Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097489.D
Acq On : 17 Sep 2018 10:02
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Sep 17 13:06:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 13:06:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	813	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3703	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	2230	0.40	ng		0.01
19) Phenanthrene-d10	16.76	188	5787	0.40	ng		0.00
27) Chrysene-d12	20.98	240	7311	0.40	ng		0.01
34) Perylene-d12	23.22	264	7464	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	364	0.15	ng		0.00
5) Phenol-d6	6.61	99	419	0.13	ng		0.00
8) Nitrobenzene-d5	8.53	82	366	0.14	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	533	0.10	ng		0.01
14) 2,4,6-Tribromophenol	15.53	330	133	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	853	0.10	ng		0.01
25) Fluoranthene-d10	18.81	212	7619	0.11	ng		0.00
29) Terphenyl-d14	19.42	244	1611	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	175	0.121	ng		90
3) n-Nitrosodimethylamine	3.38	42	128	0.095	ng	#	77
6) bis(2-Chloroethyl)ether	6.84	93	288	0.097	ng	#	71
9) Naphthalene	10.18	128	3685	0.109	ng	#	94
10) Hexachlorobutadiene	10.47	225	186	0.123	ng		96
12) 2-Methylnaphthalene	11.80	142	567	0.107	ng	#	92
16) Acenaphthylene	13.73	152	1090	0.123	ng		98
17) Acenaphthene	14.07	154	648	0.110	ng		94
18) Fluorene	15.07	166	827	0.111	ng	#	81
20) 4-Bromophenyl-phenylether	15.97	248	317	0.120	ng	#	81
21) Hexachlorobenzene	16.08	284	333	0.114	ng	#	88
22) Pentachlorophenol	16.47	266	47	0.059	ng		96
23) Phenanthrene	16.81	178	1464	0.106	ng		96
24) Anthracene	16.90	178	1352	0.115	ng		95
26) Fluoranthene	18.84	202	1966	0.114	ng		99
28) Pyrene	19.21	202	2121	0.122	ng		99
30) Benzo(a)anthracene	20.97	228	2157	0.117	ng		97
31) Chrysene	21.01	228	2203	0.111	ng		92
32) Bis(2-ethylhexyl)phthalate	20.92	149	4040	0.162	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.53	276	2575	0.091	ng		97
35) Benzo(b)fluoranthene	22.54	252	2191	0.103	ng	#	87
36) Benzo(k)fluoranthene	22.59	252	2249	0.095	ng	#	69
37) Benzo(a)pyrene	23.12	252	2090	0.109	ng	#	64
38) Dibenzo(a,h)anthracene	25.55	278	2111	0.083	ng	#	75
39) Benzo(g,h,i)perylene	26.23	276	2246	0.086	ng	#	75

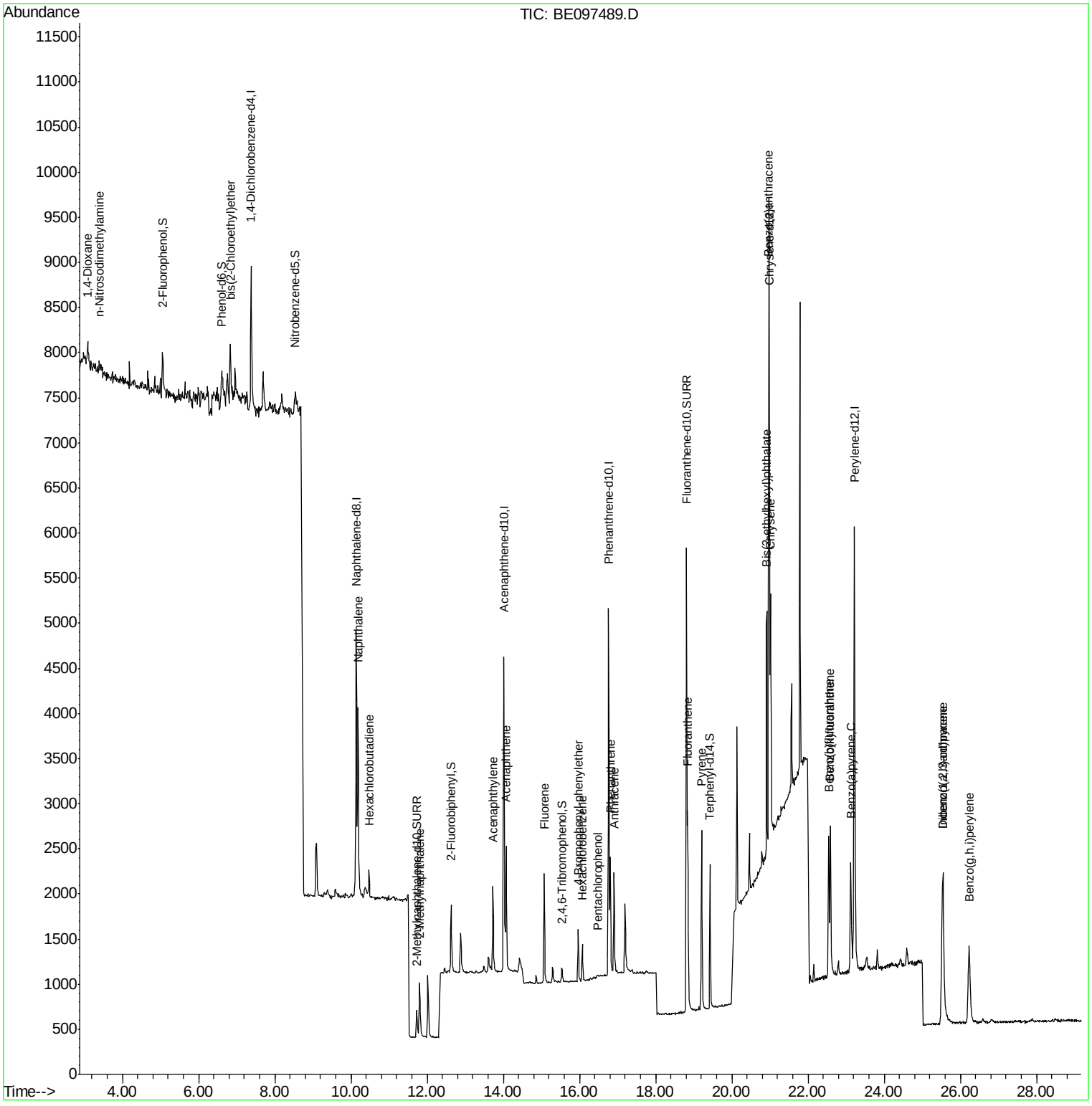
(#) = qualifier out of range (m) = manual integration (+) = signals summed

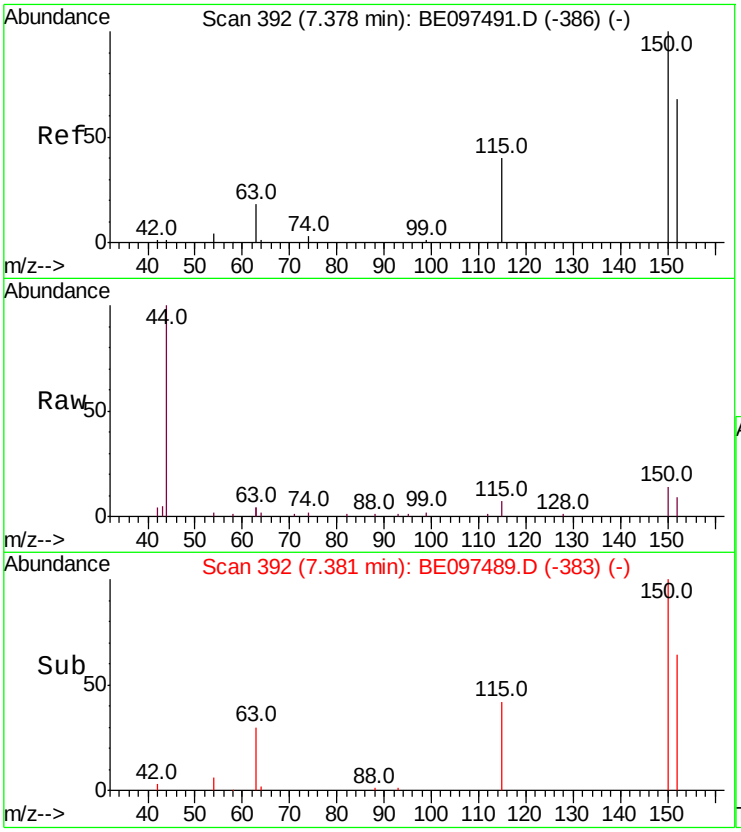
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097489.D
Acq On : 17 Sep 2018 10:02
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 17 13:06:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 13:06:03 2018
Response via : Initial Calibration



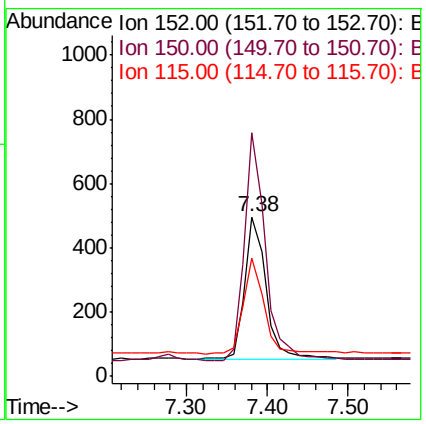


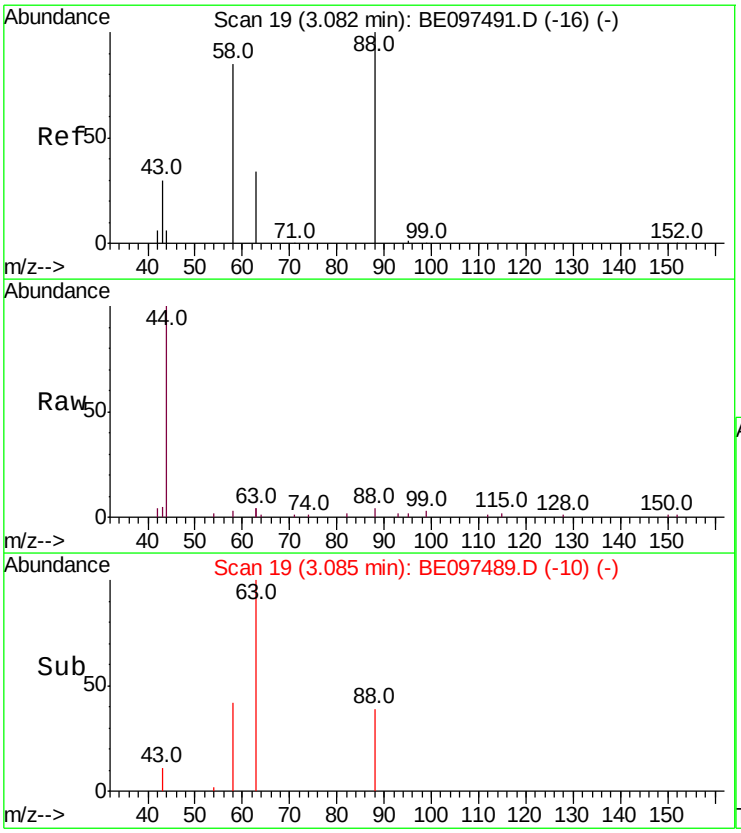
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 813

Ion	Ratio	Lower	Upper
152	100		
150	152.5	117.2	175.8
115	73.6	57.0	85.6

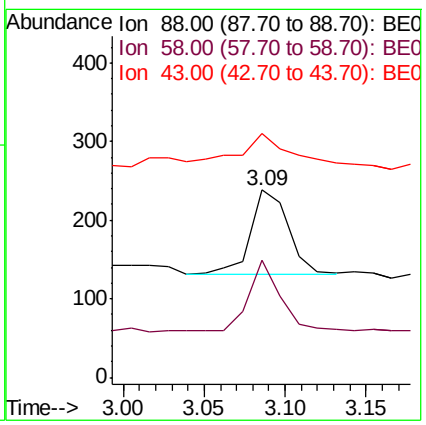


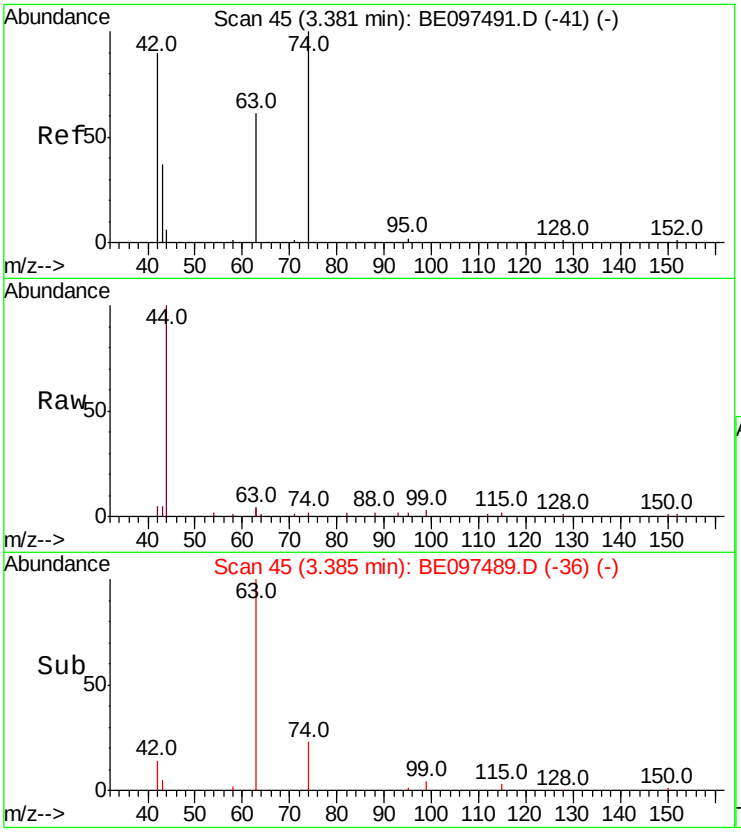


#2
1,4-Dioxane
Concen: 0.121 ng
RT: 3.09 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion: 88 Resp: 175

Ion	Ratio	Lower	Upper
88	100		
58	69.1	63.2	94.8
43	46.3	41.2	61.8



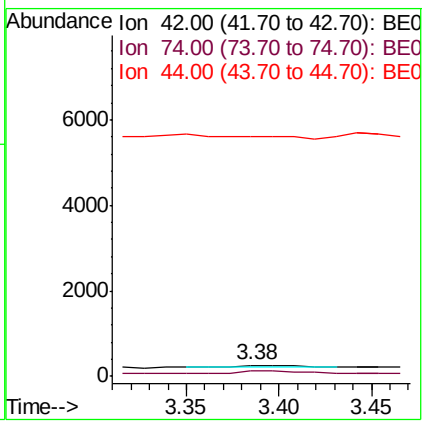


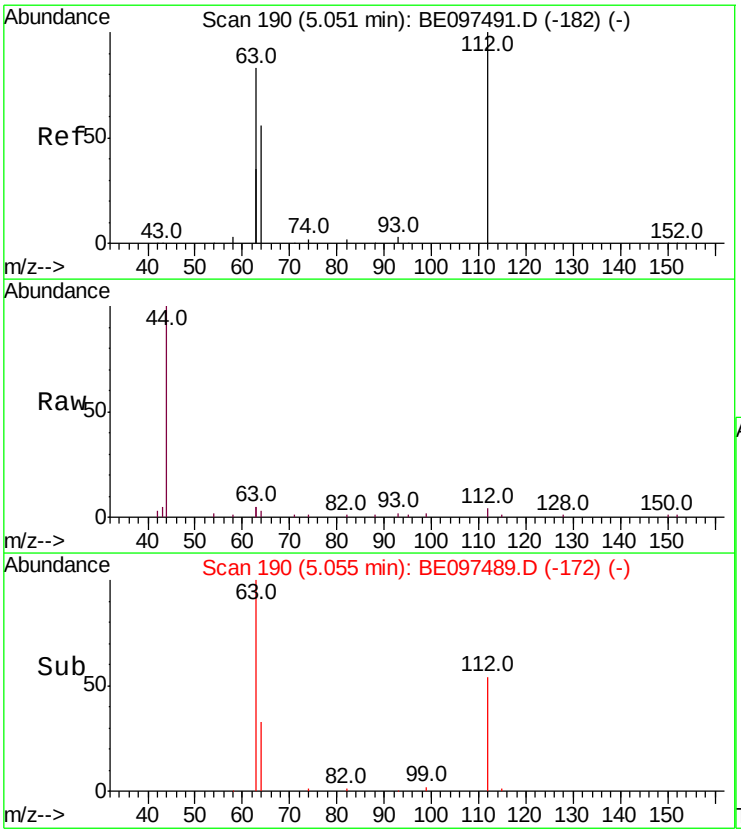
#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 128

Ion	Ratio	Lower	Upper
42	100		
74	143.8	96.0	144.0
44	0.0	12.0	18.0#

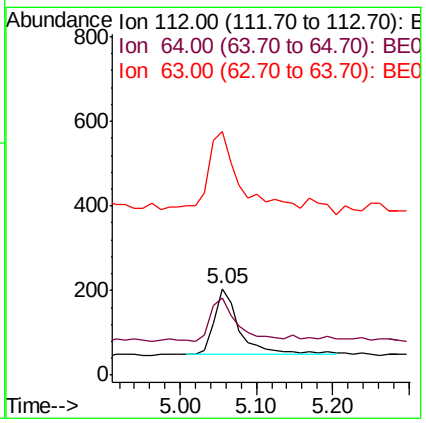


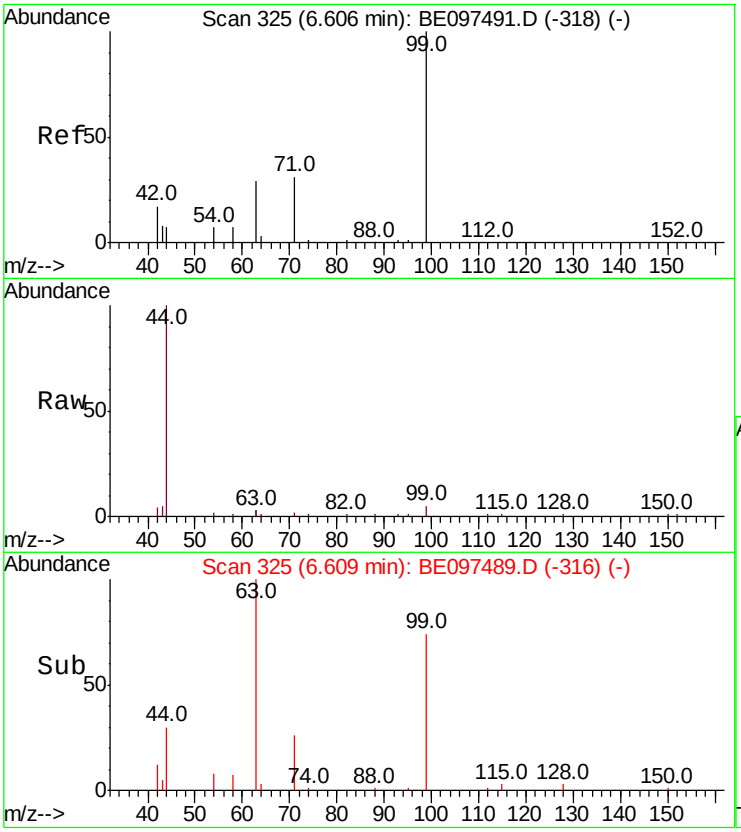


#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:112 Resp: 364

Ion	Ratio	Lower	Upper
112	100		
64	64.3	60.1	90.1
63	150.0	116.8	175.2



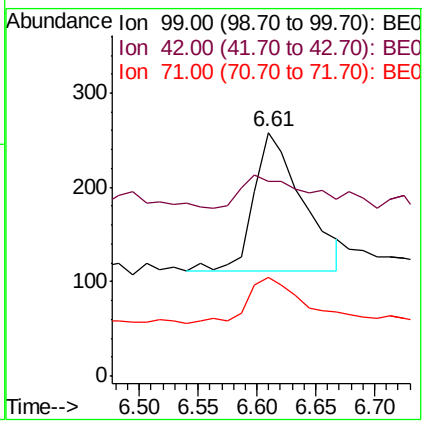


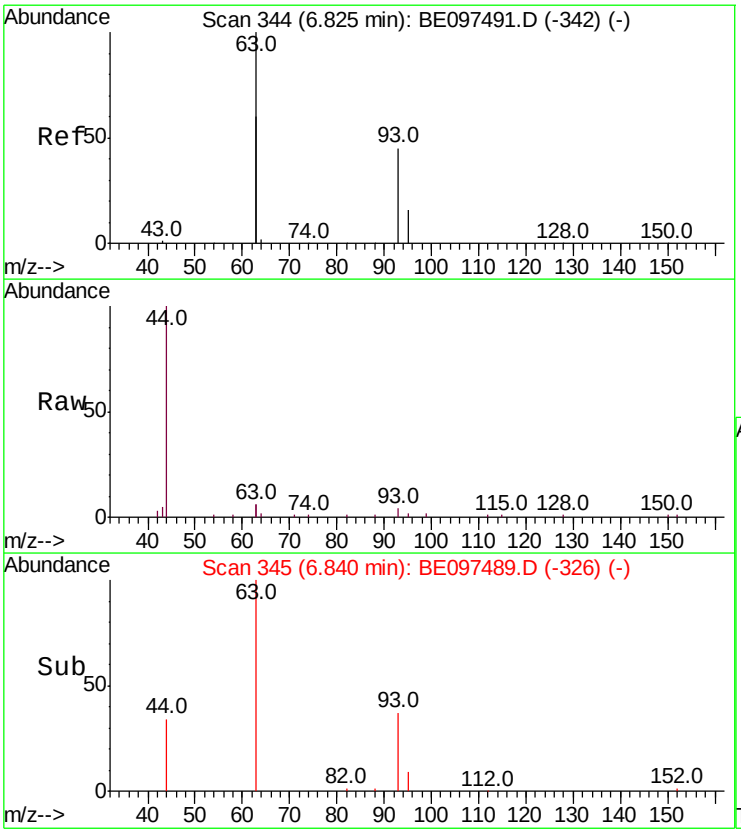
#5
Phenol-d6
Concen: 0.130 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 419

Ion	Ratio	Lower	Upper
99	100		
42	29.4	20.2	30.2
71	36.0	28.4	42.6

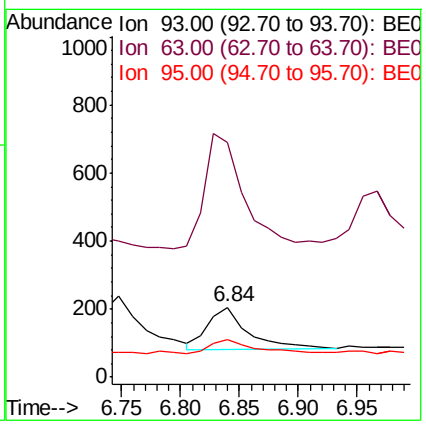


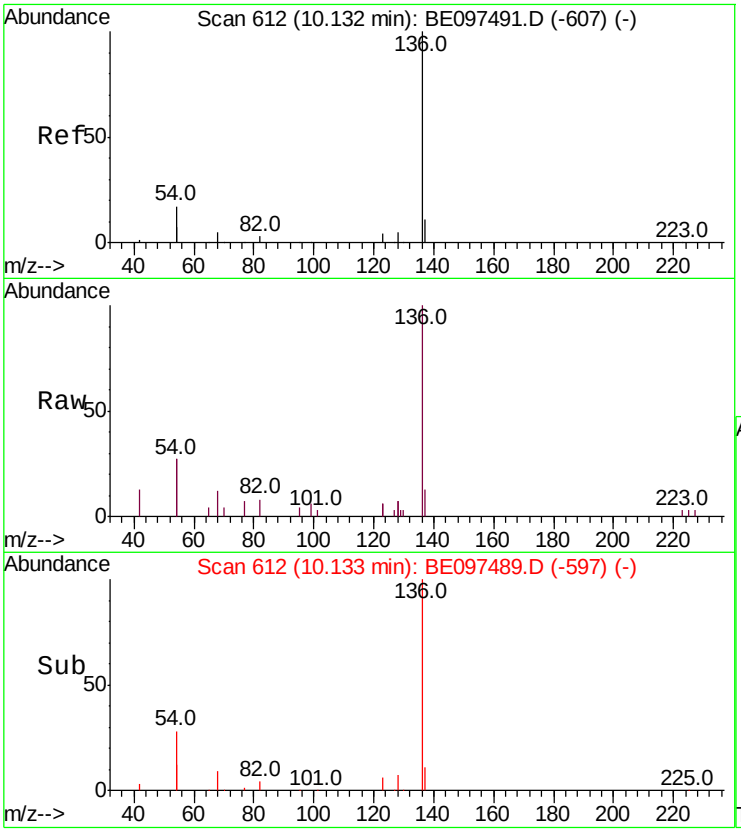


#6
bis(2-Chloroethyl)ether
Concen: 0.097 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion: 93 Resp: 288

Ion	Ratio	Lower	Upper
93	100		
63	278.5	275.3	412.9
95	37.8	25.2	37.8#



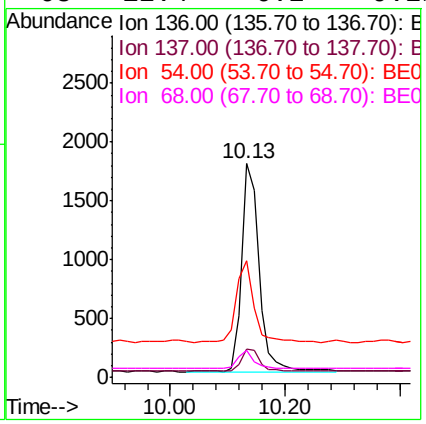


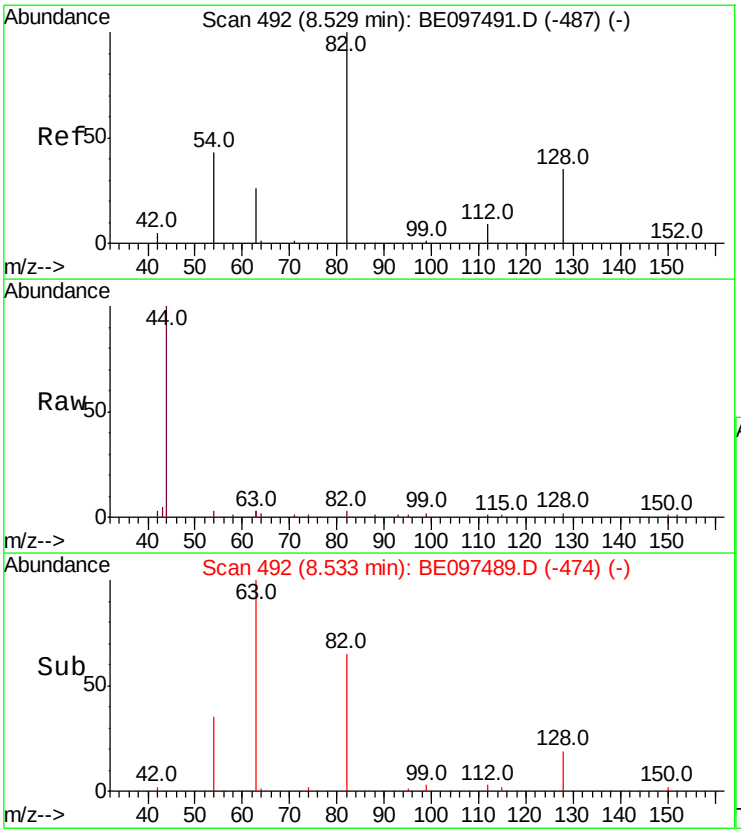
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 3703

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.5	14.3
54	54.7	29.1	43.7#
68	12.4	6.2	9.2#

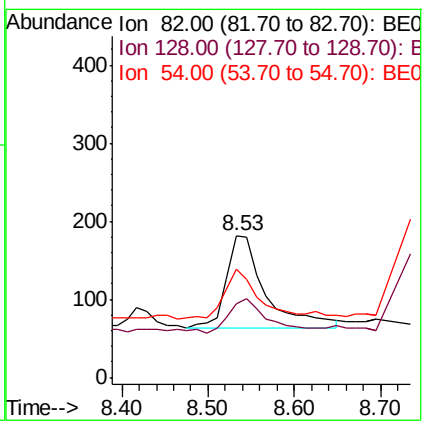


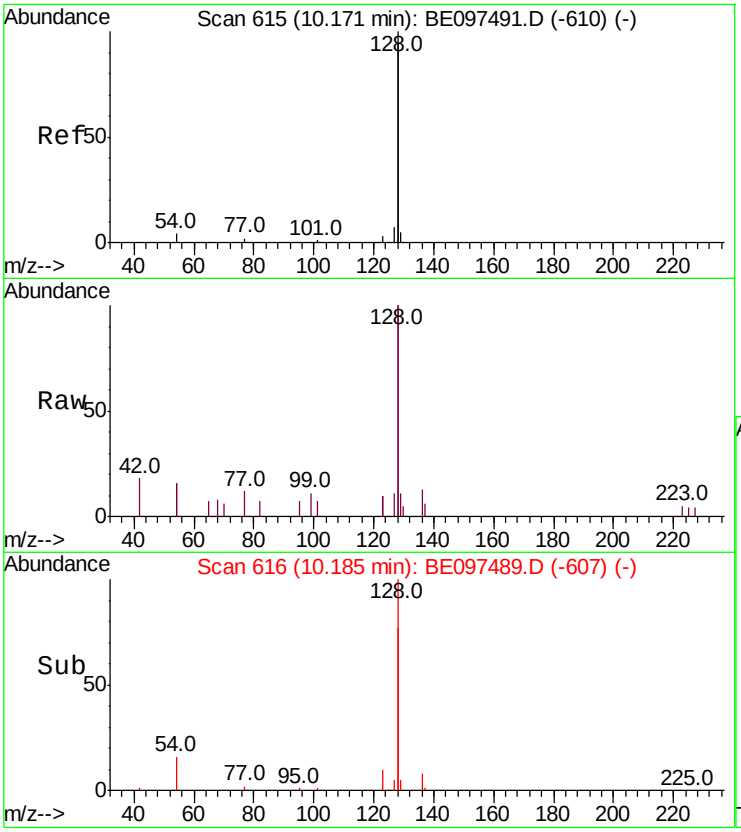


#8
Nitrobenzene-d5
Concen: 0.138 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion: 82 Resp: 366

Ion	Ratio	Lower	Upper
82	100		
128	51.6	24.0	36.0#
54	76.4	40.0	60.0#



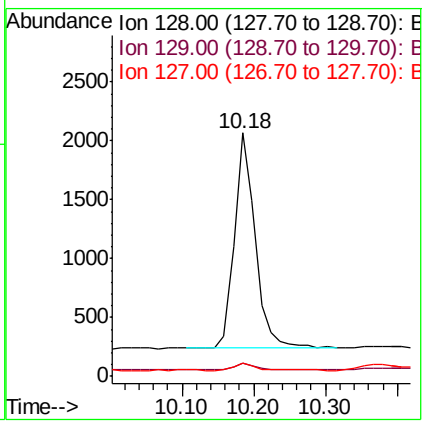


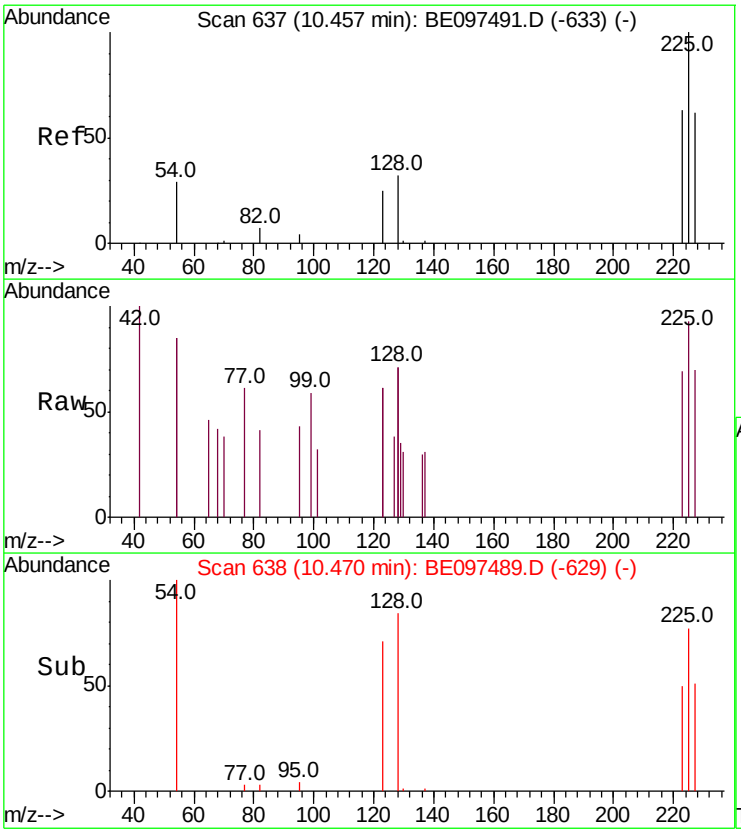
#9
Naphthalene
Concen: 0.109 ng
RT: 10.18 min Scan# 616
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3685

Ion	Ratio	Lower	Upper
128	100		
129	5.4	2.6	3.8#
127	5.3	2.8	4.2#

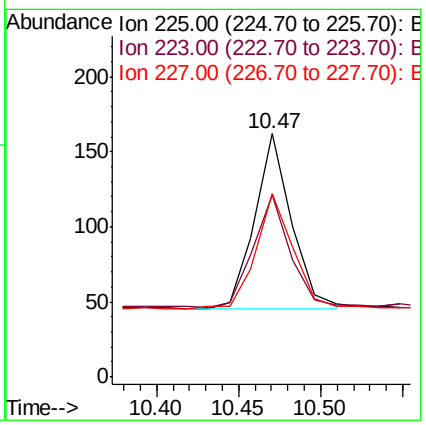


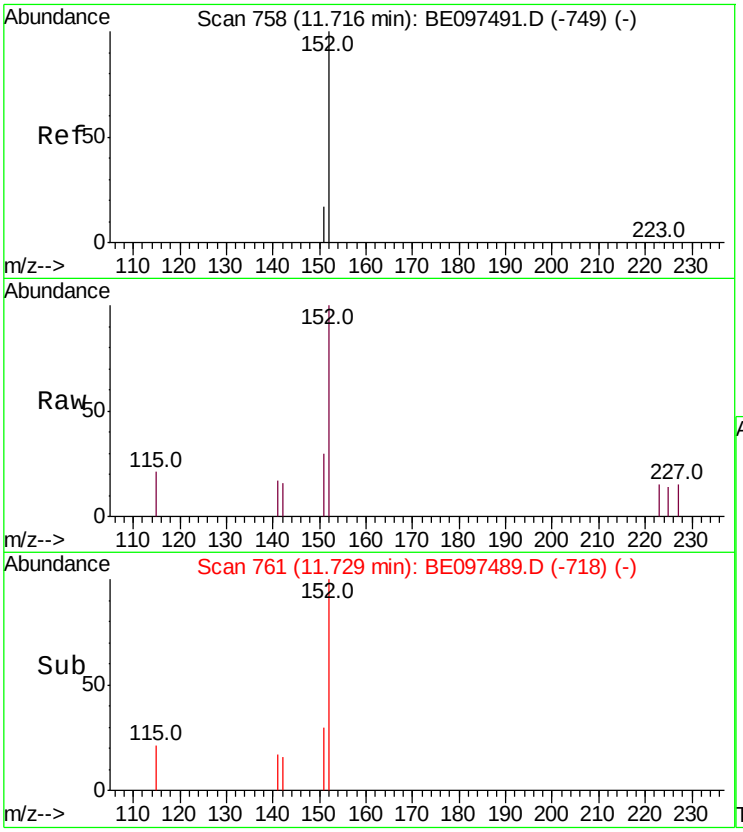


#10
Hexachlorobutadiene
Concen: 0.123 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:225 Resp: 186

Ion	Ratio	Lower	Upper
225	100		
223	61.3	53.0	79.6
227	66.1	51.4	77.2



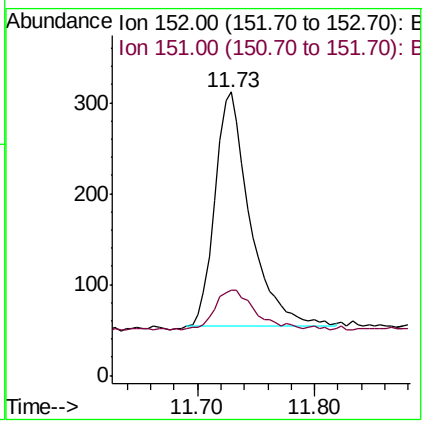


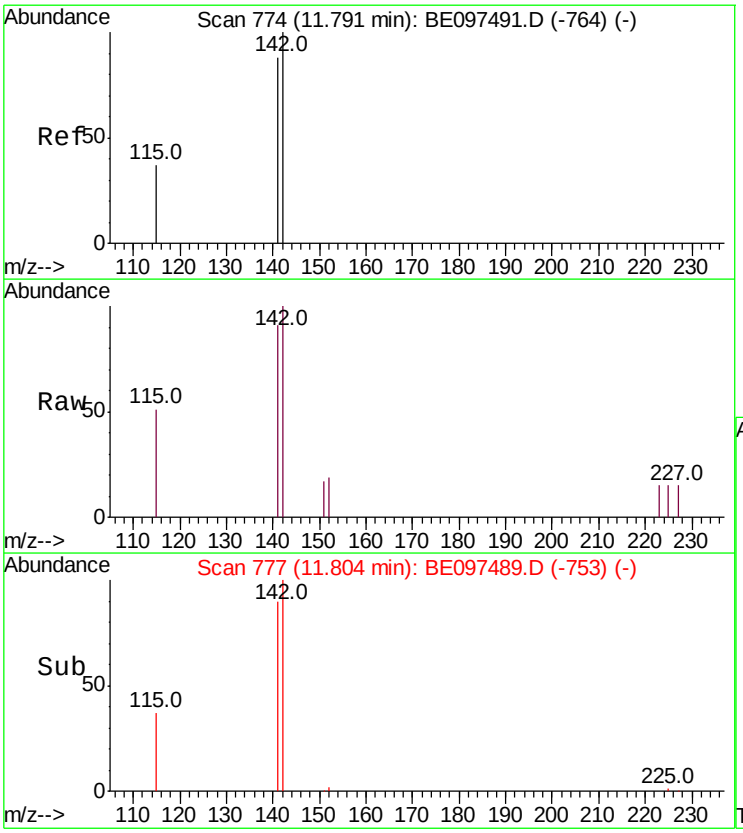
#11
2-Methylnaphthalene-d10
Concen: 0.103 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 533

Ion	Ratio	Lower	Upper
152	100		
151	17.6	15.4	23.0

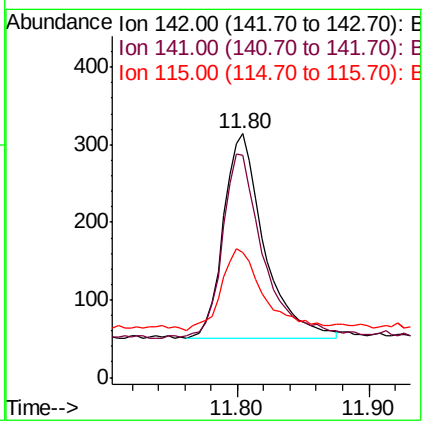


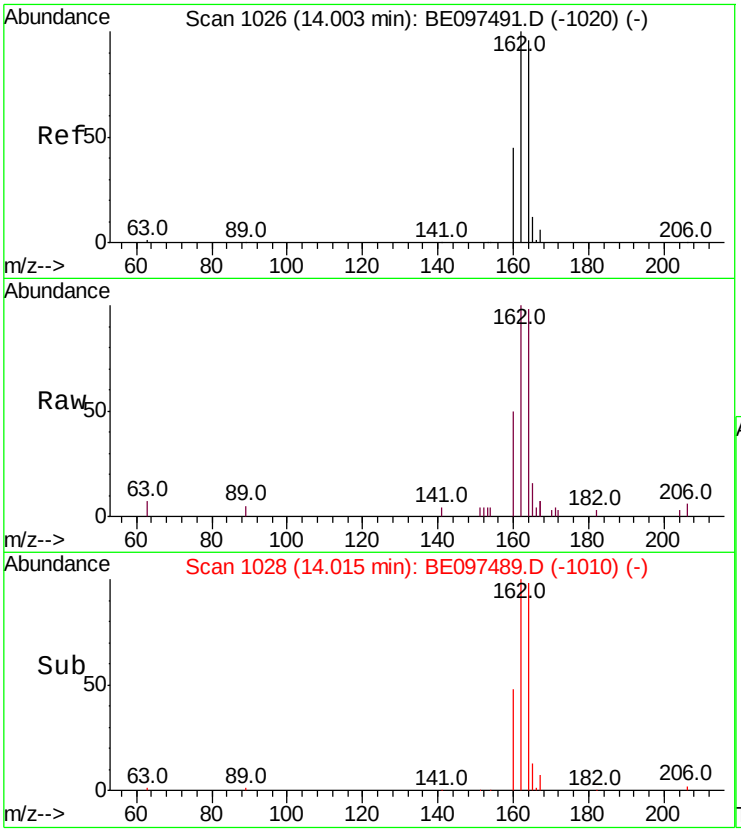


#12
2-Methylnaphthalene
Concen: 0.107 ng
RT: 11.80 min Scan# 777
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:142 Resp: 567

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.4	105.6
115	51.3	31.7	47.5#



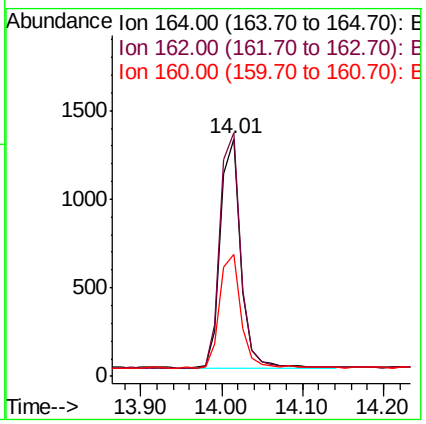


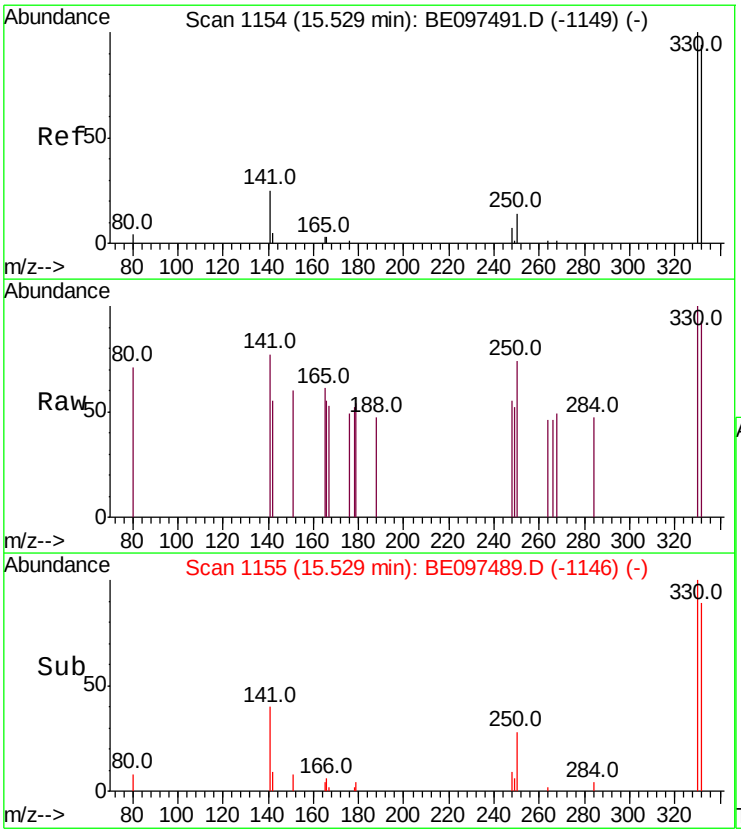
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 2230

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.1	124.7
160	51.4	37.1	55.7

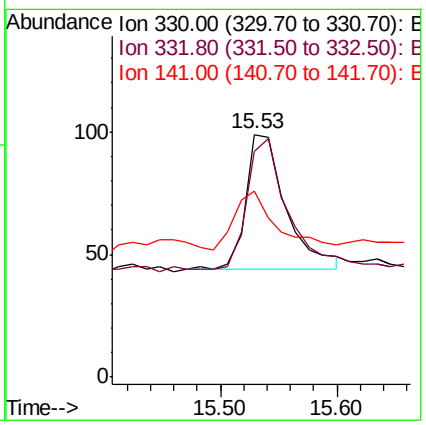


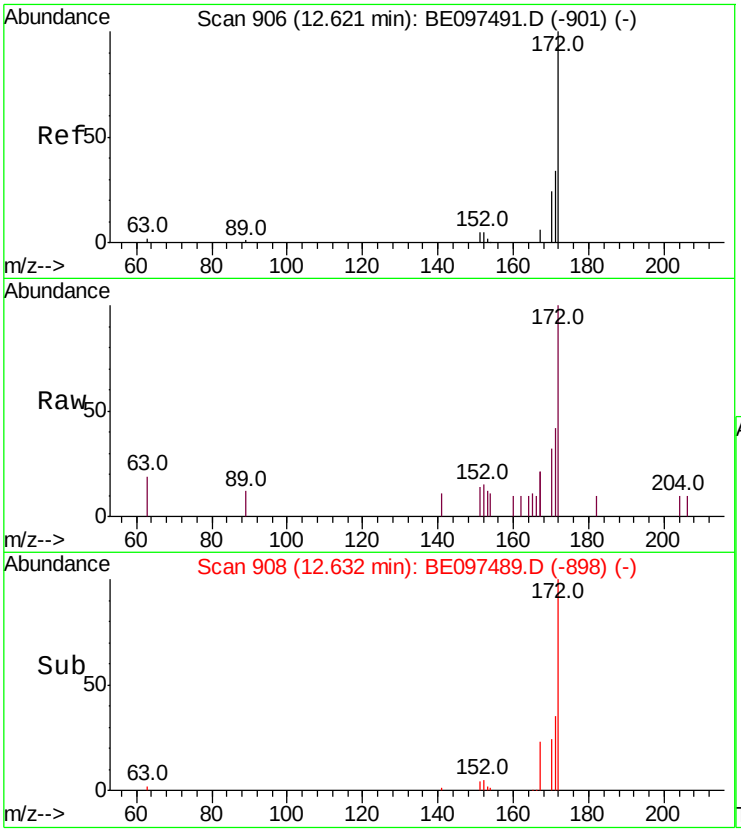


#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:330 Resp: 133

Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	45.1	33.7	50.5



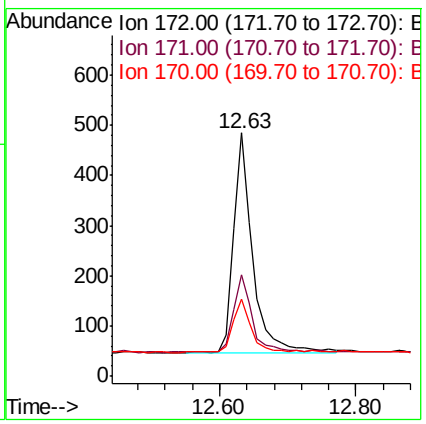


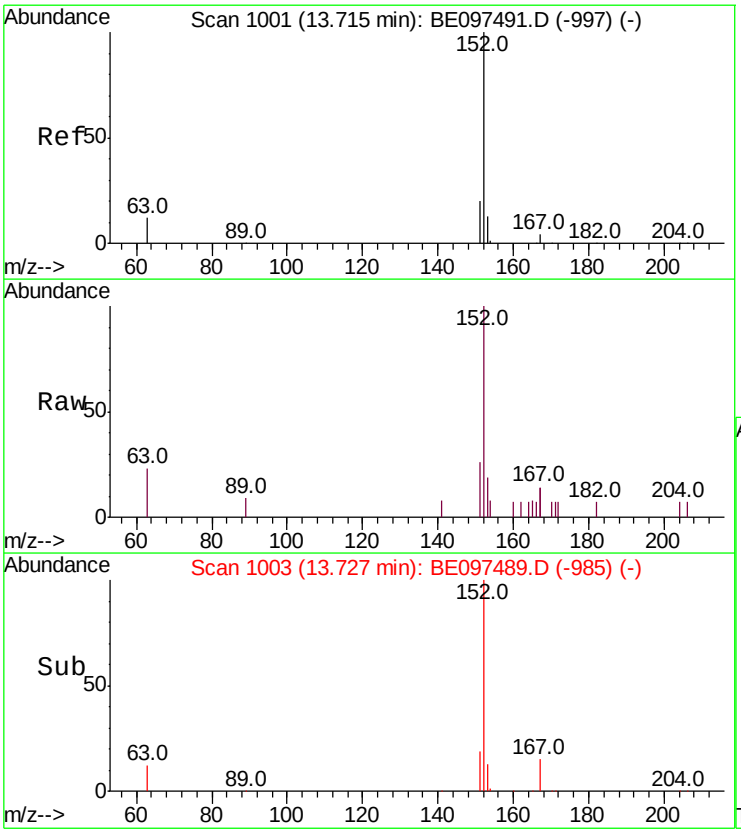
#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 853

Ion	Ratio	Lower	Upper
172	100		
171	41.6	29.9	44.9
170	31.8	21.8	32.8

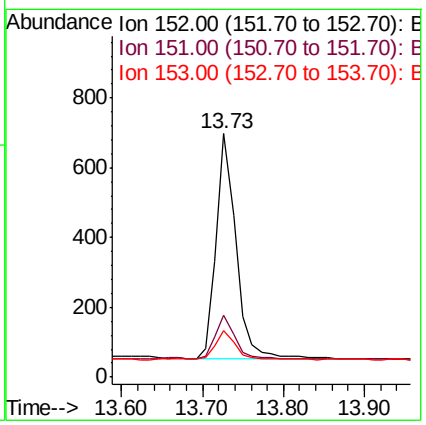


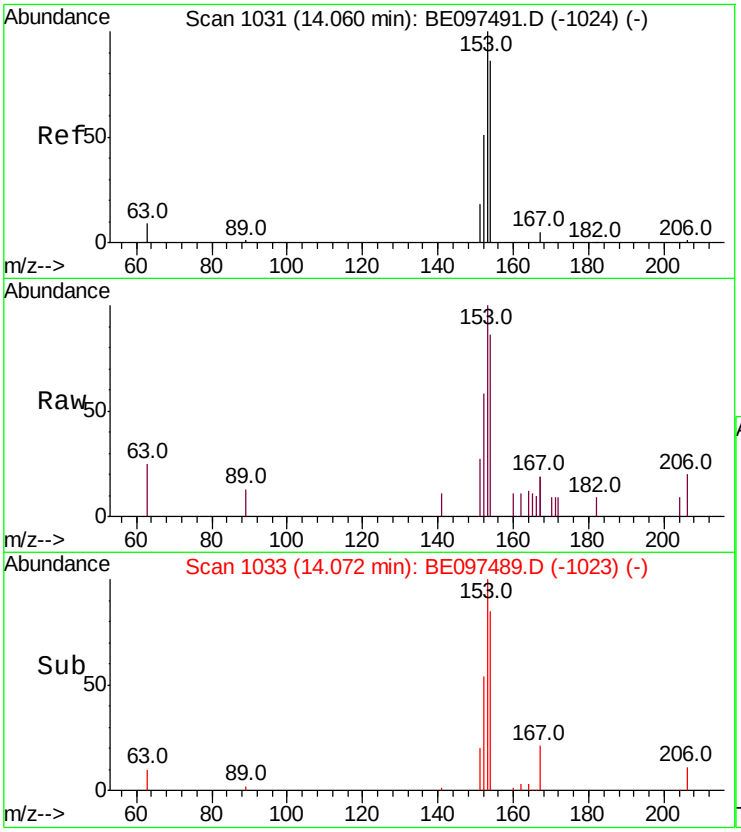


#16
Acenaphthylene
Concen: 0.123 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:152 Resp: 1090

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	15.1	10.5	15.7



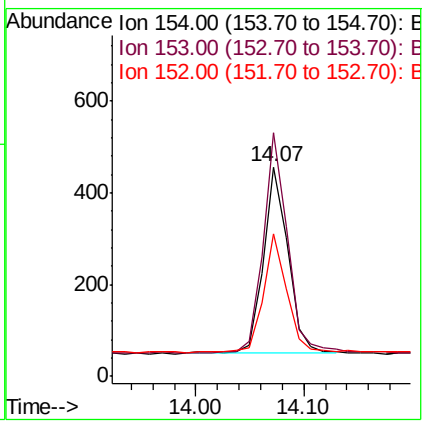


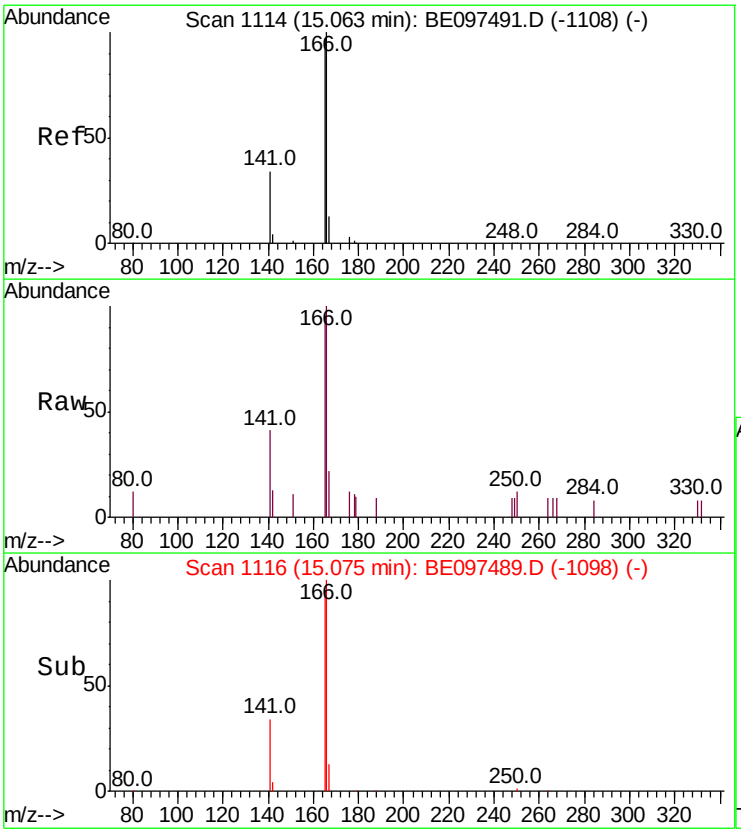
#17
Acenaphthene
Concen: 0.110 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 648

Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.2	133.8
152	60.5	42.0	63.0

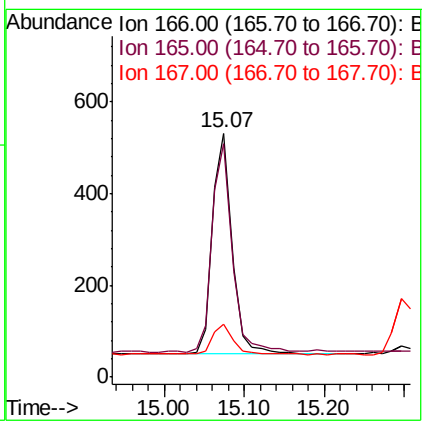


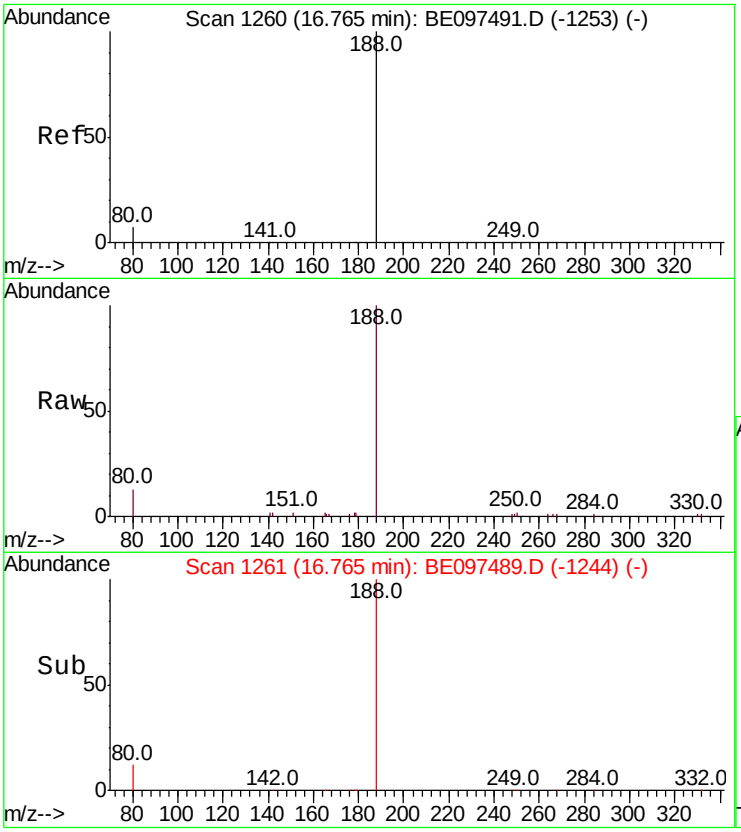


#18
Fluorene
Concen: 0.111 ng
RT: 15.07 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:166 Resp: 827

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.8	116.6
167	15.6	42.4	63.6#



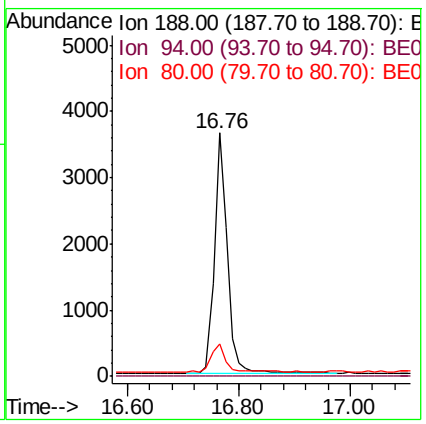


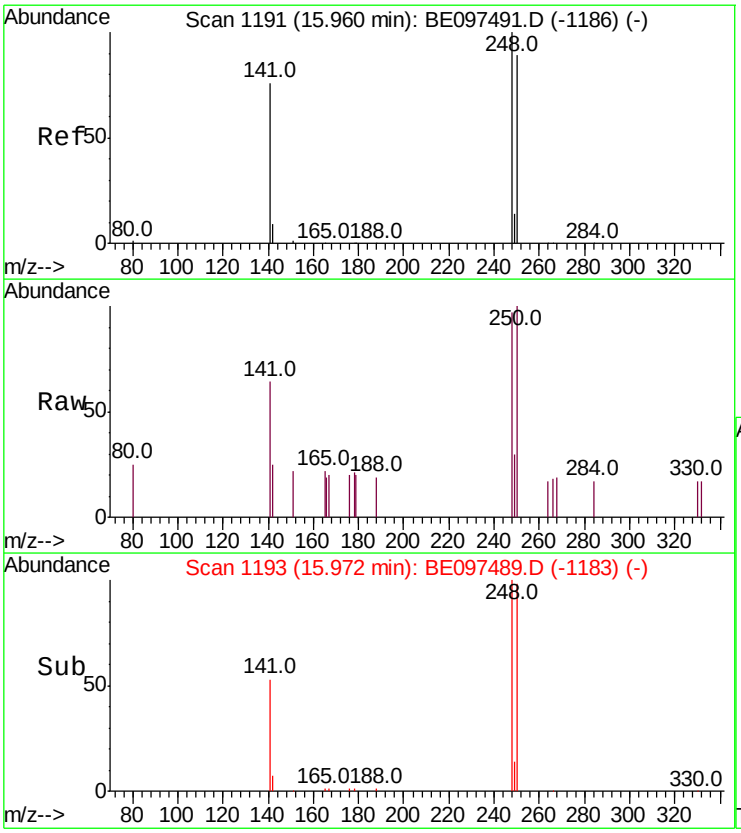
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 5787

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.3	3.6	5.4#

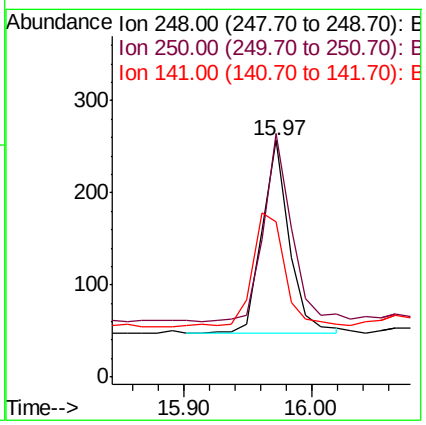


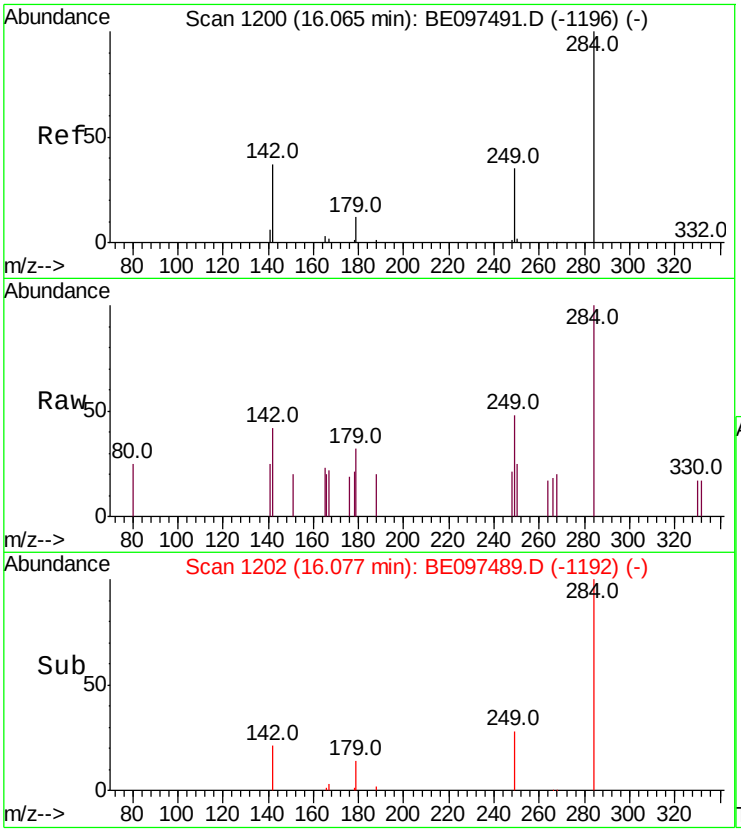


#20
4-Bromophenyl-phenylether
Concen: 0.120 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:248 Resp: 317

Ion	Ratio	Lower	Upper
248	100		
250	102.7	62.7	94.1#
141	65.4	48.2	72.2



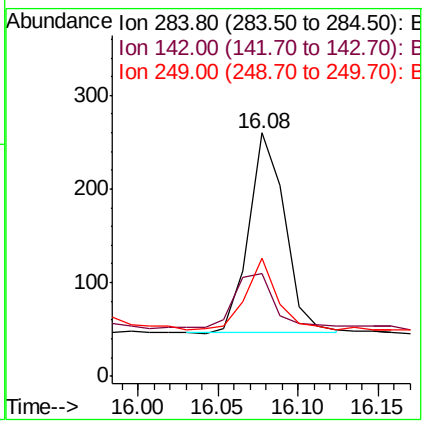


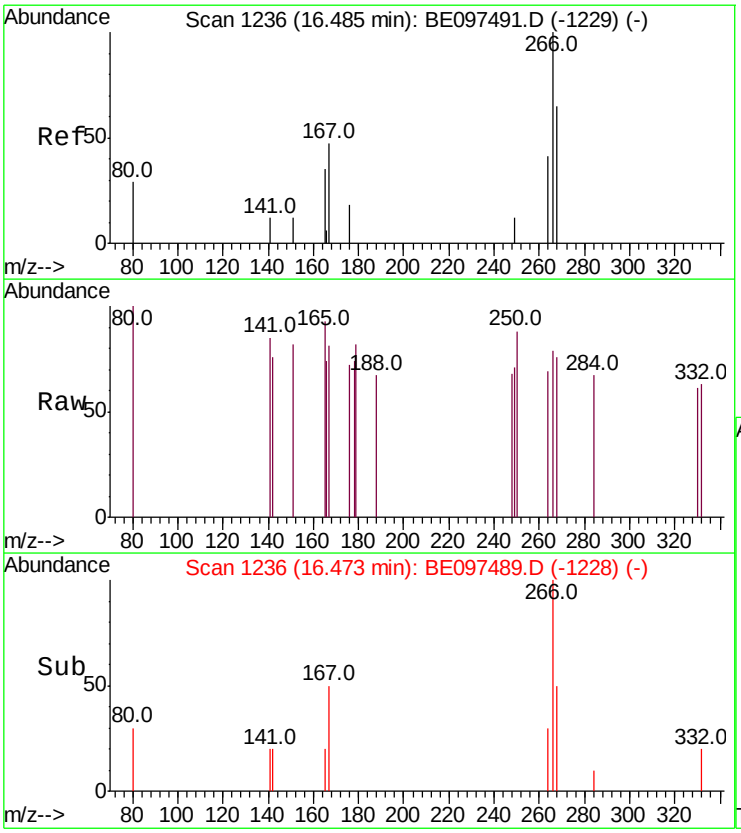
#21
Hexachlorobenzene
Concen: 0.114 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 333

Ion	Ratio	Lower	Upper
284	100		
142	29.4	22.1	33.1
249	32.4	34.8	52.2#

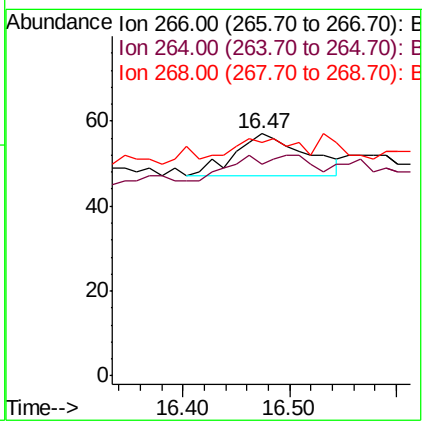


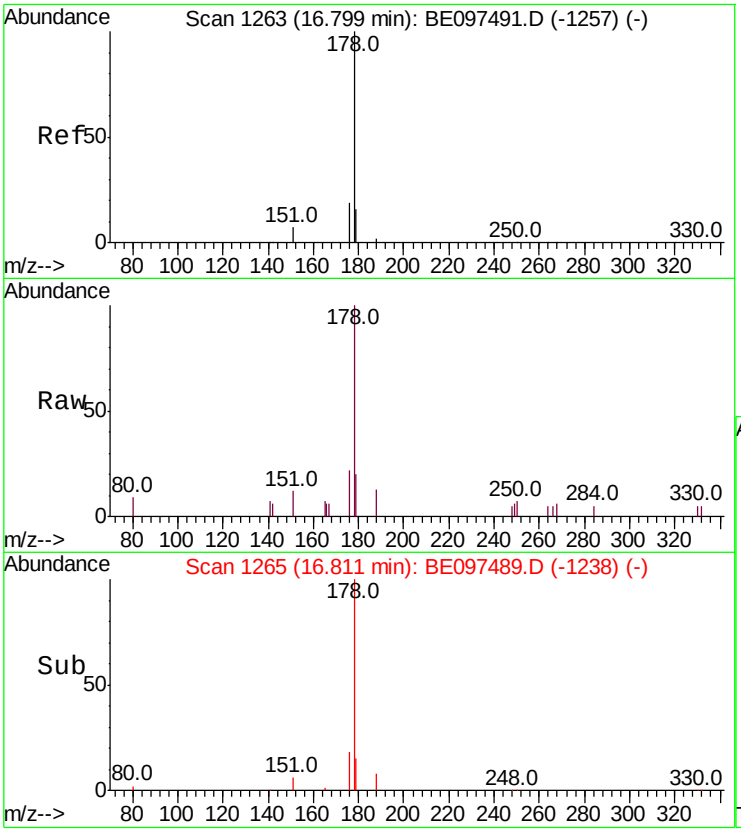


#22
Pentachlorophenol
Concen: 0.059 ng
RT: 16.47 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	87.7	72.5	108.7
268	96.5	73.8	110.6



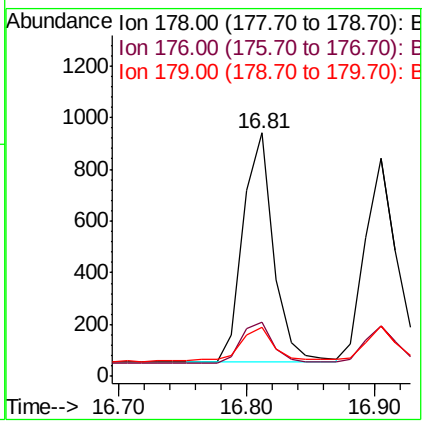


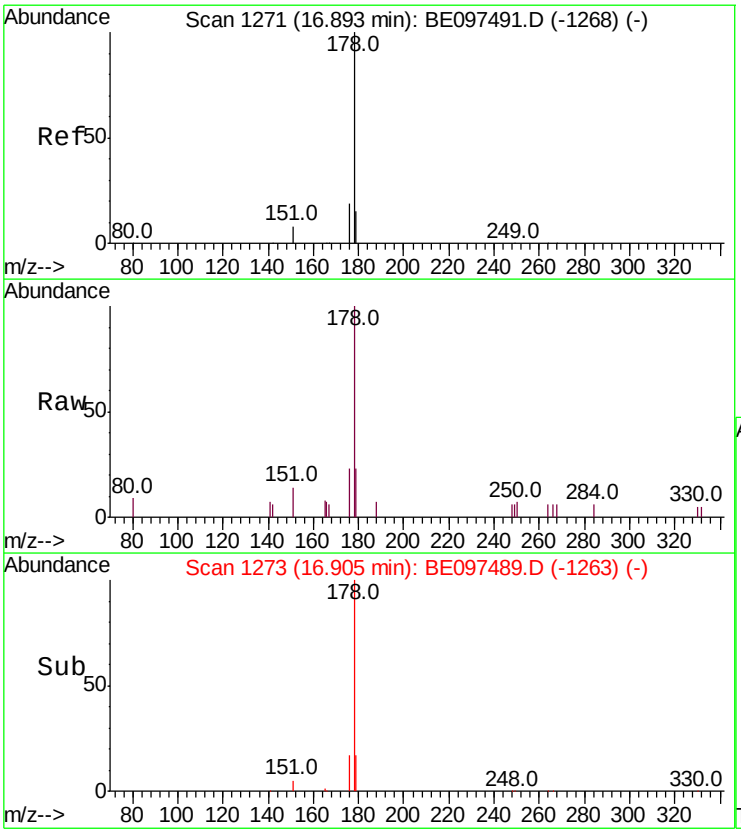
#23
Phenanthrene
Concen: 0.106 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1464

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	17.2	11.8	17.6

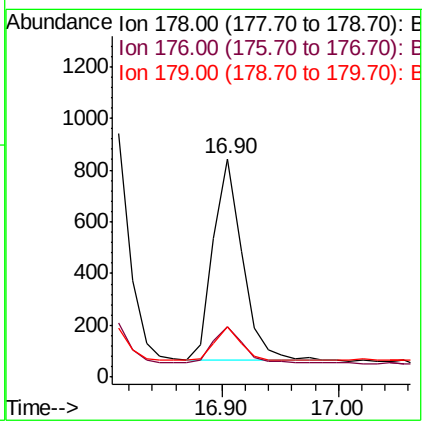


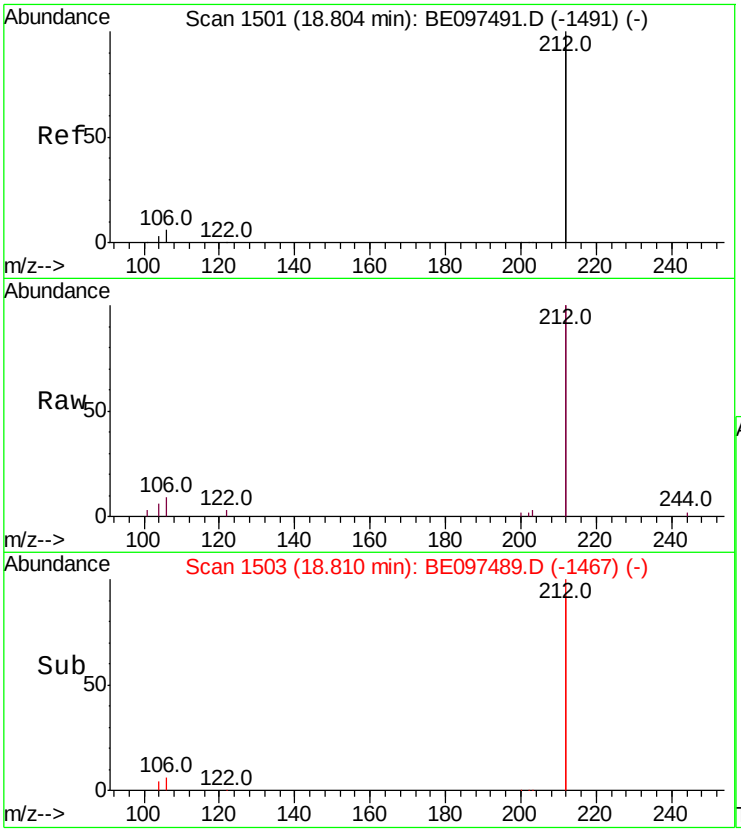


#24
Anthracene
Concen: 0.115 ng
RT: 16.90 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:178 Resp: 1352

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.2	13.0	19.6



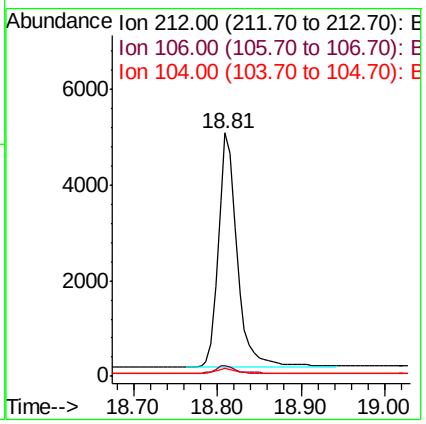


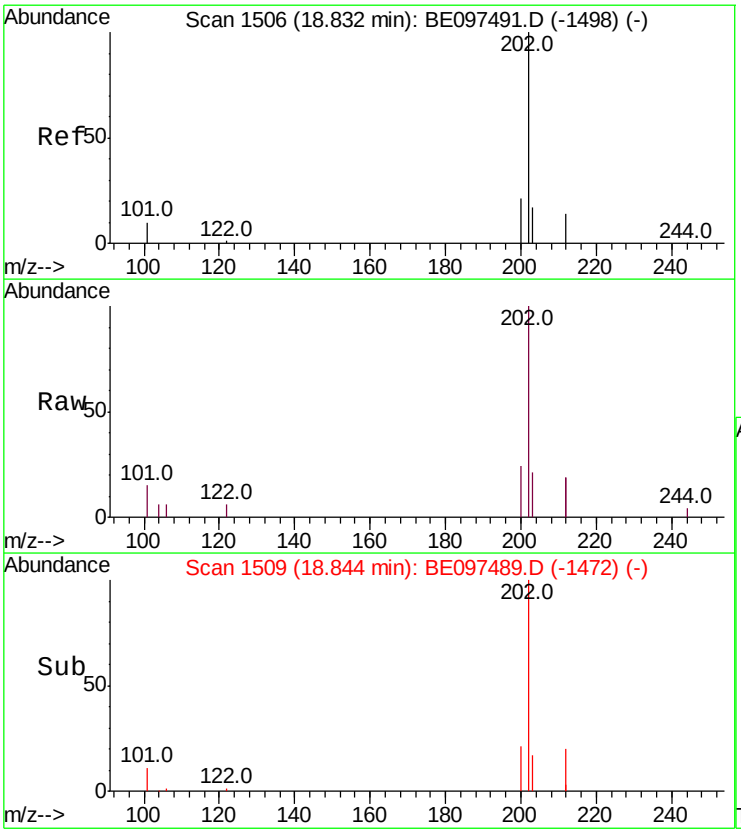
#25
Fluoranthene-d10
Concen: 0.115 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 7619

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4

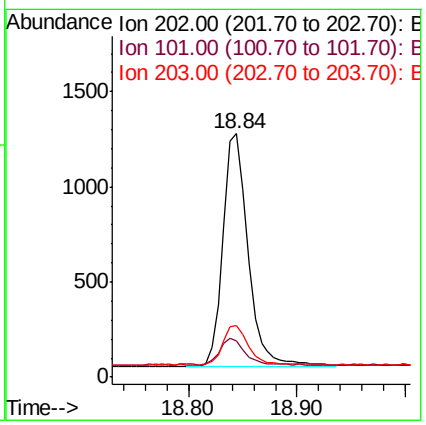


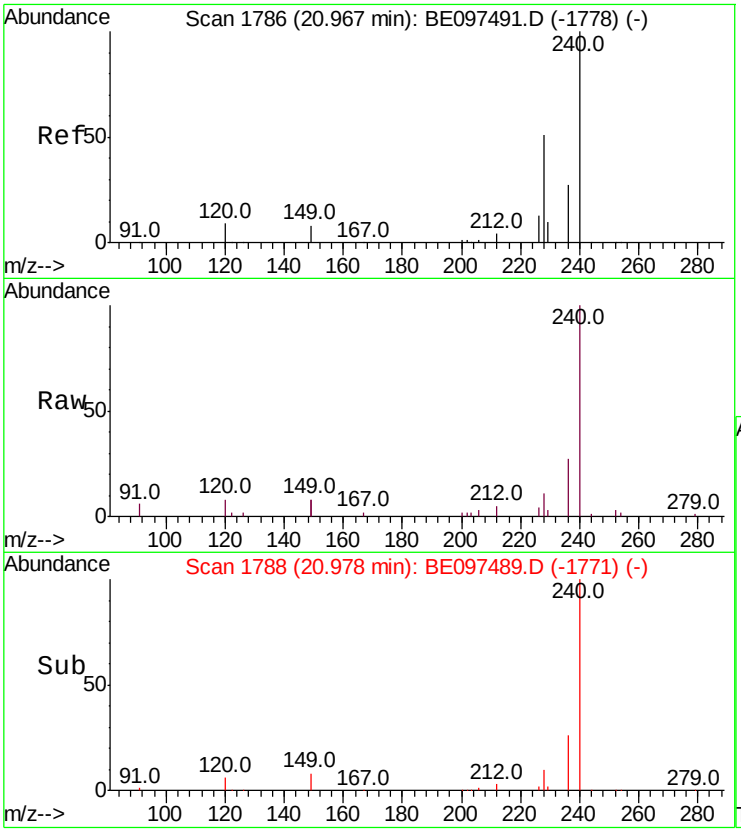


#26
Fluoranthene
Concen: 0.114 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:202 Resp: 1966

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	17.0	13.7	20.5



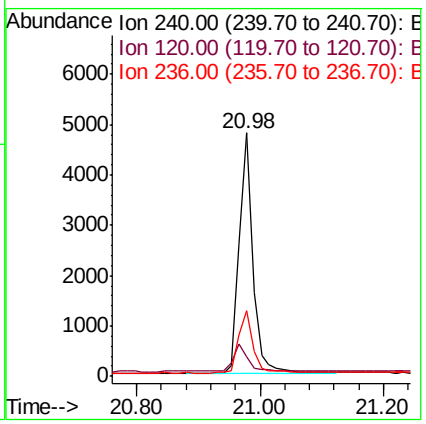


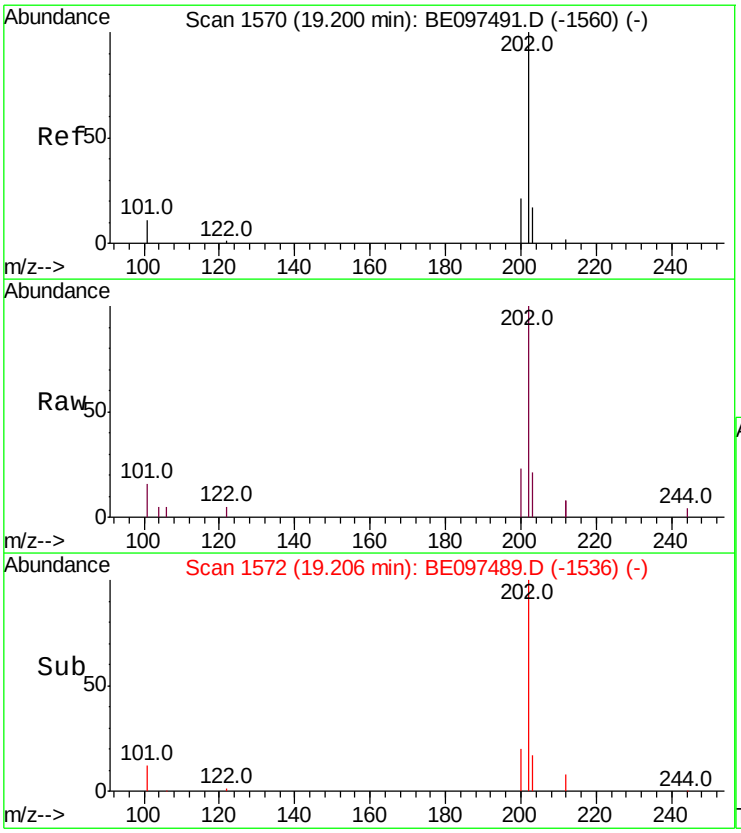
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 7311

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	27.2	20.7	31.1

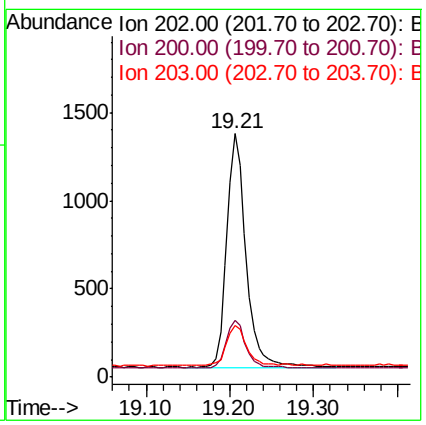


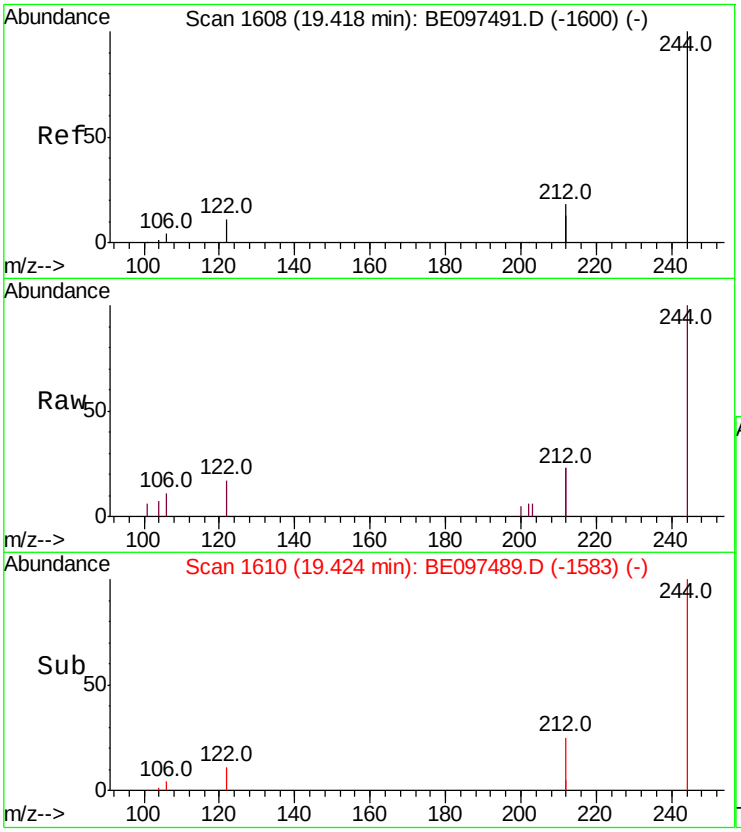


#28
Pyrene
Concen: 0.122 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:202 Resp: 2121

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.1	13.8	20.8



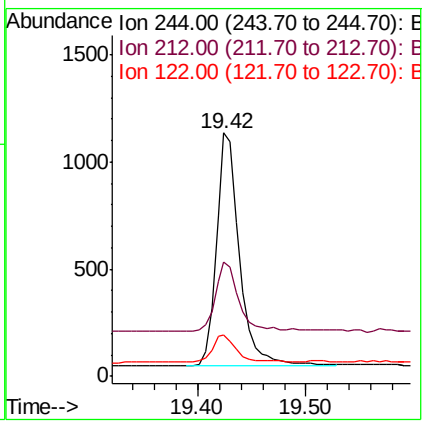


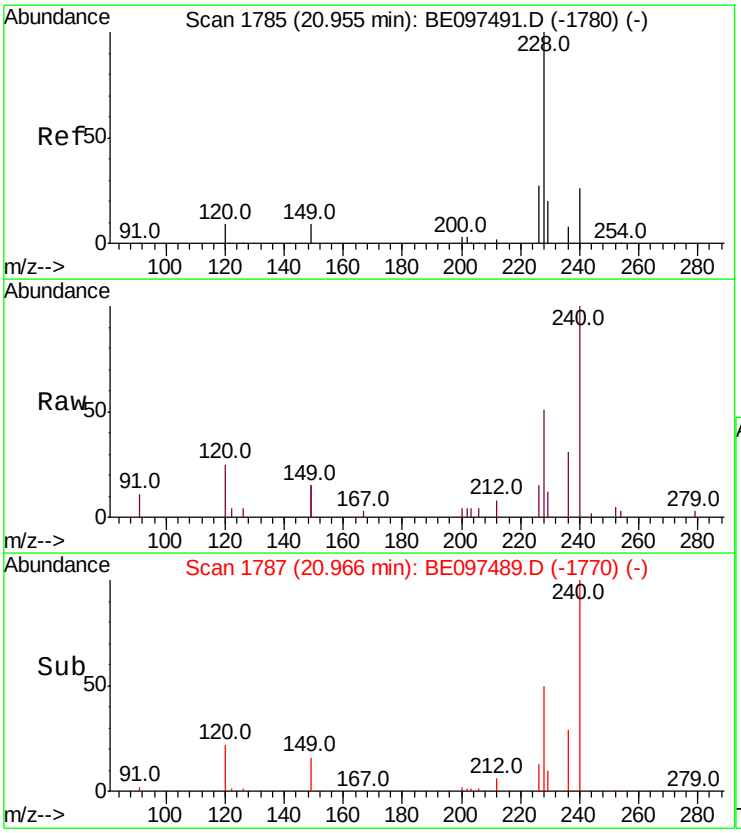
#29
Terphenyl-d14
Concen: 0.119 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1611

Ion	Ratio	Lower	Upper
244	100		
212	46.8	25.4	38.0#
122	17.1	8.1	12.1#

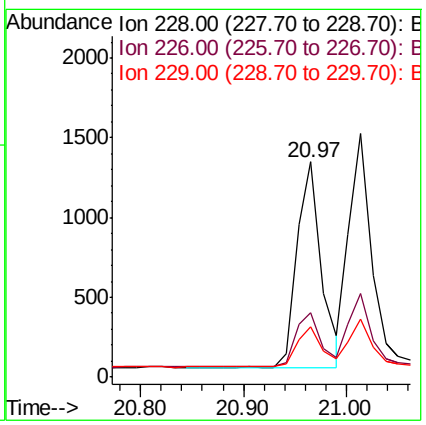


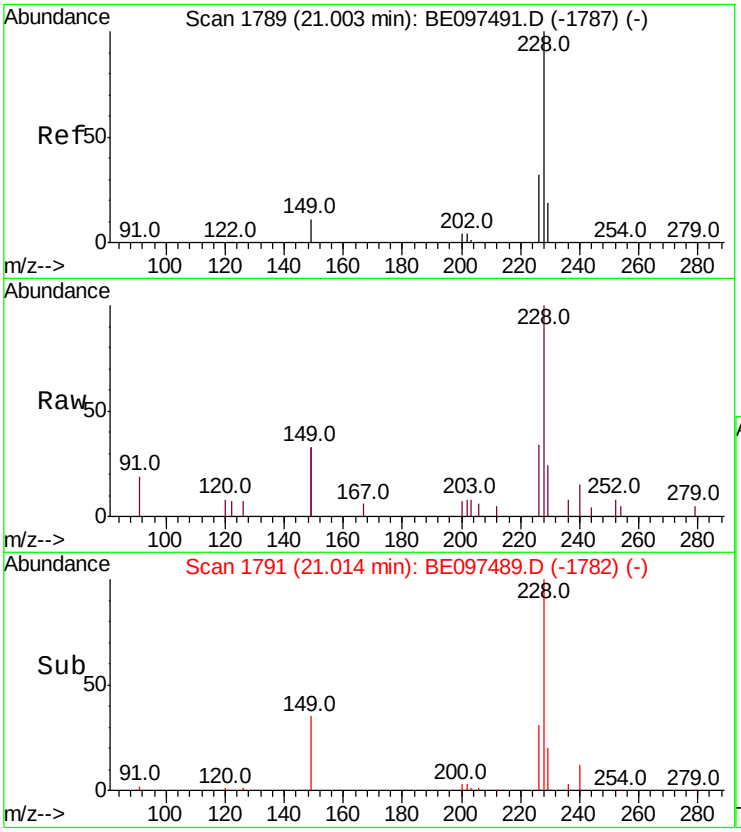


#30
Benzo(a)anthracene
Concen: 0.117 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:228 Resp: 2157

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	23.6	16.0	24.0



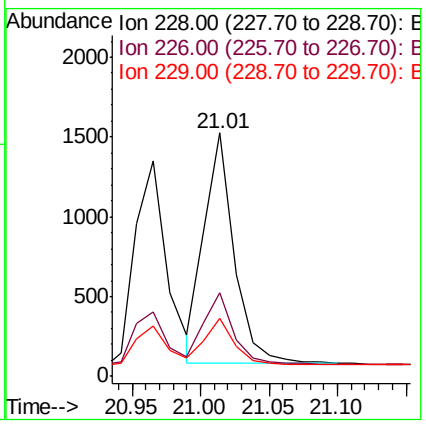


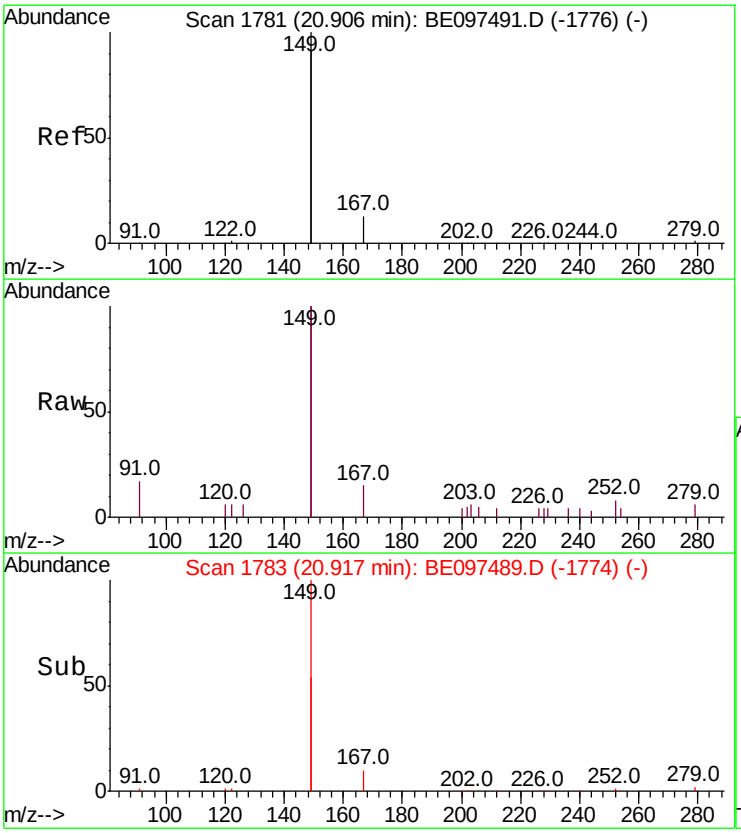
#31
Chrysene
Concen: 0.111 ng
RT: 21.01 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2203

Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.0	36.0
229	23.6	16.0	24.0

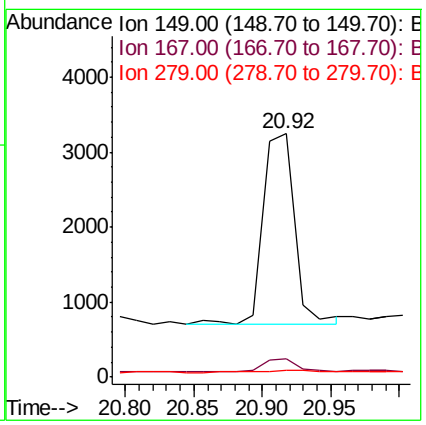


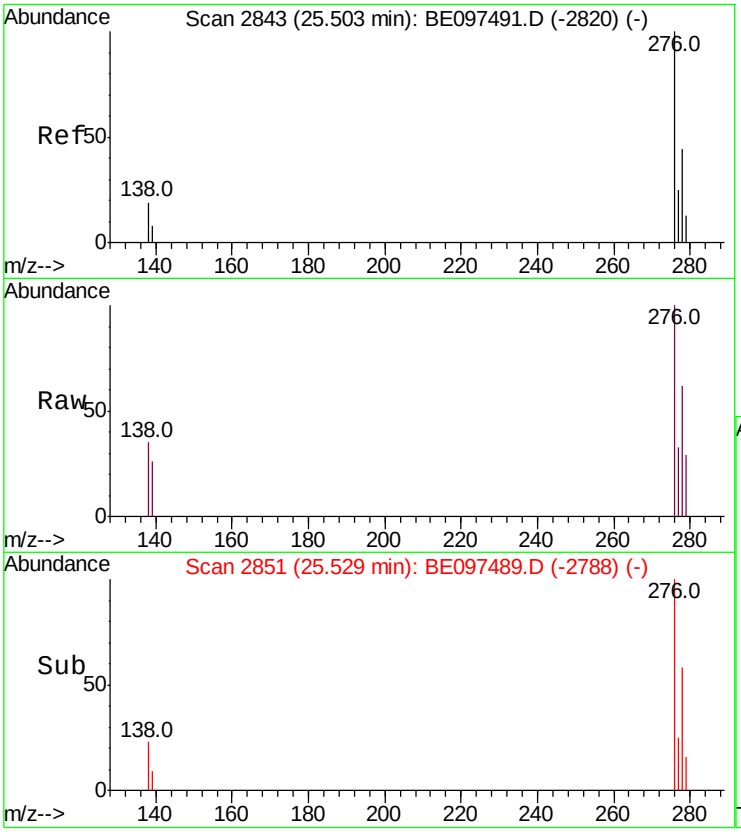


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:149 Resp: 4040

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.7	1.1#



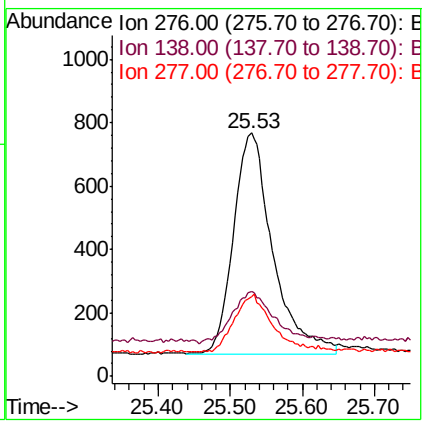


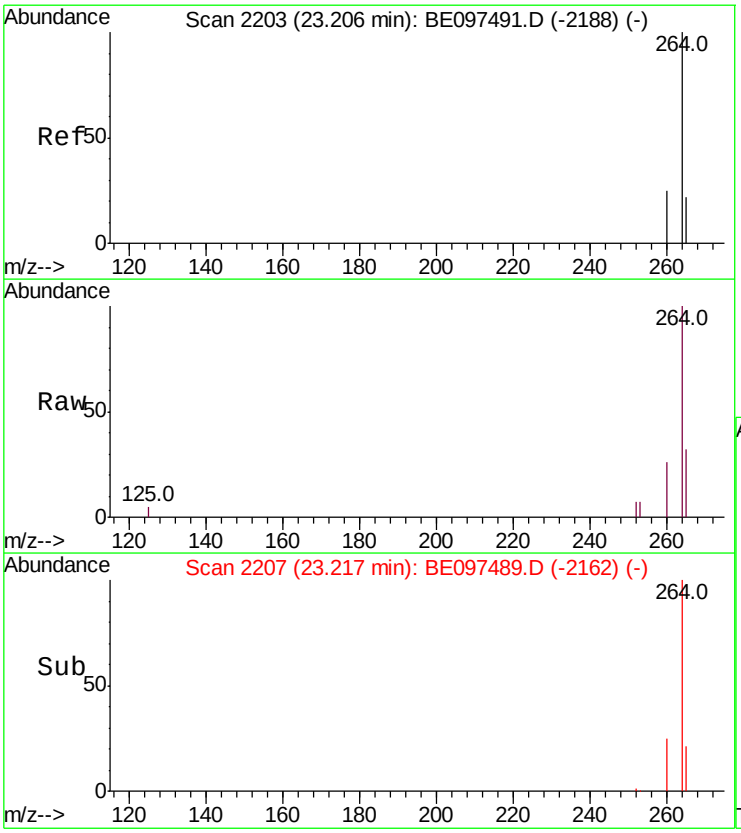
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng
RT: 25.53 min Scan# 2851
Delta R.T. 0.03 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2575

Ion	Ratio	Lower	Upper
276	100		
138	25.7	22.5	33.7
277	24.7	19.9	29.9

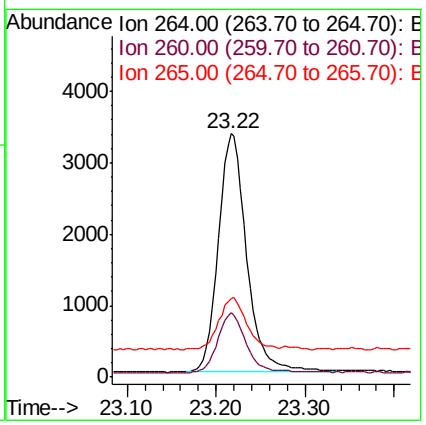


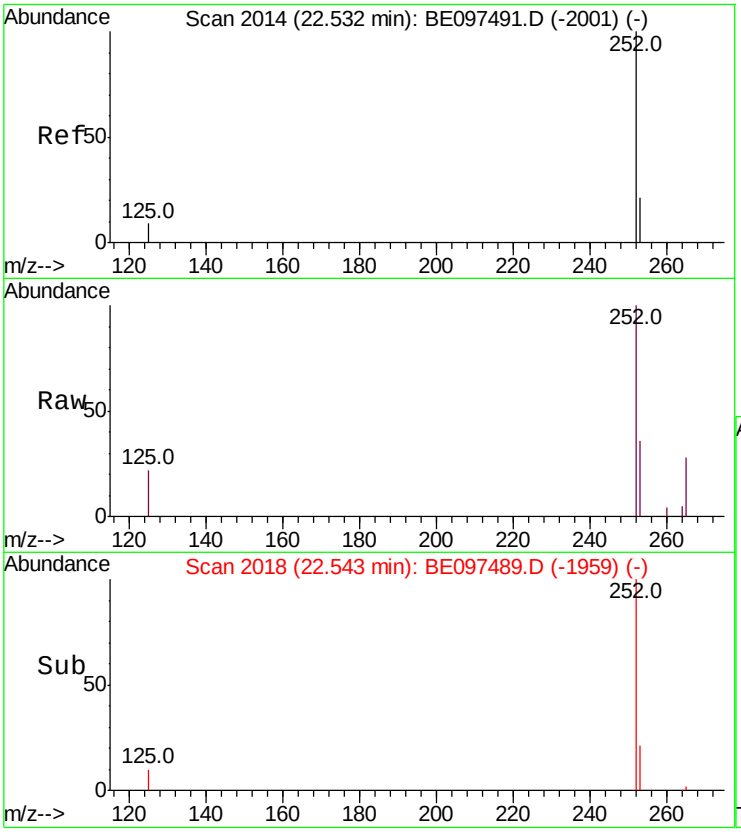


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:264 Resp: 7464

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	32.3	22.8	34.2



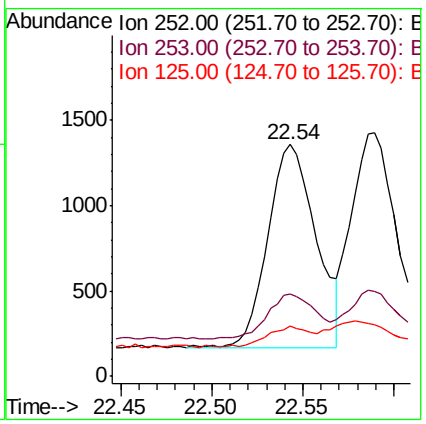


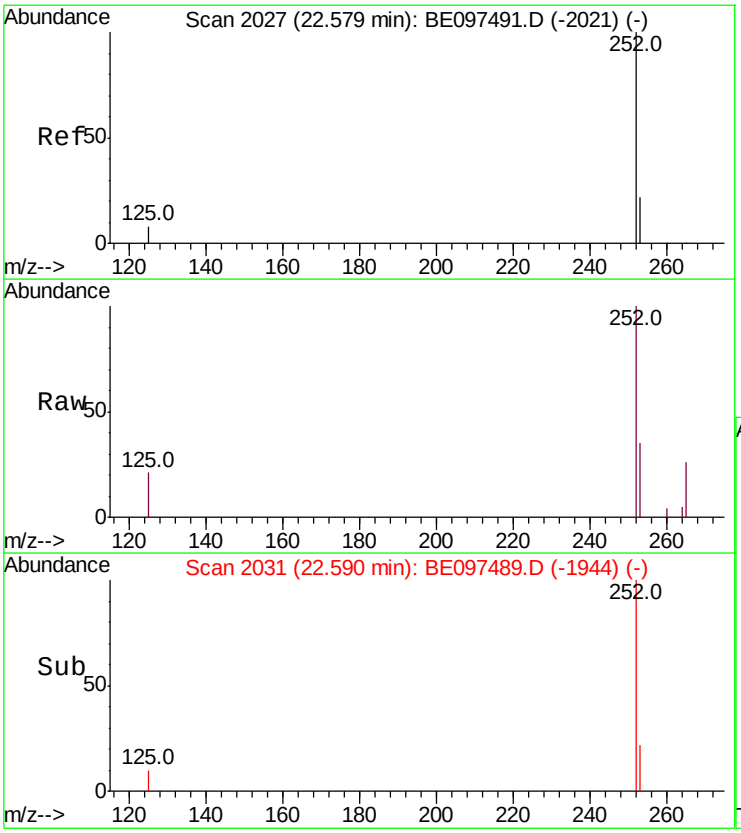
#35
Benzo(b)fluoranthene
Concen: 0.103 ng
RT: 22.54 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2191

Ion	Ratio	Lower	Upper
252	100		
253	35.6	20.0	30.0#
125	21.6	16.0	24.0

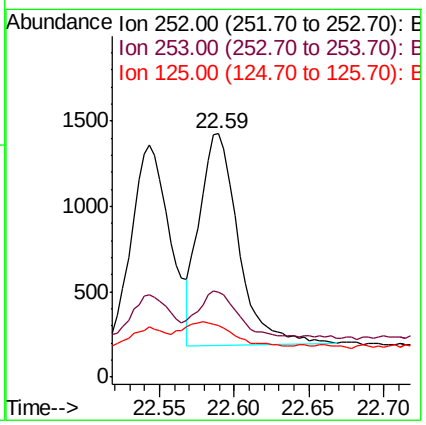


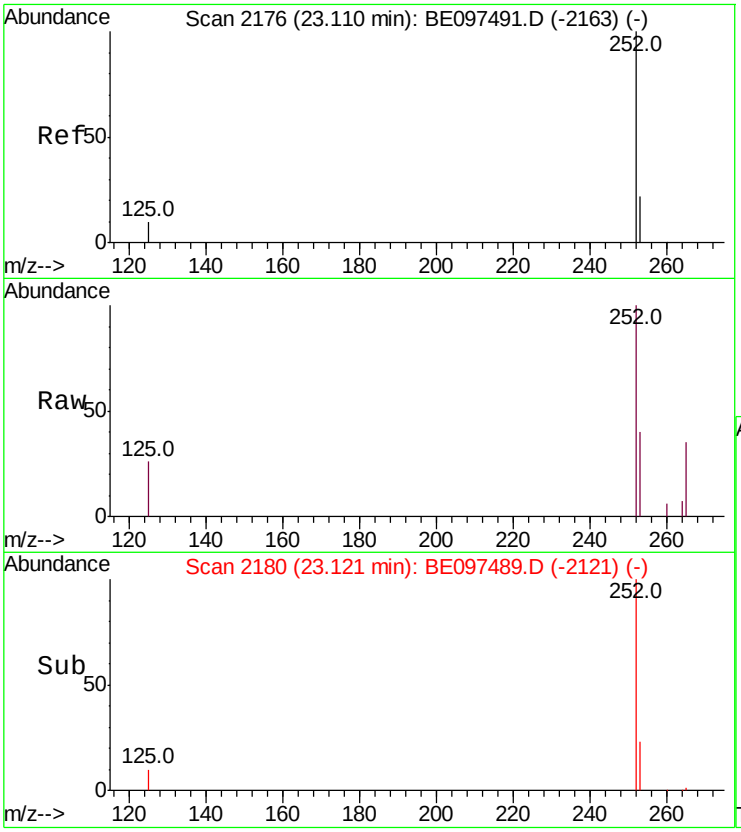


#36
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 22.59 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:252 Resp: 2249

Ion	Ratio	Lower	Upper
252	100		
253	34.8	16.0	24.0#
125	21.1	8.0	12.0#



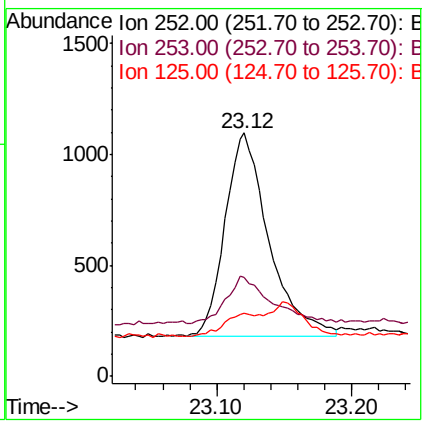


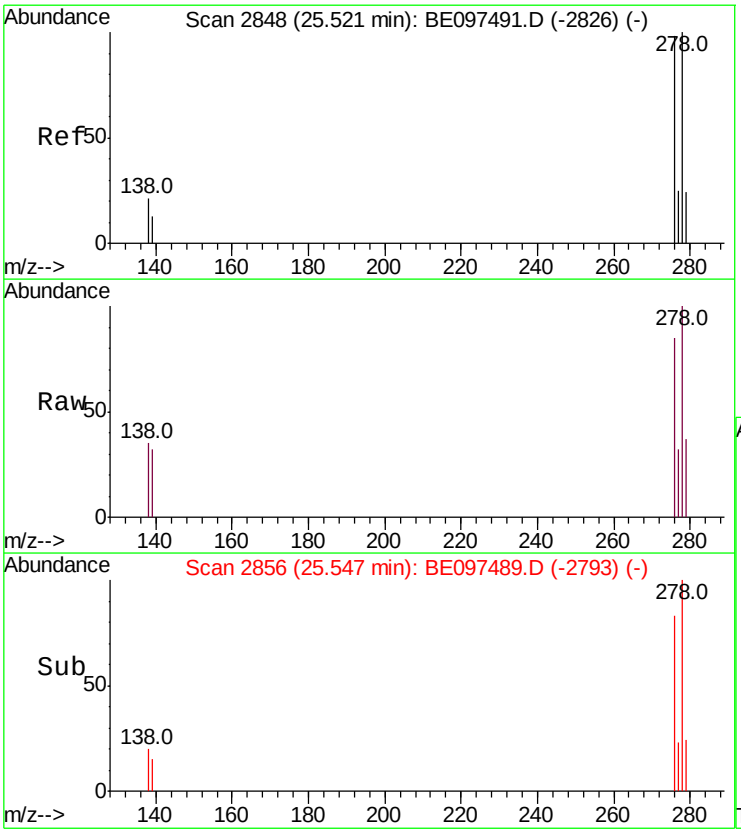
#37
Benzo(a)pyrene
Concen: 0.109 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2090

Ion	Ratio	Lower	Upper
252	100		
253	40.4	16.0	24.0#
125	25.7	12.0	18.0#

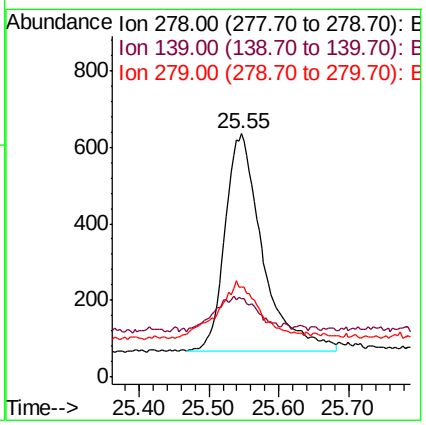


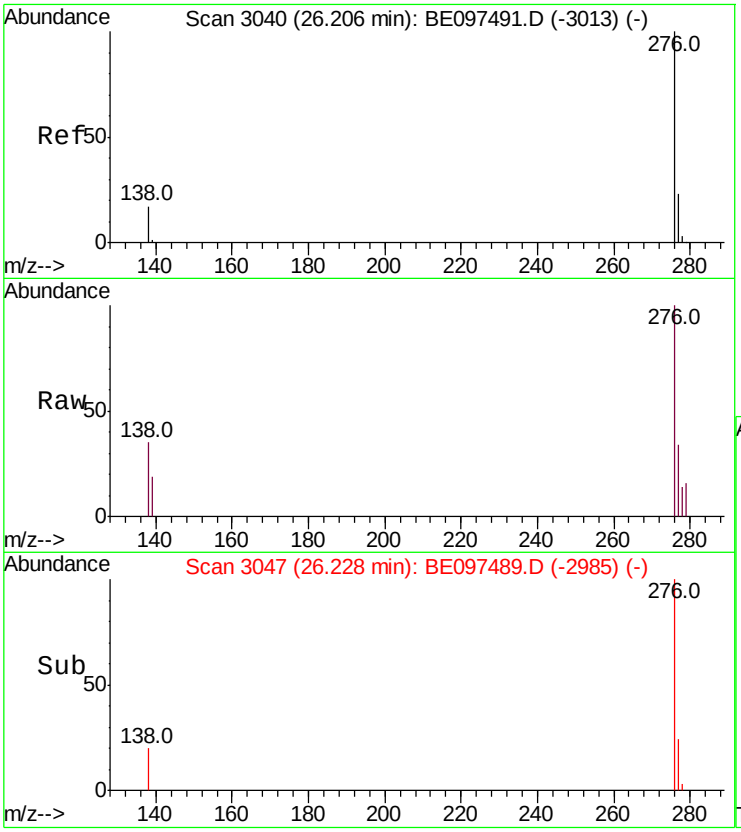


#38
Dibenzo(a,h)anthracene
Concen: 0.083 ng
RT: 25.55 min Scan# 2856
Delta R.T. 0.03 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Tgt Ion:278 Resp: 2111

Ion	Ratio	Lower	Upper
278	100		
139	32.4	16.0	24.0#
279	37.0	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 26.23 min Scan# 3047
Delta R.T. 0.02 min
Lab File: BE097489.D
Acq: 17 Sep 2018 10:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2246

Ion	Ratio	Lower	Upper
276	100		
277	34.3	16.0	24.0#
138	35.0	20.0	30.0#