Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
Data File : BE096840.D
Acq On : 21 Jun 2018 11:58
Operator : SJ/JU
Sample : J3552-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 22 02:29:11 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	2632	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	11967	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5974	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	18426	0.40	ng		0.00
27) Chrysene-d12	20.98	240	17296	0.40	ng		0.00
34) Perylene-d12	23.22	264	15640	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1052	0.18	ng		0.00
5) Phenol-d6	6.60	99	879	0.10	ng		0.00
8) Nitrobenzene-d5	8.53	82	3349	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	6484	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	497	0.40	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	19038	0.87	ng		0.00
25) Fluoranthene-d10	18.81	212	74938	0.46	ng		0.00
29) Terphenyl-d14	19.44	244	21816	0.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	80	0.020	ng	#	16
3) n-Nitrosodimethylamine	3.37	42	55	0.013	ng	#	1
6) bis(2-Chloroethyl)ether	6.84	93	28	0.003	ng	#	79
9) Naphthalene	10.20	128	1436	0.013	ng	#	87
10) Hexachlorobutadiene	10.50	225	29	0.006	ng	#	58
12) 2-Methylnaphthalene	11.81	142	200	0.011	ng	#	89
16) Acenaphthylene	13.74	152	95	0.004	ng	#	45
17) Acenaphthene	14.08	154	99	0.006	ng	#	82
18) Fluorene	15.07	166	150	0.007	ng	#	89
20) 4-Bromophenyl-phenylether	15.98	248	87	0.010	ng	#	79
21) Hexachlorobenzene	16.09	284	96	0.010	ng	#	70
22) Pentachlorophenol	16.43	266	19	0.048	ng		97
23) Phenanthrene	16.81	178	436	0.010	ng	#	82
24) Anthracene	16.90	178	328	0.009	ng	#	85
26) Fluoranthene	18.84	202	570	0.012	ng		95
28) Pyrene	19.21	202	559	0.011	ng	#	93
30) Benzo(a)anthracene	20.97	228	516	0.013	ng	#	78
31) Chrysene	21.02	228	542	0.011	ng	#	77
32) Bis(2-ethylhexyl)phthalate	20.93	149	1571	0.046	ng	#	93
33) Indeno(1,2,3-cd)pyrene	25.51	276	346	0.010	ng	#	75
35) Benzo(b)fluoranthene	22.54	252	477	0.011	ng	#	56
36) Benzo(k)fluoranthene	22.59	252	412	0.090	ng	#	31
37) Benzo(a)pyrene	23.11	252	360	0.011	ng	#	17
38) Dibenzo(a,h)anthracene	25.54	278	224	0.114	ng	#	22
39) Benzo(g,h,i)perylene	26.21	276	372	0.010	ng	#	44

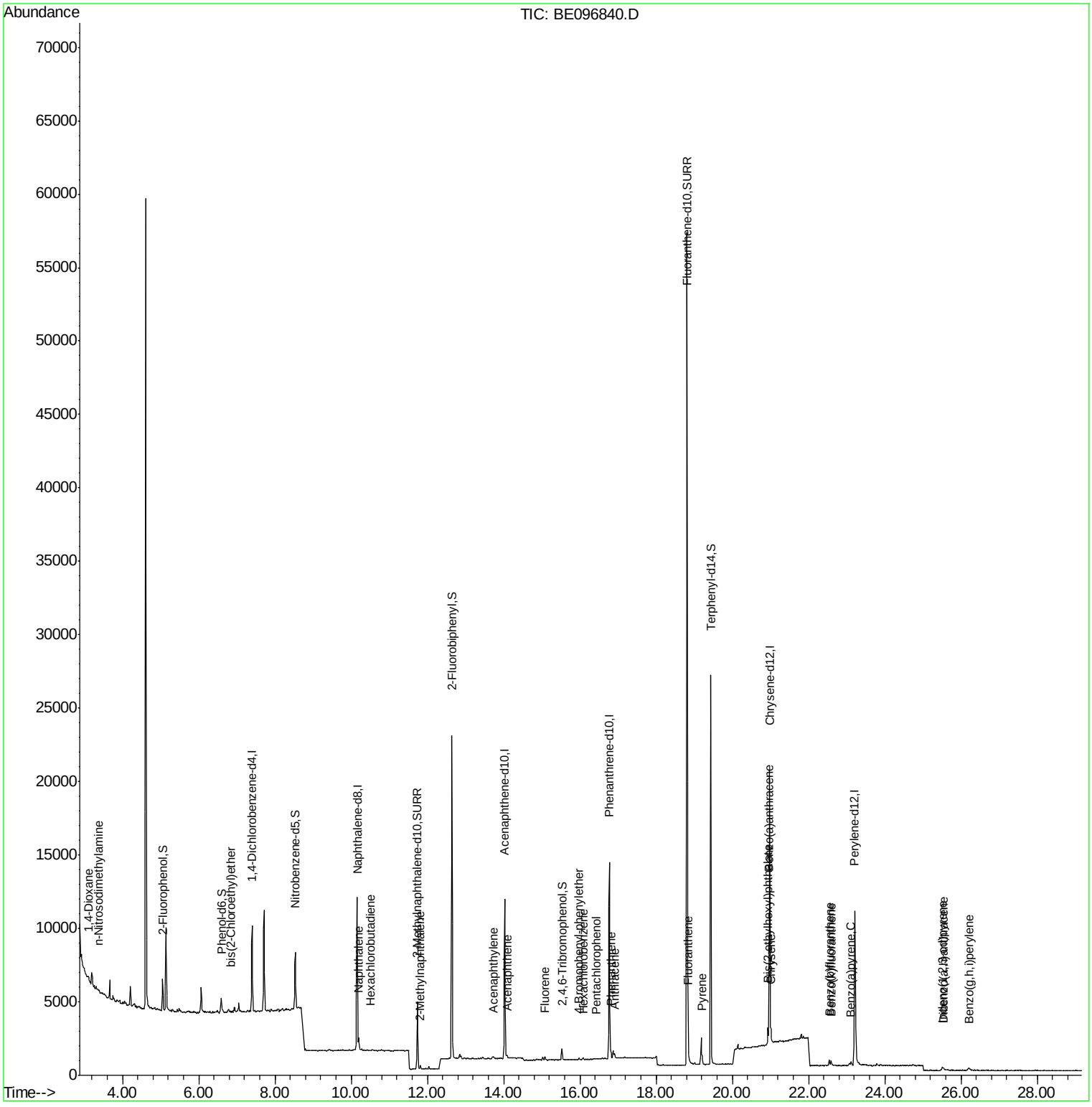
(#) = qualifier out of range (m) = manual integration (+) = signals summed

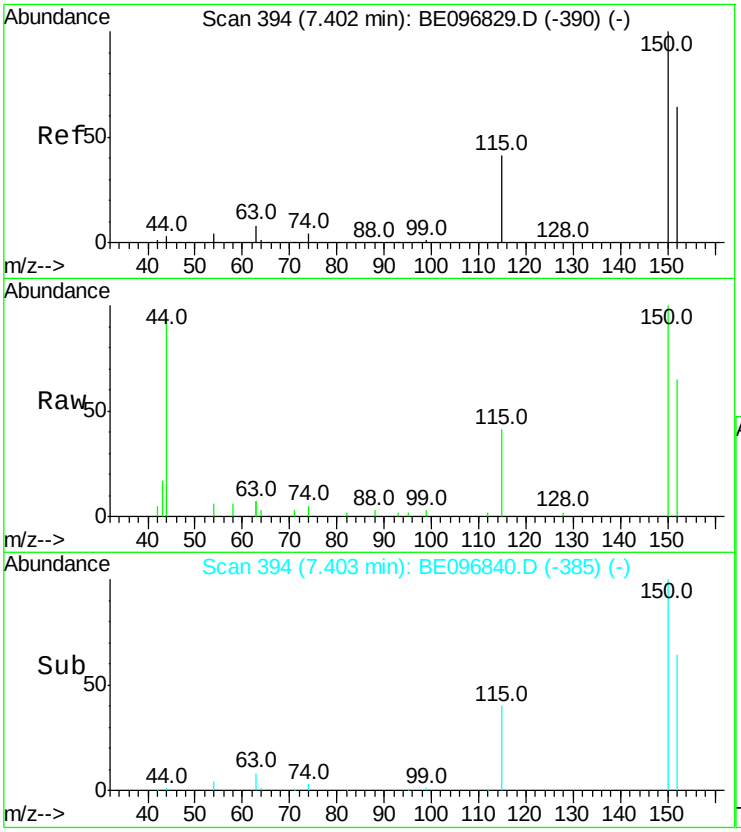
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
Data File : BE096840.D
Acq On : 21 Jun 2018 11:58
Operator : SJ/JU
Sample : J3552-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 22 02:29:11 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



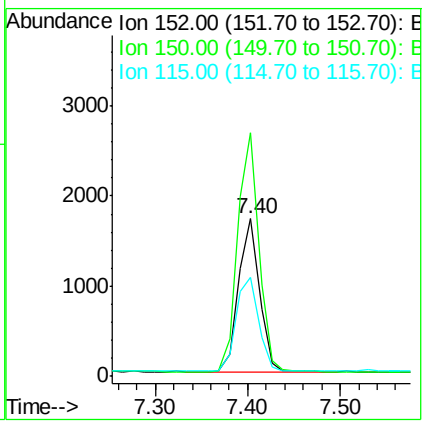


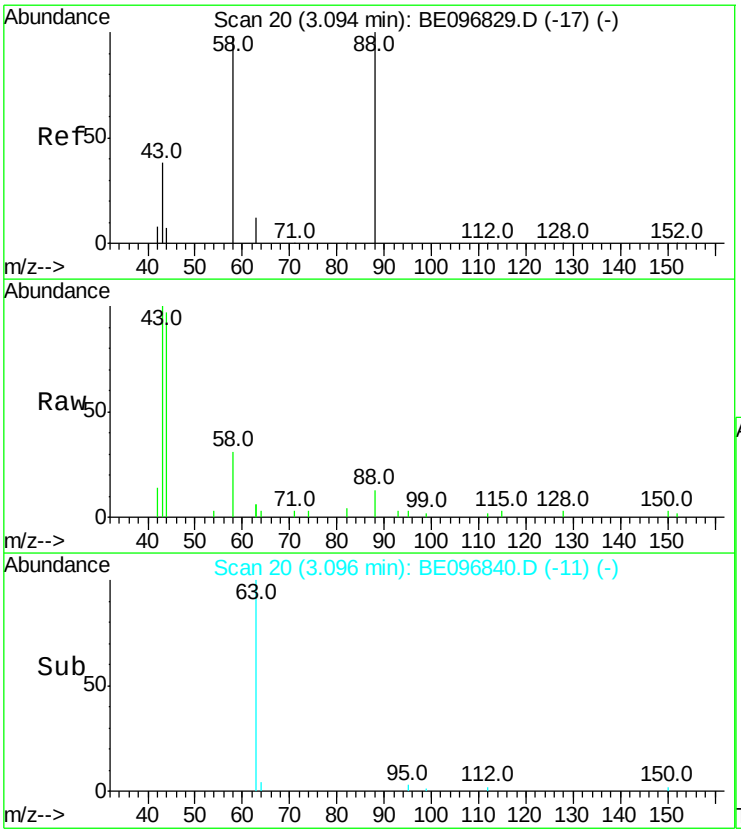
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2632

Ion	Ratio	Lower	Upper
152	100		
150	154.8	117.2	175.8
115	63.2	57.0	85.6

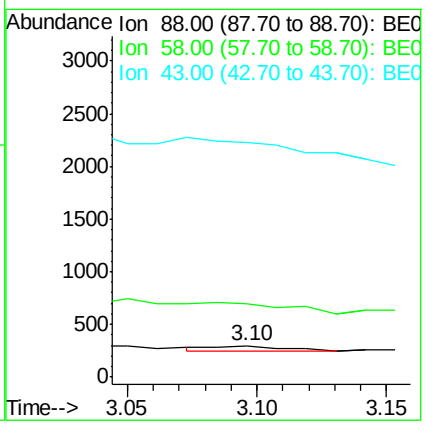


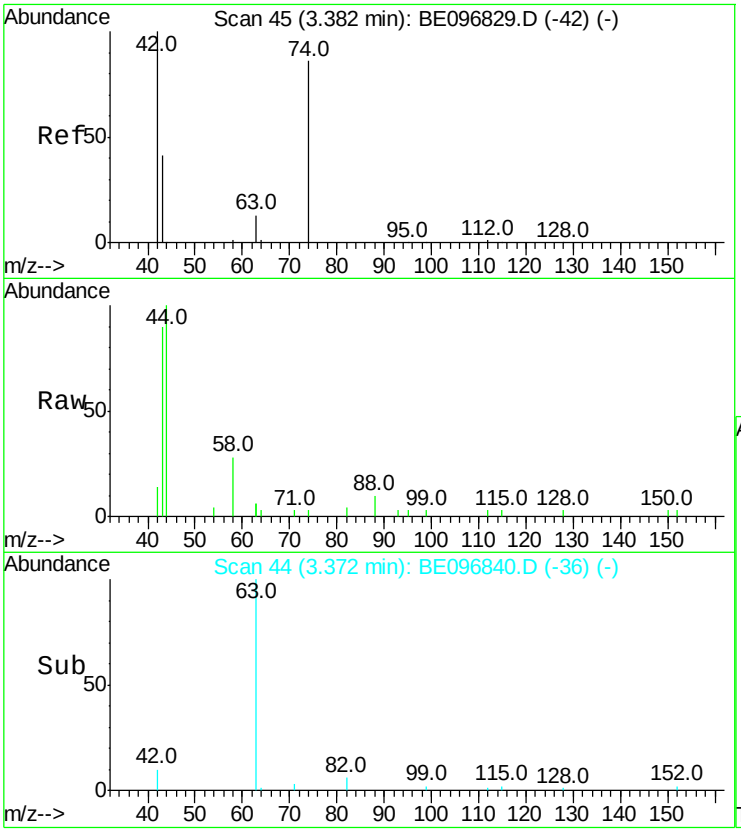


#2
1,4-Dioxane
Concen: 0.020 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion: 88 Resp: 80

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



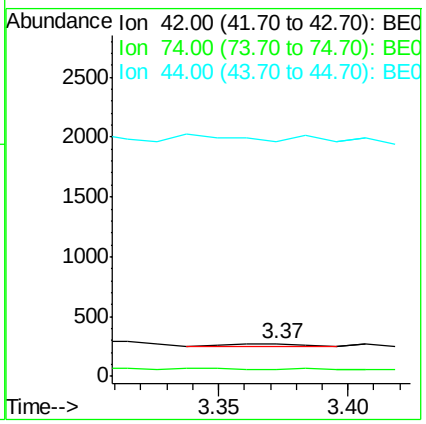


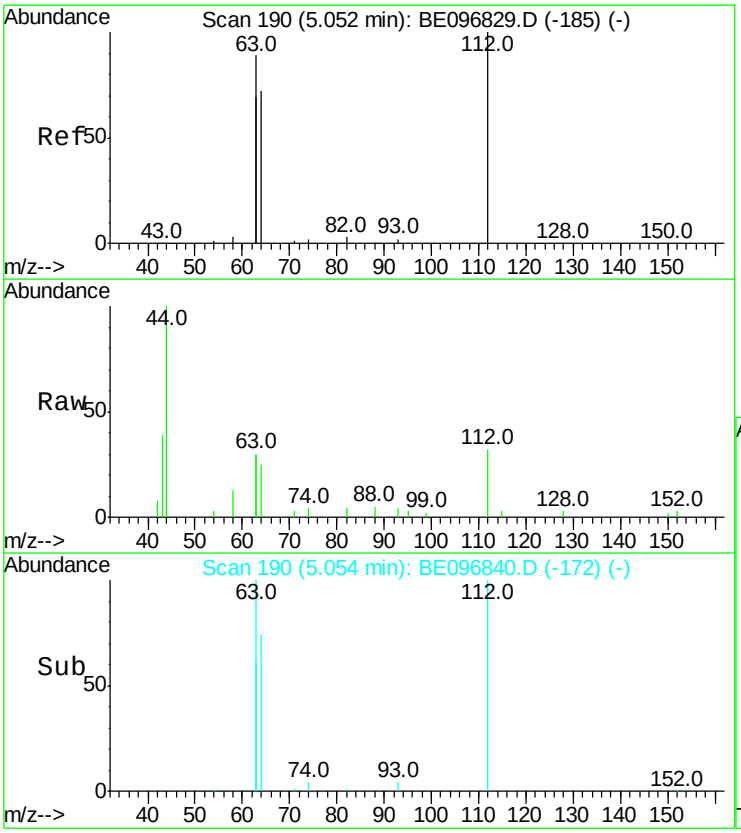
#3
n-Nitrosodimethylamine
Concen: 0.013 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 55

Ion	Ratio	Lower	Upper
42	100		
74	9.1	96.0	144.0#
44	170.9	12.0	18.0#

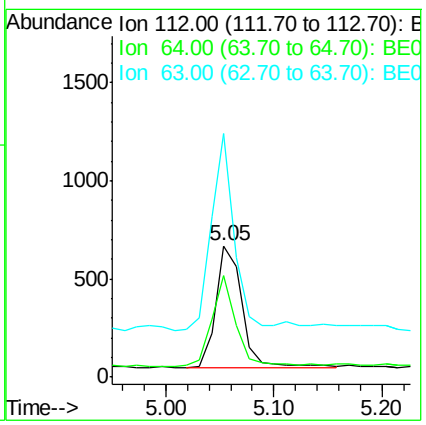


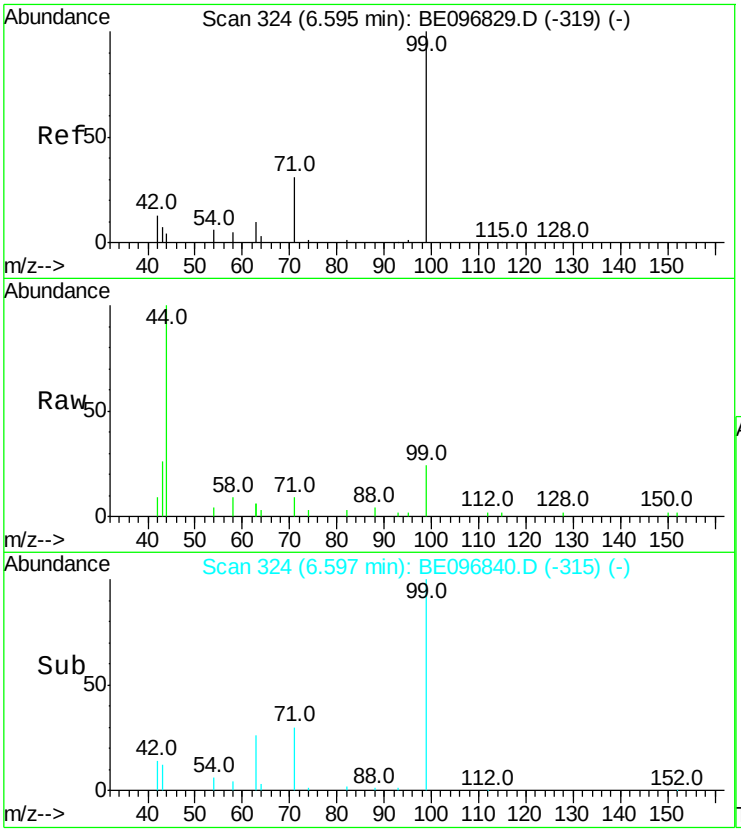


#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:112 Resp: 1052

Ion	Ratio	Lower	Upper
112	100		
64	69.2	60.1	90.1
63	139.7	116.8	175.2



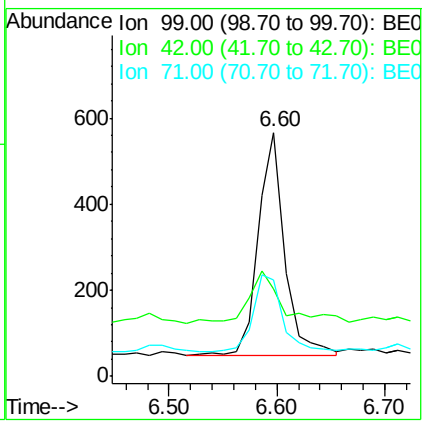


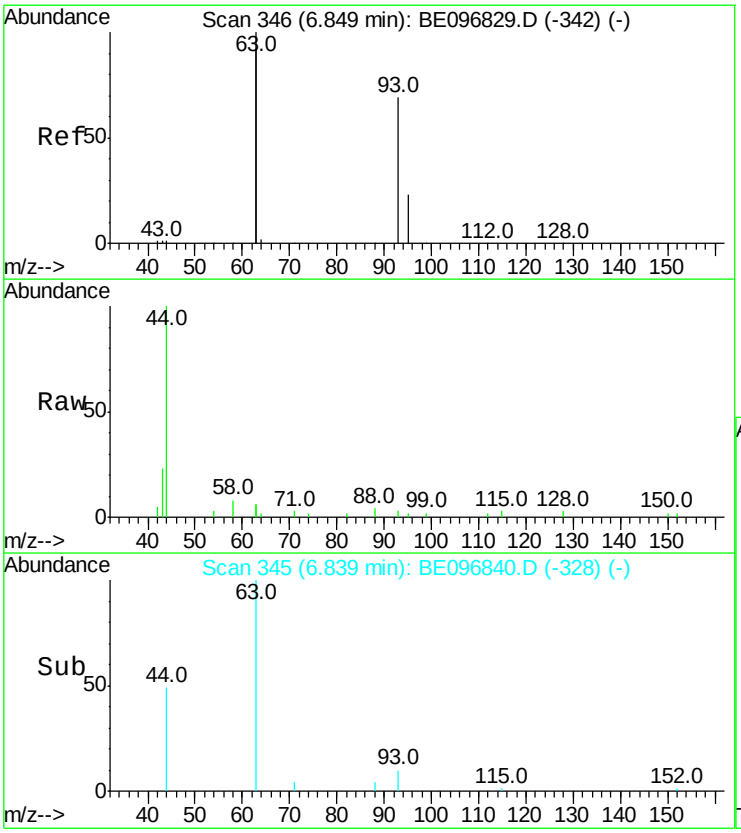
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 879

Ion	Ratio	Lower	Upper
99	100		
42	30.4	20.2	30.2#
71	38.9	28.4	42.6

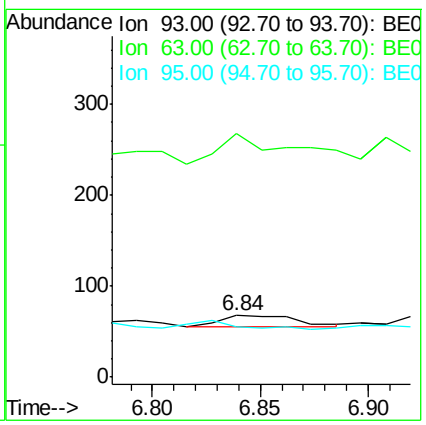


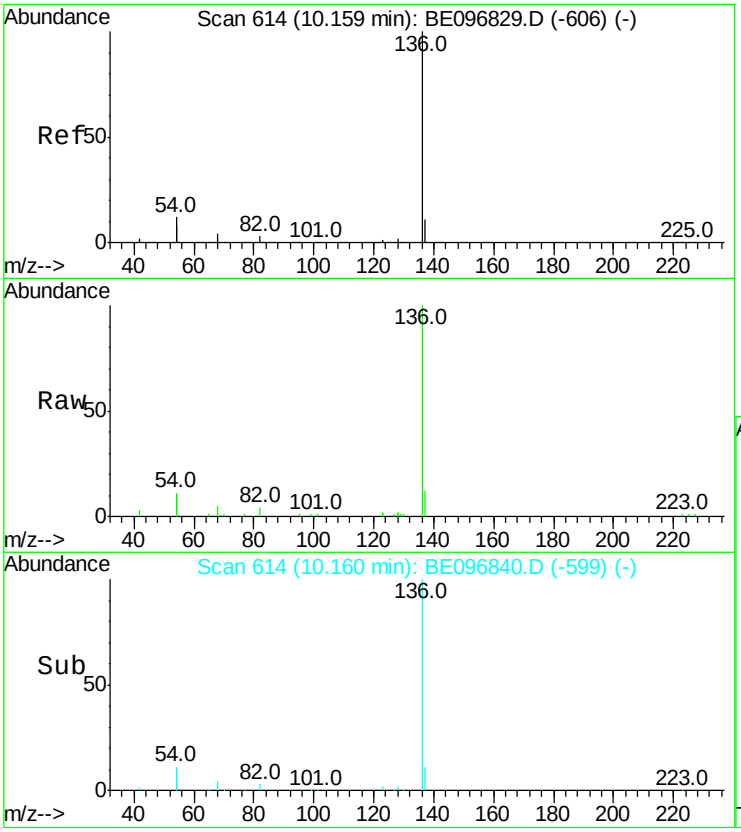


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.01 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion: 93 Resp: 28

Ion	Ratio	Lower	Upper
93	100		
63	307.1	275.3	412.9
95	64.3	25.2	37.8#



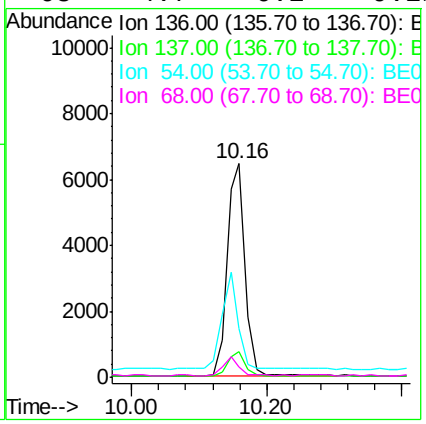


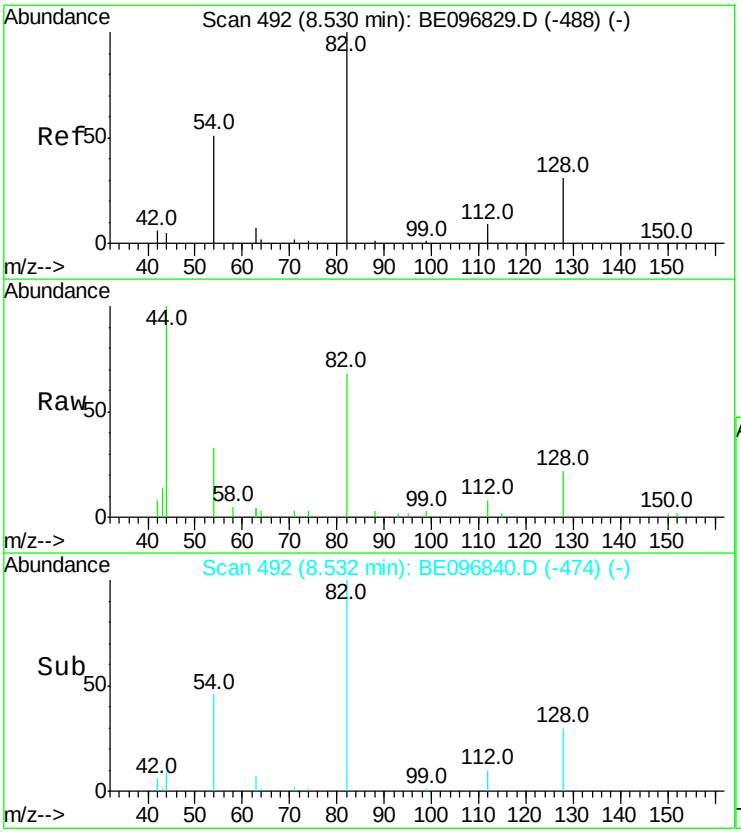
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11967

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	22.6	29.1	43.7#
68	4.7	6.2	9.2#

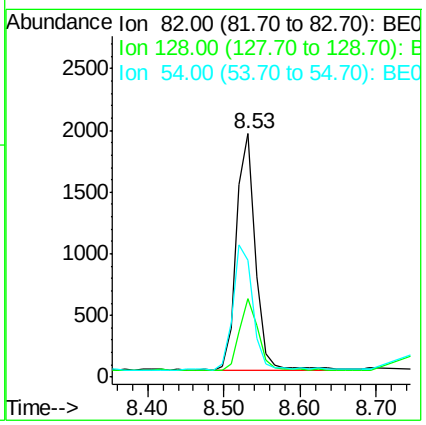


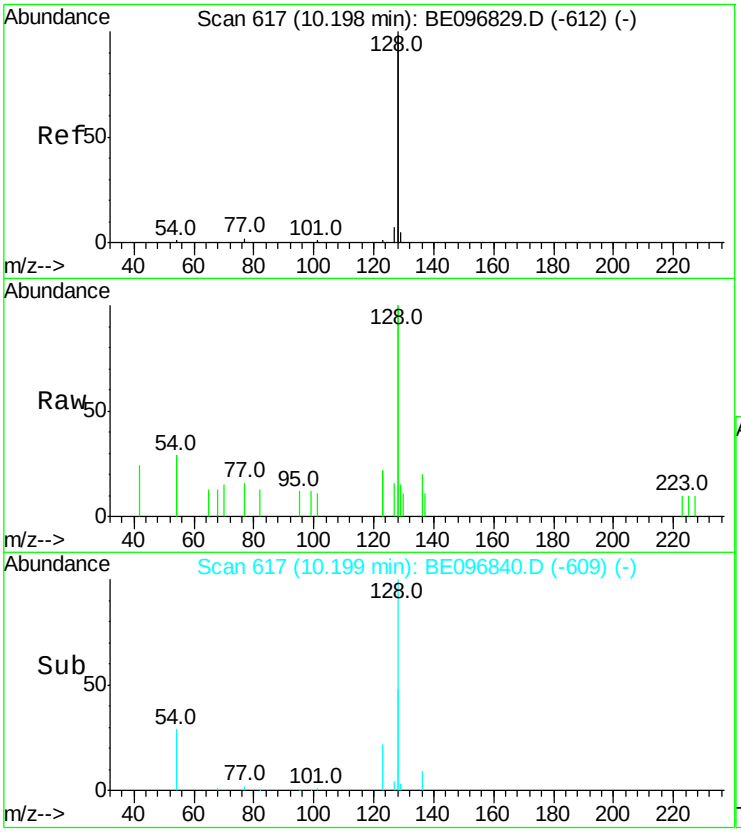


#8
Nitrobenzene-d5
Concen: 0.462 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion: 82 Resp: 3349

Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.0	36.0
54	48.0	40.0	60.0



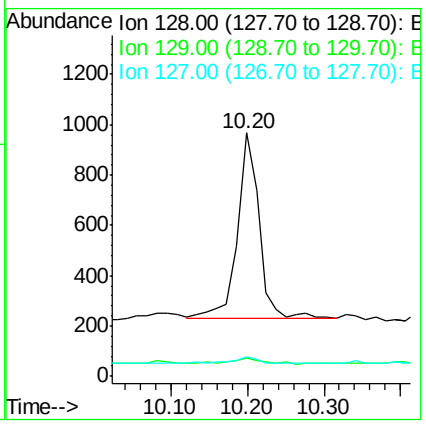


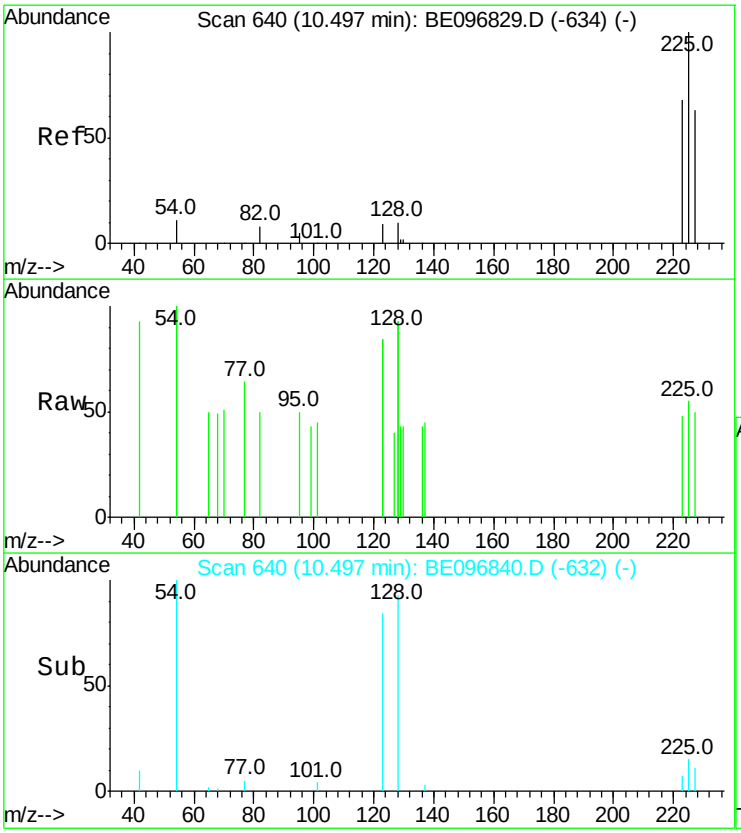
#9
Naphthalene
Concen: 0.013 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1436

Ion	Ratio	Lower	Upper
128	100		
129	7.5	2.6	3.8#
127	7.9	2.8	4.2#

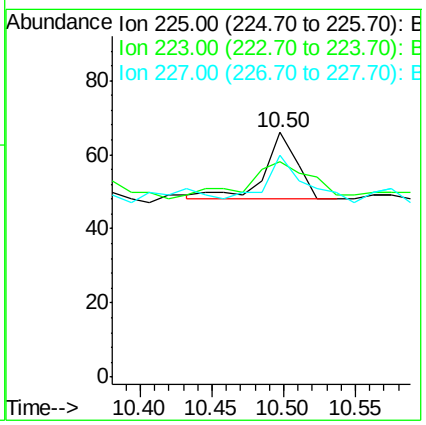


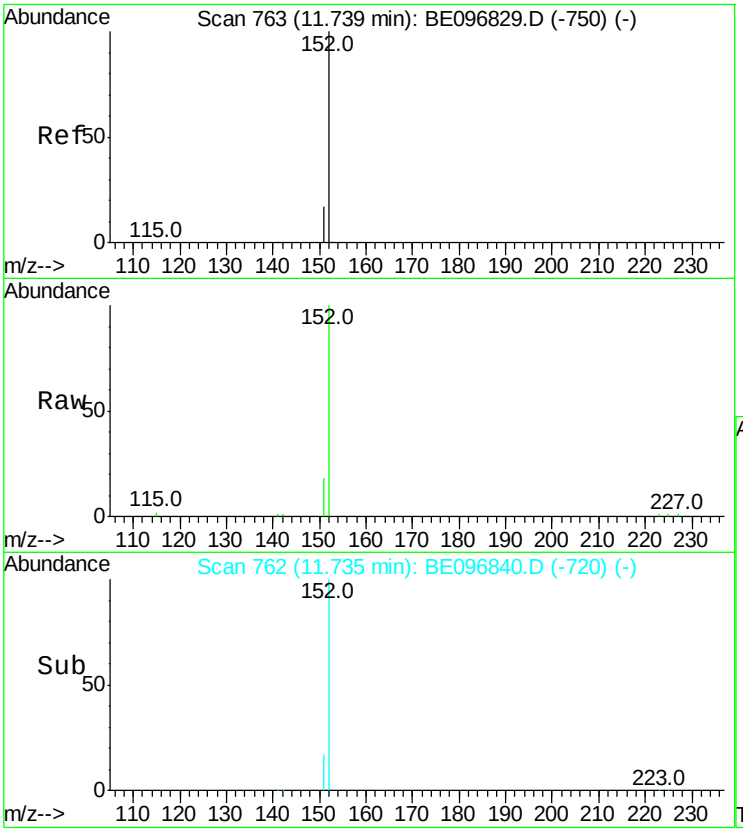


#10
Hexachlorobutadiene
Concen: 0.006 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:225 Resp: 29

Ion	Ratio	Lower	Upper
225	100		
223	110.3	53.0	79.6#
227	86.2	51.4	77.2#



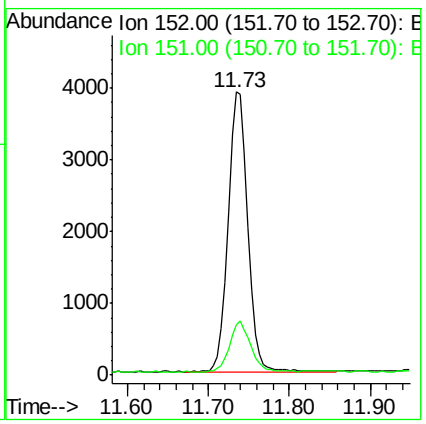


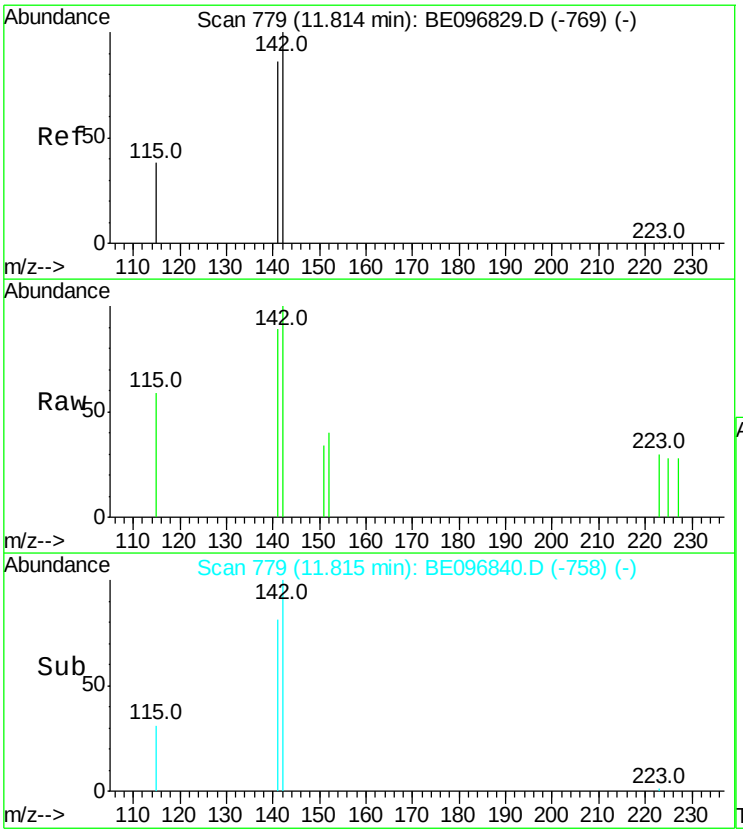
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6484

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

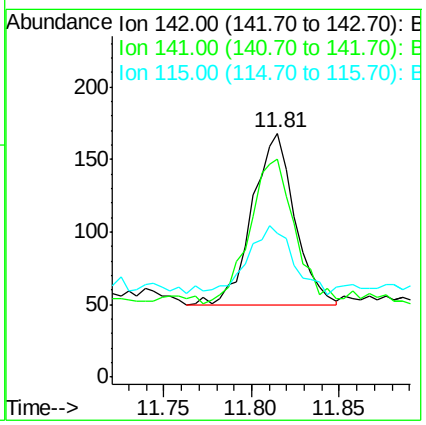


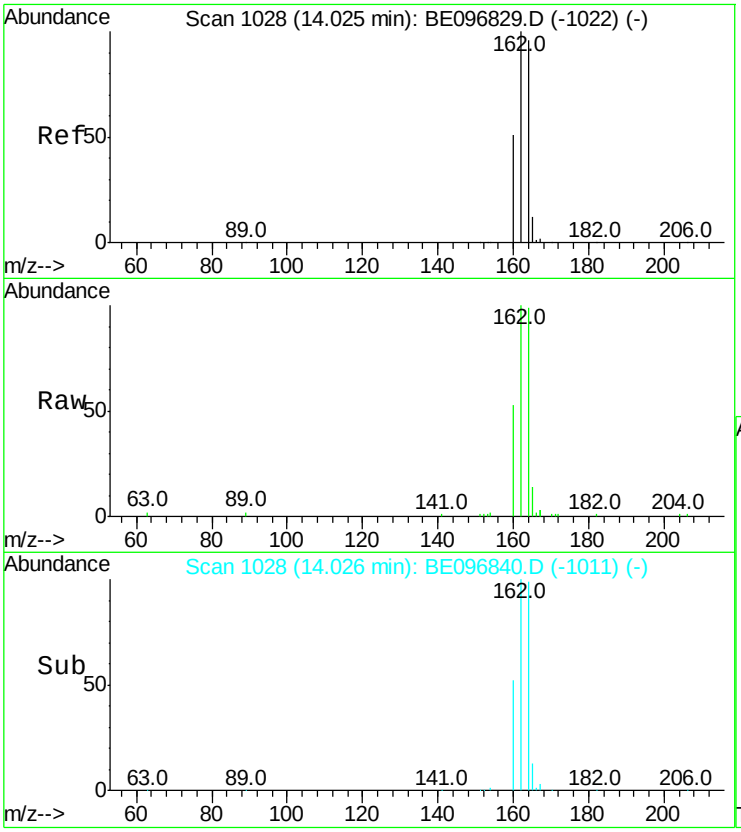


#12
2-Methylnaphthalene
Concen: 0.011 ng
RT: 11.81 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:142 Resp: 200

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	58.9	31.7	47.5#



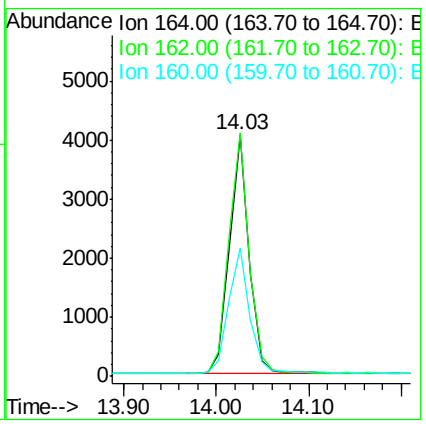


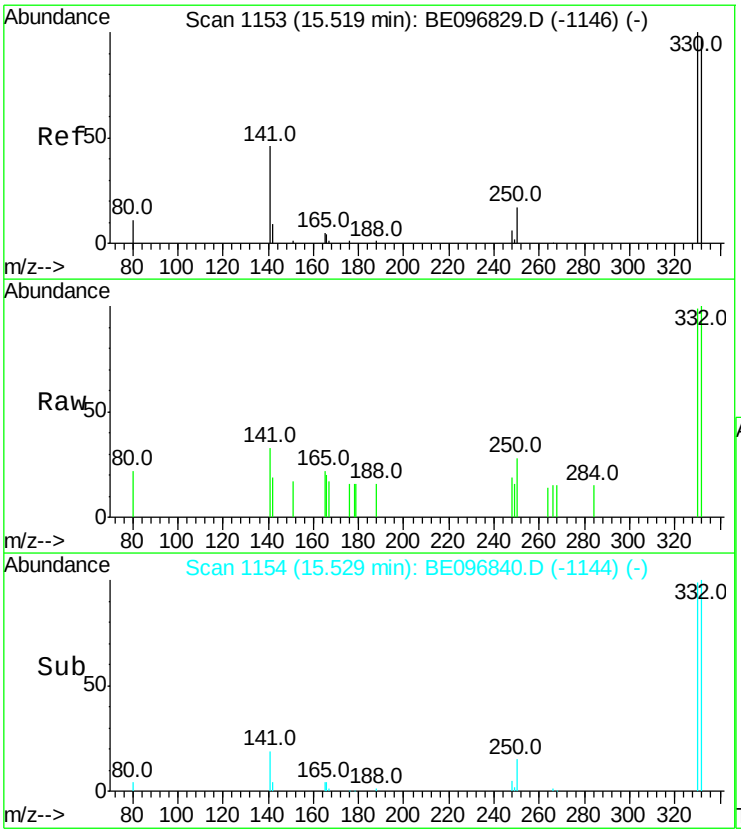
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5974

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.1	124.7
160	53.3	37.1	55.7

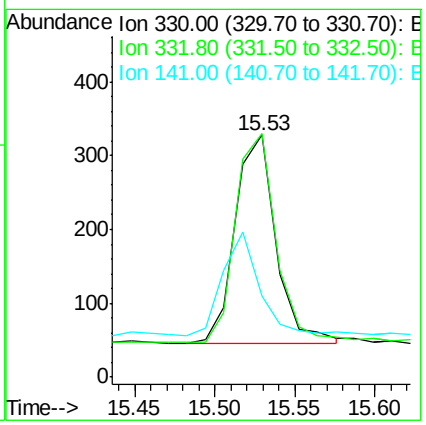


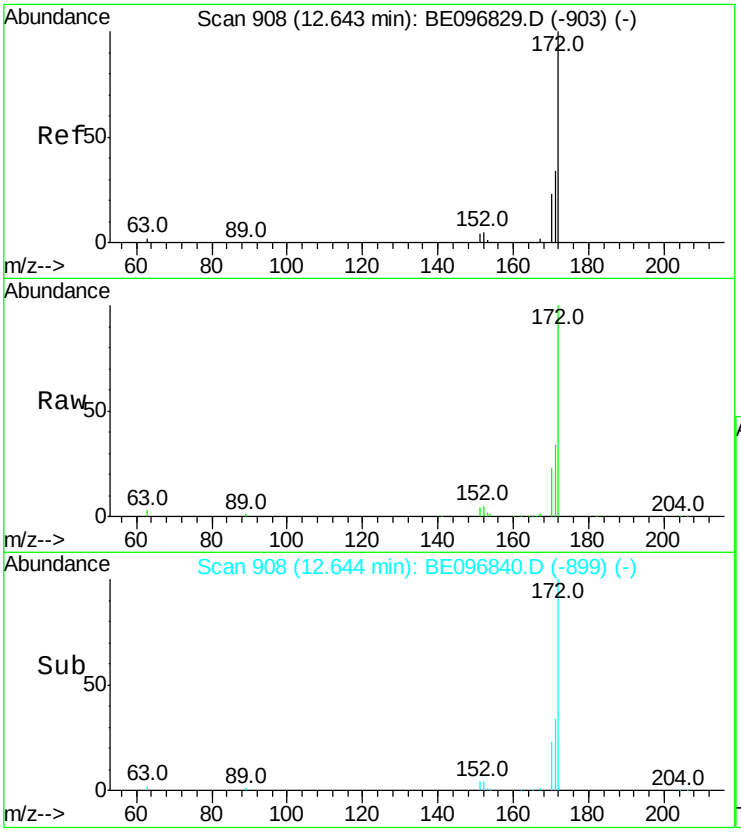


#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:330 Resp: 497

Ion	Ratio	Lower	Upper
330	100		
332	99.6	152.7	229.1#
141	44.9	33.7	50.5



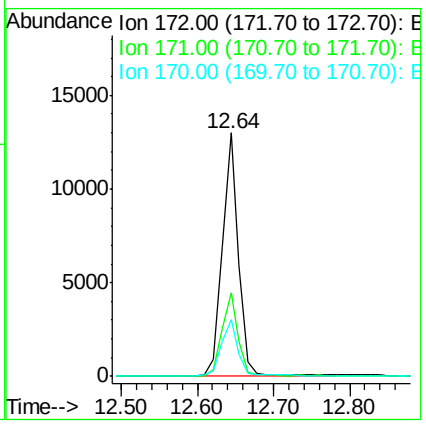


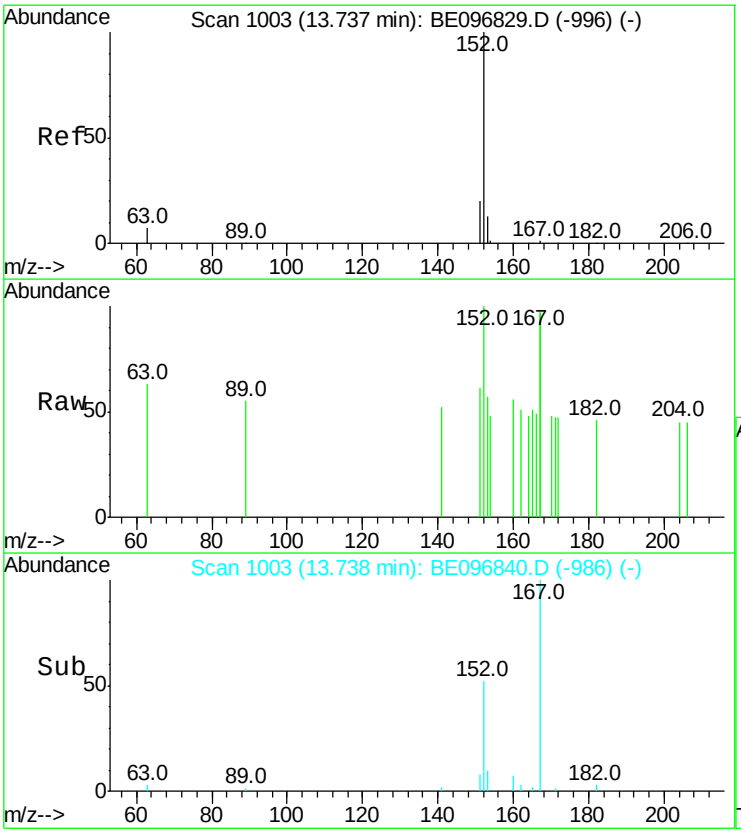
#15
2-Fluorobiphenyl
Concen: 0.871 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 19038

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	23.2	21.8	32.8

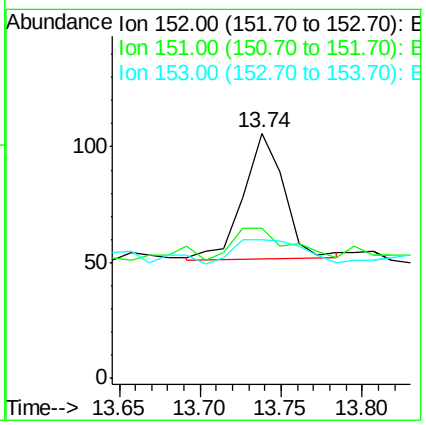


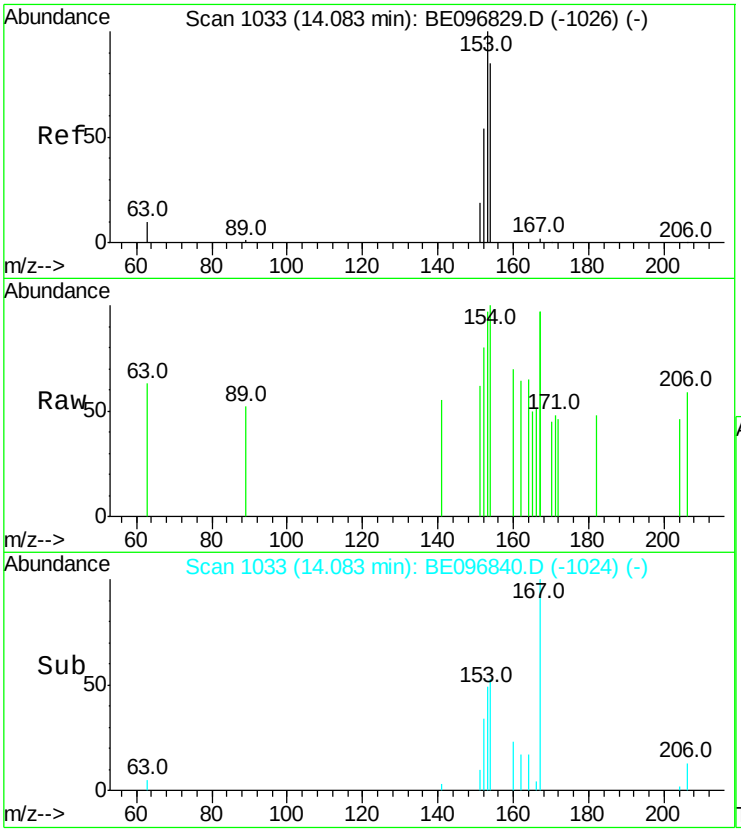


#16
Acenaphthylene
Concen: 0.004 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:152 Resp: 95

Ion	Ratio	Lower	Upper
152	100		
151	43.2	15.7	23.5#
153	36.8	10.5	15.7#



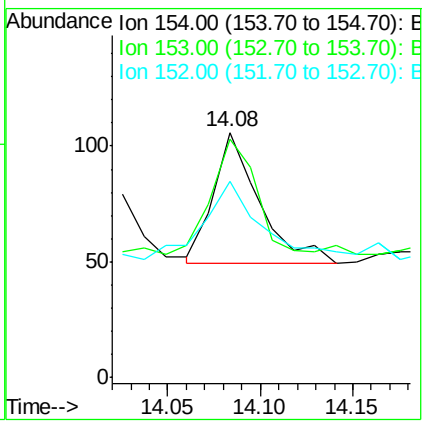


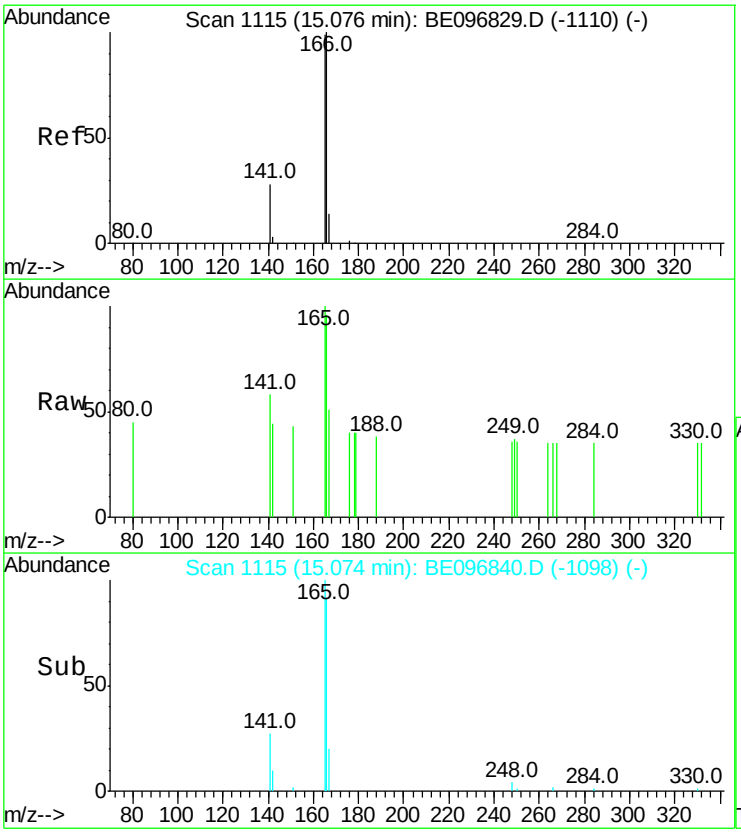
#17
Acenaphthene
Concen: 0.006 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 99

Ion	Ratio	Lower	Upper
154	100		
153	98.0	89.2	133.8
152	73.7	42.0	63.0#

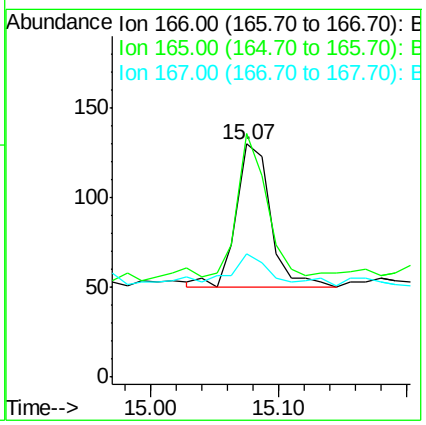


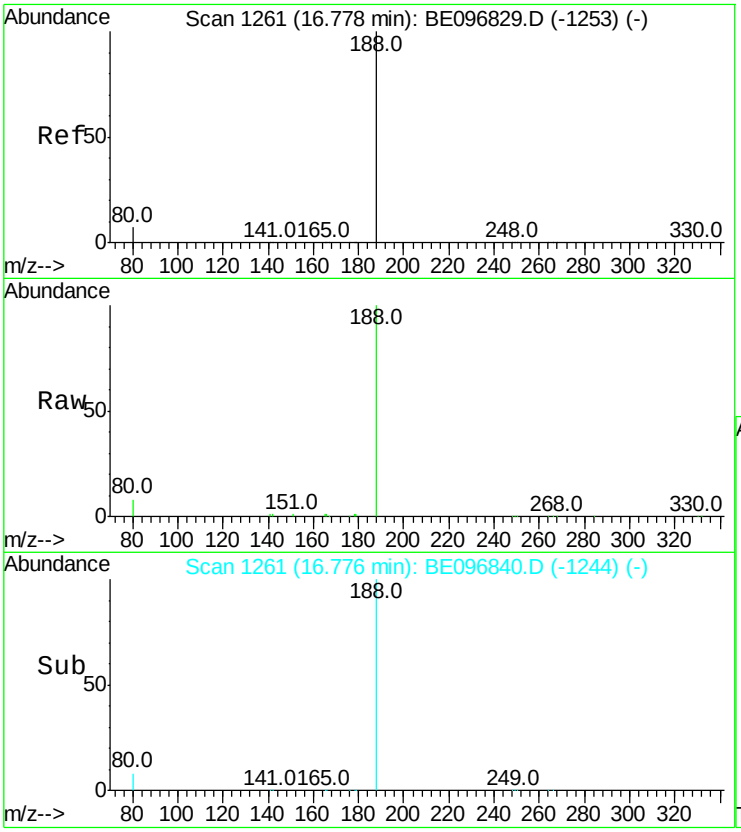


#18
Fluorene
Concen: 0.007 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:166 Resp: 150

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	33.3	42.4	63.6#



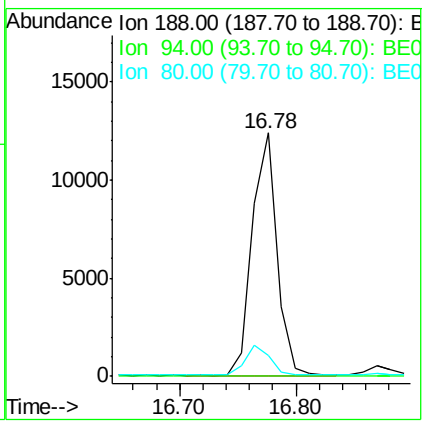


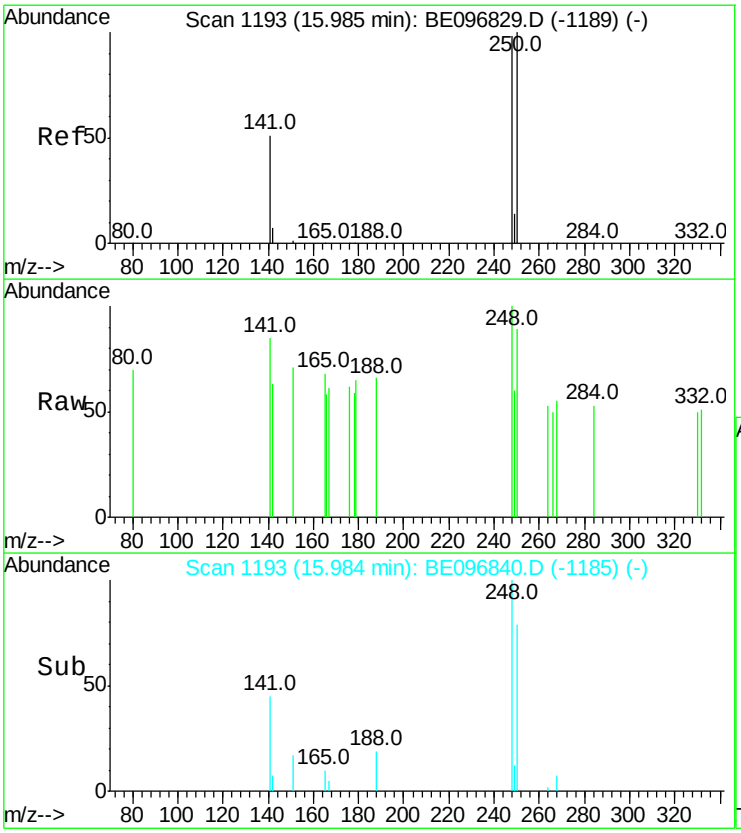
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18426

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.4	3.6	5.4#

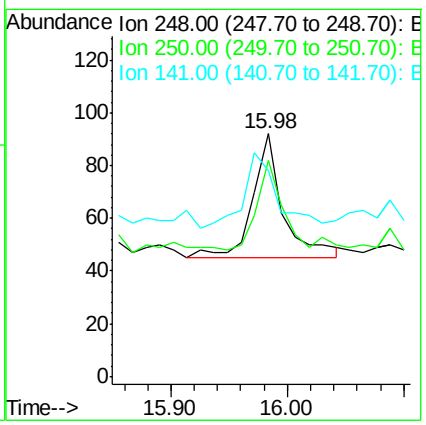


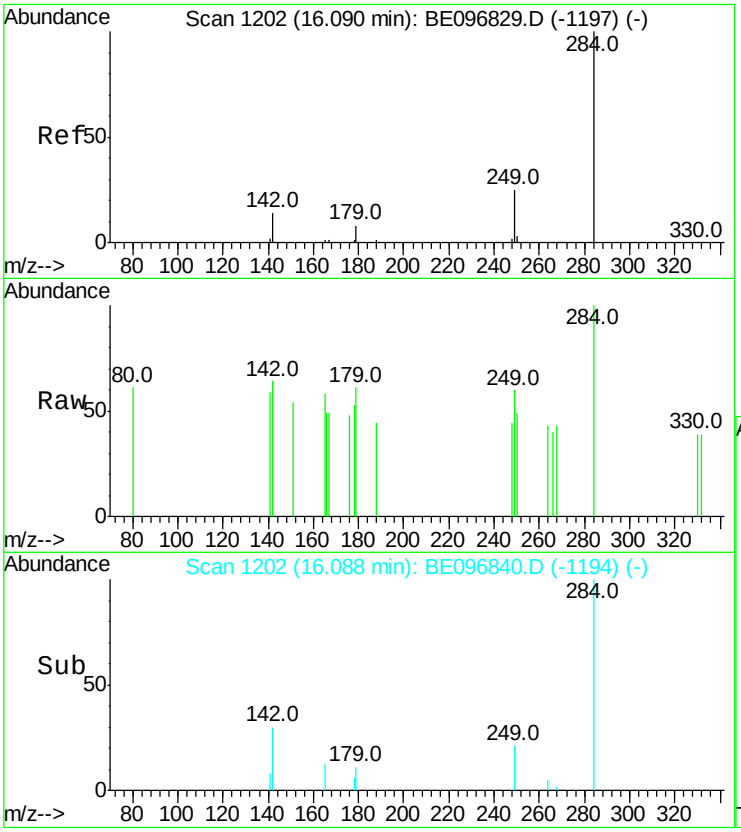


#20
4-Bromophenyl-phenylether
Concen: 0.010 ng
RT: 15.98 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:248 Resp: 87

Ion	Ratio	Lower	Upper
248	100		
250	89.1	62.7	94.1
141	84.8	48.2	72.2#



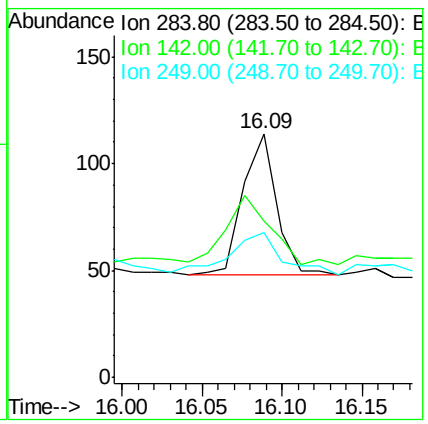


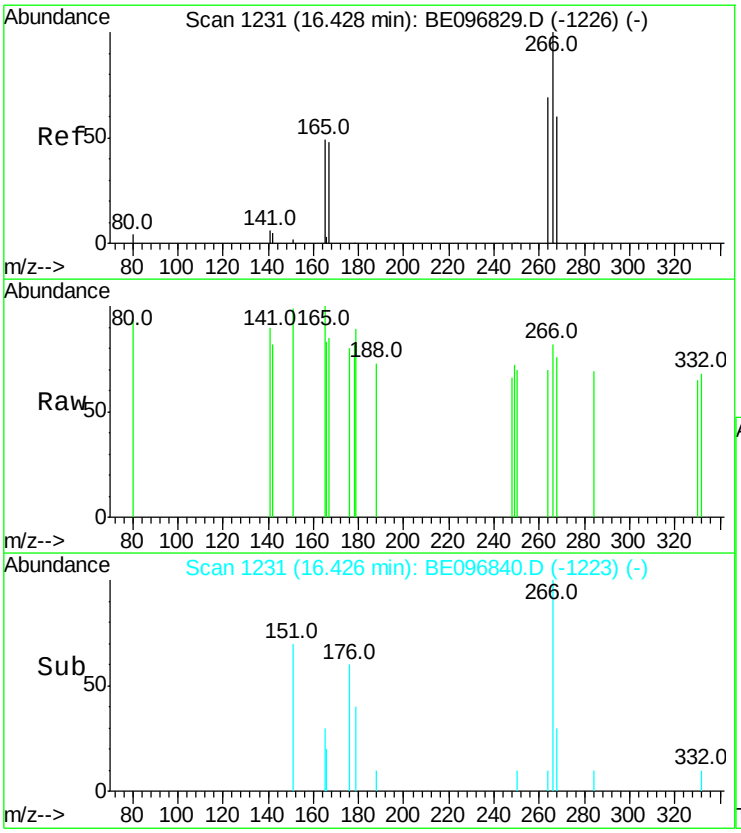
#21
Hexachlorobenzene
Concen: 0.010 ng
RT: 16.09 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 96

Ion	Ratio	Lower	Upper
284	100		
142	63.5	22.1	33.1#
249	46.9	34.8	52.2

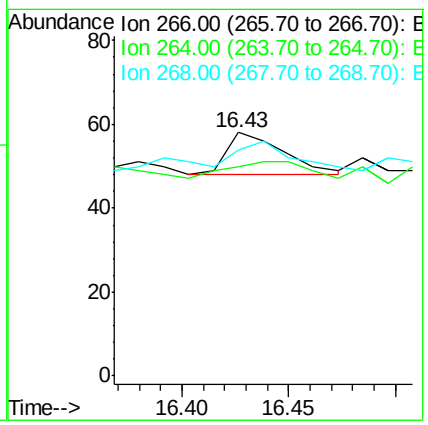


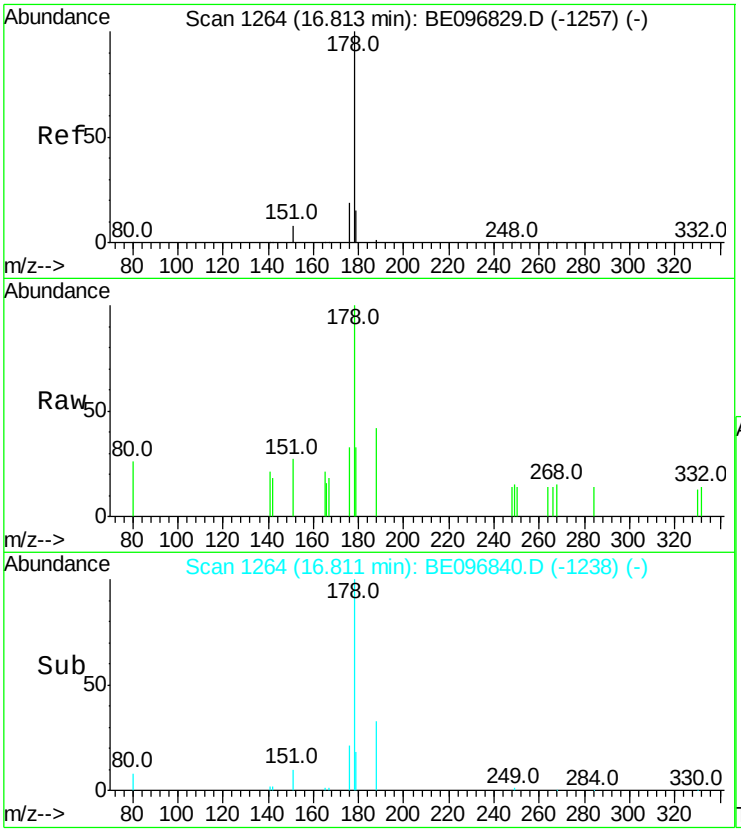


#22
Pentachlorophenol
Concen: 0.048 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	86.2	72.5	108.7
268	93.1	73.8	110.6



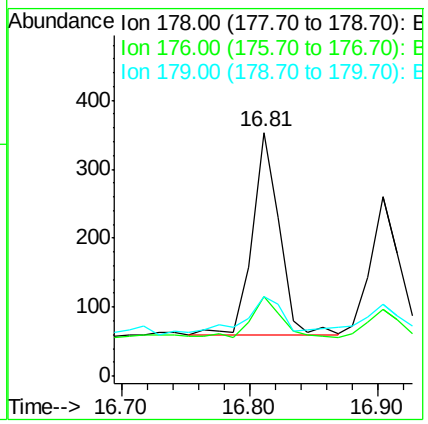


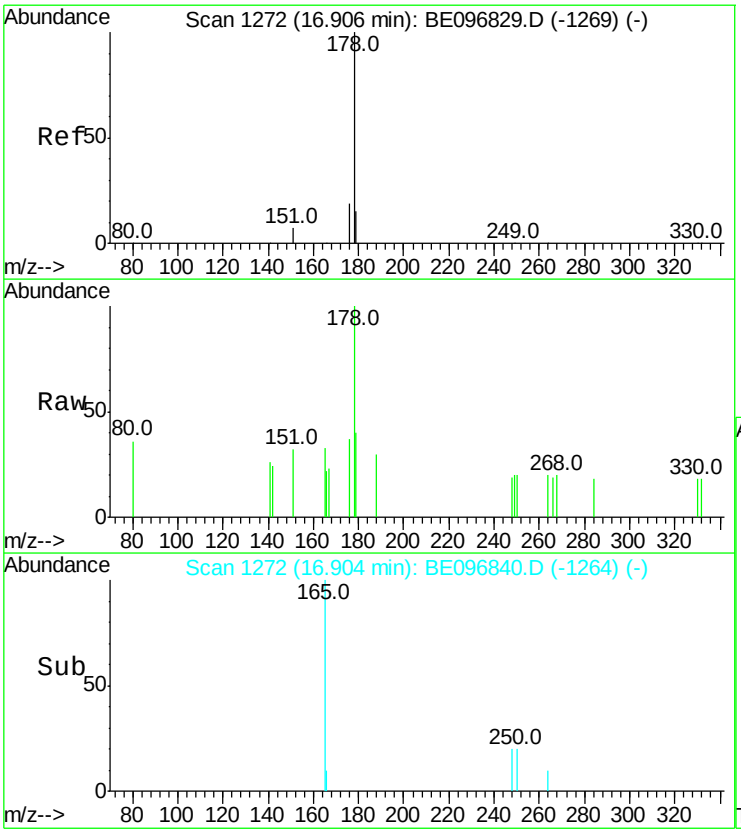
#23
Phenanthrene
Concen: 0.010 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 436

Ion	Ratio	Lower	Upper
178	100		
176	23.2	15.1	22.7#
179	26.4	11.8	17.6#

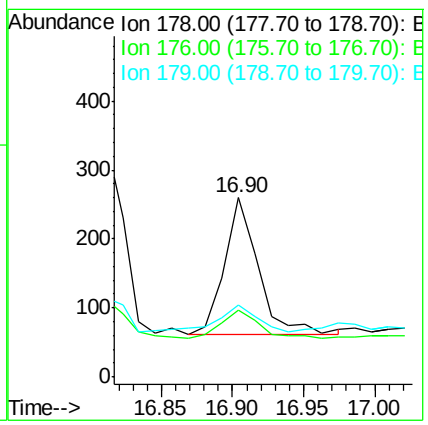


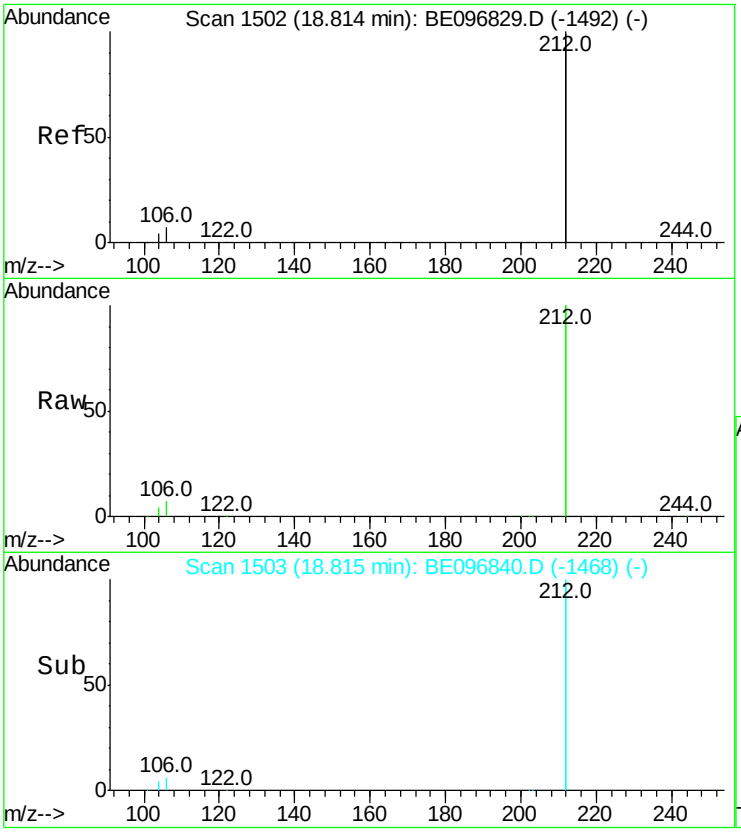


#24
Anthracene
Concen: 0.009 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:178 Resp: 328

Ion	Ratio	Lower	Upper
178	100		
176	24.1	12.8	19.2#
179	20.7	13.0	19.6#



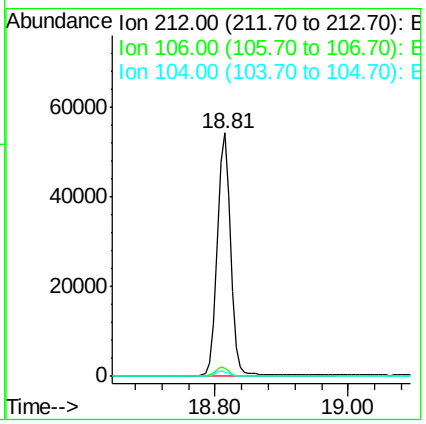


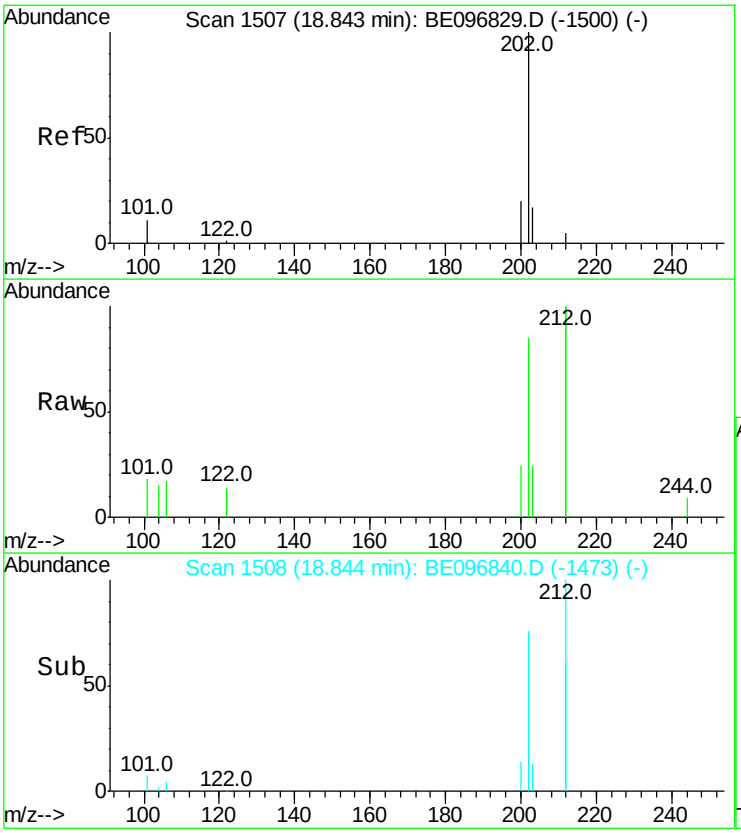
#25
Fluoranthene-d10
Concen: 0.462 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 74938

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4

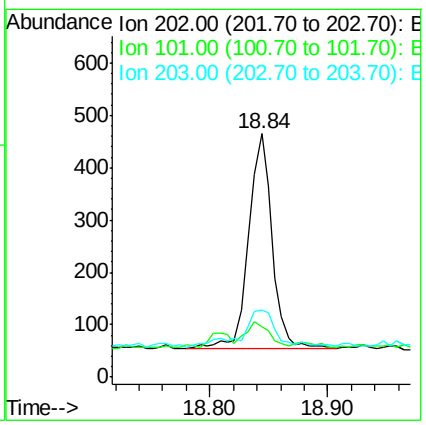


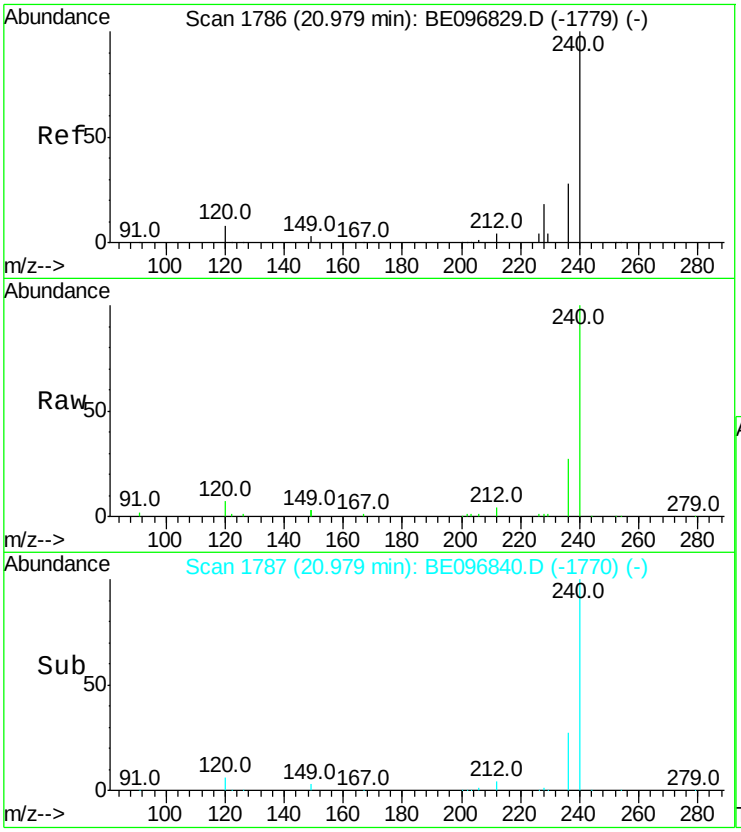


#26
Fluoranthene
Concen: 0.012 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:202 Resp: 570

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	20.4	13.7	20.5



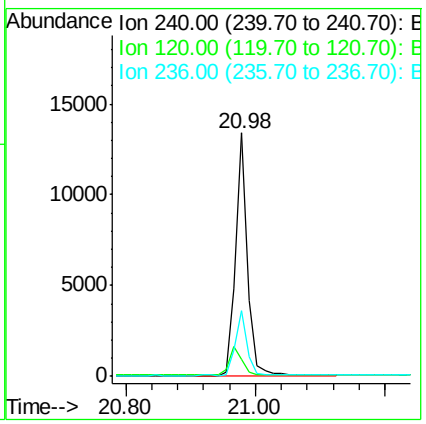


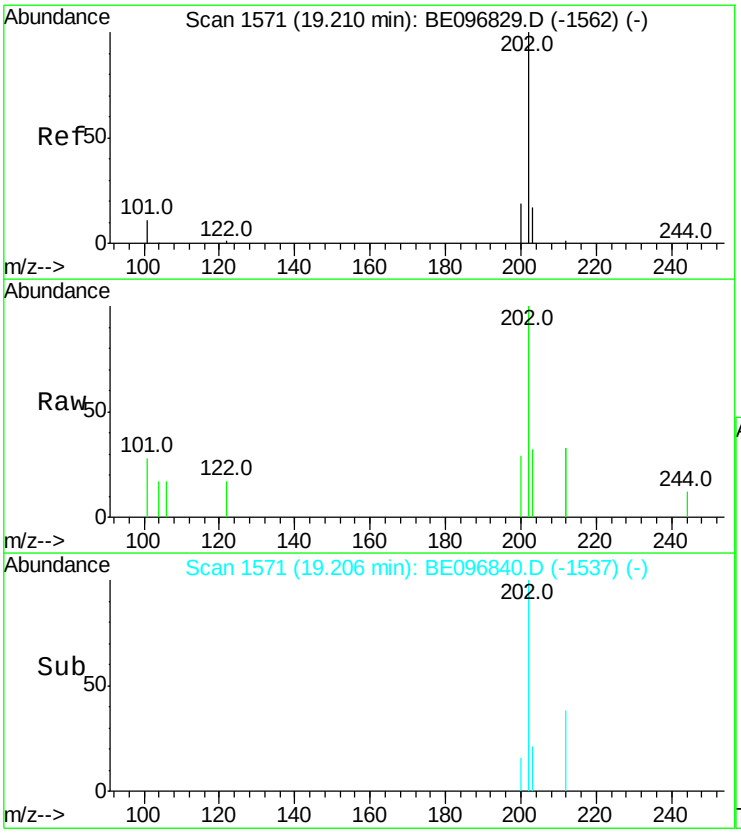
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17296

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.5	8.3
236	27.2	20.7	31.1

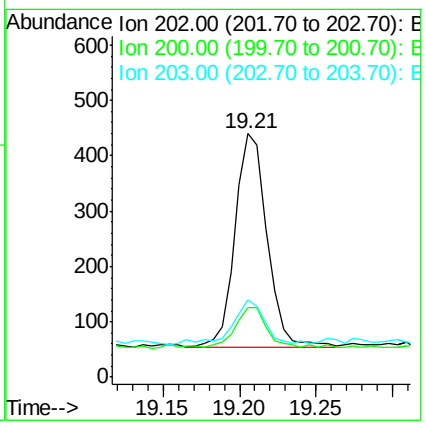


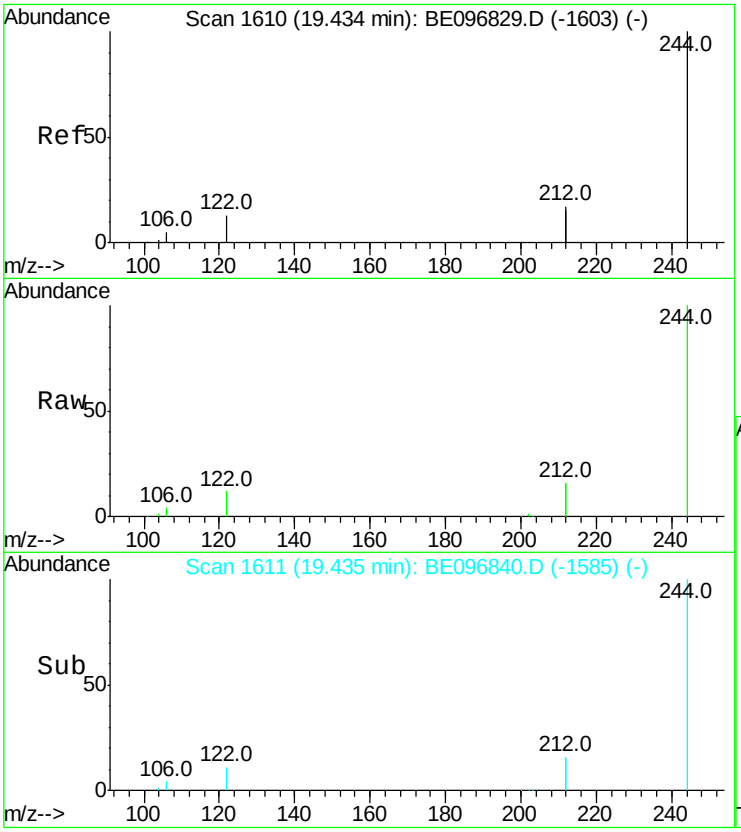


#28
Pyrene
Concen: 0.011 ng
RT: 19.21 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:202 Resp: 559

Ion	Ratio	Lower	Upper
202	100		
200	17.9	16.6	25.0
203	20.9	13.8	20.8#



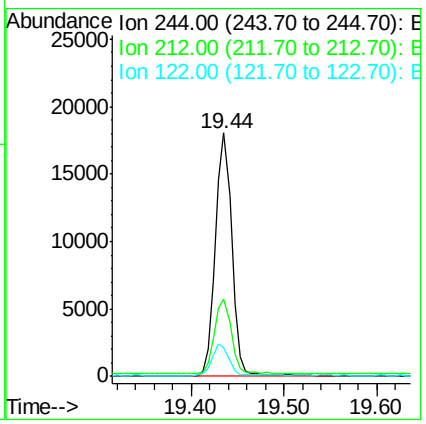


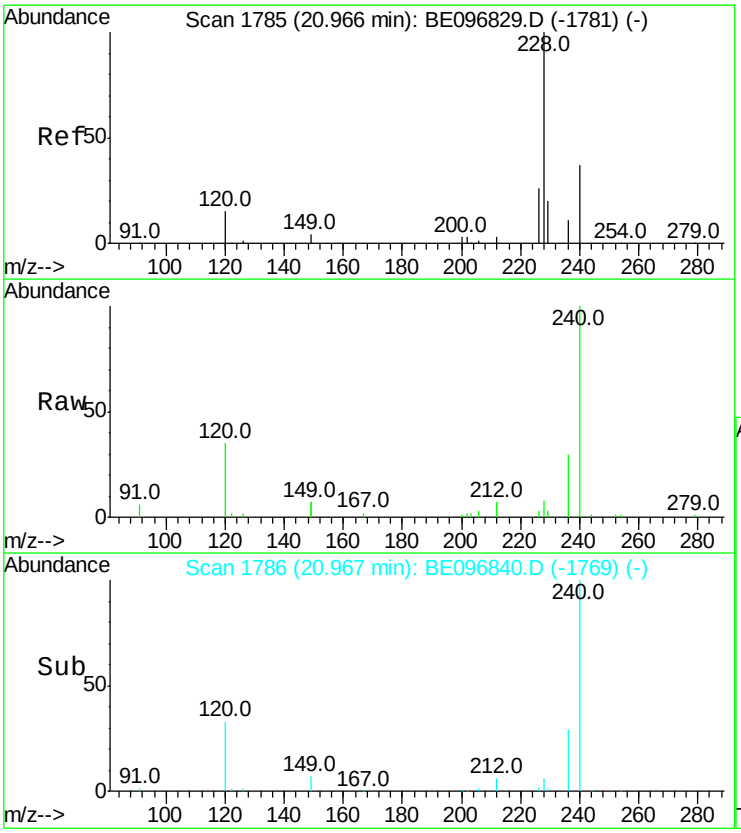
#29
Terphenyl-d14
Concen: 0.654 ng
RT: 19.44 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 21816

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	11.6	8.1	12.1

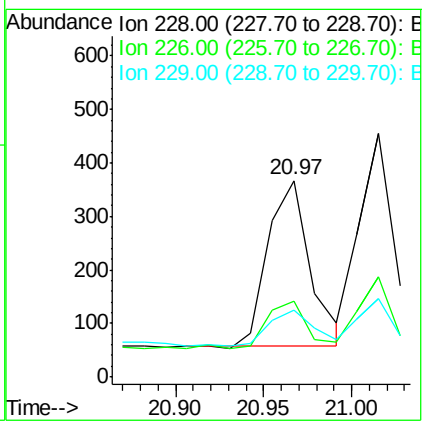


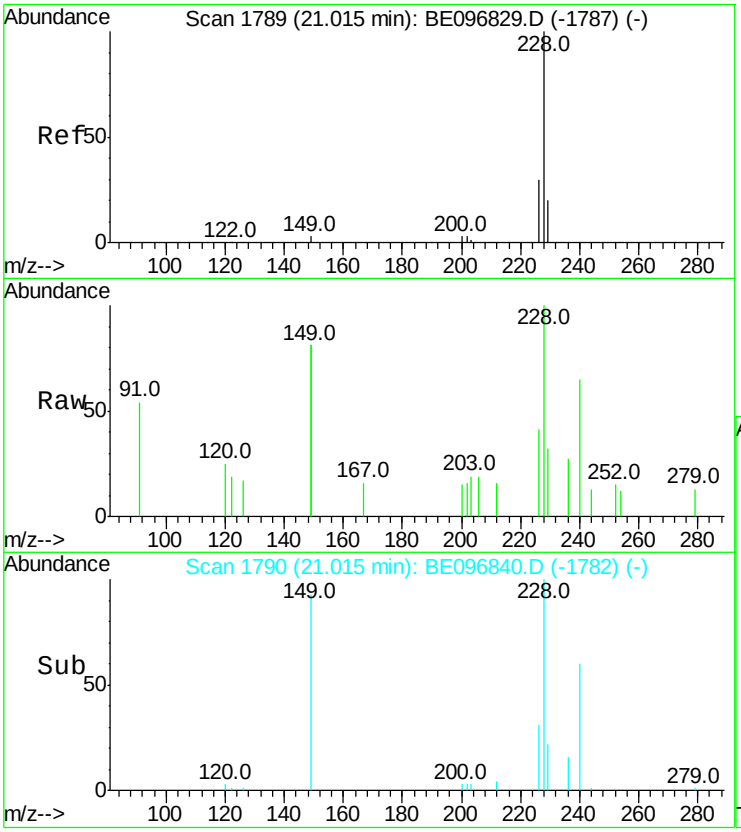


#30
Benzo(a)anthracene
Concen: 0.013 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:228 Resp: 516

Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.0	36.0#
229	34.1	16.0	24.0#



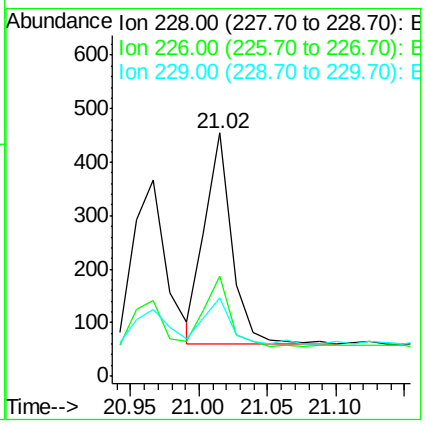


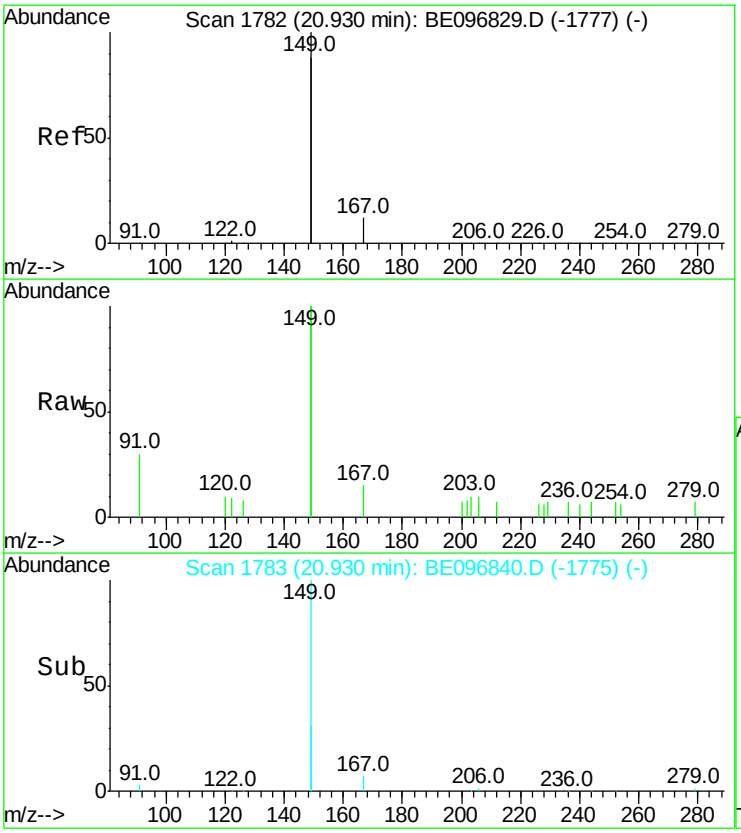
#31
Chrysene
Concen: 0.011 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 542

Ion	Ratio	Lower	Upper
228	100		
226	40.9	24.0	36.0#
229	32.1	16.0	24.0#

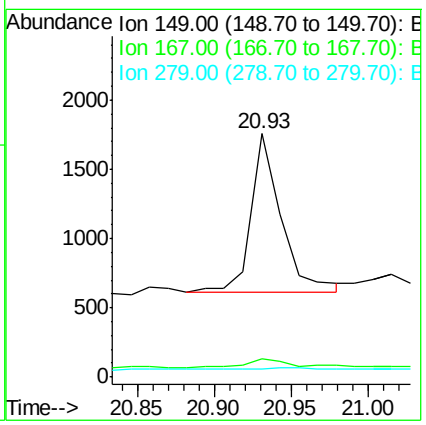


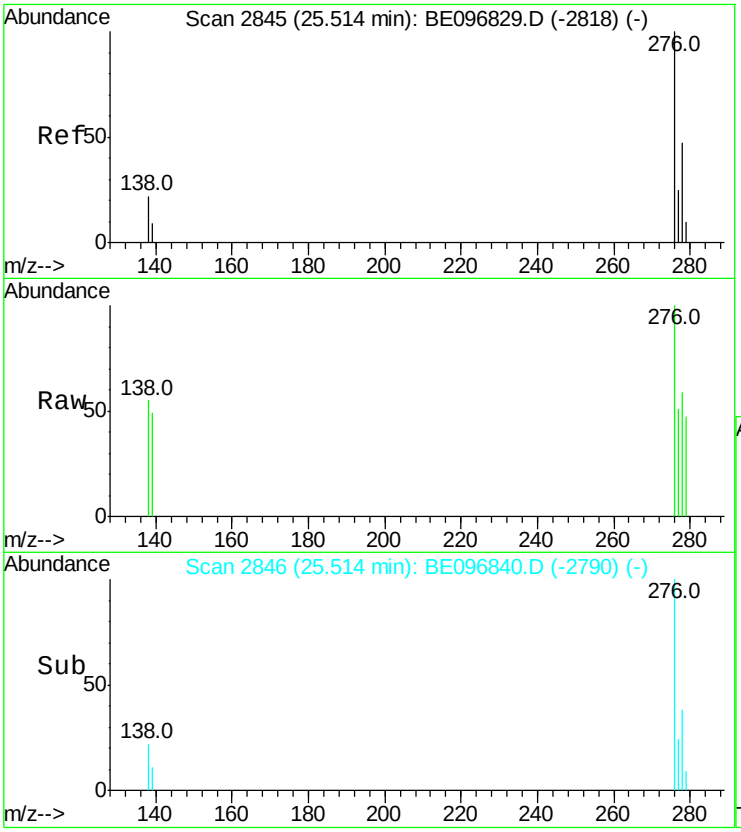


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:149 Resp: 1571

Ion	Ratio	Lower	Upper
149	100		
167	9.5	5.4	8.0#
279	1.4	0.7	1.1#



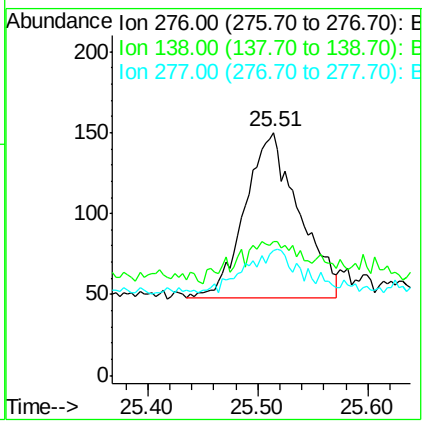


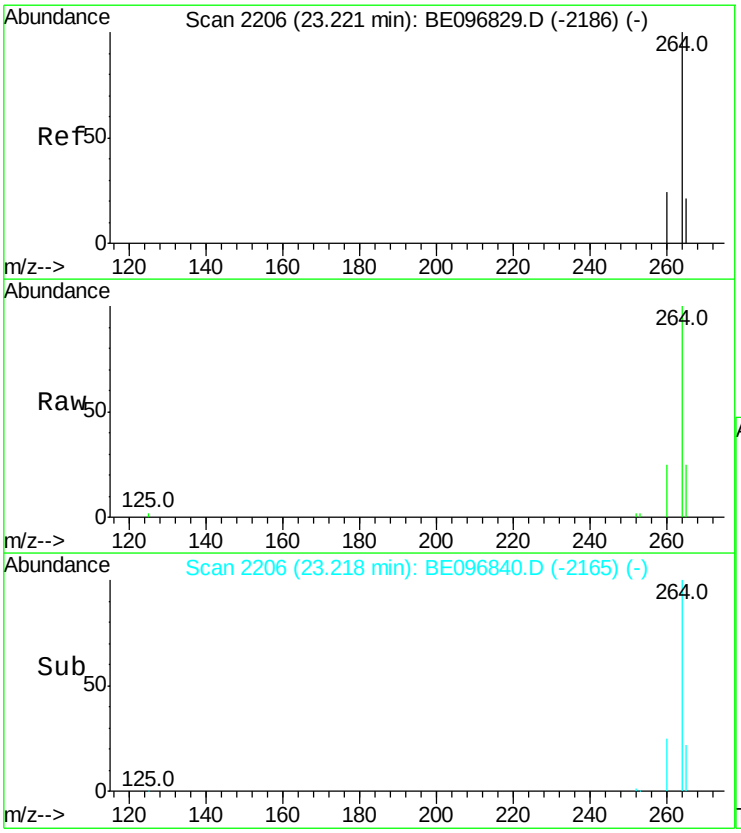
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.010 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 346

Ion	Ratio	Lower	Upper
276	100		
138	4.6	22.5	33.7#
277	23.4	19.9	29.9

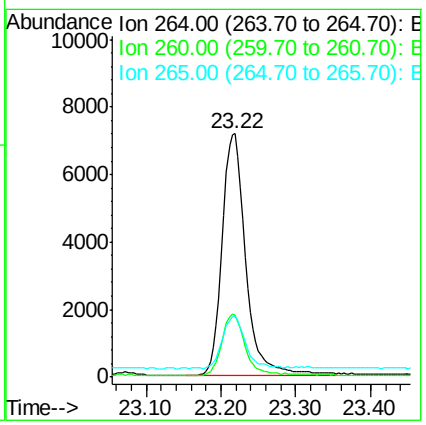


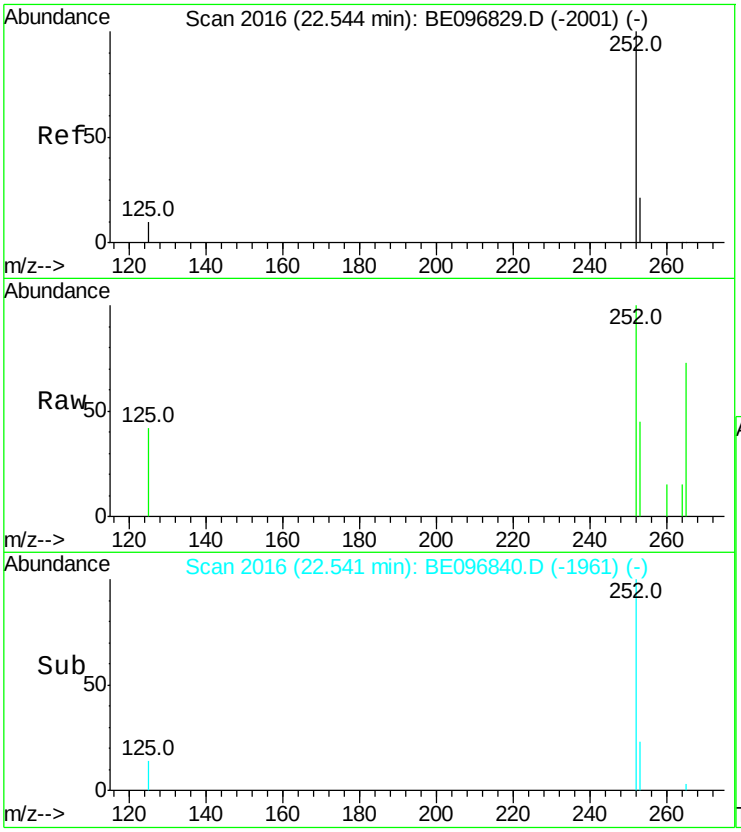


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:264 Resp: 15640

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	24.9	22.8	34.2



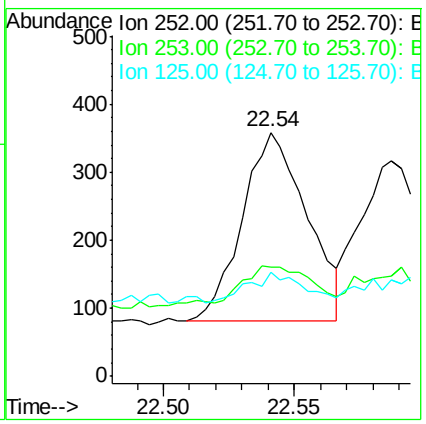


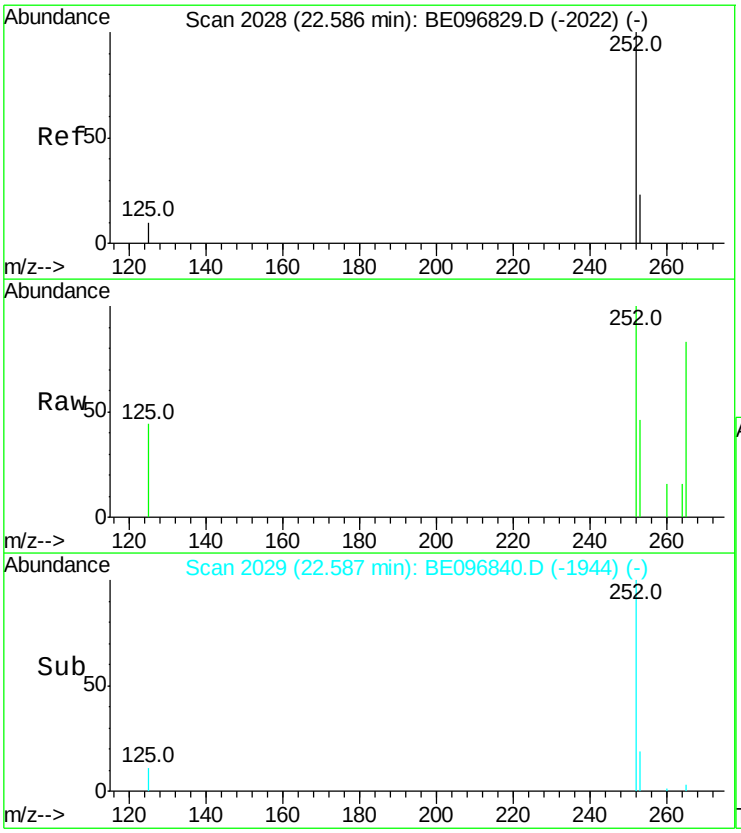
#35
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 477

Ion	Ratio	Lower	Upper
252	100		
253	45.0	20.0	30.0#
125	42.5	16.0	24.0#

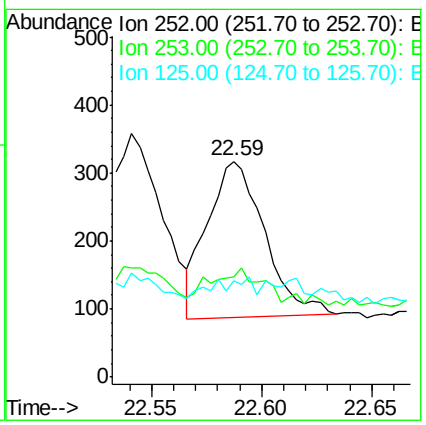


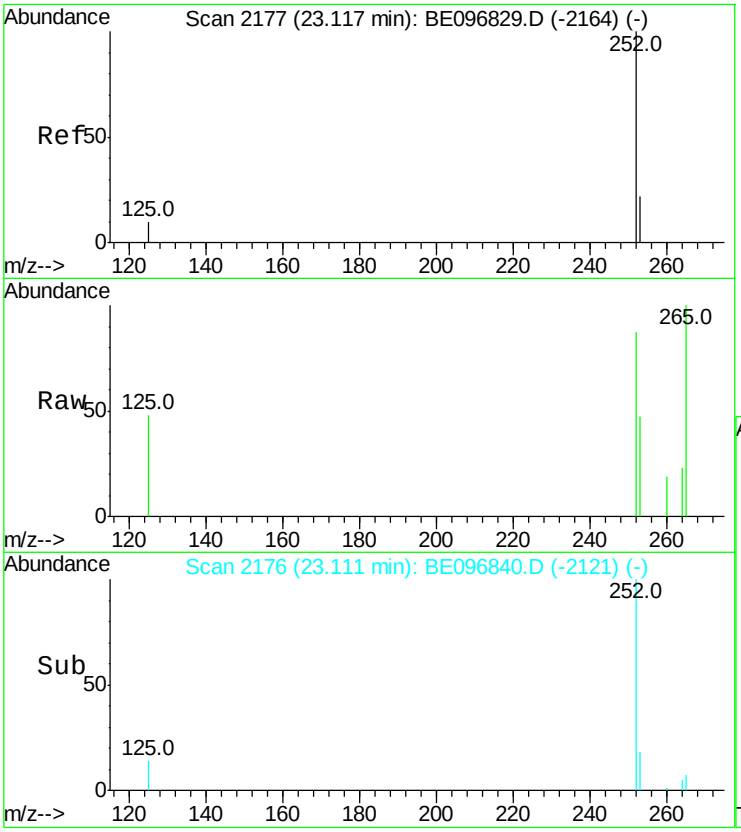


#36
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 22.59 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:252 Resp: 412

Ion	Ratio	Lower	Upper
252	100		
253	46.4	16.0	24.0#
125	44.5	8.0	12.0#



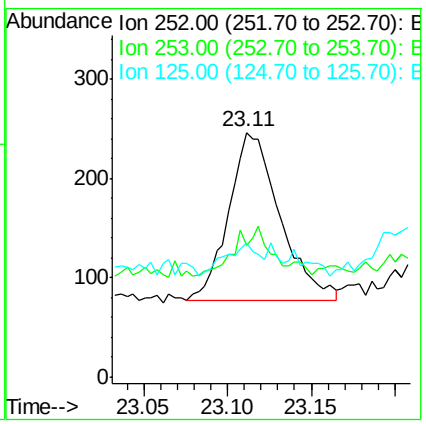


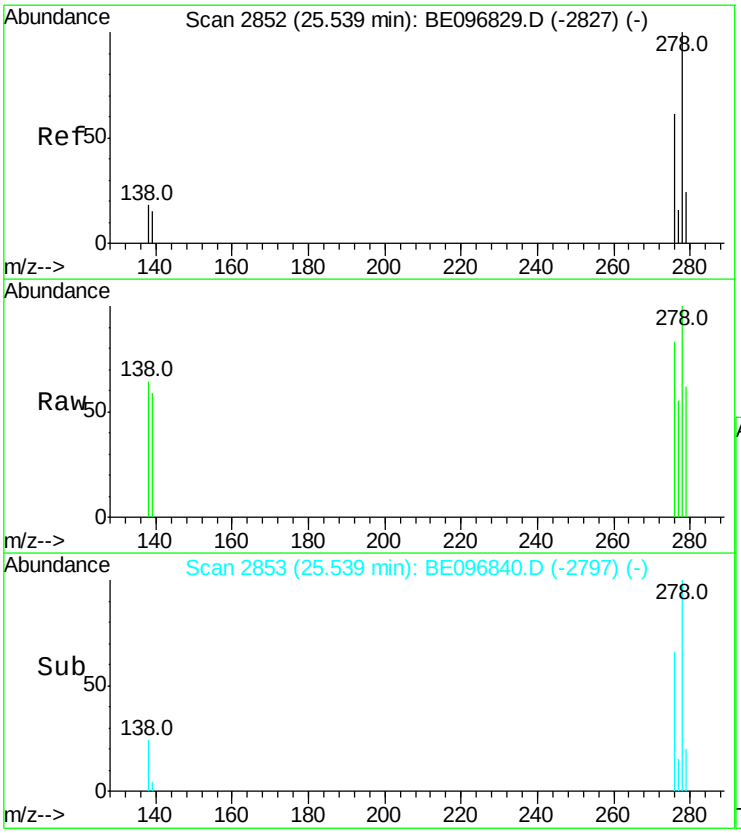
#37
Benzo(a)pyrene
Concen: 0.011 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 360

Ion	Ratio	Lower	Upper
252	100		
253	54.1	16.0	24.0#
125	54.9	12.0	18.0#

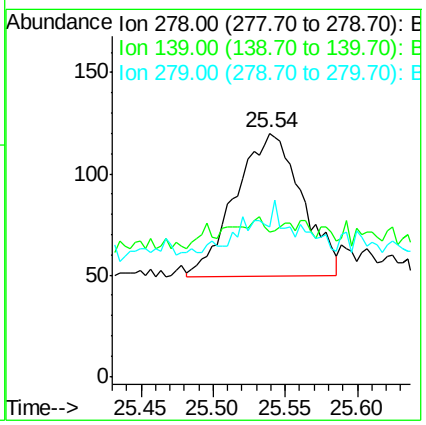


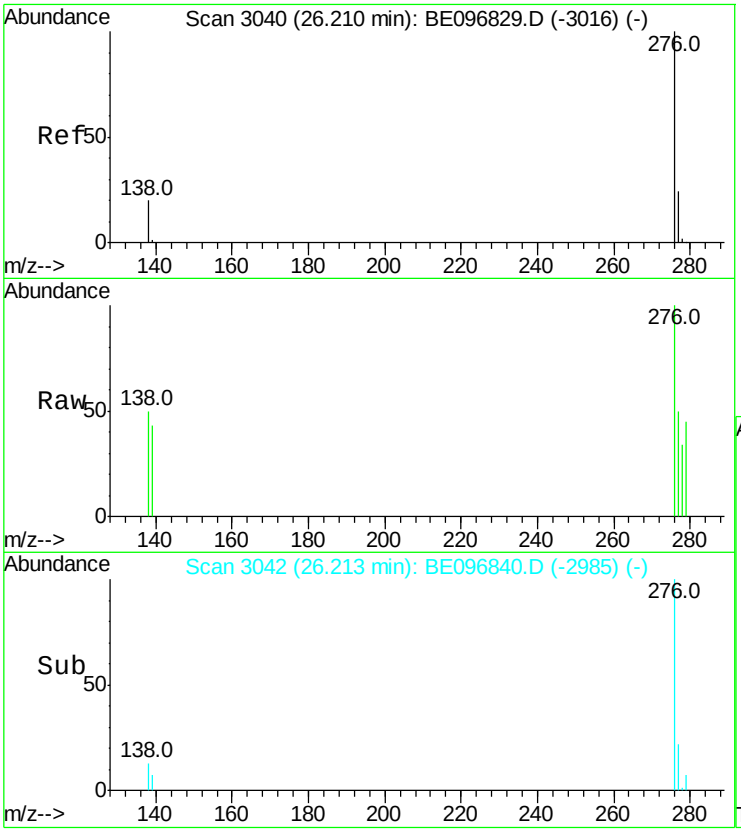


#38
Dibenzo(a,h)anthracene
Concen: 0.114 ng
RT: 25.54 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Tgt Ion:278 Resp: 224

Ion	Ratio	Lower	Upper
278	100		
139	59.2	16.0	24.0#
279	61.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.010 ng
RT: 26.21 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BE096840.D
Acq: 21 Jun 2018 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 372

Ion	Ratio	Lower	Upper
276	100		
277	49.7	16.0	24.0#
138	49.7	20.0	30.0#