Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097495.D
Acq On : 17 Sep 2018 14:01
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE091718

Quant Time: Sep 17 14:59:02 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 14:06:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1022	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4908	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2901	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7798	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9730	0.40	ng		0.00
34) Perylene-d12	23.21	264	9852	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1348	0.39	ng		0.00
5) Phenol-d6	6.59	99	1692	0.39	ng		-0.01
8) Nitrobenzene-d5	8.52	82	1475	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2841	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	558	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	4167	0.41	ng		0.00
25) Fluoranthene-d10	18.80	212	37070	0.40	ng		0.00
29) Terphenyl-d14	19.42	244	7722	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	694	0.393	ng	#	86
3) n-Nitrosodimethylamine	3.38	42	628	0.425	ng	#	97
6) bis(2-Chloroethyl)ether	6.82	93	1404	0.400	ng		80
9) Naphthalene	10.17	128	18333	0.411	ng		100
10) Hexachlorobutadiene	10.46	225	856	0.405	ng		95
12) 2-Methylnaphthalene	11.80	142	2922	0.410	ng		96
16) Acenaphthylene	13.72	152	4756	0.377	ng		100
17) Acenaphthene	14.06	154	3187	0.409	ng		97
18) Fluorene	15.06	166	4029	0.406	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1434	0.381	ng	#	85
21) Hexachlorobenzene	16.07	284	1589	0.398	ng	#	84
22) Pentachlorophenol	16.46	266	183	0.403	ng		90
23) Phenanthrene	16.80	178	7537	0.411	ng		98
24) Anthracene	16.89	178	6697	0.395	ng		96
26) Fluoranthene	18.83	202	9487	0.397	ng		99
28) Pyrene	19.20	202	10371	0.414	ng		100
30) Benzo(a)anthracene	20.95	228	9931	0.388	ng		97
31) Chrysene	21.00	228	10980	0.418	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	21094	0.388	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	12898	0.412	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	10247	0.407	ng	#	91
36) Benzo(k)fluoranthene	22.58	252	11148	0.406	ng	#	91
37) Benzo(a)pyrene	23.11	252	10095	0.403	ng	#	91
38) Dibenzo(a,h)anthracene	25.52	278	10757	0.412	ng		94
39) Benzo(g,h,i)perylene	26.21	276	10628	0.399	ng	#	88

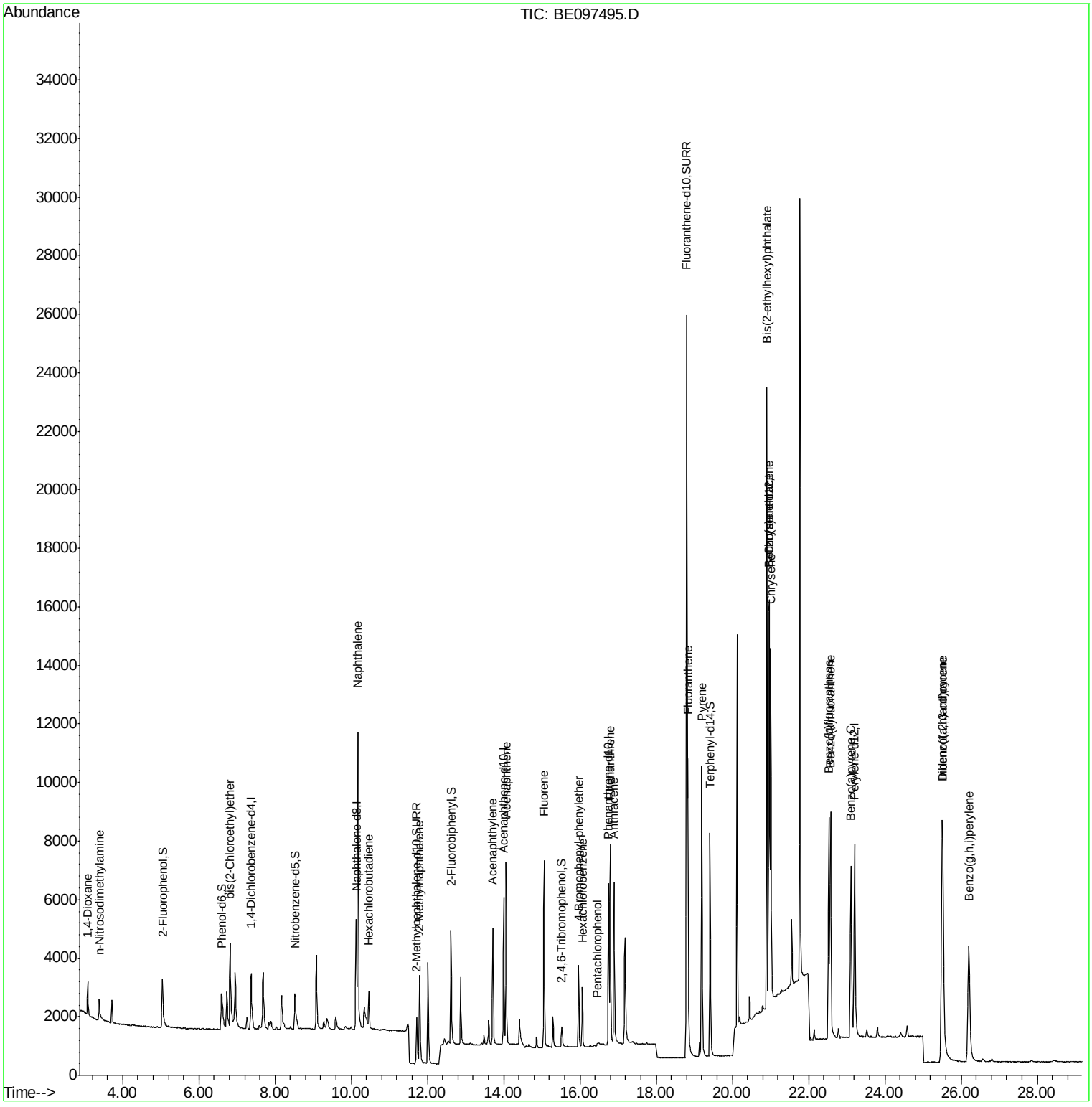
(#) = qualifier out of range (m) = manual integration (+) = signals summed

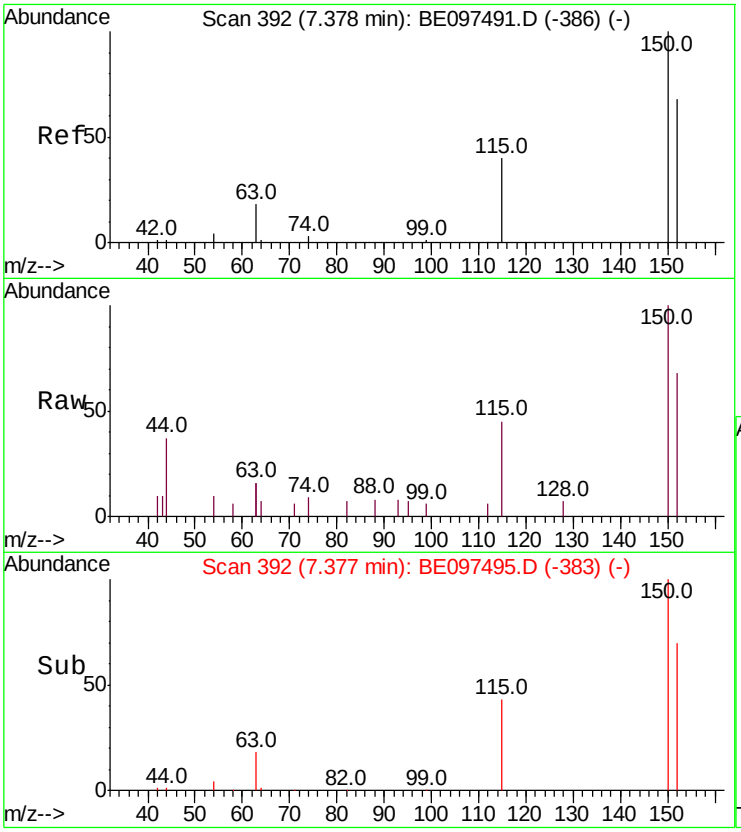
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097495.D
Acq On : 17 Sep 2018 14:01
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Quant Time: Sep 17 14:45:44 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 14:06:07 2018
Response via : Initial Calibration



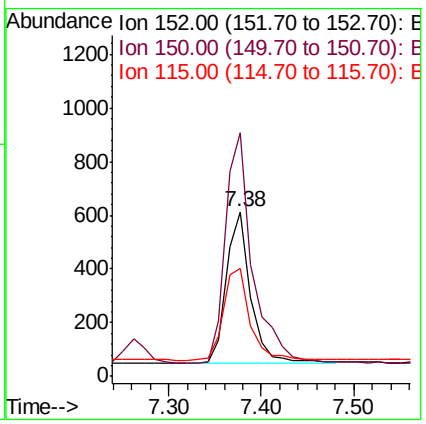


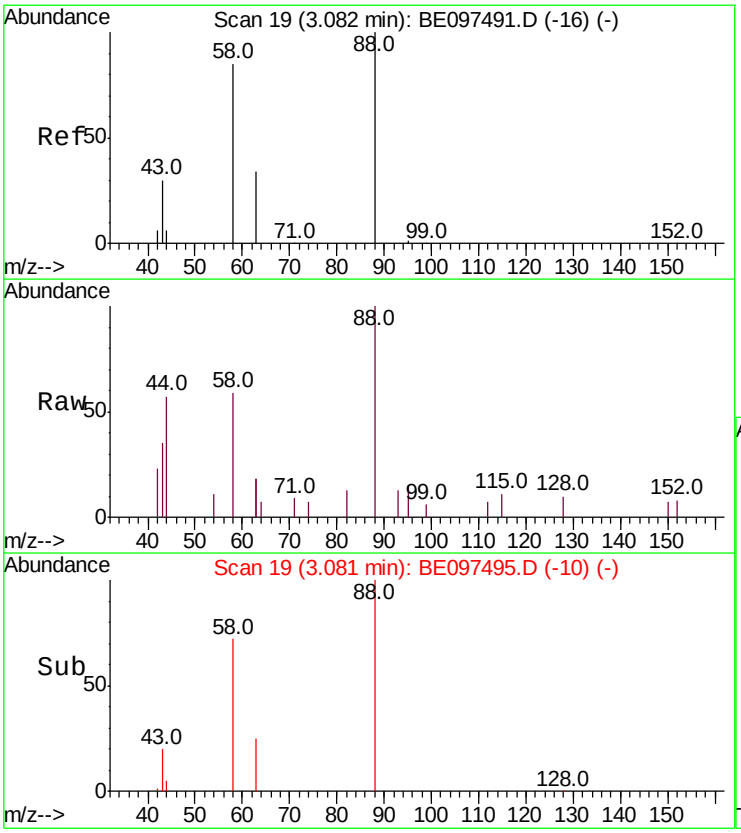
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:152 Resp: 1022

Ion	Ratio	Lower	Upper
152	100		
150	148.0	117.2	175.8
115	65.9	57.0	85.6

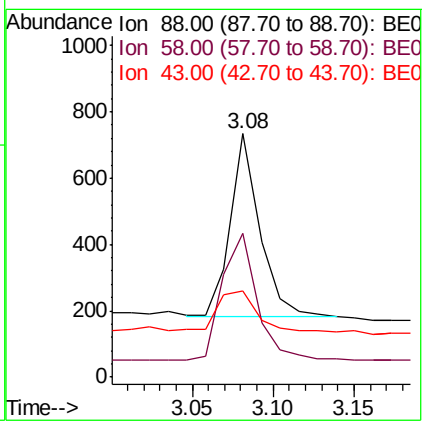


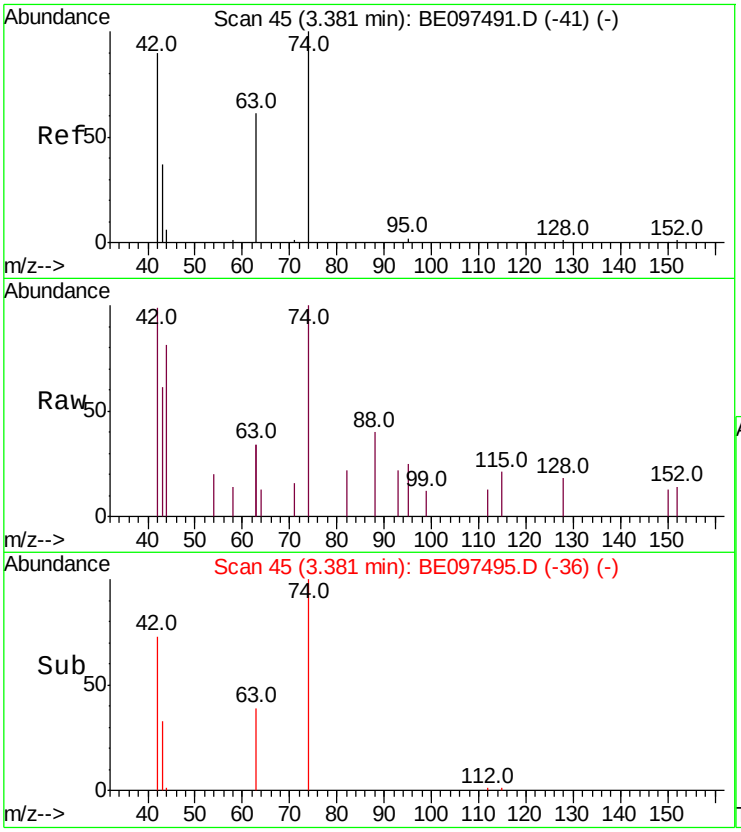


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion: 88 Resp: 694

Ion	Ratio	Lower	Upper
88	100		
58	82.1	63.2	94.8
43	29.8	41.2	61.8#



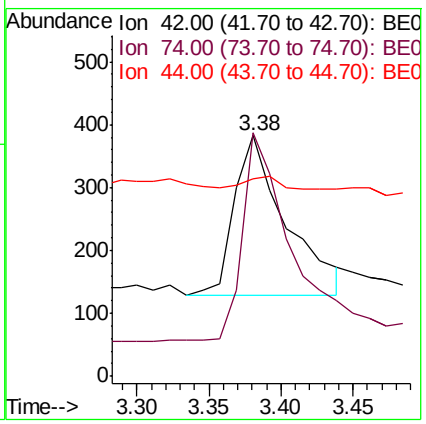


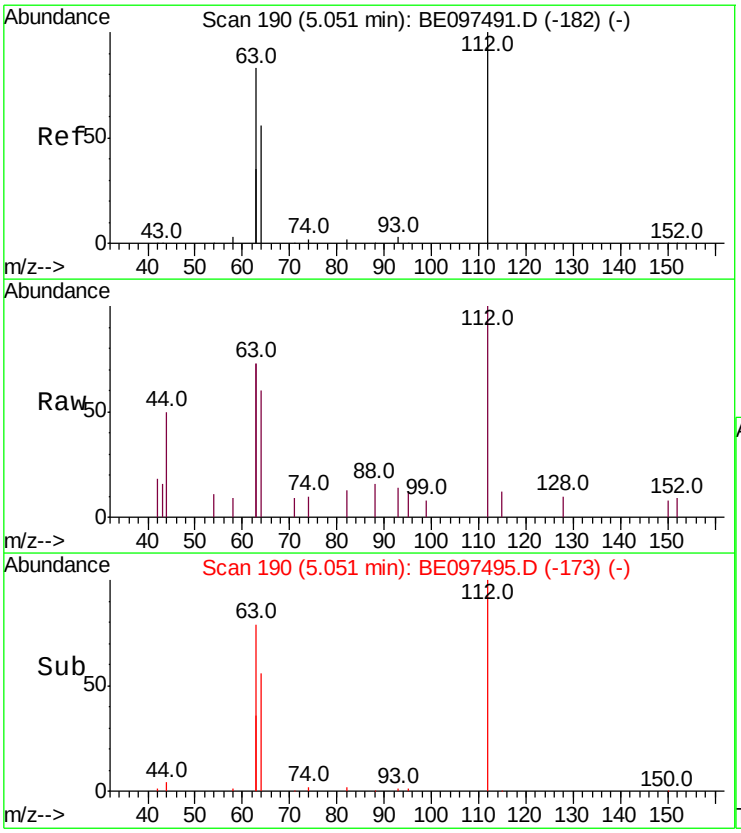
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion: 42 Resp: 628

Ion	Ratio	Lower	Upper
42	100		
74	120.7	96.0	144.0
44	5.1	12.0	18.0#

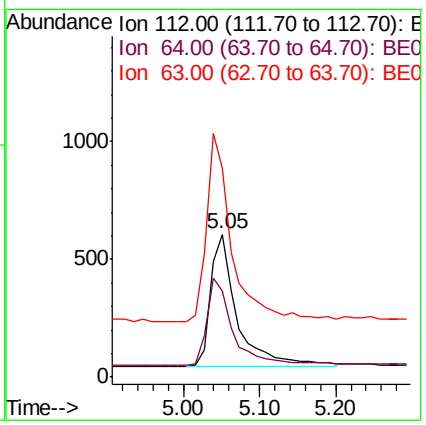


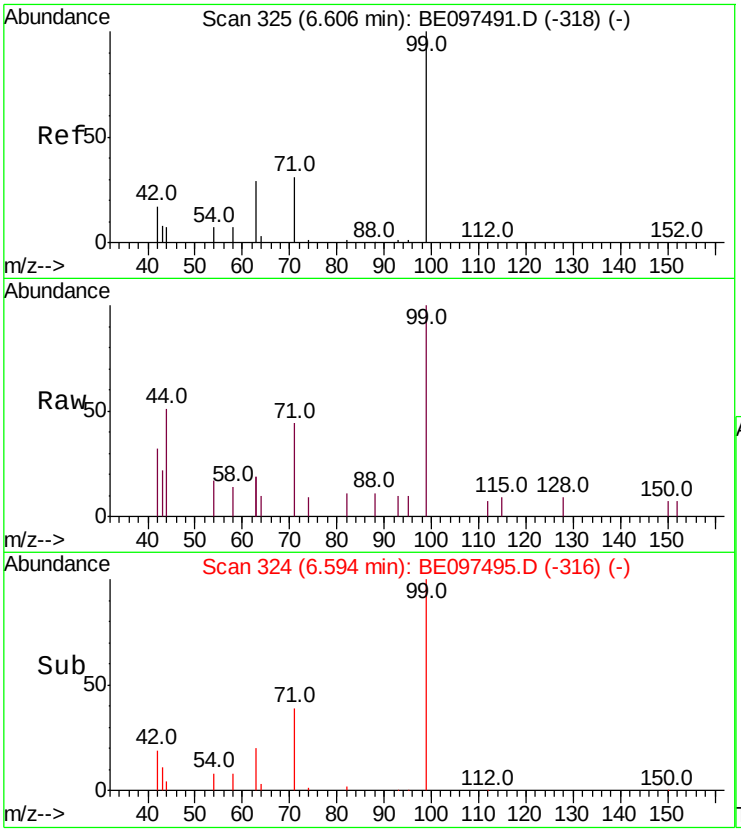


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:112 Resp: 1348

Ion	Ratio	Lower	Upper
112	100		
64	65.9	60.1	90.1
63	136.4	116.8	175.2



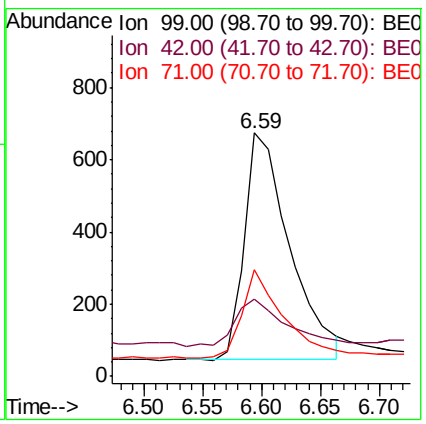


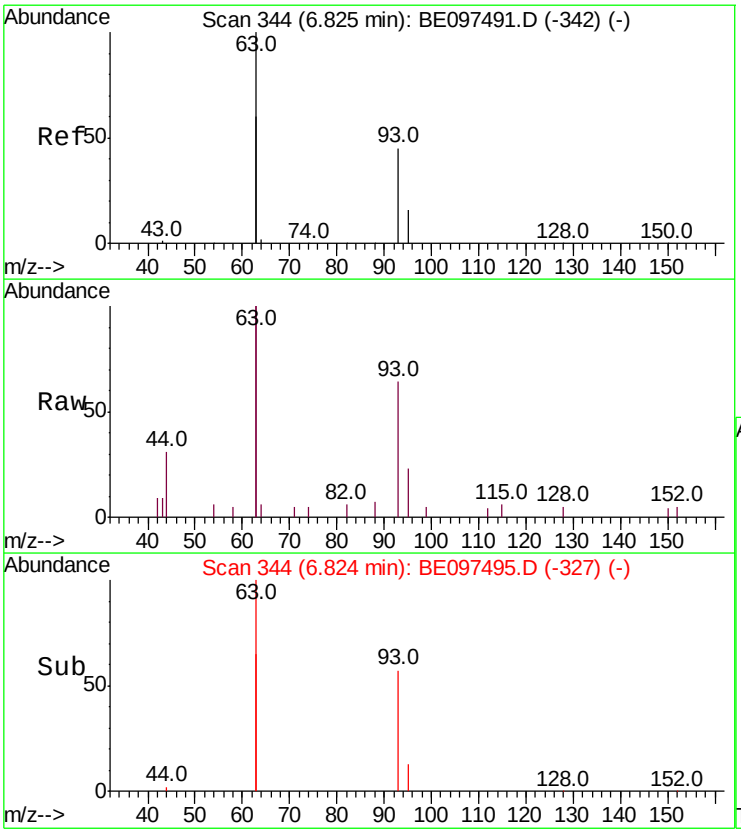
#5
Phenol-d6
Concen: 0.385 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion: 99 Resp: 1692

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	34.9	28.4	42.6

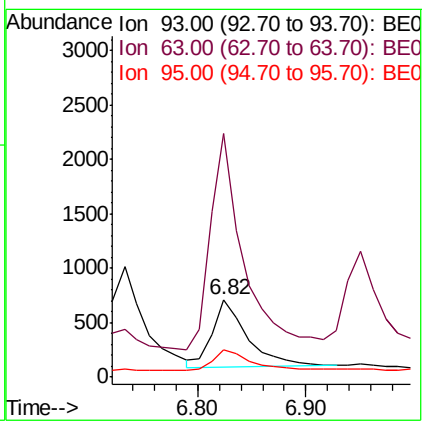


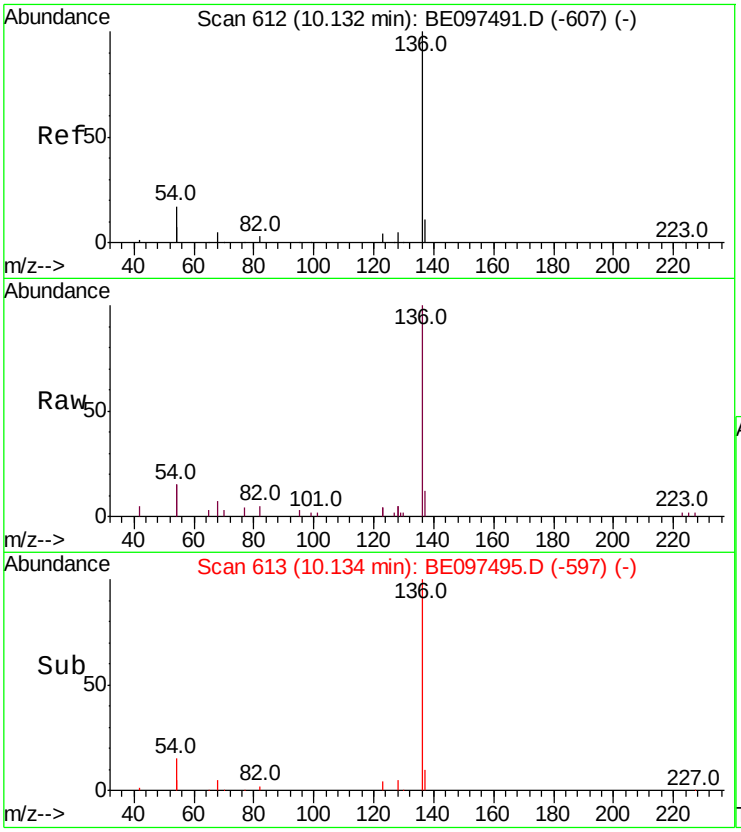


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion: 93 Resp: 1404

Ion	Ratio	Lower	Upper
93	100		
63	298.4	275.3	412.9
95	33.3	25.2	37.8



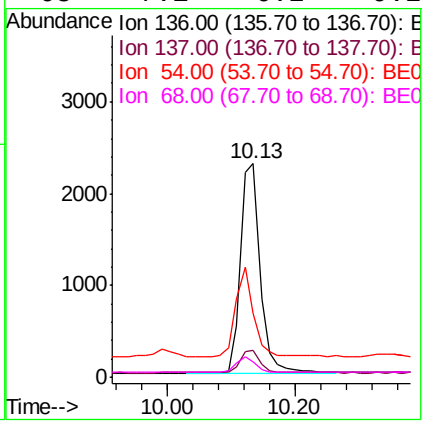


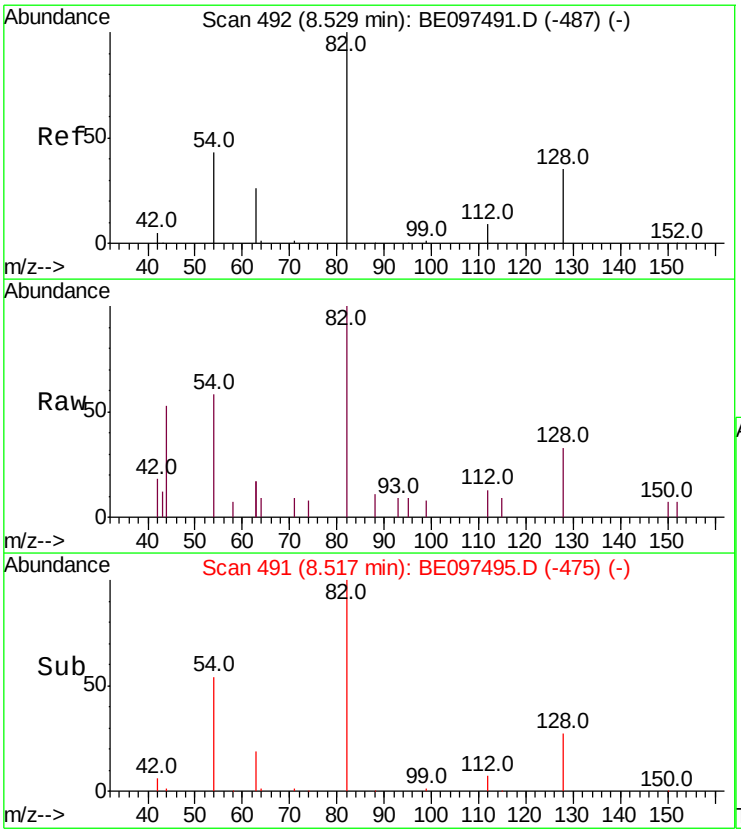
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:136 Resp: 4908

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	29.9	29.1	43.7
68	7.1	6.2	9.2

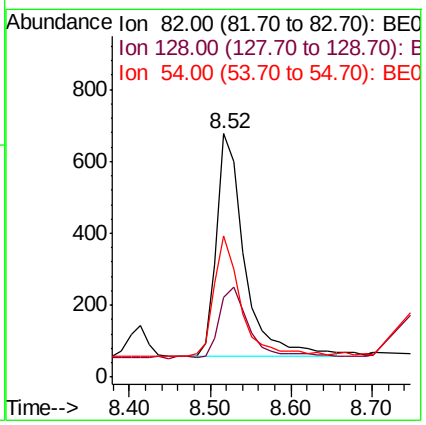


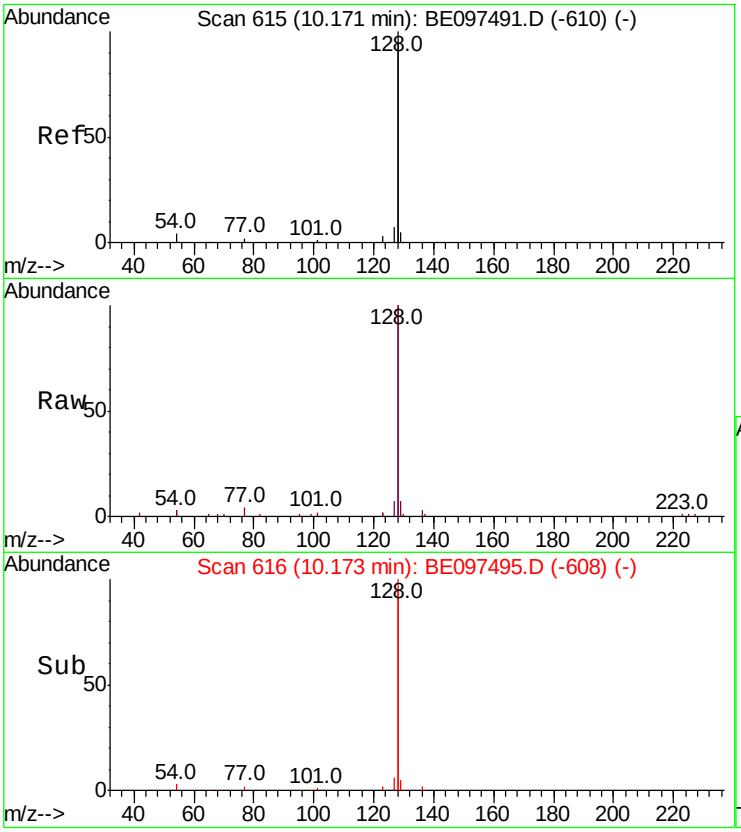


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion: 82 Resp: 1475

Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.0	36.0
54	57.9	40.0	60.0



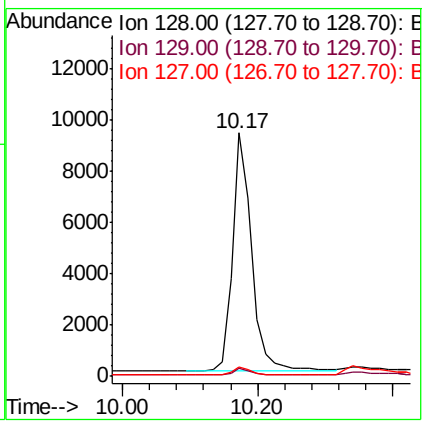


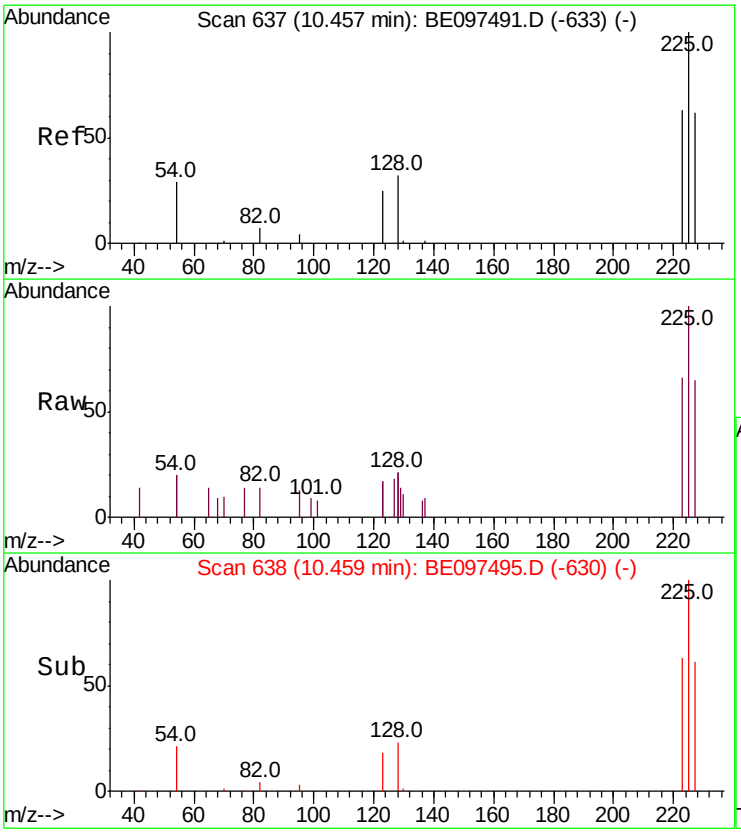
#9
Naphthalene
Concen: 0.411 ng
RT: 10.17 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:128 Resp: 18333

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.6	2.8	4.2

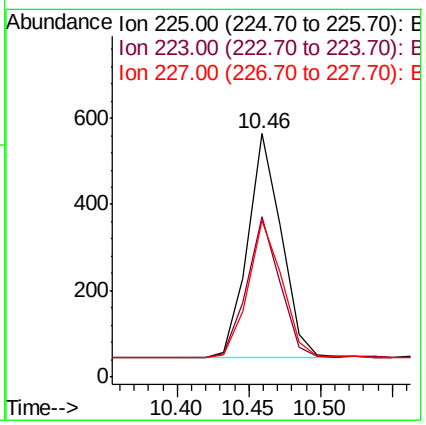


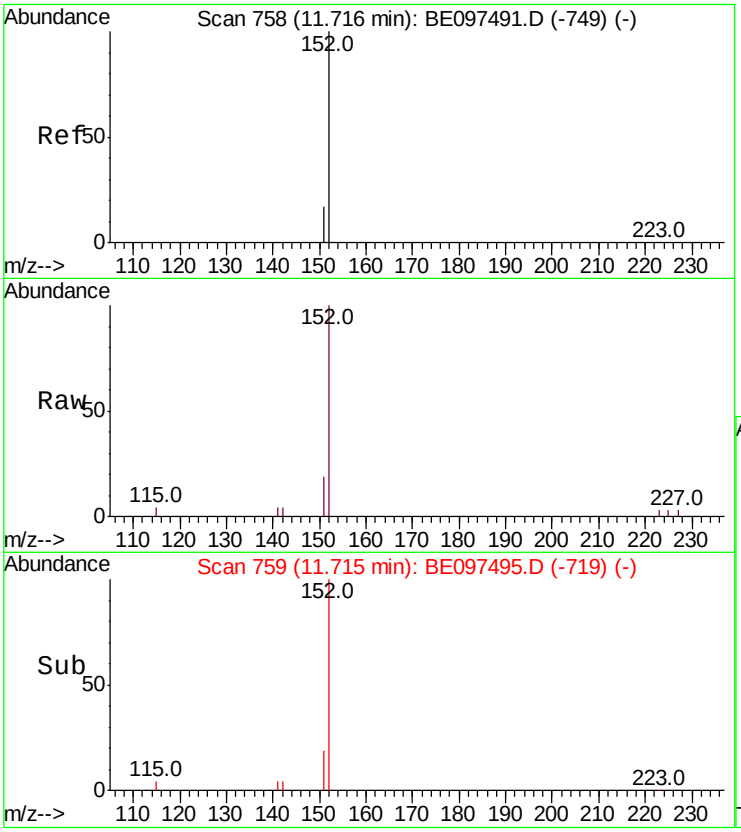


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.46 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:225 Resp: 856

Ion	Ratio	Lower	Upper
225	100		
223	60.9	53.0	79.6
227	61.7	51.4	77.2



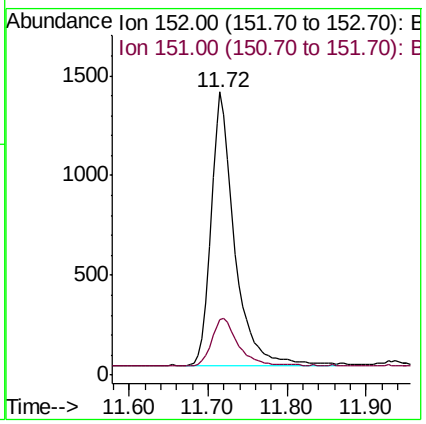


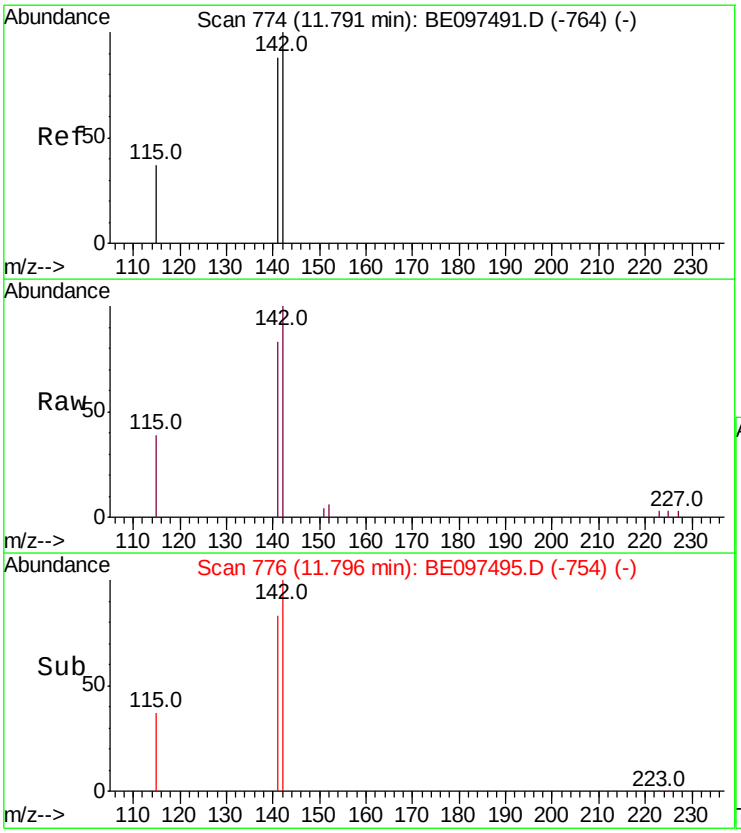
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:152 Resp: 2841

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

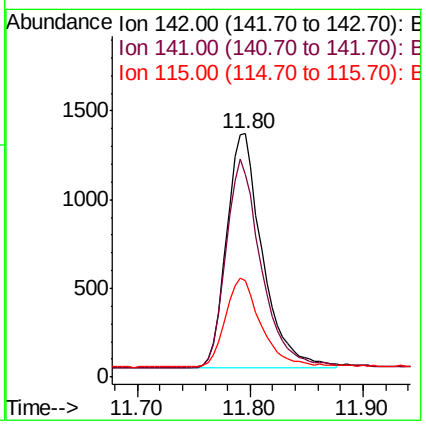


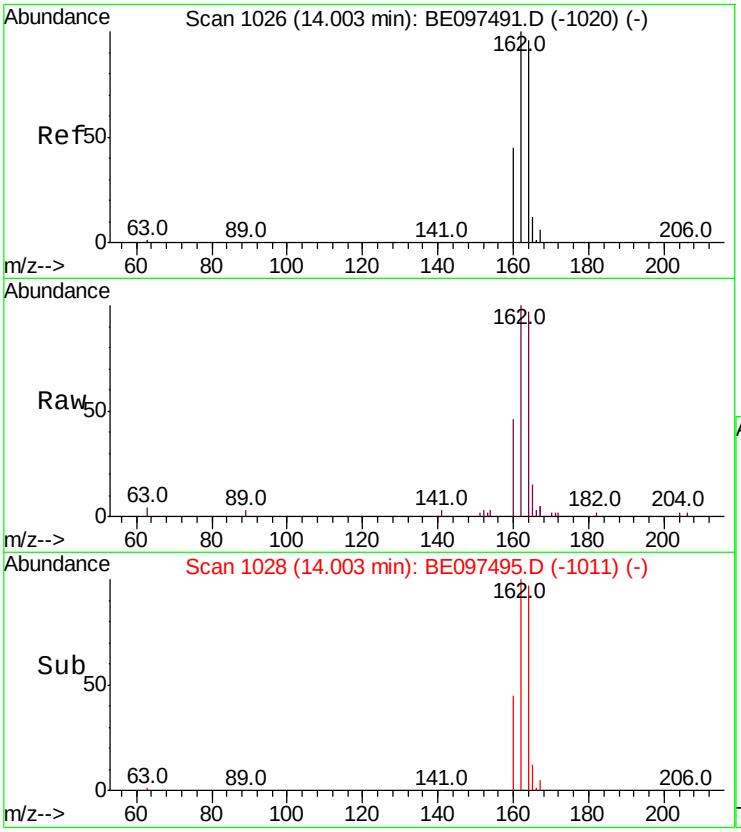


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 11.80 min Scan# 776
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:142 Resp: 2922

Ion	Ratio	Lower	Upper
142	100		
141	83.2	70.4	105.6
115	39.4	31.7	47.5



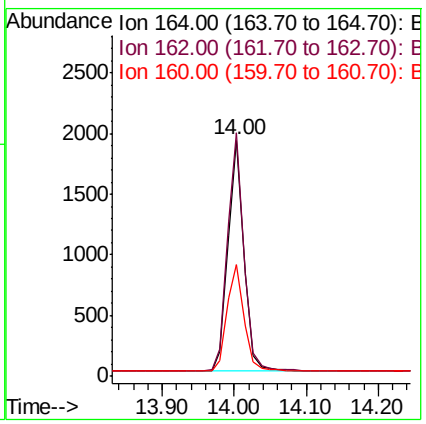


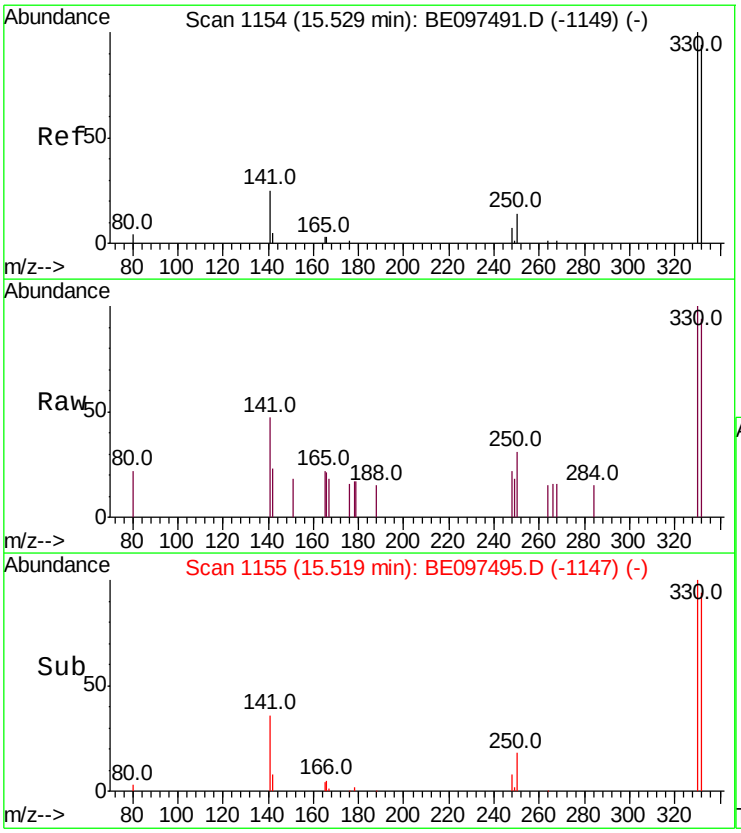
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:164 Resp: 2901

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.1	124.7
160	47.2	37.1	55.7

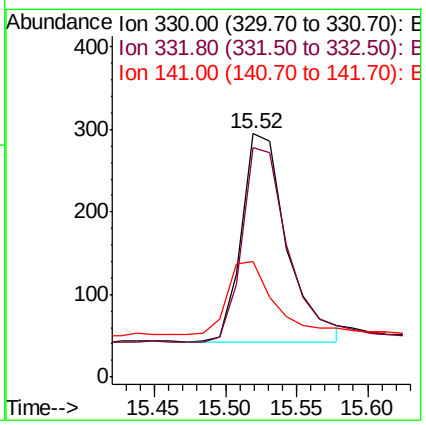


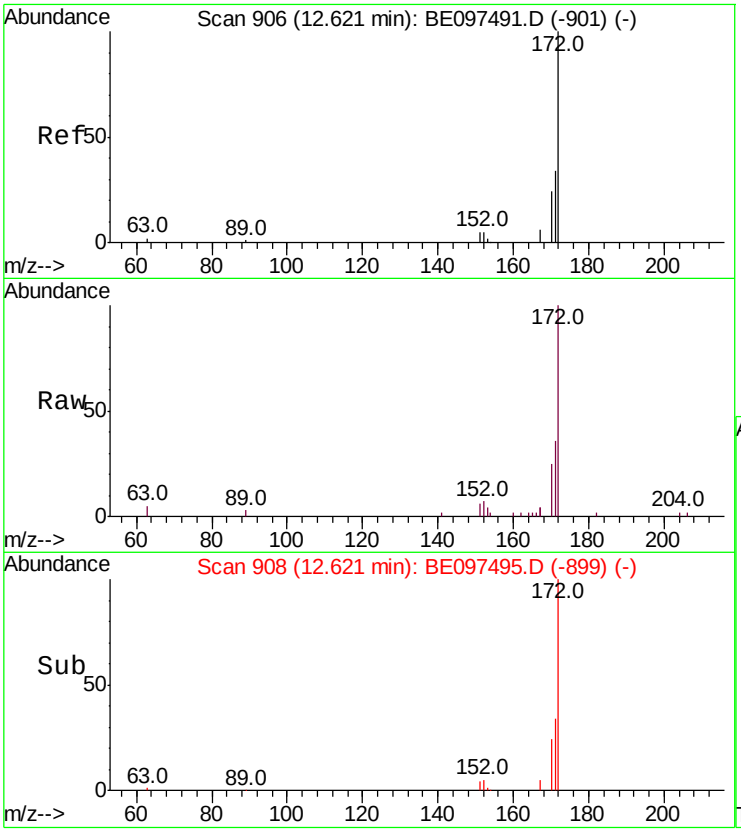


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.52 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:330 Resp: 558

Ion	Ratio	Lower	Upper
330	100		
332	94.8	152.7	229.1#
141	34.6	33.7	50.5



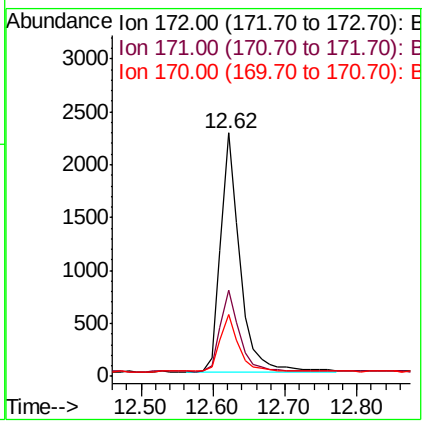


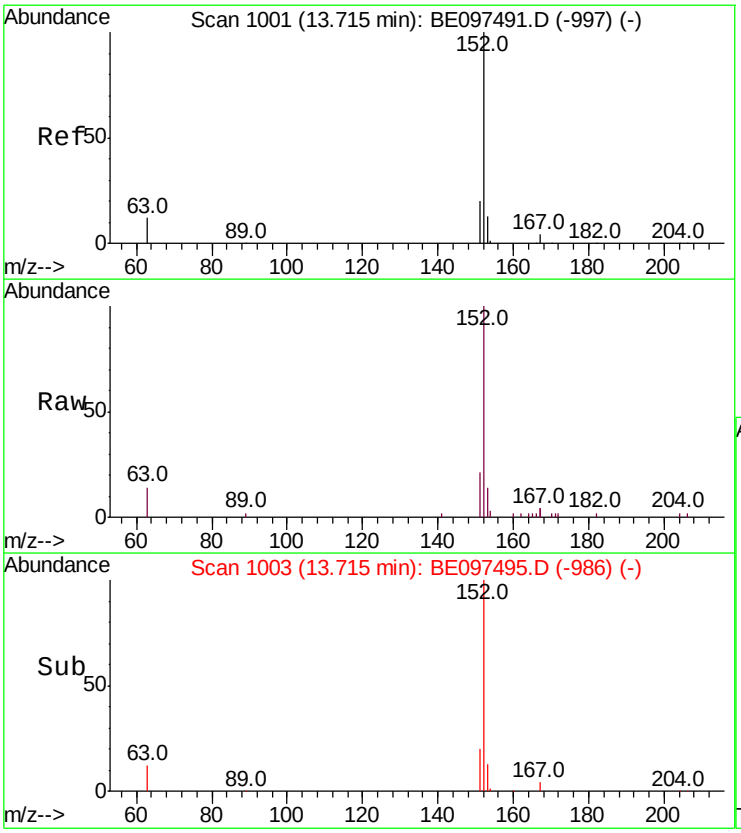
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.62 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:172 Resp: 4167

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	25.2	21.8	32.8

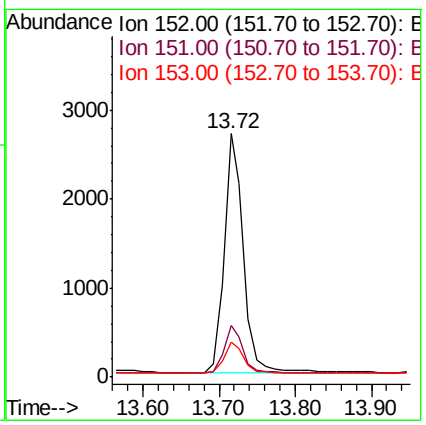


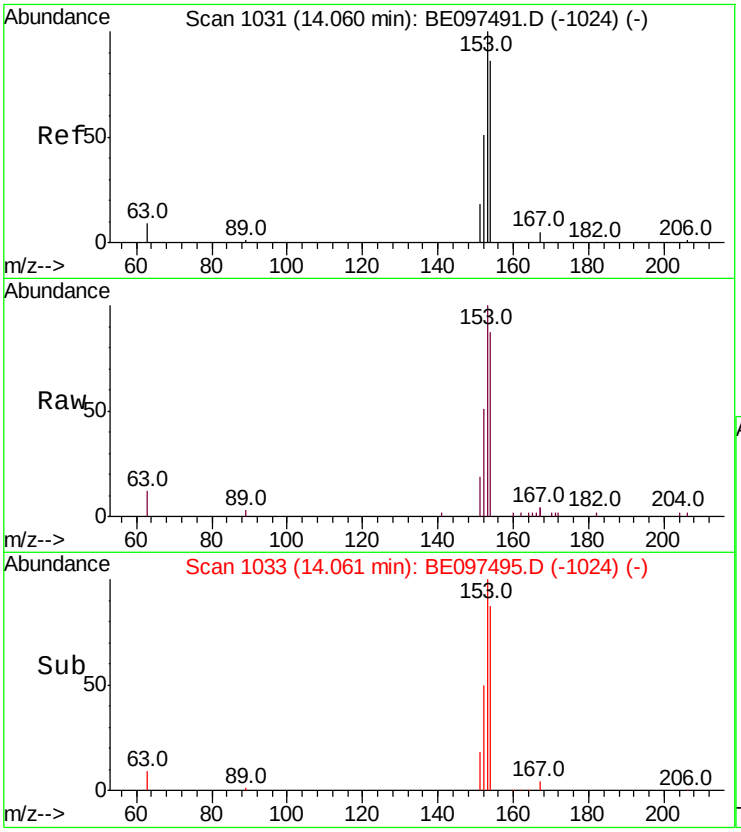


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.72 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:152 Resp: 4756

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.5	15.7



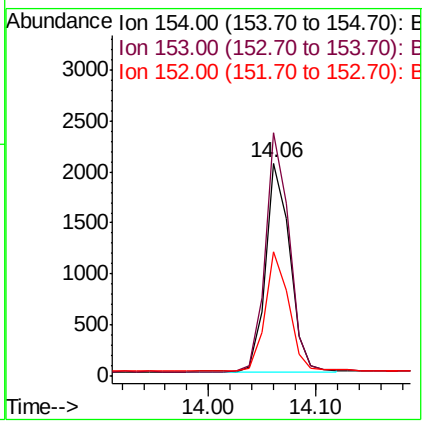


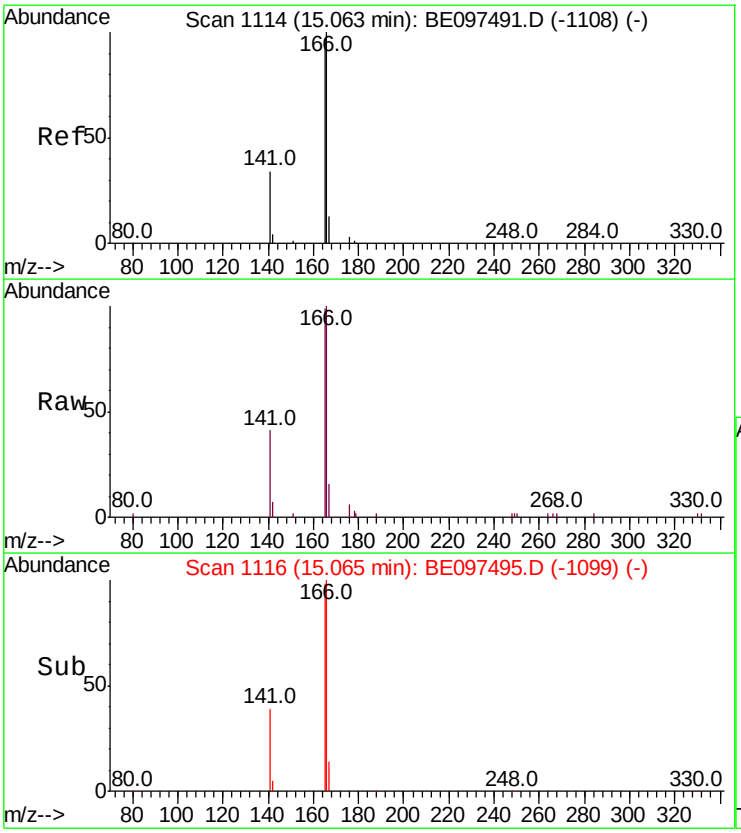
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.06 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:154 Resp: 3187

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.2	133.8
152	56.2	42.0	63.0

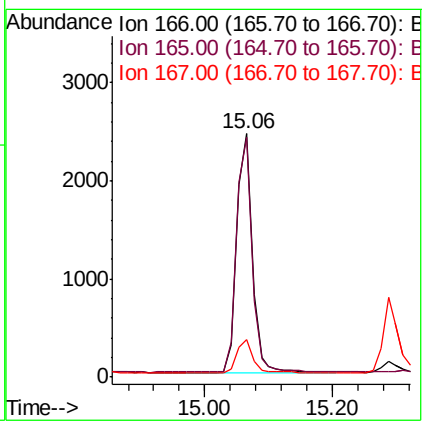


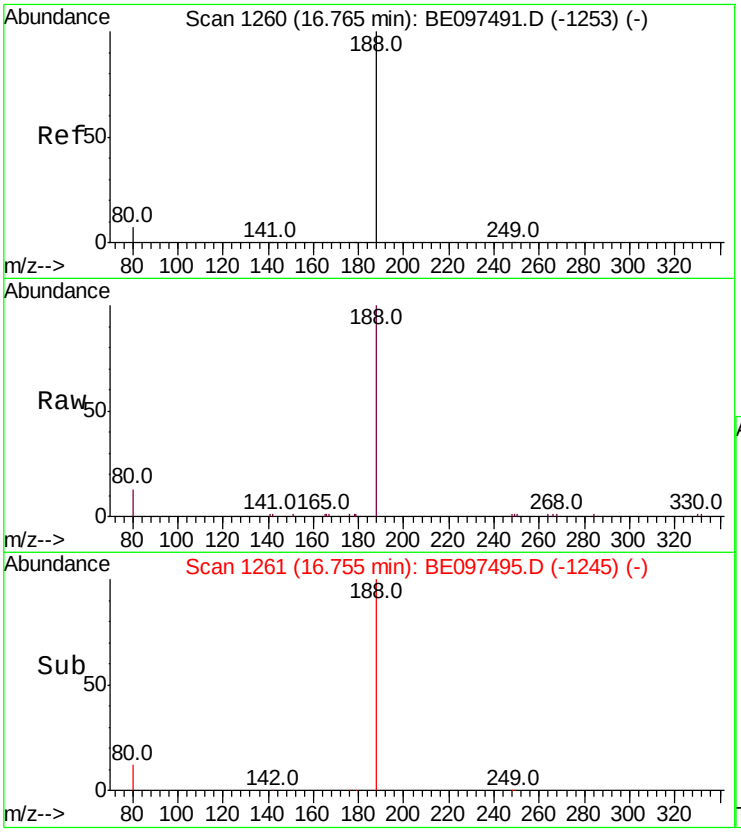


#18
Fluorene
Concen: 0.406 ng
RT: 15.06 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:166 Resp: 4029

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	13.9	42.4	63.6#



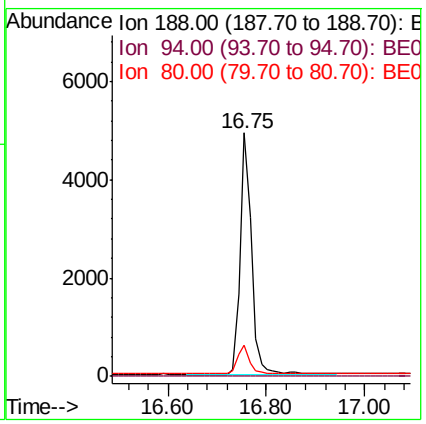


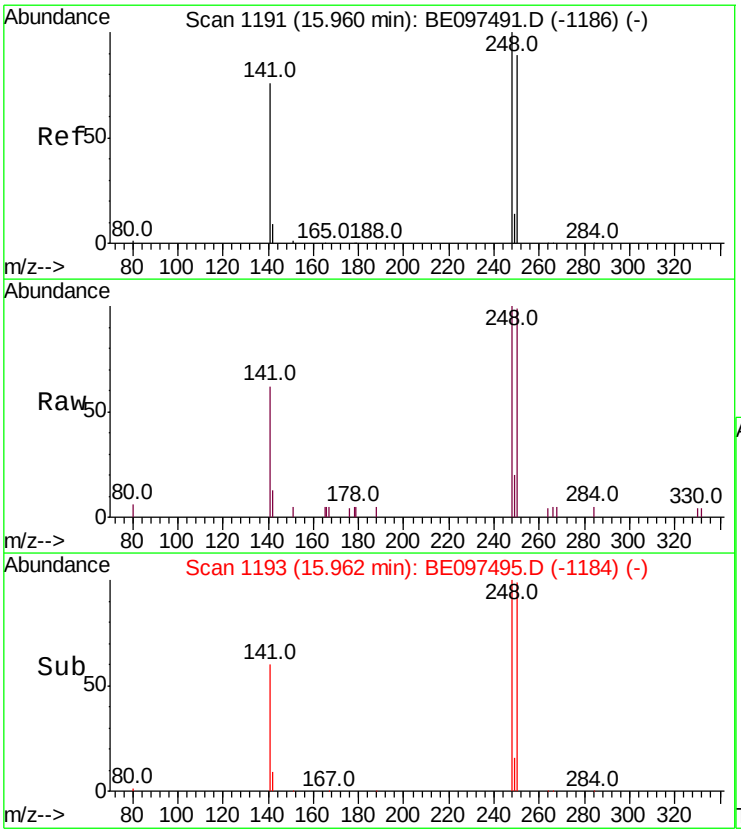
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:188 Resp: 7798

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.9	3.6	5.4#

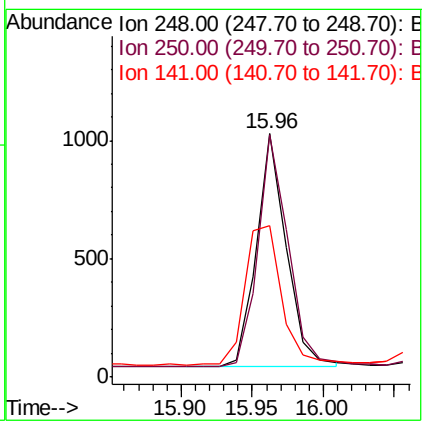


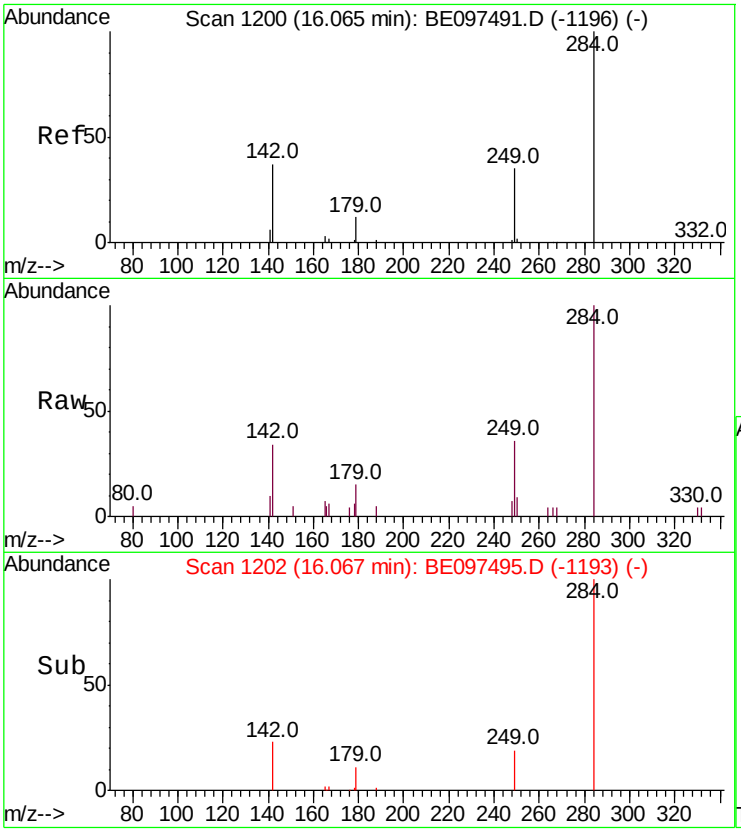


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 15.96 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:248 Resp: 1434

Ion	Ratio	Lower	Upper
248	100		
250	99.4	62.7	94.1#
141	62.3	48.2	72.2



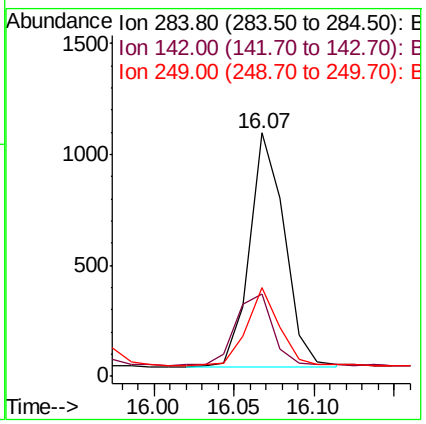


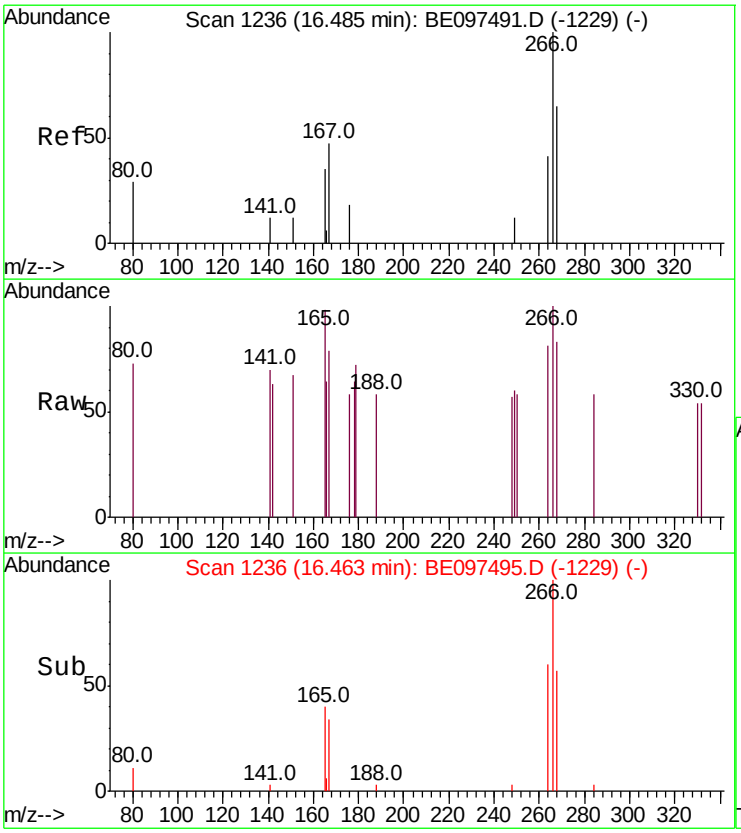
#21
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.07 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:284 Resp: 1589

Ion	Ratio	Lower	Upper
284	100		
142	32.5	22.1	33.1
249	30.6	34.8	52.2#

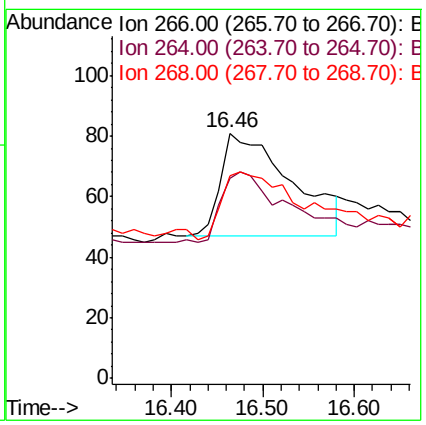


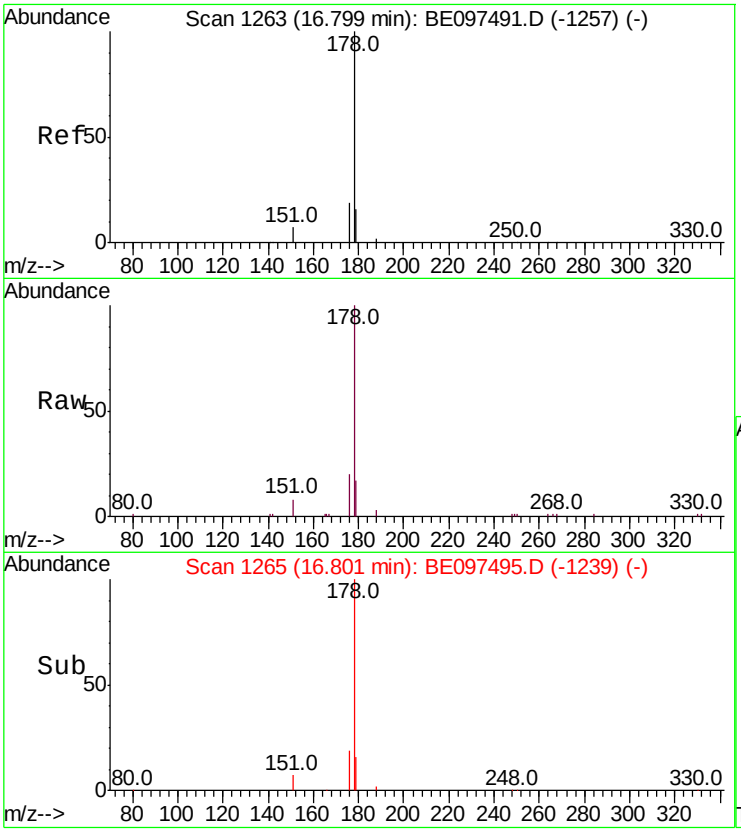


#22
Pentachlorophenol
Concen: 0.403 ng
RT: 16.46 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:266 Resp: 183

Ion	Ratio	Lower	Upper
266	100		
264	81.5	72.5	108.7
268	82.7	73.8	110.6



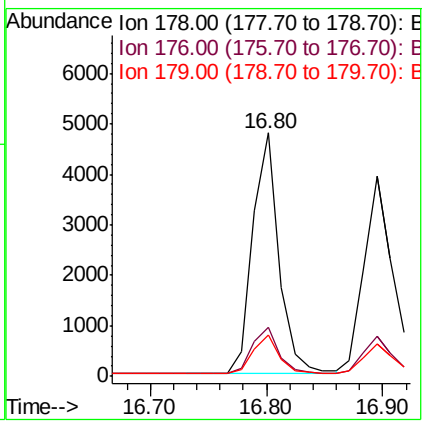


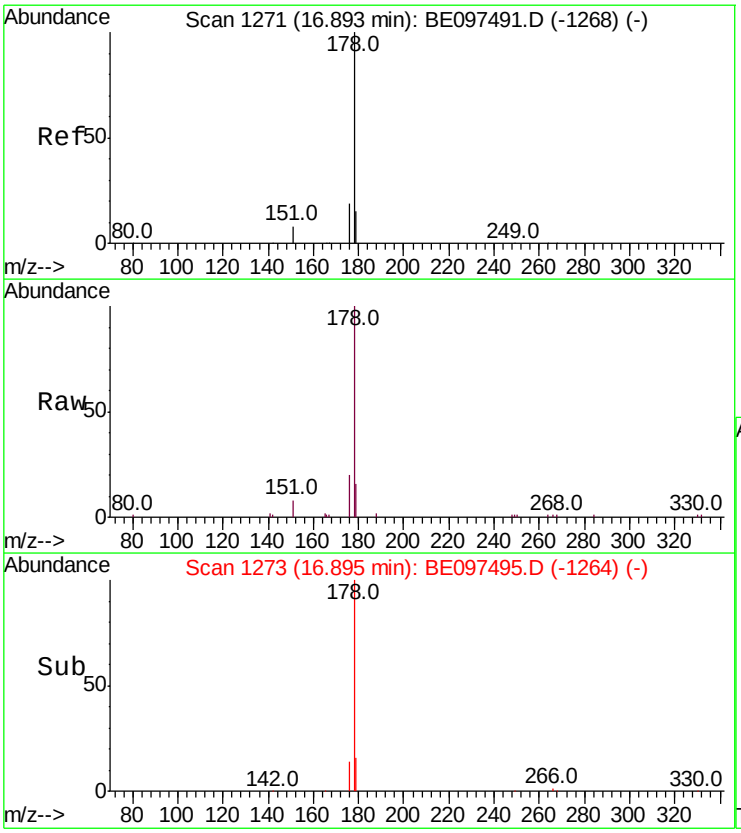
#23
Phenanthrene
Concen: 0.411 ng
RT: 16.80 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:178 Resp: 7537

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.7	11.8	17.6

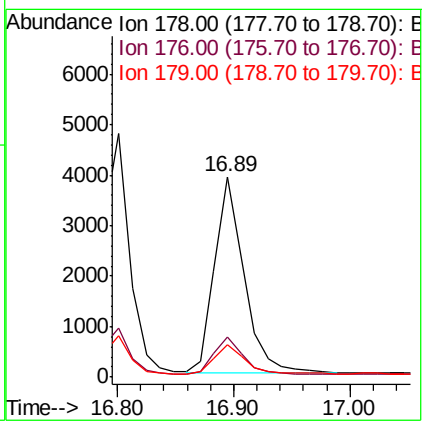


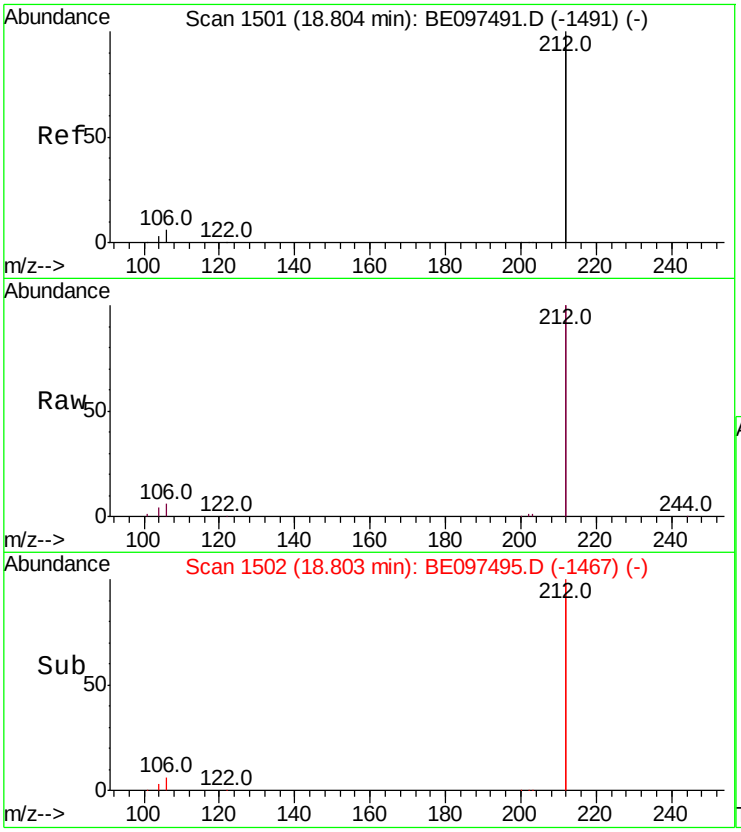


#24
Anthracene
Concen: 0.395 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:178 Resp: 6697

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.5	13.0	19.6



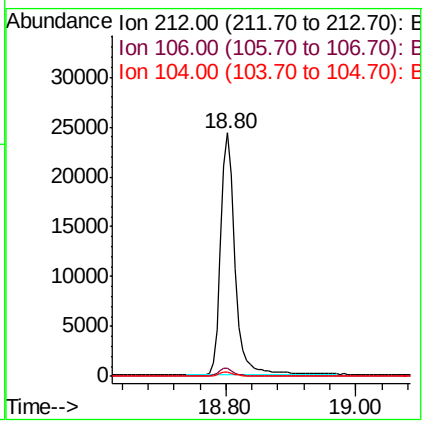


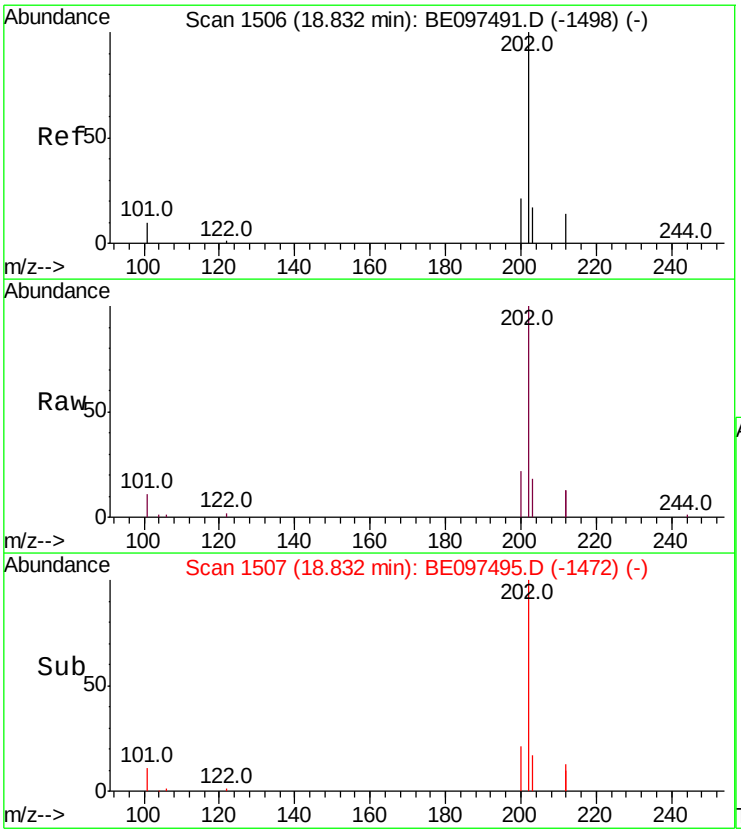
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.80 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:212 Resp: 37070

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

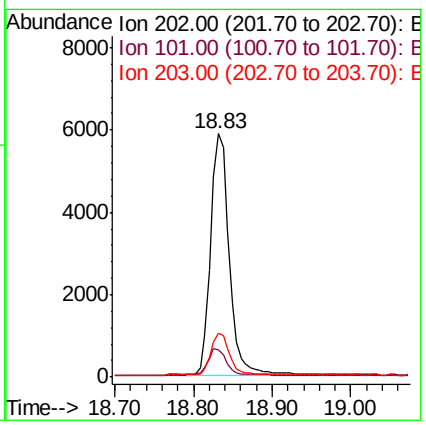


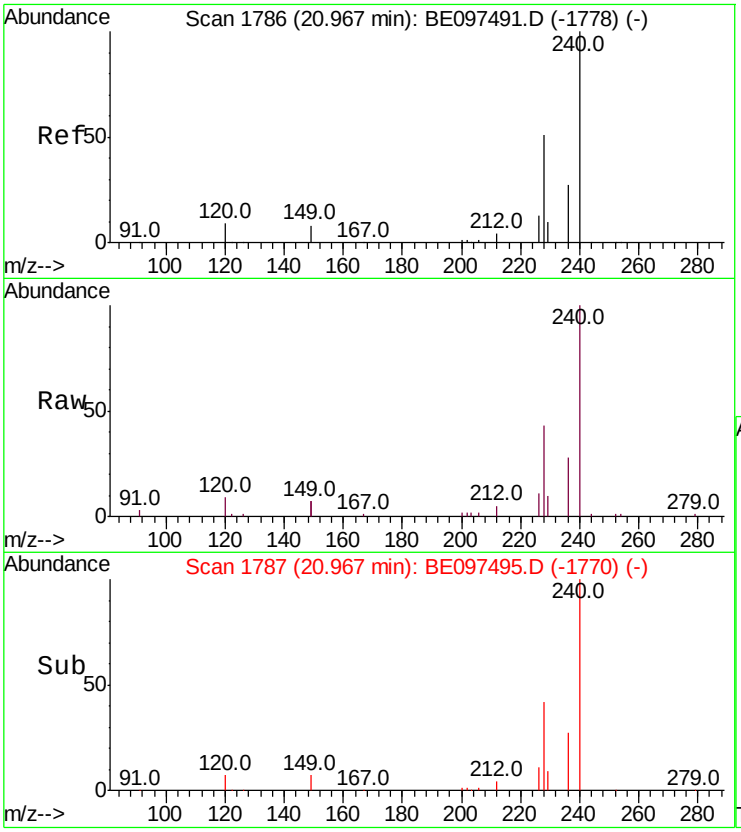


#26
Fluoranthene
Concen: 0.397 ng
RT: 18.83 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:202 Resp: 9487

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.0	13.7	20.5



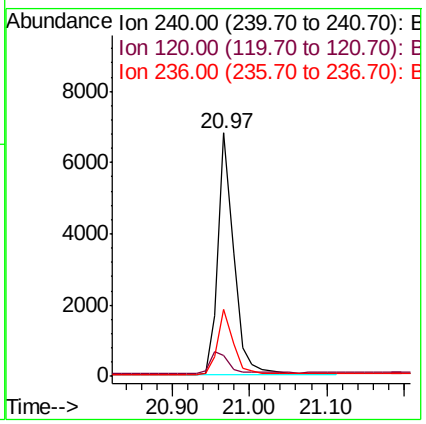


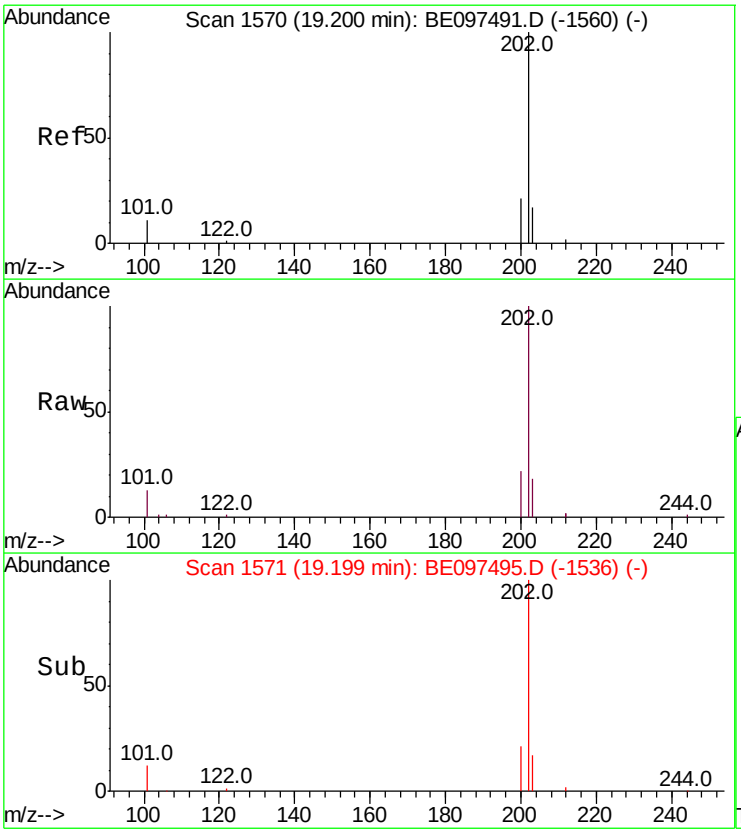
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:240 Resp: 9730

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.5	8.3#
236	27.7	20.7	31.1

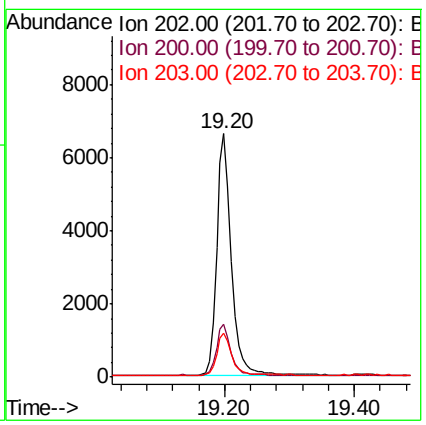


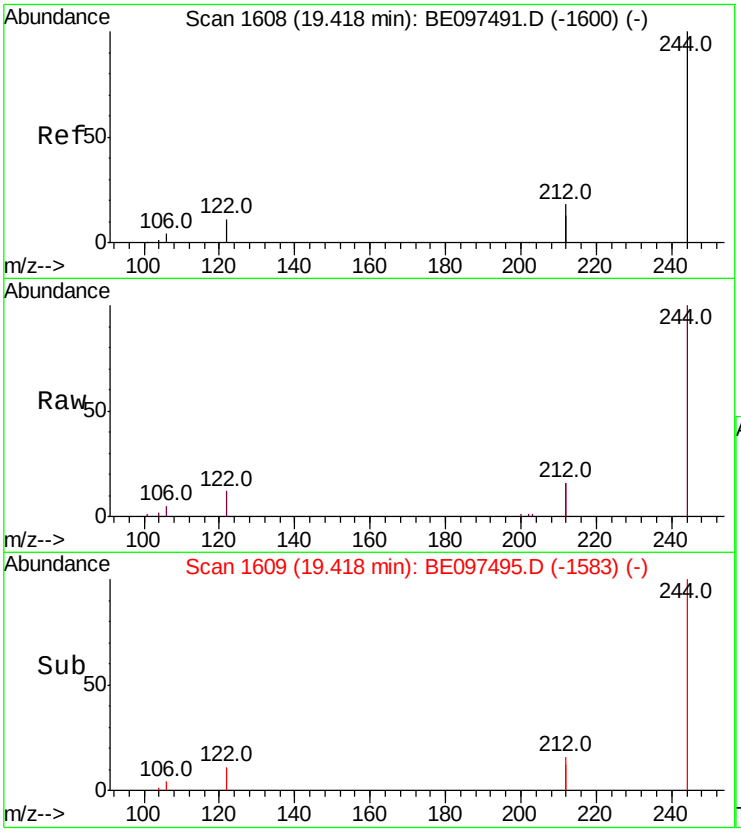


#28
Pyrene
Concen: 0.414 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:202 Resp: 10371

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.5	13.8	20.8



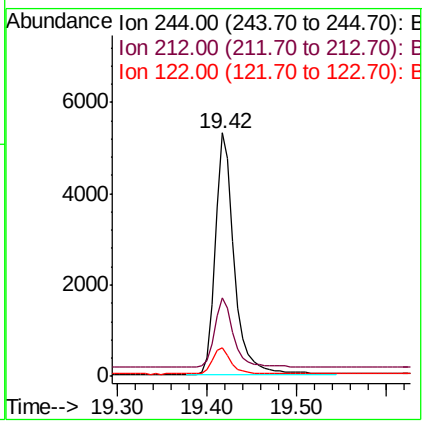


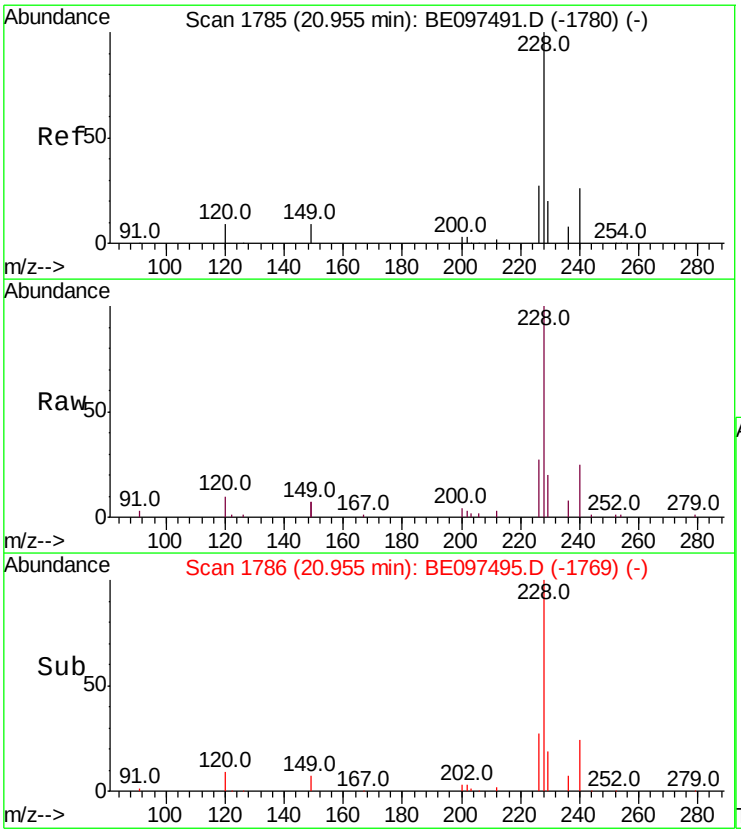
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.42 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:244 Resp: 7722

Ion	Ratio	Lower	Upper
244	100		
212	32.1	25.4	38.0
122	11.5	8.1	12.1

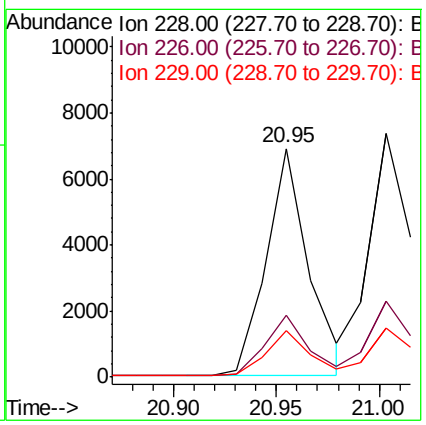


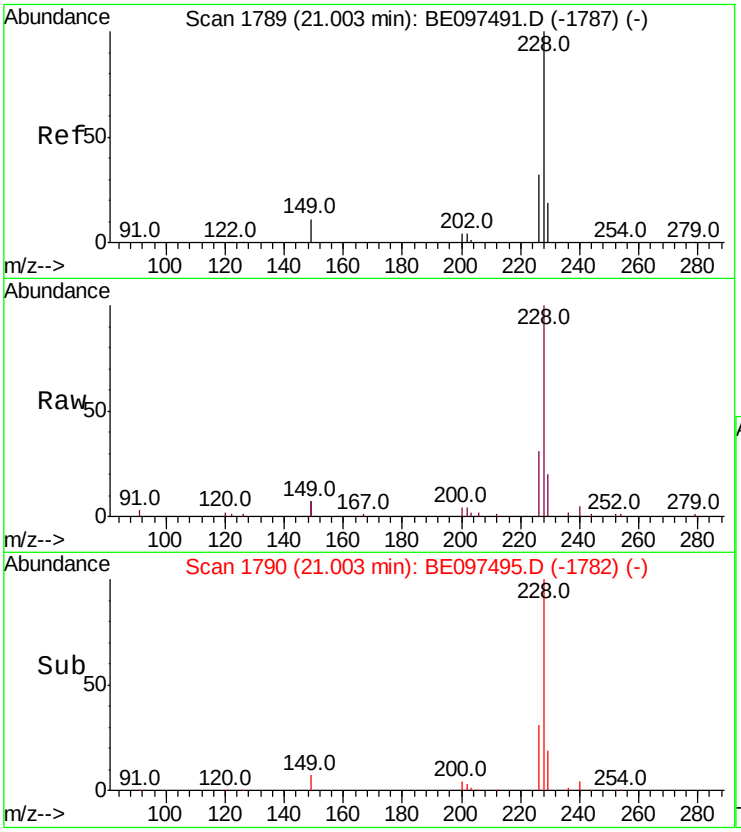


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:228 Resp: 9931

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.0	36.0
229	20.2	16.0	24.0



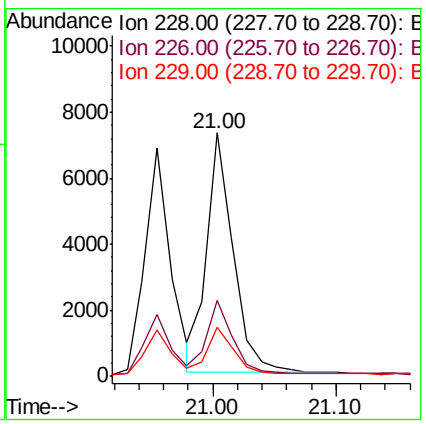


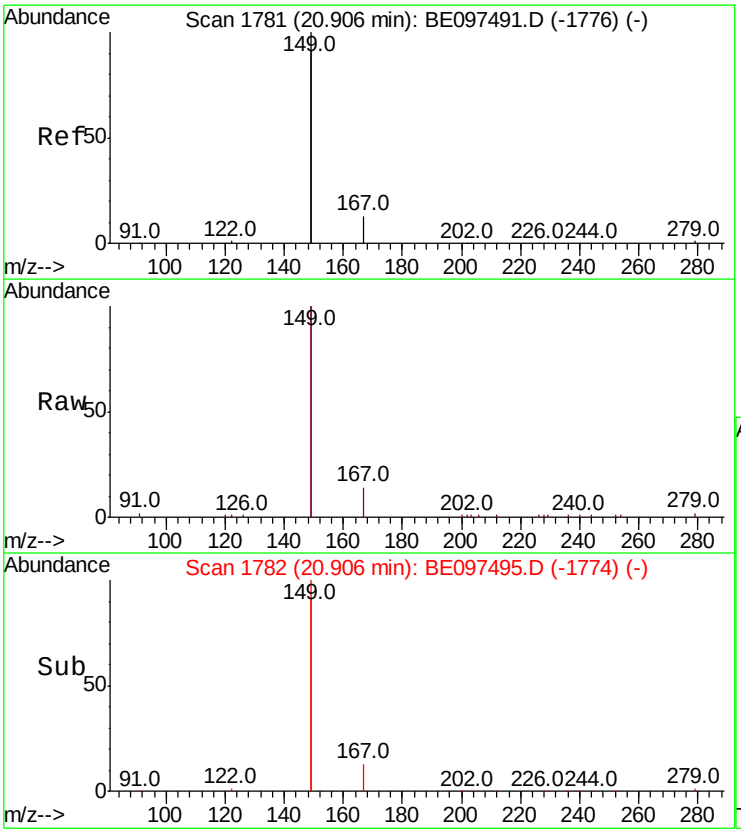
#31
Chrysene
Concen: 0.418 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:228 Resp: 10980

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	20.1	16.0	24.0

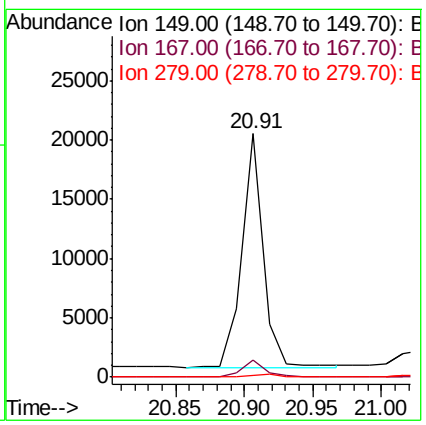


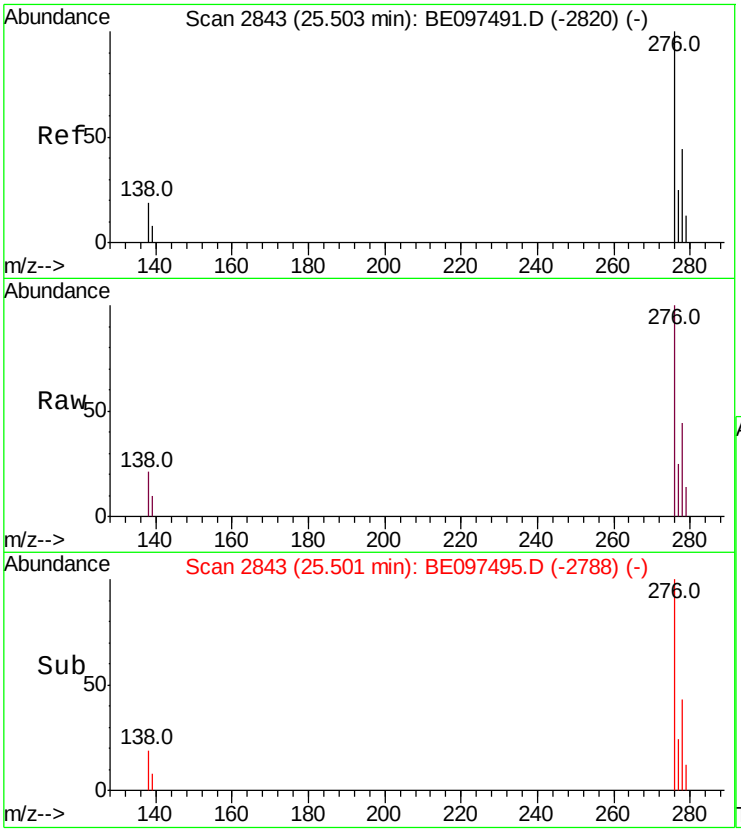


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 20.91 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:149 Resp: 21094

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1



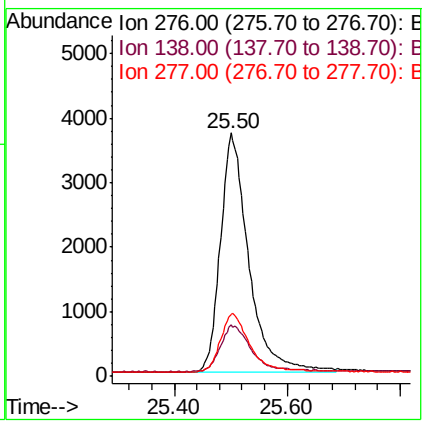


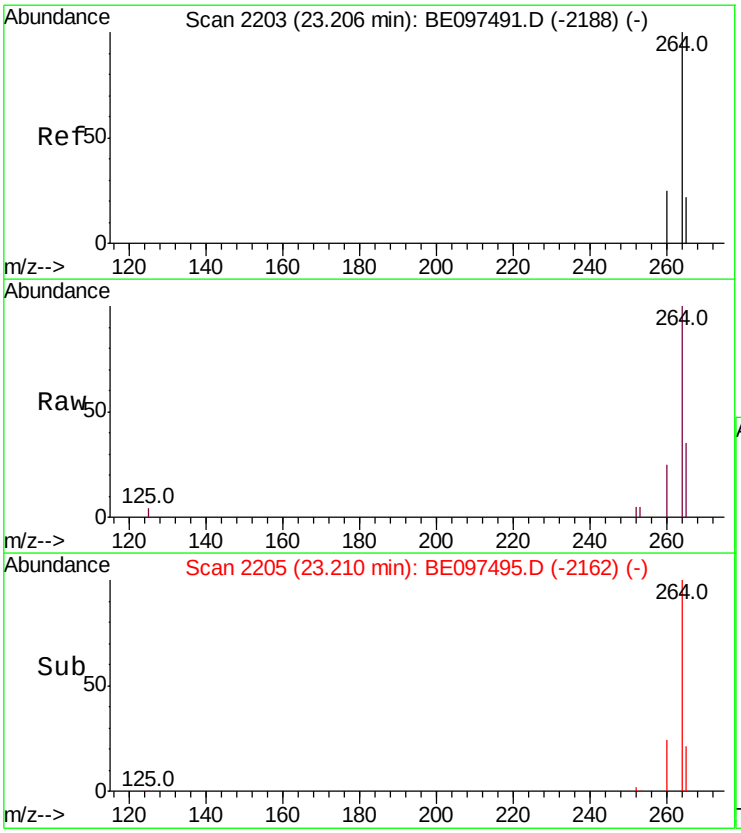
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 25.50 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:276 Resp: 12898

Ion	Ratio	Lower	Upper
276	100		
138	20.9	22.5	33.7#
277	25.3	19.9	29.9

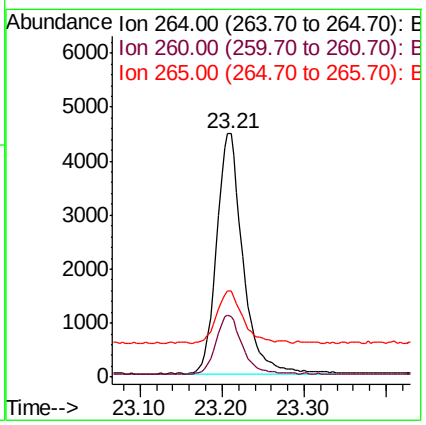


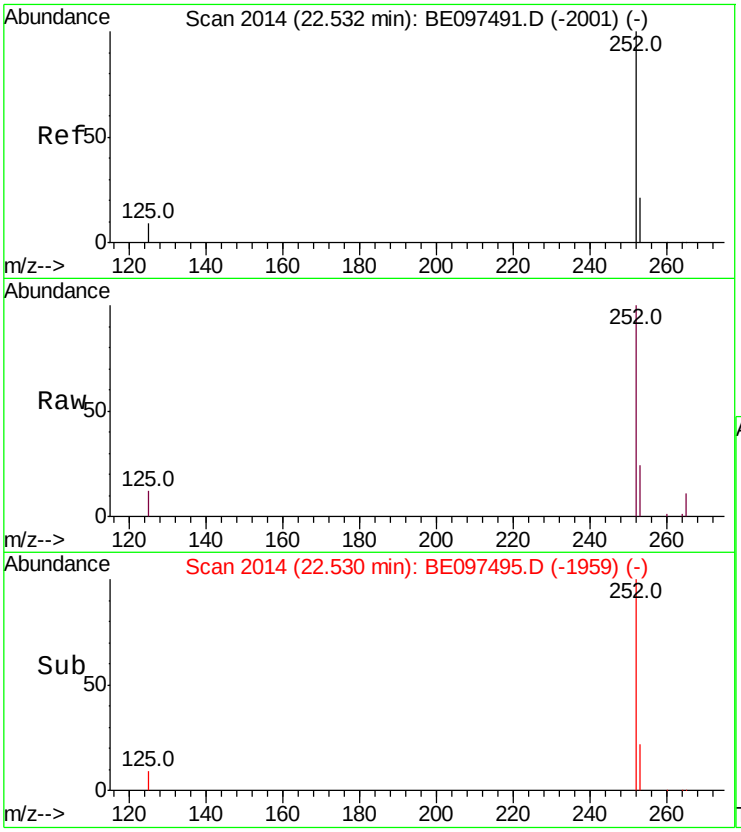


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:264 Resp: 9852

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	35.2	22.8	34.2#



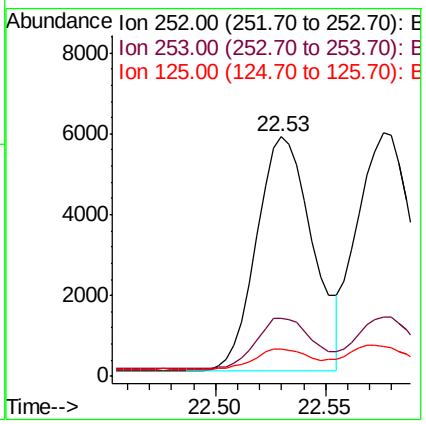


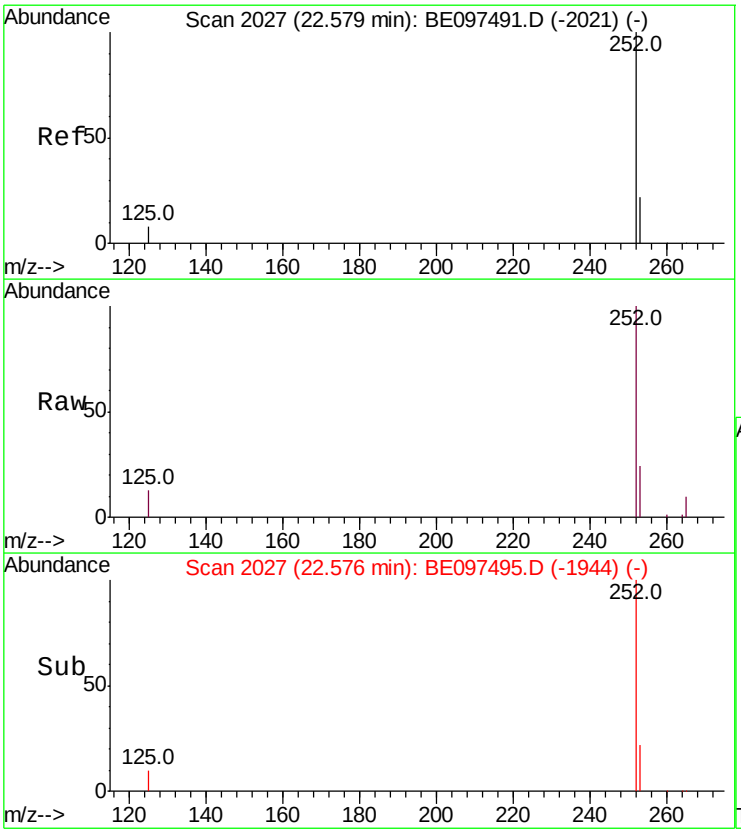
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:252 Resp: 10247

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	11.6	16.0	24.0#

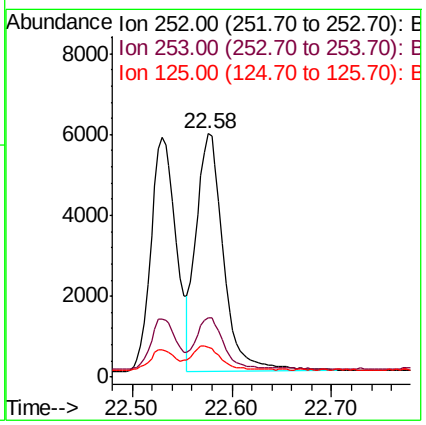


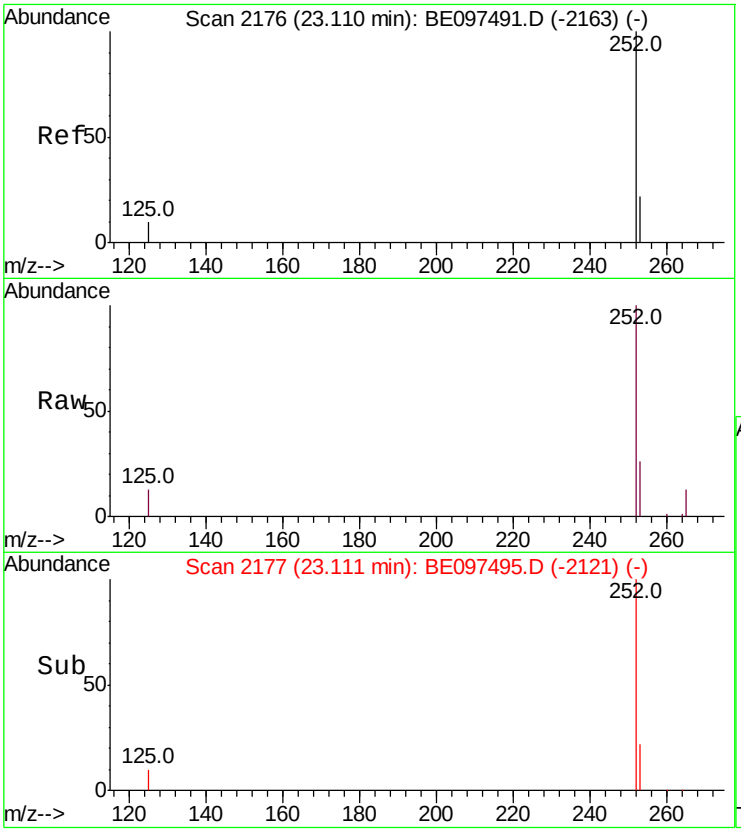


#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:252 Resp: 11148

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	12.5	8.0	12.0#



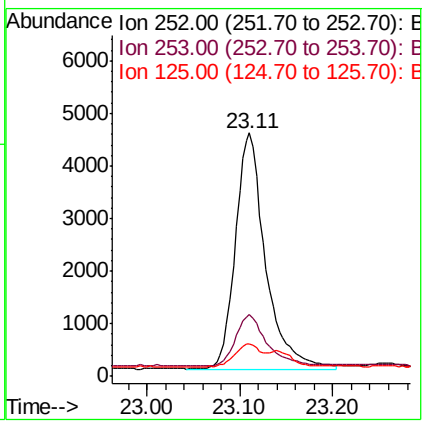


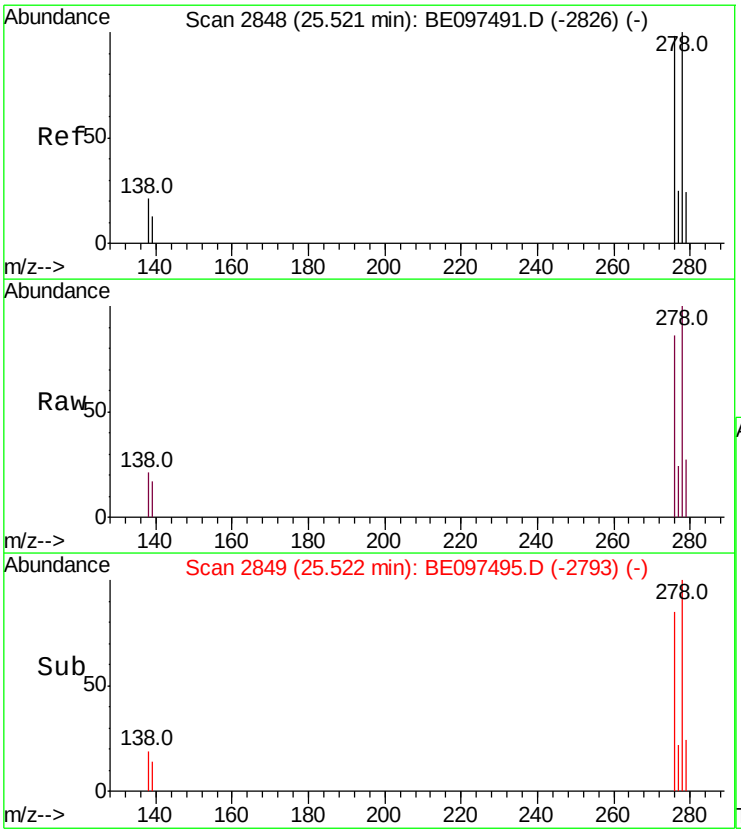
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:252 Resp: 10095

Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.0	24.0#
125	13.2	12.0	18.0

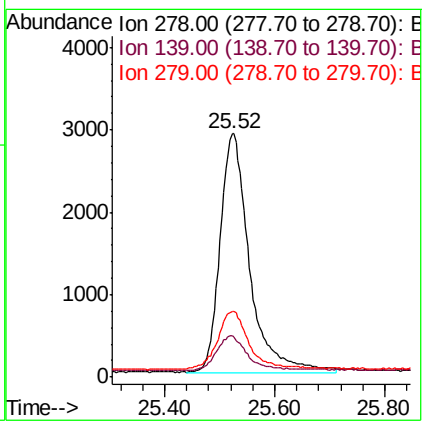


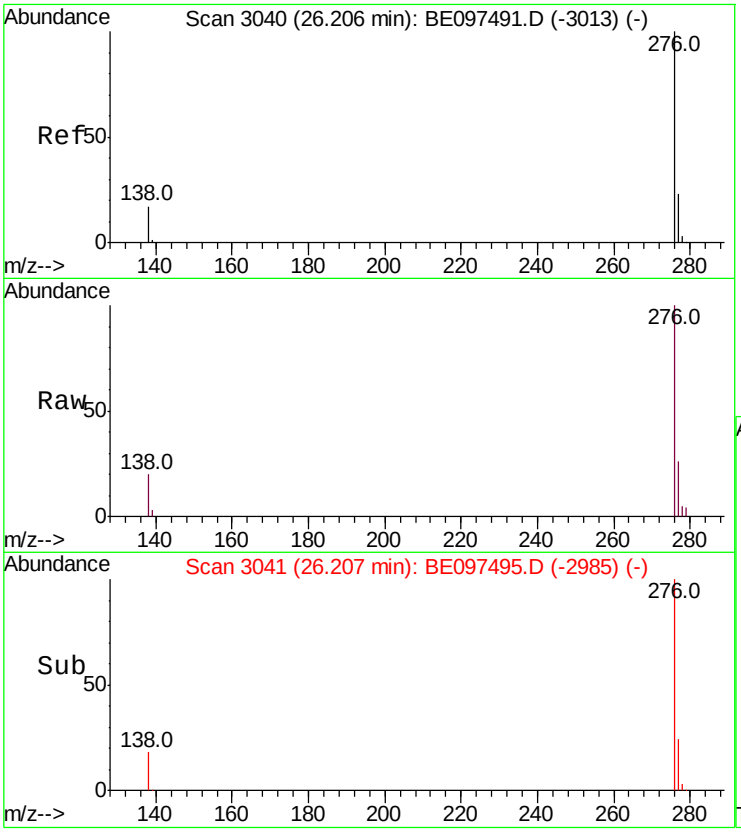


#38
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 25.52 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Tgt Ion:278 Resp: 10757

Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.0	24.0
279	27.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BE097495.D
Acq: 17 Sep 2018 14:01

Instrument :
BNA_E
ClientSampleId :
ICVBE091718

Tgt Ion:276 Resp: 10628

Ion	Ratio	Lower	Upper
276	100		
277	26.1	16.0	24.0#
138	19.8	20.0	30.0#