Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097080.D
Acq On : 24 Jul 2018 20:21
Operator : SJ/JU
Sample : J4073-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE117D2-071618

Quant Time: Jul 25 00:38:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1367	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6115	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3772	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	10265	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10157	0.40	ng	-0.01
34) Perylene-d12	23.21	264	9632	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	783	0.20	ng	0.00
5) Phenol-d6	6.59	99	657	0.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	2494	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4051	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	729	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6924	0.53	ng	0.00
25) Fluoranthene-d10	18.81	212	57529	0.56	ng	0.00
29) Terphenyl-d14	19.42	244	13602	0.70	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.42	42	24	0.010	ng	# 40
6) bis(2-Chloroethyl)ether	6.84	93	20	0.004	ng	# 1
9) Naphthalene	10.20	128	1609	0.029	ng	# 87
10) Hexachlorobutadiene	10.47	225	12	0.005	ng	# 33
12) 2-Methylnaphthalene	11.80	142	31	0.003	ng	# 58
16) Acenaphthylene	13.74	152	17	0.001	ng	# 61
17) Acenaphthene	14.07	154	77	0.008	ng	# 24
18) Fluorene	15.07	166	71	0.005	ng	# 68
20) 4-Bromophenyl-phenylether	15.98	248	22	0.004	ng	# 46
21) Hexachlorobenzene	16.08	284	7	0.001	ng	# 1
22) Pentachlorophenol	16.43	266	12	0.044	ng	95
23) Phenanthrene	16.81	178	250	0.010	ng	# 84
24) Anthracene	16.89	178	23	0.001	ng	# 39
26) Fluoranthene	18.84	202	104	0.004	ng	# 85
28) Pyrene	19.21	202	77	0.003	ng	# 1
30) Benzo(a)anthracene	20.97	228	62	0.002	ng	# 5
31) Chrysene	21.00	228	45	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.92	149	3186	0.116	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	5	0.000	ng	# 35
35) Benzo(b)fluoranthene	22.54	252	42	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	38	0.001	ng	# 1
37) Benzo(a)pyrene	23.10	252	15	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.21	276	1	0.000	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Jul 2018 20:21
Operator : SJ/JU
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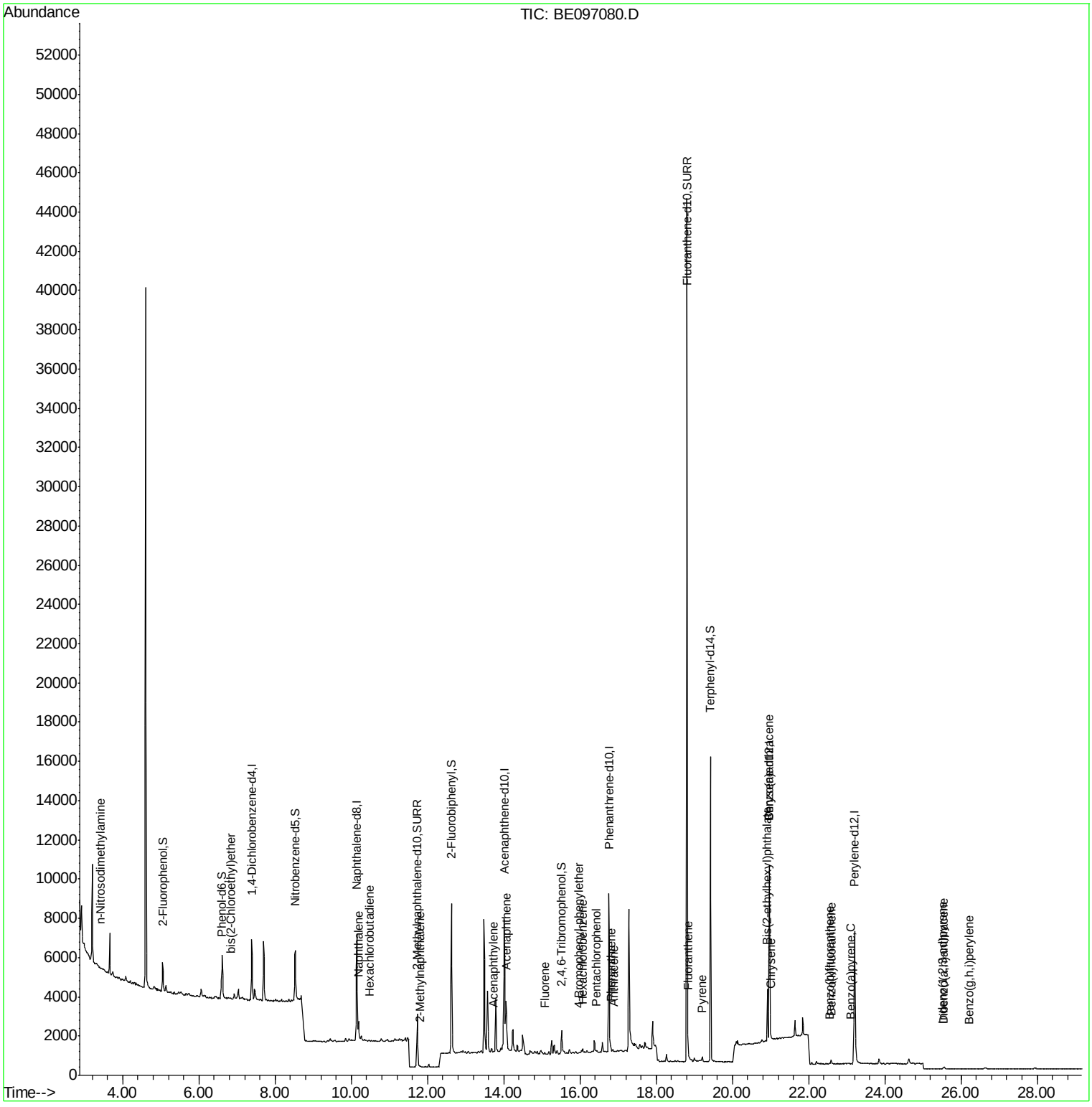
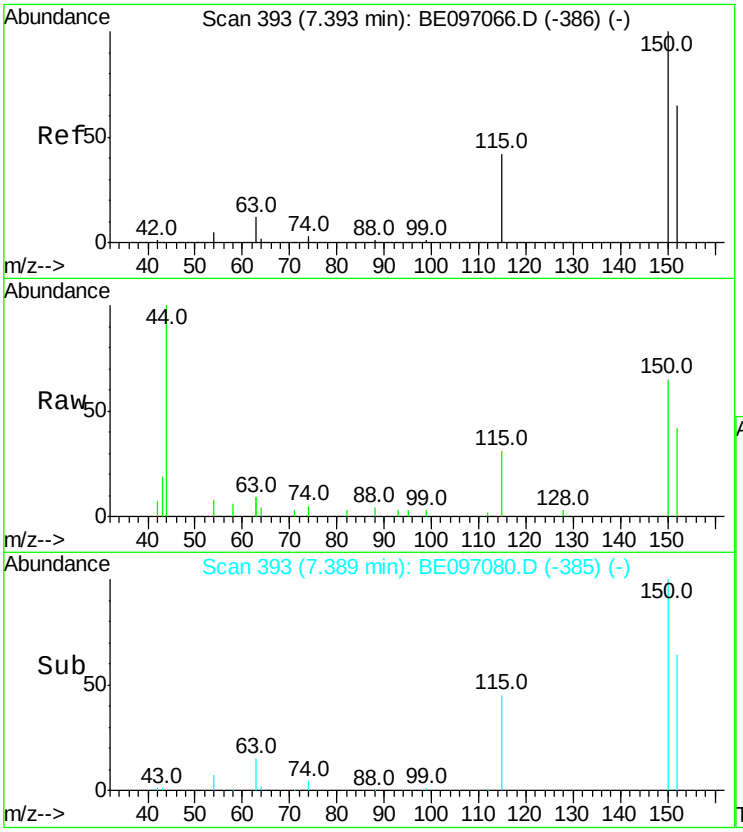
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Quant Time: Jul 25 00:38:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration



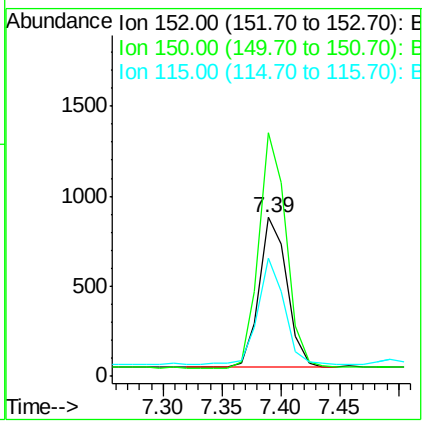


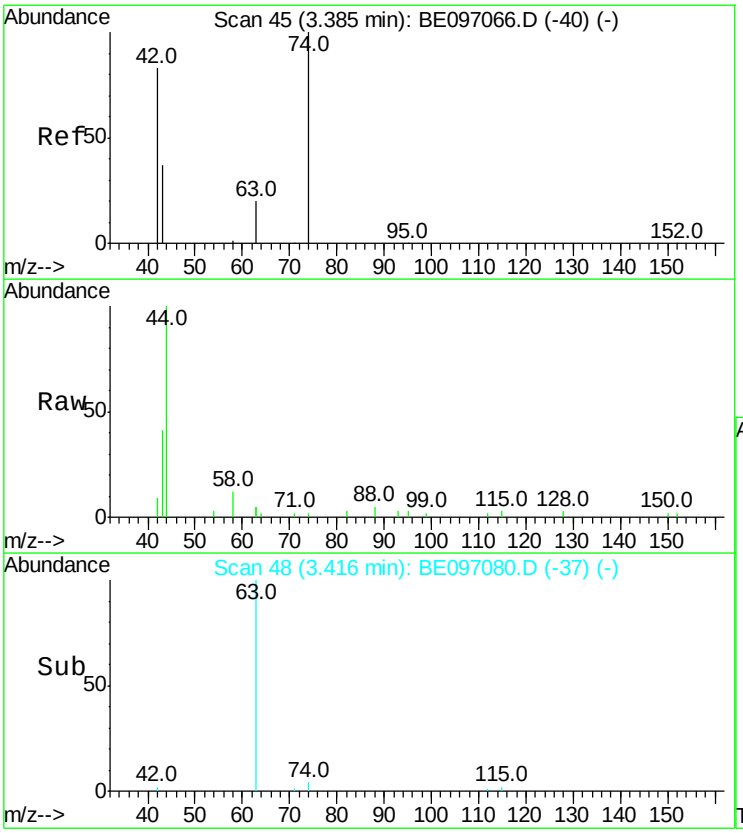
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:152 Resp: 1367

Ion	Ratio	Lower	Upper
152	100		
150	153.3	117.2	175.8
115	74.5	57.0	85.6

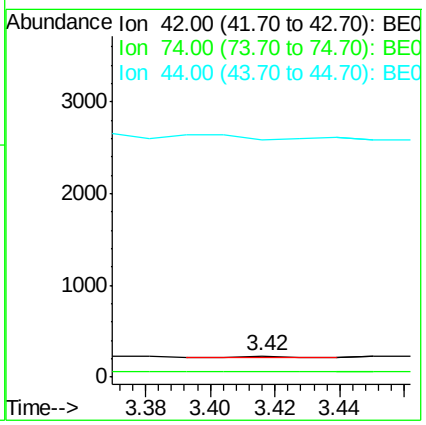


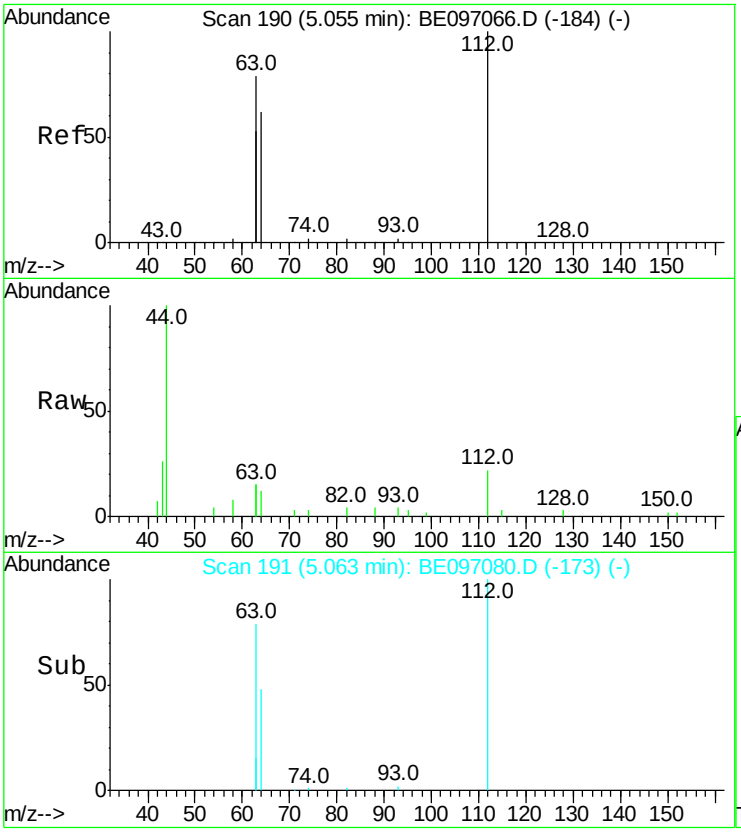


#3
n-Nitrosodimethylamine
Concen: 0.010 ng
RT: 3.42 min Scan# 48
Delta R.T. 0.03 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	50.0	96.0	144.0#
44	0.0	12.0	18.0#



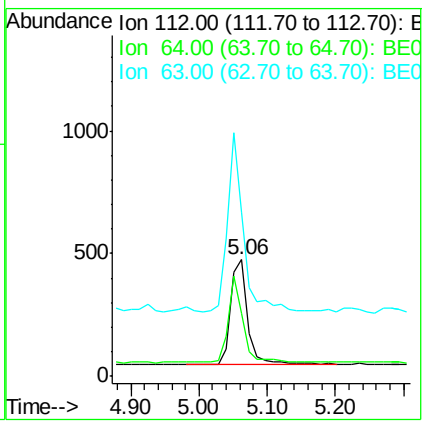


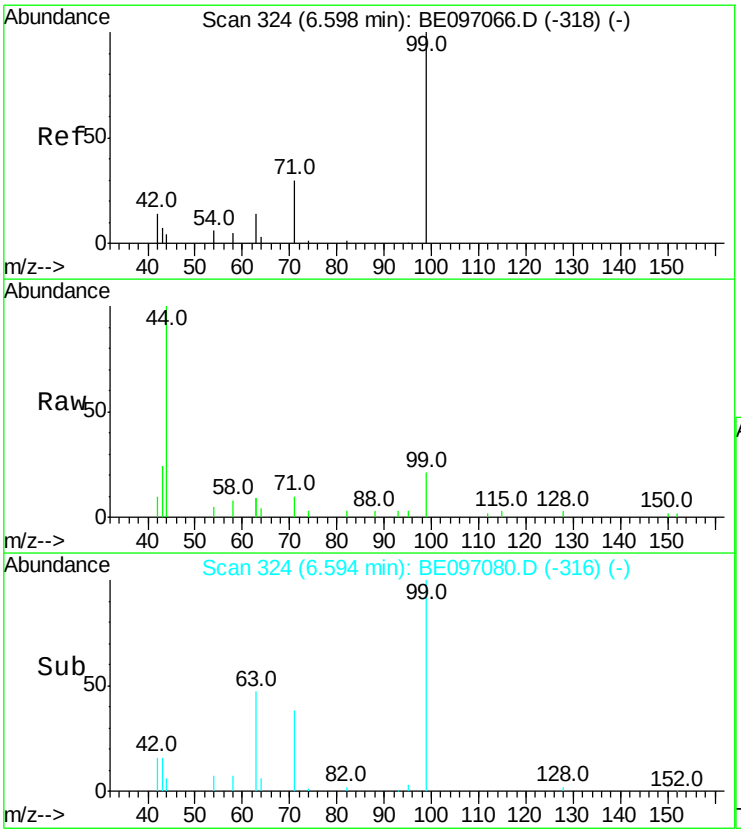
#4
2-Fluorophenol
Concen: 0.204 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:112 Resp: 783

Ion	Ratio	Lower	Upper
112	100		
64	67.3	60.1	90.1
63	153.0	116.8	175.2

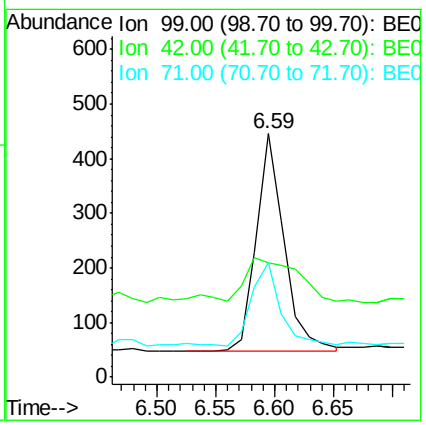


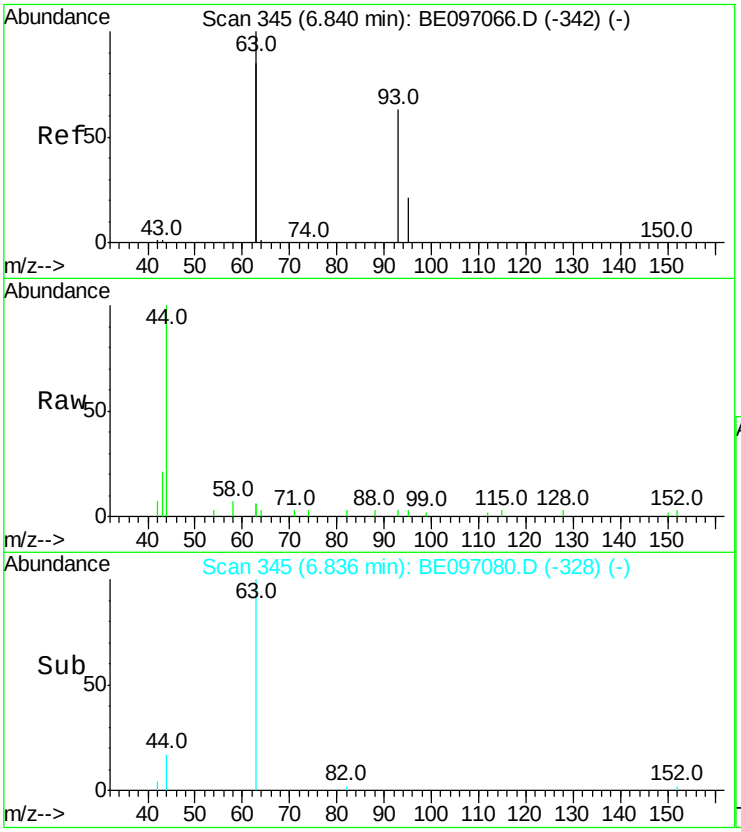


#5
Phenol-d6
Concen: 0.117 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion: 99 Resp: 657

Ion	Ratio	Lower	Upper
99	100		
42	36.2	20.2	30.2#
71	37.6	28.4	42.6



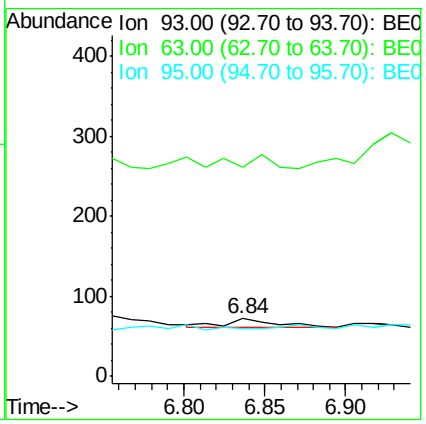


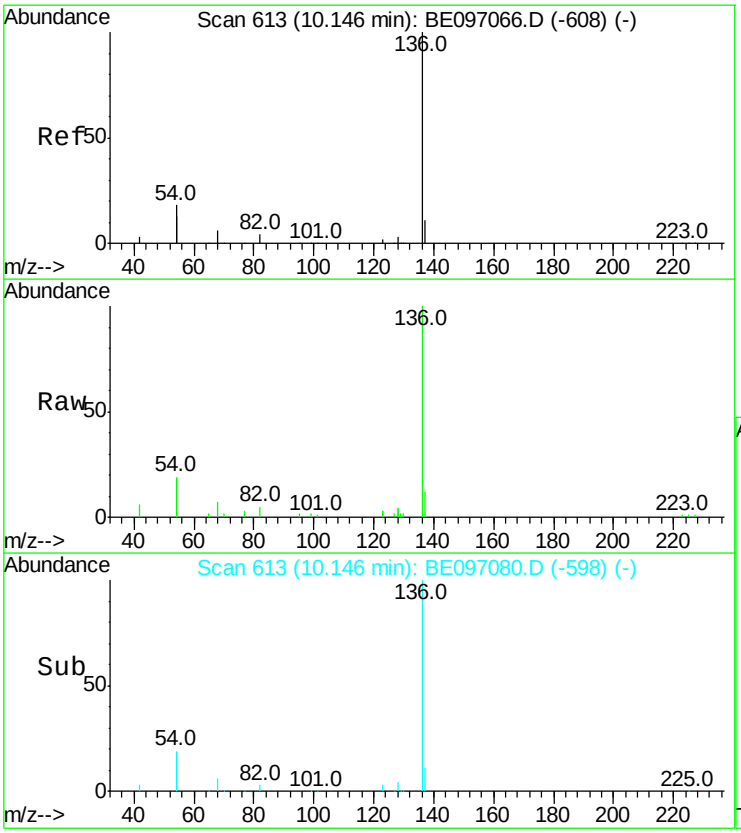
#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion: 93 Resp: 20

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

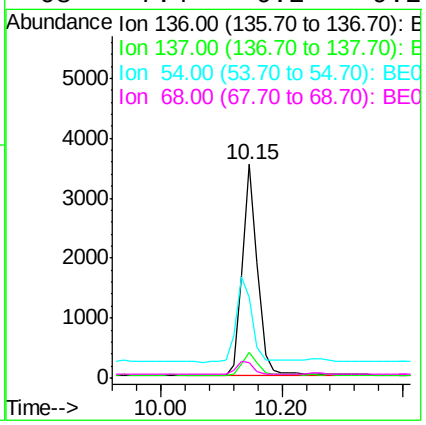


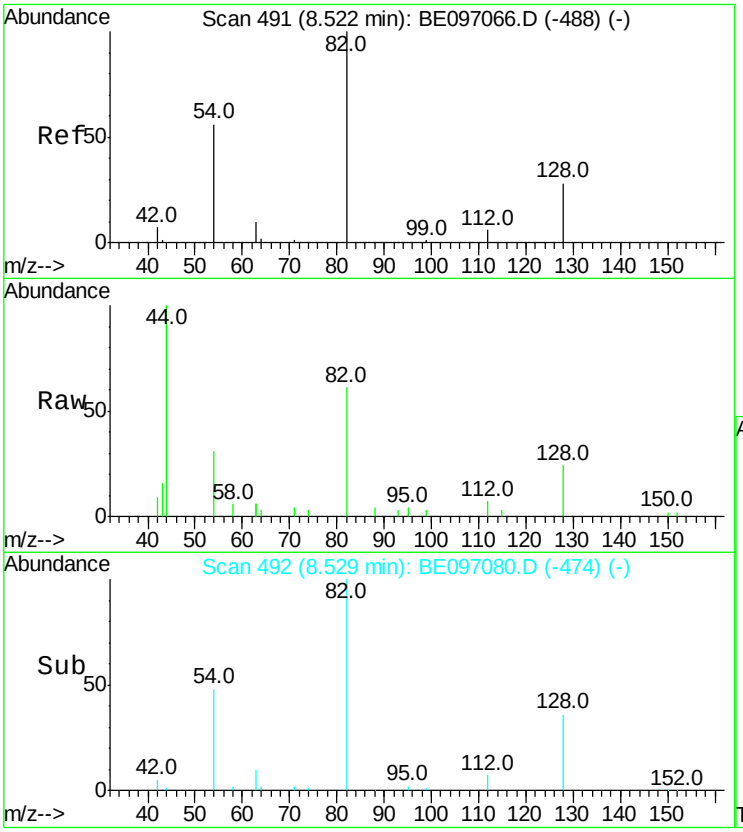


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:136 Resp: 6115

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	37.5	29.1	43.7
68	7.4	6.2	9.2



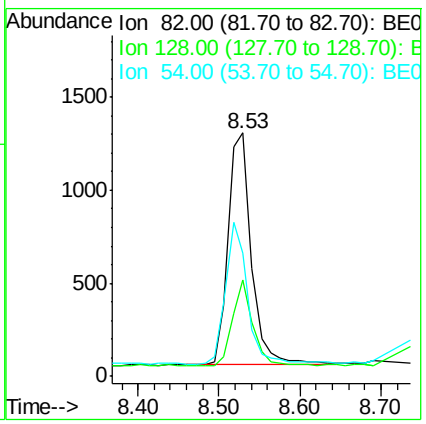


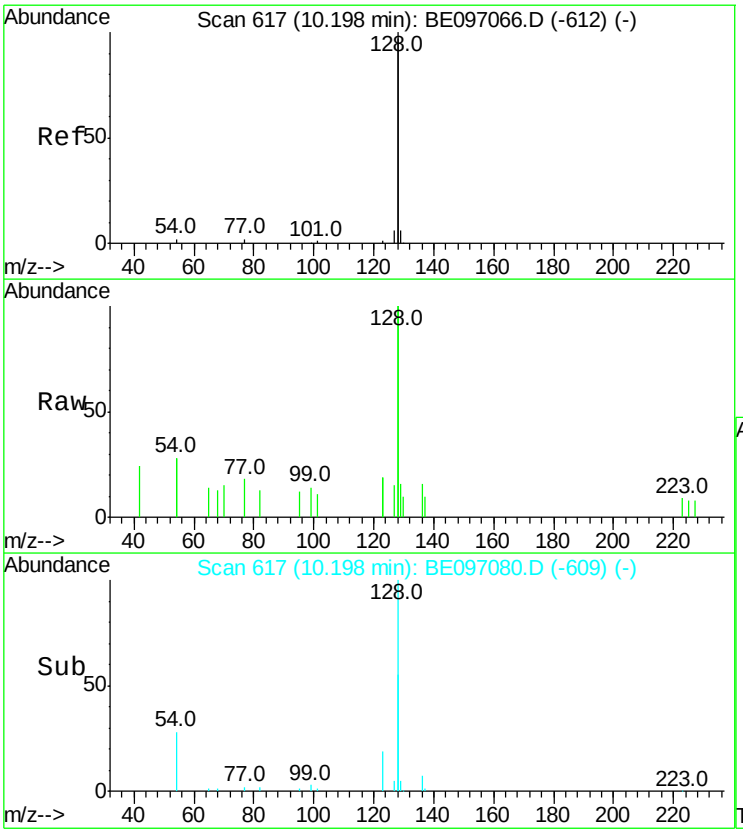
#8
Nitrobenzene-d5
Concen: 0.469 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion: 82 Resp: 2494

Ion	Ratio	Lower	Upper
82	100		
128	39.5	24.0	36.0#
54	50.5	40.0	60.0

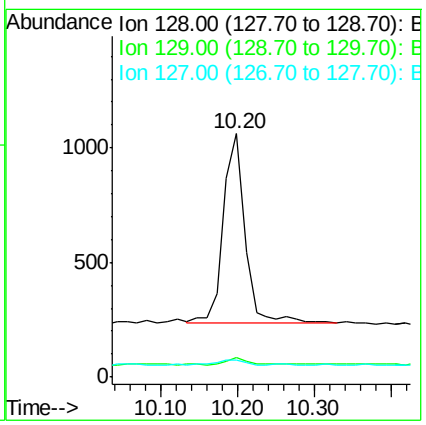


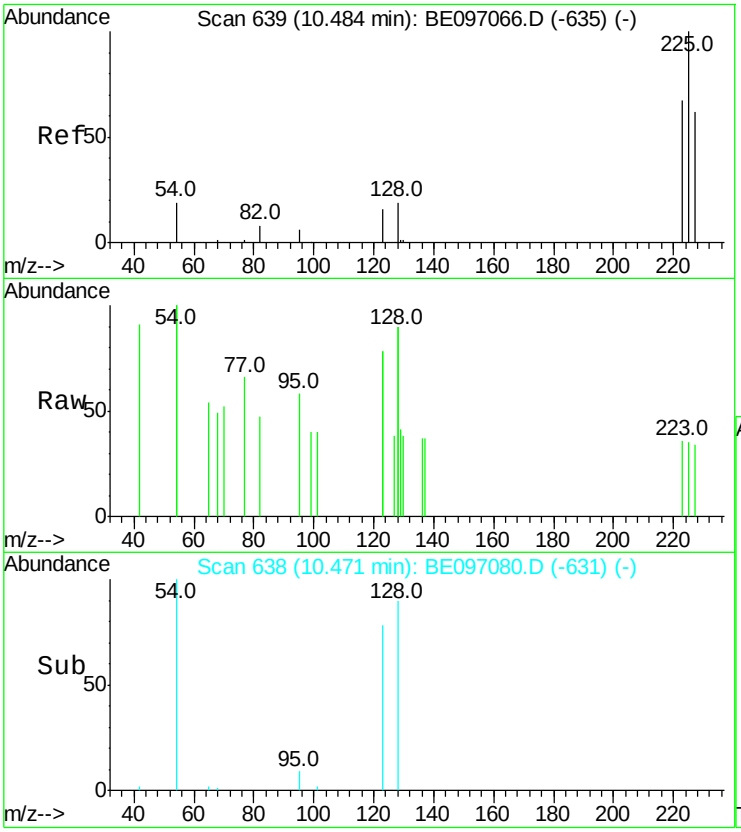


#9
Naphthalene
Concen: 0.029 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:128 Resp: 1609

Ion	Ratio	Lower	Upper
128	100		
129	7.9	2.6	3.8#
127	7.3	2.8	4.2#



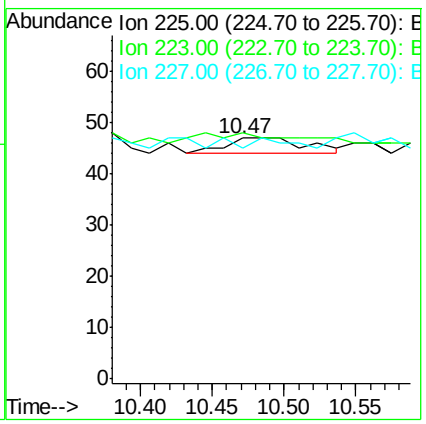


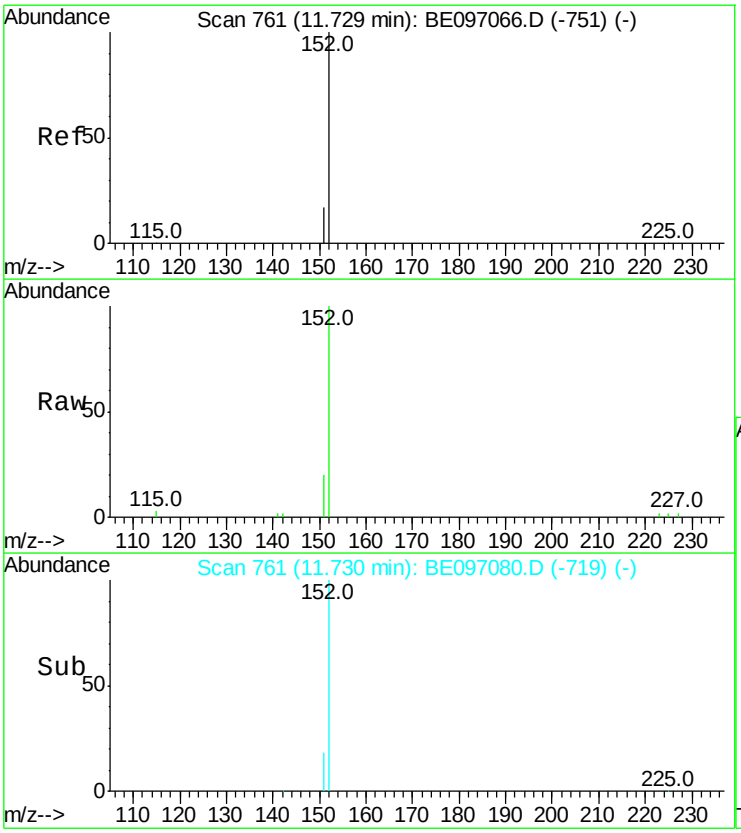
#10
Hexachlorobutadiene
Concen: 0.005 ng
RT: 10.47 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:225 Resp: 12

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	25.0	51.4	77.2#

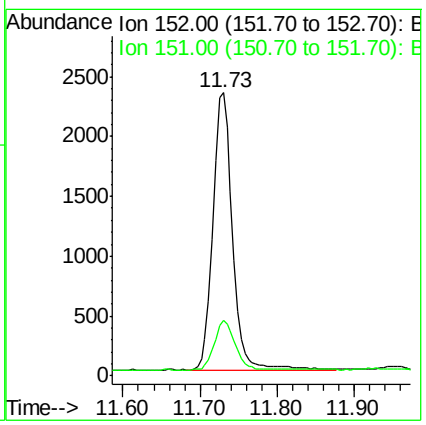


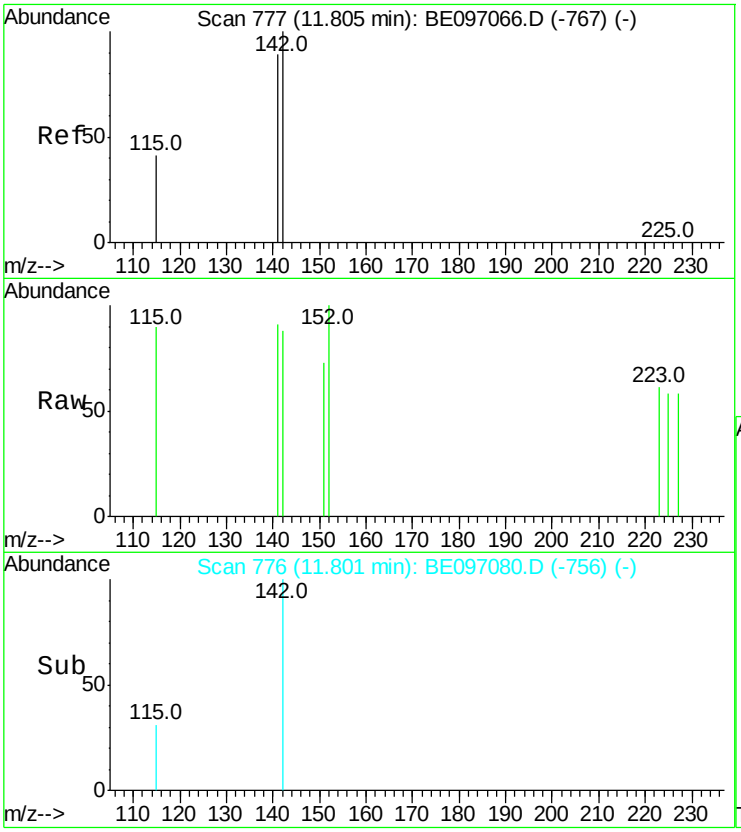


#11
2-Methylnaphthalene-d10
Concen: 0.443 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:152 Resp: 4051

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0



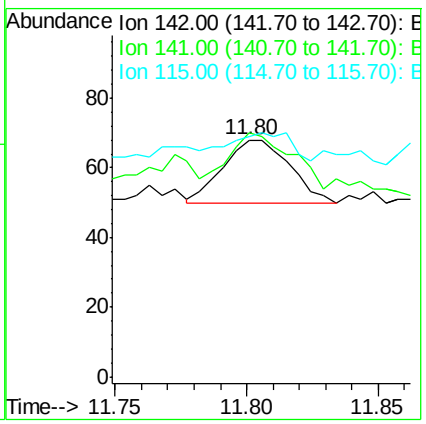


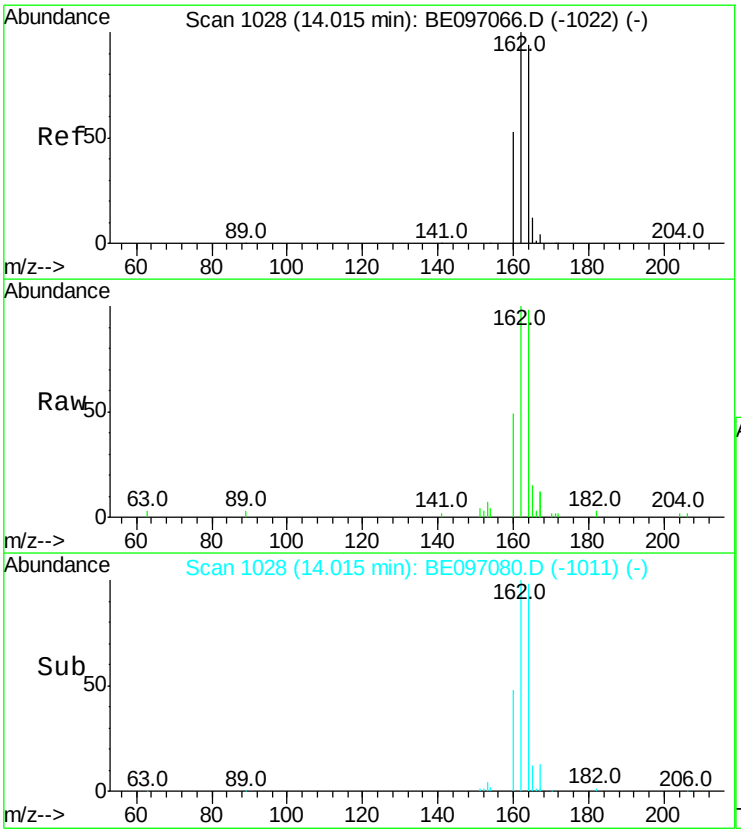
#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:142 Resp: 31

Ion	Ratio	Lower	Upper
142	100		
141	102.9	70.4	105.6
115	101.5	31.7	47.5#

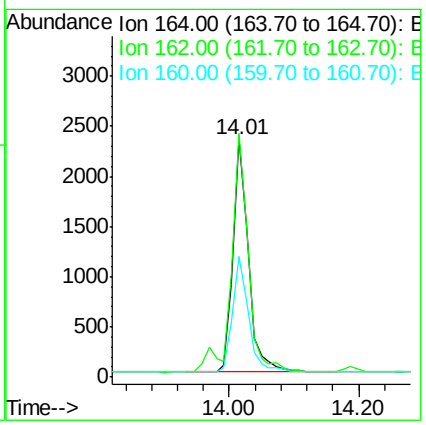


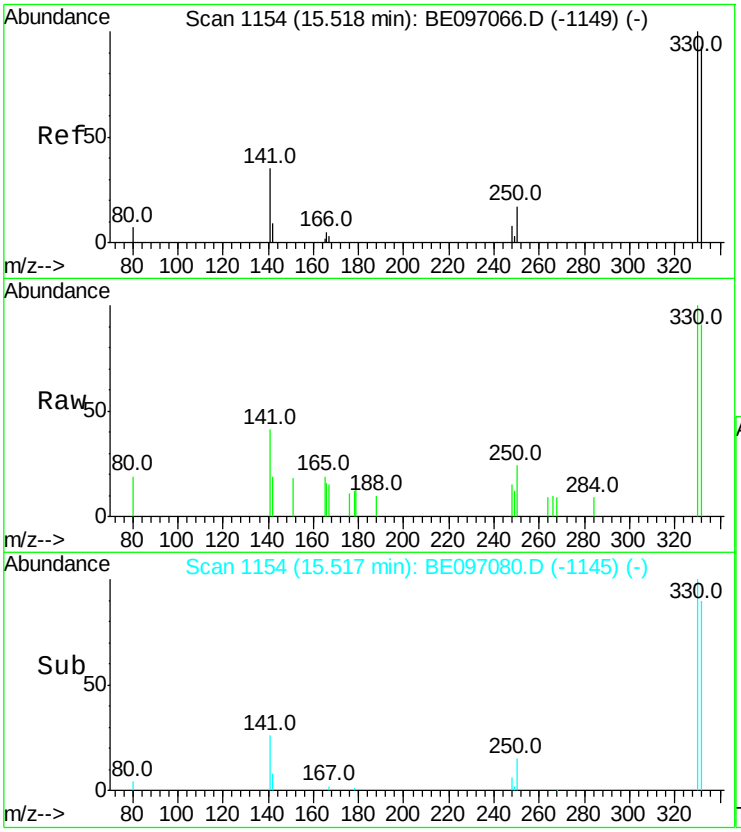


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:164 Resp: 3772

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.1	124.7
160	50.5	37.1	55.7



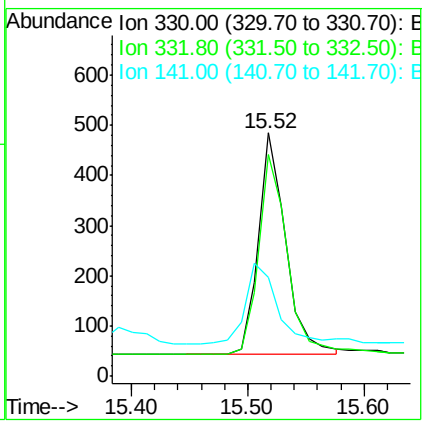


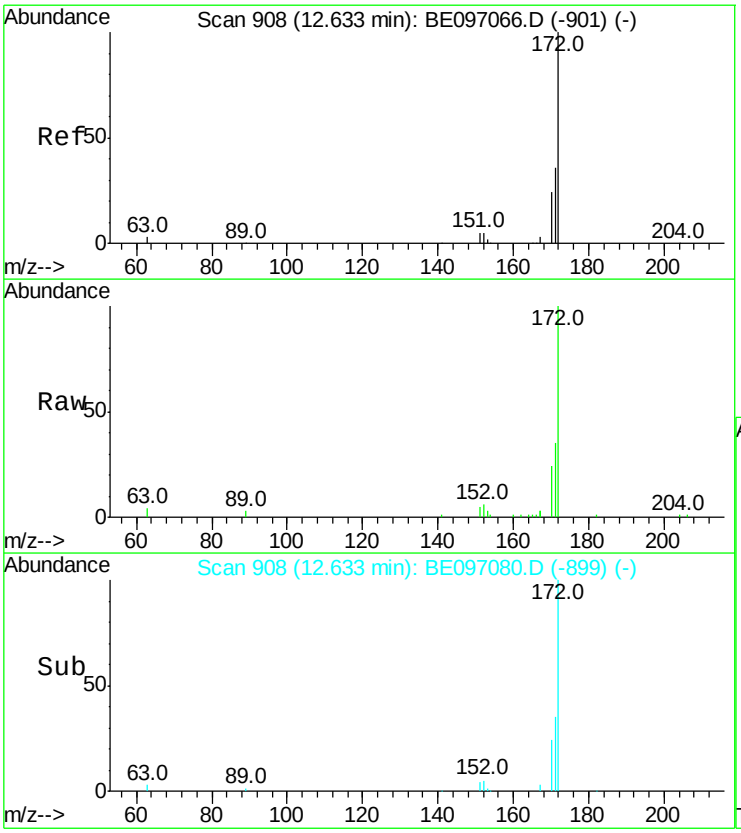
#14
2,4,6-Tribromophenol
Concen: 0.587 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:330 Resp: 729

Ion	Ratio	Lower	Upper
330	100		
332	93.4	152.7	229.1#
141	41.0	33.7	50.5

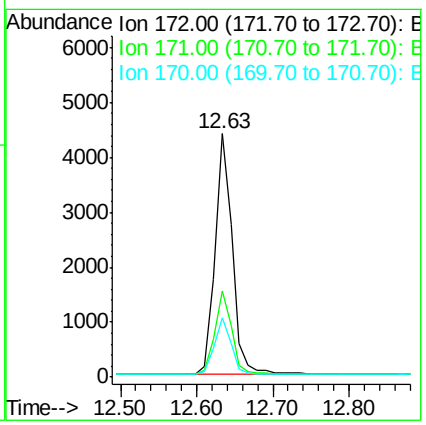


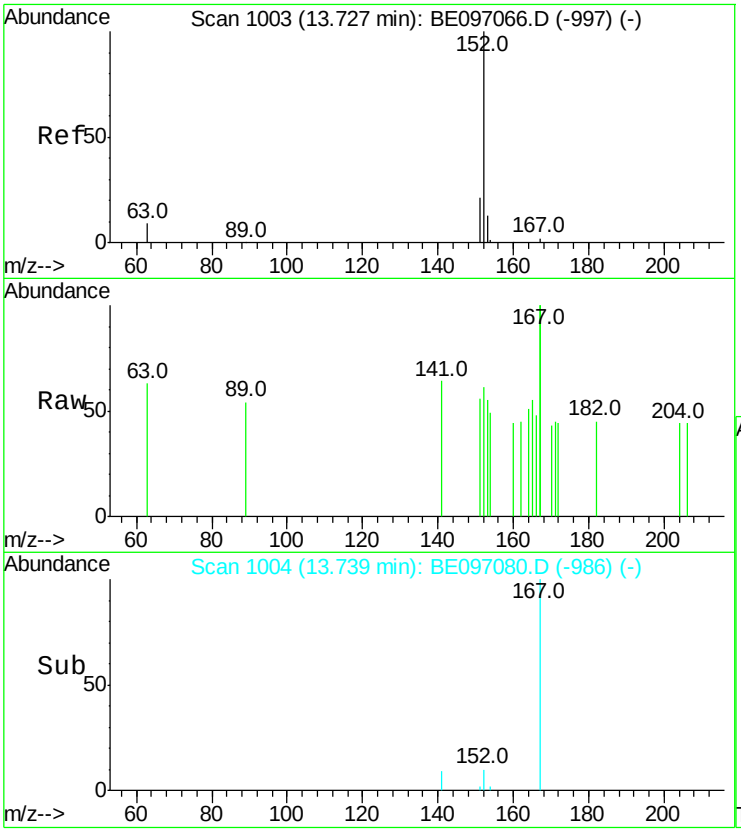


#15
2-Fluorobiphenyl
Concen: 0.531 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:172 Resp: 6924

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	24.3	21.8	32.8



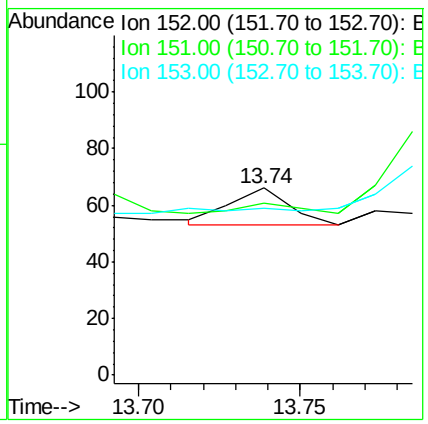


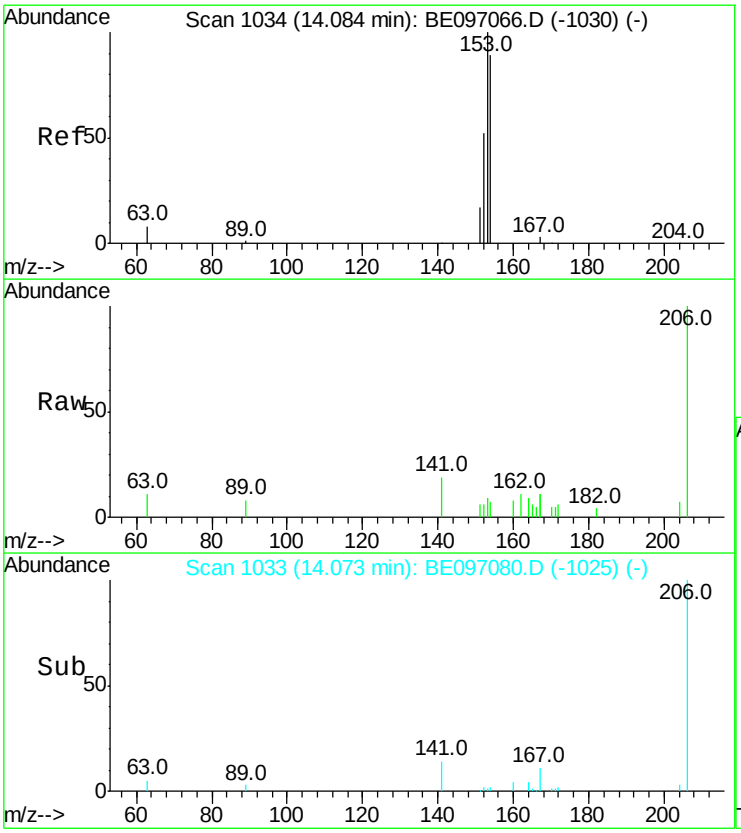
#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:152 Resp: 17

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

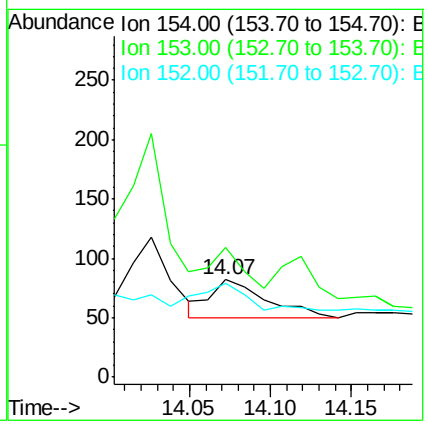


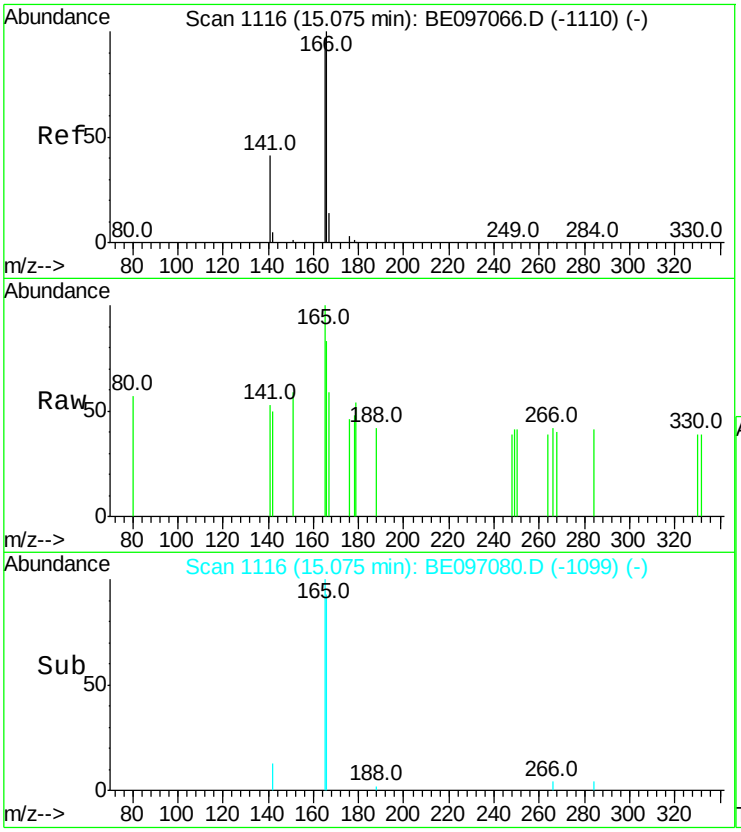


#17
Acenaphthene
Concen: 0.008 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:154 Resp: 77

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	63.6	42.0	63.0#



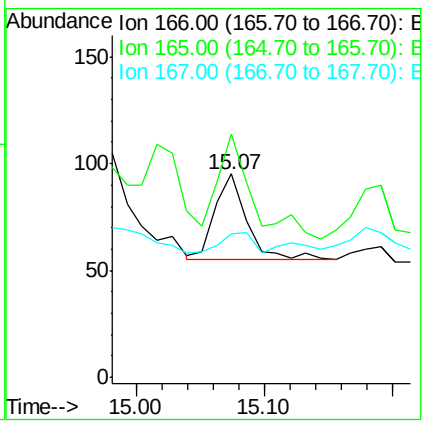


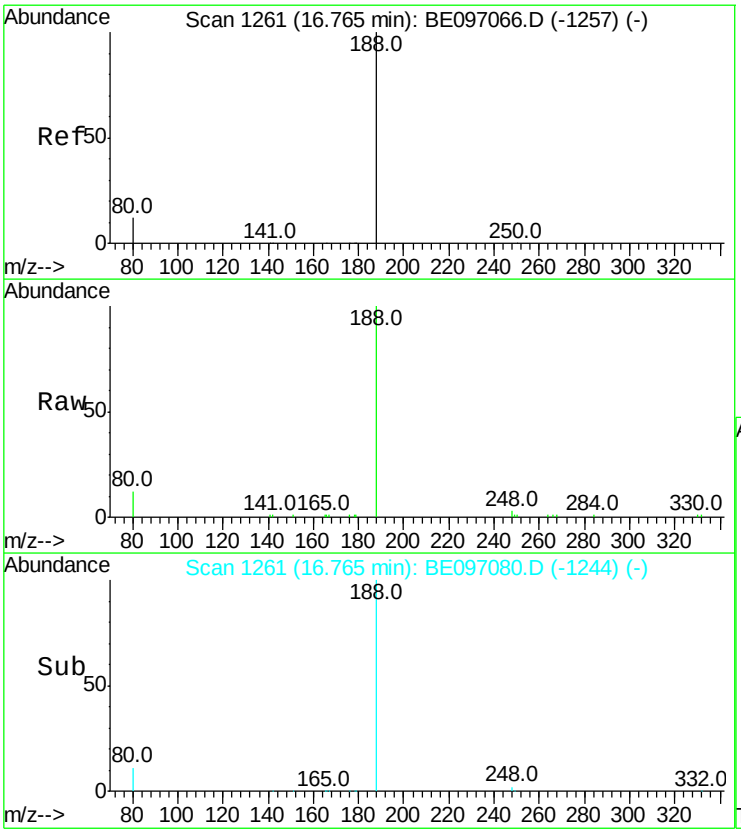
#18
Fluorene
Concen: 0.005 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:166 Resp: 71

Ion	Ratio	Lower	Upper
166	100		
165	126.8	77.8	116.6#
167	26.8	42.4	63.6#

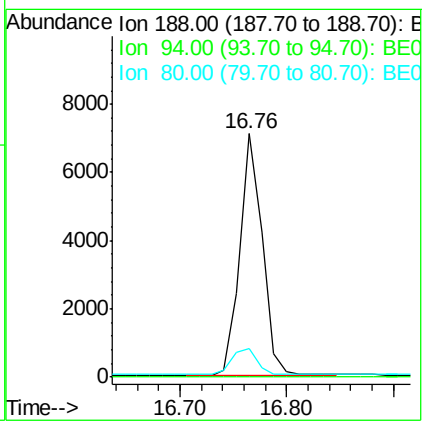


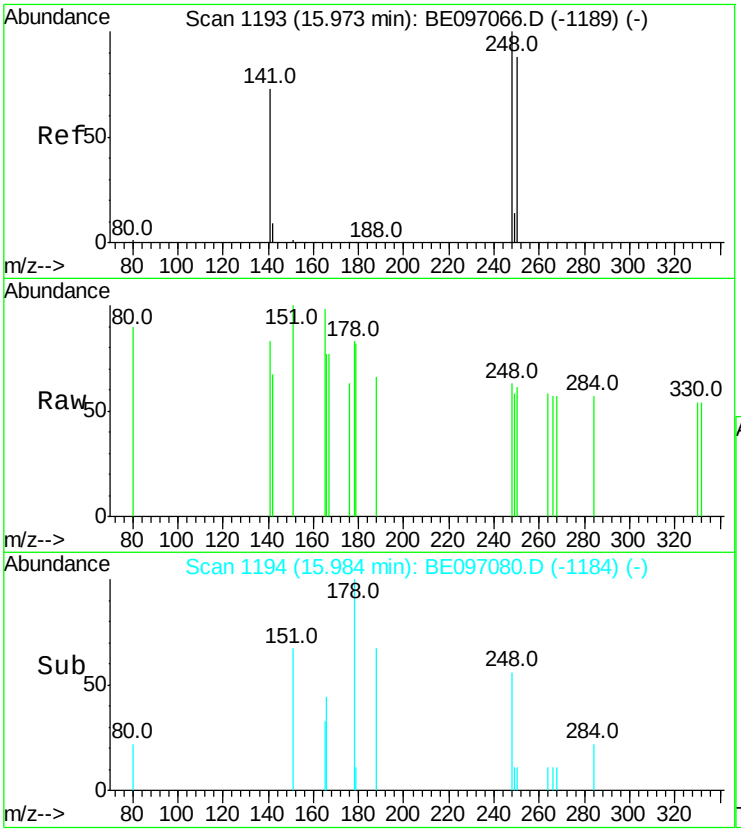


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:188 Resp: 10265

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.8	3.6	5.4#



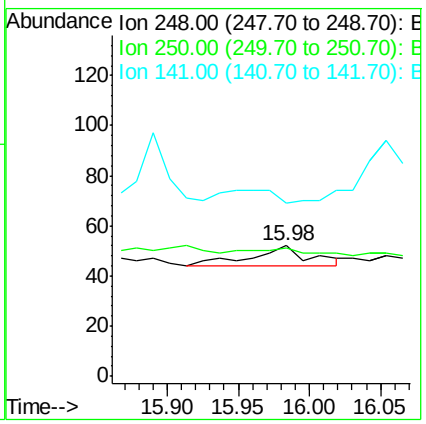


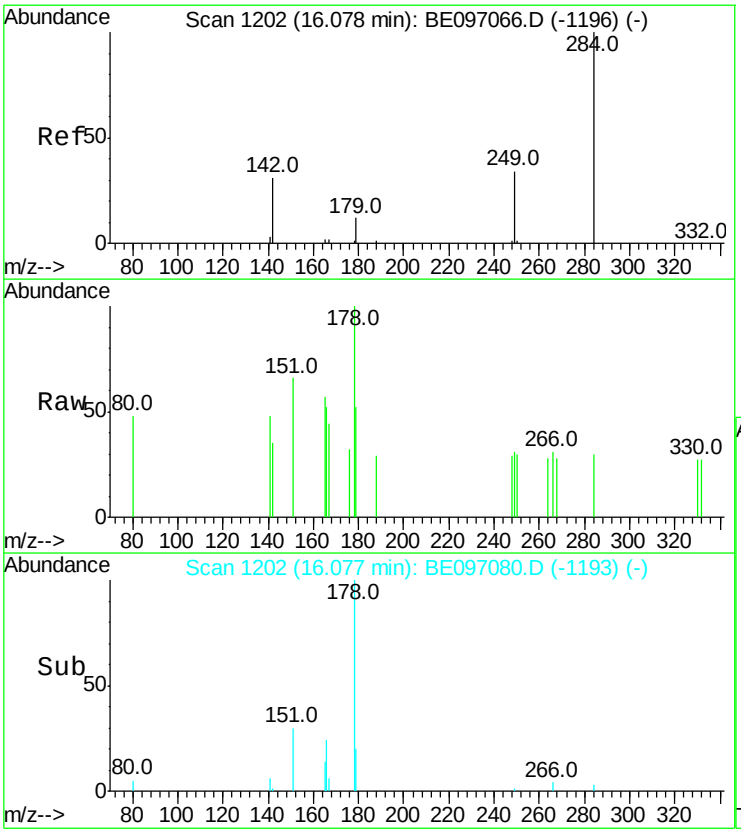
#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:248 Resp: 22

Ion	Ratio	Lower	Upper
248	100		
250	98.1	62.7	94.1#
141	132.7	48.2	72.2#

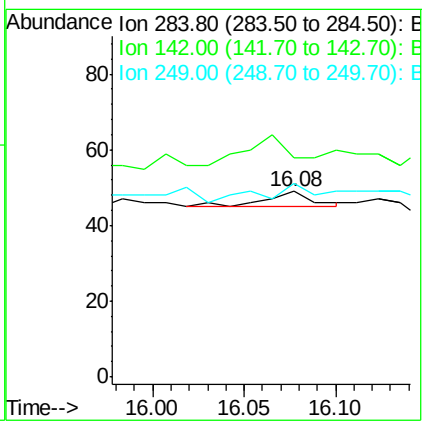


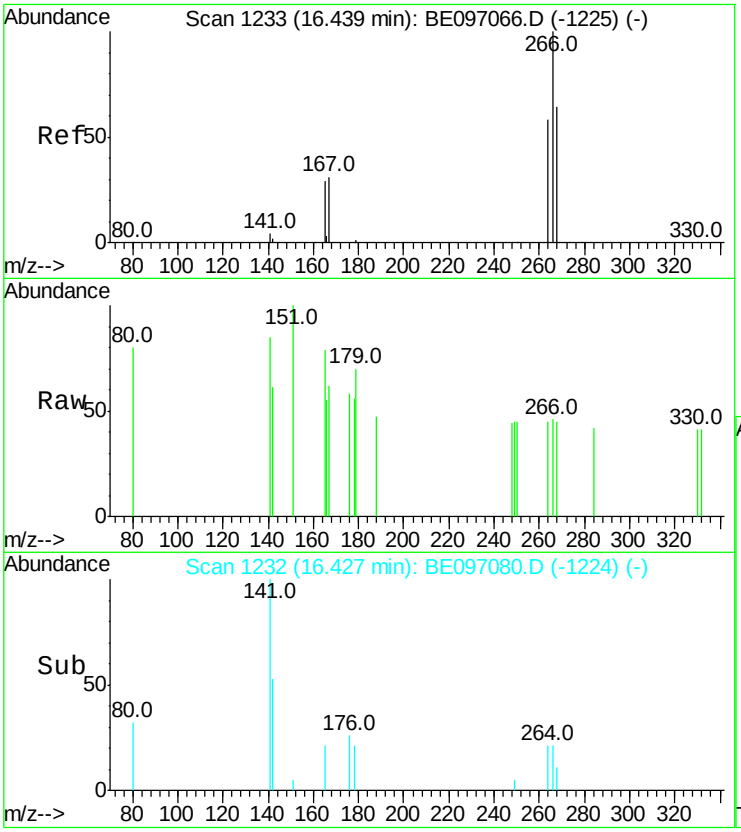


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:284 Resp: 7

Ion	Ratio	Lower	Upper
284	100		
142	214.3	22.1	33.1#
249	157.1	34.8	52.2#



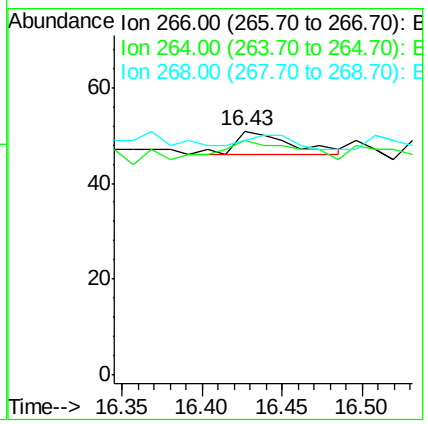


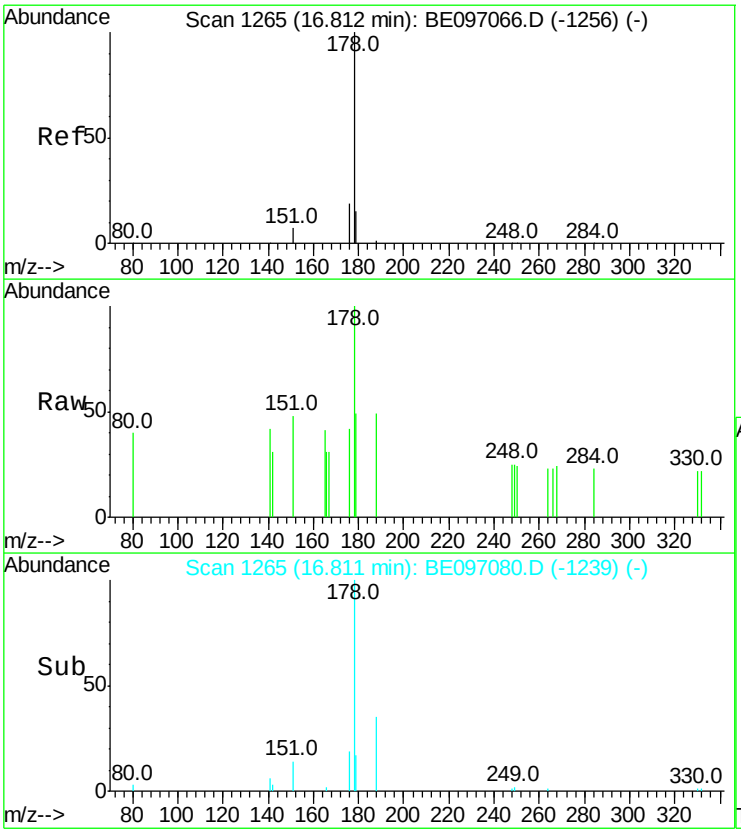
#22
Pentachlorophenol
Concen: 0.044 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	96.1	72.5	108.7
268	96.1	73.8	110.6

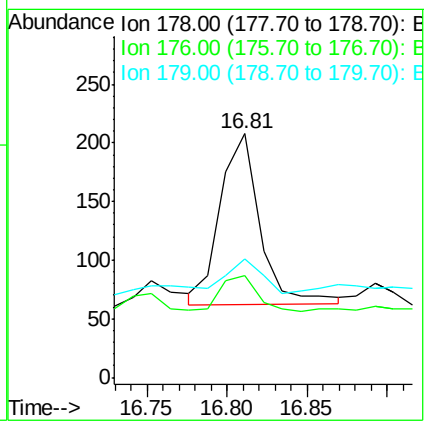


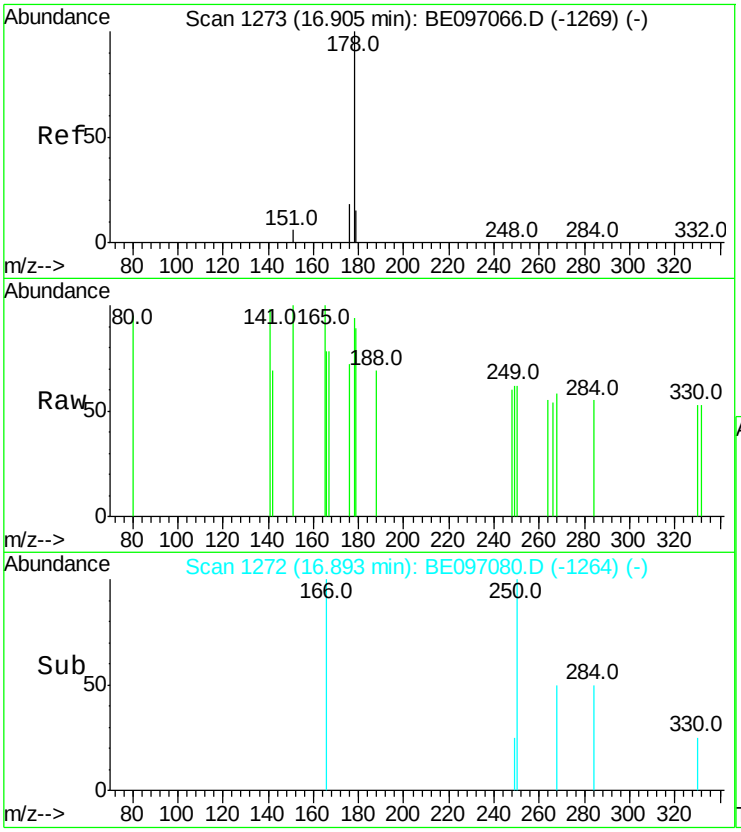


#23
Phenanthrene
Concen: 0.010 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:178 Resp: 250

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	29.2	11.8	17.6#



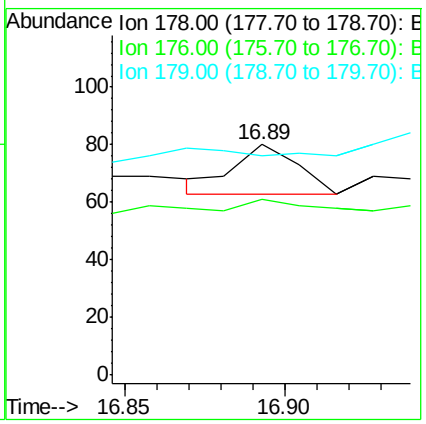


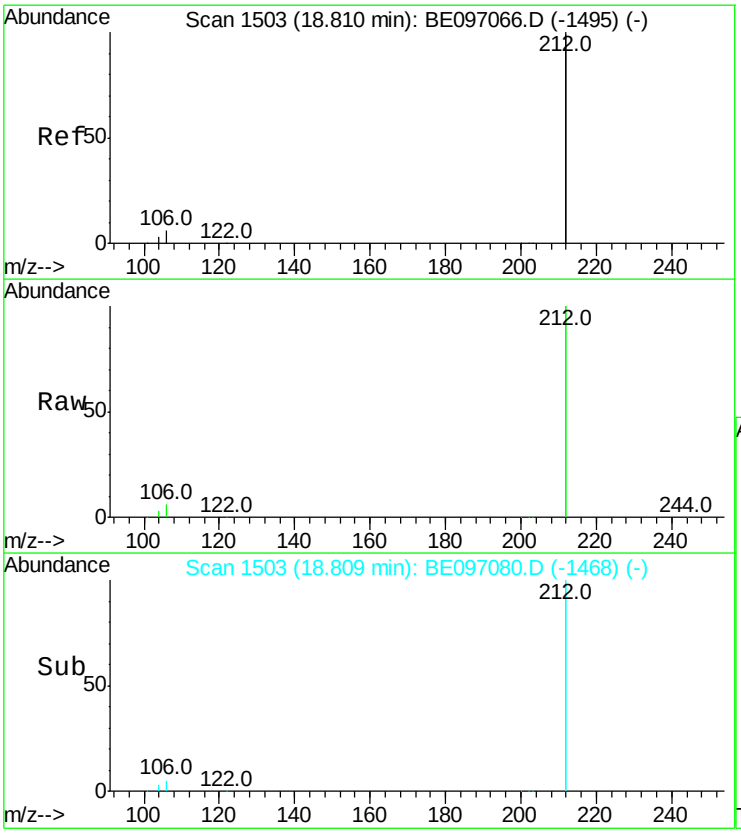
#24
Anthracene
Concen: 0.001 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:178 Resp: 23

Ion	Ratio	Lower	Upper
178	100		
176	52.2	12.8	19.2#
179	0.0	13.0	19.6#

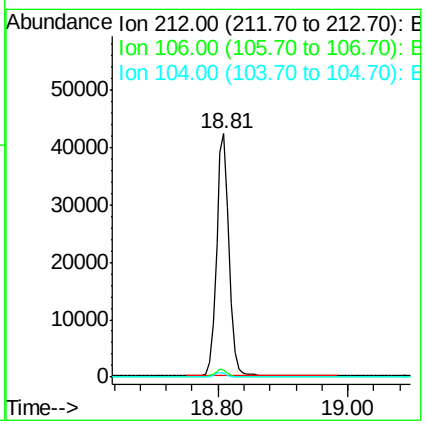


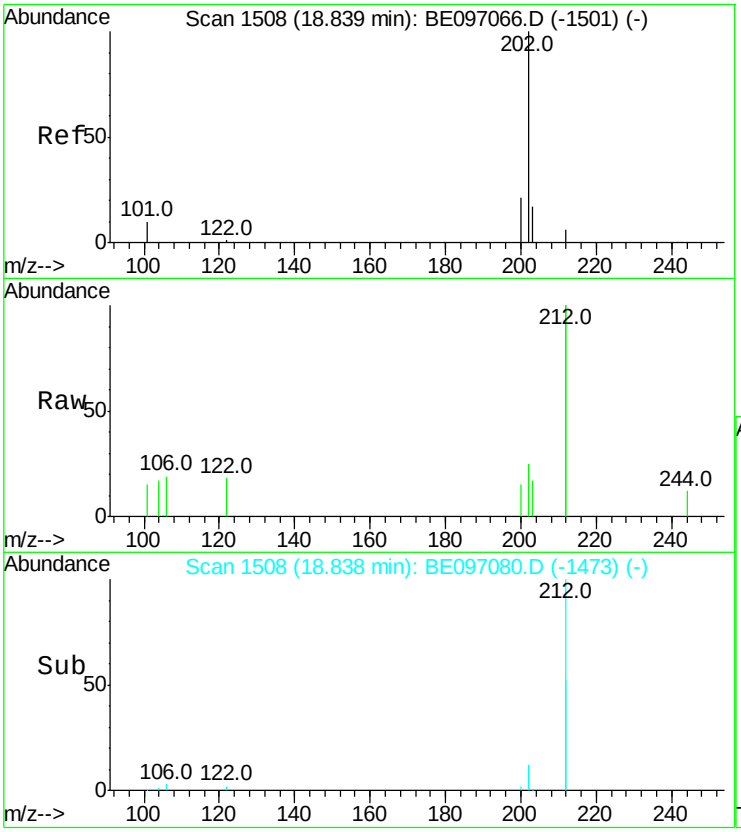


#25
Fluoranthene-d10
Concen: 0.560 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:212 Resp: 57529

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4



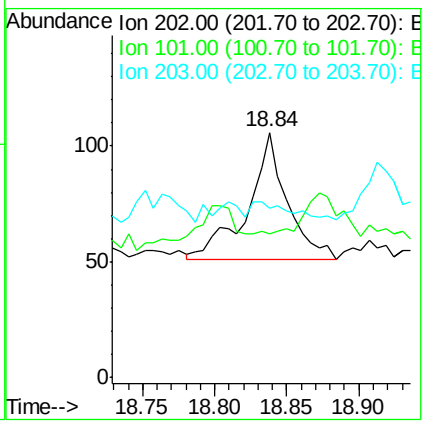


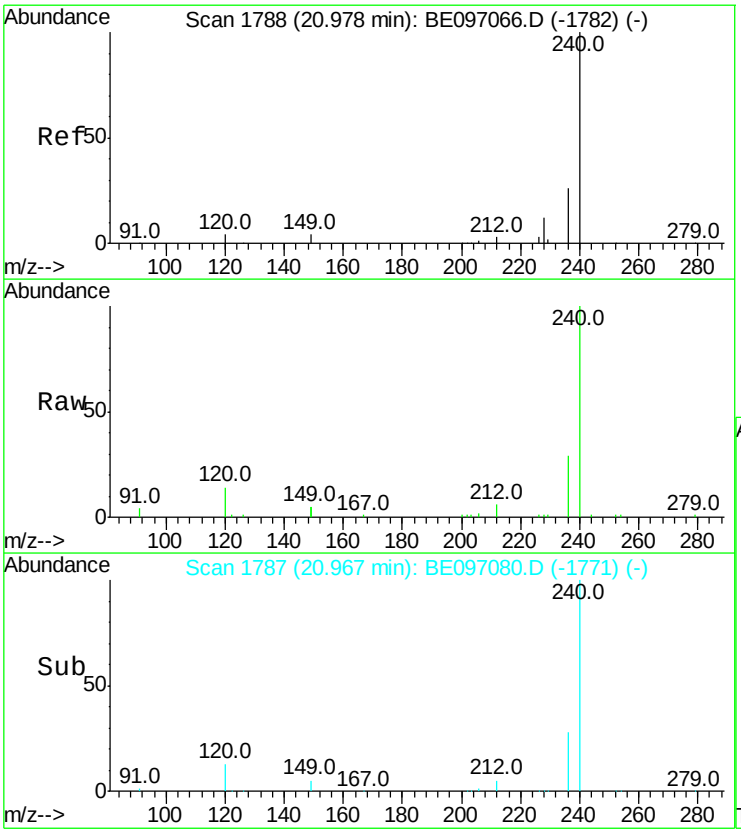
#26
Fluoranthene
Concen: 0.004 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:202 Resp: 104

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	15.4	13.7	20.5

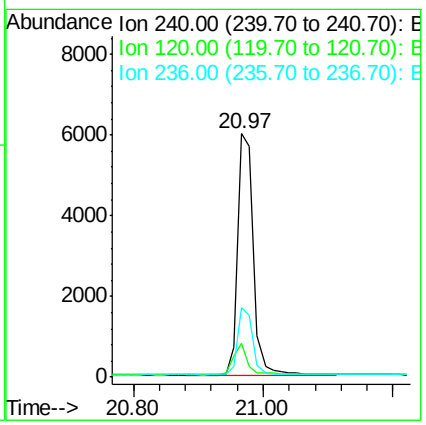


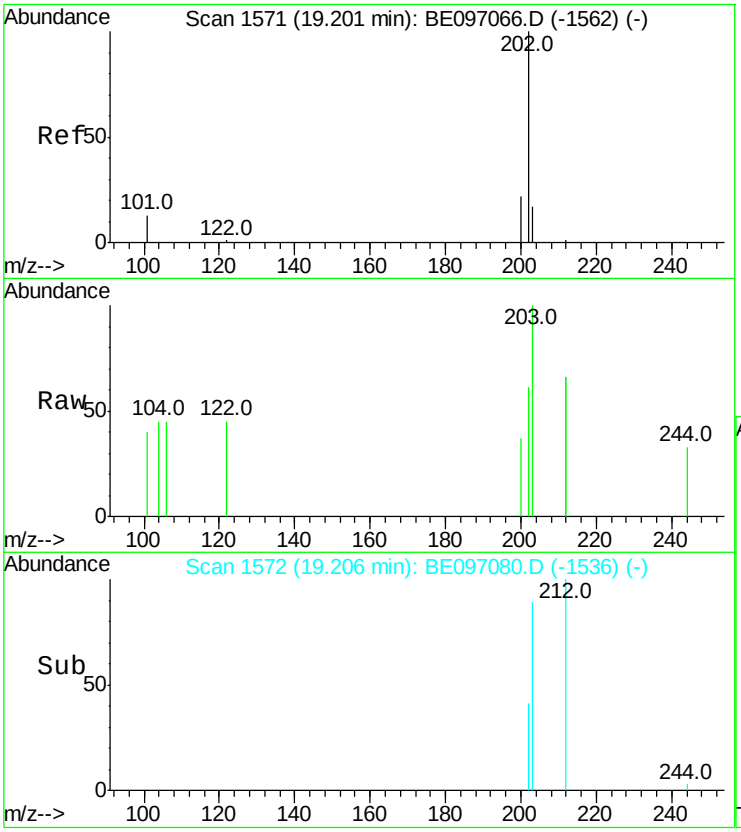


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:240 Resp: 10157

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.5	8.3#
236	28.8	20.7	31.1



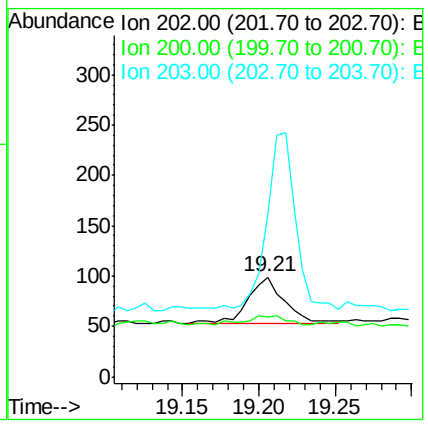


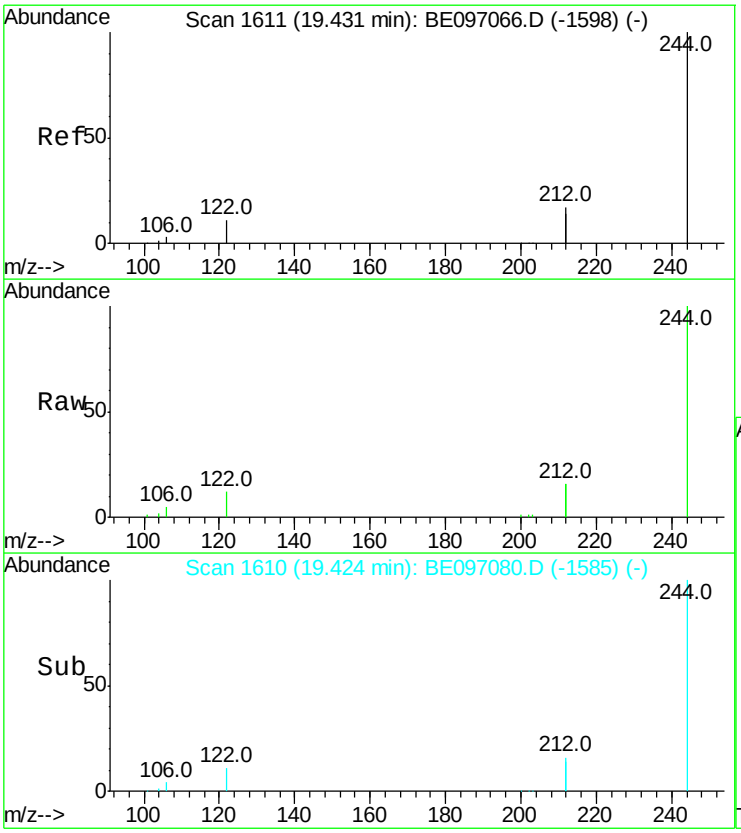
#28
Pyrene
Concen: 0.003 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:202 Resp: 77

Ion	Ratio	Lower	Upper
202	100		
200	18.2	16.6	25.0
203	293.5	13.8	20.8#

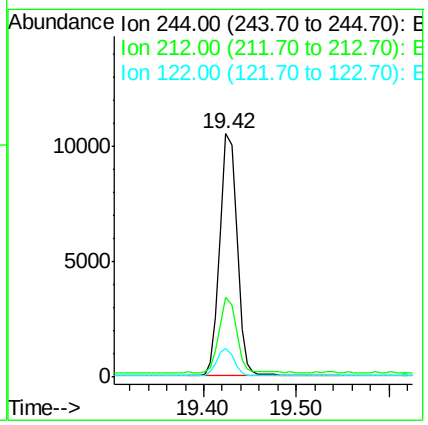


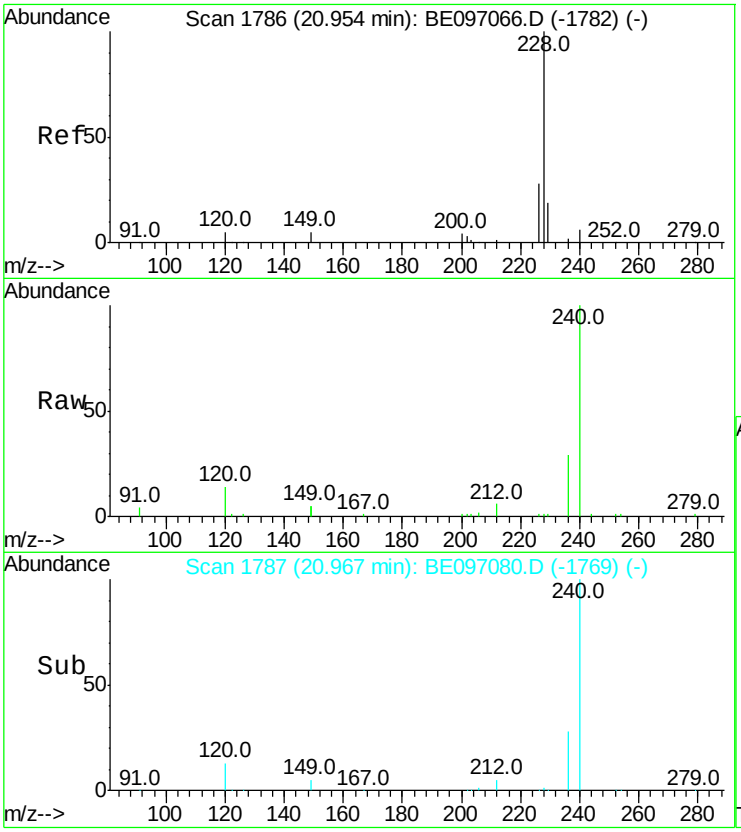


#29
Terphenyl-d14
Concen: 0.697 ng
RT: 19.42 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:244 Resp: 13602

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.4	38.0
122	11.8	8.1	12.1



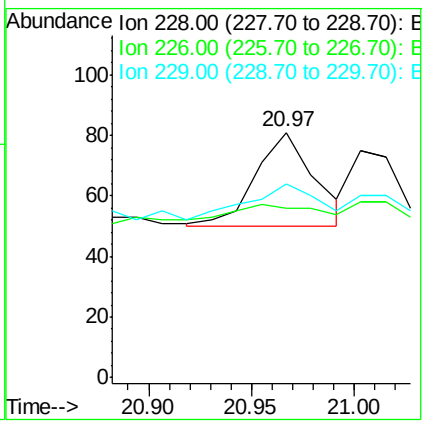


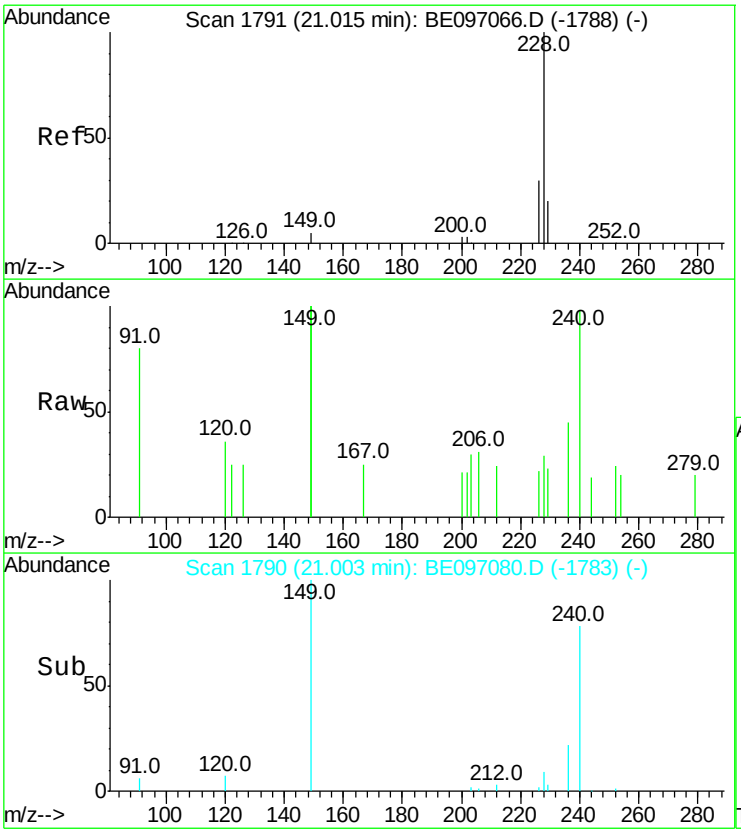
#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:228 Resp: 62

Ion	Ratio	Lower	Upper
228	100		
226	69.1	24.0	36.0#
229	79.0	16.0	24.0#

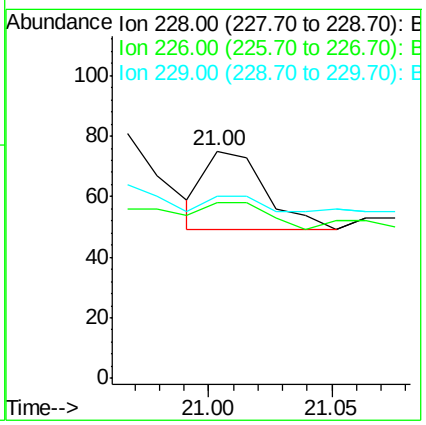


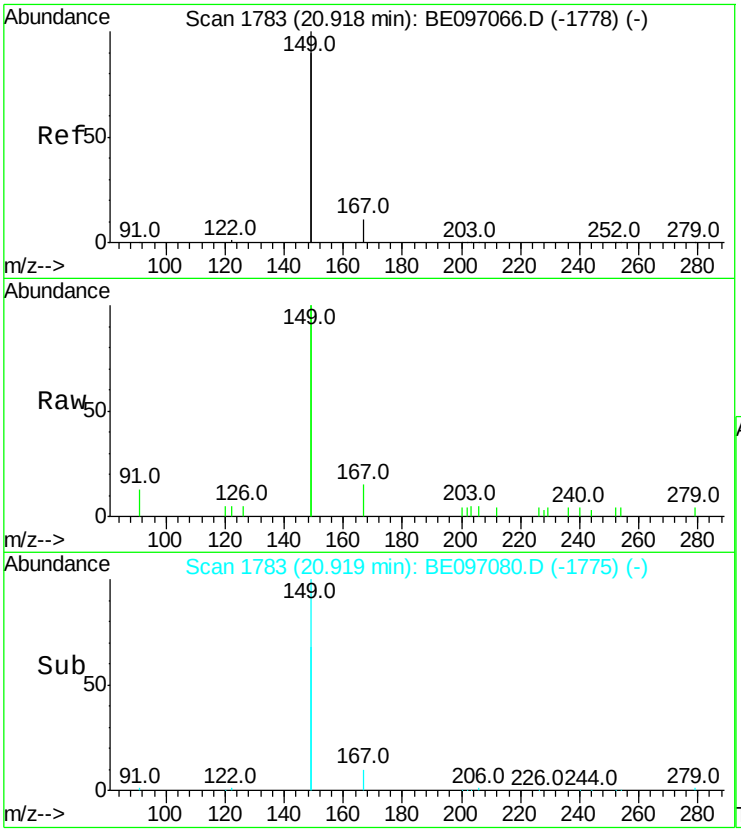


#31
Chrysene
Concen: 0.002 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:228 Resp: 45

Ion	Ratio	Lower	Upper
228	100		
226	77.3	24.0	36.0#
229	80.0	16.0	24.0#



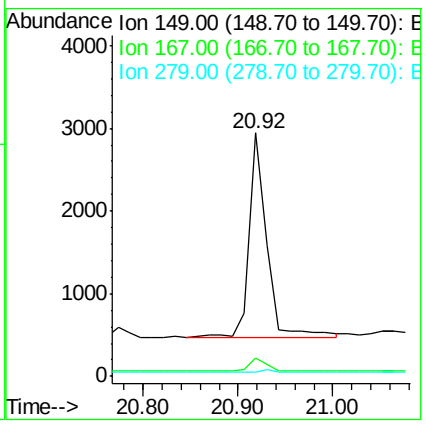


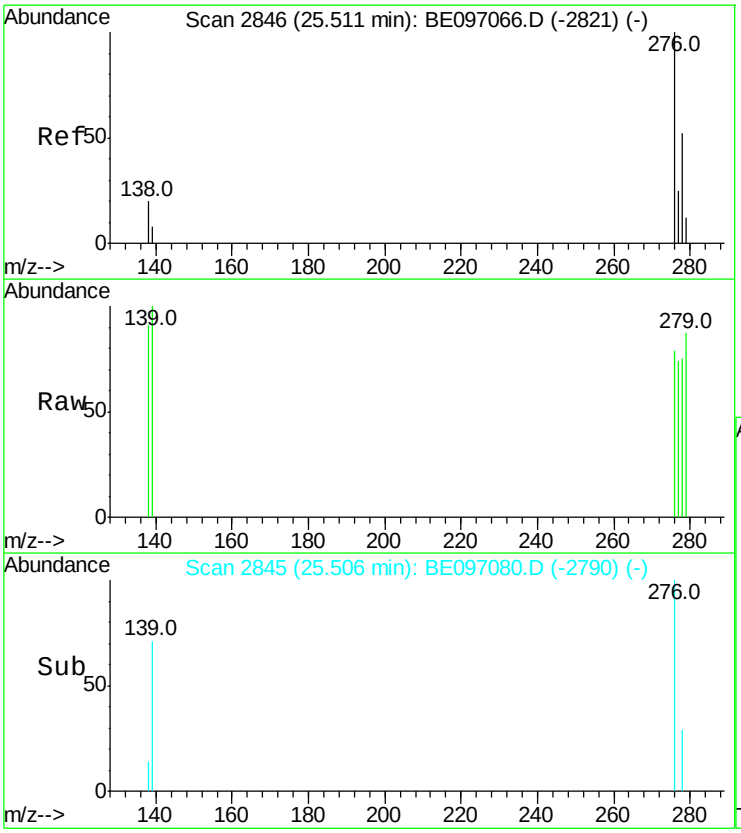
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:149 Resp: 3186

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.3	0.7	1.1#

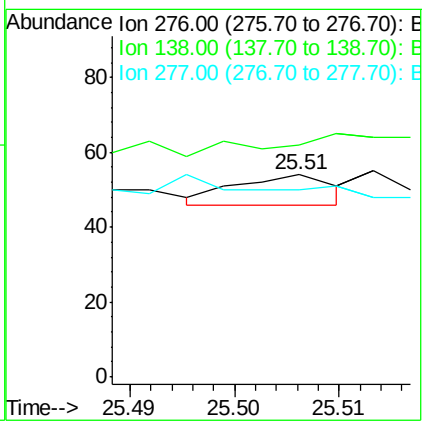


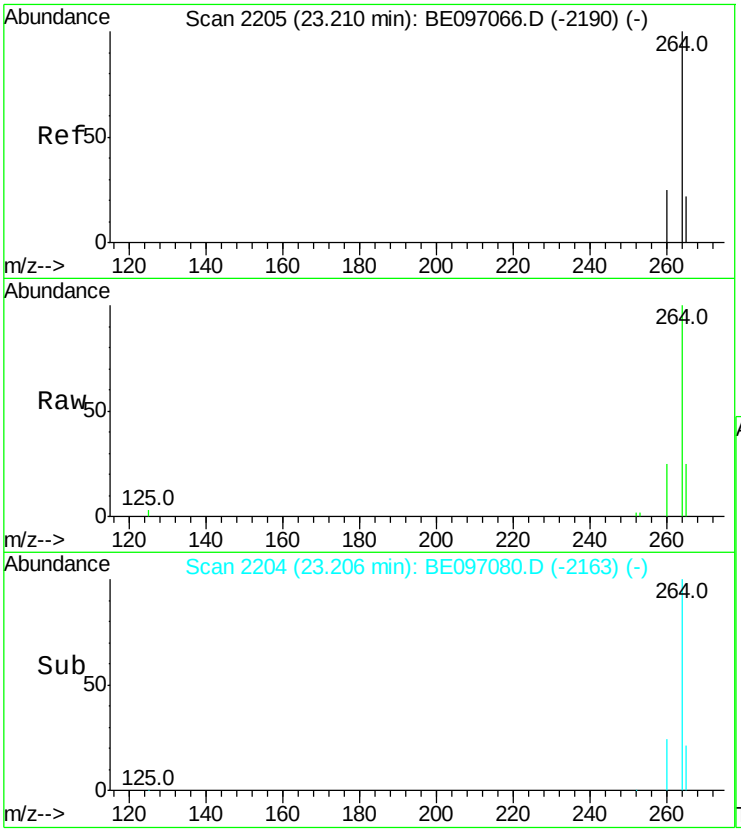


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:276 Resp: 5

Ion	Ratio	Lower	Upper
276	100		
138	60.0	22.5	33.7#
277	60.0	19.9	29.9#



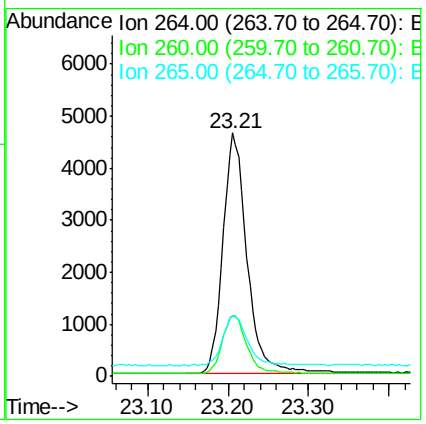


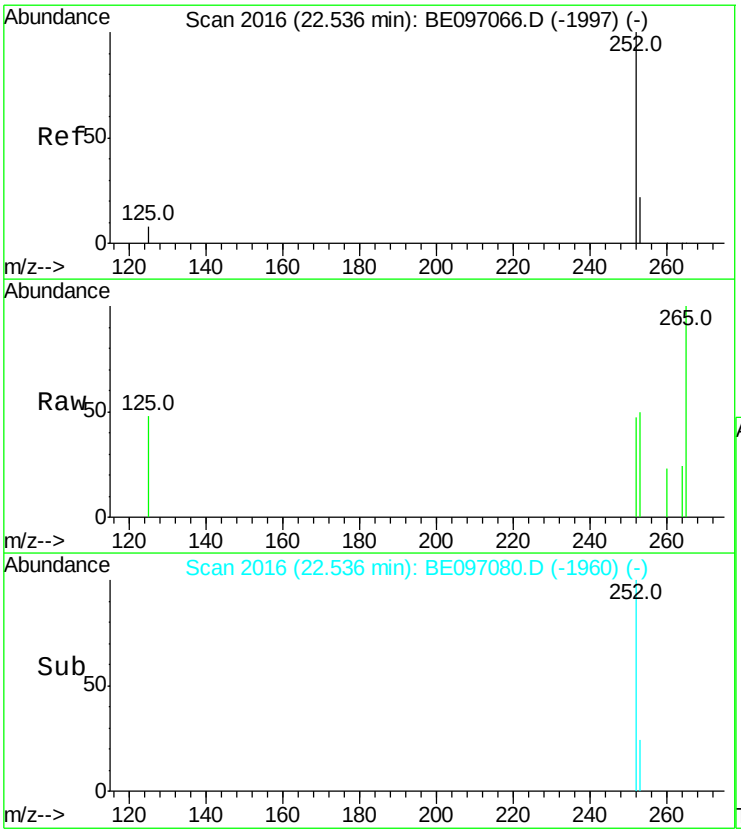
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:264 Resp: 9632

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	25.1	22.8	34.2

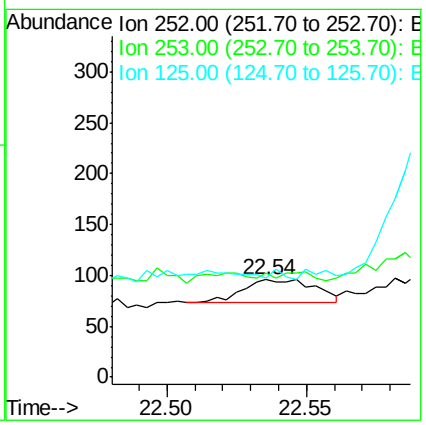


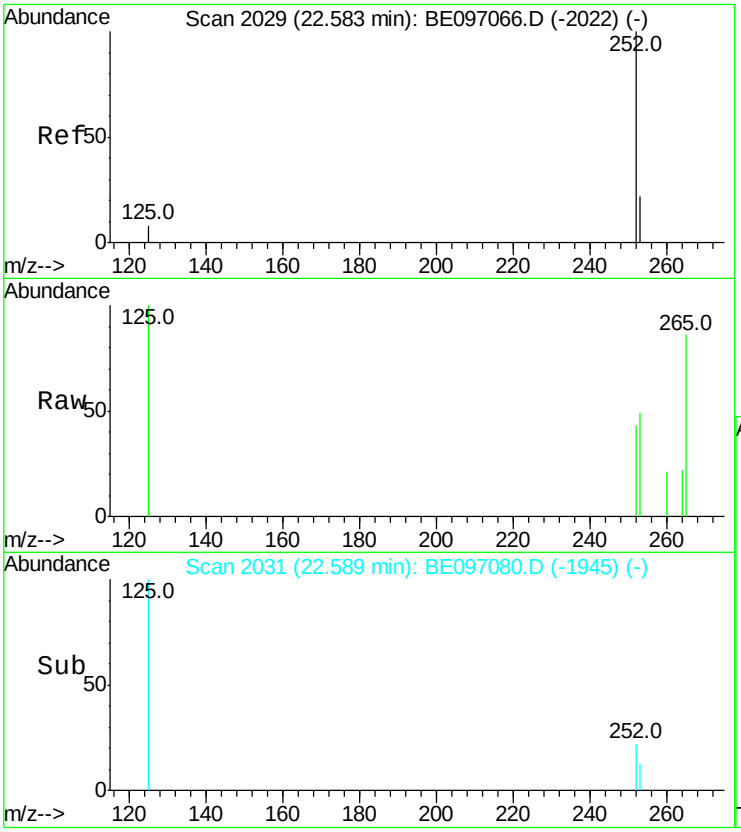


#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:252 Resp: 42

Ion	Ratio	Lower	Upper
252	100		
253	107.3	20.0	30.0#
125	102.1	16.0	24.0#



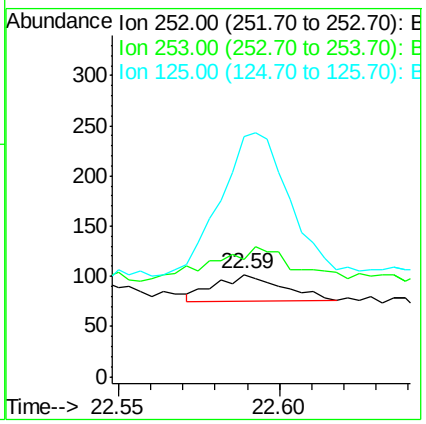


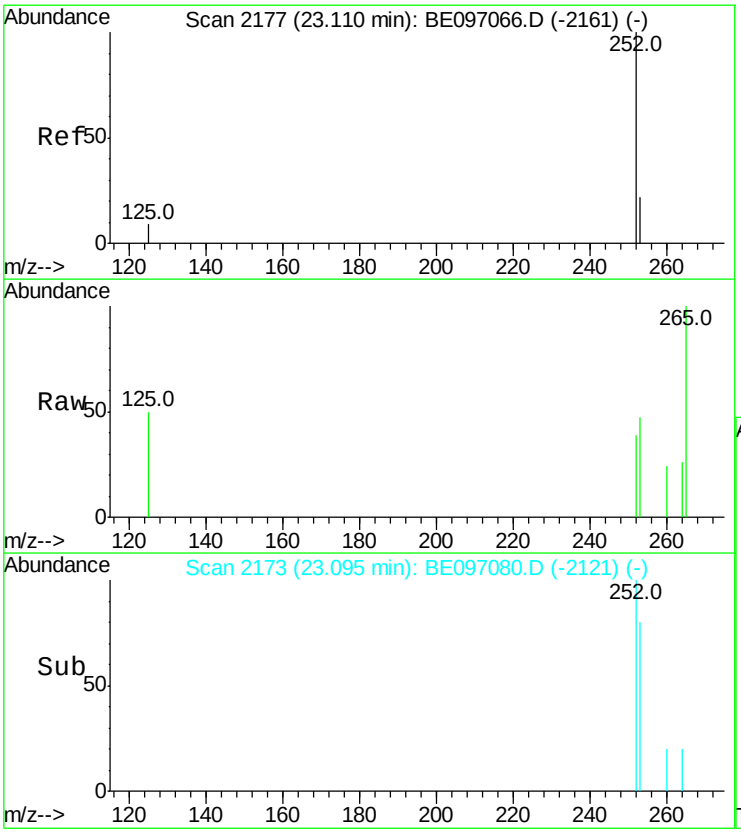
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.59 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:252 Resp: 38

Ion	Ratio	Lower	Upper
252	100		
253	114.7	16.0	24.0#
125	234.3	8.0	12.0#

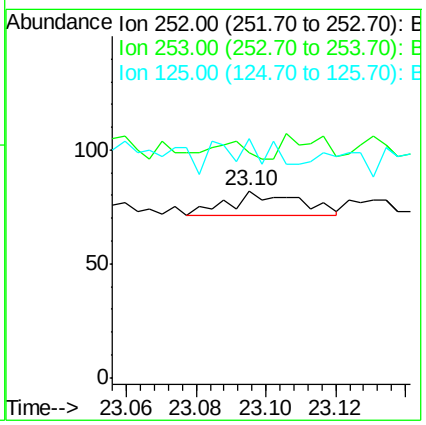


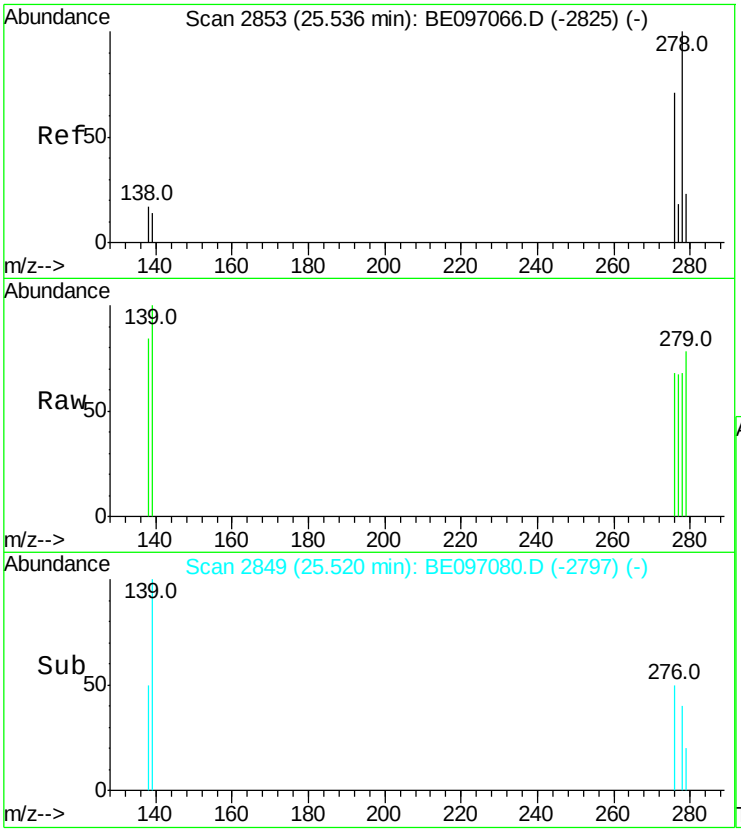


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:252 Resp: 15

Ion	Ratio	Lower	Upper
252	100		
253	120.7	16.0	24.0#
125	128.0	12.0	18.0#



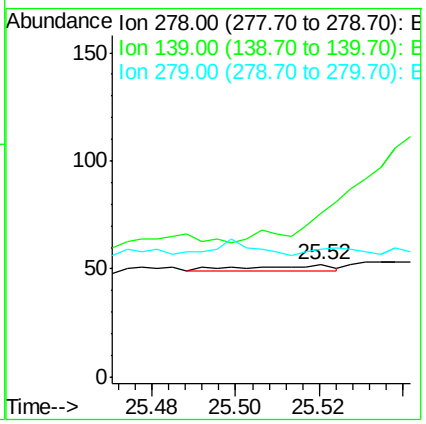


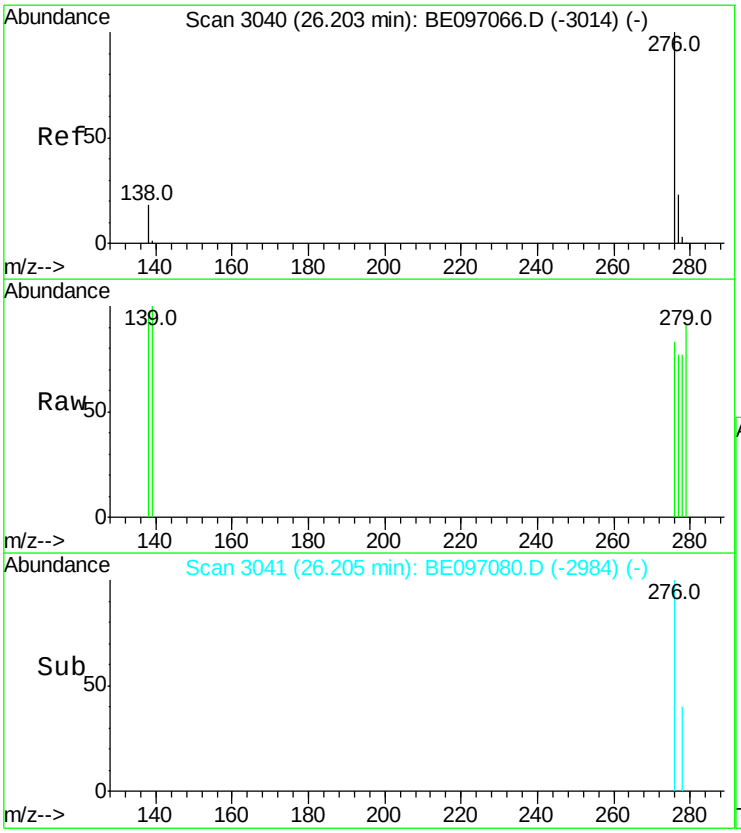
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.52 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	146.2	16.0	24.0#
279	113.5	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: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
277	92.6	16.0	24.0#
138	116.7	20.0	30.0#