Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
Data File : BE097104.D
Acq On : 26 Jul 2018 15:58
Operator : SJ/JU
Sample : J3762-03
Misc : MDL 0.1PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 27 03:29:44 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	1174	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5733	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3410	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	9505	0.40	ng		0.01
27) Chrysene-d12	20.98	240	7012	0.40	ng		0.00
34) Perylene-d12	23.22	264	5402	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1066	0.32	ng		0.00
5) Phenol-d6	6.60	99	1432	0.30	ng		0.00
8) Nitrobenzene-d5	8.53	82	1746	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3184	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	271	0.24	ng		0.01
15) 2-Fluorobiphenyl	12.63	172	4694	0.40	ng		0.00
25) Fluoranthene-d10	18.82	212	35018	0.37	ng		0.00
29) Terphenyl-d14	19.43	244	5416	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	220	0.118	ng	#	82
3) n-Nitrosodimethylamine	3.39	42	196	0.094	ng	#	76
6) bis(2-Chloroethyl)ether	6.84	93	469	0.106	ng		72
9) Naphthalene	10.20	128	4870	0.095	ng	#	97
10) Hexachlorobutadiene	10.48	225	239	0.104	ng		90
12) 2-Methylnaphthalene	11.81	142	783	0.089	ng		97
16) Acenaphthylene	13.74	152	1415	0.092	ng		98
17) Acenaphthene	14.08	154	829	0.093	ng	#	89
18) Fluorene	15.07	166	1024	0.087	ng	#	80
20) 4-Bromophenyl-phenylether	15.98	248	409	0.089	ng	#	86
21) Hexachlorobenzene	16.09	284	510	0.103	ng	#	83
22) Pentachlorophenol	16.46	266	65	0.090	ng		93
23) Phenanthrene	16.81	178	2103	0.093	ng		98
24) Anthracene	16.90	178	1573	0.078	ng	#	95
26) Fluoranthene	18.84	202	2118	0.083	ng		99
28) Pyrene	19.21	202	1927	0.100	ng		99
30) Benzo(a)anthracene	21.02	228	1828	0.105	ng		95
31) Chrysene	21.02	228	1795	0.096	ng		95
32) Bis(2-ethylhexyl)phthalate	20.92	149	1336	0.065	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.53	276	927	0.055	ng	#	70
35) Benzo(b)fluoranthene	22.54	252	1112	0.081	ng		93
36) Benzo(k)fluoranthene	22.59	252	1356	0.085	ng	#	78
37) Benzo(a)pyrene	23.12	252	964	0.075	ng	#	71
38) Dibenzo(a,h)anthracene	25.56	278	677	0.053	ng	#	58
39) Benzo(g,h,i)perylene	26.23	276	991	0.073	ng	#	72

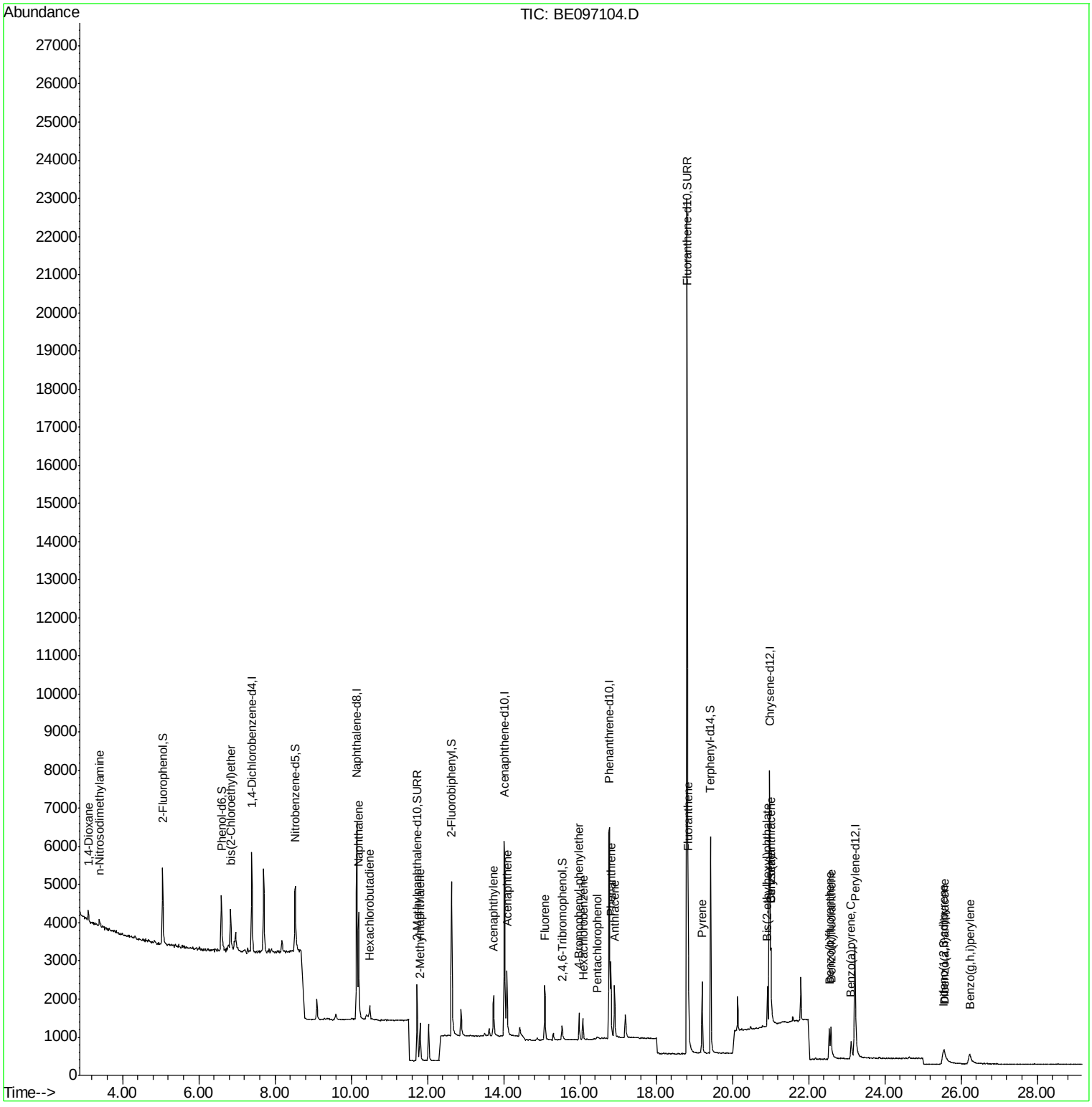
(#) = qualifier out of range (m) = manual integration (+) = signals summed

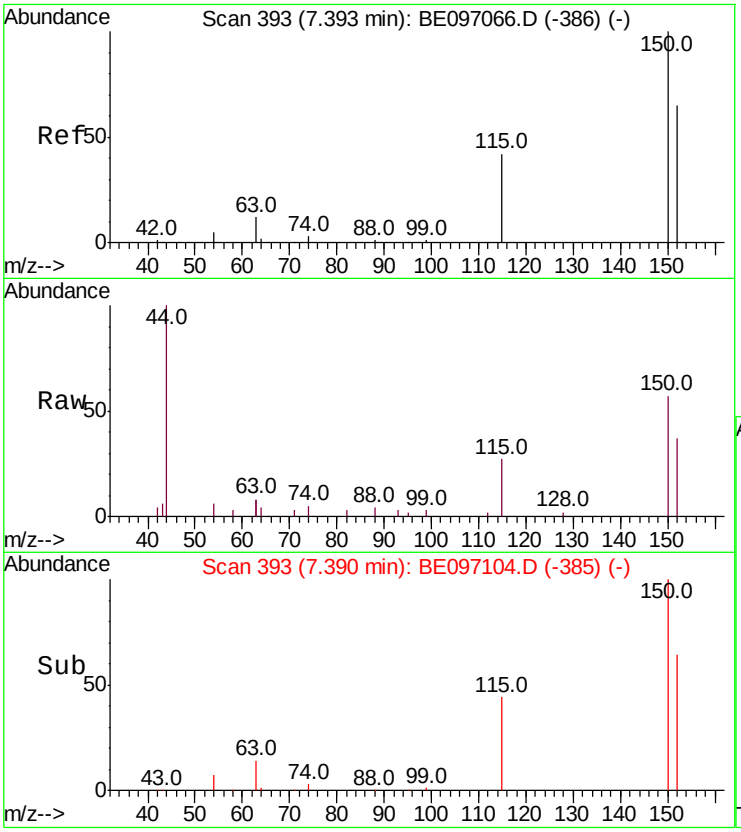
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
Data File : BE097104.D
Acq On : 26 Jul 2018 15:58
Operator : SJ/JU
Sample : J3762-03
Misc : MDL 0.1PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 26 17:21:52 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



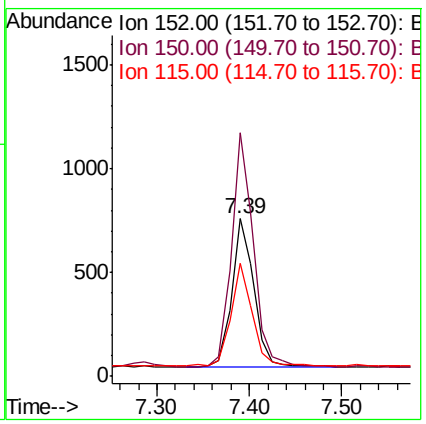


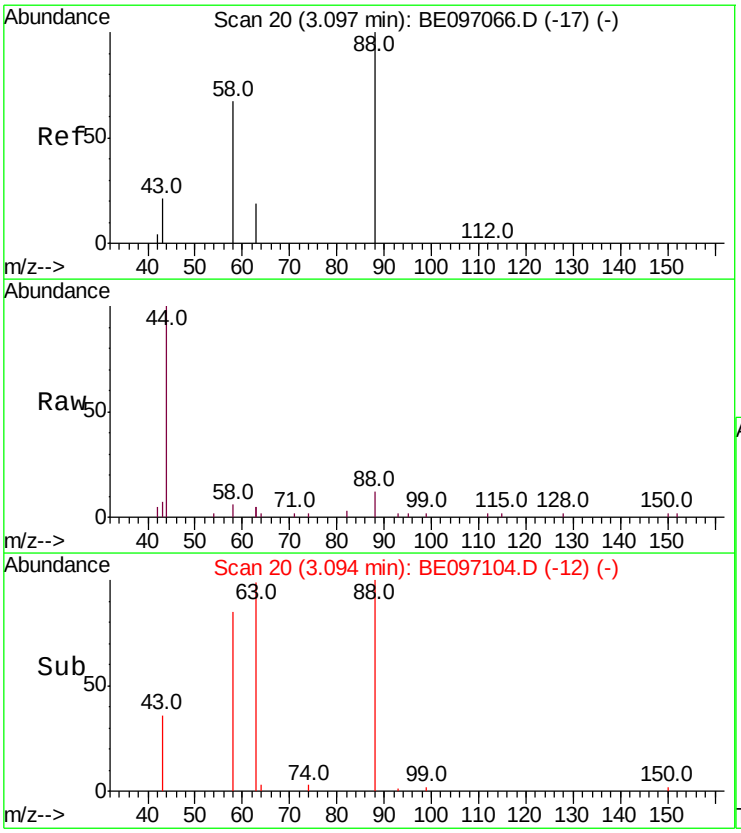
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1174

Ion	Ratio	Lower	Upper
152	100		
150	154.4	117.2	175.8
115	71.5	57.0	85.6

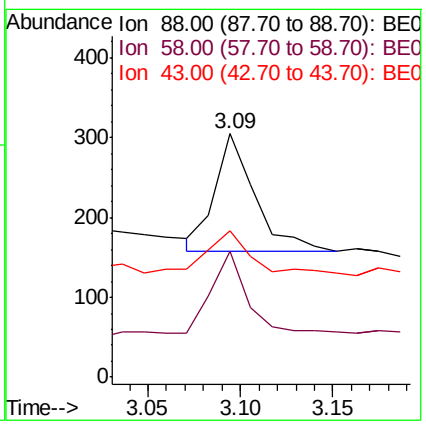


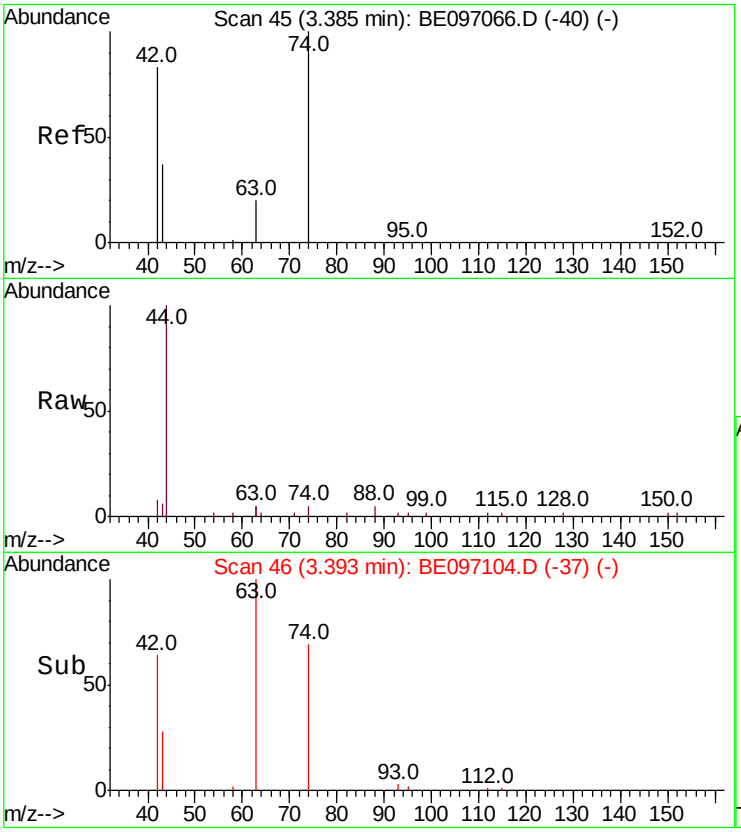


#2
1,4-Dioxane
Concen: 0.118 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion: 88 Resp: 220

Ion	Ratio	Lower	Upper
88	100		
58	62.7	63.2	94.8#
43	40.0	41.2	61.8#



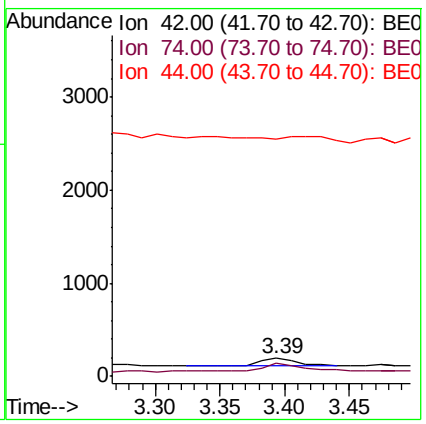


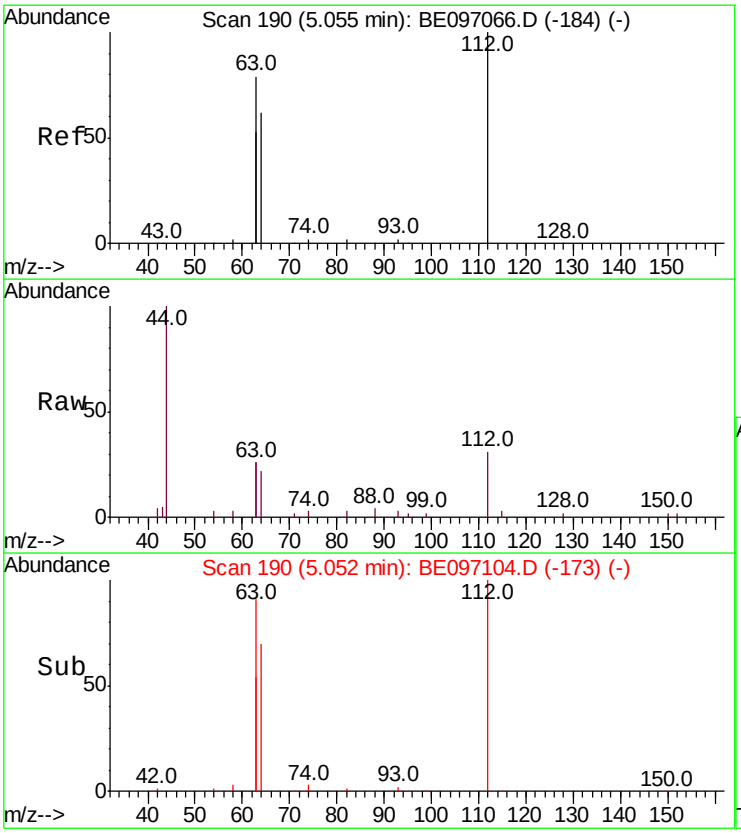
#3
n-Nitrosodimethylamine
Concen: 0.094 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 196

Ion	Ratio	Lower	Upper
42	100		
74	94.9	96.0	144.0#
44	0.0	12.0	18.0#

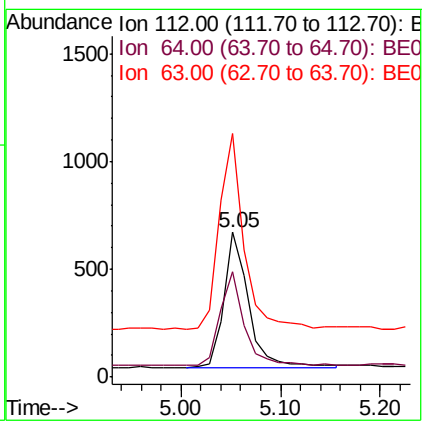


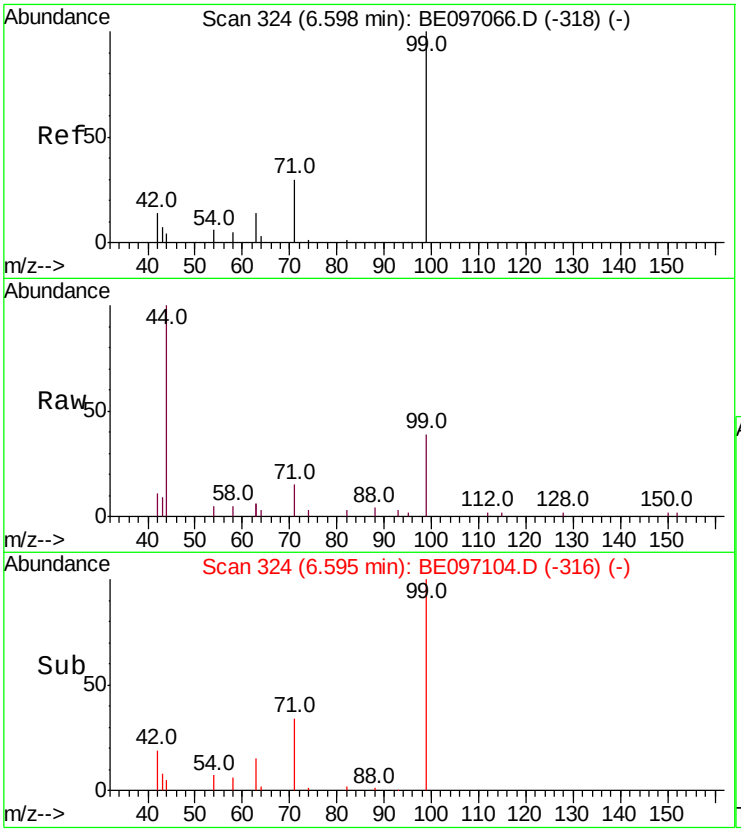


#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:112 Resp: 1066

Ion	Ratio	Lower	Upper
112	100		
64	69.9	60.1	90.1
63	146.5	116.8	175.2



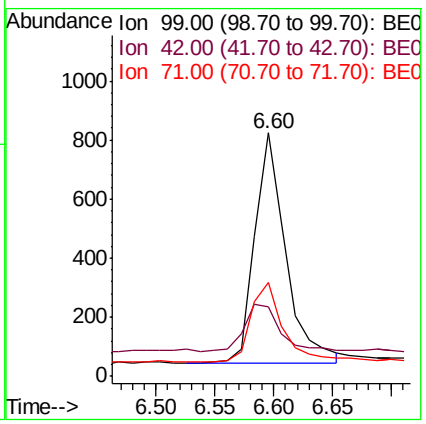


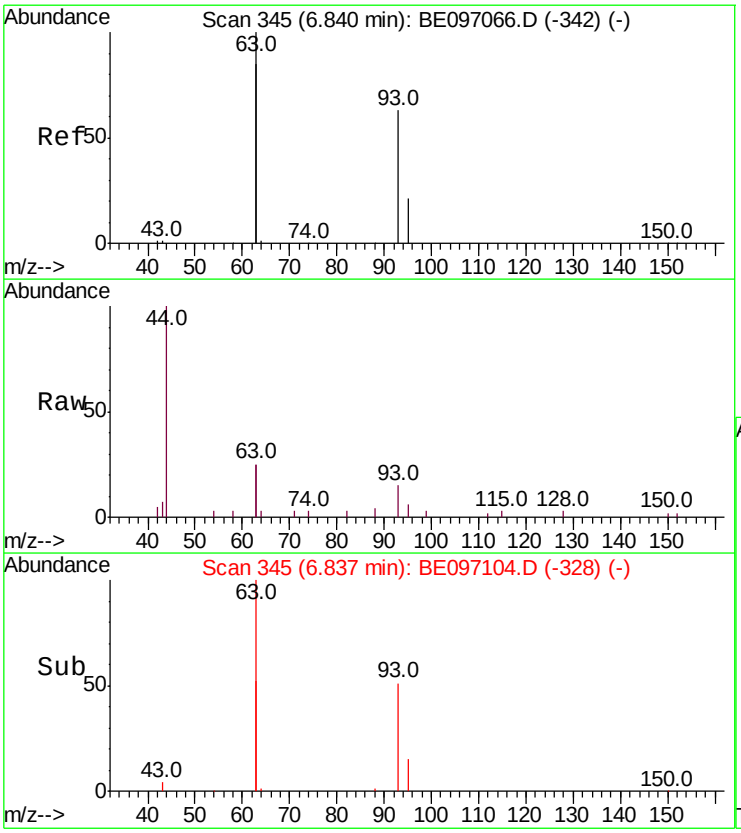
#5
Phenol-d6
Concen: 0.296 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1432

Ion	Ratio	Lower	Upper
99	100		
42	24.6	20.2	30.2
71	35.8	28.4	42.6

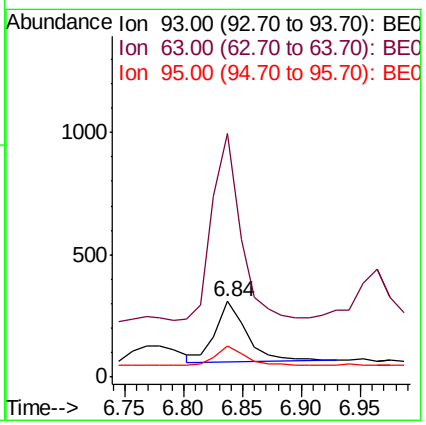


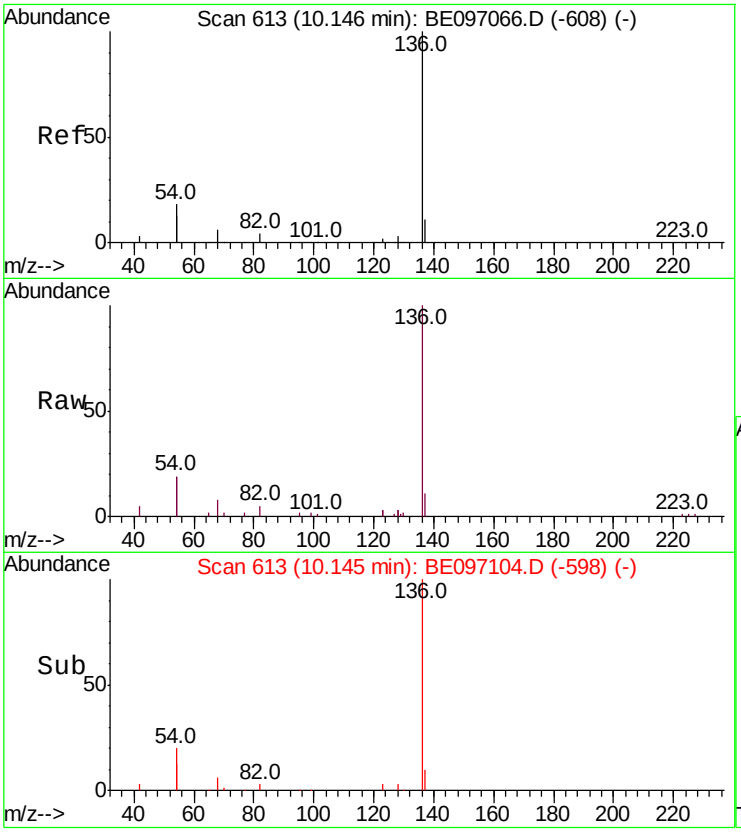


#6
bis(2-Chloroethyl)ether
Concen: 0.106 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion: 93 Resp: 469

Ion	Ratio	Lower	Upper
93	100		
63	277.6	275.3	412.9
95	32.2	25.2	37.8



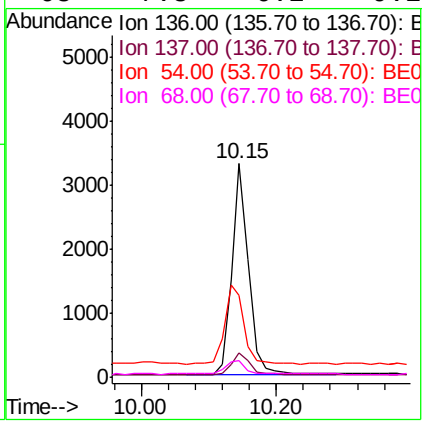


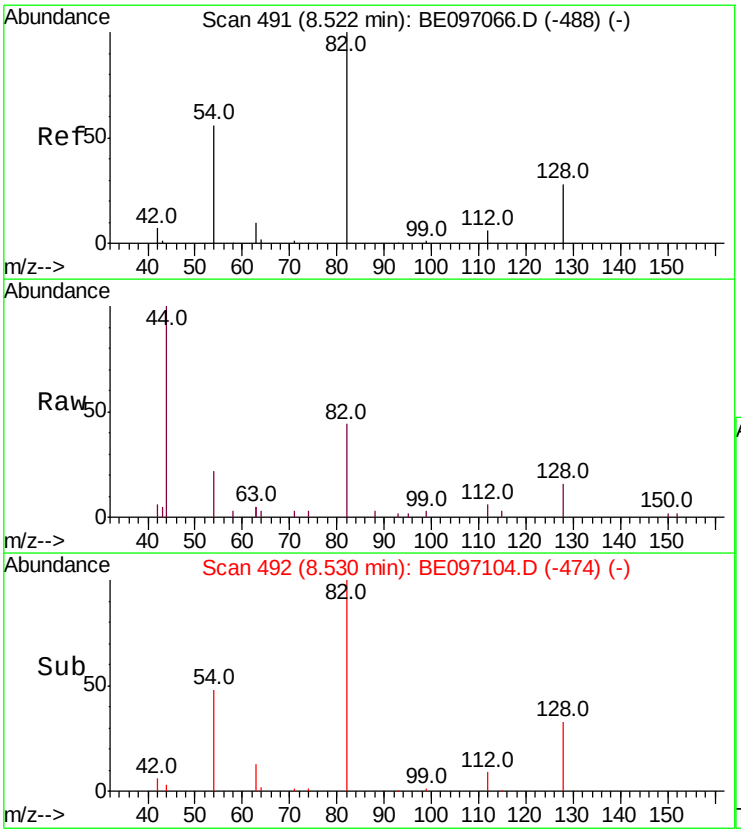
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5733

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	38.5	29.1	43.7
68	7.8	6.2	9.2

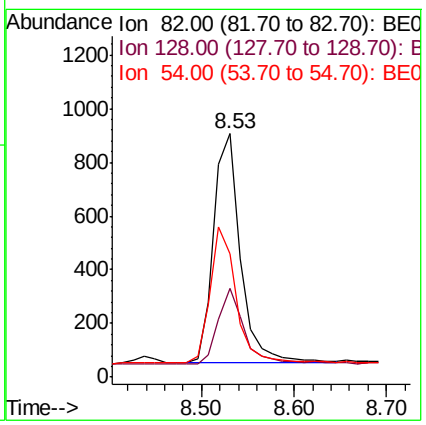


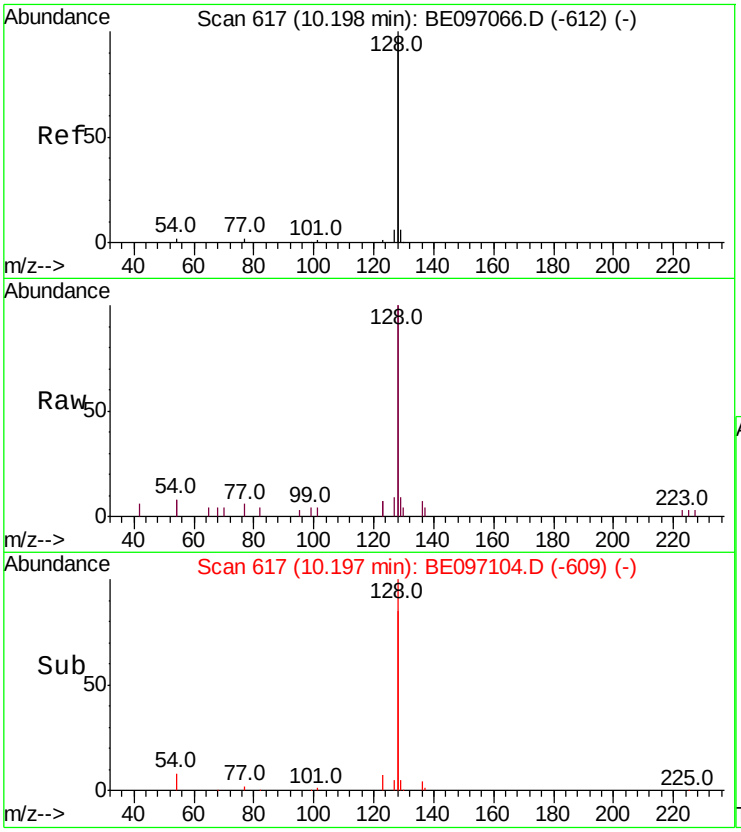


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion: 82 Resp: 1746

Ion	Ratio	Lower	Upper
82	100		
128	36.6	24.0	36.0#
54	50.7	40.0	60.0



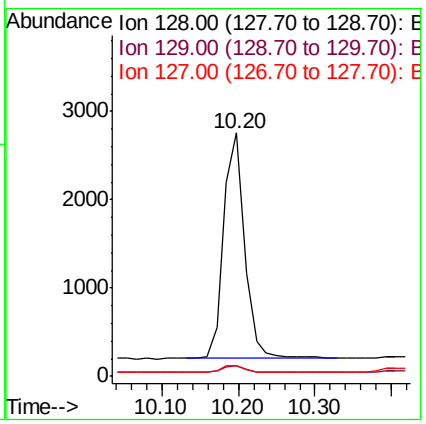


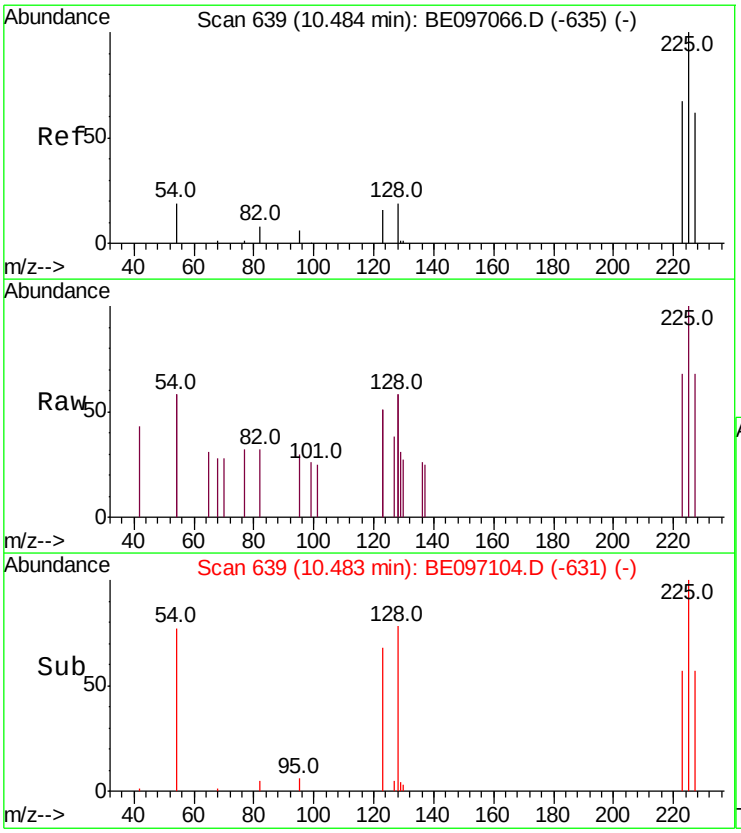
#9
Naphthalene
Concen: 0.095 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4870

Ion	Ratio	Lower	Upper
128	100		
129	4.5	2.6	3.8#
127	4.5	2.8	4.2#

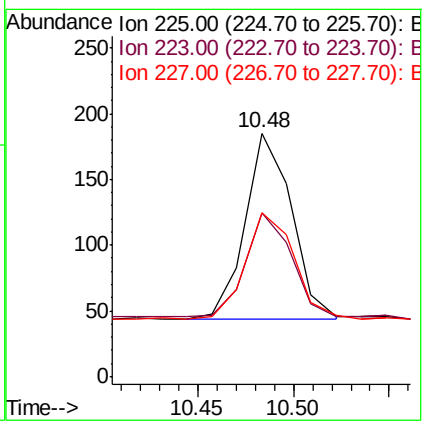


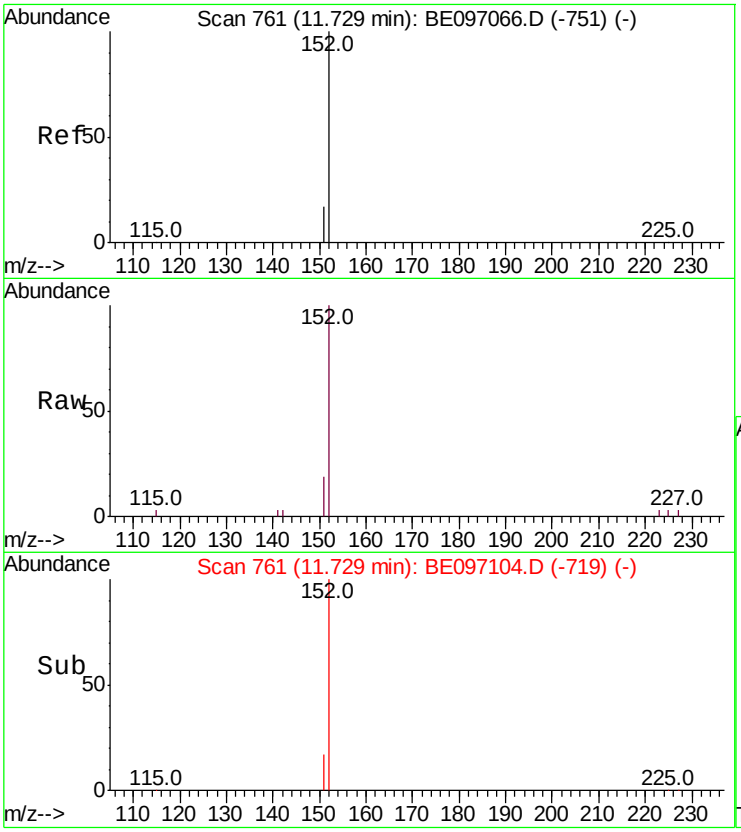


#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:225 Resp: 239

Ion	Ratio	Lower	Upper
225	100		
223	54.0	53.0	79.6
227	60.3	51.4	77.2



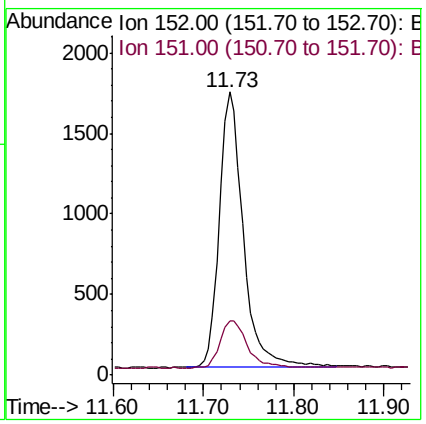


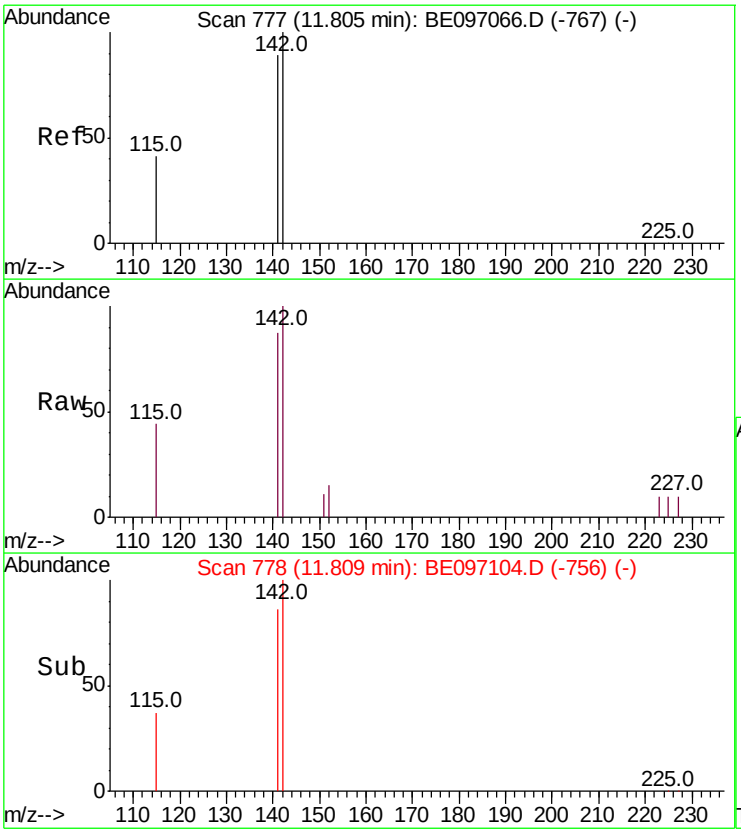
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3184

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

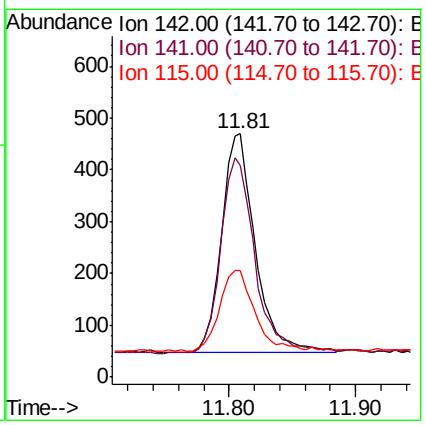


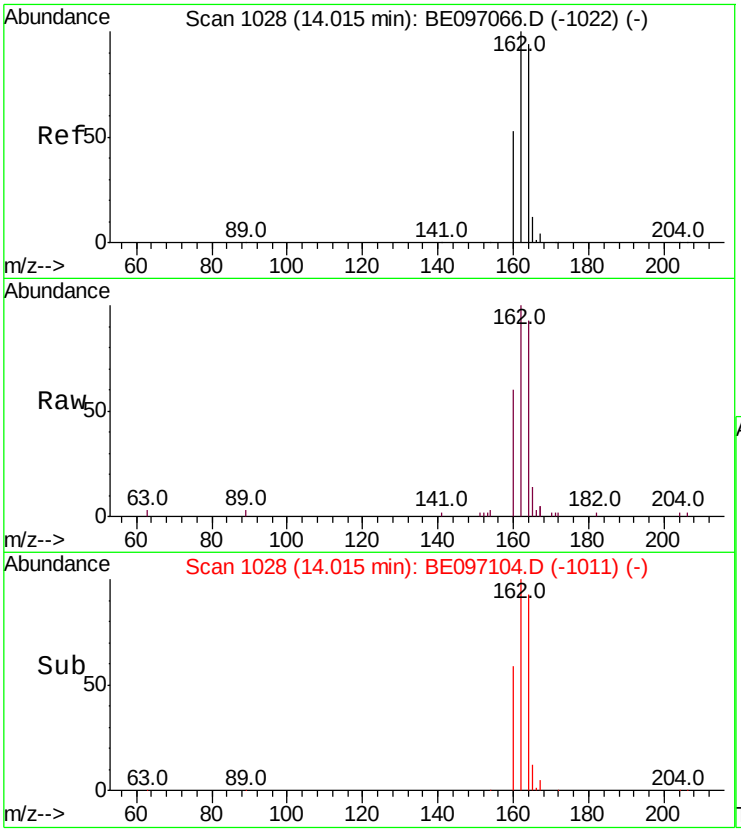


#12
2-Methylnaphthalene
Concen: 0.089 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:142 Resp: 783

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.4	105.6
115	44.0	31.7	47.5



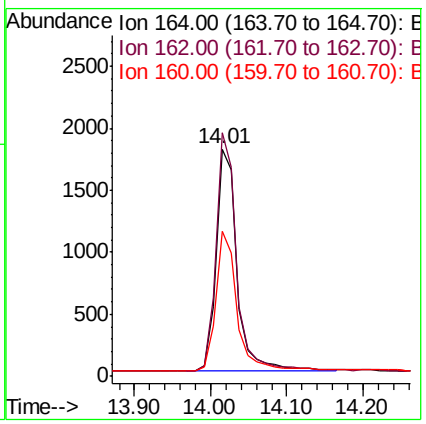


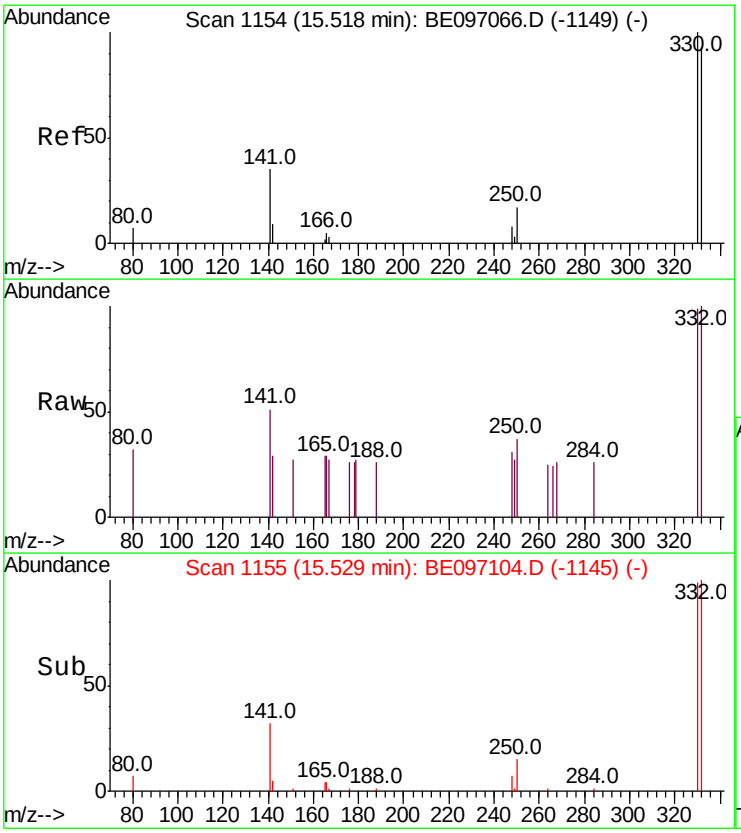
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3410

Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.1	124.7
160	64.0	37.1	55.7#

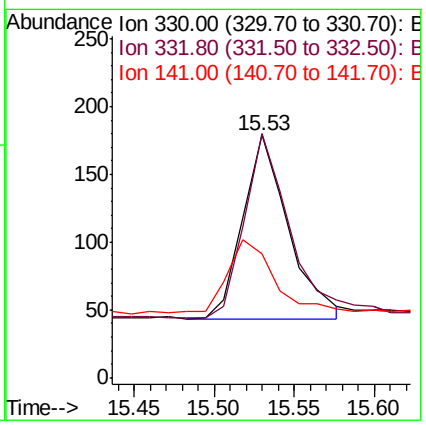


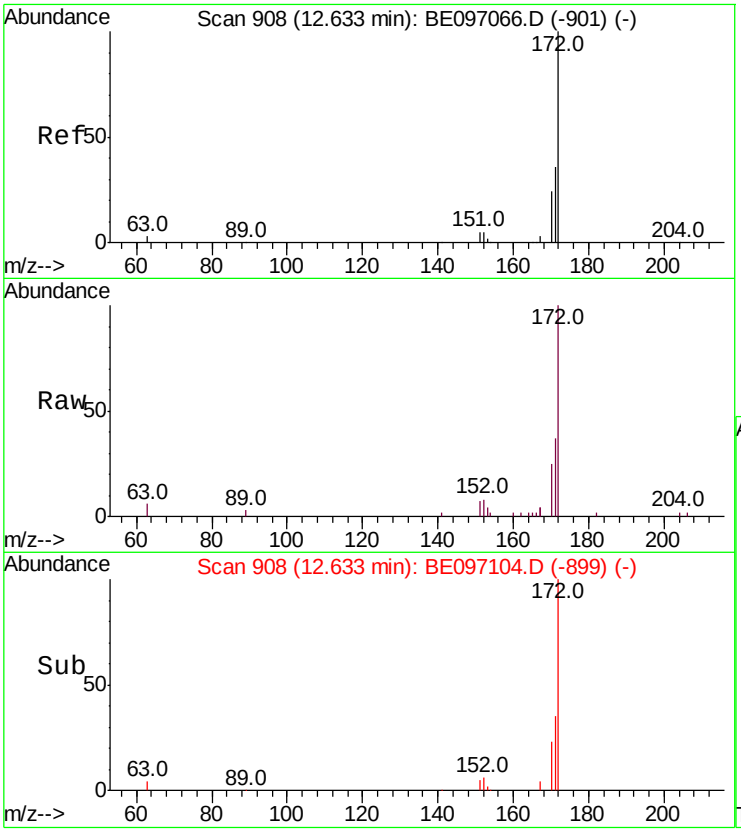


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:330 Resp: 271

Ion	Ratio	Lower	Upper
330	100		
332	98.2	152.7	229.1#
141	43.2	33.7	50.5



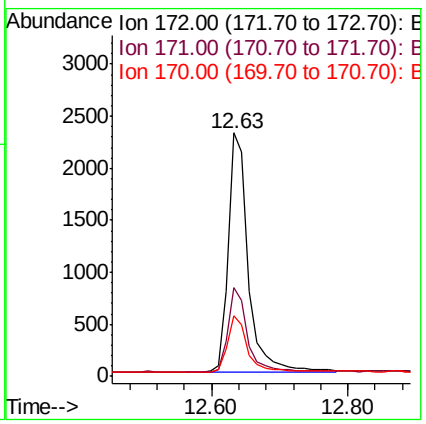


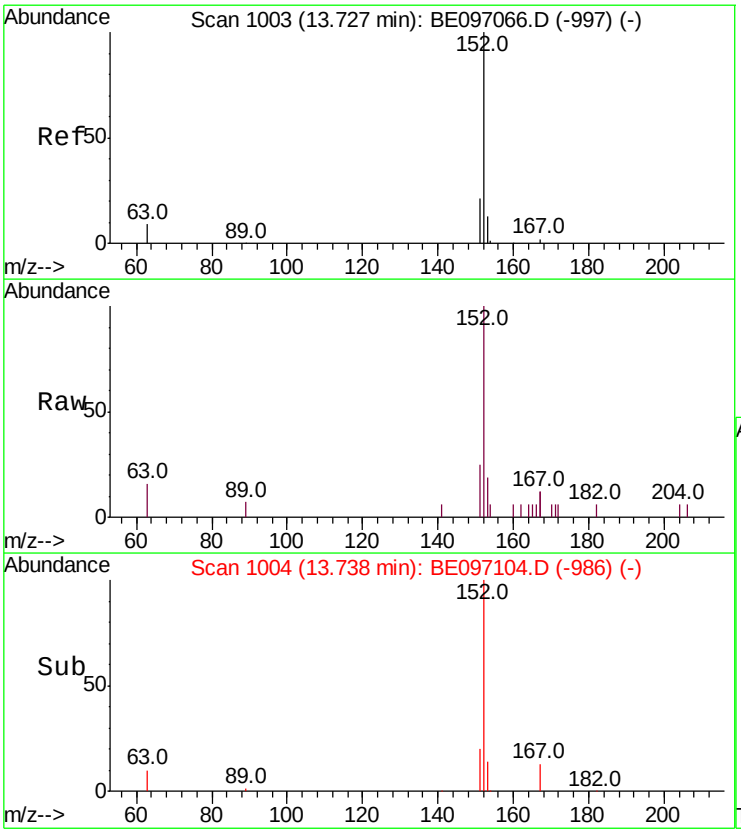
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4694

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	24.8	21.8	32.8

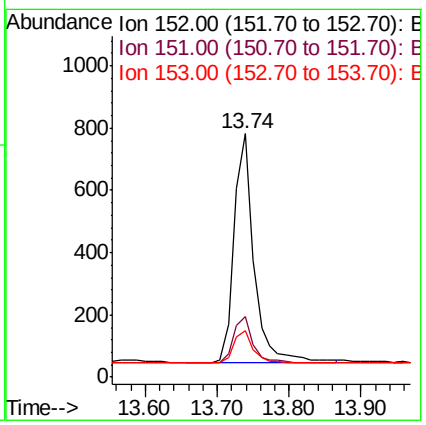


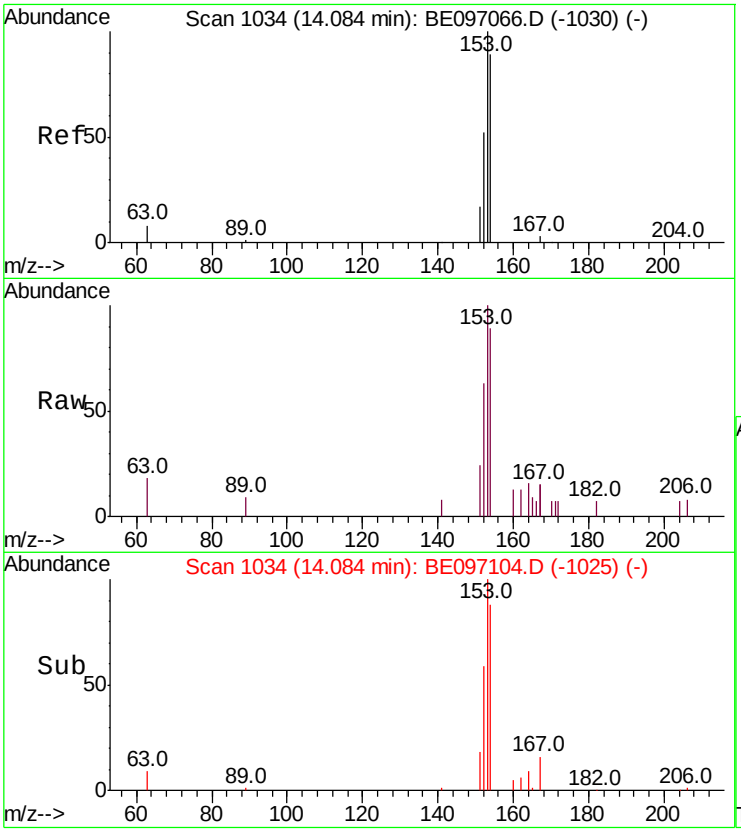


#16
Acenaphthylene
Concen: 0.092 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:152 Resp: 1415

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	13.7	10.5	15.7



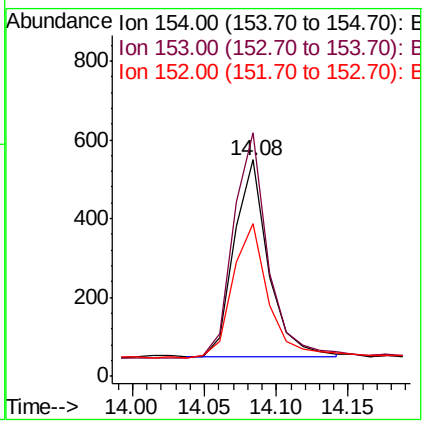


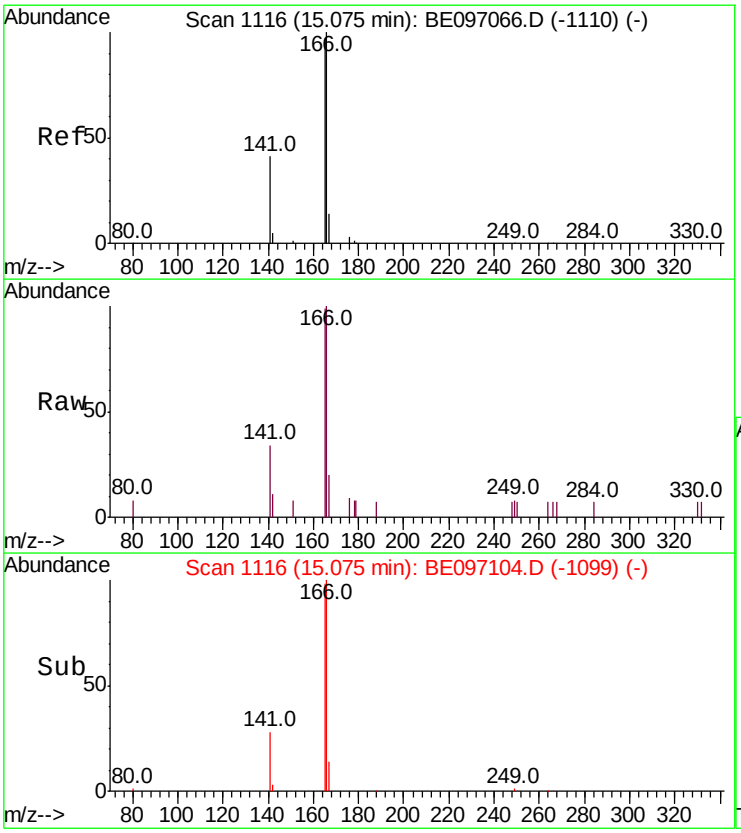
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 829

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.2	133.8
152	71.4	42.0	63.0#

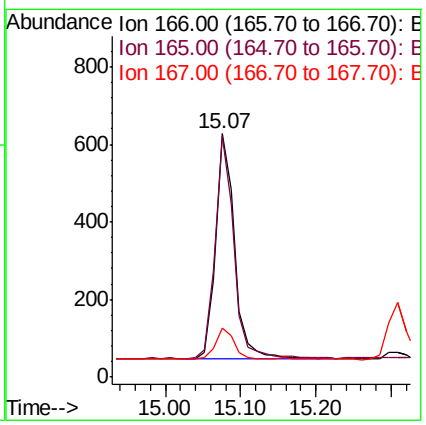


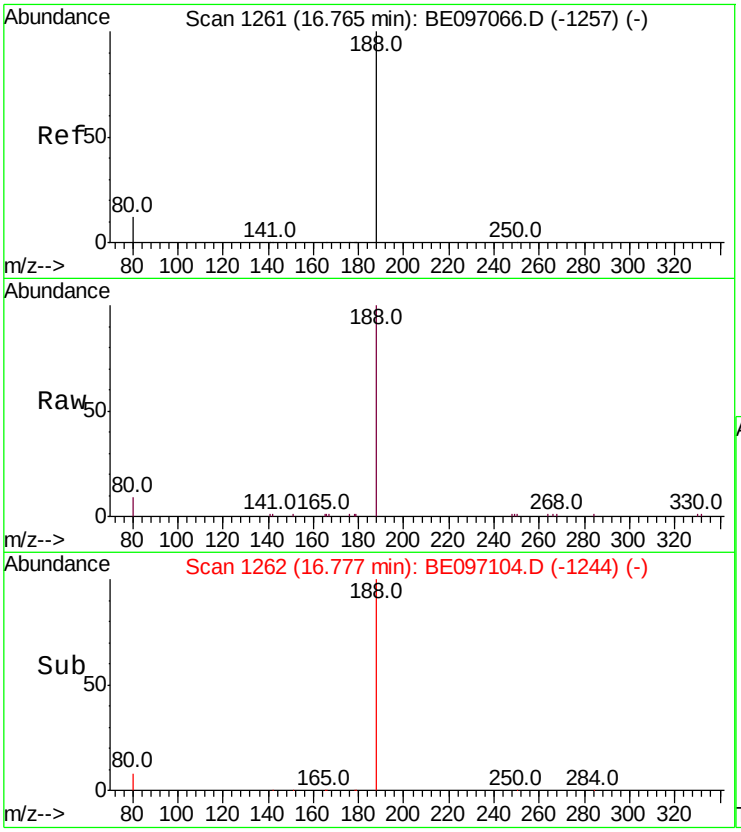


#18
Fluorene
Concen: 0.087 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:166 Resp: 1024

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	13.7	42.4	63.6#



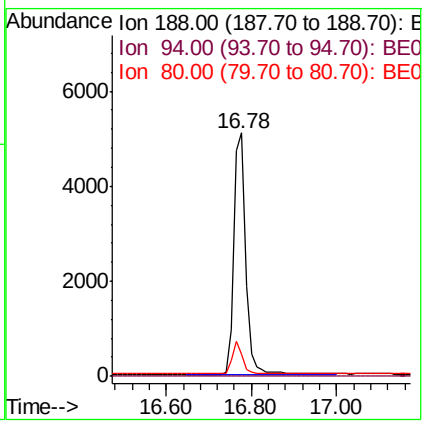


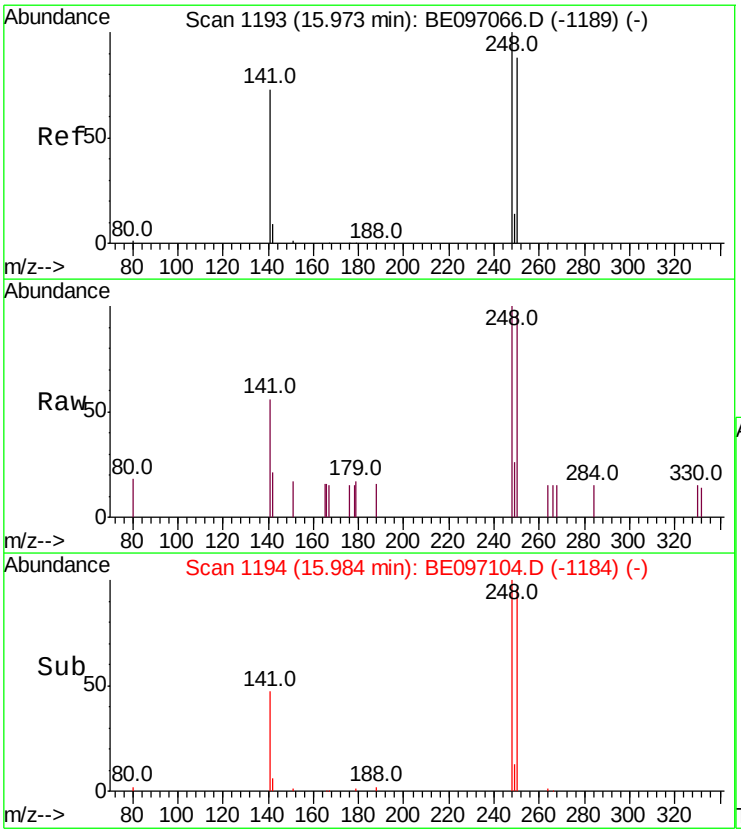
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9505

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#

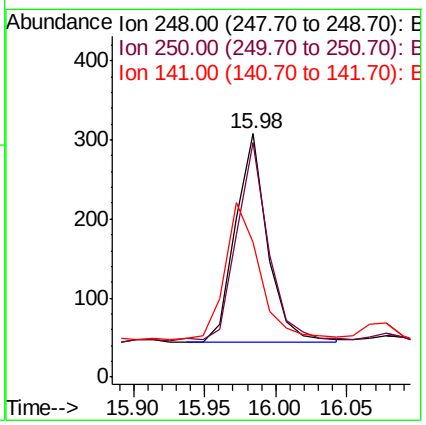


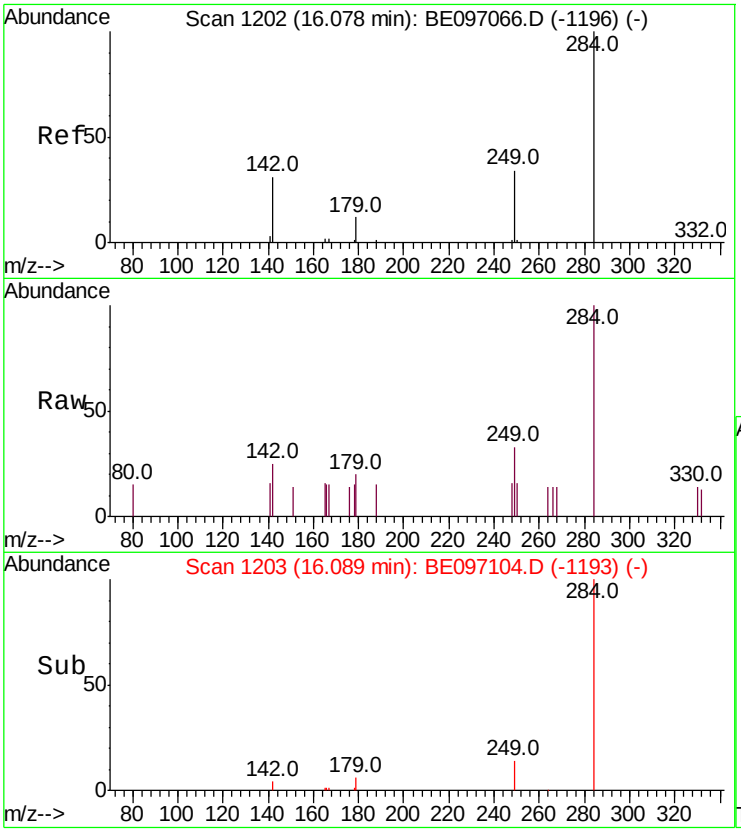


#20
4-Bromophenyl-phenylether
Concen: 0.089 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:248 Resp: 409

Ion	Ratio	Lower	Upper
248	100		
250	96.4	62.7	94.1#
141	55.5	48.2	72.2



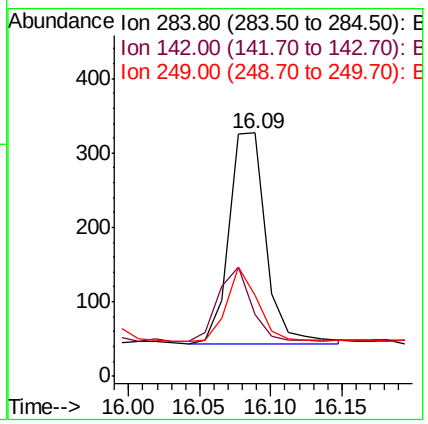


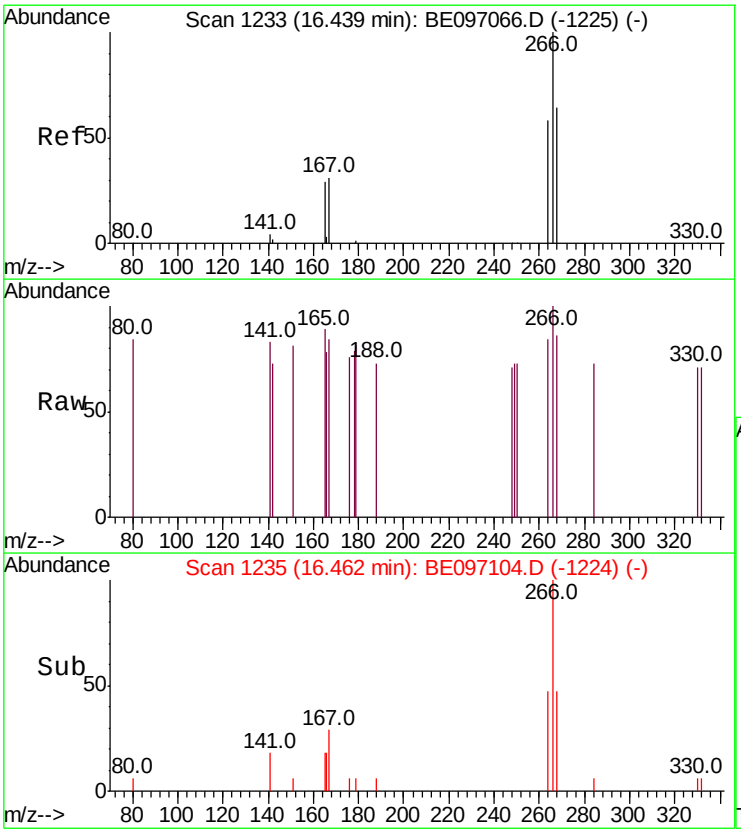
#21
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 510

Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.1	33.1
249	29.2	34.8	52.2#

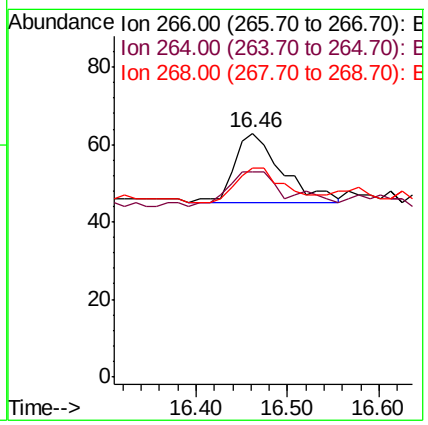


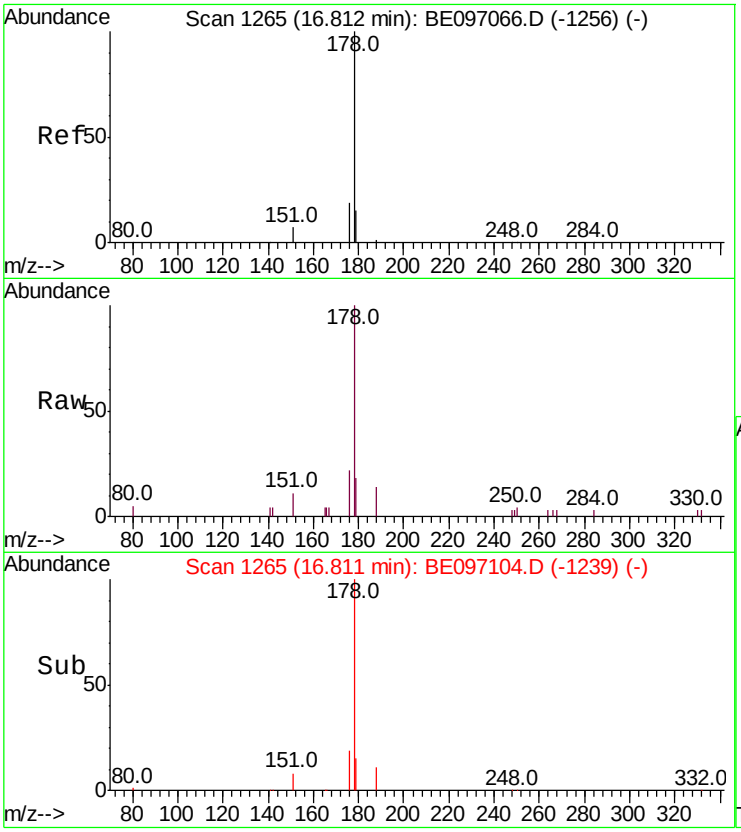


#22
Pentachlorophenol
Concen: 0.090 ng
RT: 16.46 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
264	84.1	72.5	108.7
268	85.7	73.8	110.6



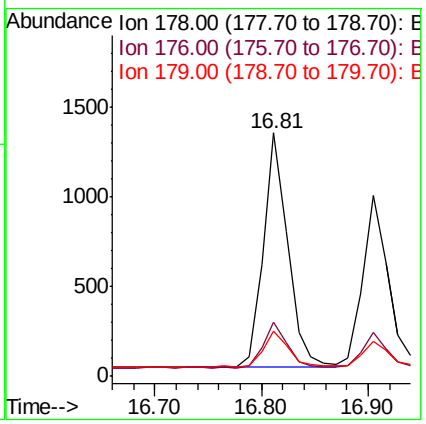


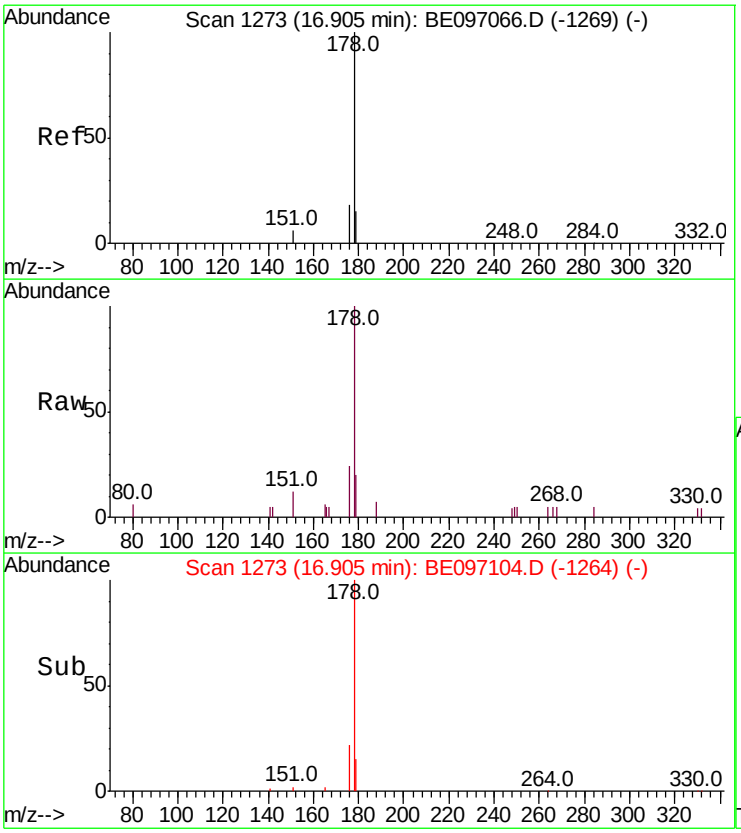
#23
Phenanthrene
Concen: 0.093 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2103

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.2	11.8	17.6

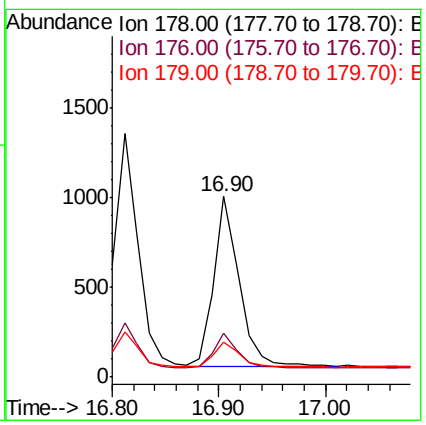


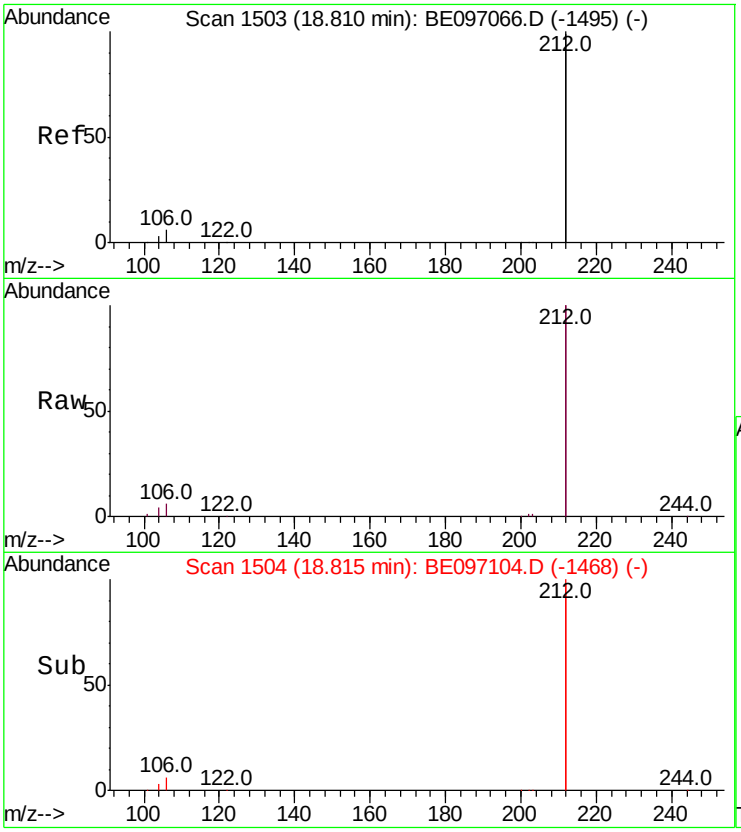


#24
Anthracene
Concen: 0.078 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:178 Resp: 1573

Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	15.6	13.0	19.6



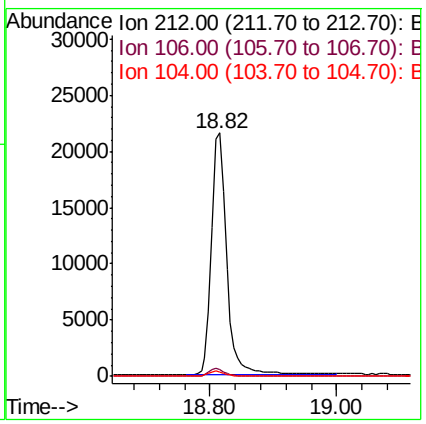


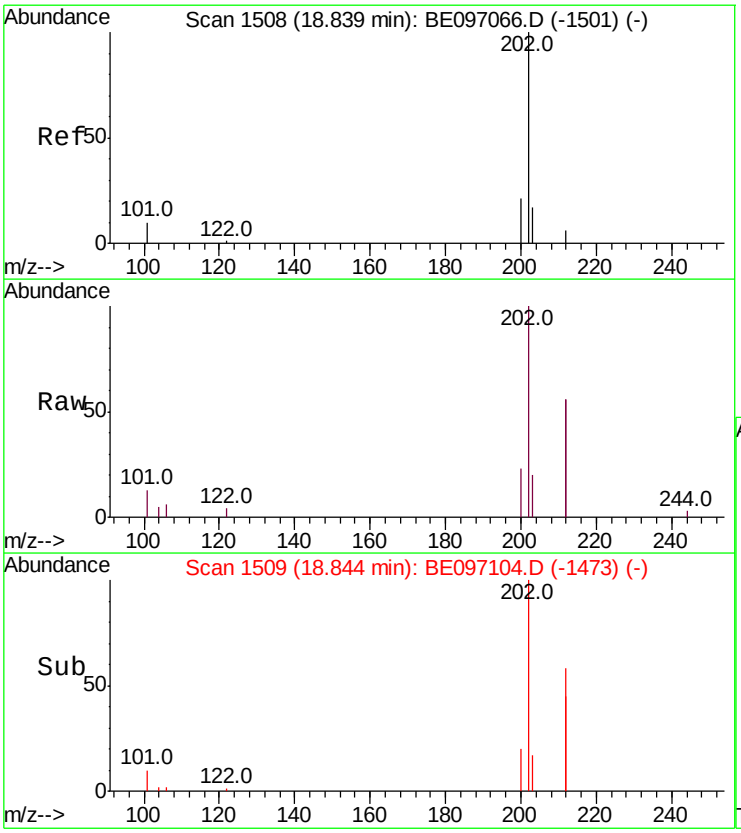
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 35018

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

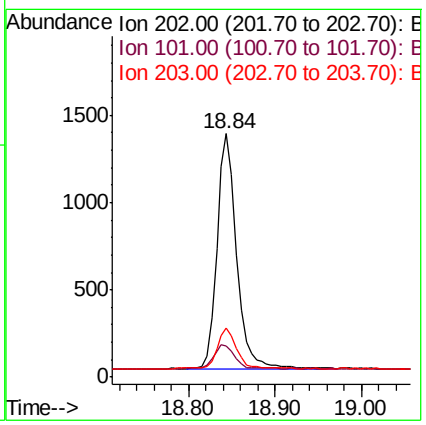


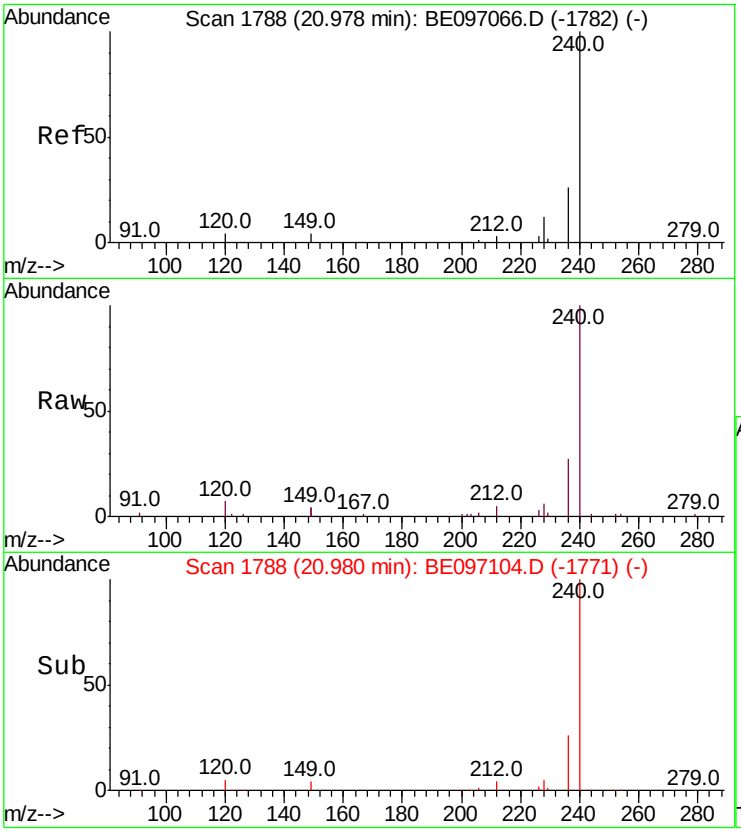


#26
Fluoranthene
Concen: 0.083 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:202 Resp: 2118

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.4	13.7	20.5



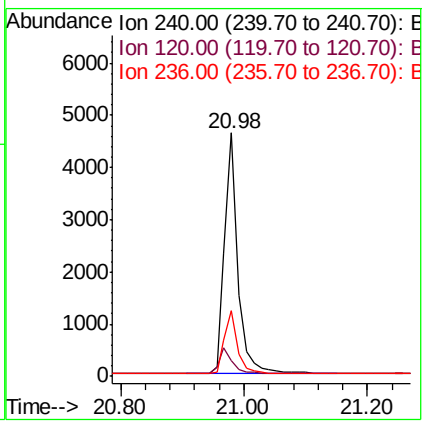


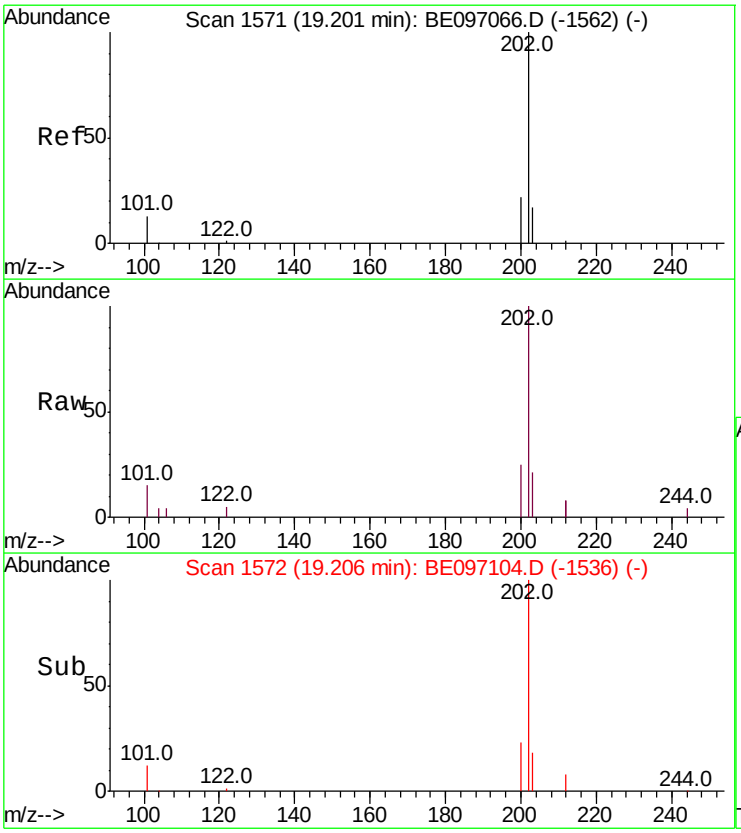
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7012

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.5	8.3
236	27.2	20.7	31.1

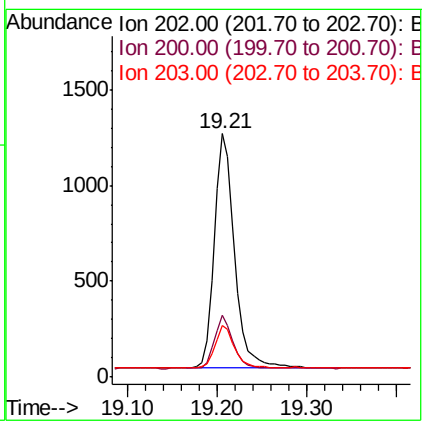


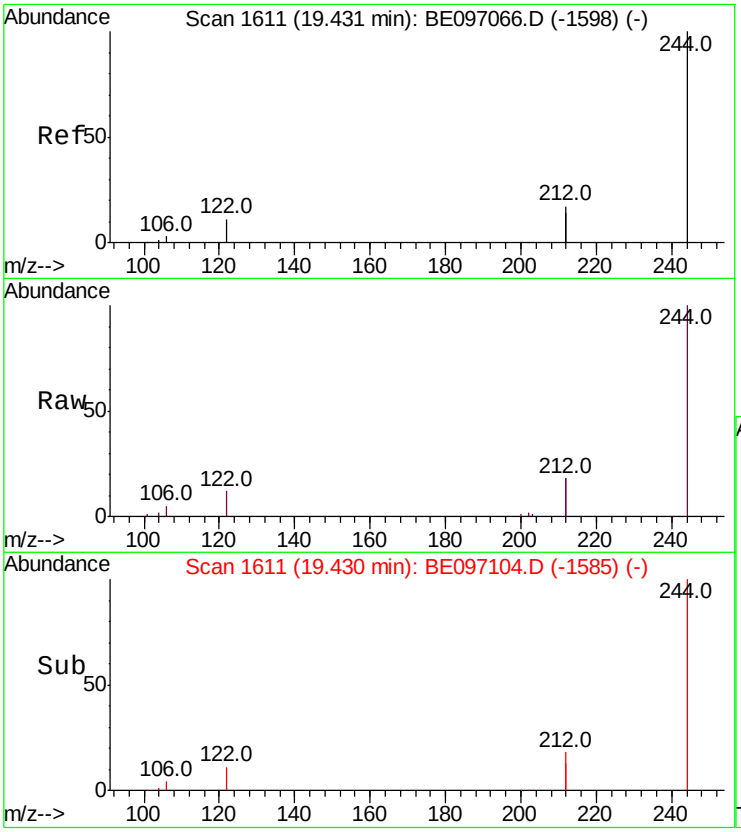


#28
Pyrene
Concen: 0.100 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:202 Resp: 1927

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	16.8	13.8	20.8



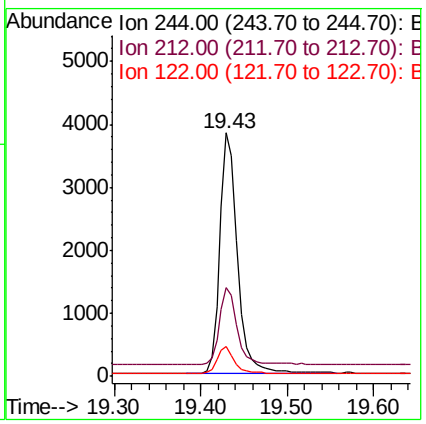


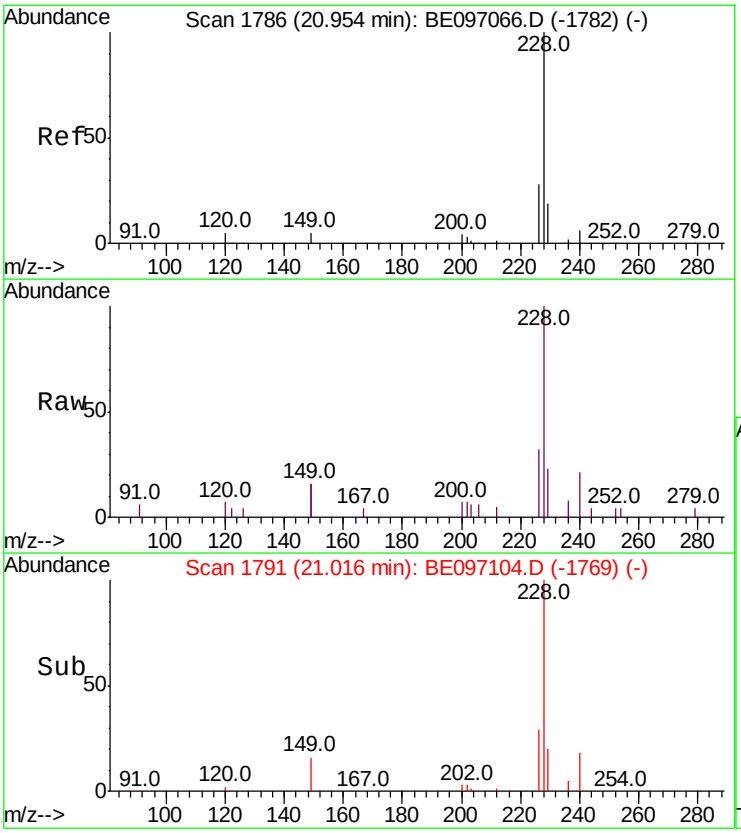
#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5416

Ion	Ratio	Lower	Upper
244	100		
212	36.4	25.4	38.0
122	12.3	8.1	12.1#

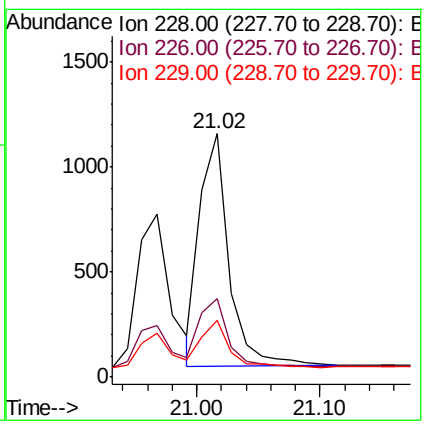


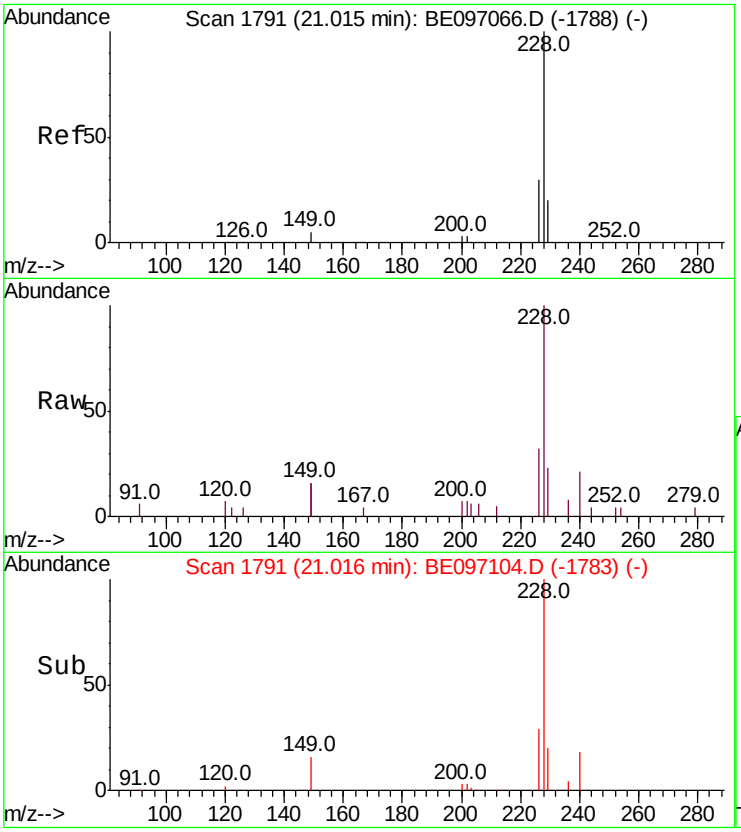


#30
Benzo(a)anthracene
Concen: 0.105 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.06 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:228 Resp: 1828

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	23.2	16.0	24.0



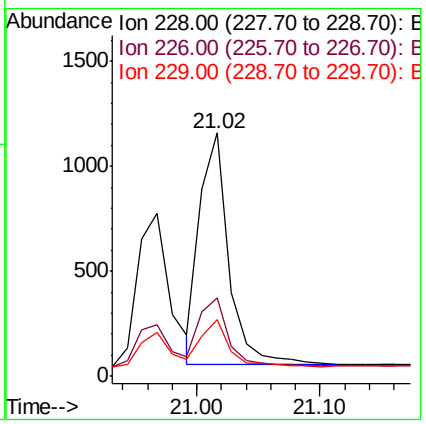


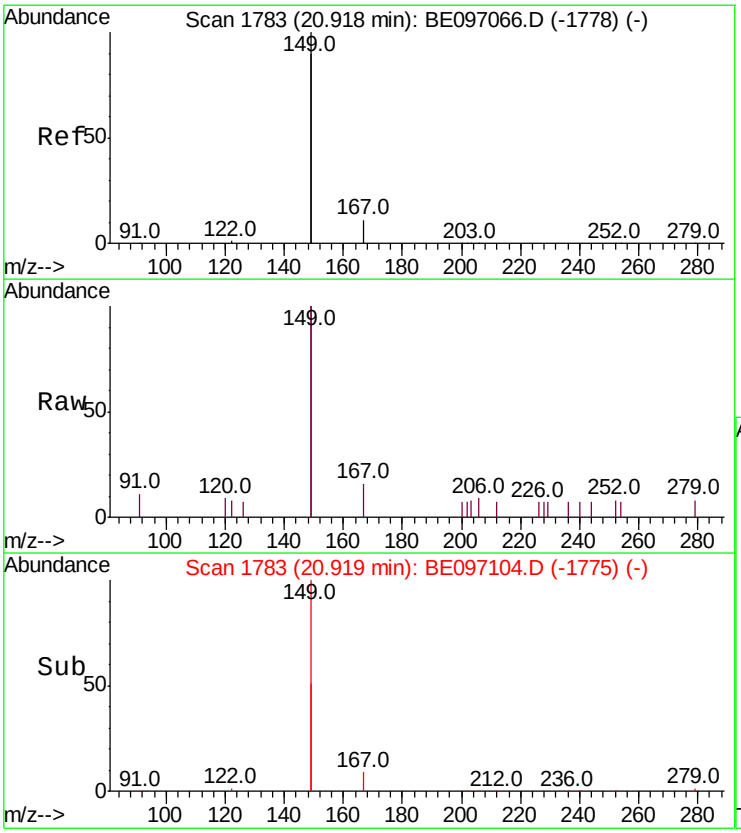
#31
Chrysene
Concen: 0.096 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1795

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	23.2	16.0	24.0

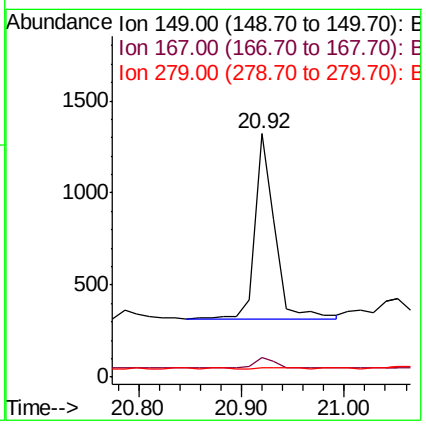


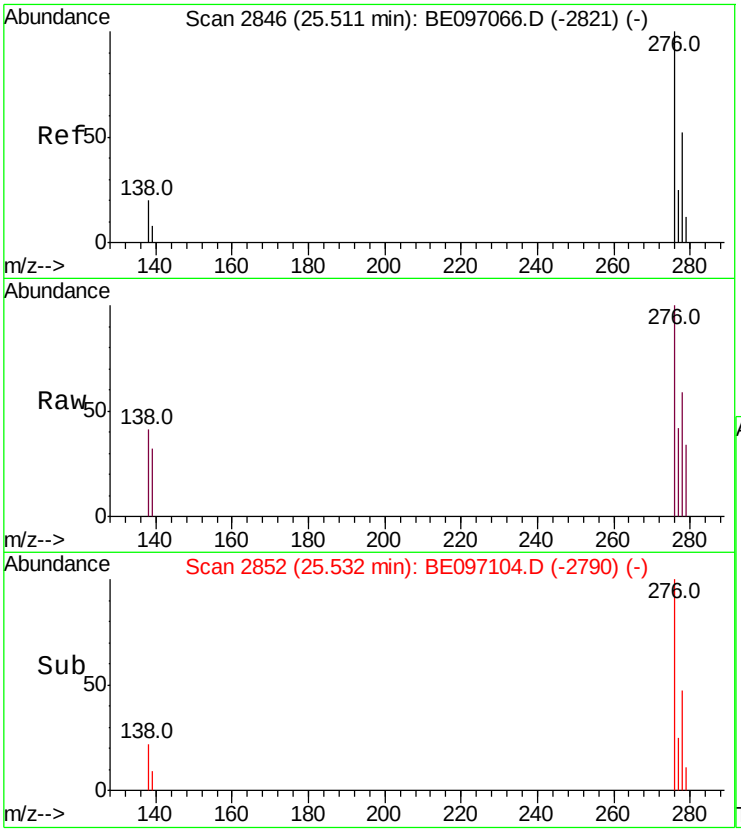


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:149 Resp: 1336

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.4	0.7	1.1#



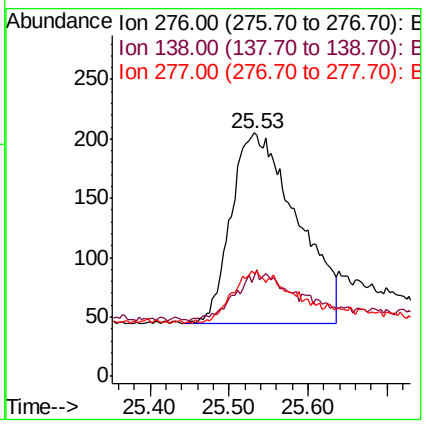


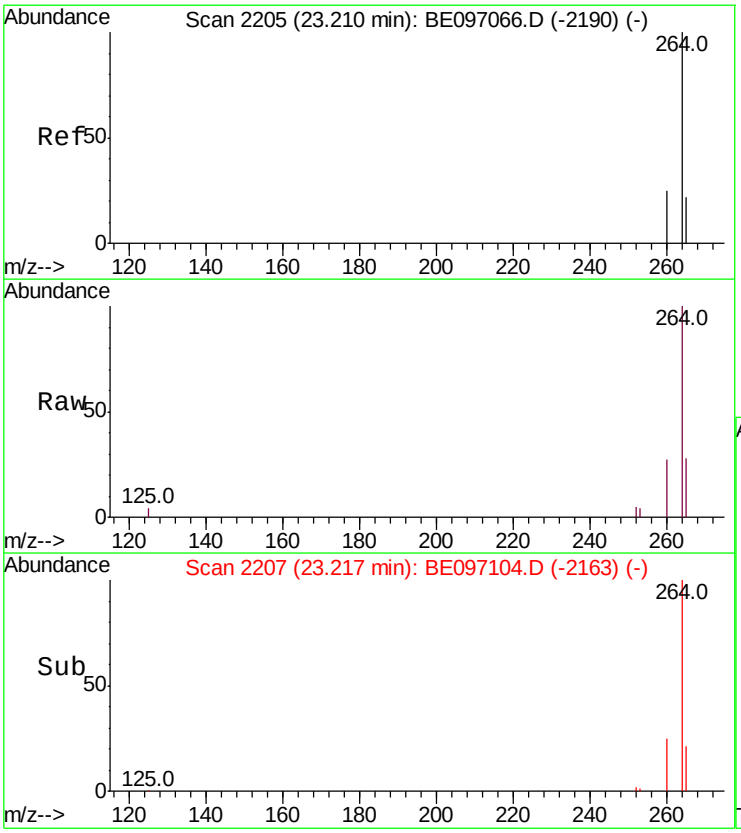
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.02 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 927

Ion	Ratio	Lower	Upper
276	100		
138	9.8	22.5	33.7#
277	12.5	19.9	29.9#

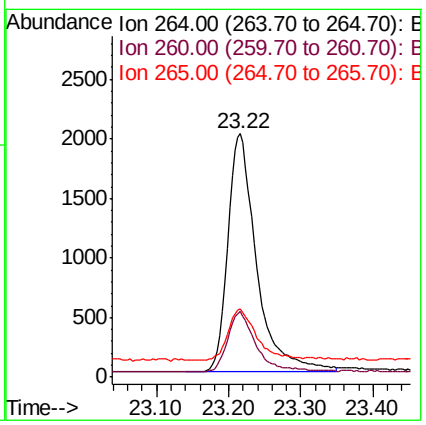


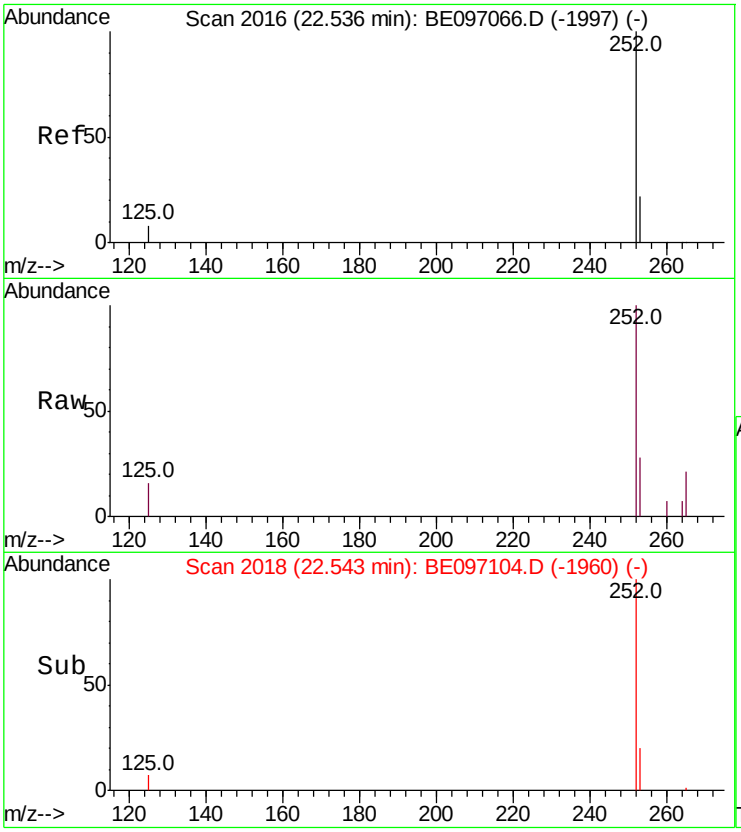


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:264 Resp: 5402

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.5	30.7
265	27.9	22.8	34.2



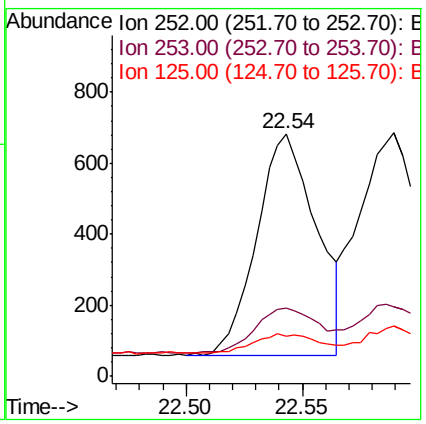


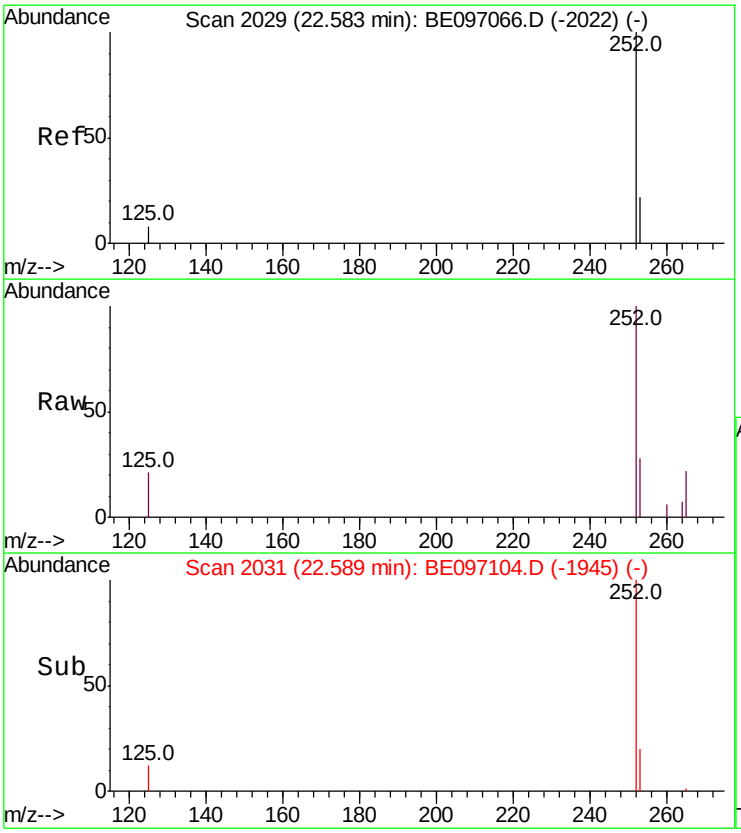
#35
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 22.54 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1112

Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.0	30.0
125	16.2	16.0	24.0

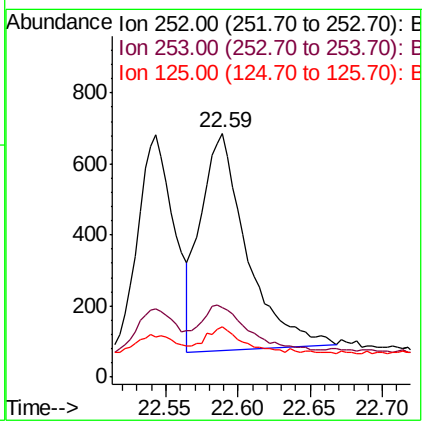


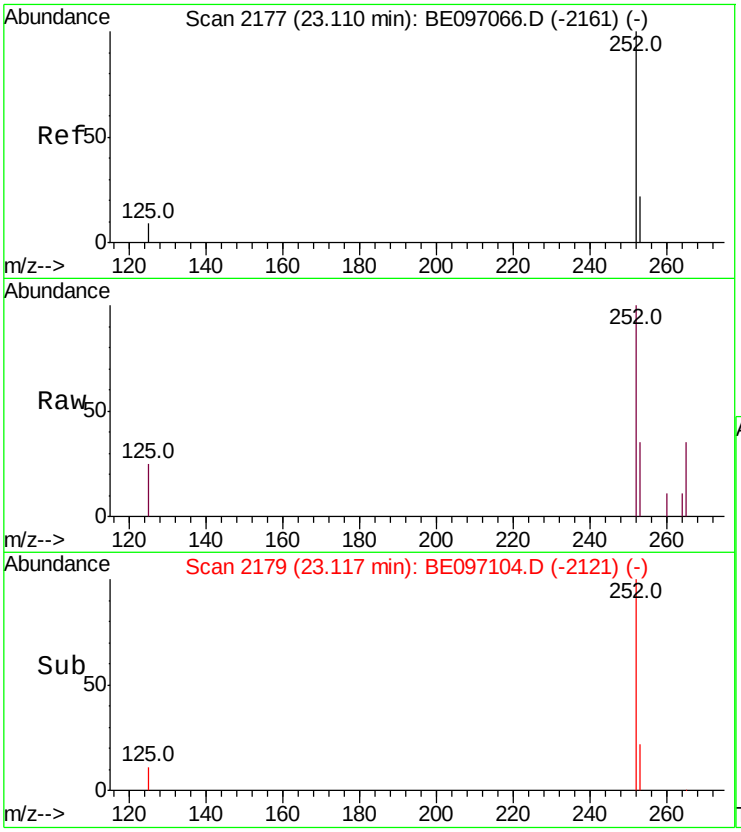


#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 22.59 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:252 Resp: 1356

Ion	Ratio	Lower	Upper
252	100		
253	28.4	16.0	24.0#
125	20.7	8.0	12.0#



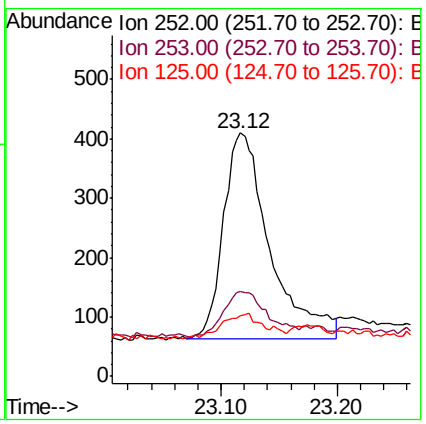


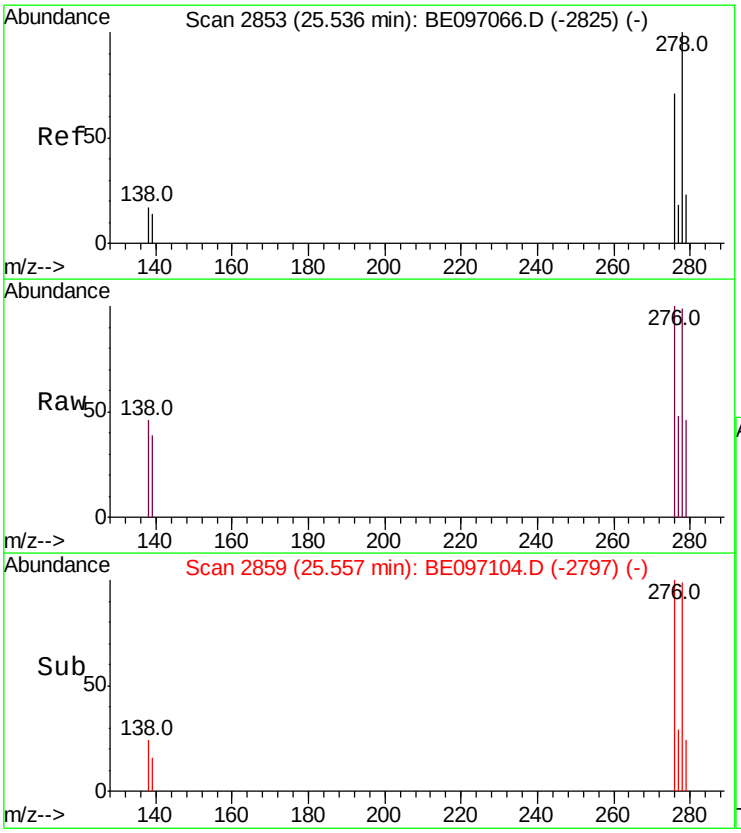
#37
Benzo(a)pyrene
Concen: 0.075 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 964

Ion	Ratio	Lower	Upper
252	100		
253	35.1	16.0	24.0#
125	24.9	12.0	18.0#

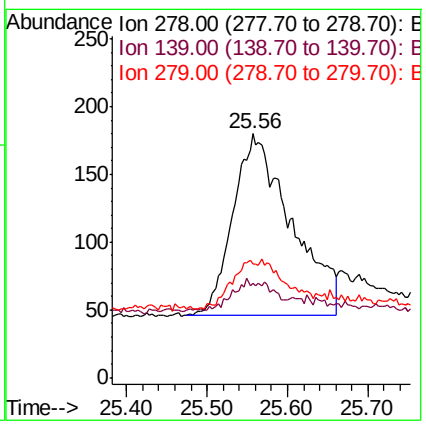


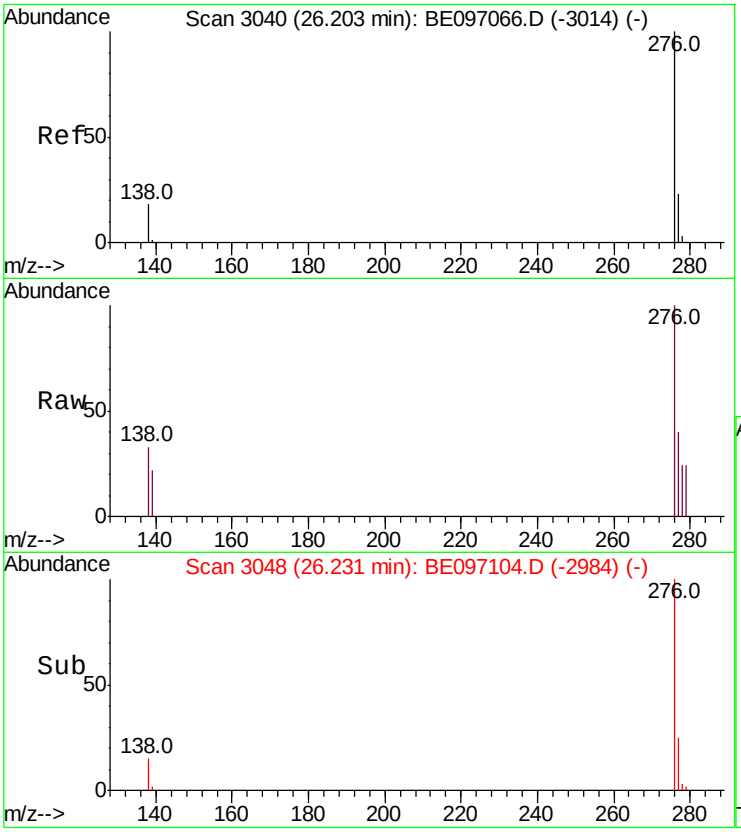


#38
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 25.56 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion:278 Resp: 677

Ion	Ratio	Lower	Upper
278	100		
139	38.9	16.0	24.0#
279	46.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.073 ng
RT: 26.23 min Scan# 3048
Delta R.T. 0.03 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 991

Ion	Ratio	Lower	Upper
276	100		
277	40.1	16.0	24.0#
138	33.2	20.0	30.0#