Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097518.D
Acq On : 18 Sep 2018 5:37
Operator : SJ/JU
Sample : J4741-38
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : AOC10-01-D

Quant Time: Sep 18 07:26:58 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	7.38	152	952	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	4516	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	2665	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7509	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	9207	0.40	ng		0.00
34) Perylene-d12	23.20	264	9136	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	650	0.20	ng		0.00
5) Phenol-d6	6.61	99	502	0.12	ng		0.00
8) Nitrobenzene-d5	8.52	82	1616	0.44	ng		-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3065	0.47	ng		0.00
14) 2,4,6-Tribromophenol	15.51	330	653	0.46	ng		-0.02
15) 2-Fluorobiphenyl	12.61	172	5318	0.57	ng		-0.01
25) Fluoranthene-d10	18.80	212	45038	0.50	ng		0.00
29) Terphenyl-d14	19.41	244	9779	0.56	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.17	128	545287	13.300	ng		99
12) 2-Methylnaphthalene	11.78	142	25202	3.843	ng		98
16) Acenaphthylene	13.71	152	2868	0.247	ng	#	92
17) Acenaphthene	14.06	154	2914	0.407	ng		95
18) Fluorene	15.05	166	4138	0.454	ng	#	79
23) Phenanthrene	16.79	178	9313	0.527	ng		99
24) Anthracene	16.89	178	1041	0.064	ng		96
26) Fluoranthene	18.83	202	1668	0.072	ng		98
28) Pyrene	19.19	202	1341	0.057	ng	#	91
32) Bis(2-ethylhexyl)phthalate	20.91	149	12414	0.241	ng	#	100

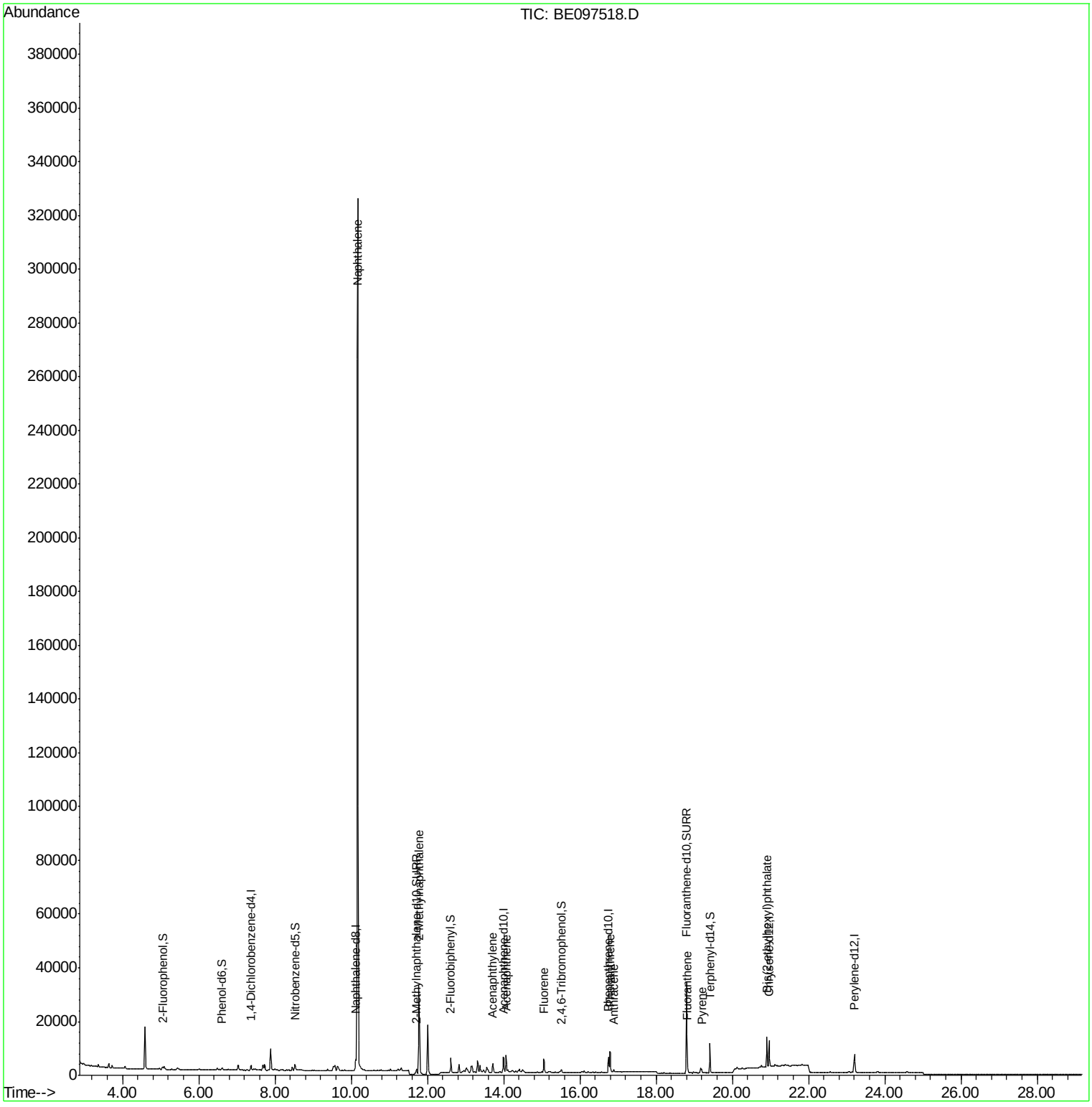
(#) = qualifier out of range (m) = manual integration (+) = signals summed

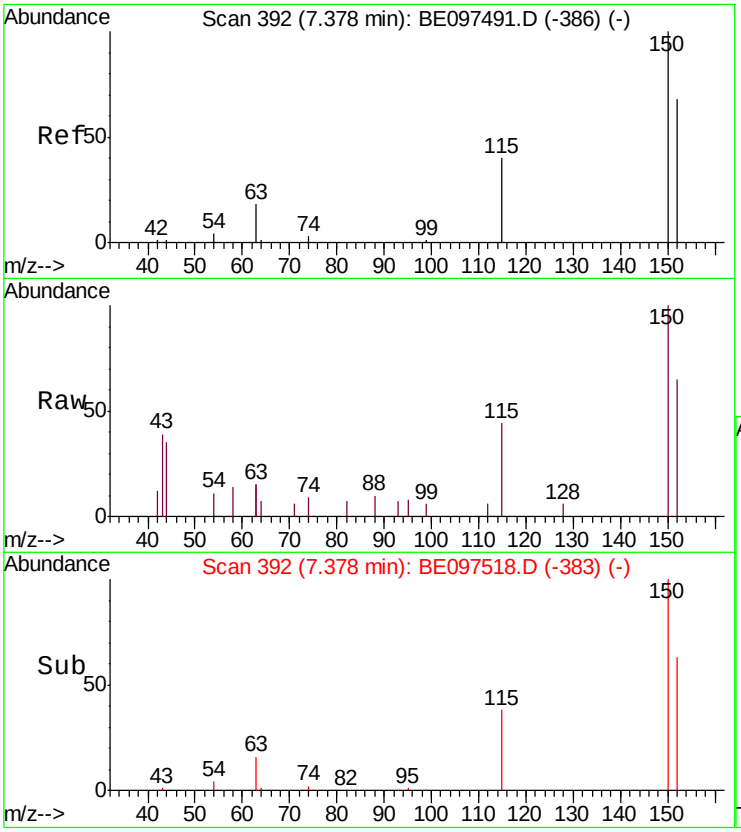
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097518.D
Acq On : 18 Sep 2018 5:37
Operator : SJ/JU
Sample : J4741-38
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Quant Time: Sep 18 07:26:58 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



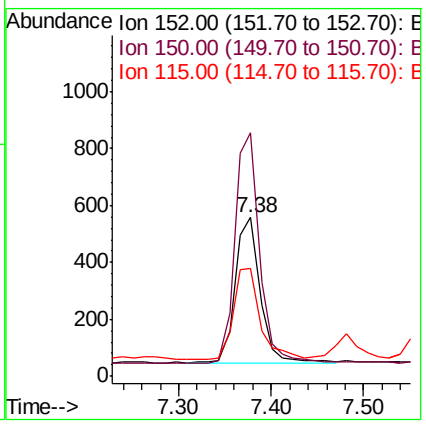


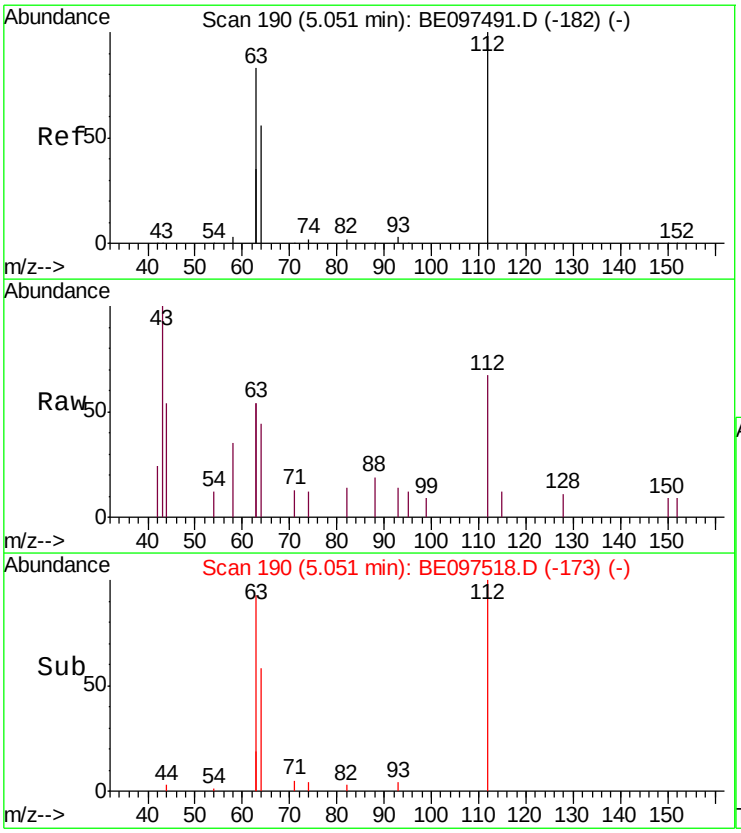
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:152 Resp: 952

Ion	Ratio	Lower	Upper
152	100		
150	153.7	117.2	175.8
115	68.0	57.0	85.6

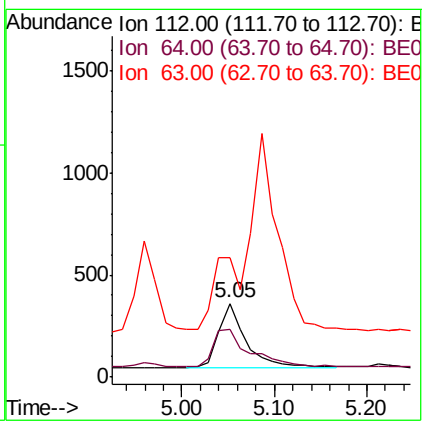


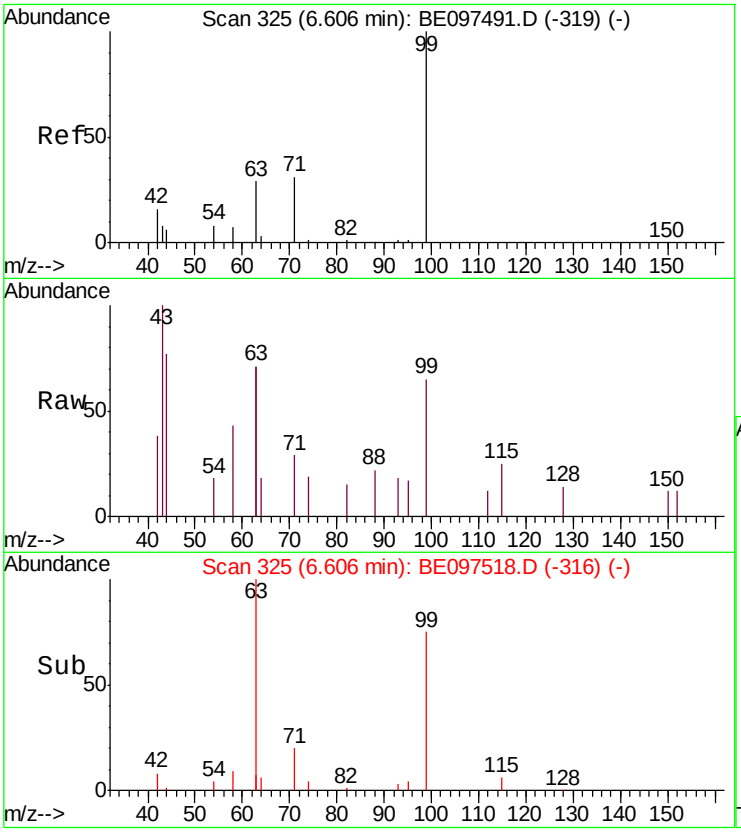


#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:112 Resp: 650

Ion	Ratio	Lower	Upper
112	100		
64	78.0	60.1	90.1
63	0.0	116.8	175.2#



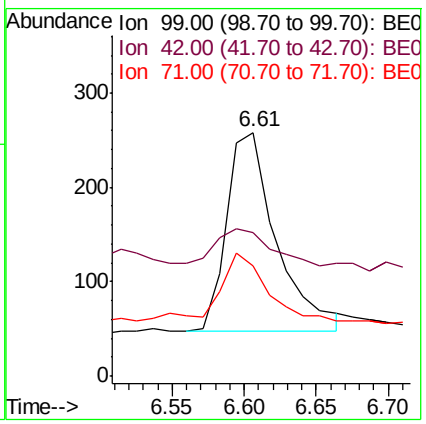


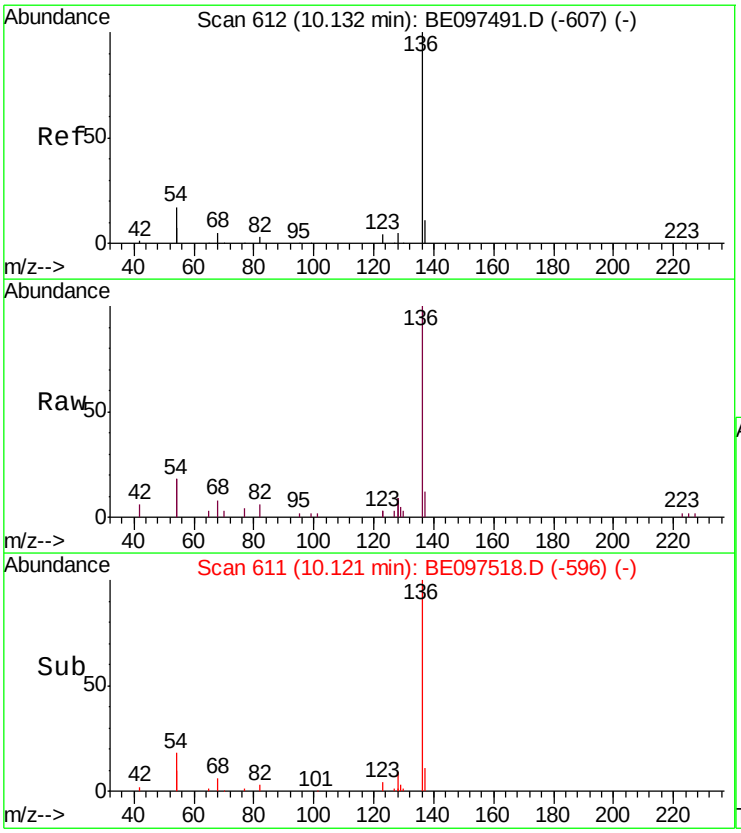
#5
Phenol-d6
Concen: 0.123 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion: 99 Resp: 502

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.2	30.2
71	31.7	28.4	42.6

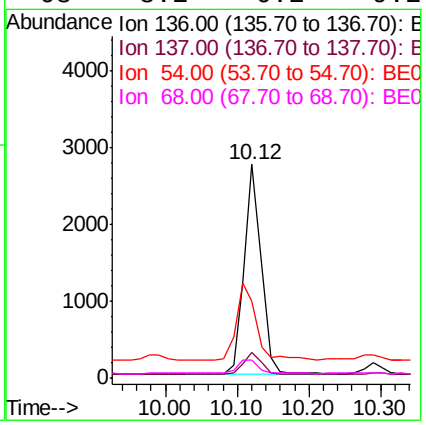


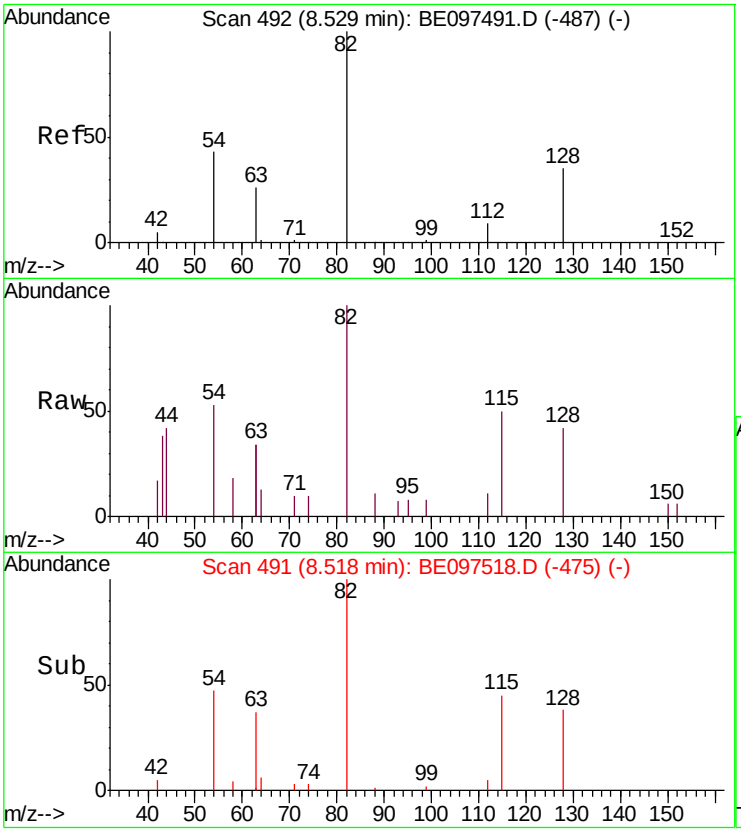


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:136 Resp: 4516

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	35.9	29.1	43.7
68	8.2	6.2	9.2



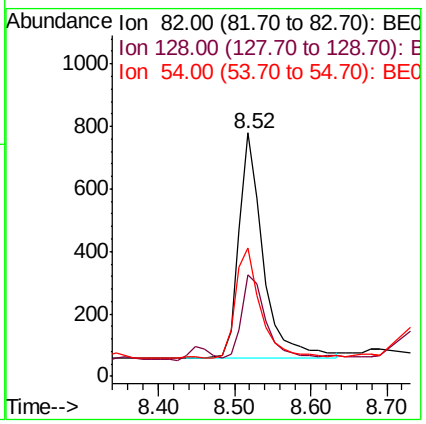


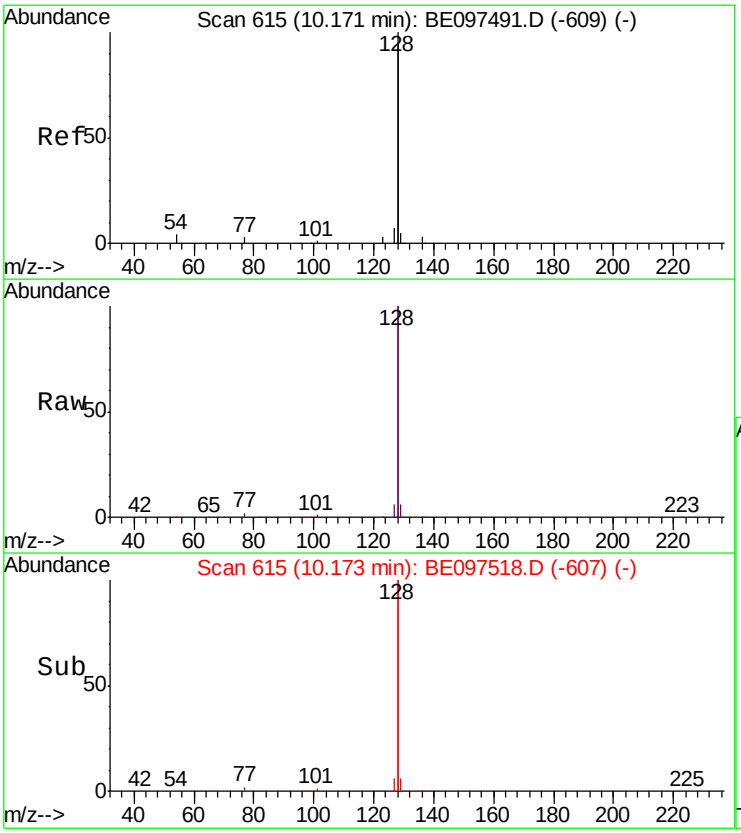
#8
Nitrobenzene-d5
Concen: 0.445 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion: 82 Resp: 1616

Ion	Ratio	Lower	Upper
82	100		
128	41.7	24.0	36.0#
54	52.8	40.0	60.0

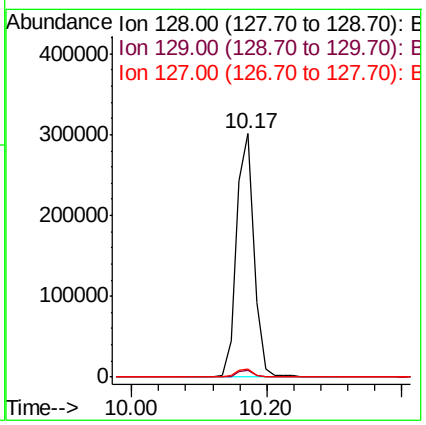


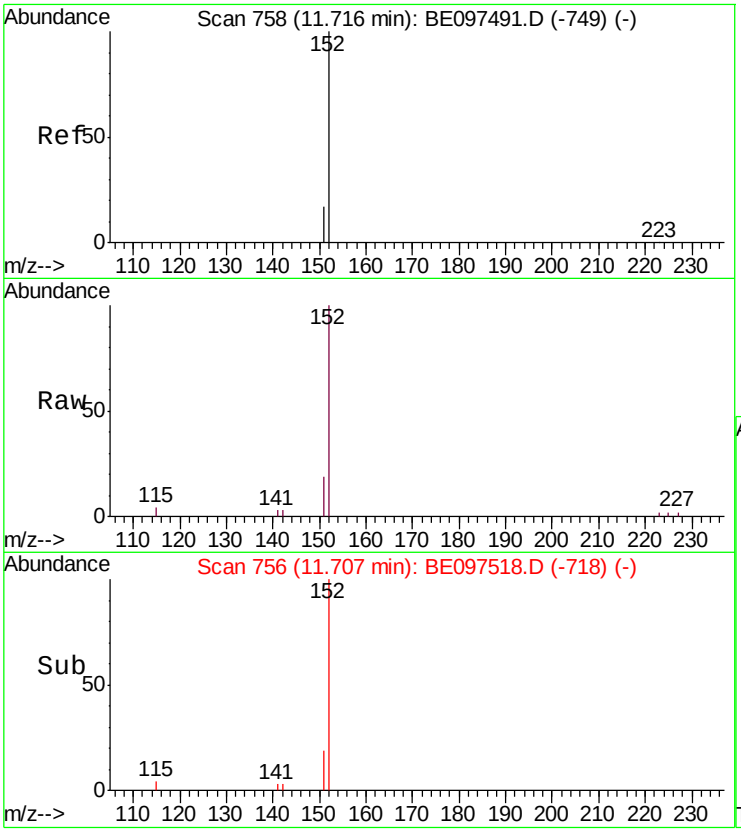


#9
Naphthalene
Concen: 13.300 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:128 Resp: 545287

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



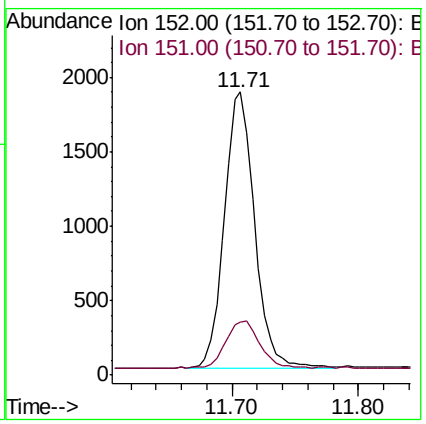


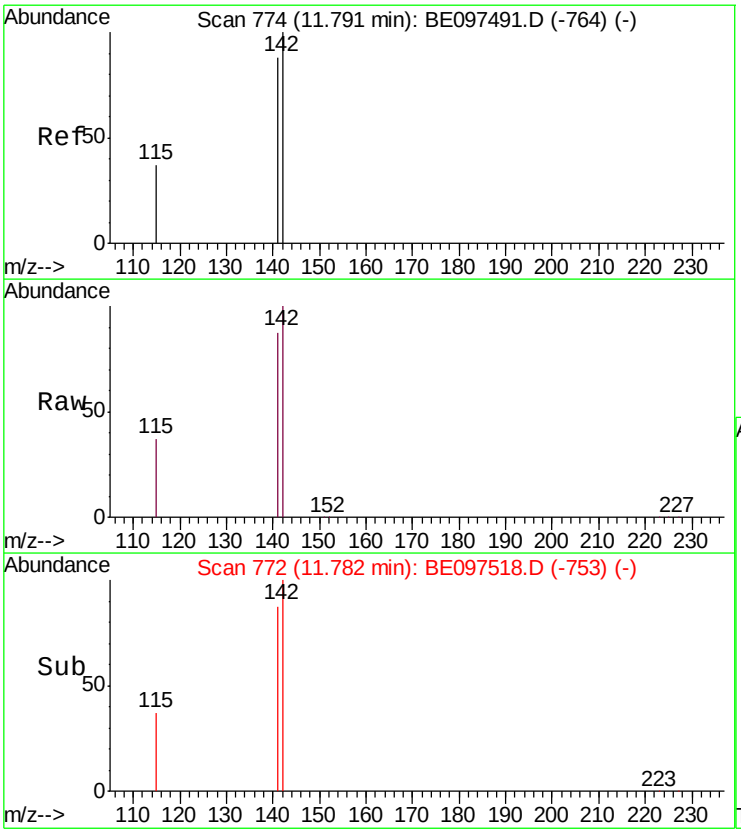
#11
2-Methylnaphthalene-d10
Concen: 0.475 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:152 Resp: 3065

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

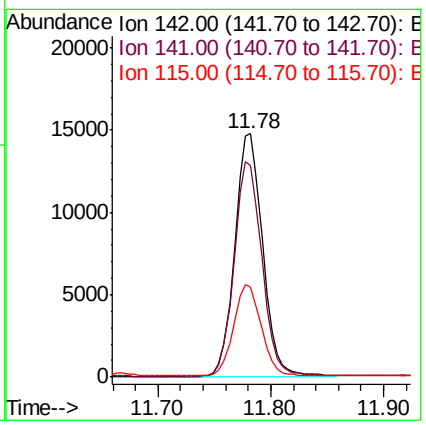


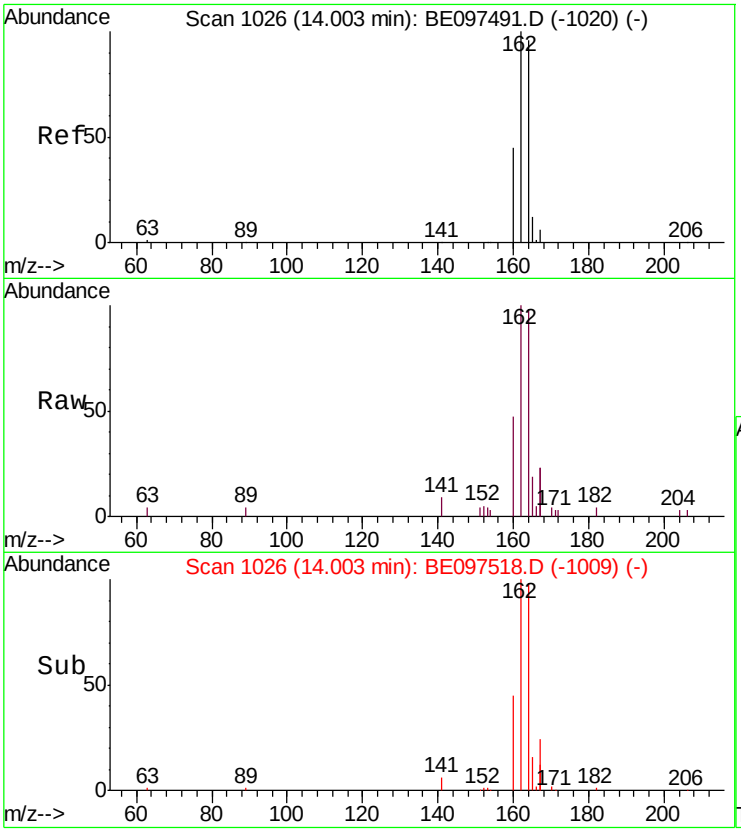


#12
2-Methylnaphthalene
Concen: 3.843 ng
RT: 11.78 min Scan# 772
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:142 Resp: 25202

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.4	105.6
115	36.9	31.7	47.5



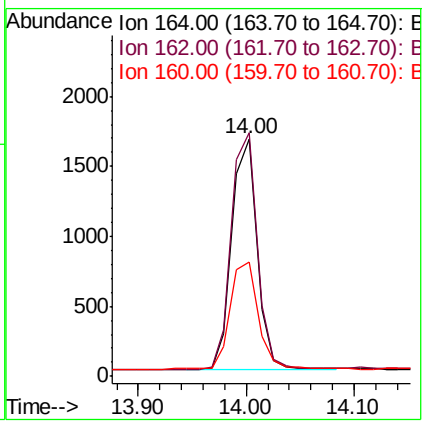


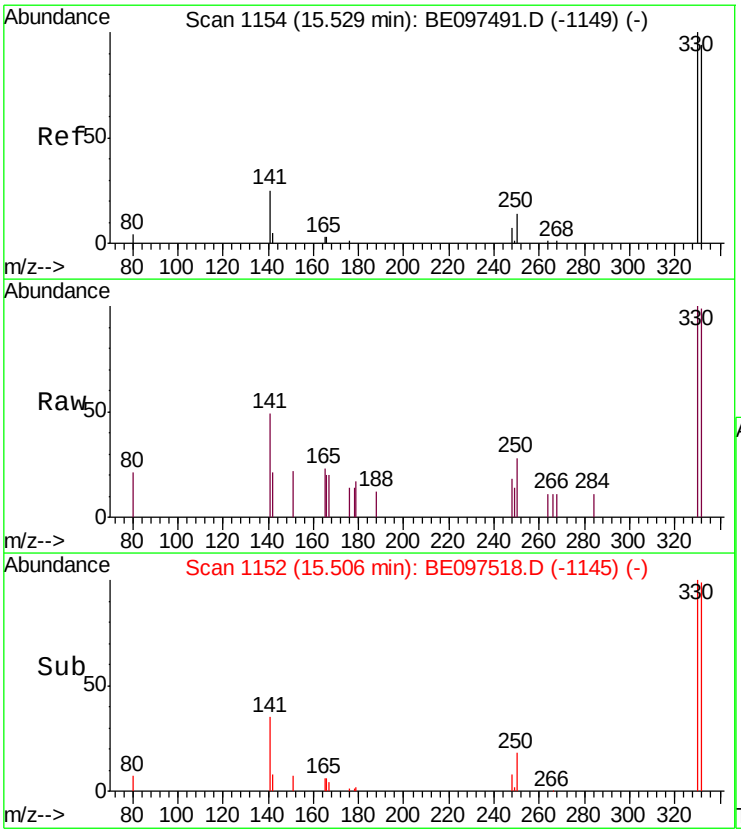
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:164 Resp: 2665

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.1	124.7
160	47.9	37.1	55.7

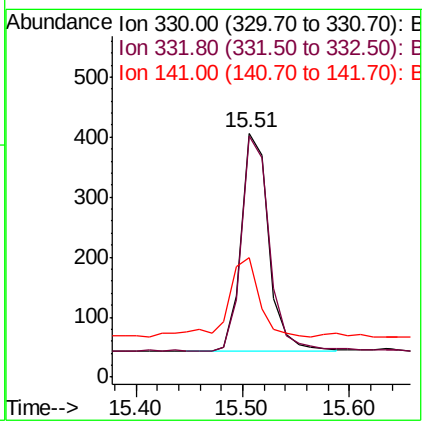


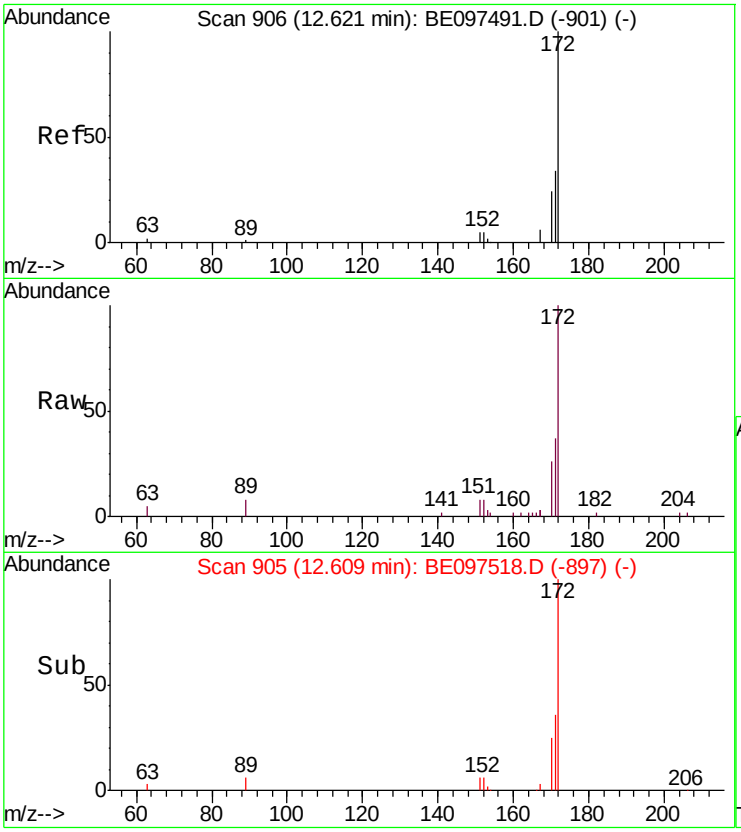


#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.51 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:330 Resp: 653

Ion	Ratio	Lower	Upper
330	100		
332	99.4	152.7	229.1#
141	38.6	33.7	50.5



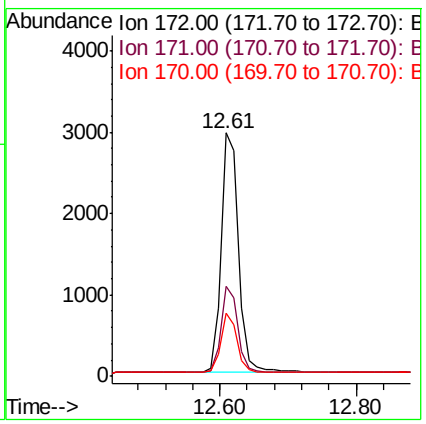


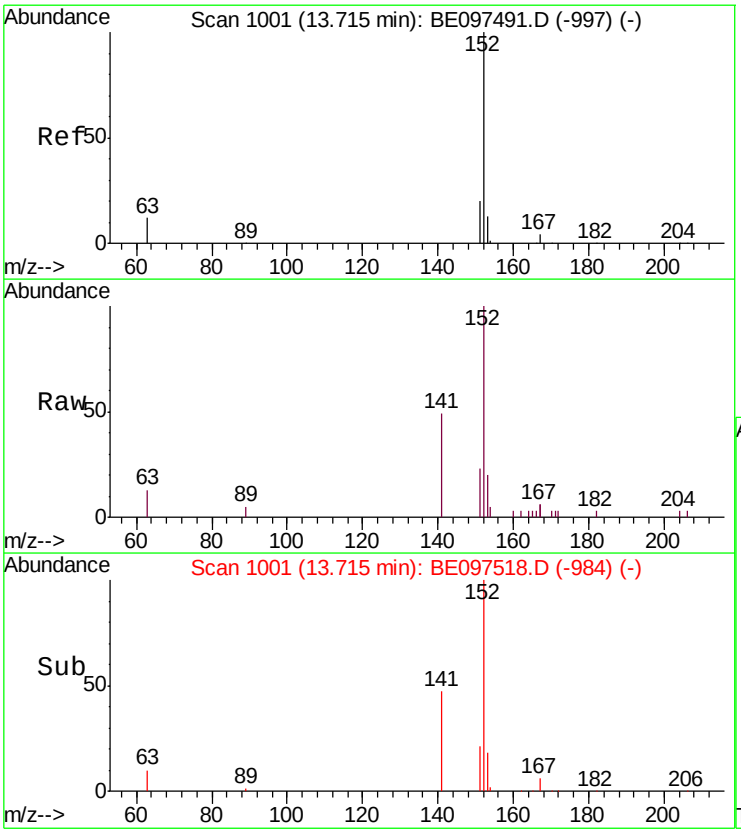
#15
2-Fluorobiphenyl
Concen: 0.571 ng
RT: 12.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:172 Resp: 5318

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	25.7	21.8	32.8

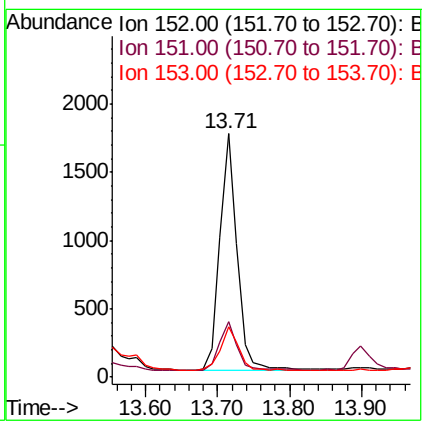


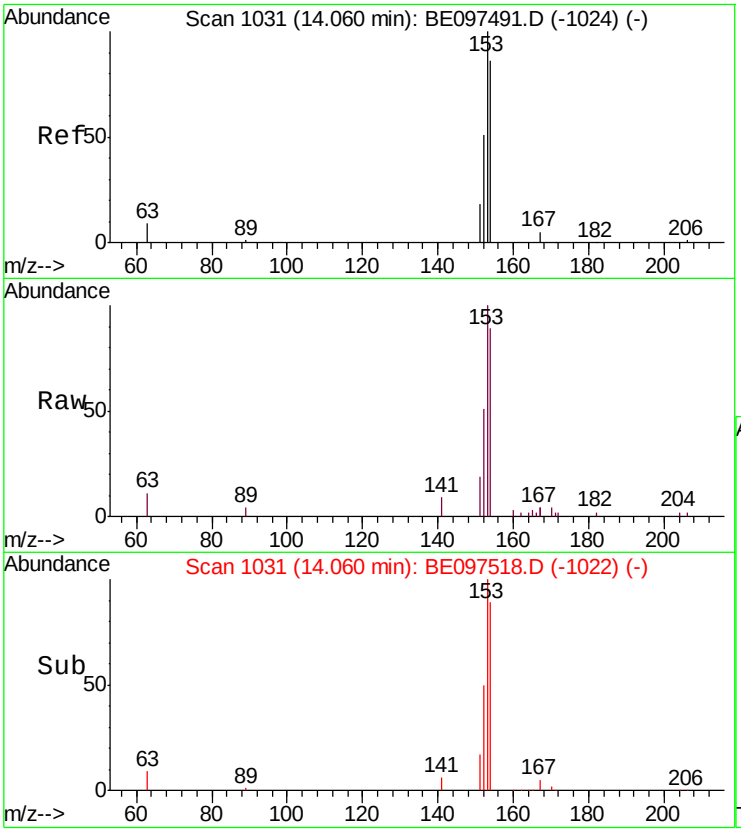


#16
Acenaphthylene
Concen: 0.247 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:152 Resp: 2868

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.7	23.5
153	19.3	10.5	15.7#



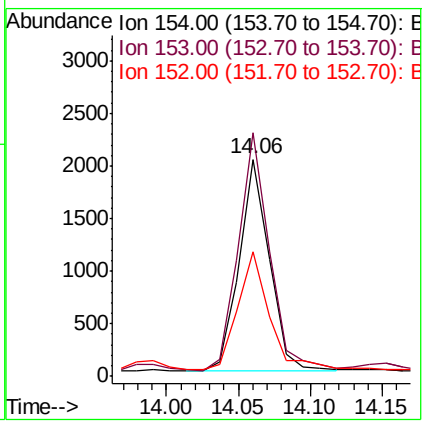


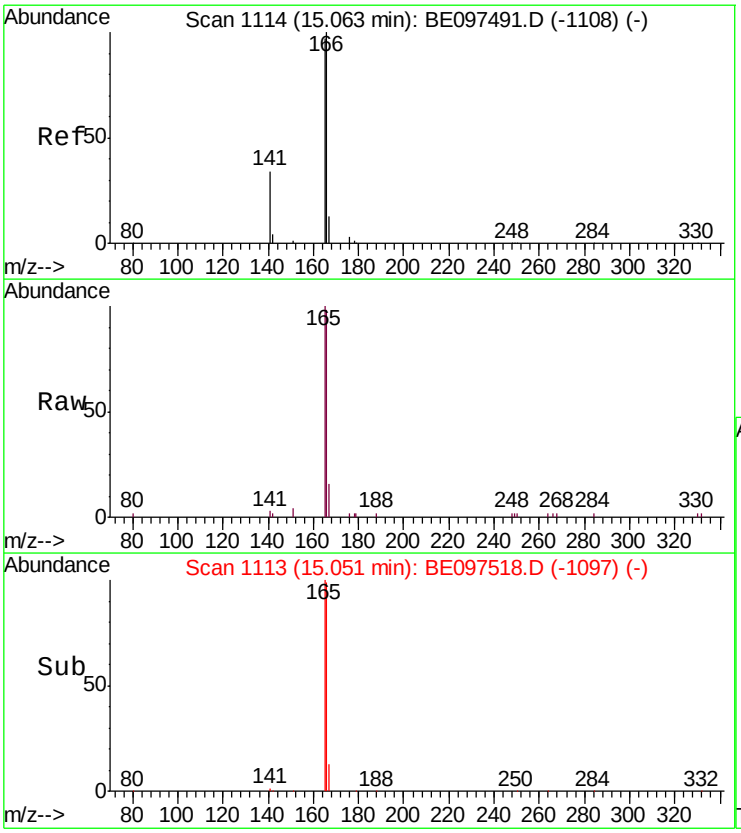
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:154 Resp: 2914

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.2	133.8
152	58.5	42.0	63.0

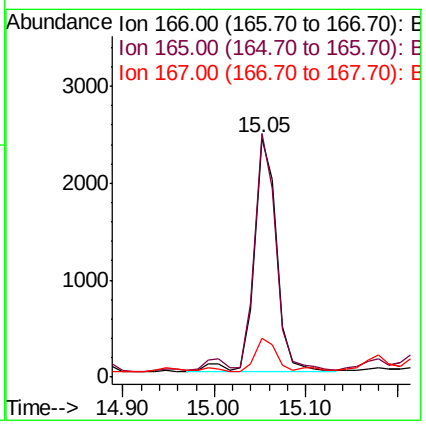


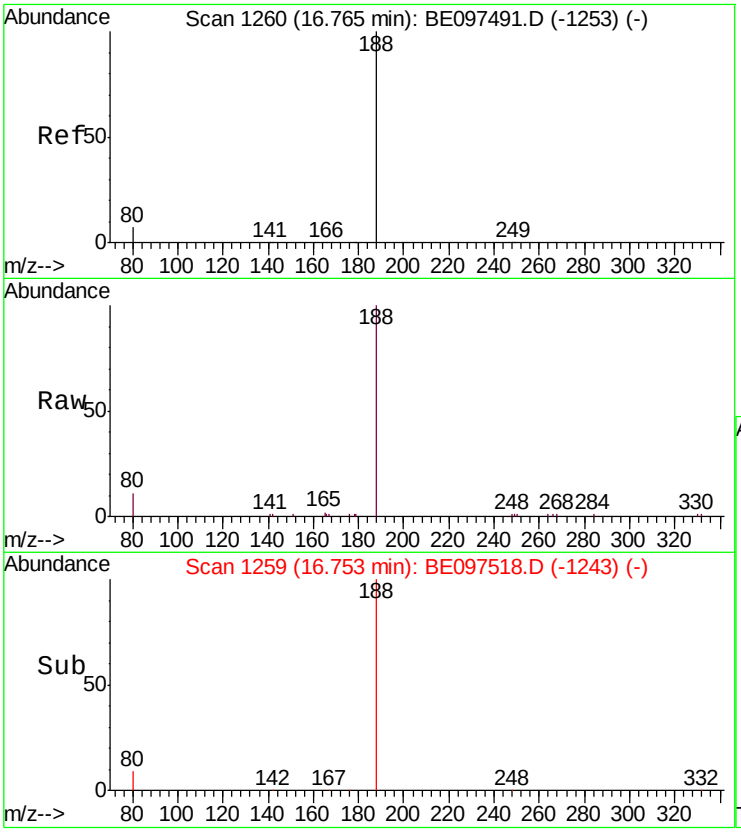


#18
Fluorene
Concen: 0.454 ng
RT: 15.05 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:166 Resp: 4138

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.8	116.6
167	13.0	42.4	63.6#



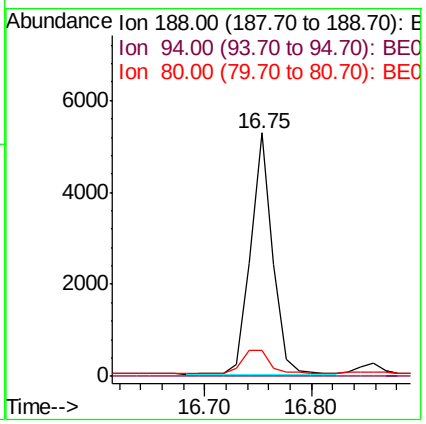


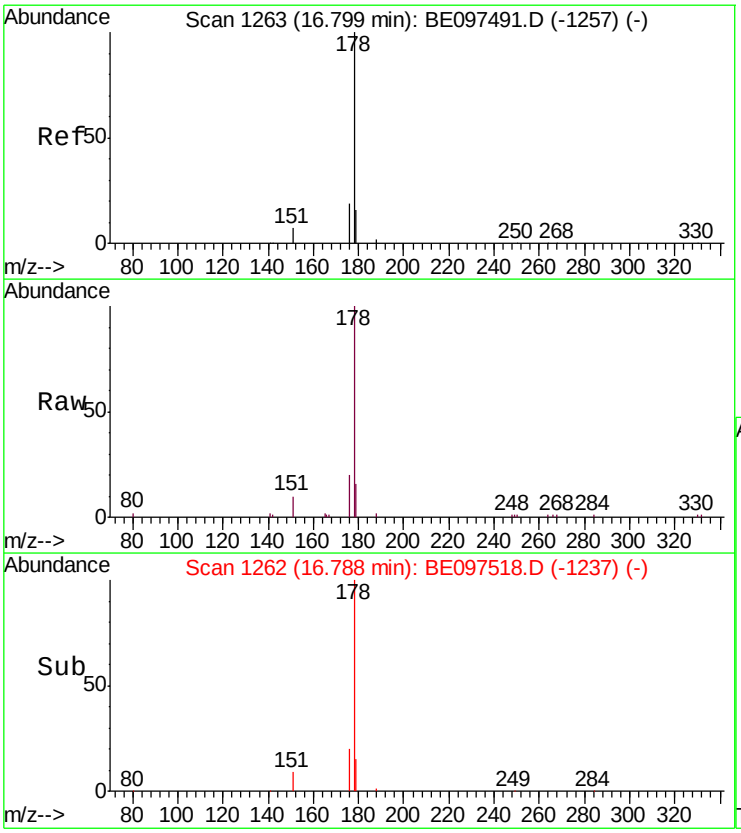
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:188 Resp: 7509

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.8	3.6	5.4#

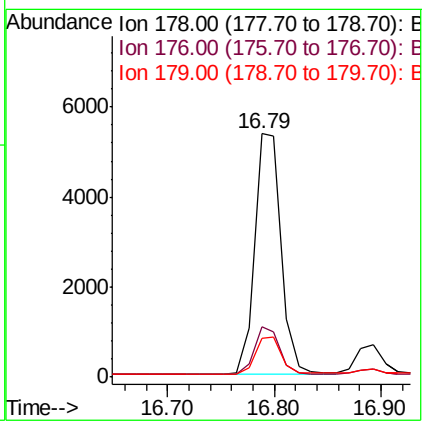


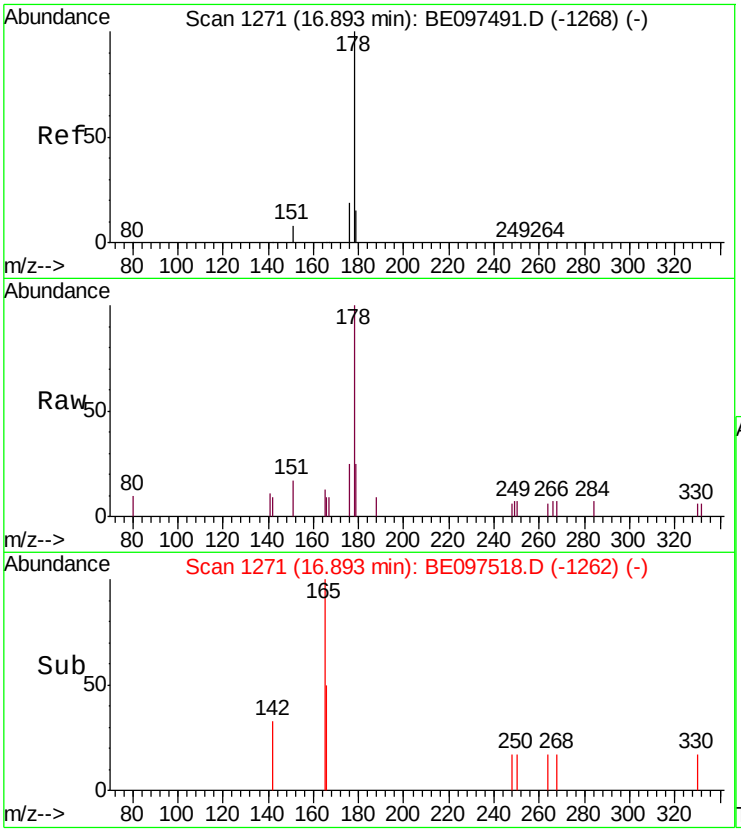


#23
Phenanthrene
Concen: 0.527 ng
RT: 16.79 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:178 Resp: 9313

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.7	11.8	17.6



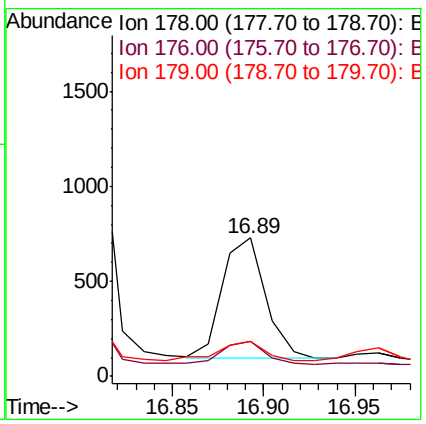


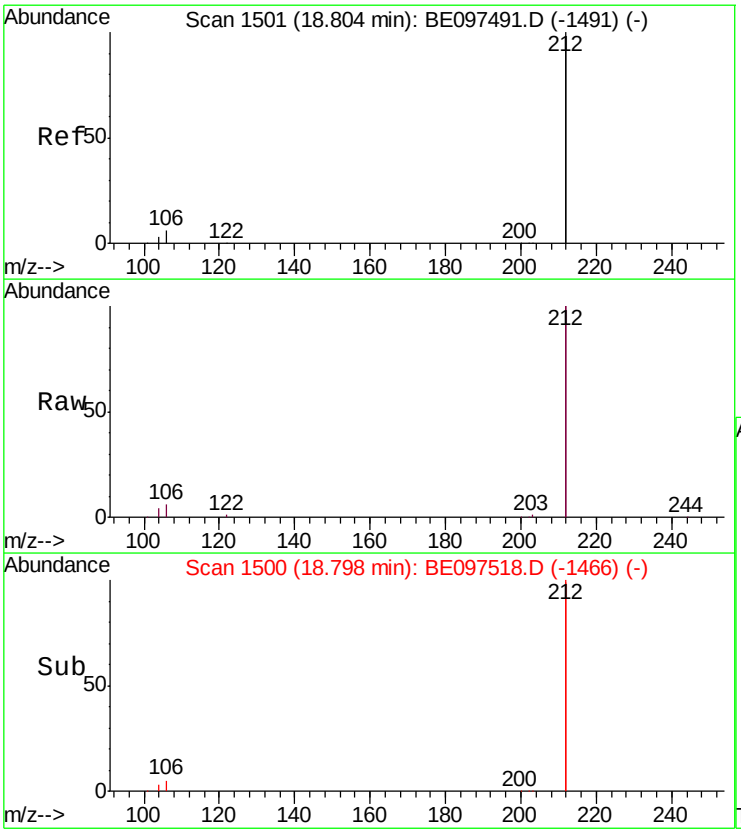
#24
Anthracene
Concen: 0.064 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:178 Resp: 1041

Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	16.8	13.0	19.6

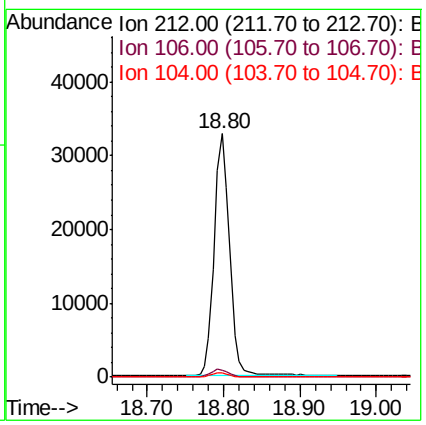


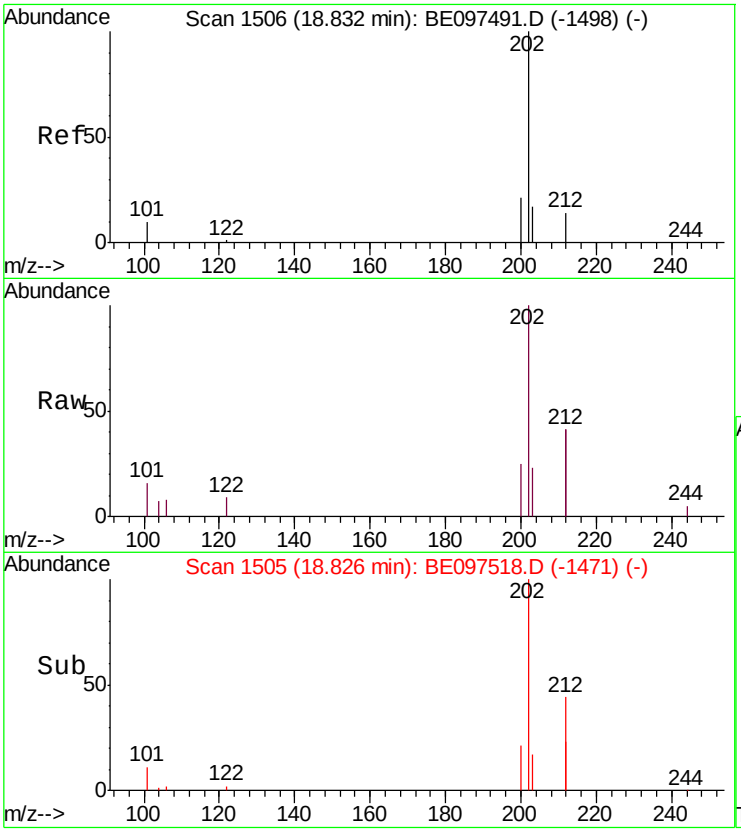


#25
Fluoranthene-d10
Concen: 0.499 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:212 Resp: 45038

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4



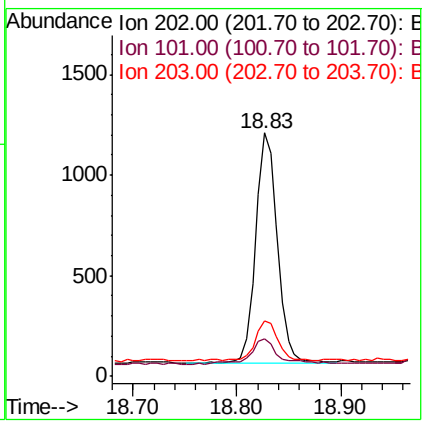


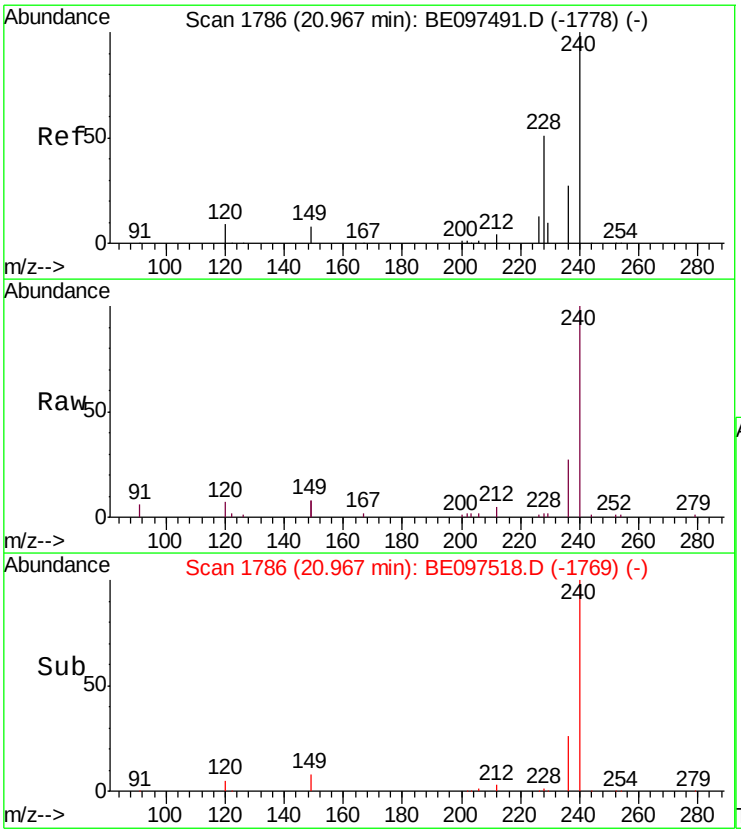
#26
Fluoranthene
Concen: 0.072 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:202 Resp: 1668

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.8	14.8
203	17.6	13.7	20.5

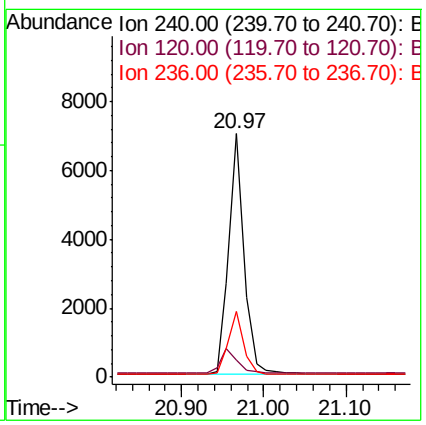


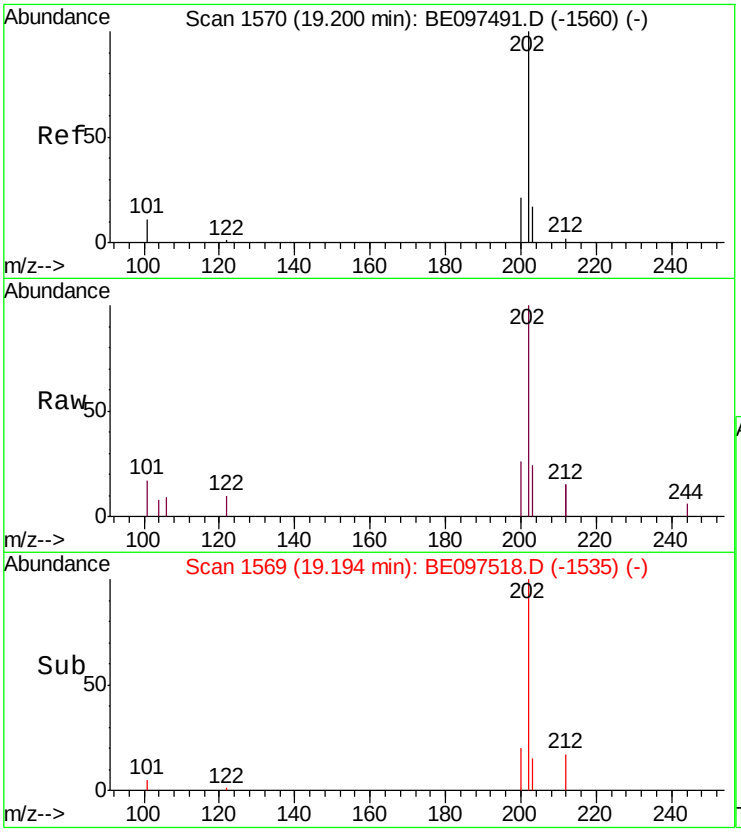


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:240 Resp: 9207

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	27.2	20.7	31.1



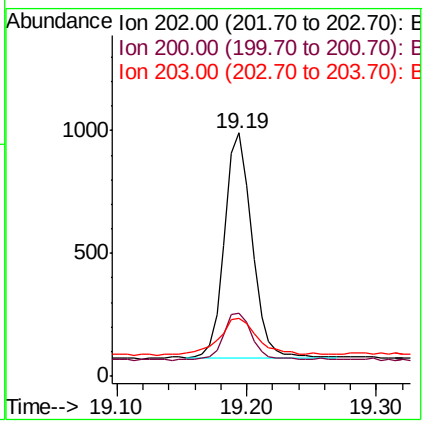


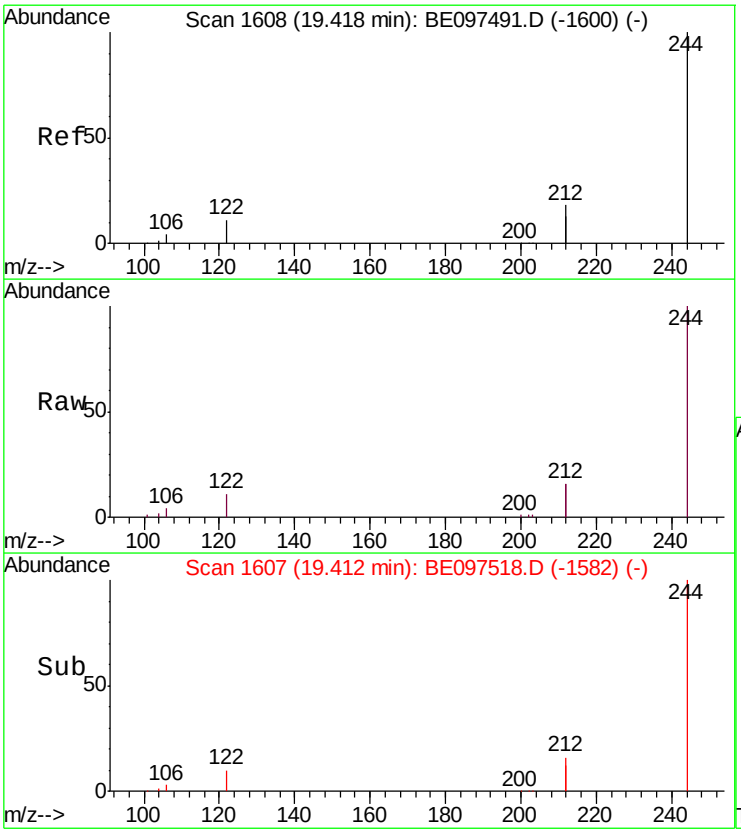
#28
Pyrene
Concen: 0.057 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:202 Resp: 1341

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.6	25.0
203	23.9	13.8	20.8#

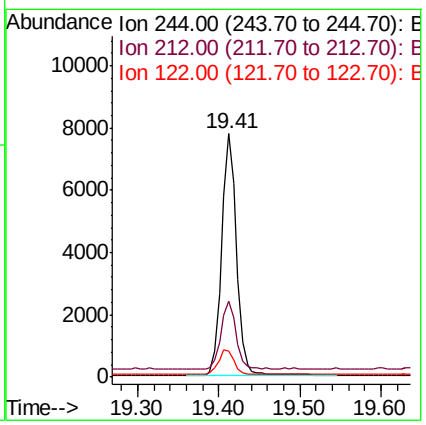


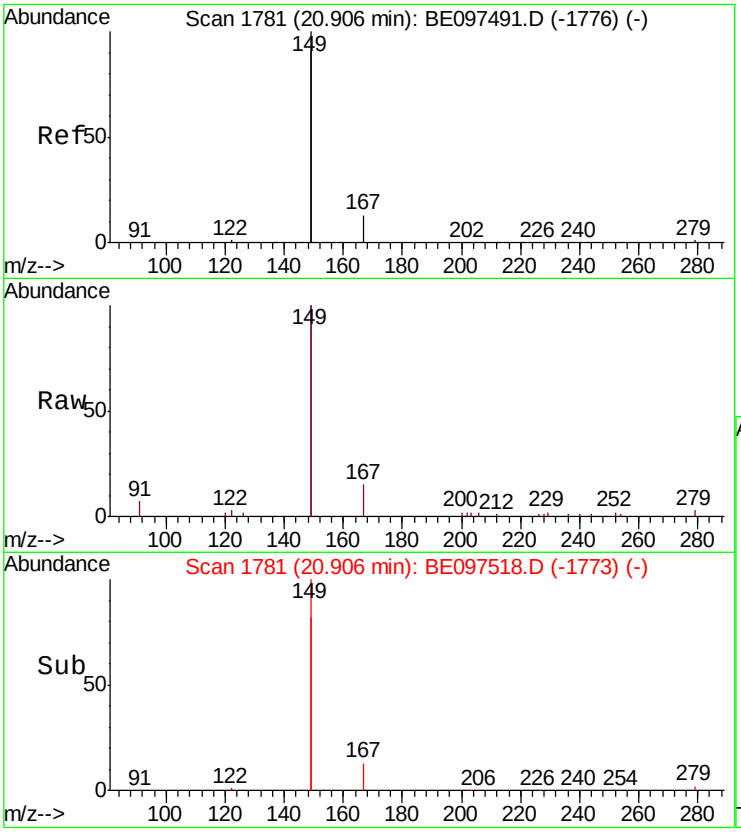


#29
Terphenyl-d14
Concen: 0.555 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:244 Resp: 9779

Ion	Ratio	Lower	Upper
244	100		
212	31.4	25.4	38.0
122	10.7	8.1	12.1



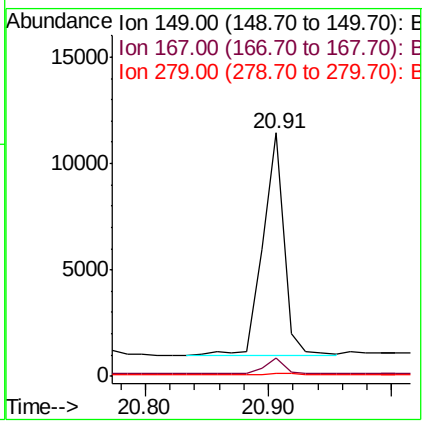


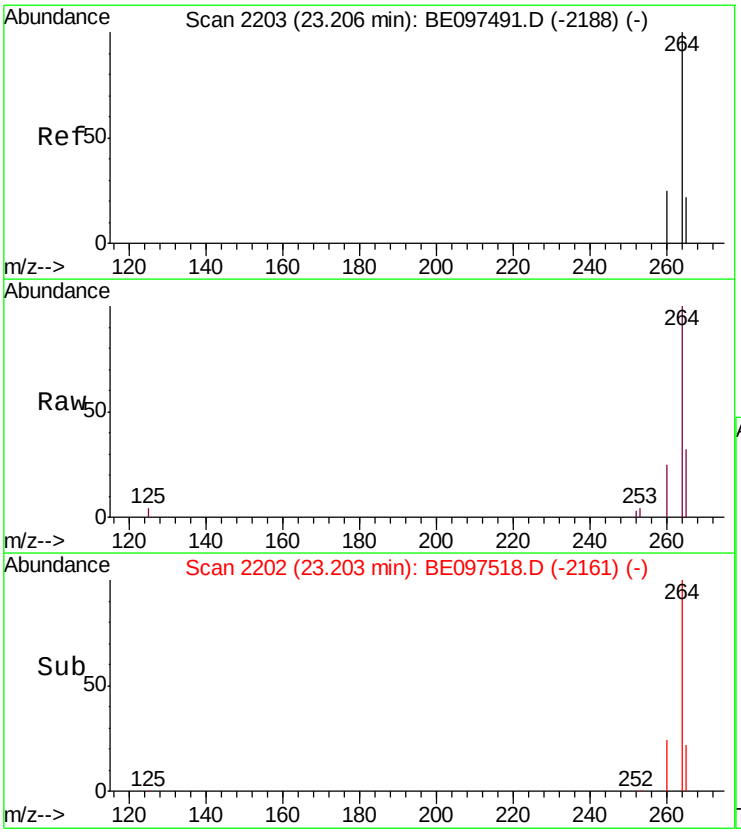
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.241 ng
RT: 20.91 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Instrument :
BNA_E
ClientSampleId :
AOC10-01-D

Tgt Ion:149 Resp: 12414

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097518.D
Acq: 18 Sep 2018 5:37

Tgt Ion:264 Resp: 9136

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	31.6	22.8	34.2