Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097511.D
Acq On : 18 Sep 2018 00:36
Operator : SJ/JU
Sample : J4741-34
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : AOC3-01-C

Quant Time: Sep 18 07:05:35 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 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	871	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	4187	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	2473	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	6981	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	8792	0.40	ng		0.00
34) Perylene-d12	23.20	264	8773	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	618	0.21	ng		0.00
5) Phenol-d6	6.60	99	475	0.13	ng		0.00
8) Nitrobenzene-d5	8.52	82	1556	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	11.70	152	2934	0.49	ng		-0.01
14) 2,4,6-Tribromophenol	15.51	330	646	0.49	ng		-0.02
15) 2-Fluorobiphenyl	12.62	172	5087	0.59	ng		0.00
25) Fluoranthene-d10	18.80	212	43493	0.52	ng		0.00
29) Terphenyl-d14	19.41	244	8971	0.53	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.17	128	608698	16.014	ng		99
12) 2-Methylnaphthalene	11.78	142	14712	2.420	ng		99
16) Acenaphthylene	13.71	152	1117	0.104	ng	#	83
17) Acenaphthene	14.06	154	5472	0.824	ng		96
18) Fluorene	15.05	166	5682	0.671	ng	#	80
23) Phenanthrene	16.80	178	11590	0.706	ng		99
24) Anthracene	16.89	178	1119	0.074	ng	#	91
26) Fluoranthene	18.83	202	2710	0.127	ng		100
28) Pyrene	19.19	202	2176	0.096	ng	#	94
32) Bis(2-ethylhexyl)phthalate	20.91	149	5736	0.117	ng	#	99

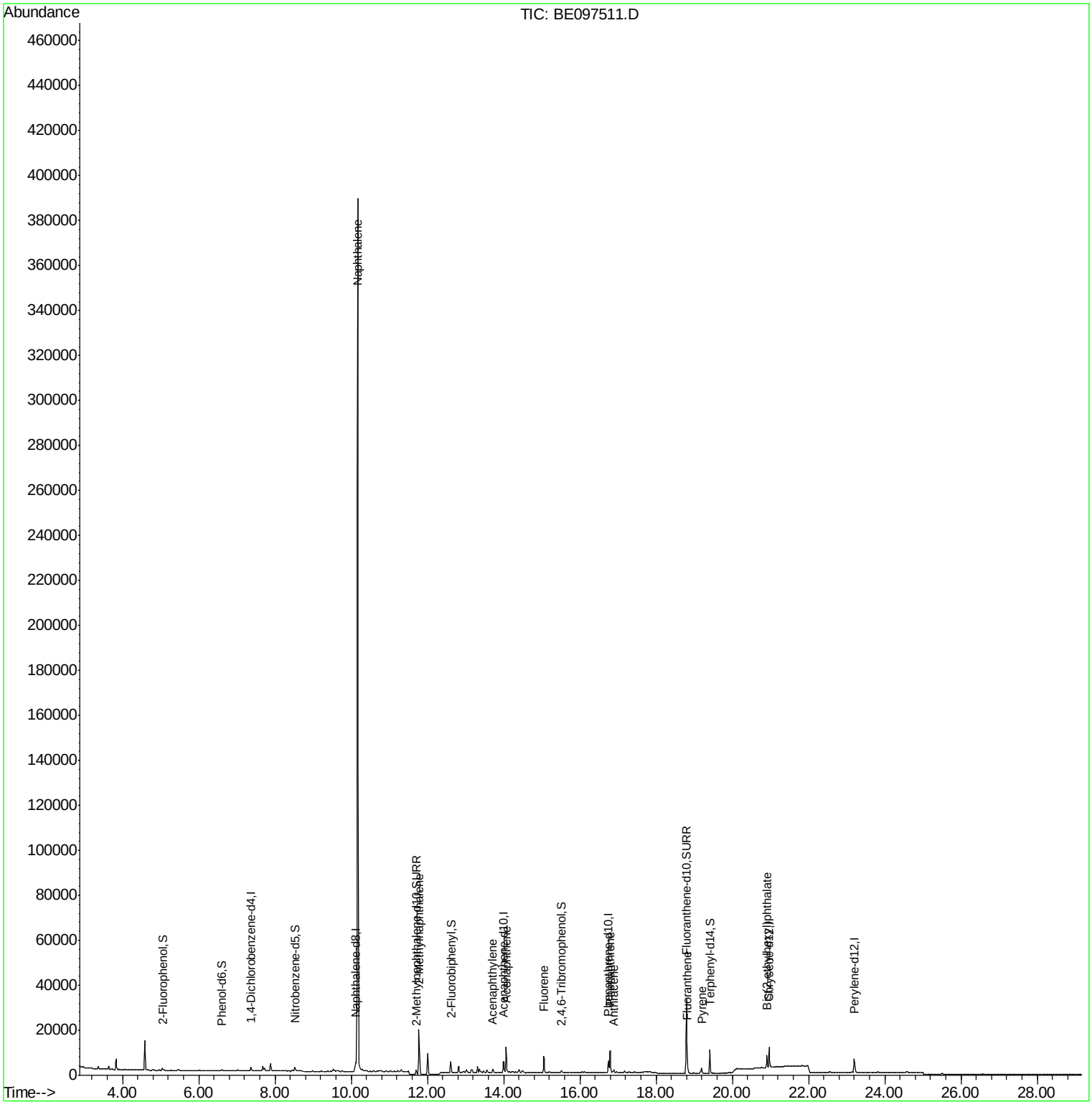
(#) = qualifier out of range (m) = manual integration (+) = signals summed

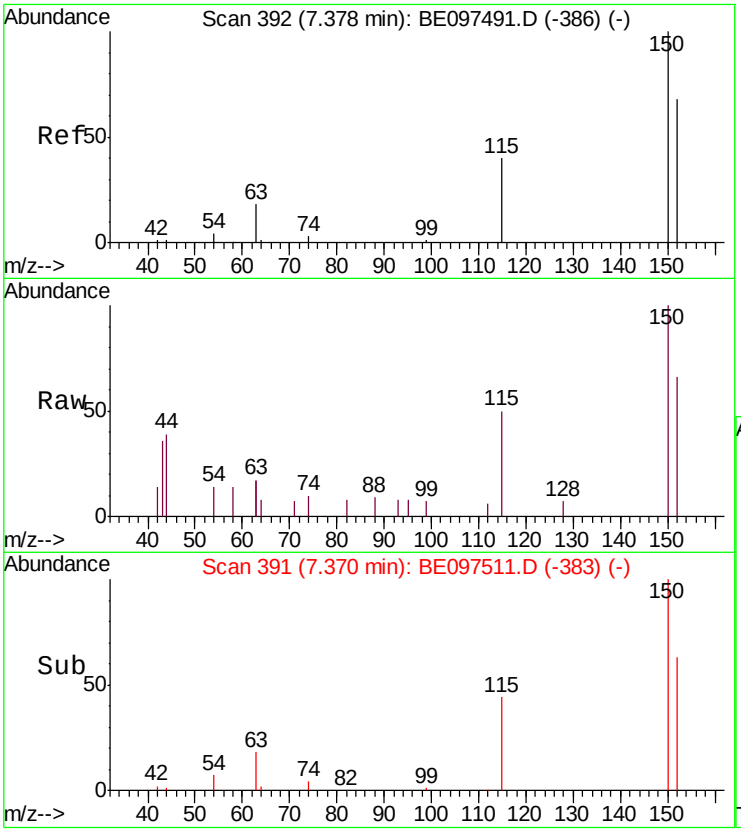
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097511.D
Acq On : 18 Sep 2018 00:36
Operator : SJ/JU
Sample : J4741-34
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Quant Time: Sep 18 07:05:35 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 18:57:11 2018
Response via : Initial Calibration



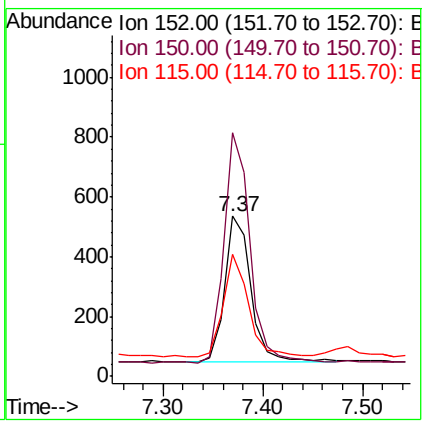


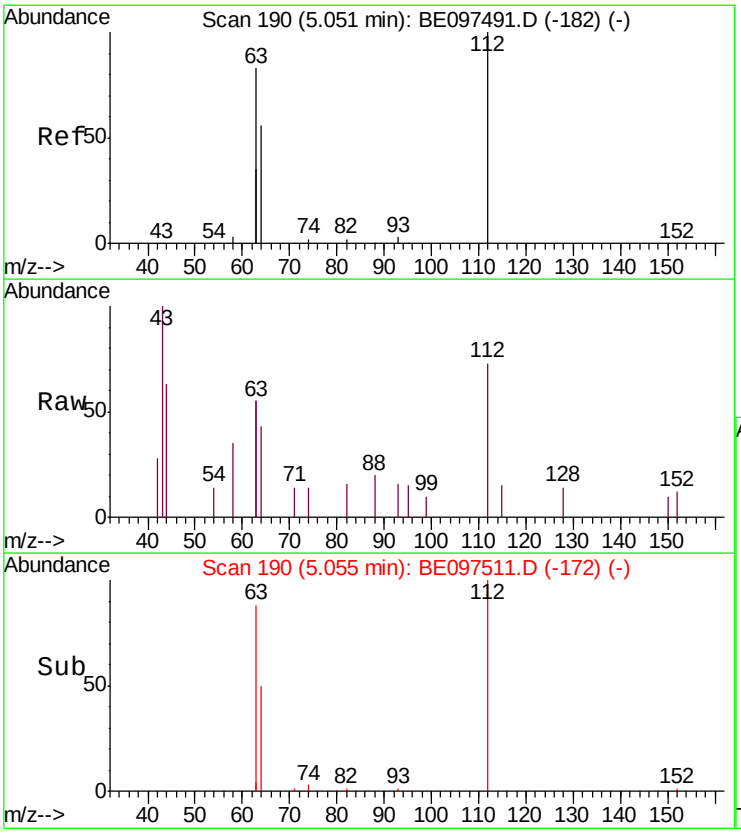
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:152 Resp: 871

Ion	Ratio	Lower	Upper
152	100		
150	152.1	117.2	175.8
115	76.4	57.0	85.6

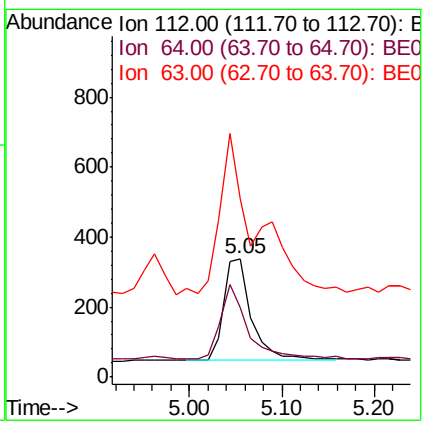


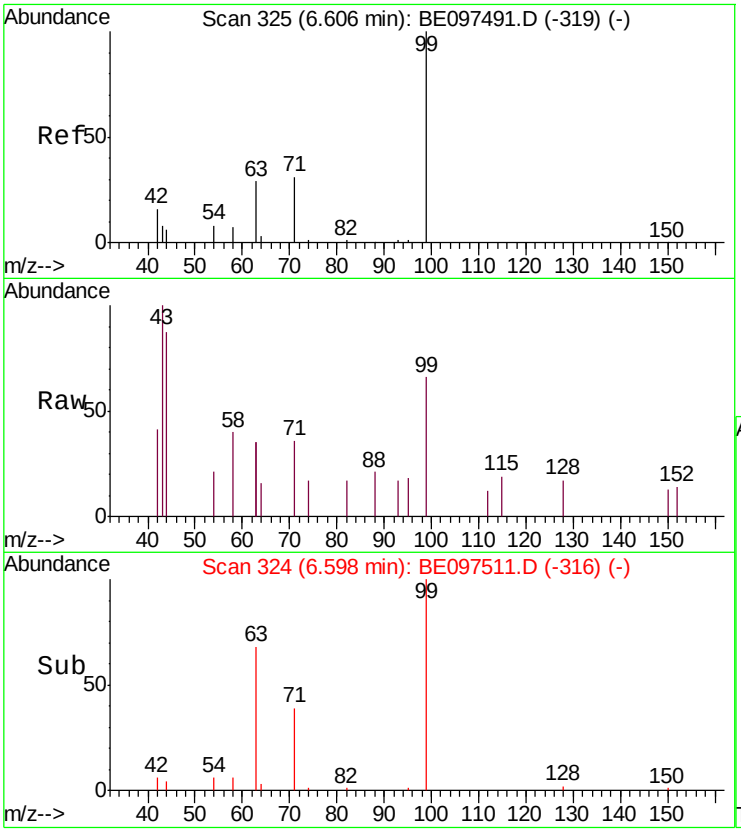


#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:112 Resp: 618

Ion	Ratio	Lower	Upper
112	100		
64	69.1	60.1	90.1
63	203.2	116.8	175.2#



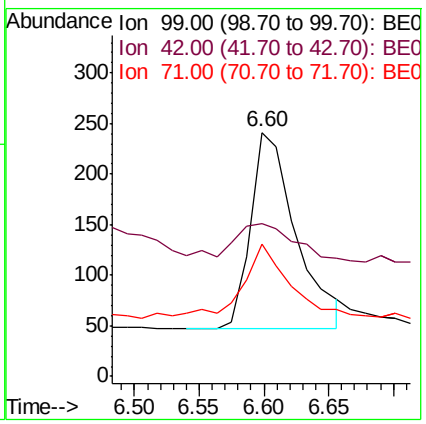


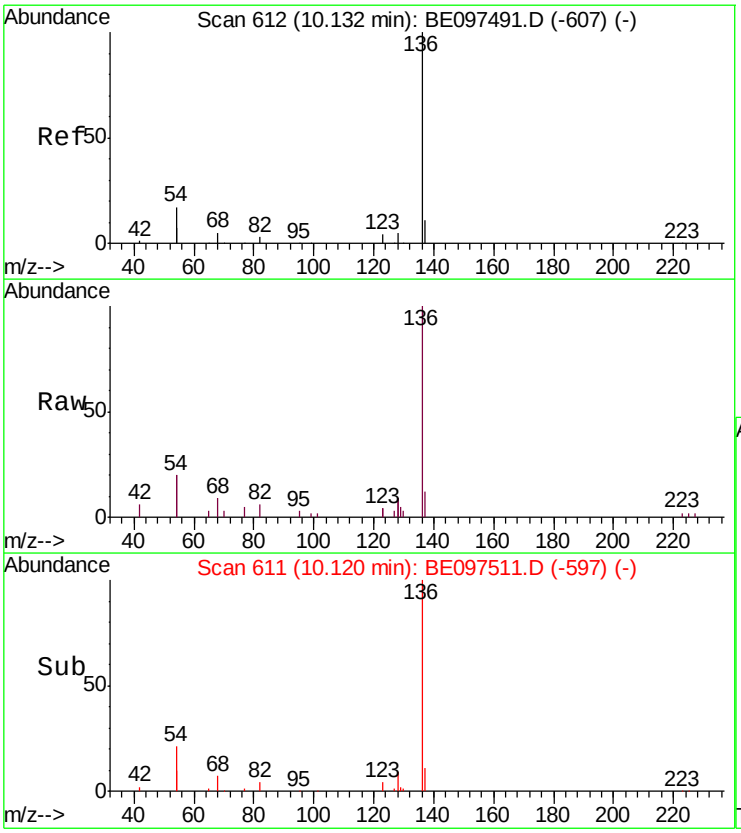
#5
Phenol-d6
Concen: 0.127 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion: 99 Resp: 475

Ion	Ratio	Lower	Upper
99	100		
42	20.4	20.2	30.2
71	34.5	28.4	42.6

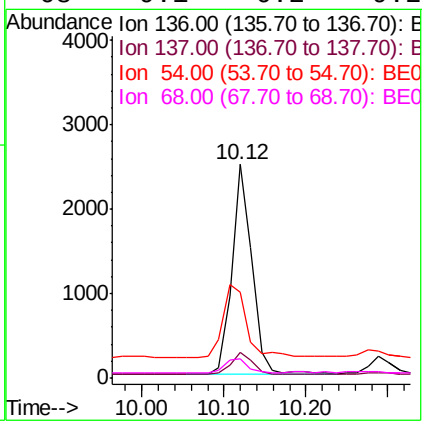


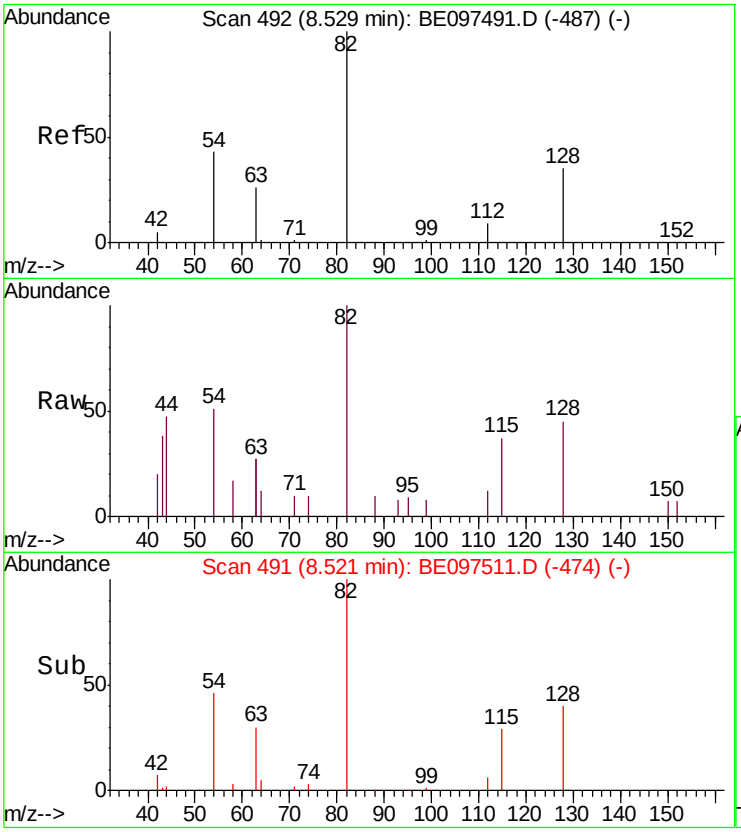


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:136 Resp: 4187

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	40.3	29.1	43.7
68	9.1	6.2	9.2



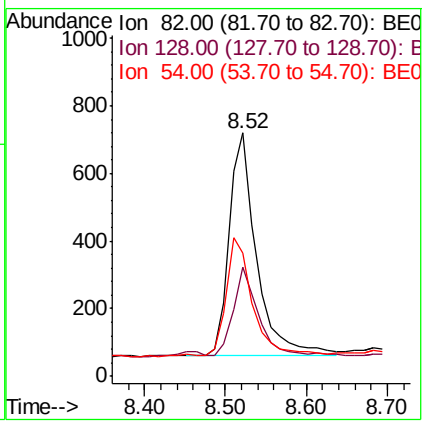


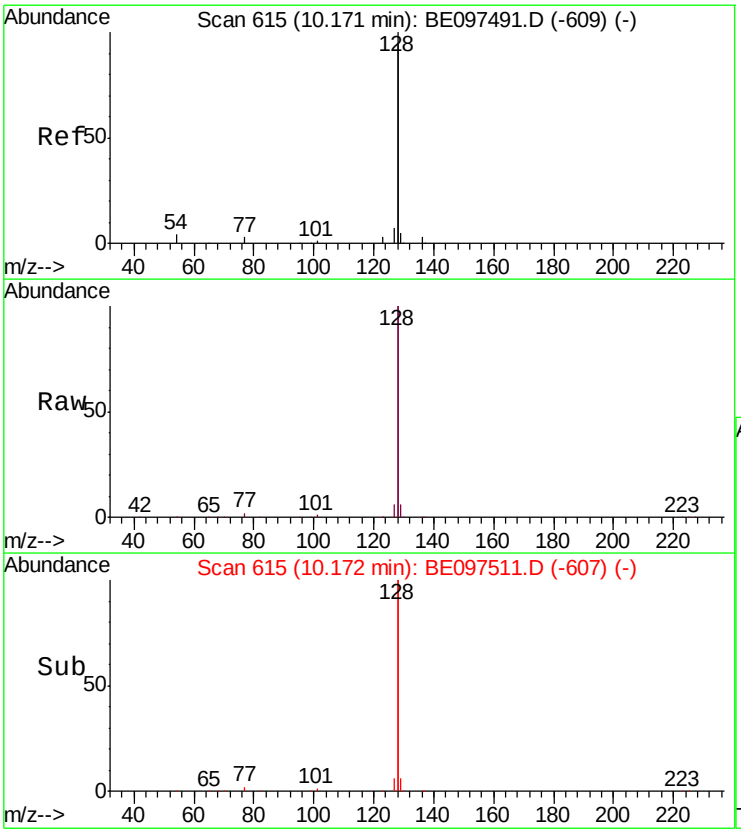
#8
Nitrobenzene-d5
Concen: 0.462 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion: 82 Resp: 1556

Ion	Ratio	Lower	Upper
82	100		
128	44.7	24.0	36.0#
54	50.8	40.0	60.0

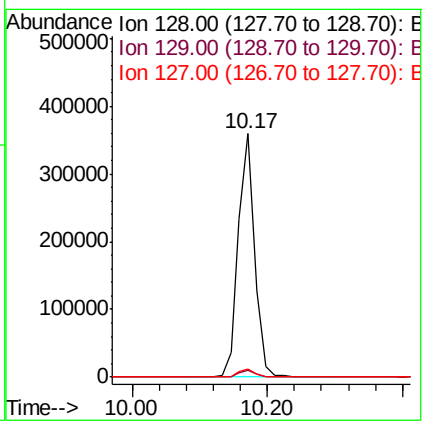


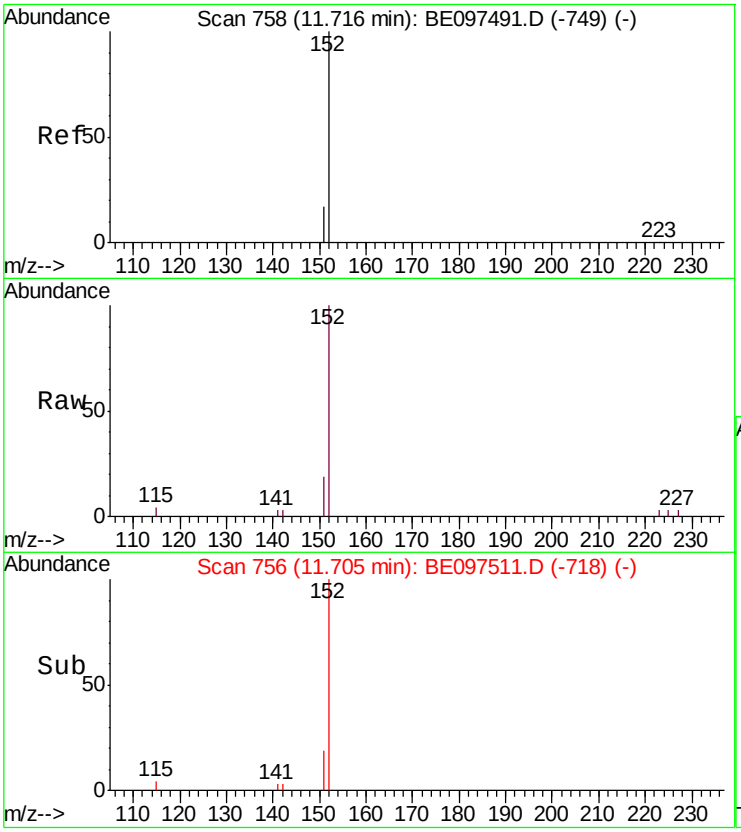


#9
Naphthalene
Concen: 16.014 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:128 Resp: 608698

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.2	2.8	4.2



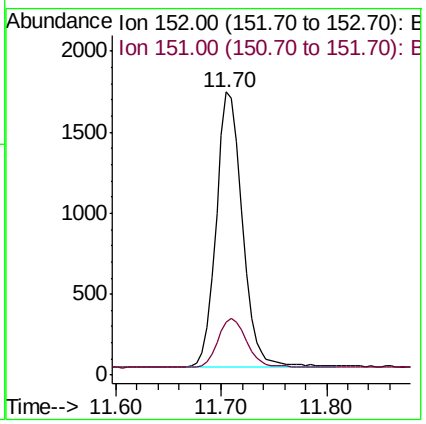


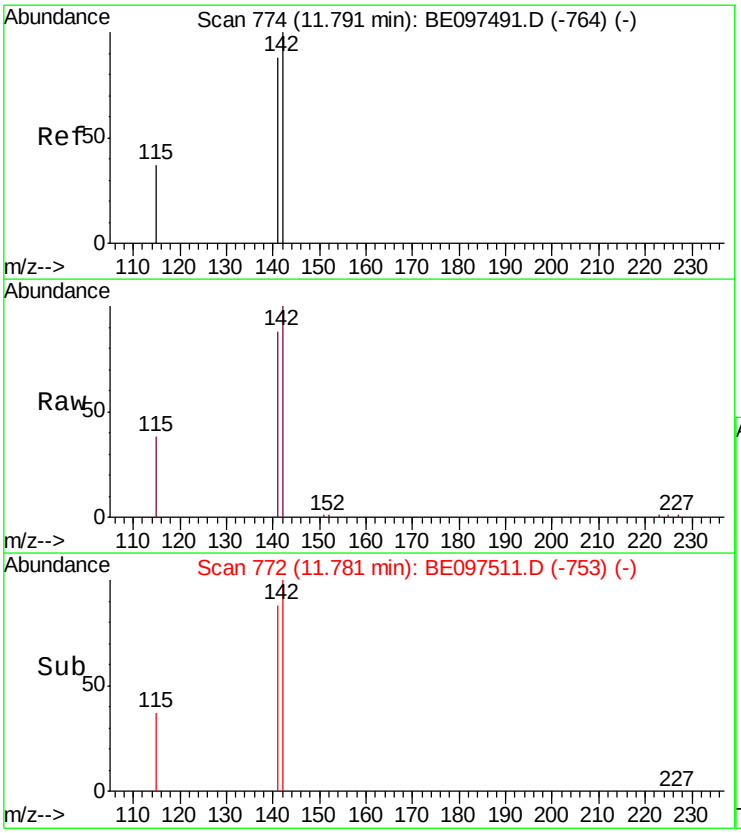
#11
2-Methylnaphthalene-d10
Concen: 0.490 ng
RT: 11.70 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:152 Resp: 2934

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

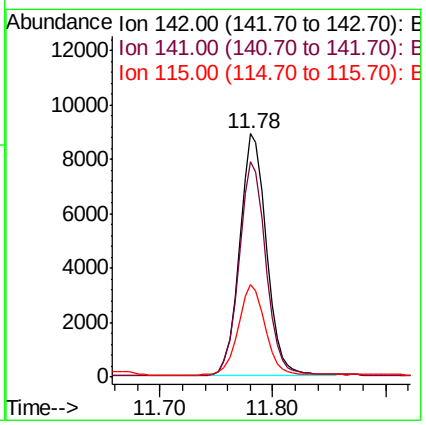


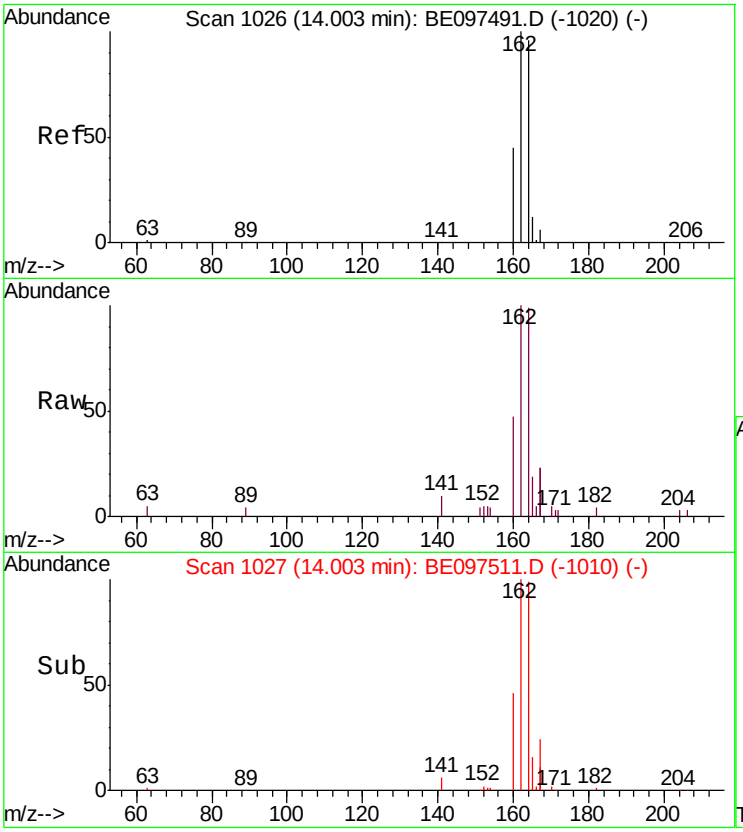


#12
2-Methylnaphthalene
Concen: 2.420 ng
RT: 11.78 min Scan# 772
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:142 Resp: 14712

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	38.0	31.7	47.5



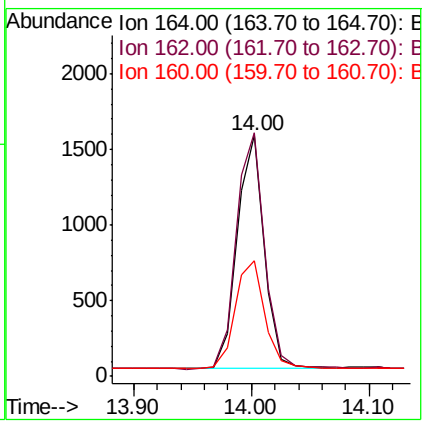


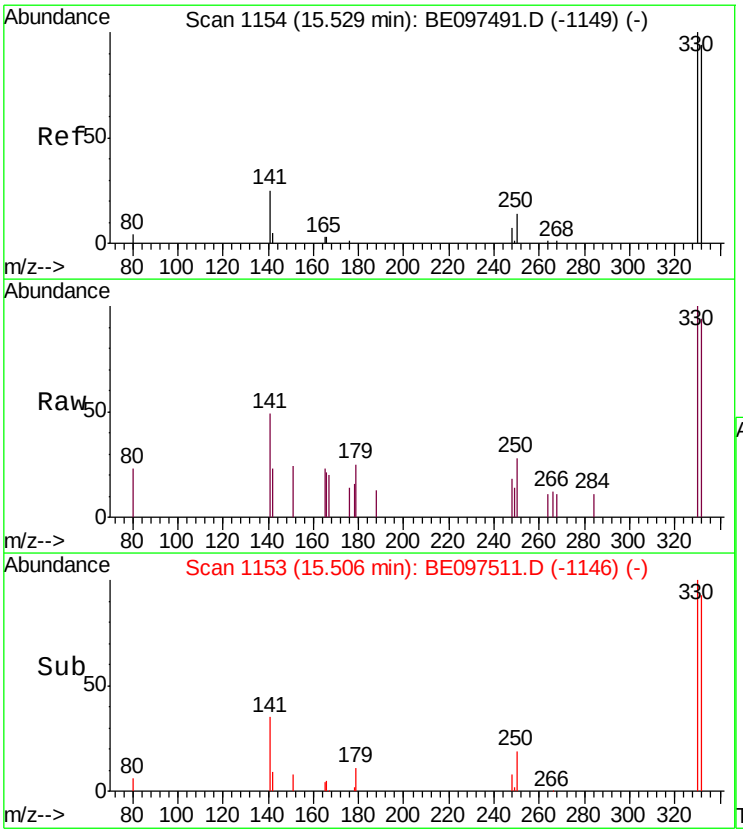
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:164 Resp: 2473

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.1	124.7
160	47.9	37.1	55.7

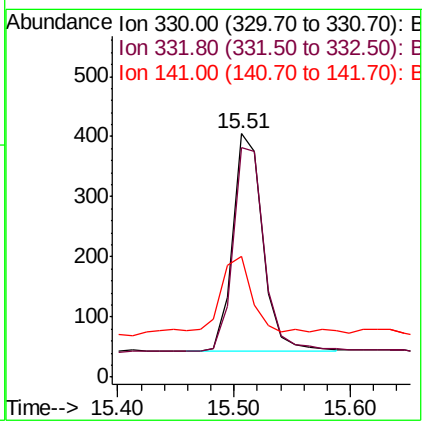


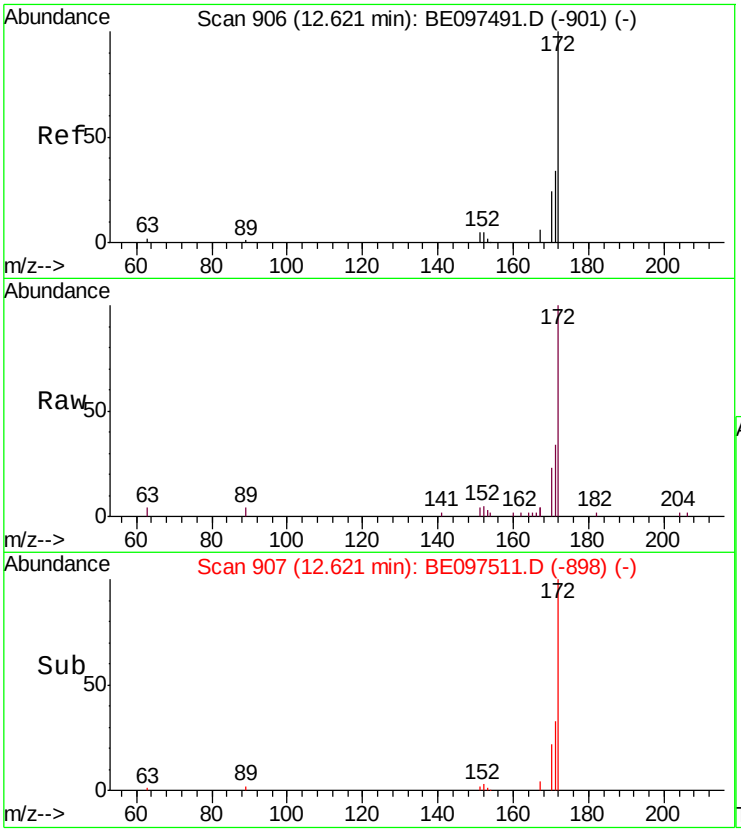


#14
2,4,6-Tribromophenol
Concen: 0.495 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:330 Resp: 646

Ion	Ratio	Lower	Upper
330	100		
332	97.4	152.7	229.1#
141	33.3	33.7	50.5#



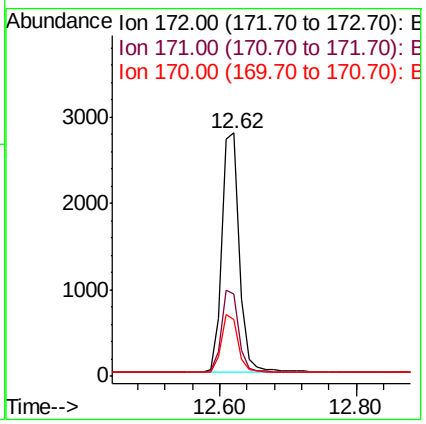


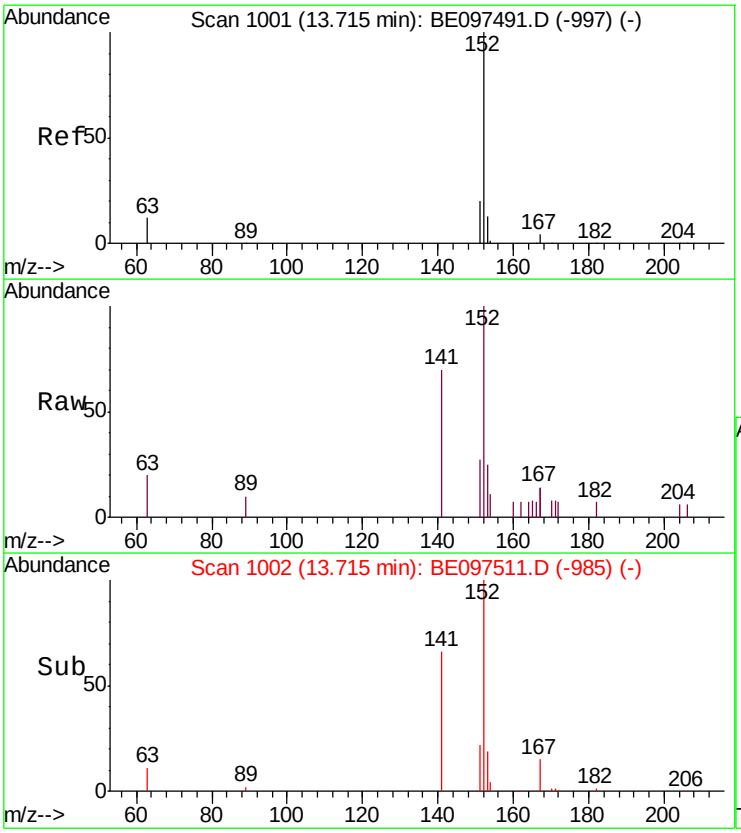
#15
2-Fluorobiphenyl
Concen: 0.589 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:172 Resp: 5087

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	23.1	21.8	32.8

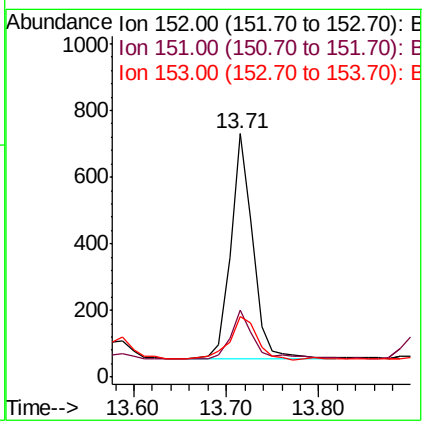


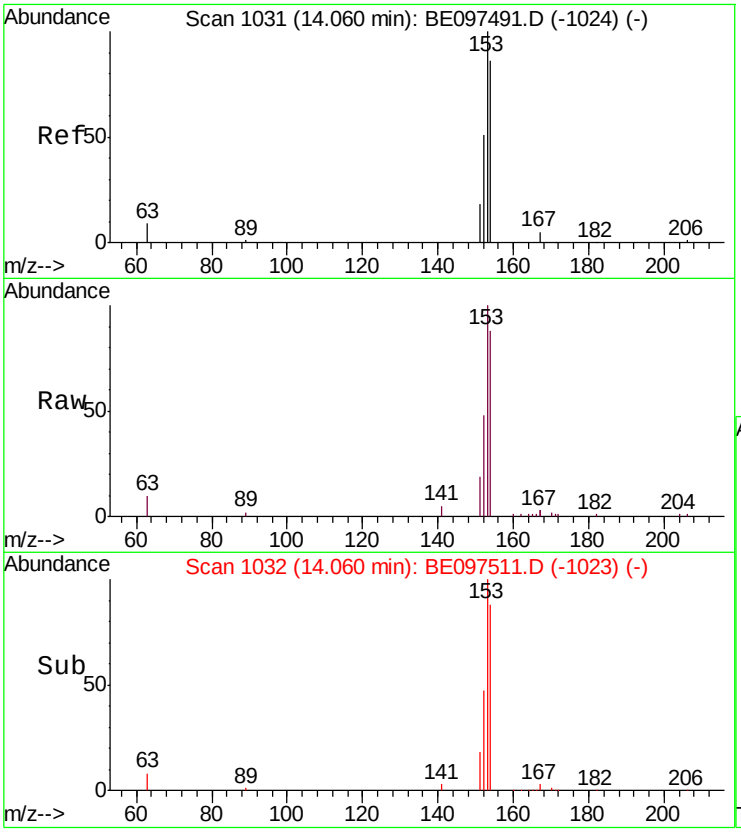


#16
Acenaphthylene
Concen: 0.104 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:152 Resp: 1117

Ion	Ratio	Lower	Upper
152	100		
151	24.2	15.7	23.5#
153	23.7	10.5	15.7#



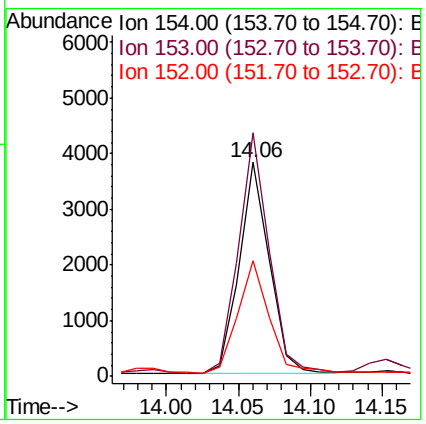


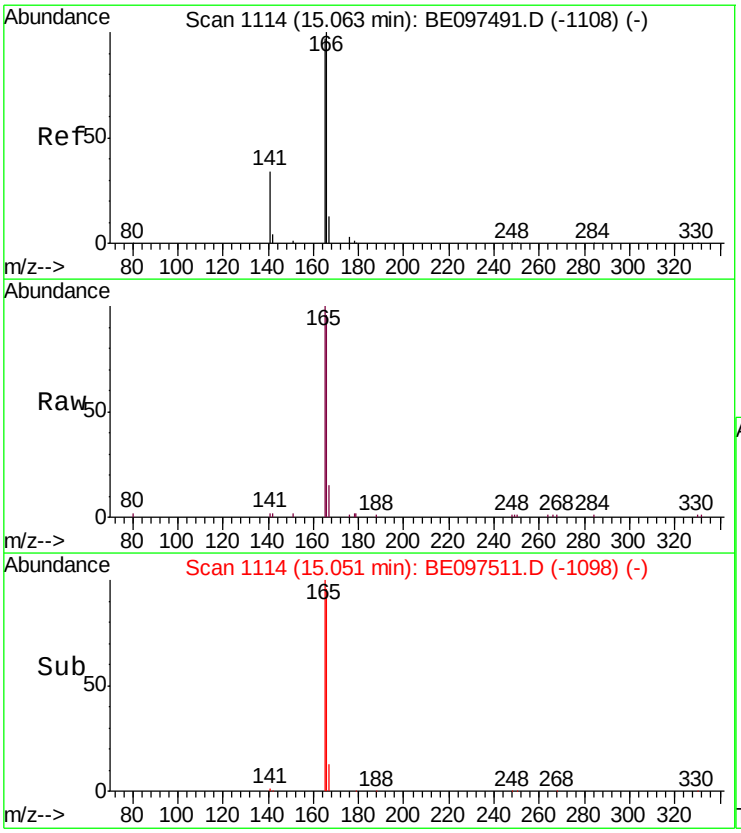
#17
Acenaphthene
Concen: 0.824 ng
RT: 14.06 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:154 Resp: 5472

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.2	133.8
152	55.7	42.0	63.0

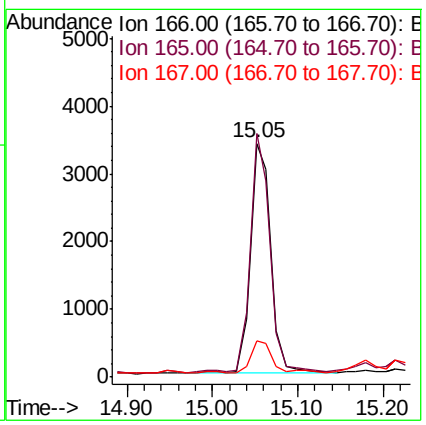


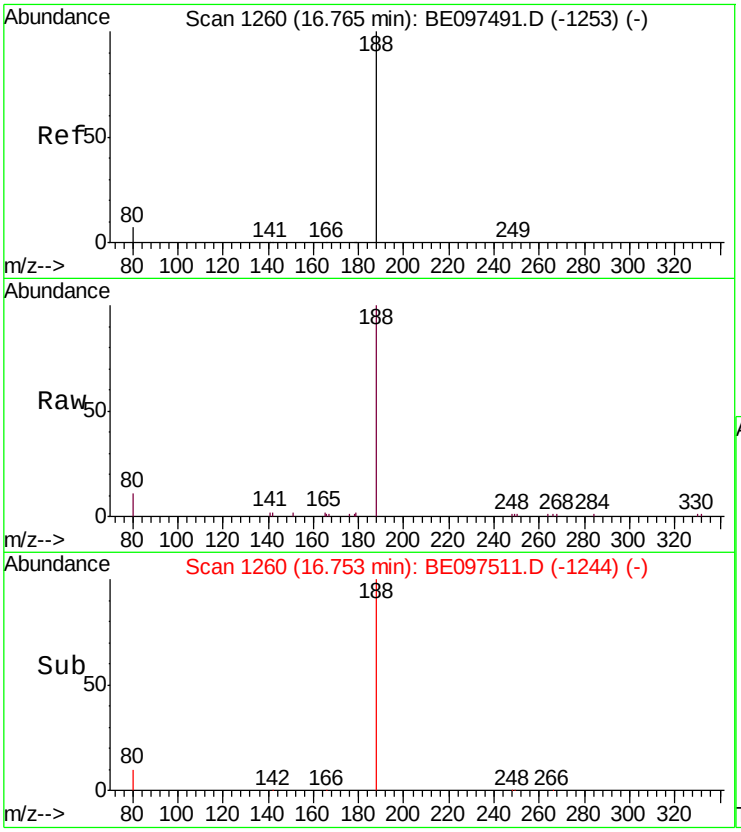


#18
Fluorene
Concen: 0.671 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:166 Resp: 5682

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.6
167	15.3	42.4	63.6#



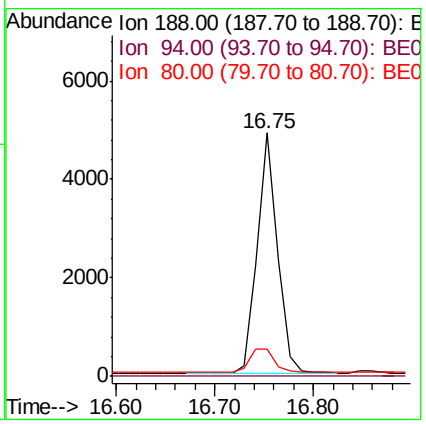


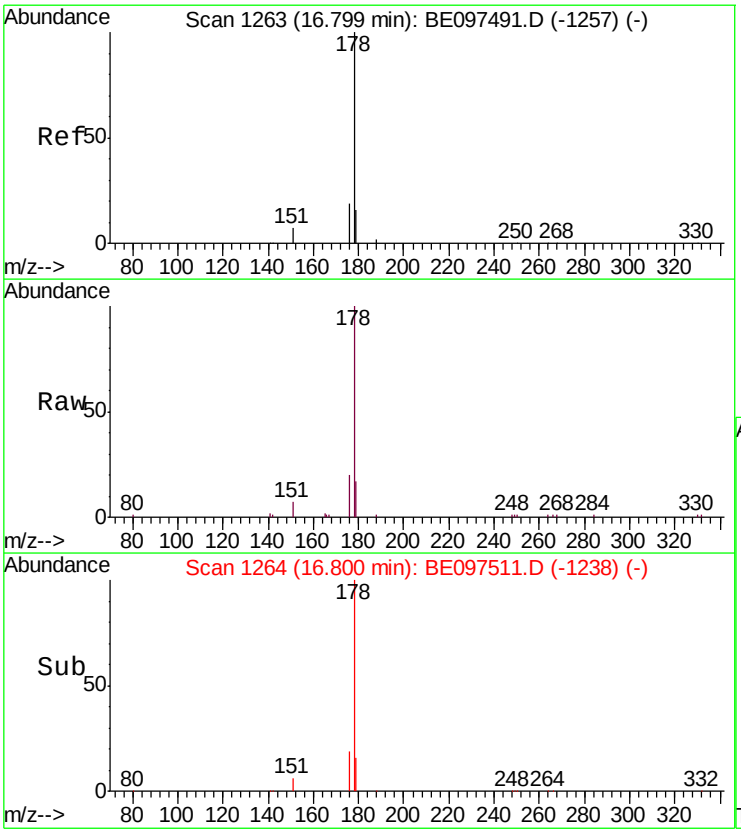
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:188 Resp: 6981

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.2	3.6	5.4#

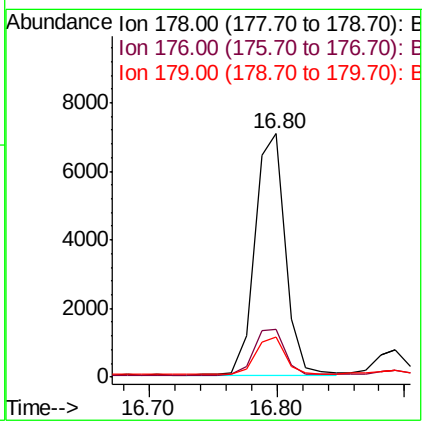


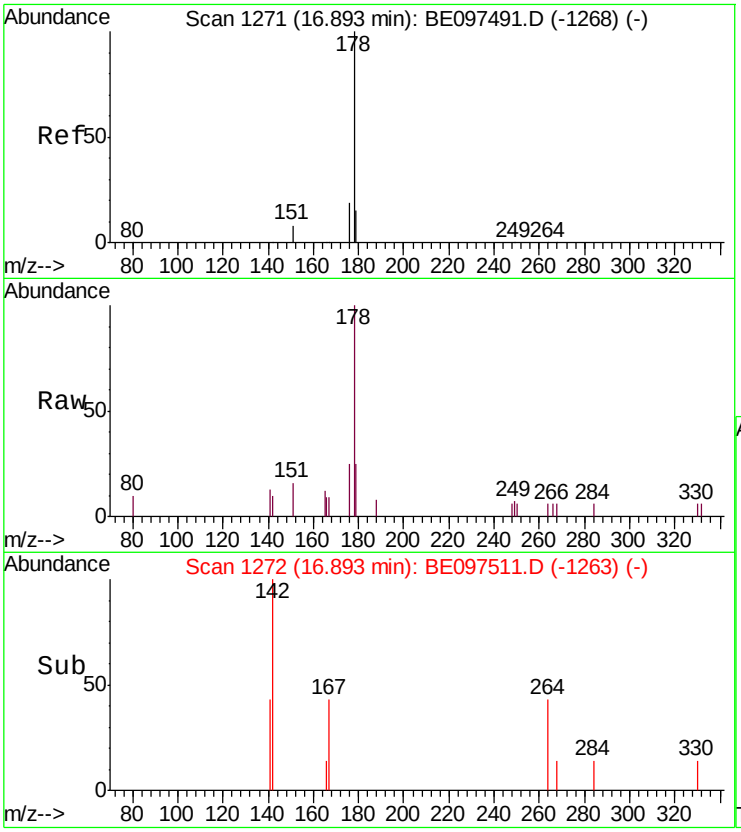


#23
Phenanthrene
Concen: 0.706 ng
RT: 16.80 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:178 Resp: 11590

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.5	11.8	17.6



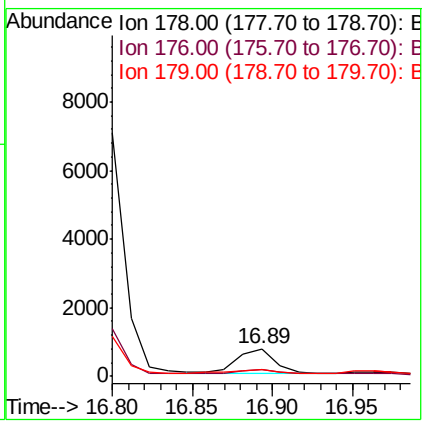


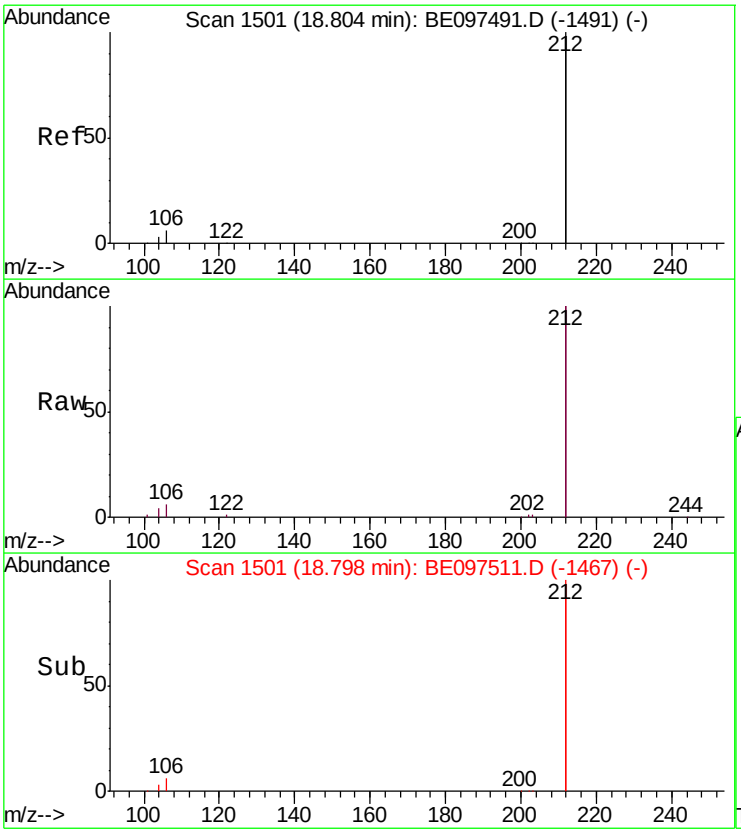
#24
Anthracene
Concen: 0.074 ng
RT: 16.89 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:178 Resp: 1119

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	20.9	13.0	19.6#

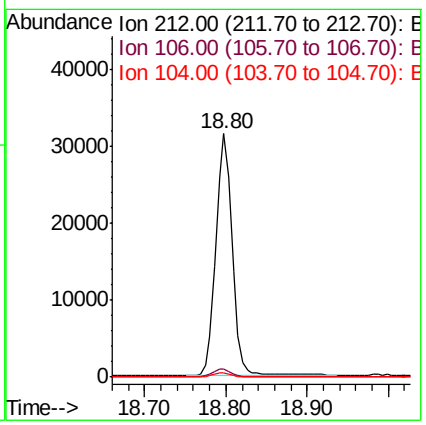


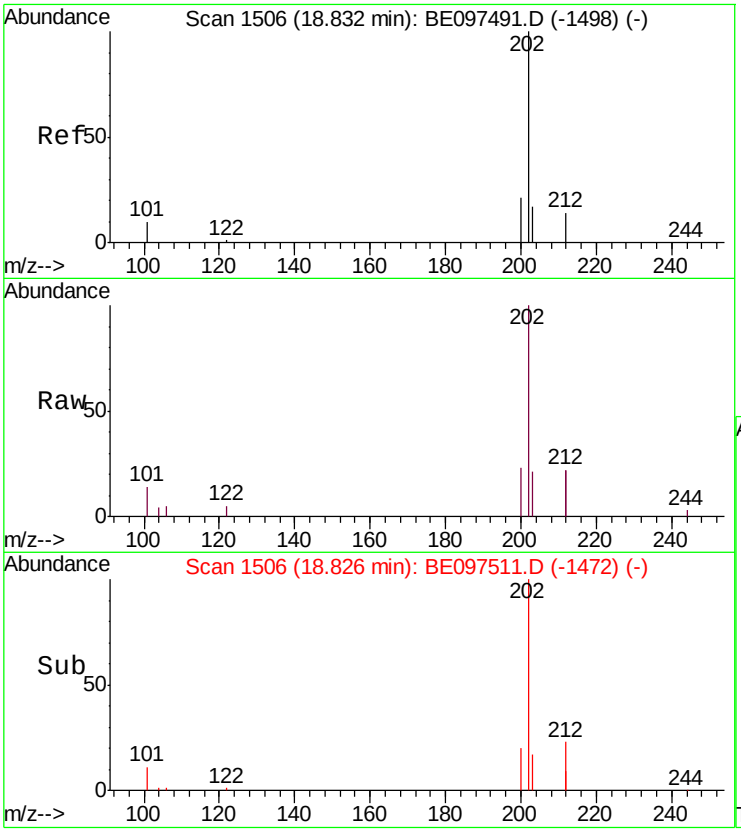


#25
Fluoranthene-d10
Concen: 0.519 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:212 Resp: 43493

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4



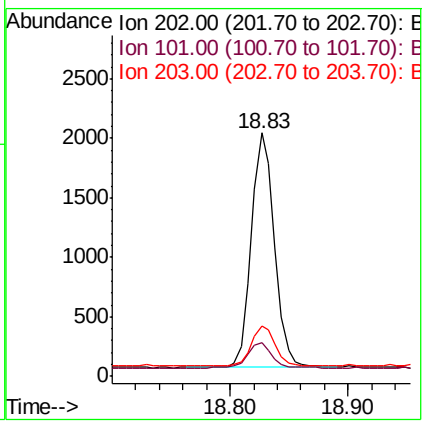


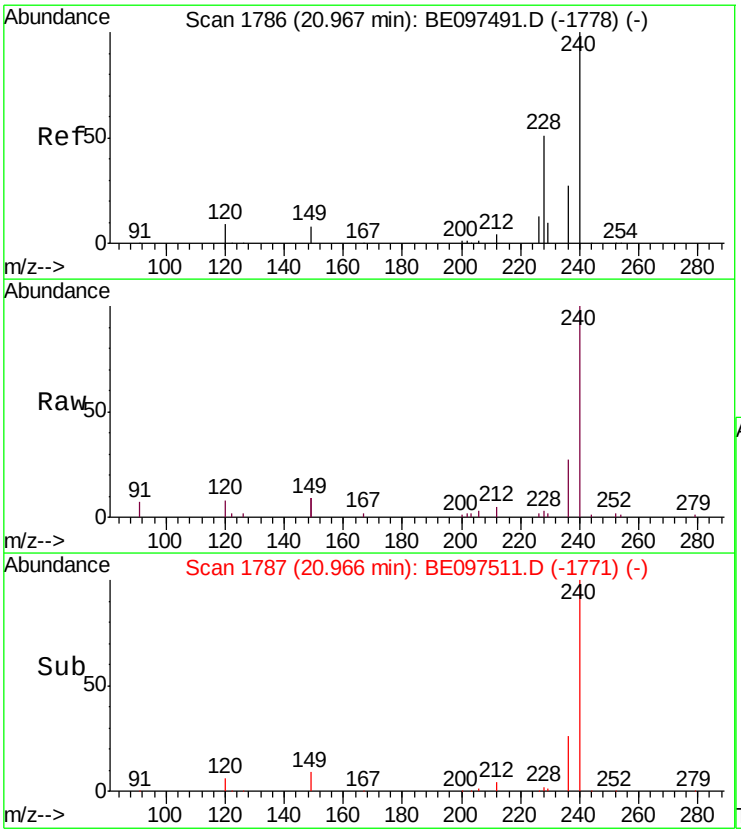
#26
Fluoranthene
Concen: 0.127 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:202 Resp: 2710

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.2	13.7	20.5

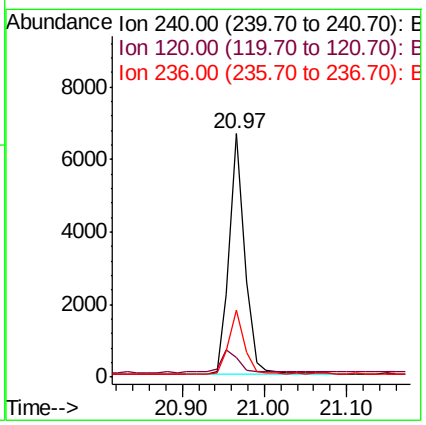


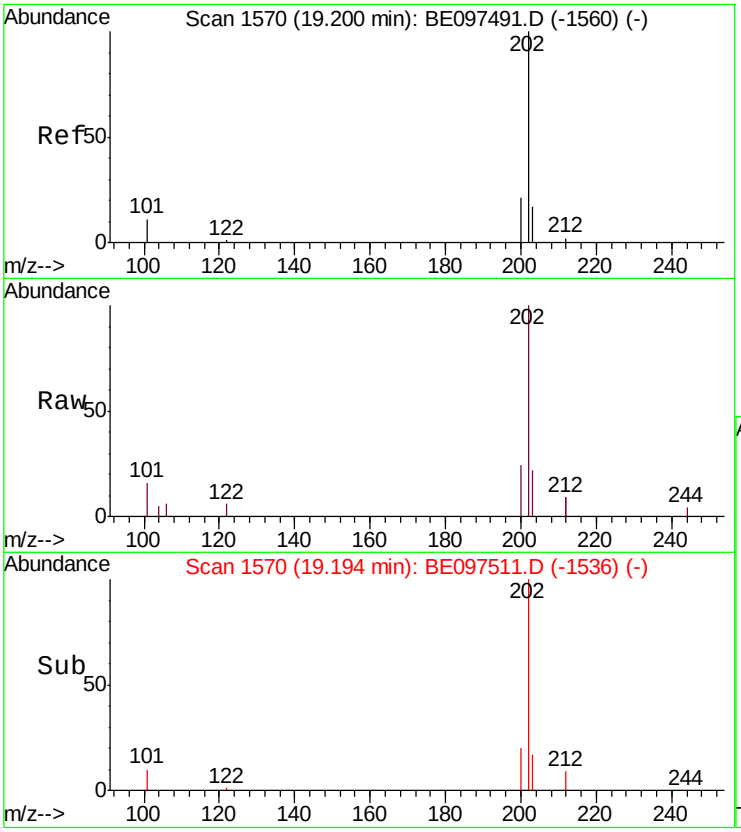


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:240 Resp: 8792

Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.5	8.3
236	27.3	20.7	31.1



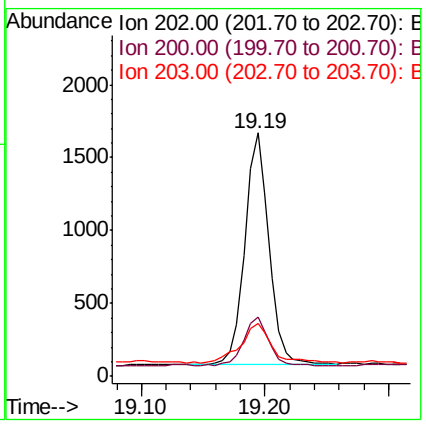


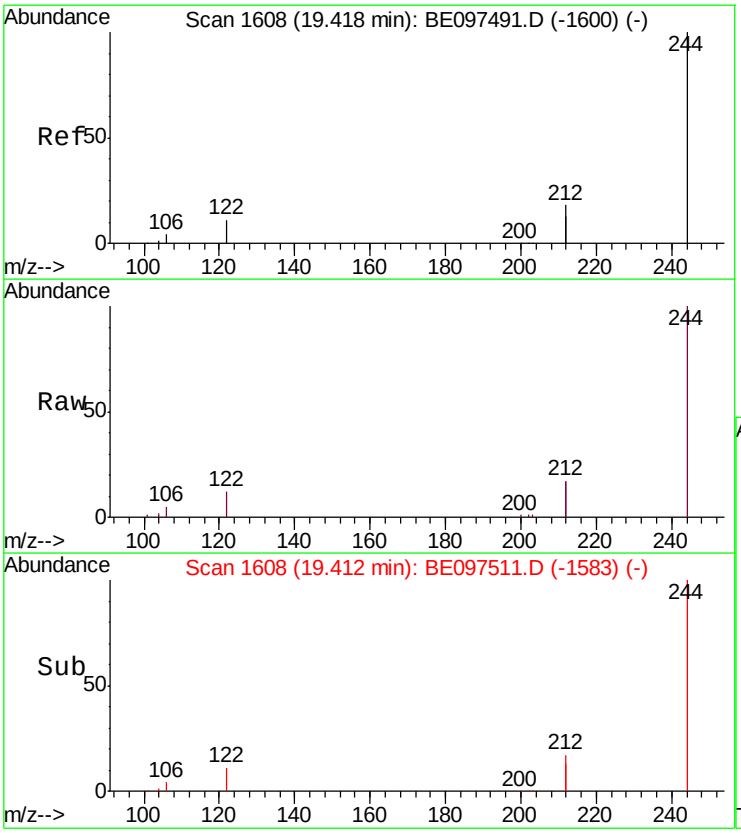
#28
Pyrene
Concen: 0.096 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:202 Resp: 2176

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	22.6	13.8	20.8#

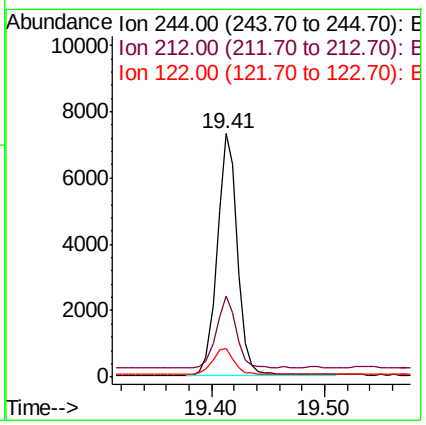


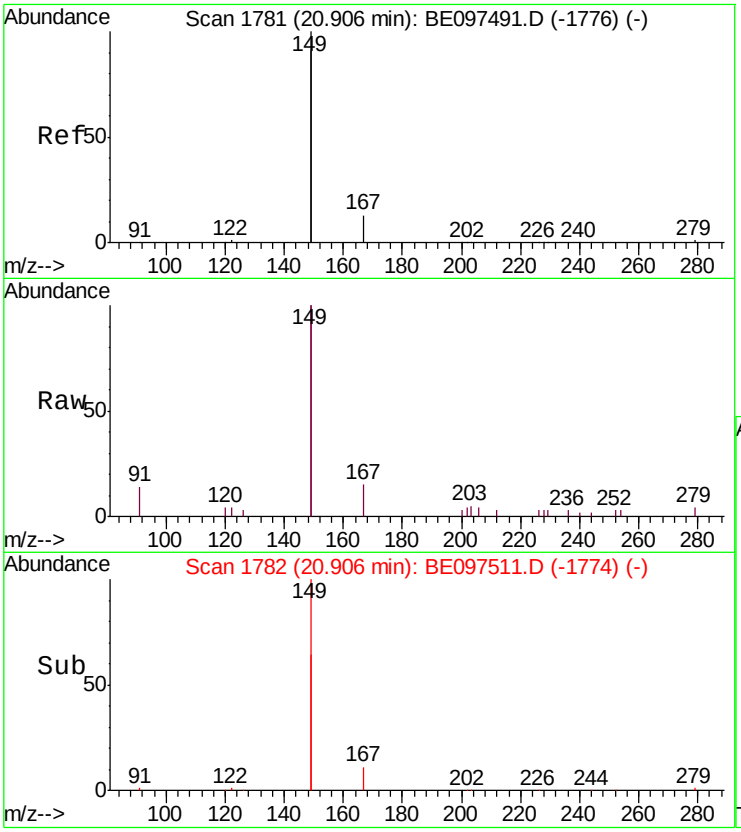


#29
Terphenyl-d14
Concen: 0.533 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:244 Resp: 8971

Ion	Ratio	Lower	Upper
244	100		
212	33.1	25.4	38.0
122	11.7	8.1	12.1



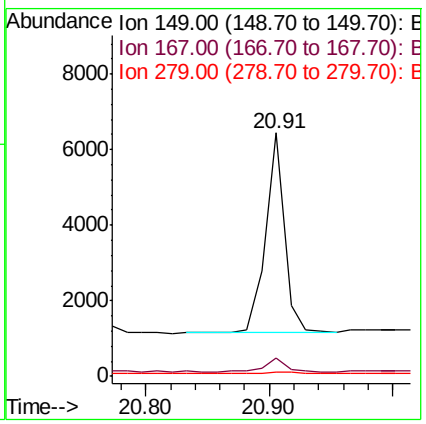


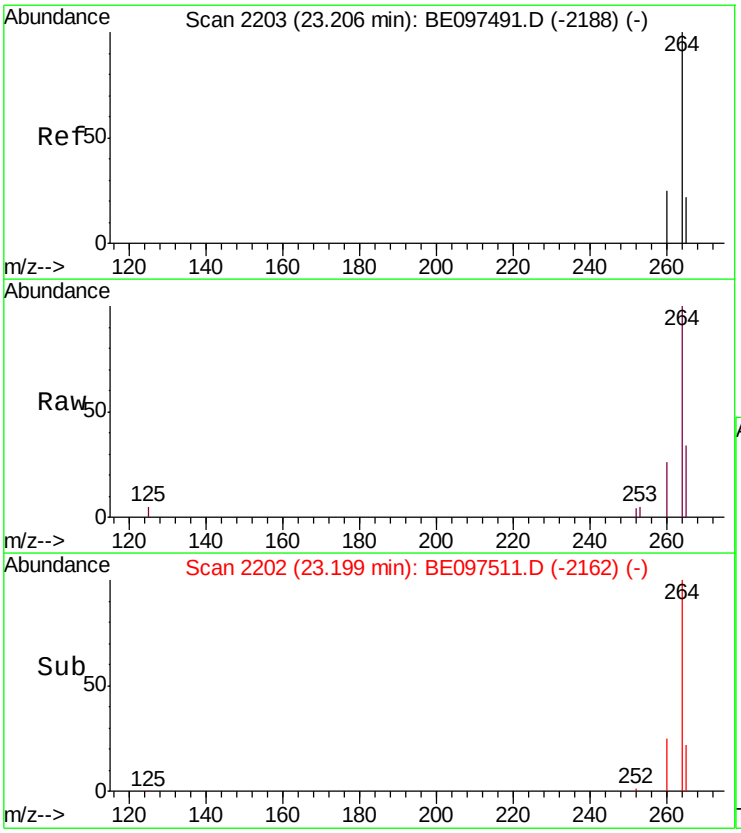
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 20.91 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Instrument :
BNA_E
ClientSampleId :
AOC3-01-C

Tgt Ion:149 Resp: 5736

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.3	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BE097511.D
Acq: 18 Sep 2018 00:36

Tgt Ion:264 Resp: 8773

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	33.8	22.8	34.2