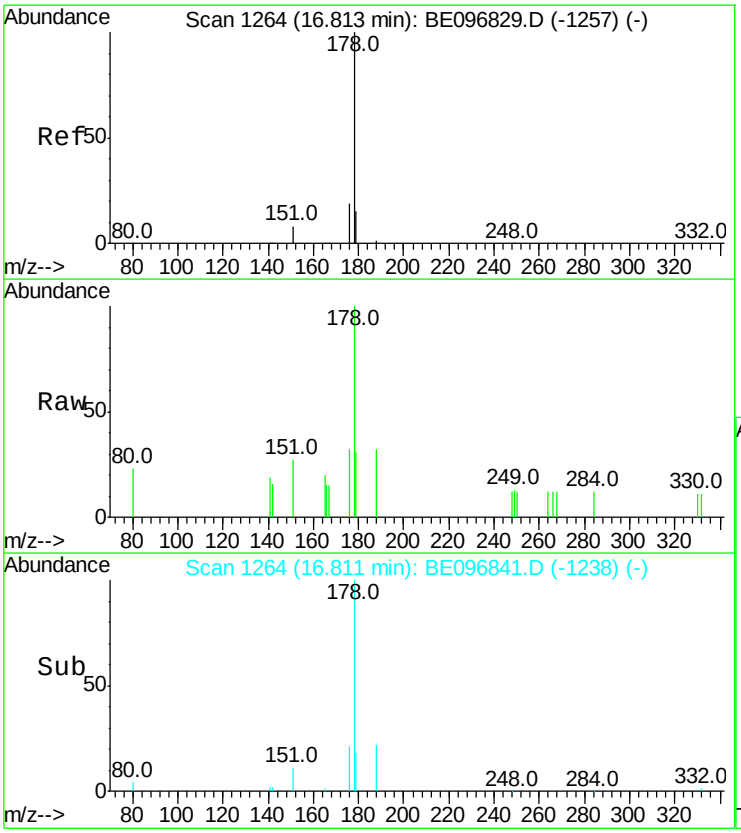
#22
Pentachlorophenol
Concen: 0.051 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 24

Ion	Ratio	Lower	Upper
266	100		
264	87.7	72.5	108.7
268	93.0	73.8	110.6

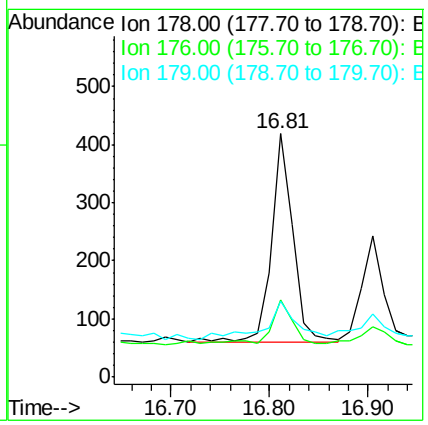


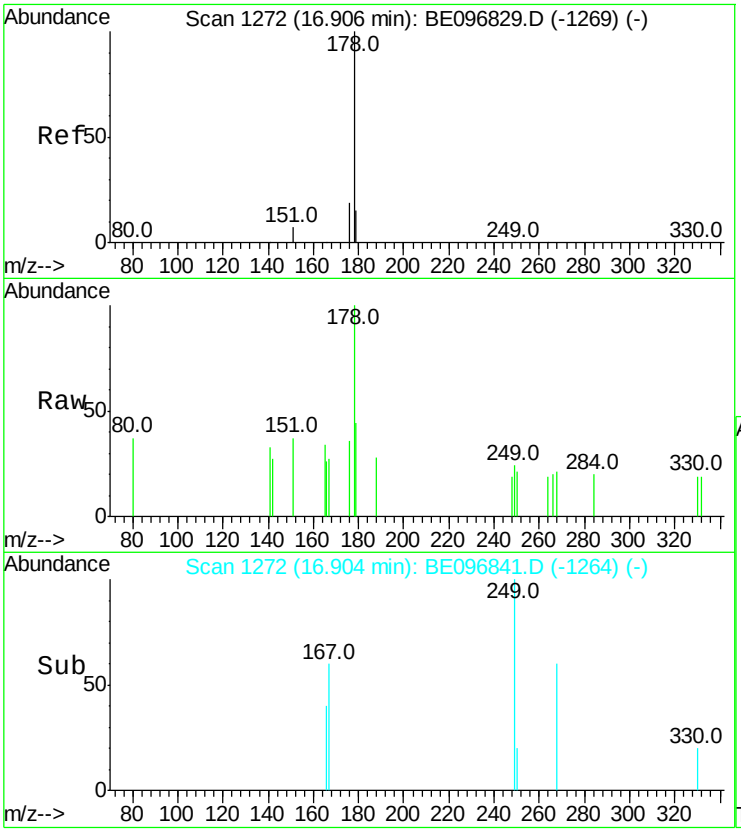


#23
Phenanthrene
Concen: 0.011 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:178 Resp: 542

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.1	22.7
179	26.8	11.8	17.6#



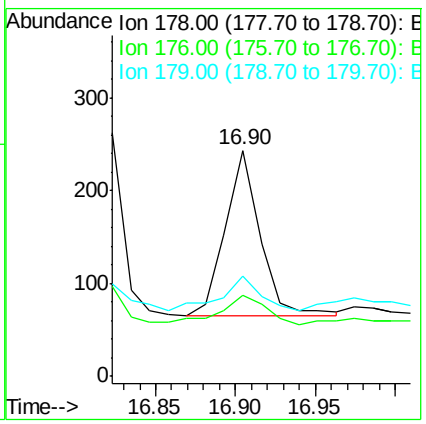


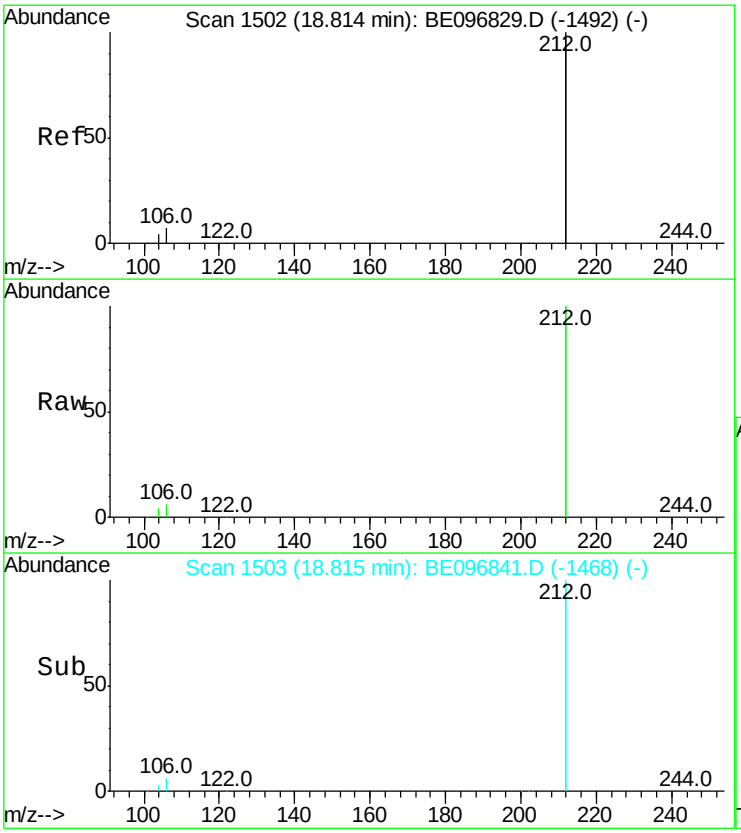
#24
Anthracene
Concen: 0.007 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 268

Ion	Ratio	Lower	Upper
178	100		
176	24.6	12.8	19.2#
179	24.3	13.0	19.6#

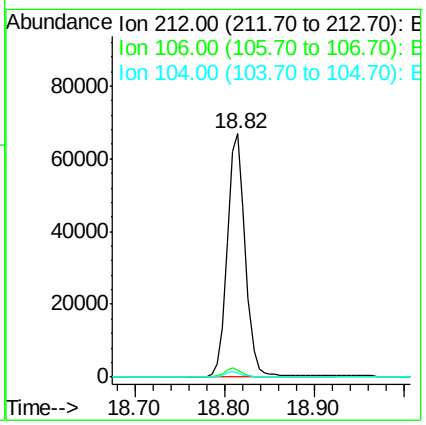


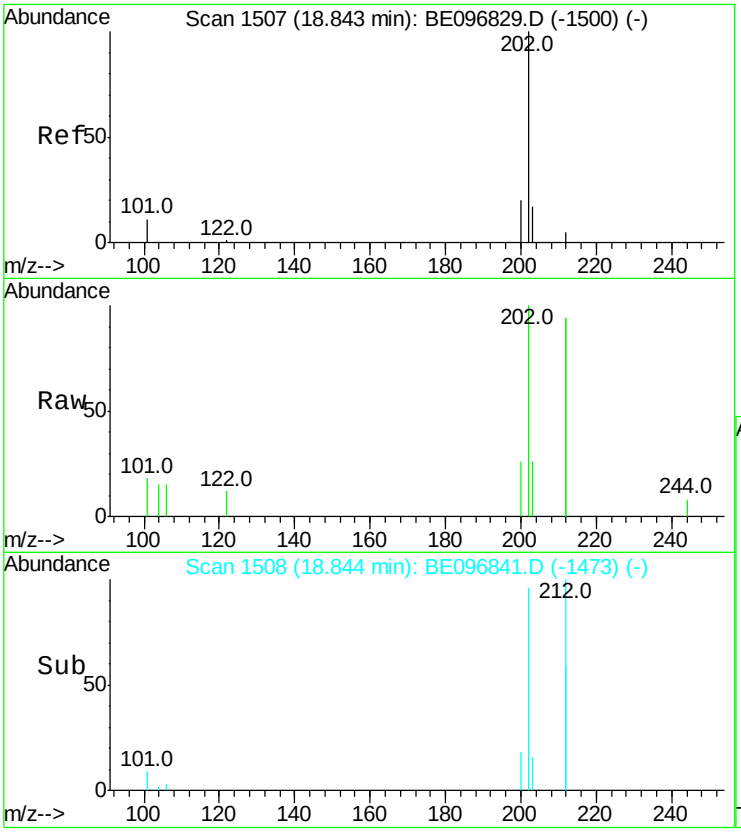


#25
Fluoranthene-d10
Concen: 0.535 ng
RT: 18.82 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:212 Resp: 90932

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4



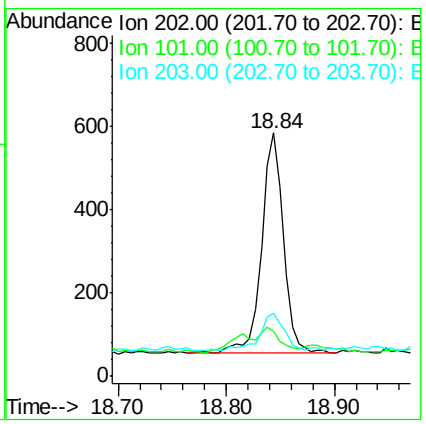


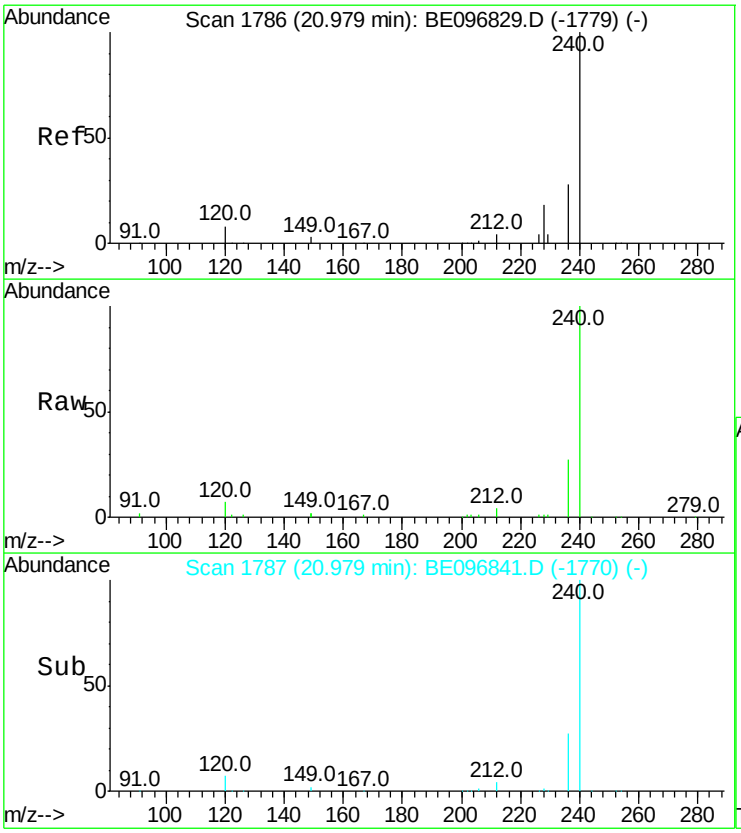
#26
Fluoranthene
Concen: 0.015 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 743

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.8
203	19.0	13.7	20.5

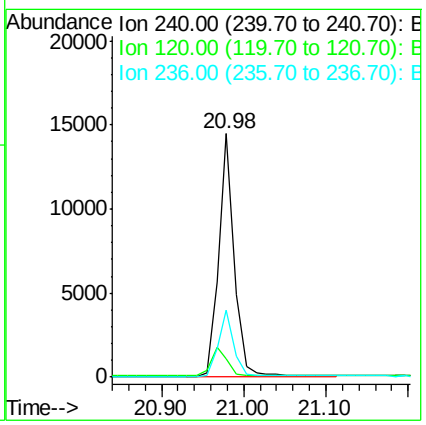


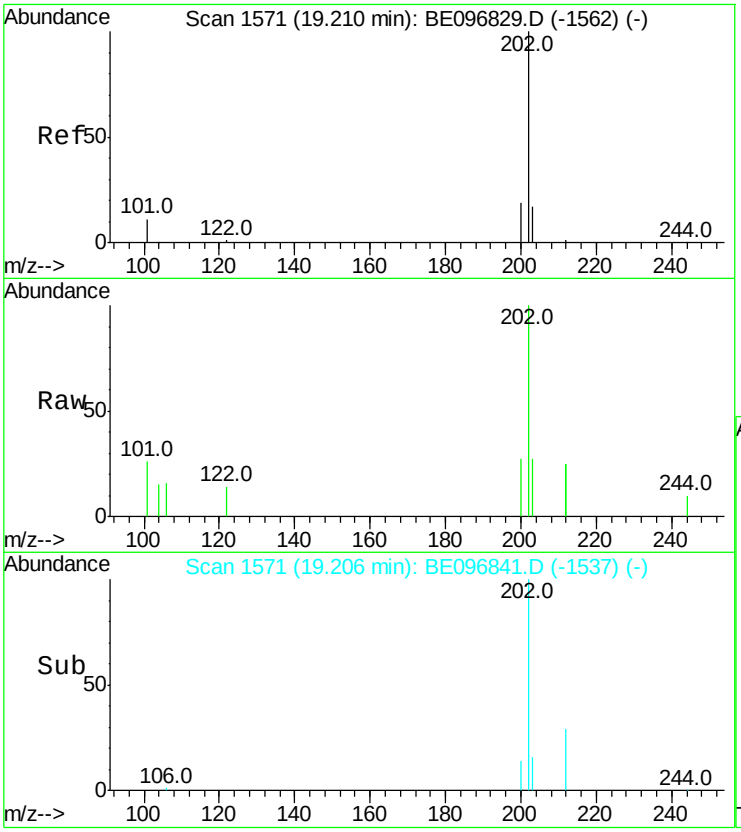


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:240 Resp: 19196

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	27.5	20.7	31.1



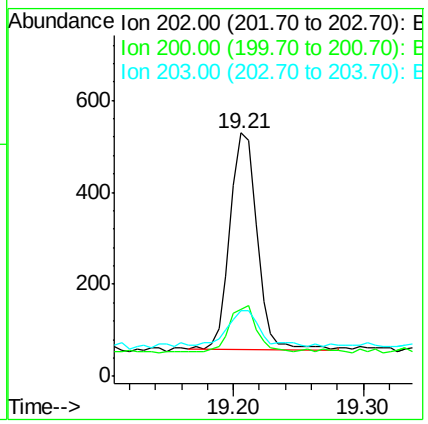


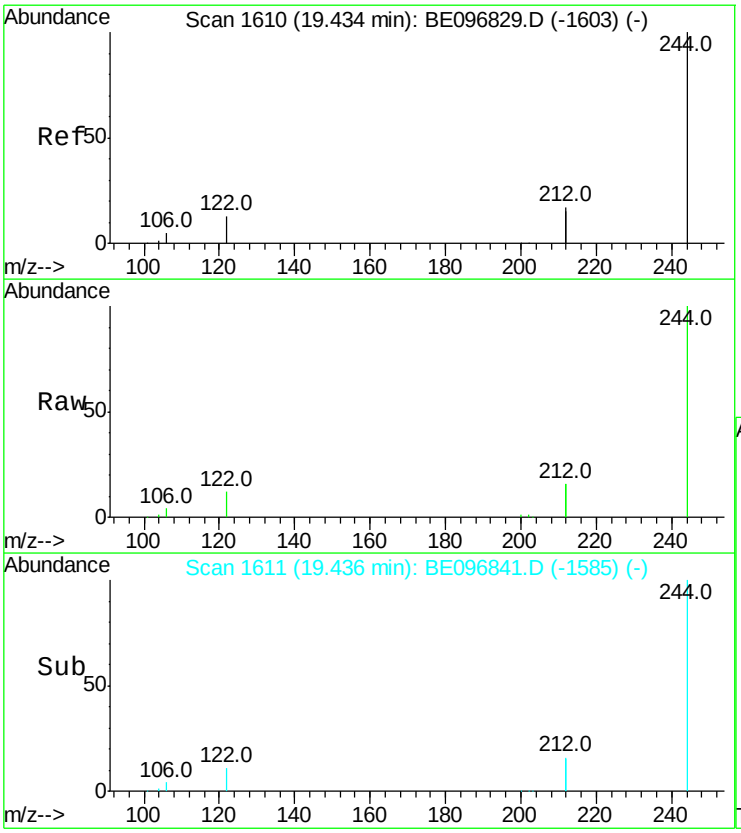
#28
Pyrene
Concen: 0.012 ng
RT: 19.21 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 685

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	21.8	13.8	20.8#

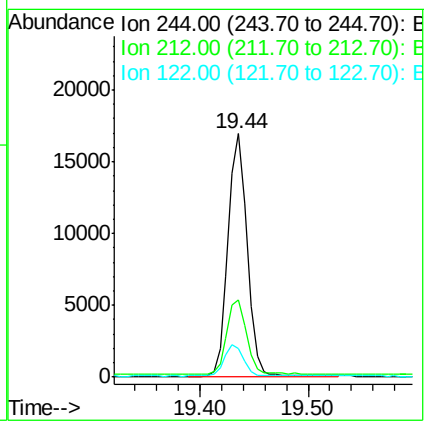


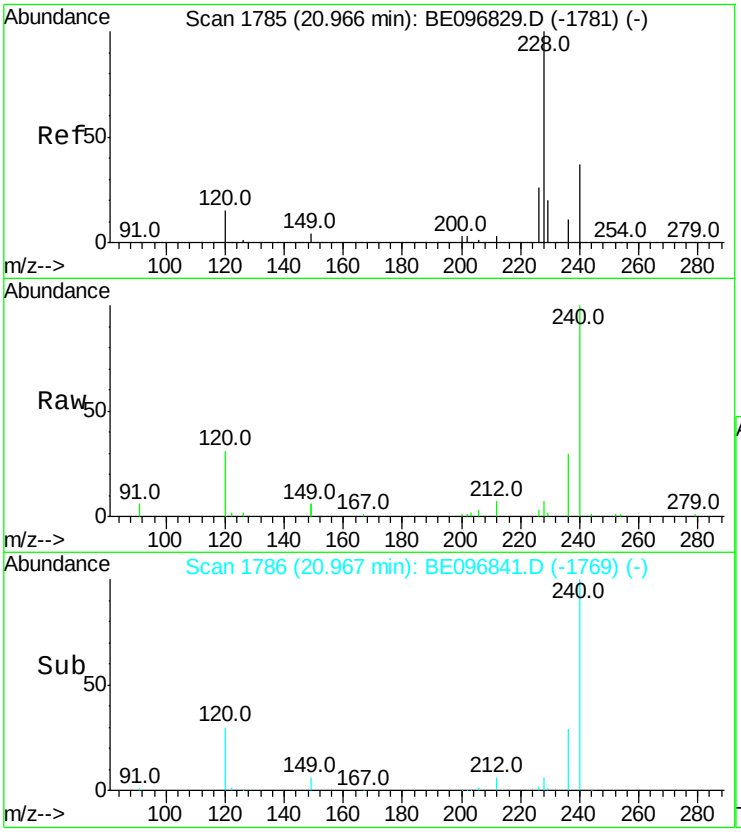


#29
Terphenyl-d14
Concen: 0.556 ng
RT: 19.44 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:244 Resp: 20599

Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.4	38.0
122	11.8	8.1	12.1



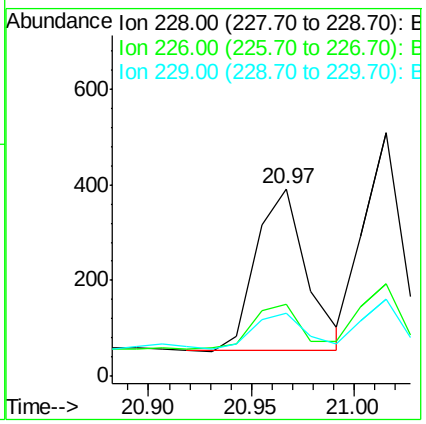


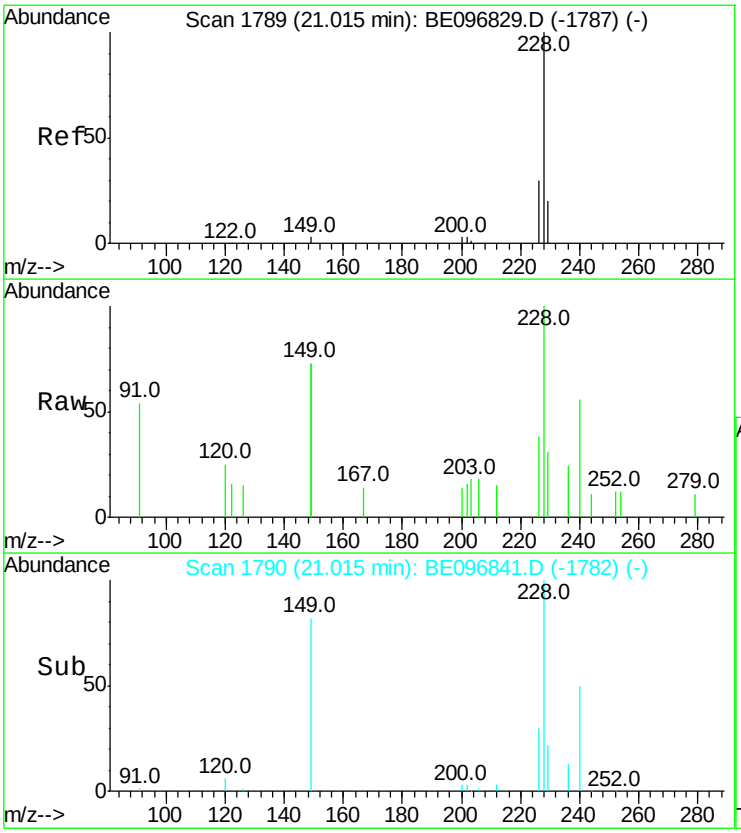
#30
Benzo(a)anthracene
Concen: 0.014 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 577

Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.0	36.0#
229	33.8	16.0	24.0#

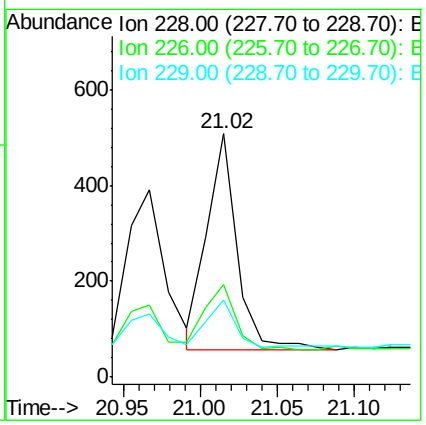


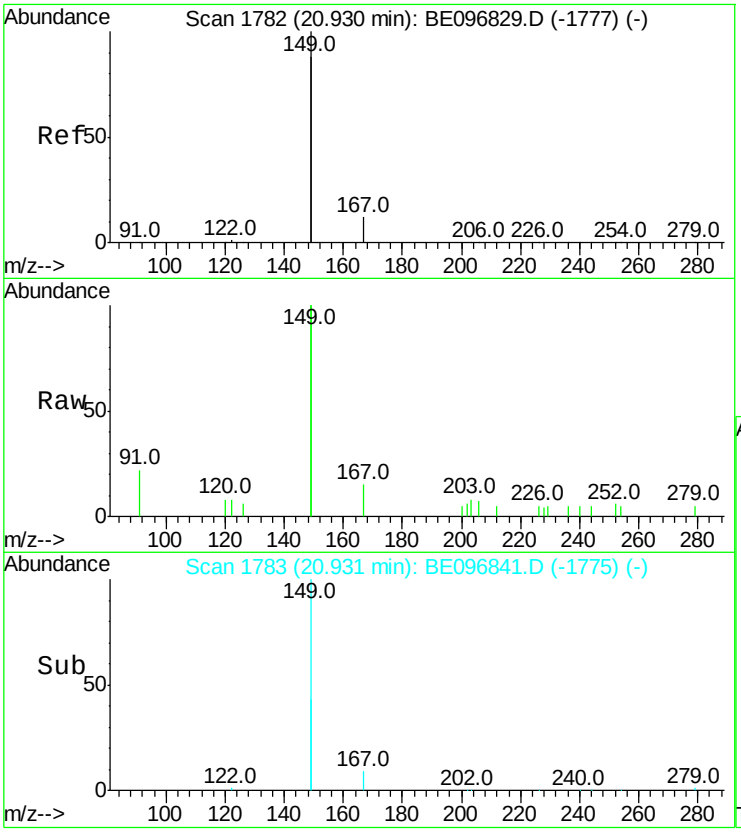


#31
Chrysene
Concen: 0.012 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:228 Resp: 621

Ion	Ratio	Lower	Upper
228	100		
226	38.2	24.0	36.0#
229	31.5	16.0	24.0#



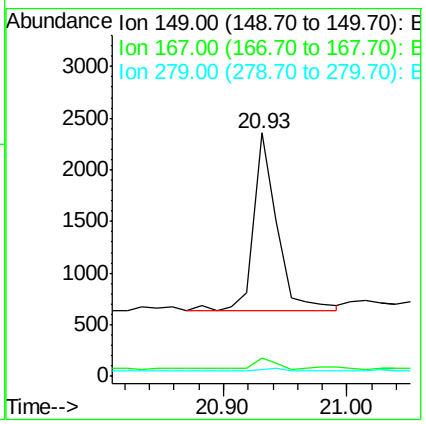


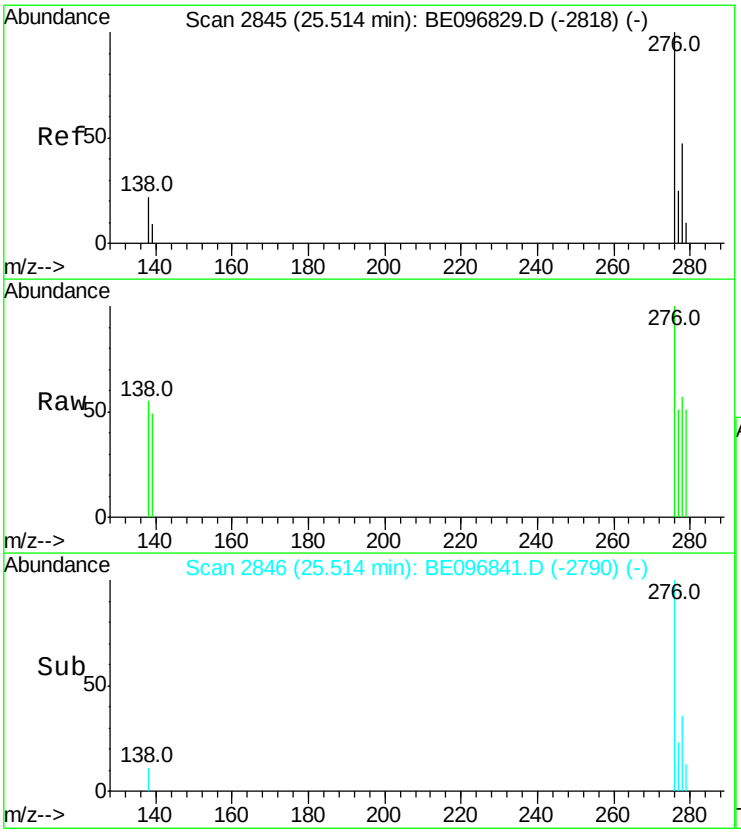
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 2288

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	1.2	0.7	1.1#

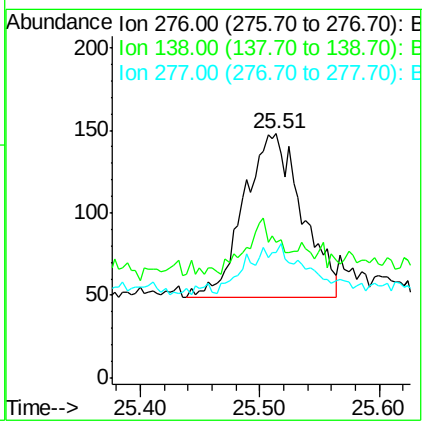


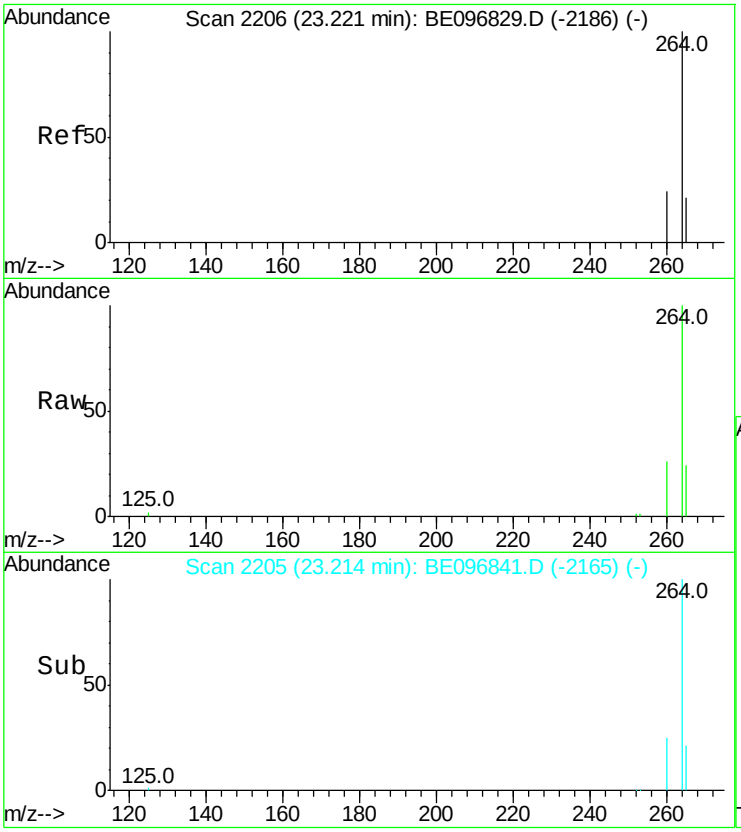


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.009 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:276 Resp: 334

Ion	Ratio	Lower	Upper
276	100		
138	18.0	22.5	33.7#
277	1.2	19.9	29.9#



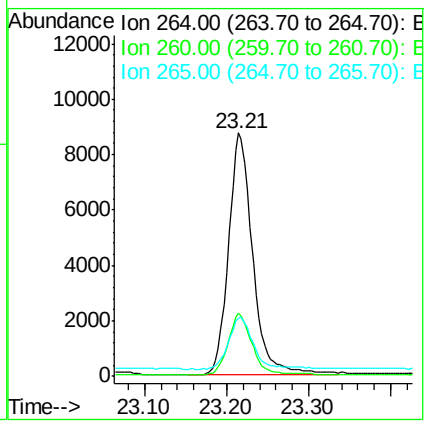


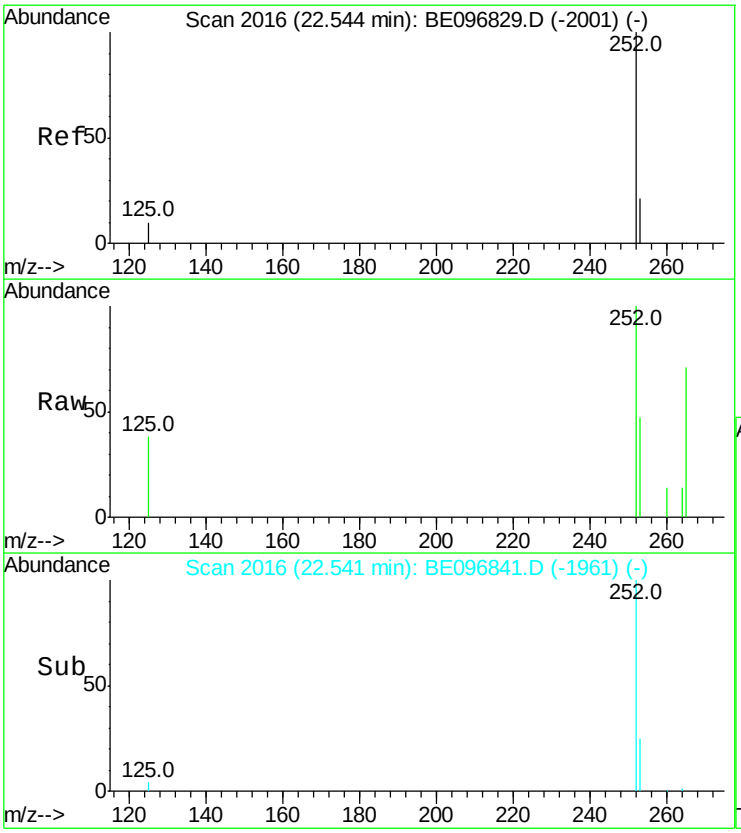
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 17905

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	23.8	22.8	34.2

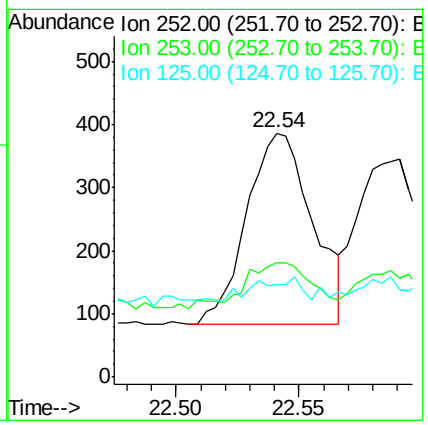


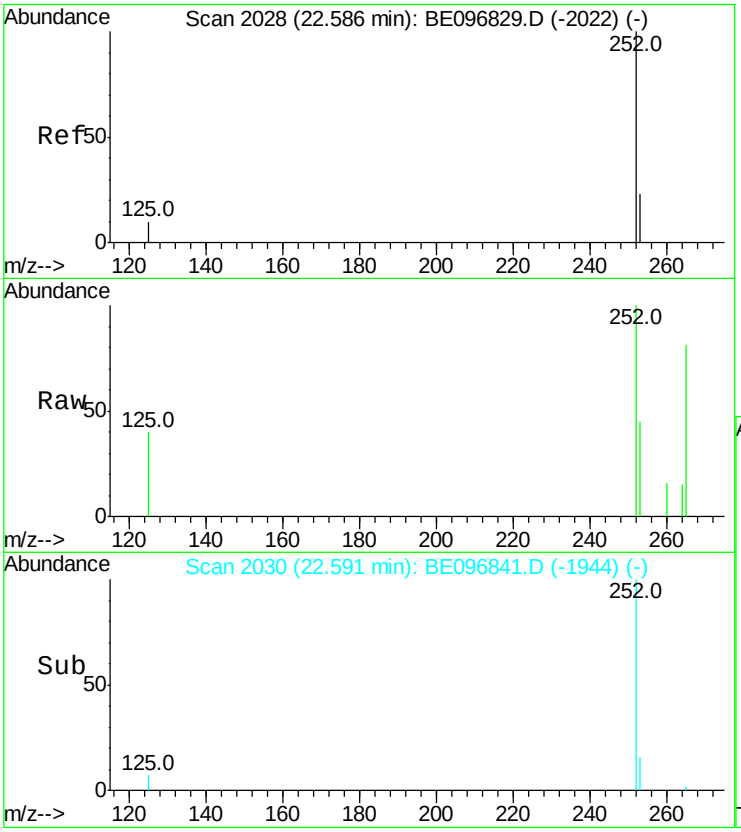


#35
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:252 Resp: 564

Ion	Ratio	Lower	Upper
252	100		
253	46.9	20.0	30.0#
125	37.8	16.0	24.0#



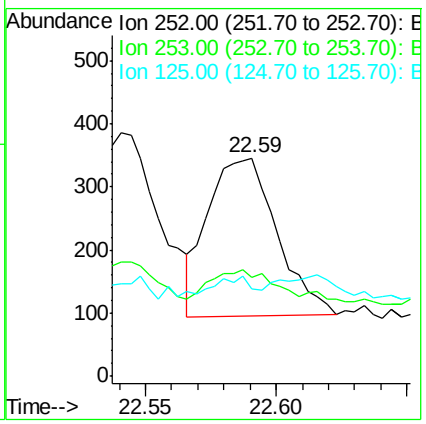


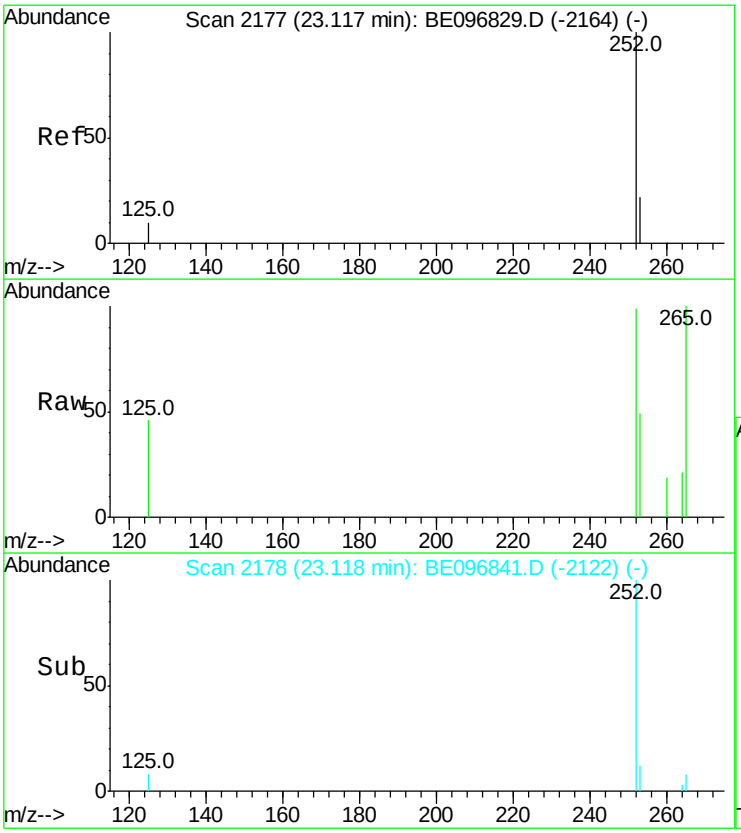
#36
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 458

Ion	Ratio	Lower	Upper
252	100		
253	45.4	16.0	24.0#
125	39.9	8.0	12.0#

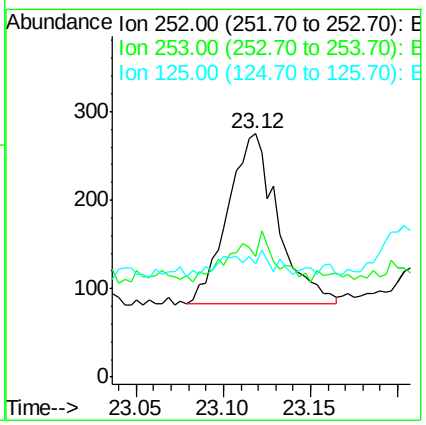


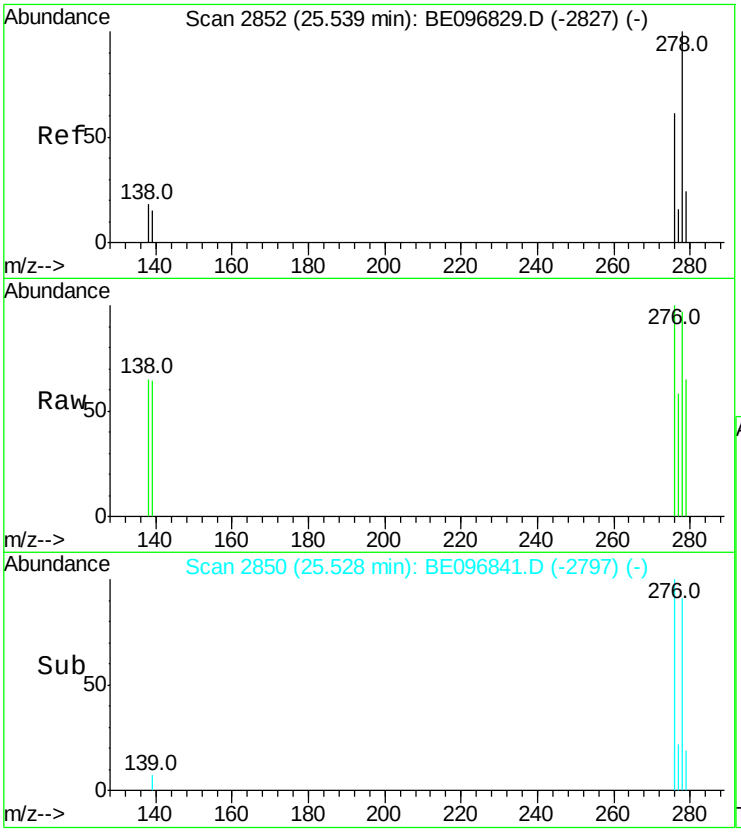


#37
Benzo(a)pyrene
Concen: 0.010 ng
RT: 23.12 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:252 Resp: 384

Ion	Ratio	Lower	Upper
252	100		
253	49.8	16.0	24.0#
125	46.5	12.0	18.0#



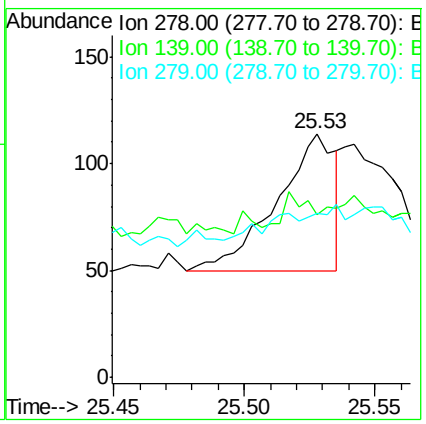


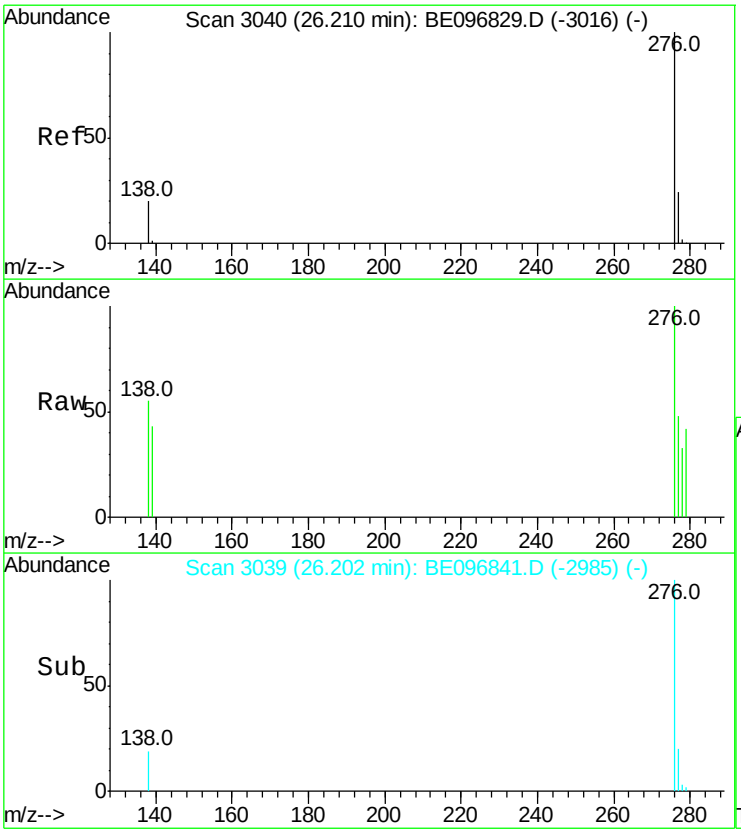
#38
Dibenzo(a,h)anthracene
Concen: 0.111 ng
RT: 25.53 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 99

Ion	Ratio	Lower	Upper
278	100		
139	66.7	16.0	24.0#
279	67.5	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.009 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.01 min
Lab File: BE096841.D
Acq: 21 Jun 2018 12:34

Tgt Ion:276 Resp: 370

Ion	Ratio	Lower	Upper
276	100		
277	47.8	16.0	24.0#
138	54.7	20.0	30.0#