Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097079.D
Acq On : 24 Jul 2018 19:42
Operator : SJ/JU
Sample : J4073-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE126D3-071718

Quant Time: Jul 25 00:38:15 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	1329	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	6114	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3635	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	10763	0.40	ng		0.00
27) Chrysene-d12	20.97	240	10784	0.40	ng		-0.01
34) Perylene-d12	23.21	264	10348	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	776	0.21	ng		0.00
5) Phenol-d6	6.59	99	657	0.12	ng		0.00
8) Nitrobenzene-d5	8.53	82	2507	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	4014	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	585	0.49	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	6888	0.55	ng		0.00
25) Fluoranthene-d10	18.81	212	59859	0.56	ng		0.00
29) Terphenyl-d14	19.42	244	12871	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	2230	1.056	ng		90
6) bis(2-Chloroethyl)ether	6.84	93	23	0.005	ng	#	69
9) Naphthalene	10.20	128	878	0.016	ng	#	79
10) Hexachlorobutadiene	10.48	225	5	0.002	ng	#	25
12) 2-Methylnaphthalene	11.81	142	97	0.010	ng	#	74
16) Acenaphthylene	13.74	152	10	0.001	ng	#	1
17) Acenaphthene	14.08	154	30	0.003	ng	#	27
18) Fluorene	15.07	166	73	0.006	ng	#	81
20) 4-Bromophenyl-phenylether	15.97	248	19	0.004	ng	#	46
21) Hexachlorobenzene	16.08	284	20	0.004	ng	#	60
22) Pentachlorophenol	16.46	266	8	0.041	ng		95
23) Phenanthrene	16.81	178	268	0.010	ng	#	90
24) Anthracene	16.90	178	34	0.001	ng	#	1
26) Fluoranthene	18.84	202	79	0.003	ng	#	88
28) Pyrene	19.21	202	84	0.003	ng		95
30) Benzo(a)anthracene	20.97	228	62	0.002	ng	#	12
31) Chrysene	21.02	228	46	0.002	ng	#	3
32) Bis(2-ethylhexyl)phthalate	20.92	149	3535	0.121	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	21	0.001	ng	#	62
35) Benzo(b)fluoranthene	22.54	252	60	0.002	ng	#	1
36) Benzo(k)fluoranthene	22.58	252	57	0.002	ng	#	1
37) Benzo(a)pyrene	23.11	252	9	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	25.53	278	4	0.000	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	4	0.000	ng	#	1

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

Quantitation Report (Not Reviewed)

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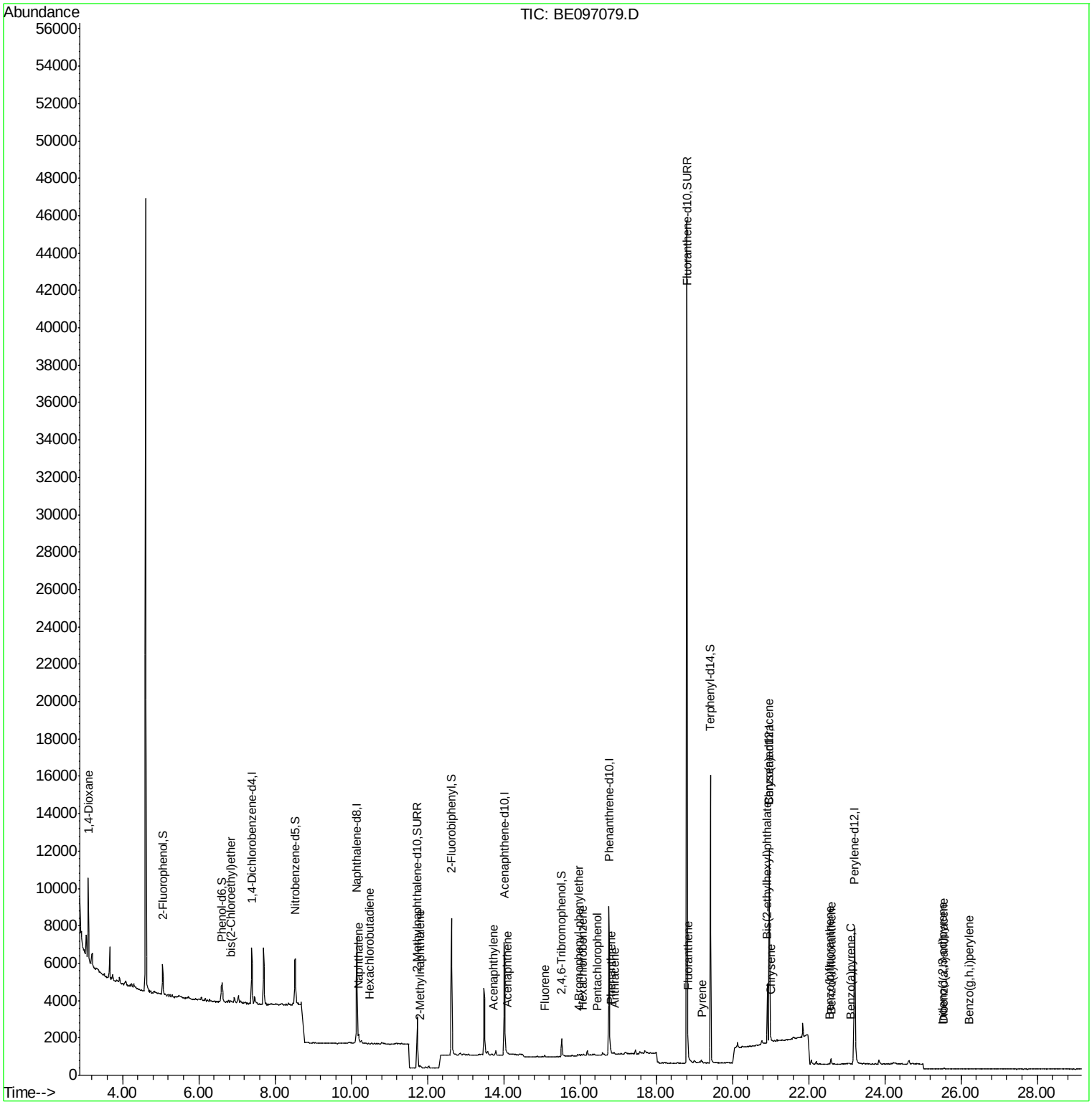
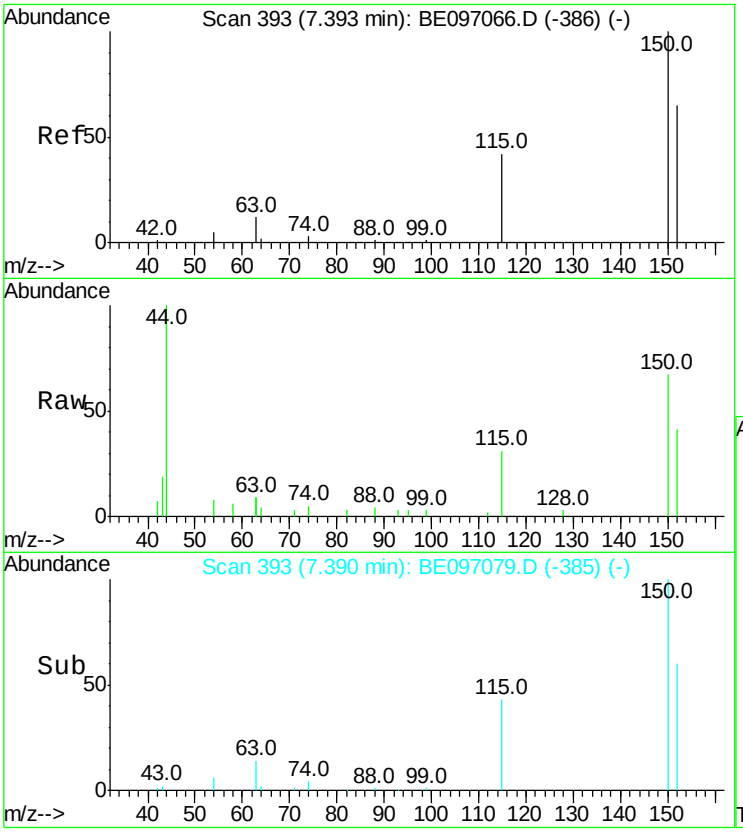
Acq On : 24 Jul 2018 19:42
Operator : SJ/JU
Sample : J4073-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Quant Time: Jul 25 00:38:15 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



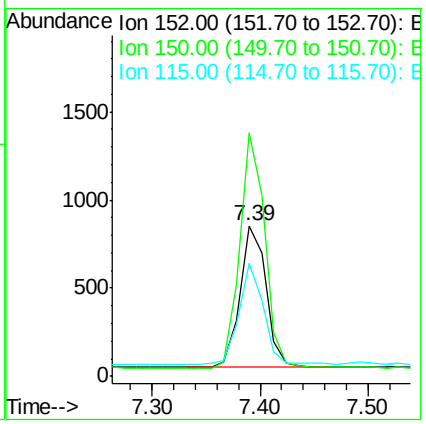


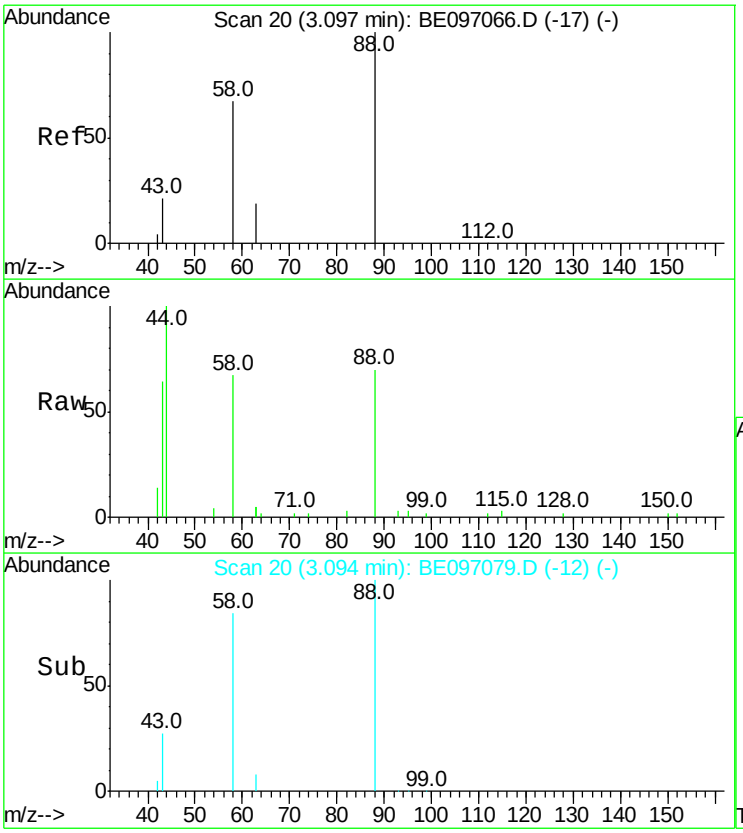
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:152 Resp: 1329

Ion	Ratio	Lower	Upper
152	100		
150	162.1	117.2	175.8
115	75.0	57.0	85.6

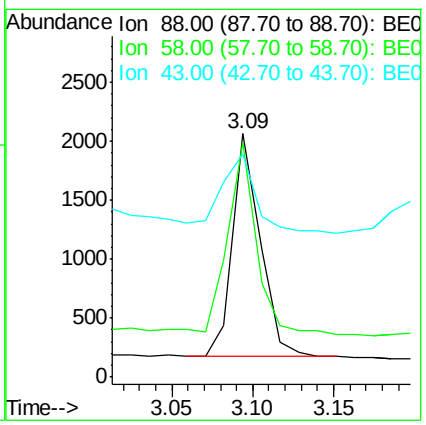


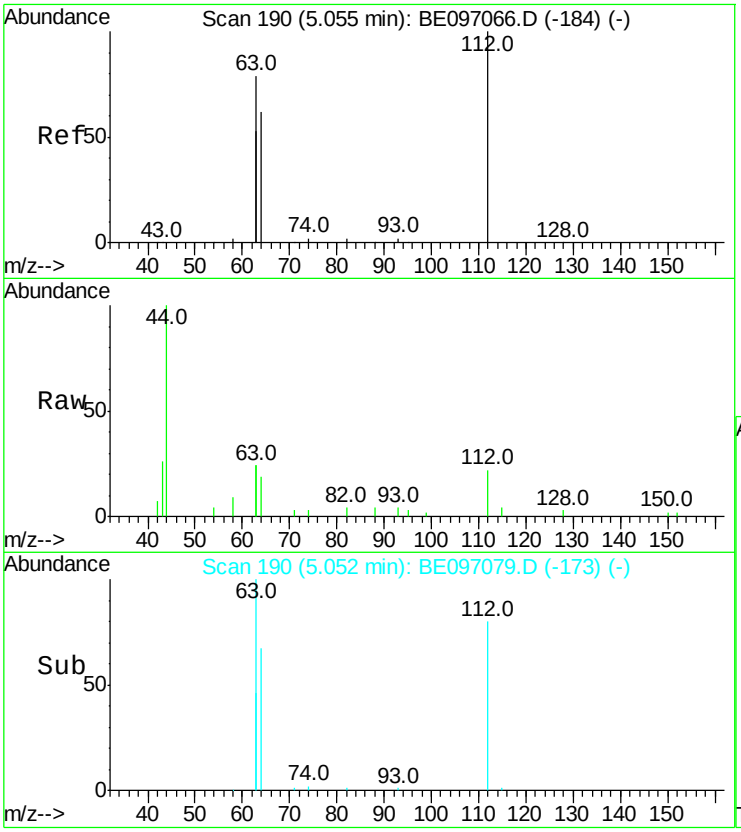


#2
1,4-Dioxane
Concen: 1.056 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion: 88 Resp: 2230

Ion	Ratio	Lower	Upper
88	100		
58	89.6	63.2	94.8
43	46.2	41.2	61.8



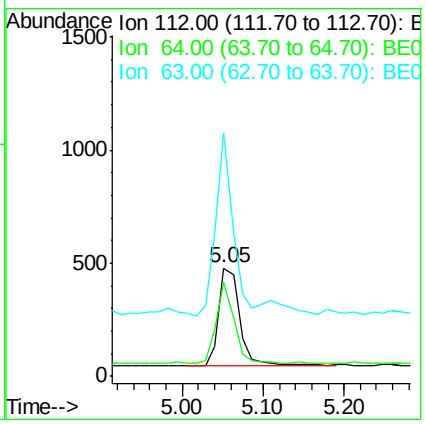


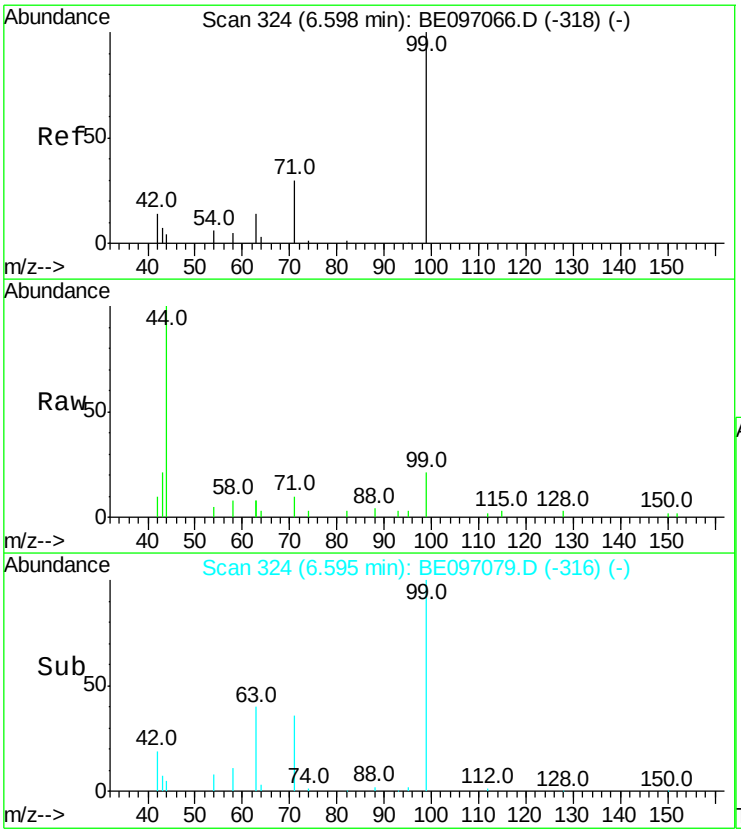
#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:112 Resp: 776

Ion	Ratio	Lower	Upper
112	100		
64	71.5	60.1	90.1
63	157.5	116.8	175.2

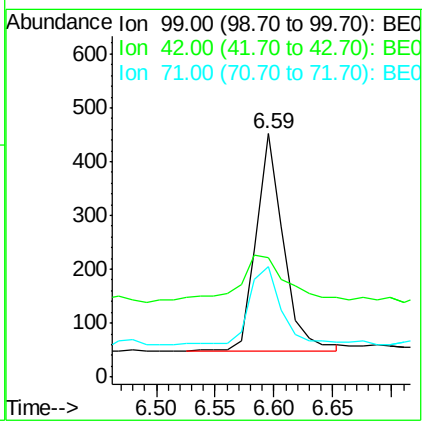


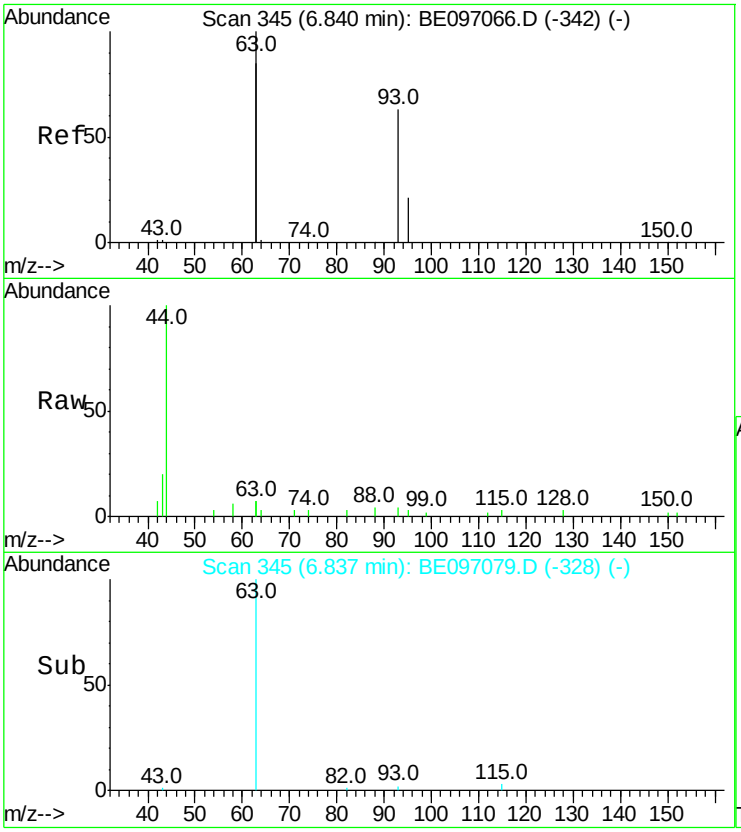


#5
Phenol-d6
Concen: 0.120 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion: 99 Resp: 657

Ion	Ratio	Lower	Upper
99	100		
42	32.6	20.2	30.2#
71	40.6	28.4	42.6



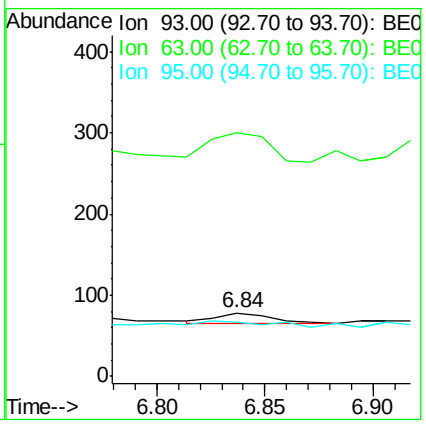


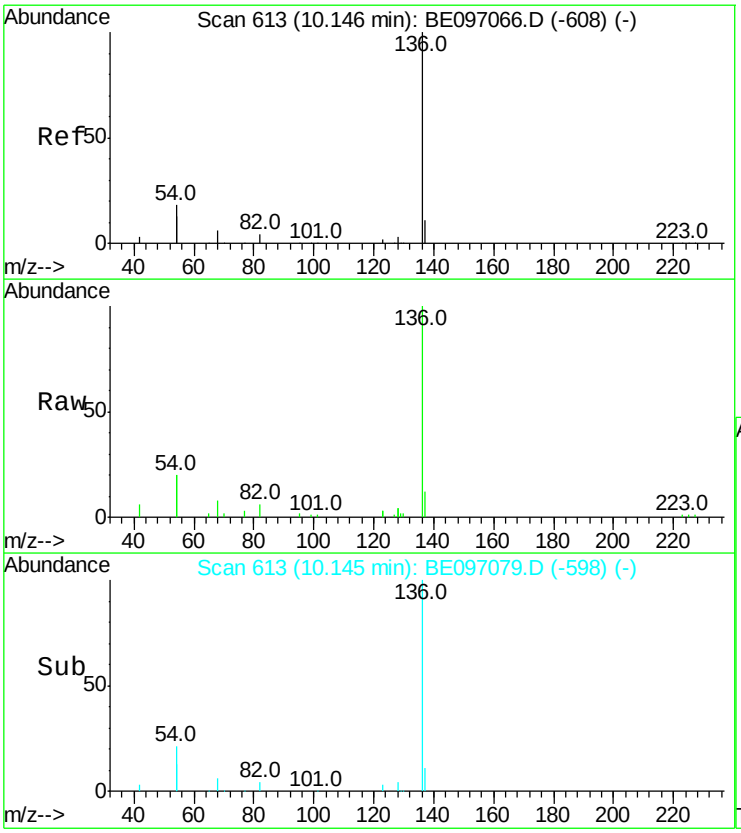
#6
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion: 93 Resp: 23

Ion	Ratio	Lower	Upper
93	100		
63	295.7	275.3	412.9
95	100.0	25.2	37.8#

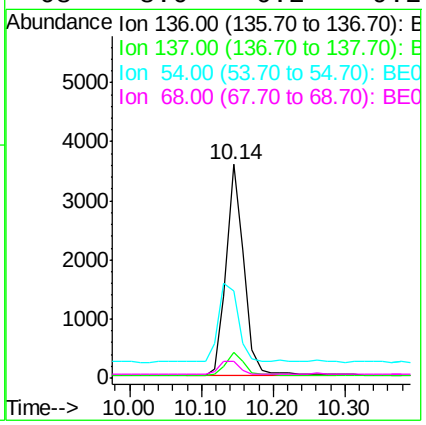


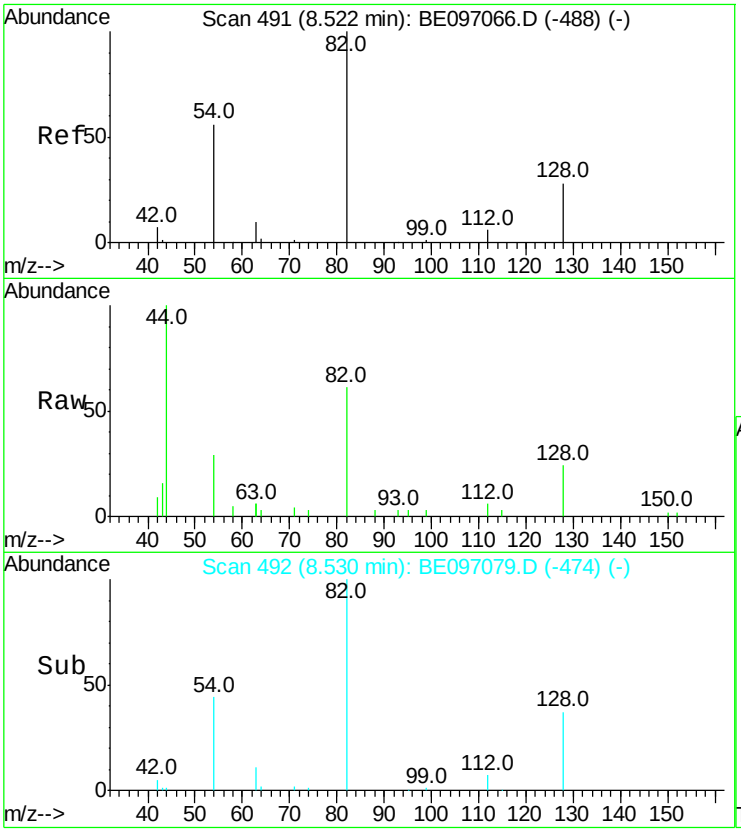


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:136 Resp: 6114

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	41.0	29.1	43.7
68	8.0	6.2	9.2



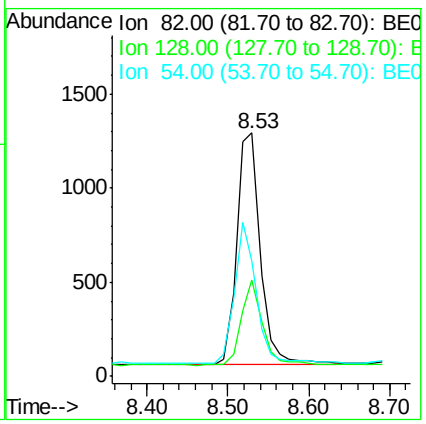


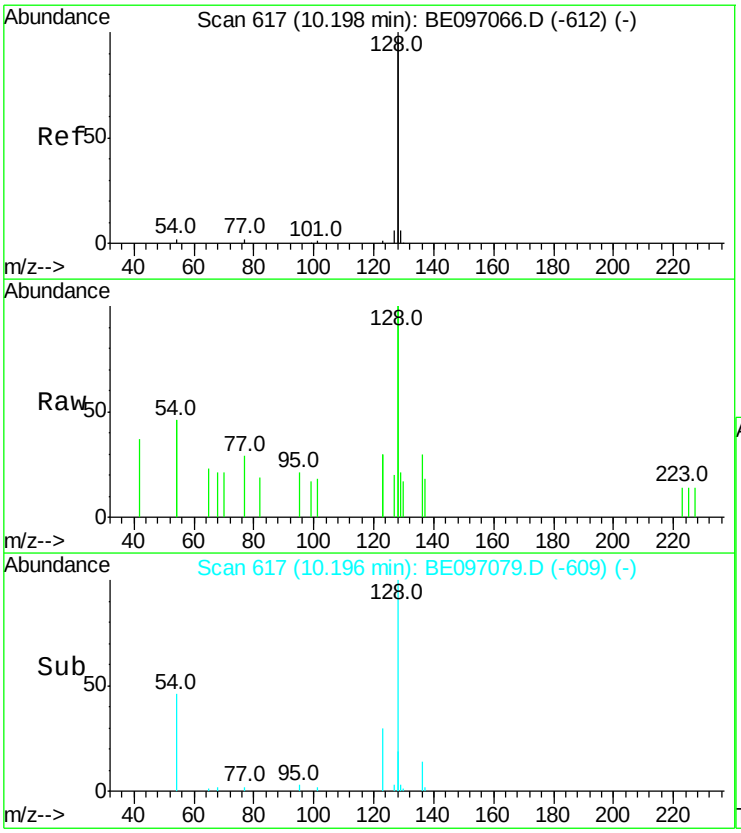
#8
Nitrobenzene-d5
Concen: 0.472 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion: 82 Resp: 2507

Ion	Ratio	Lower	Upper
82	100		
128	39.8	24.0	36.0#
54	47.6	40.0	60.0

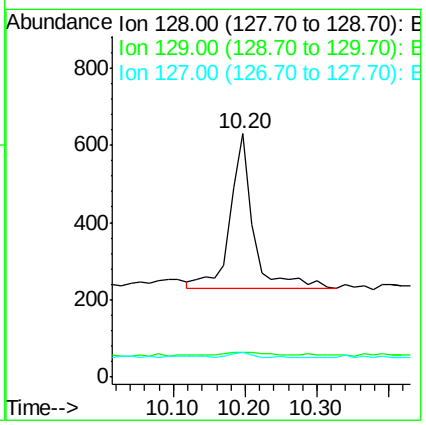


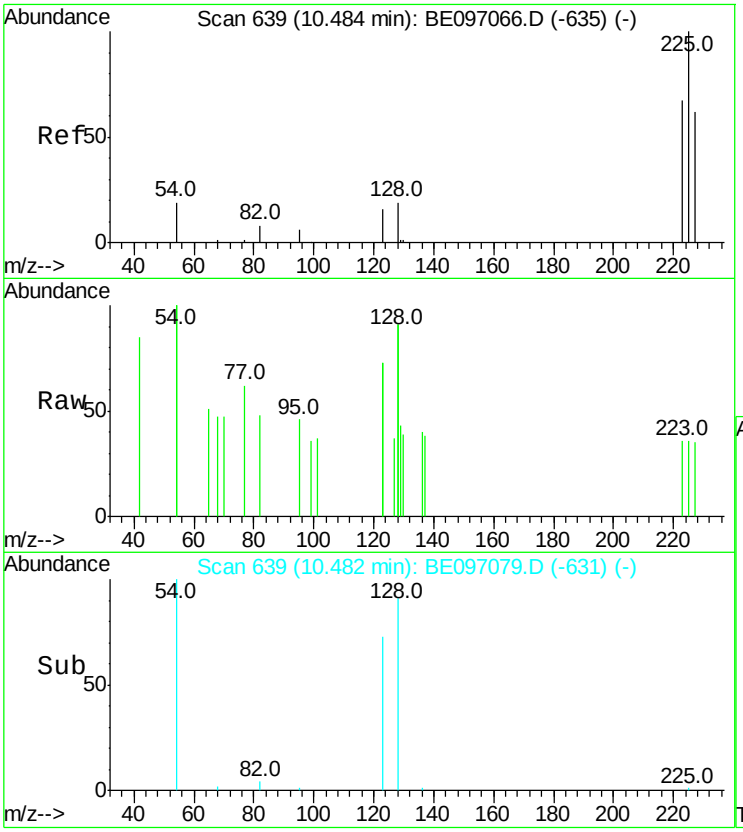


#9
Naphthalene
Concen: 0.016 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:128 Resp: 878

Ion	Ratio	Lower	Upper
128	100		
129	10.3	2.6	3.8#
127	10.0	2.8	4.2#



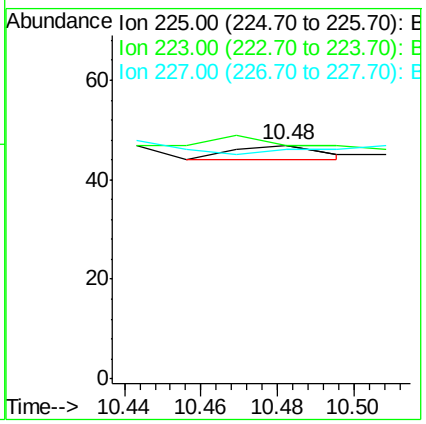


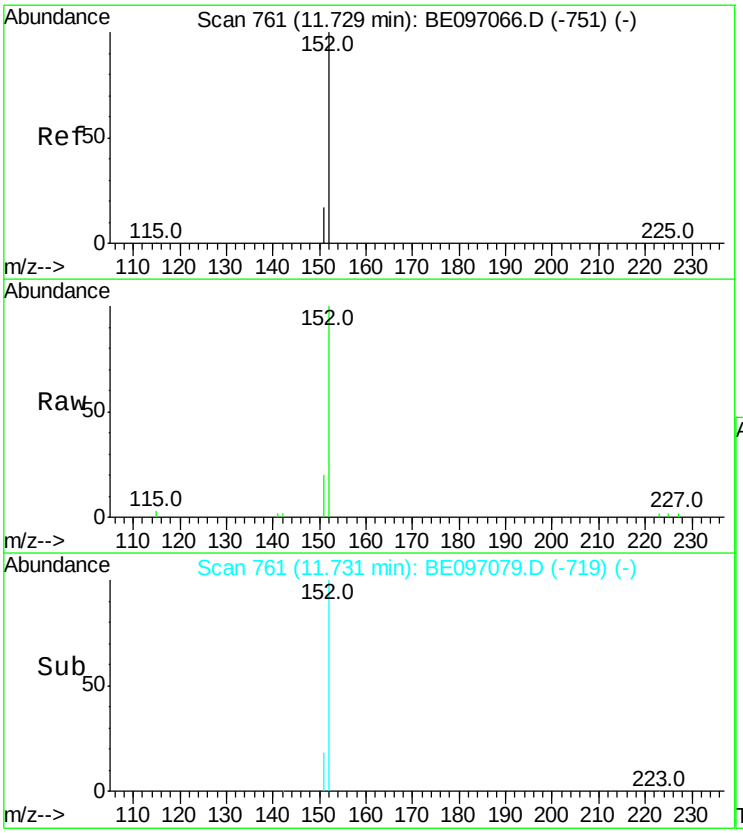
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument : BNA_E
ClientSampleId : RE126D3-071718

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	120.0	53.0	79.6#
227	0.0	51.4	77.2#

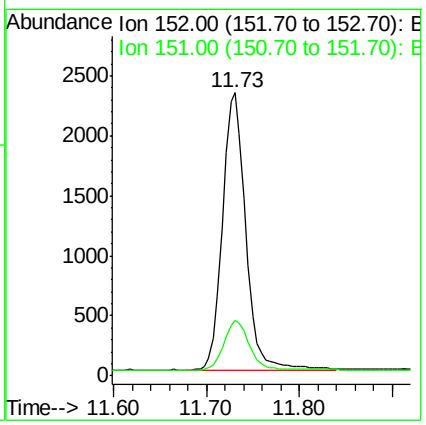


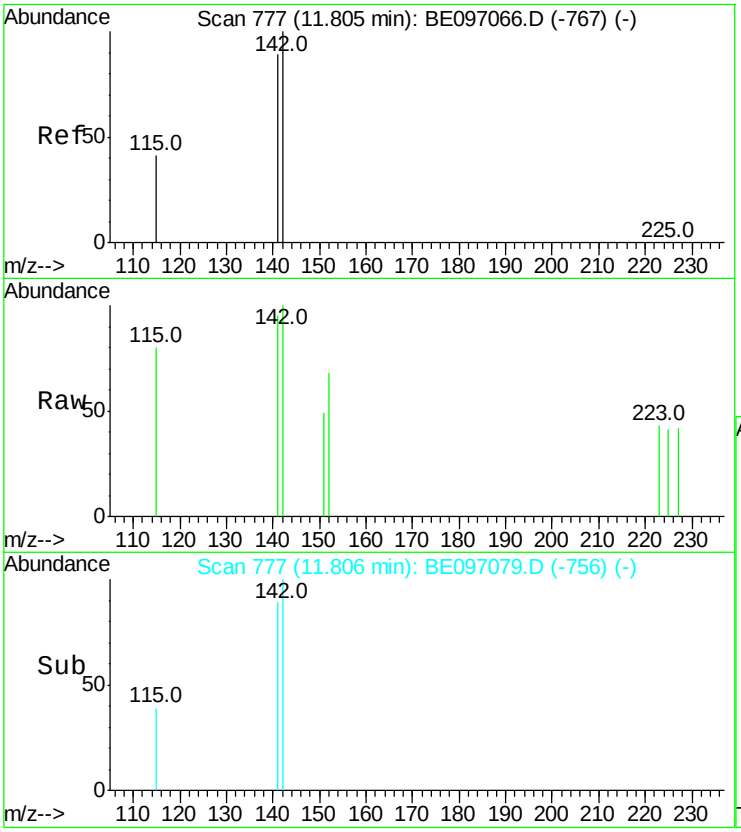


#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:152 Resp: 4014

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0



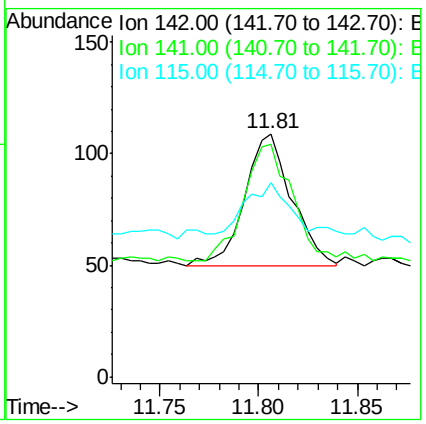


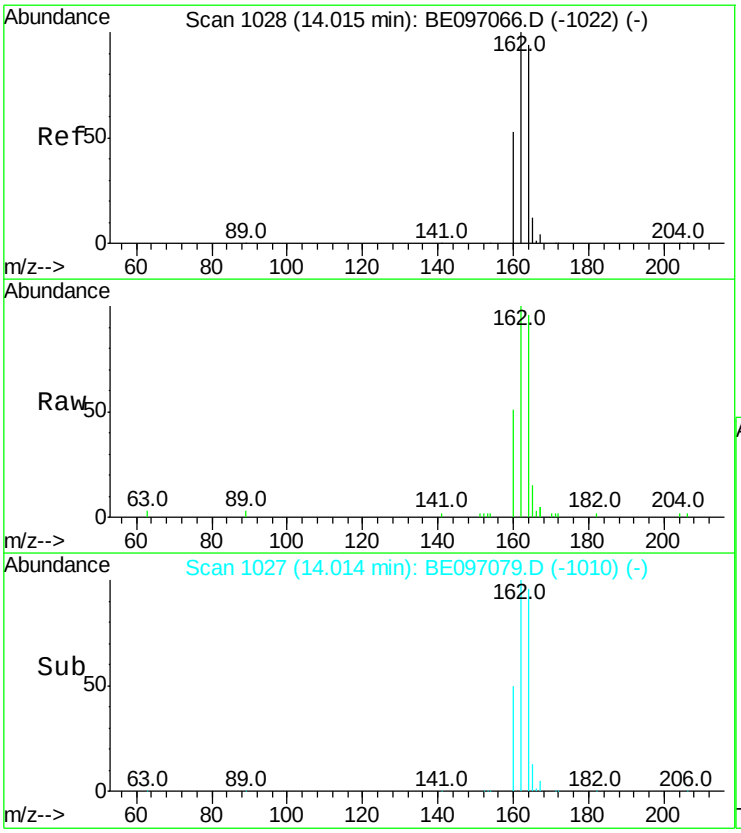
#12
2-Methylnaphthalene
Concen: 0.010 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:142 Resp: 97

Ion	Ratio	Lower	Upper
142	100		
141	95.4	70.4	105.6
115	79.8	31.7	47.5#

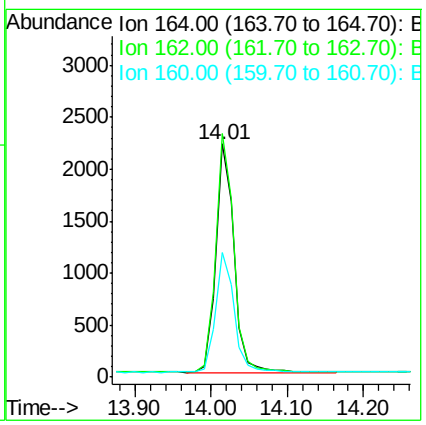


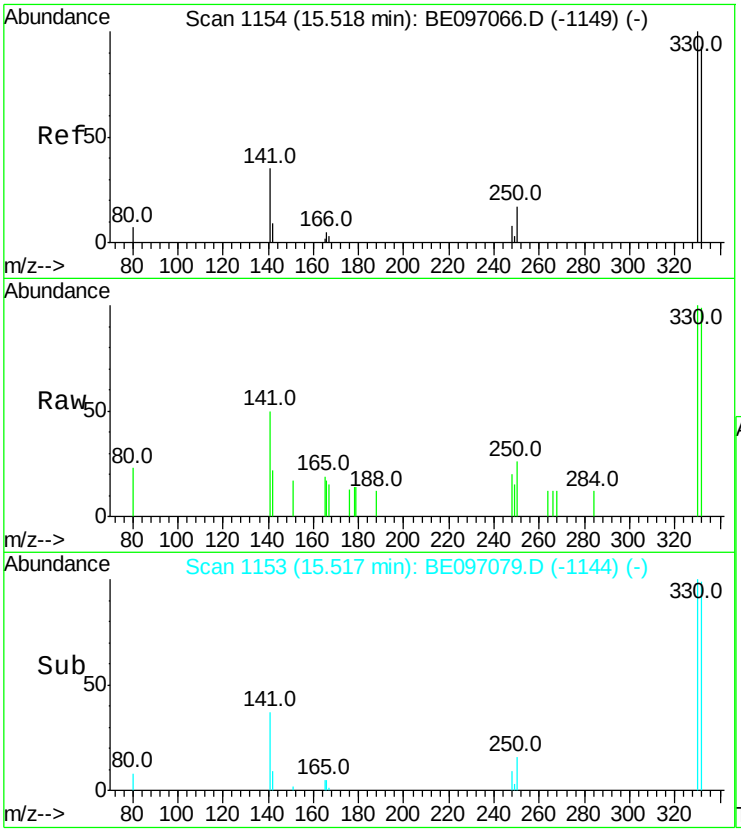


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:164 Resp: 3635

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.1	124.7
160	53.5	37.1	55.7



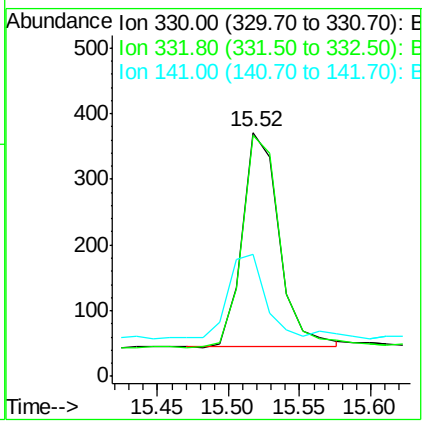


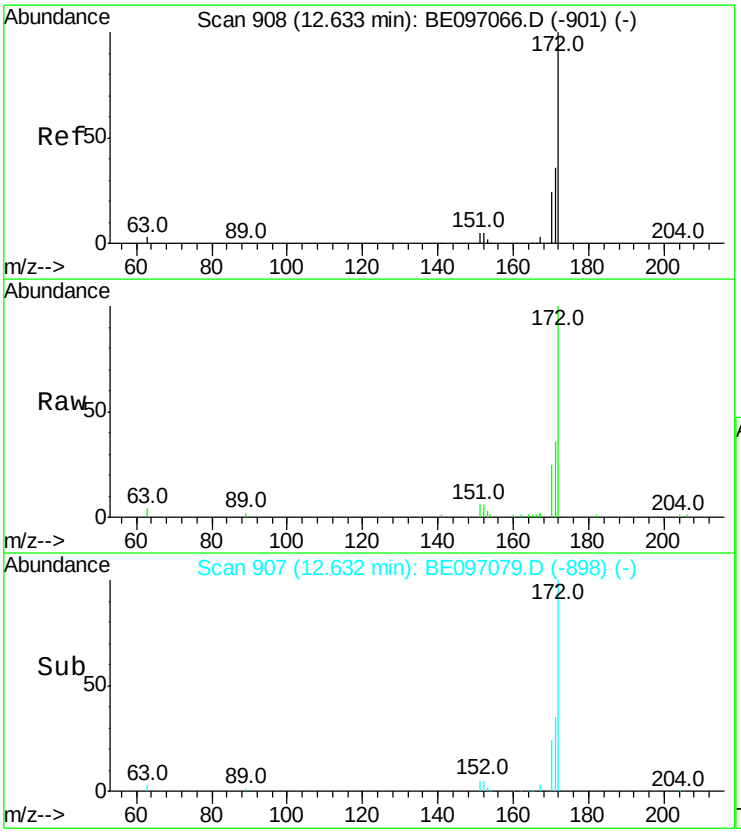
#14
2,4,6-Tribromophenol
Concen: 0.489 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:330 Resp: 585

Ion	Ratio	Lower	Upper
330	100		
332	101.9	152.7	229.1#
141	40.3	33.7	50.5

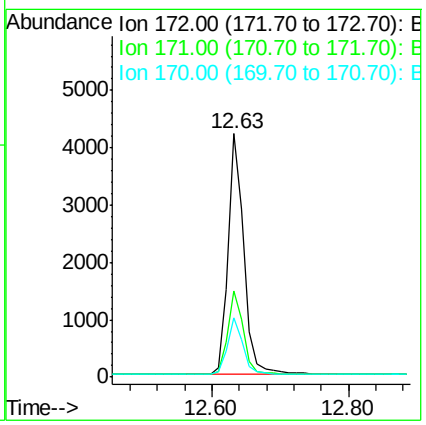


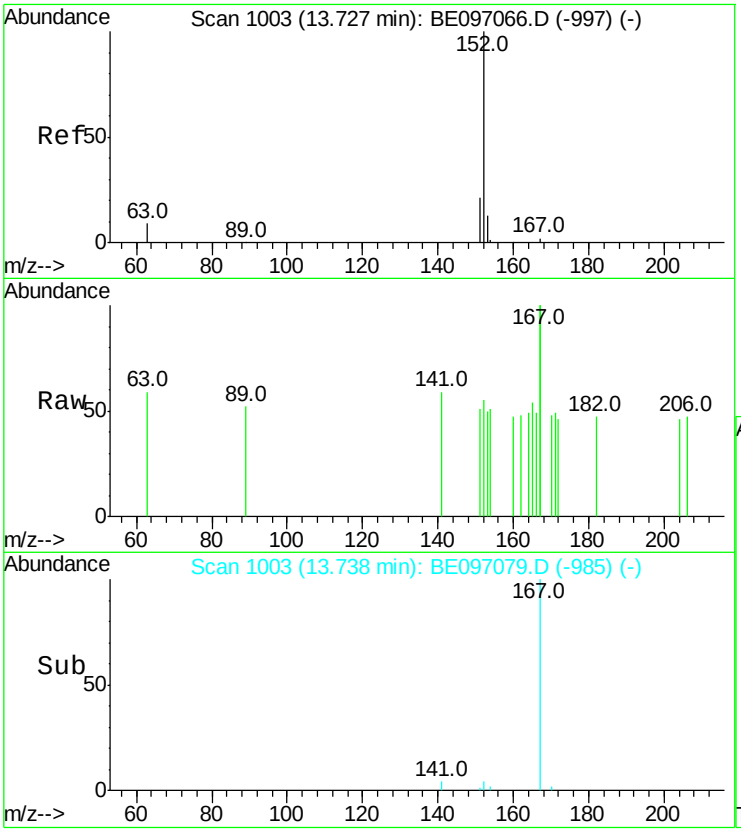


#15
2-Fluorobiphenyl
Concen: 0.549 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:172 Resp: 6888

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	24.6	21.8	32.8



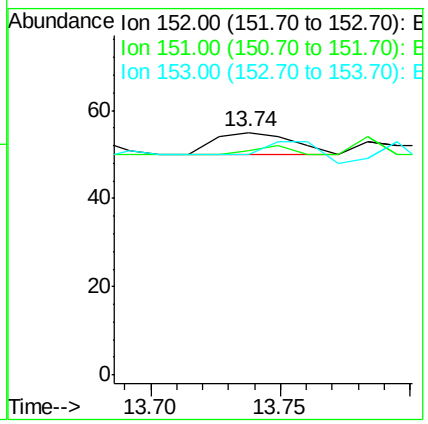


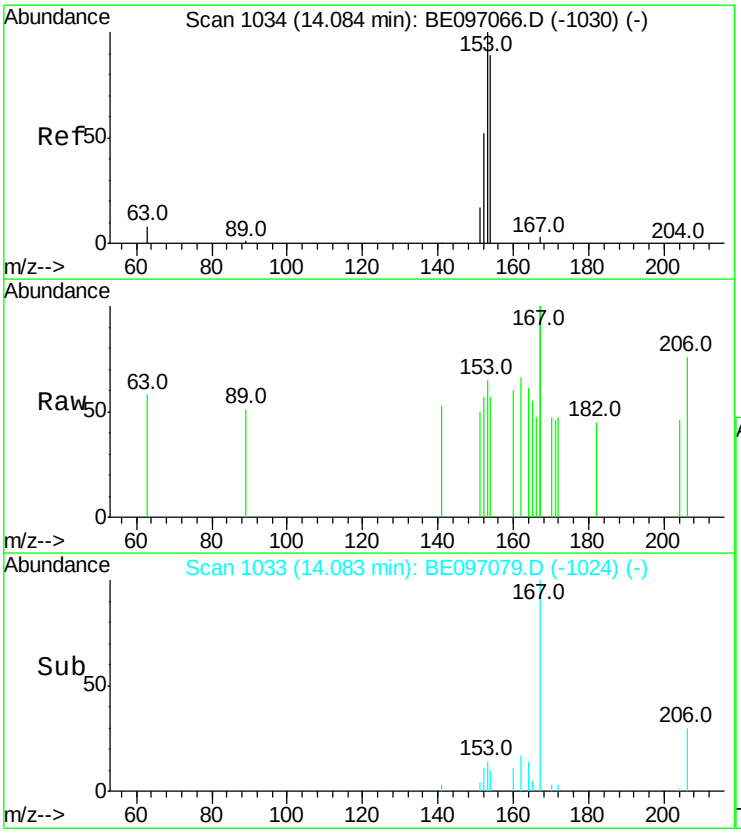
#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:152 Resp: 10

Ion	Ratio	Lower	Upper
152	100		
151	60.0	15.7	23.5#
153	80.0	10.5	15.7#

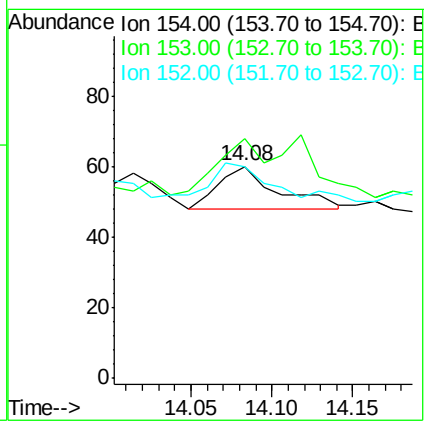


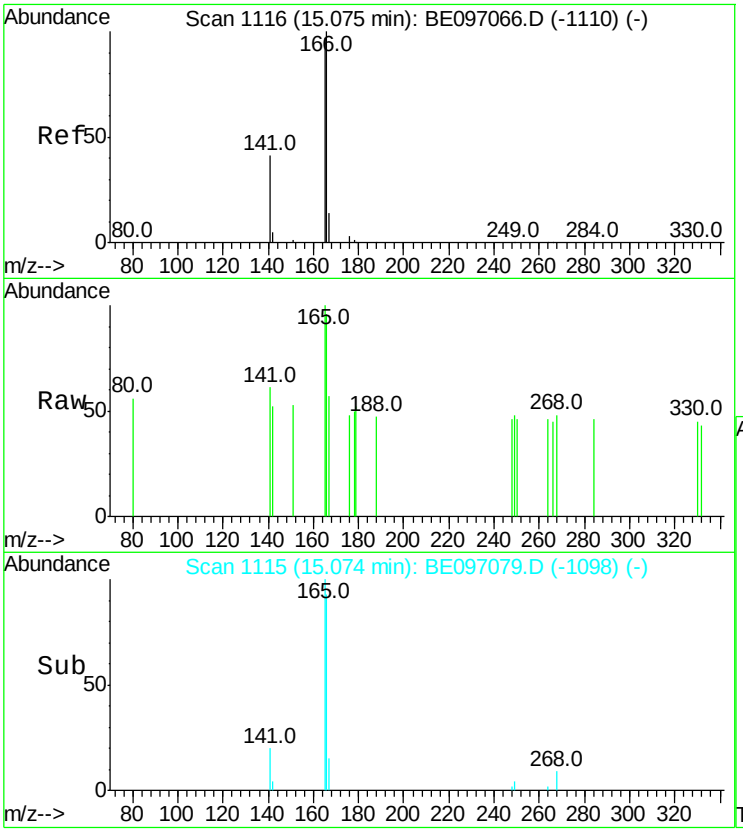


#17
Acenaphthene
Concen: 0.003 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:154 Resp: 30

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	56.7	42.0	63.0



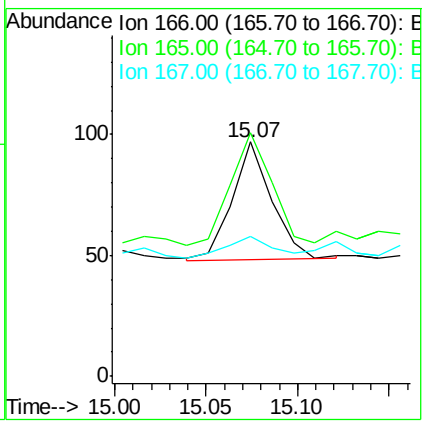


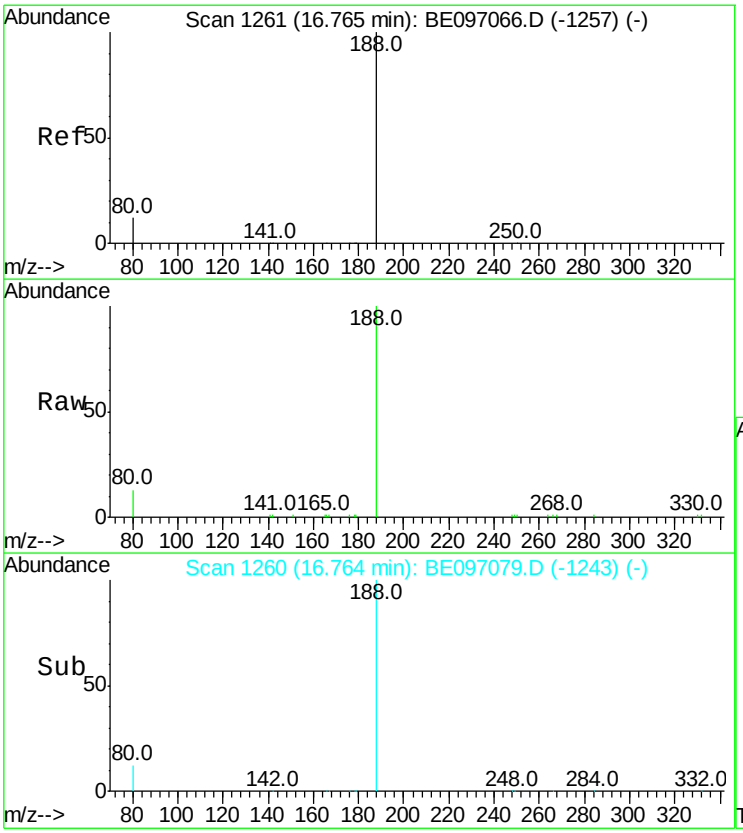
#18
Fluorene
Concen: 0.006 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:166 Resp: 73

Ion	Ratio	Lower	Upper
166	100		
165	101.4	77.8	116.6
167	20.5	42.4	63.6#

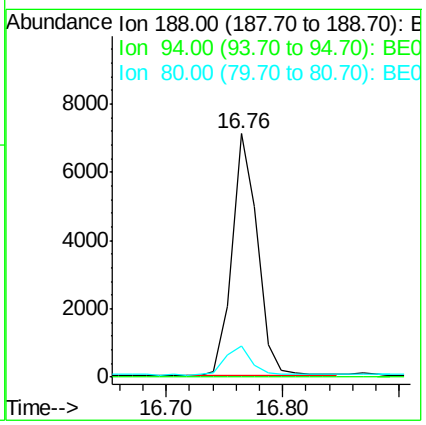


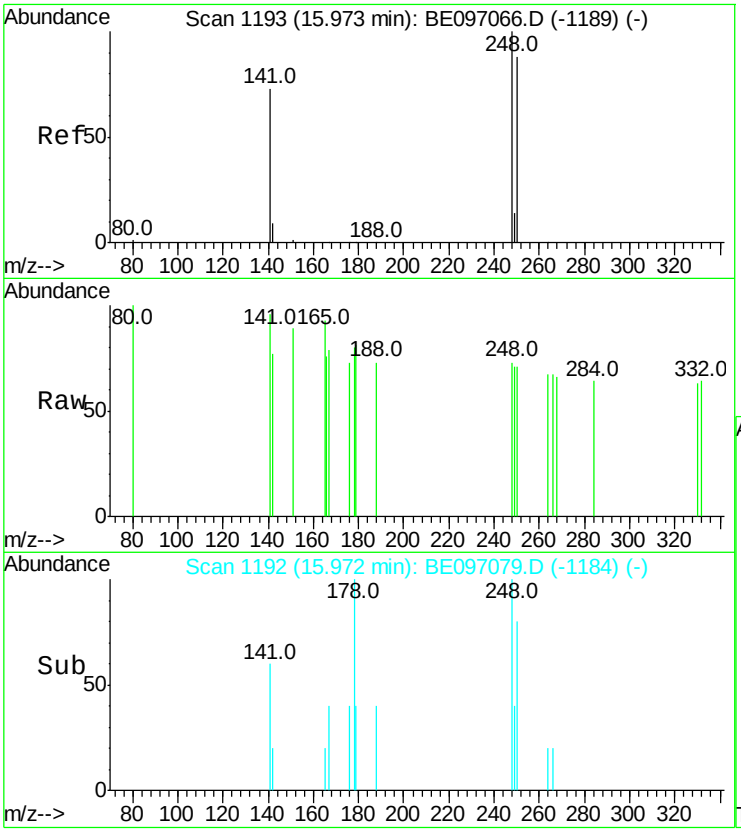


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:188 Resp: 10763

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.7	3.6	5.4#



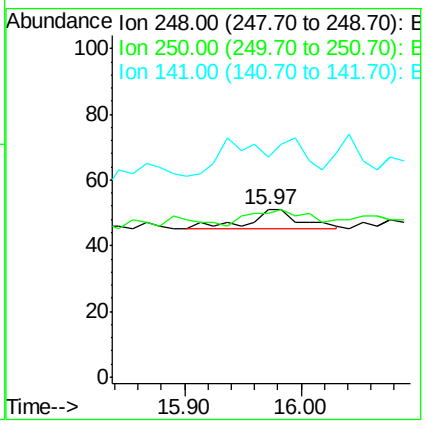


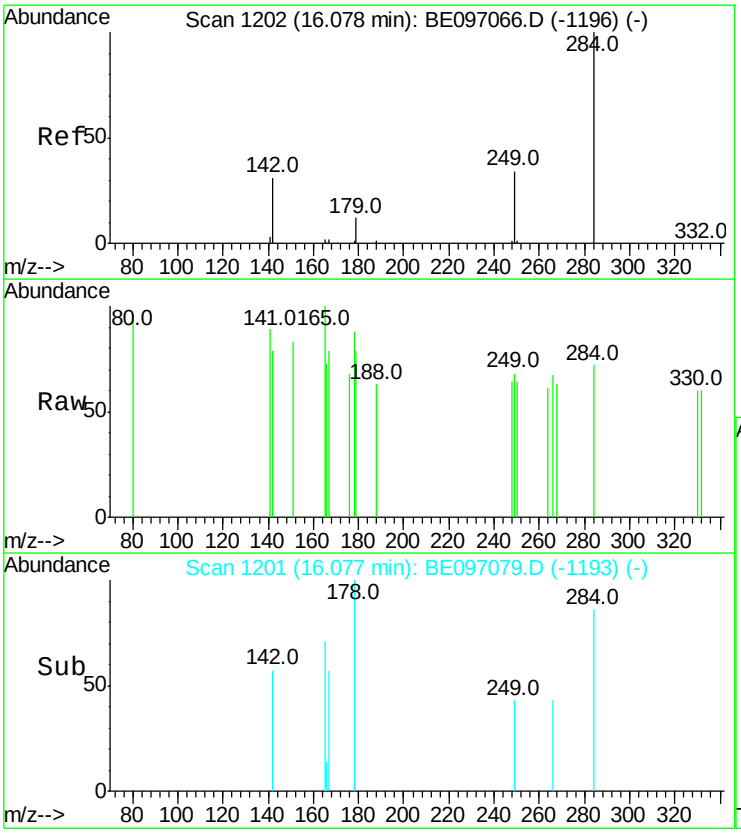
#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 15.97 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:248 Resp: 19

Ion	Ratio	Lower	Upper
248	100		
250	98.0	62.7	94.1#
141	131.4	48.2	72.2#

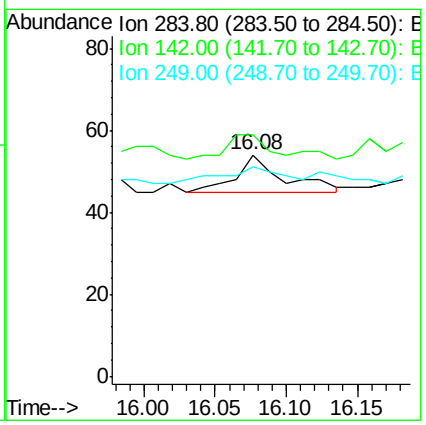


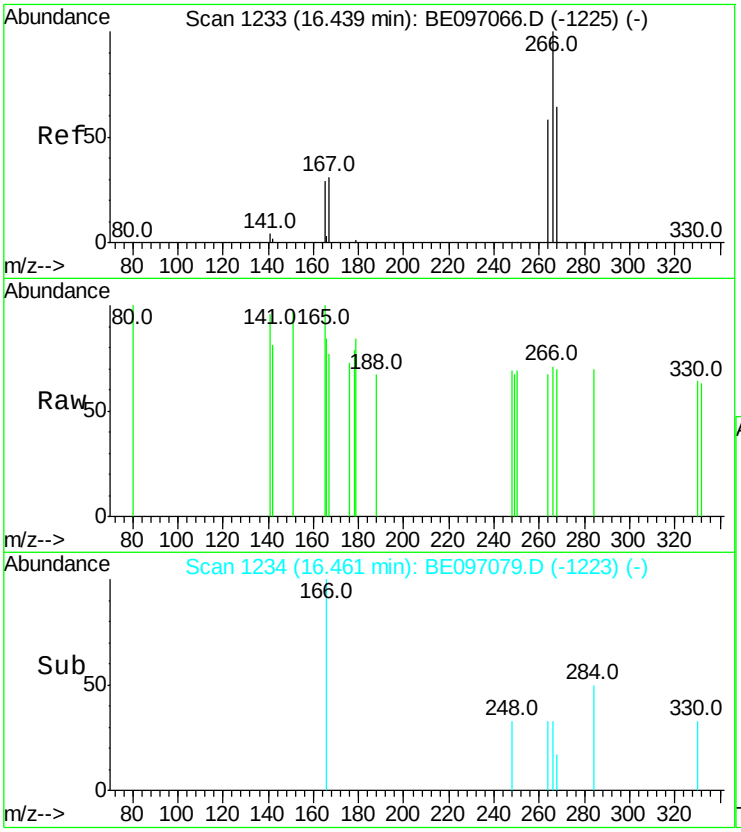


#21
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:284 Resp: 20

Ion	Ratio	Lower	Upper
284	100		
142	60.0	22.1	33.1#
249	60.0	34.8	52.2#



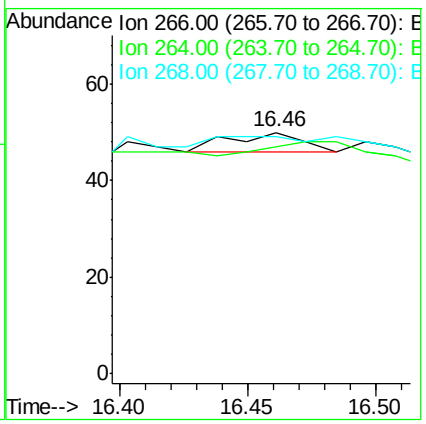


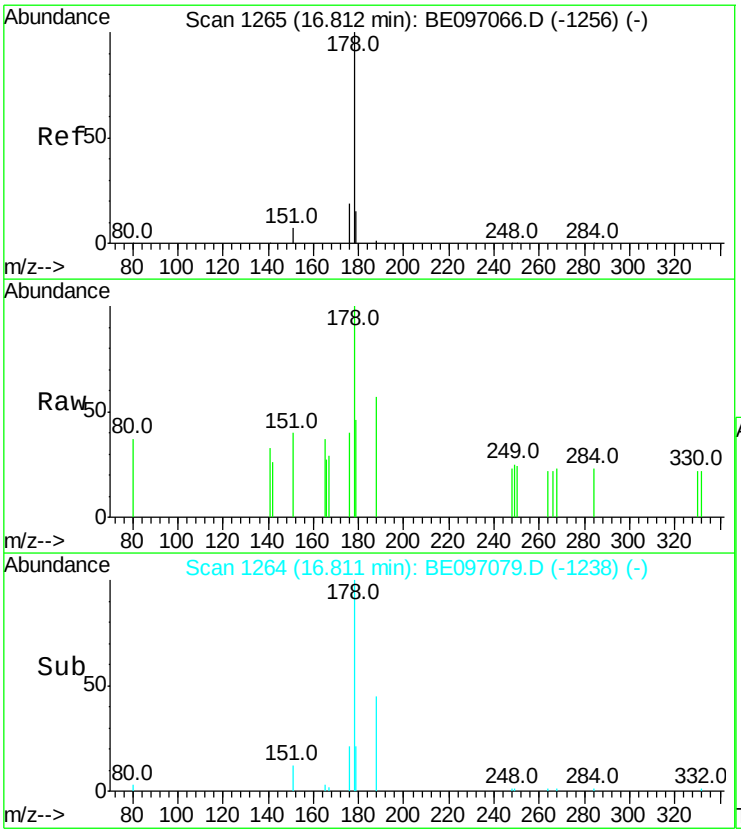
#22
Pentachlorophenol
Concen: 0.041 ng
RT: 16.46 min Scan# 1234
Delta R.T. 0.02 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	94.0	72.5	108.7
268	98.0	73.8	110.6

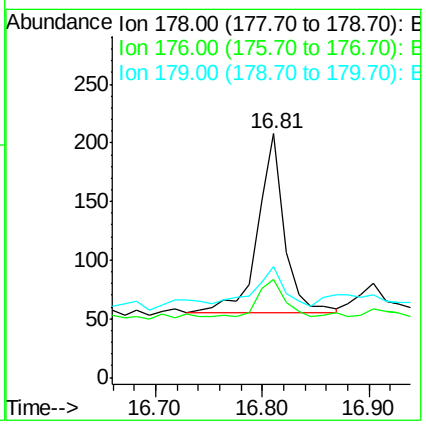


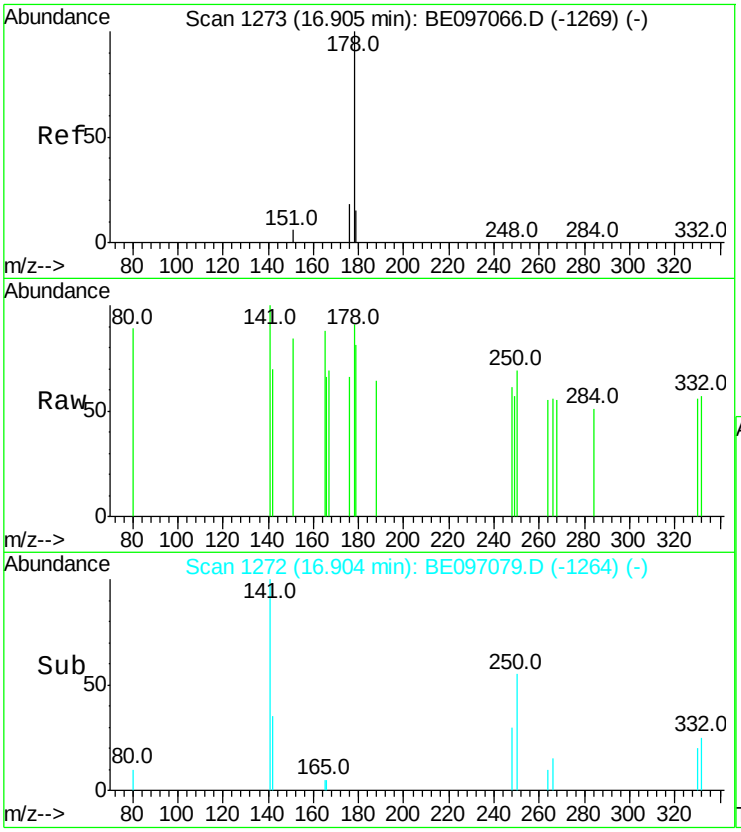


#23
Phenanthrene
Concen: 0.010 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:178 Resp: 268

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	23.1	11.8	17.6#



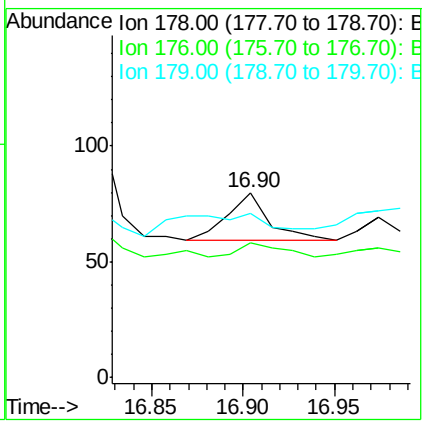


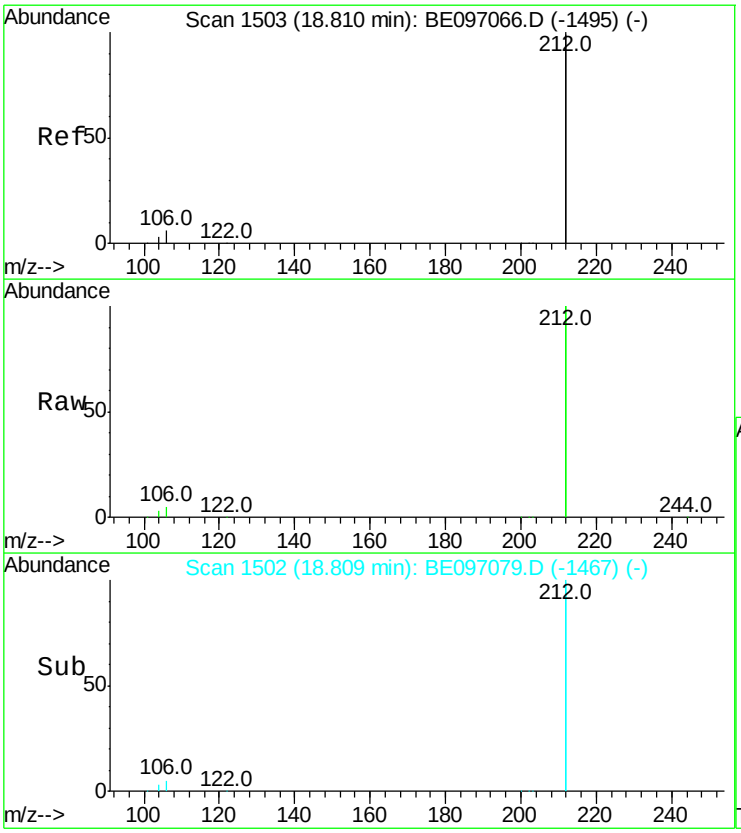
#24
Anthracene
Concen: 0.001 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:178 Resp: 34

Ion	Ratio	Lower	Upper
178	100		
176	29.4	12.8	19.2#
179	100.0	13.0	19.6#

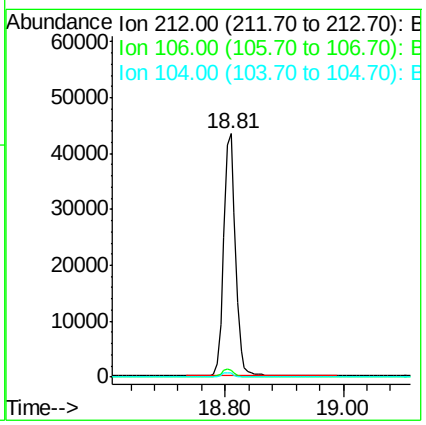


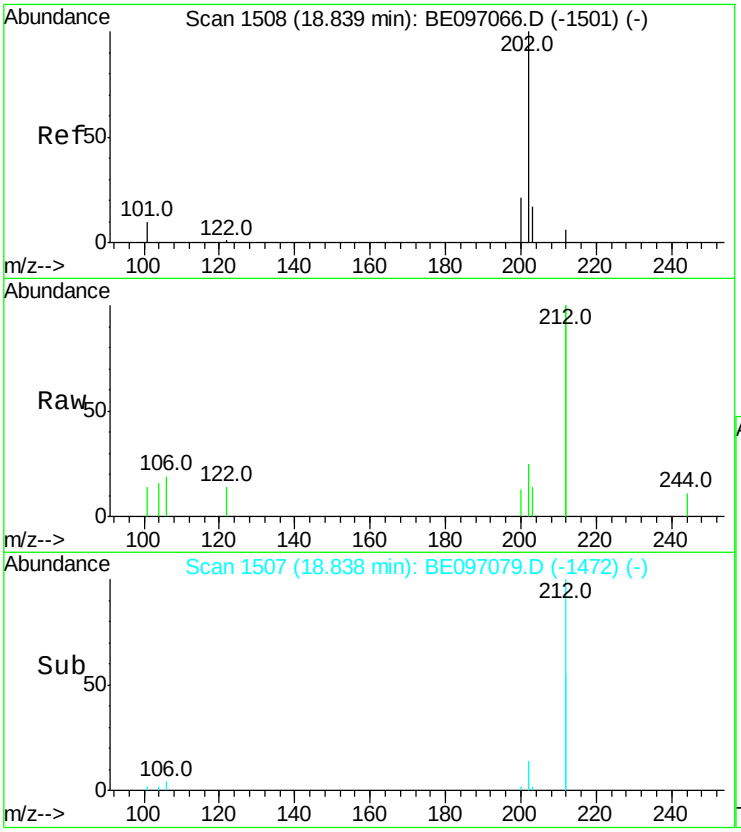


#25
Fluoranthene-d10
Concen: 0.556 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:212 Resp: 59859

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



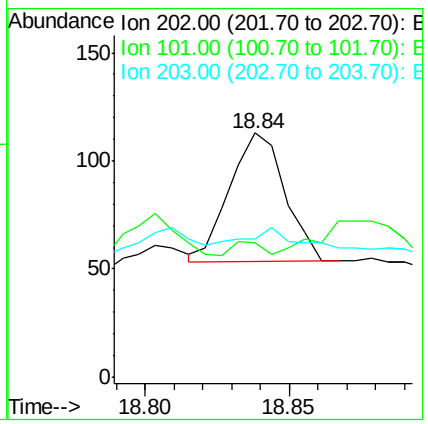


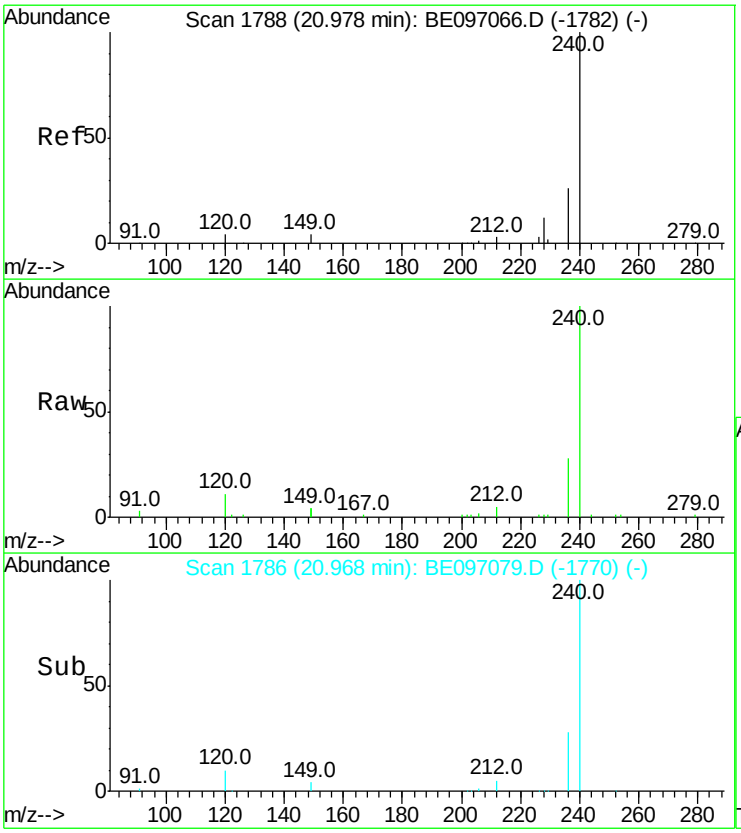
#26
Fluoranthene
Concen: 0.003 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:202 Resp: 79

Ion	Ratio	Lower	Upper
202	100		
101	6.3	9.8	14.8#
203	21.5	13.7	20.5#

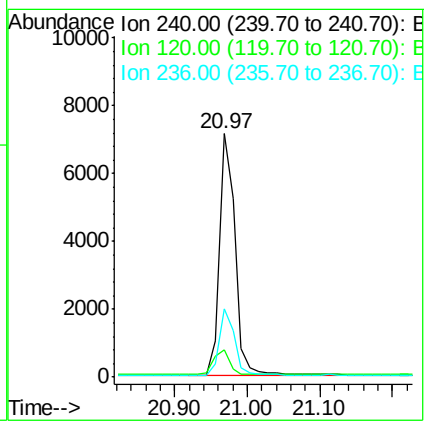


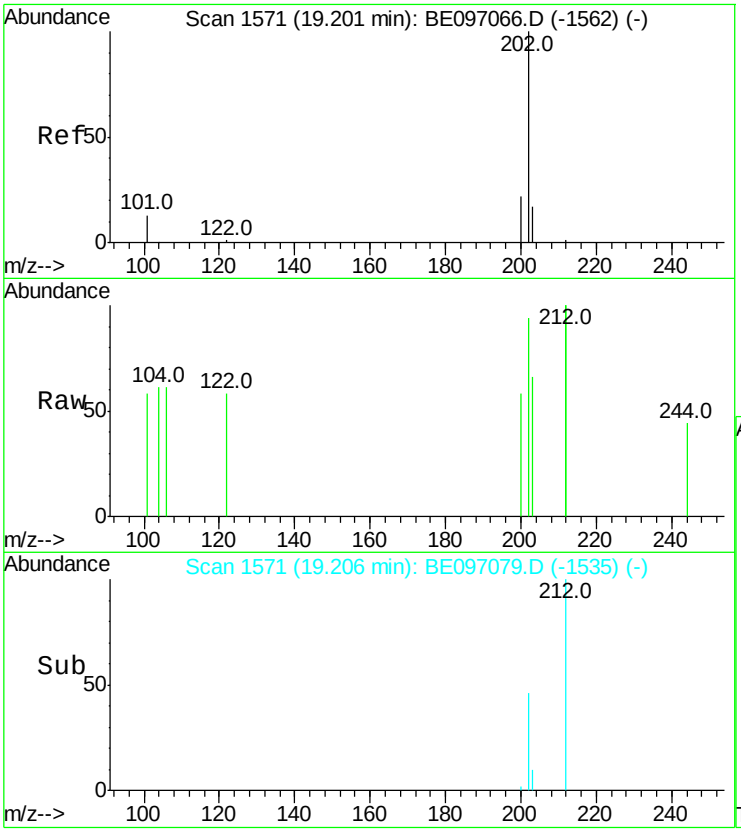


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:240 Resp: 10784

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.5	8.3#
236	28.1	20.7	31.1



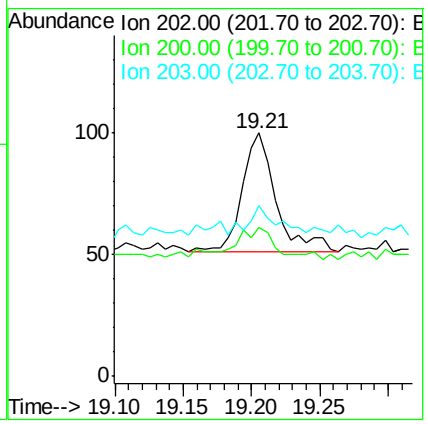


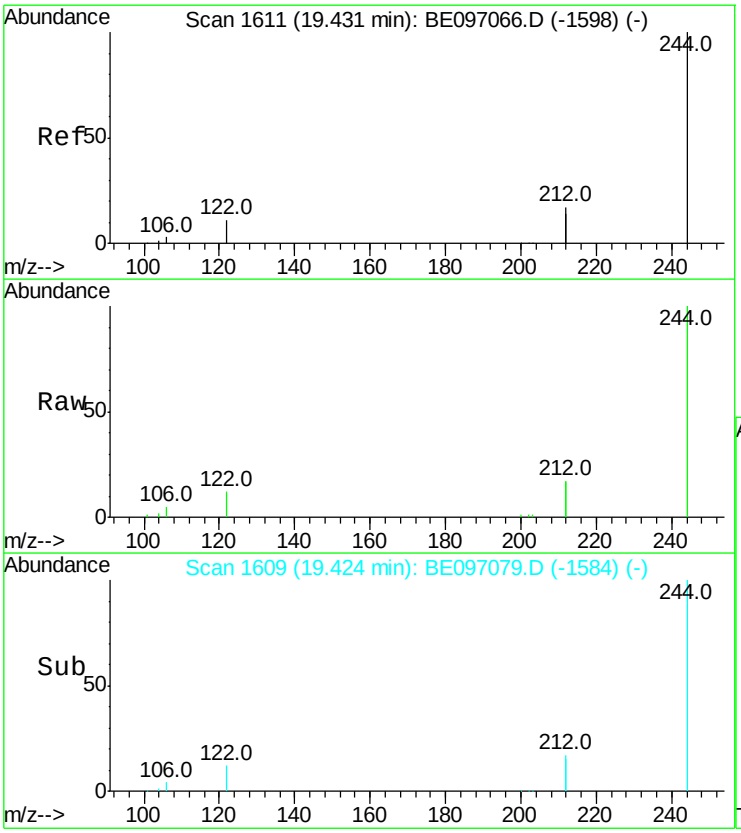
#28
Pyrene
Concen: 0.003 ng
RT: 19.21 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:202 Resp: 84

Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.6	25.0
203	20.2	13.8	20.8

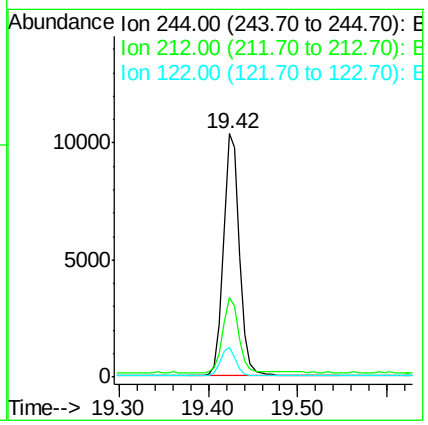


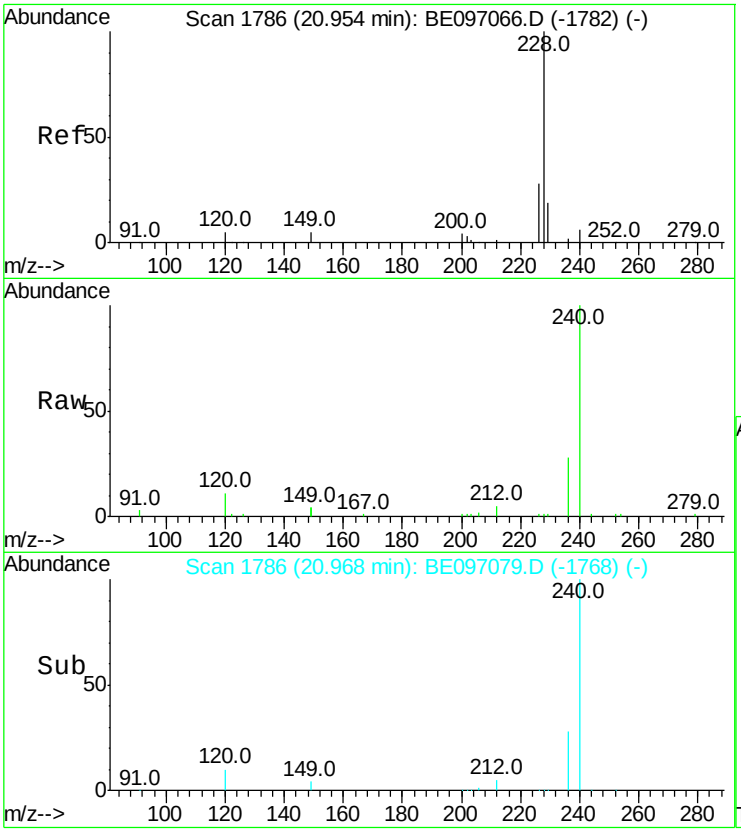


#29
Terphenyl-d14
Concen: 0.621 ng
RT: 19.42 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:244 Resp: 12871

Ion	Ratio	Lower	Upper
244	100		
212	33.0	25.4	38.0
122	12.4	8.1	12.1#



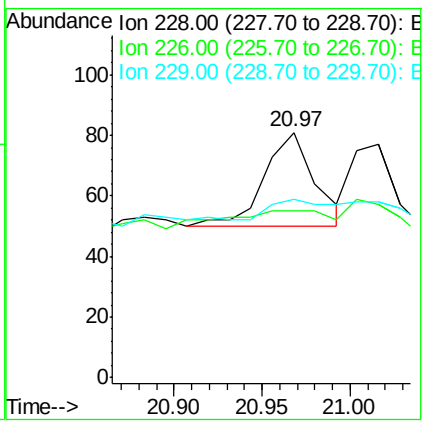


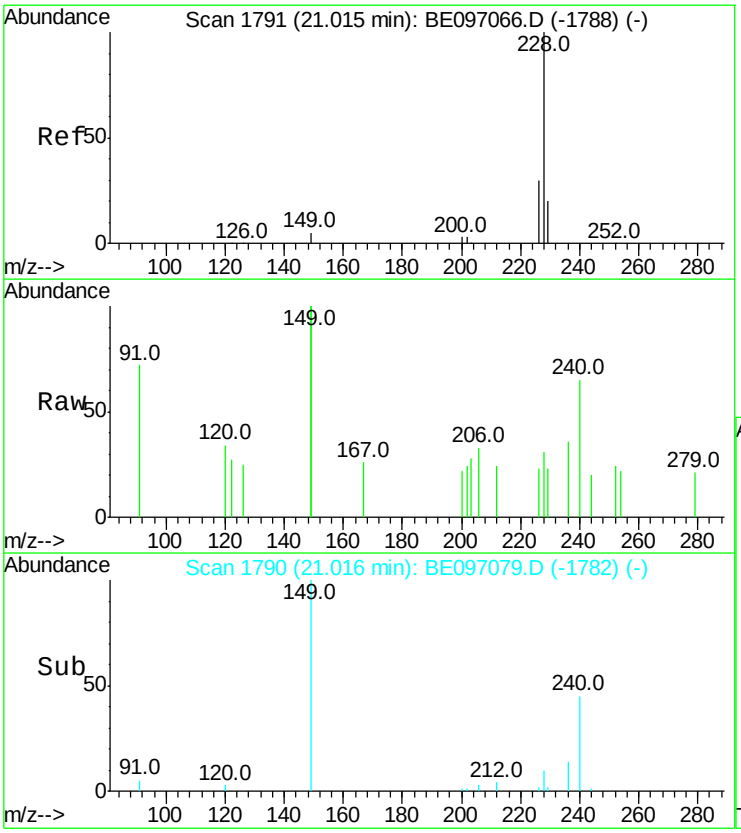
#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:228 Resp: 62

Ion	Ratio	Lower	Upper
228	100		
226	67.9	24.0	36.0#
229	72.8	16.0	24.0#

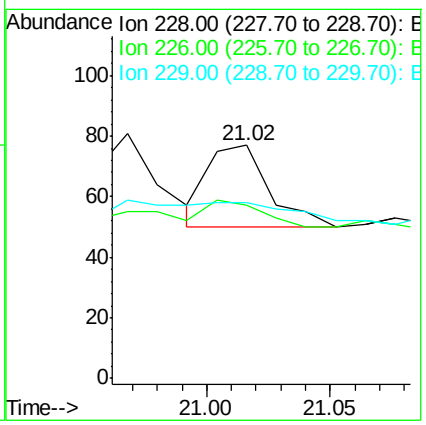


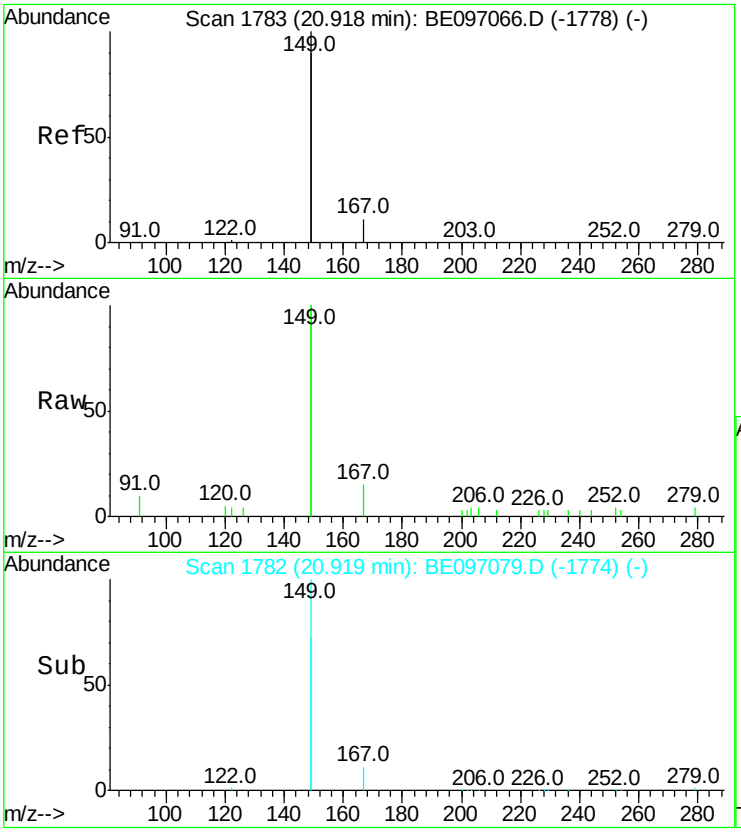


#31
Chrysene
Concen: 0.002 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:228 Resp: 46

Ion	Ratio	Lower	Upper
228	100		
226	74.0	24.0	36.0#
229	75.3	16.0	24.0#



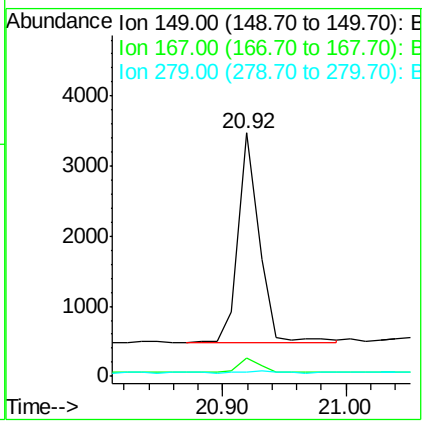


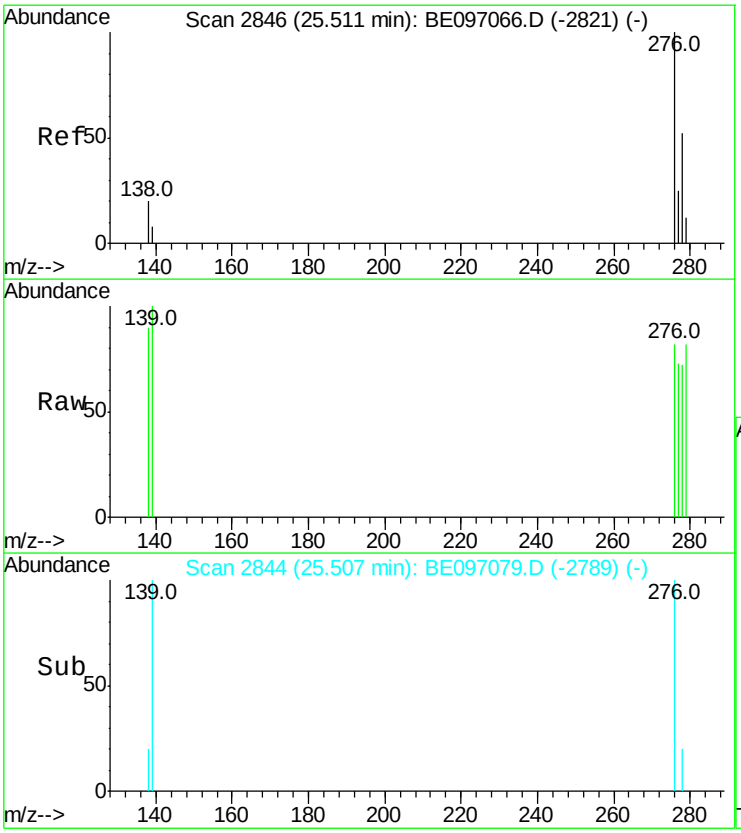
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:149 Resp: 3535

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.1	0.7	1.1#

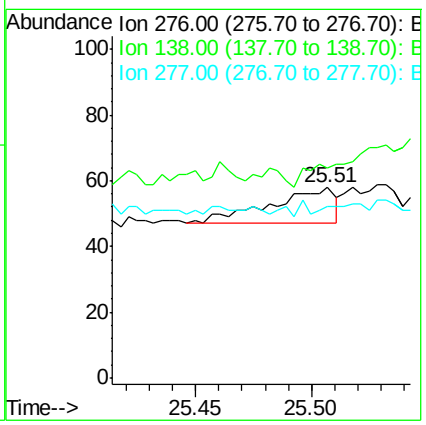


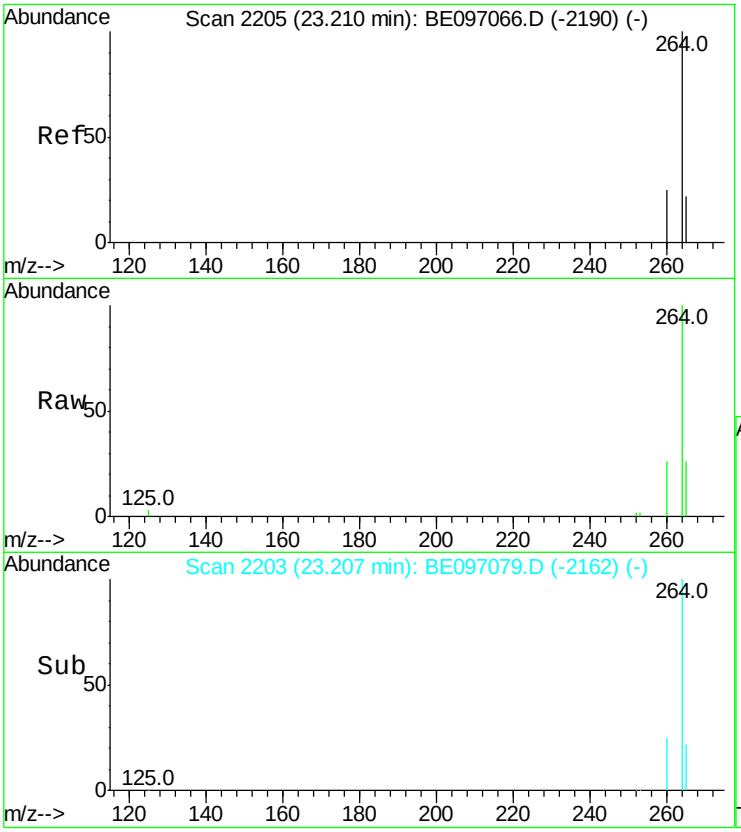


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.51 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:276 Resp: 21

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	14.3	19.9	29.9#



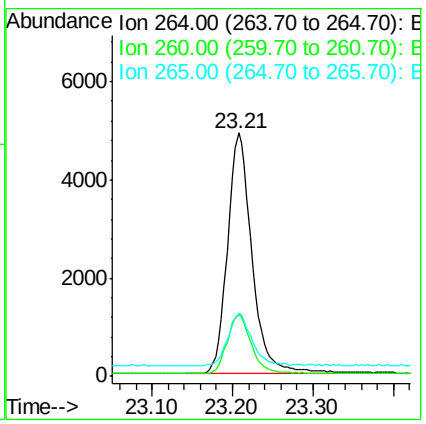


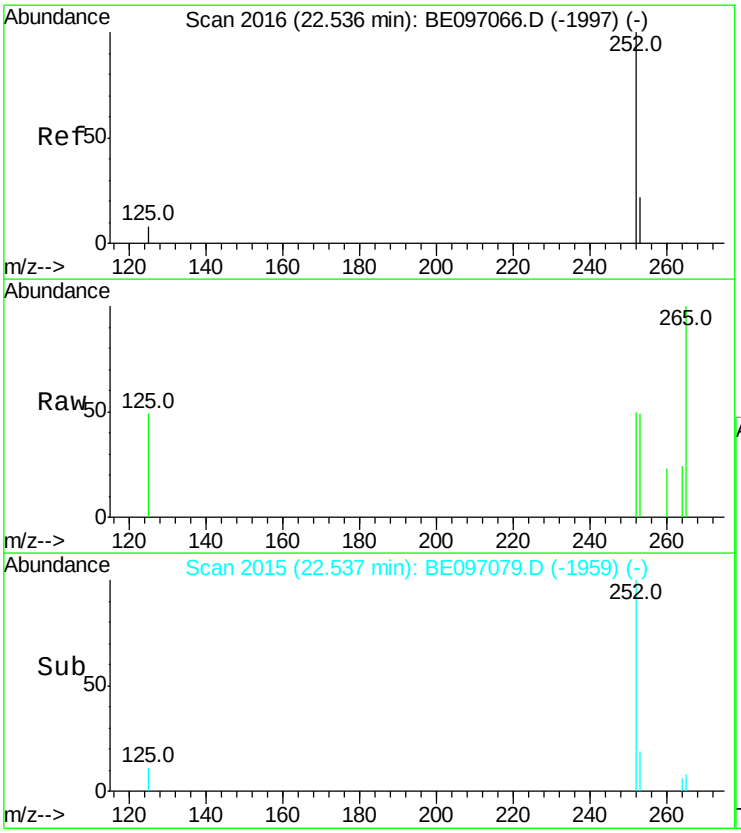
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:264 Resp: 10348

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	25.8	22.8	34.2

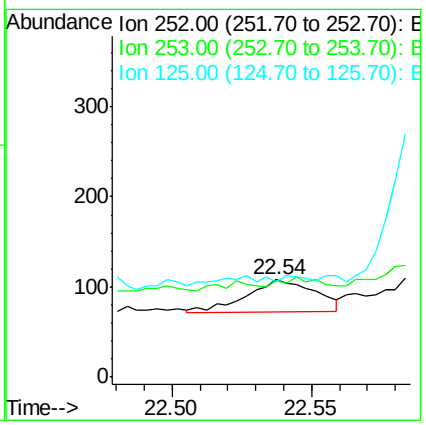


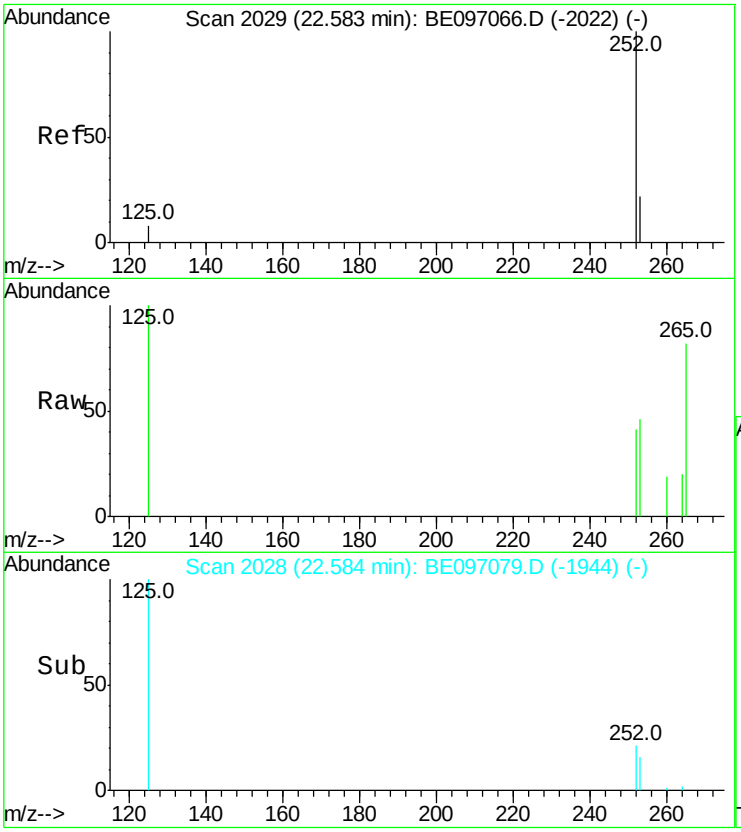


#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
253	99.1	20.0	30.0#
125	98.1	16.0	24.0#



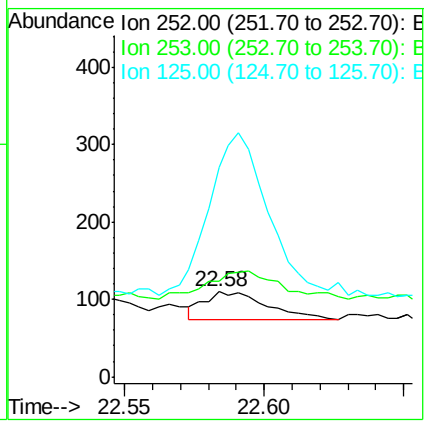


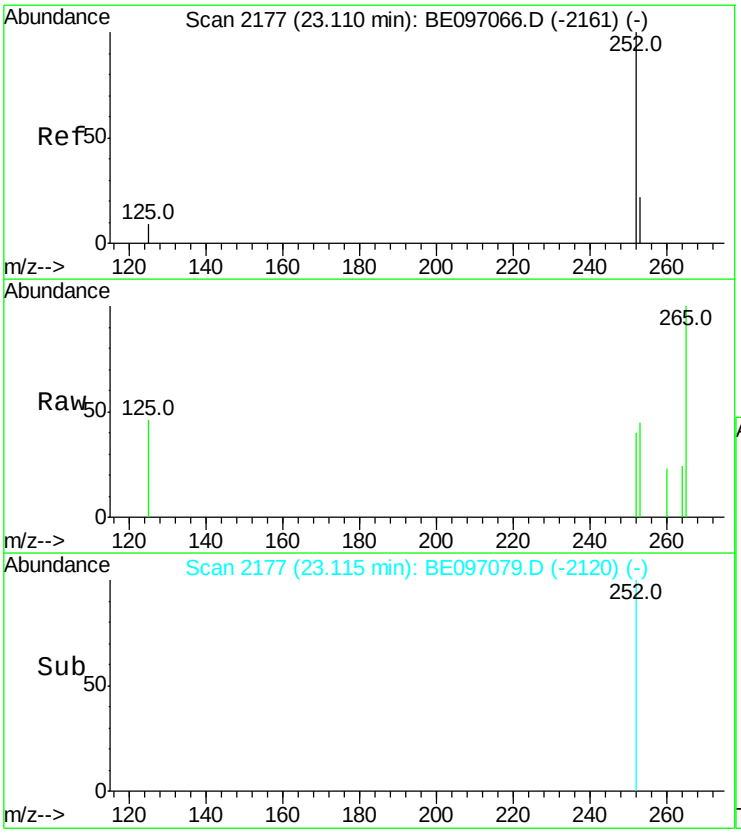
#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	112.7	16.0	24.0#
125	245.5	8.0	12.0#

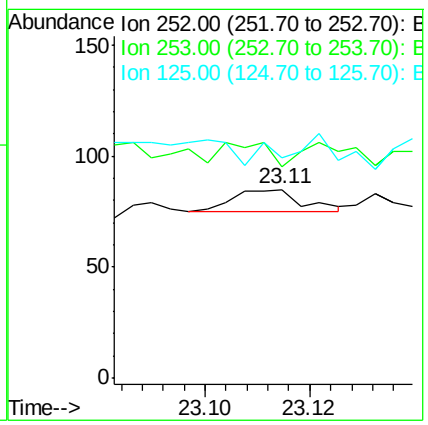


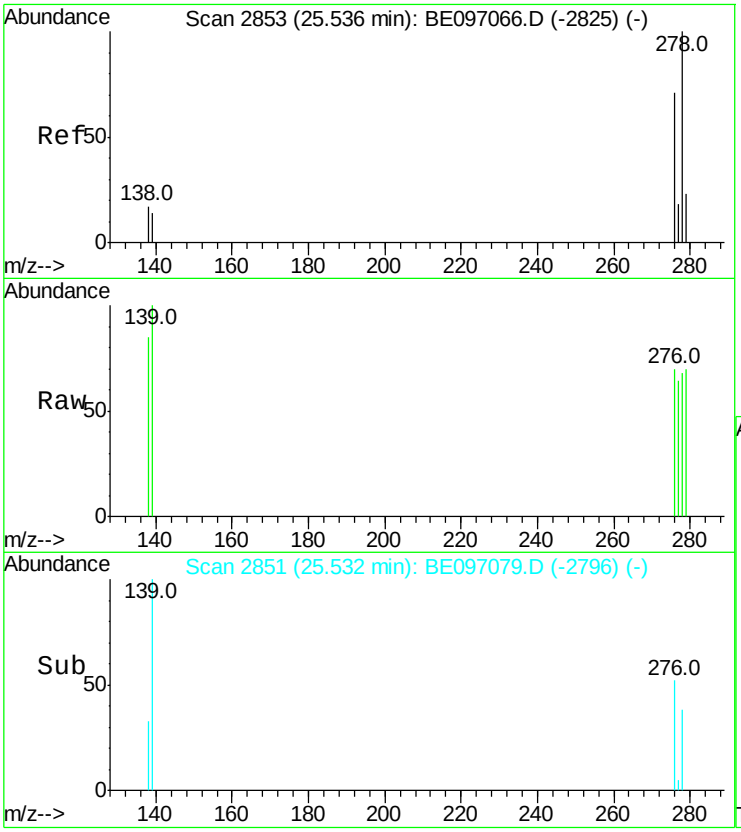


#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	111.8	16.0	24.0#
125	116.5	12.0	18.0#



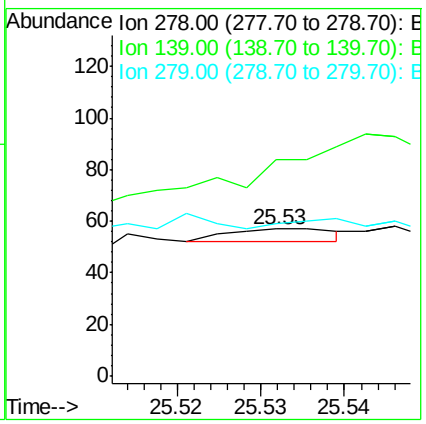


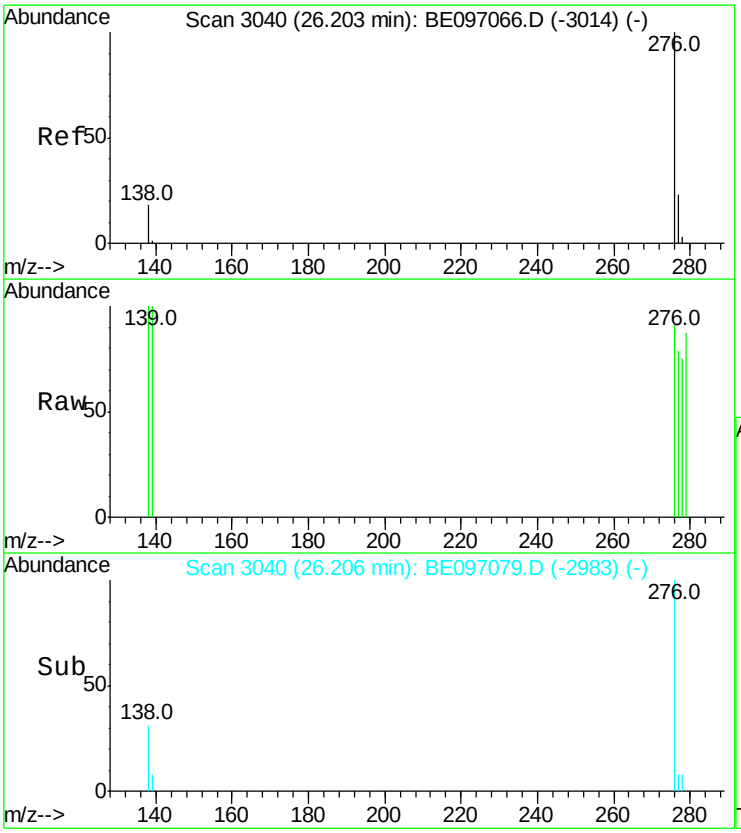
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.53 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	147.4	16.0	24.0#
279	103.5	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BE097079.D
Acq: 24 Jul 2018 19:42

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
277	86.9	16.0	24.0#
138	109.8	20.0	30.0#