Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
Data File : BE096233.D
Acq On : 30 Apr 2018 21:58
Operator : SJ/JU
Sample : J2600-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-TT-AOC22-MW04-20180424

Quant Time: May 01 02:31:25 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	887	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	3532	0.40	ng		0.00
13) Acenaphthene-d10	14.94	164	2338	0.40	ng		0.00
19) Phenanthrene-d10	17.65	188	4305	0.40	ng		0.00
27) Chrysene-d12	21.75	240	3965	0.40	ng		0.01
34) Perylene-d12	24.36	264	3930	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.88	112	609	0.22	ng		0.01
5) Phenol-d6	7.52	99	477	0.13	ng		0.01
8) Nitrobenzene-d5	9.54	82	1689	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.74	152	2217	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	504	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	4029	0.40	ng		0.00
25) Fluoranthene-d10	19.64	212	22065	0.38	ng		0.00
29) Terphenyl-d14	20.19	244	6005	0.69	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.89	42	50	0.030	ng	#	1
9) Naphthalene	11.24	128	4083	0.110	ng	#	89
12) 2-Methylnaphthalene	12.81	142	163	0.026	ng	#	1
17) Acenaphthene	15.00	154	572	0.076	ng	#	70
18) Fluorene	15.98	166	304	0.033	ng	#	58
22) Pentachlorophenol	17.31	266	18	0.151	ng		94
23) Phenanthrene	17.70	178	1389	0.115	ng	#	65
24) Anthracene	17.78	178	273	0.024	ng	#	48
26) Fluoranthene	19.67	202	340	0.021	ng	#	81
28) Pyrene	19.98	202	268	0.034	ng	#	72
30) Benzo(a)anthracene	21.73	228	259	0.020	ng	#	1
31) Chrysene	21.79	228	327	0.027	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.60	149	3362	0.102	ng	#	93

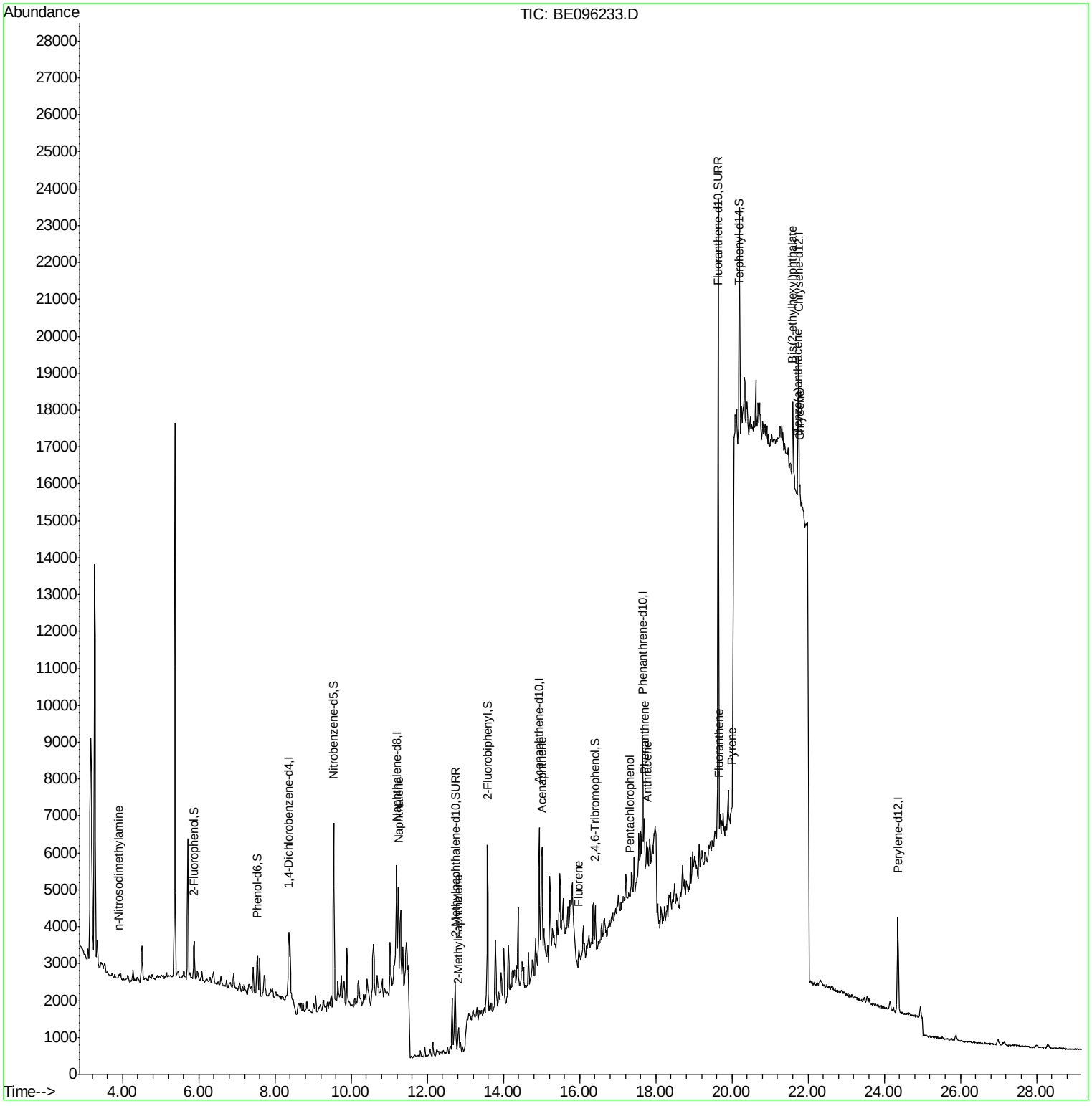
(#) = qualifier out of range (m) = manual integration (+) = signals summed

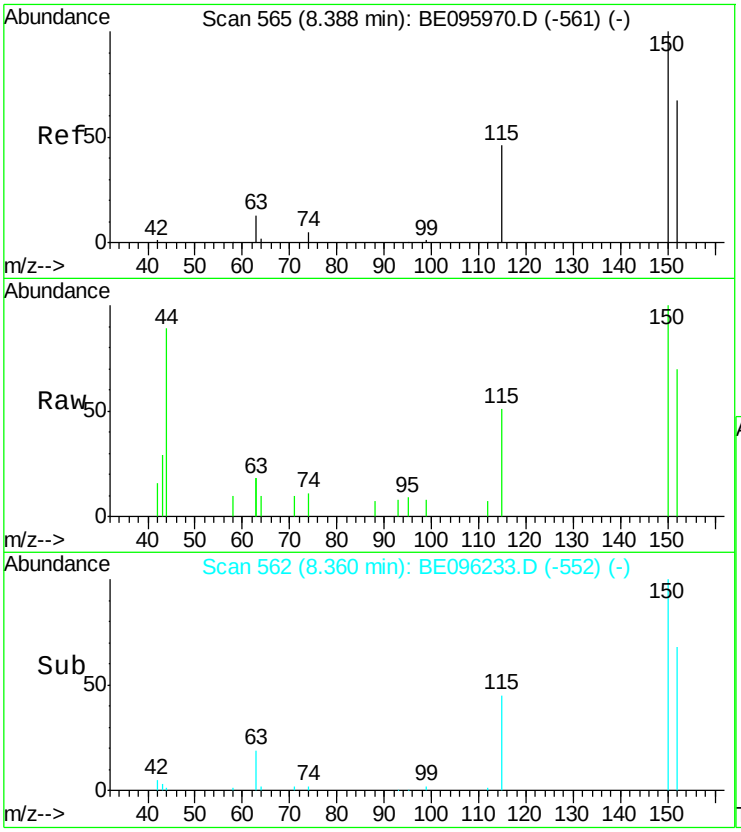
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
Data File : BE096233.D
Acq On : 30 Apr 2018 21:58
Operator : SJ/JU
Sample : J2600-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Quant Time: May 01 02:31:25 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration



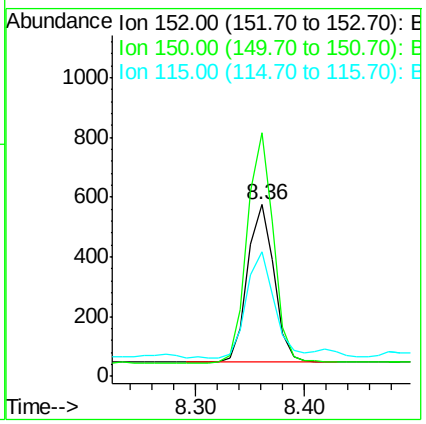


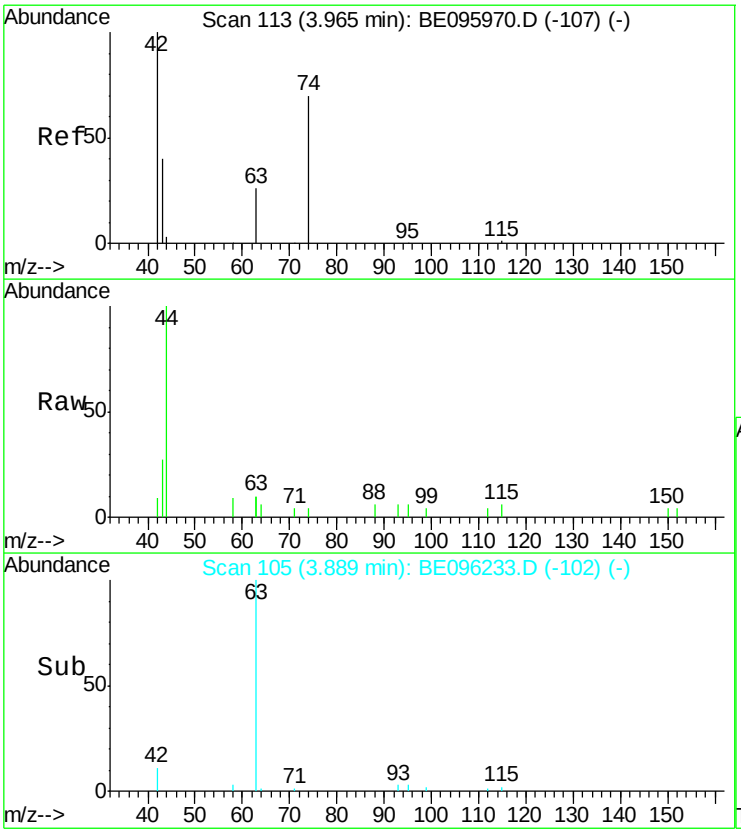
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:152 Resp: 887

Ion	Ratio	Lower	Upper
152	100		
150	141.9	117.2	175.8
115	72.3	57.0	85.6

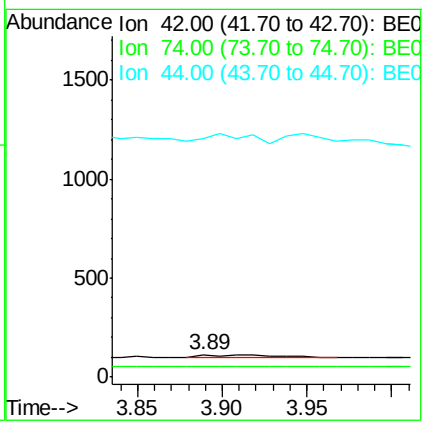


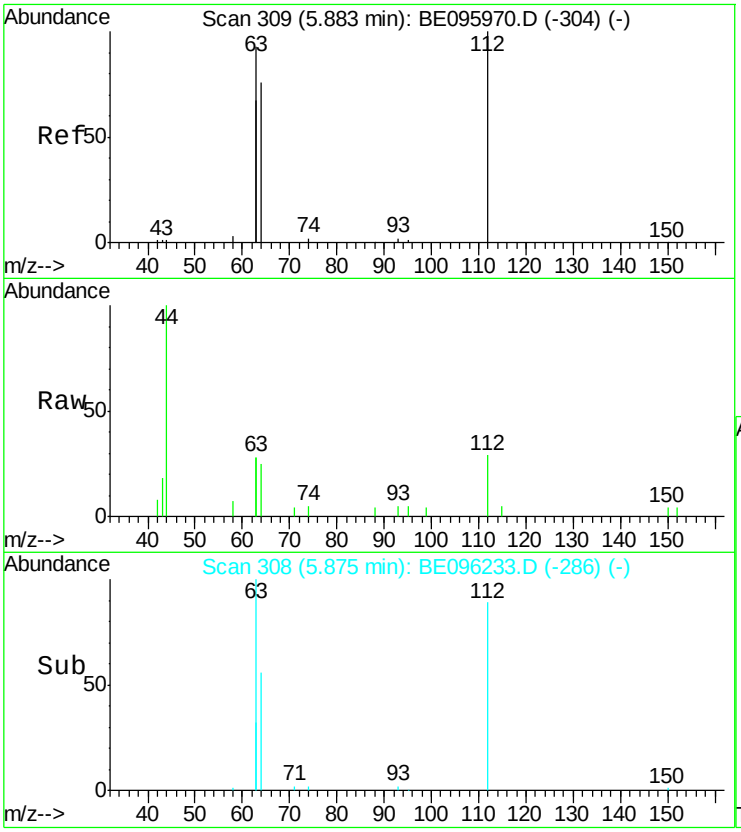


#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.89 min Scan# 105
Delta R.T. -0.07 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion: 42 Resp: 50

Ion	Ratio	Lower	Upper
42	100		
74	22.0	96.0	144.0#
44	174.0	12.0	18.0#



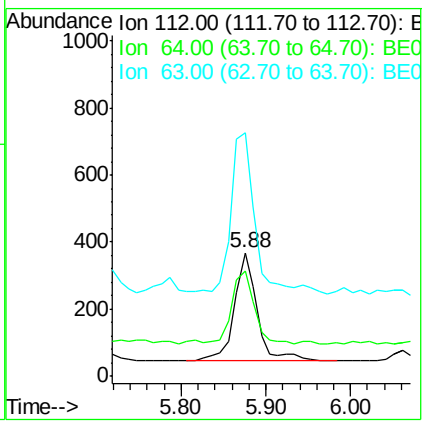


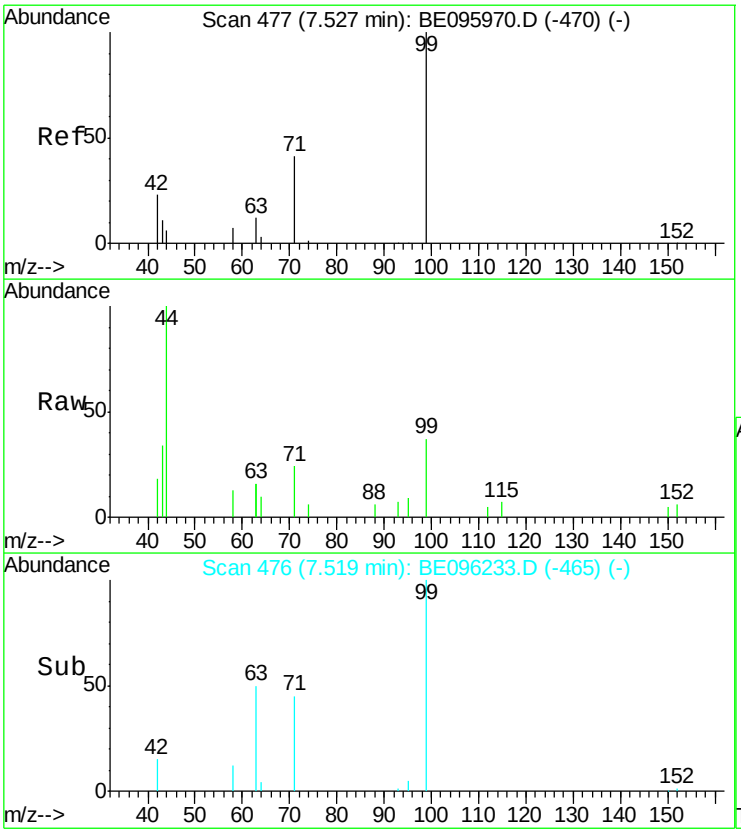
#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.88 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:112 Resp: 609

Ion	Ratio	Lower	Upper
112	100		
64	66.2	60.1	90.1
63	159.3	116.8	175.2

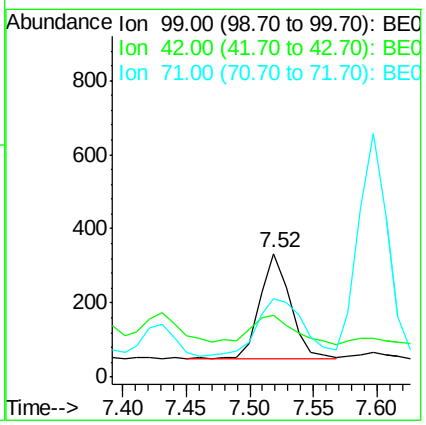


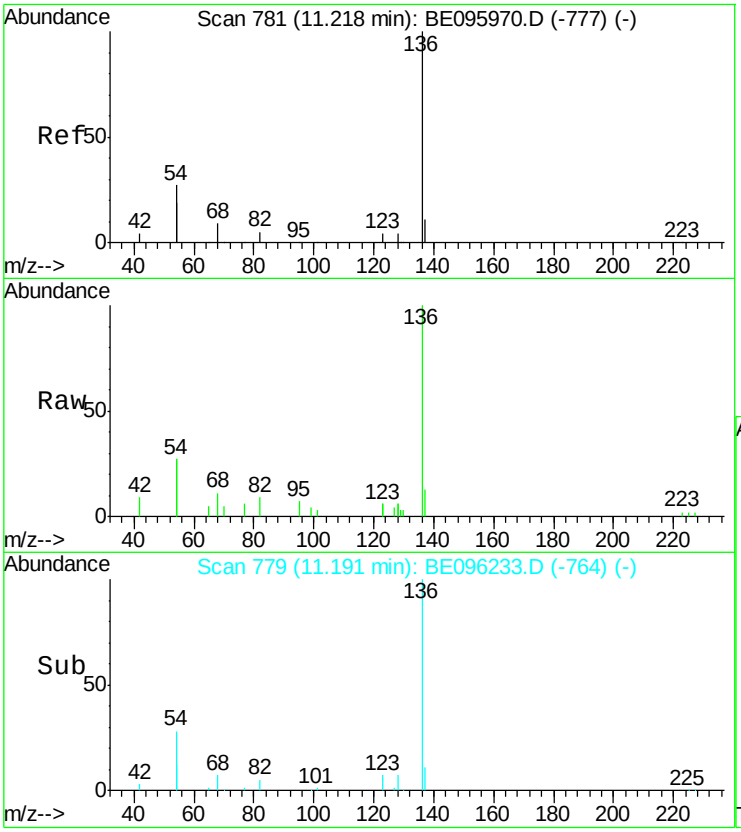


#5
Phenol-d6
Concen: 0.126 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion: 99 Resp: 477

Ion	Ratio	Lower	Upper
99	100		
42	39.2	20.2	30.2#
71	82.8	28.4	42.6#



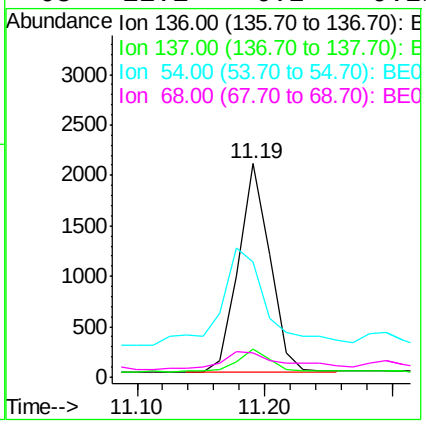


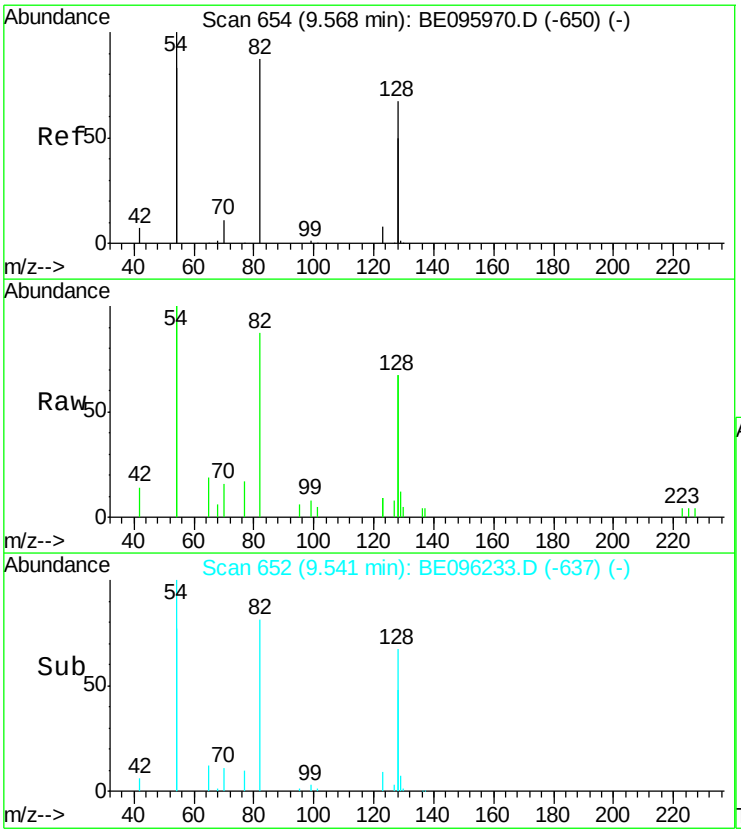
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:136 Resp: 3532

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	54.0	29.1	43.7#
68	11.1	6.2	9.2#

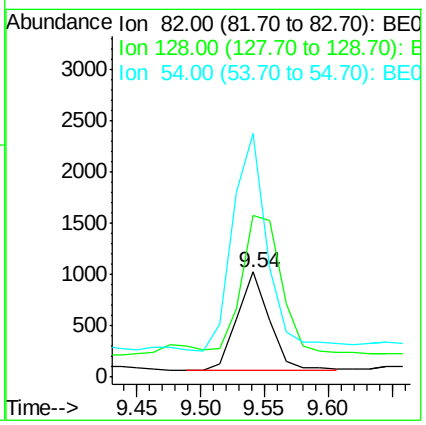


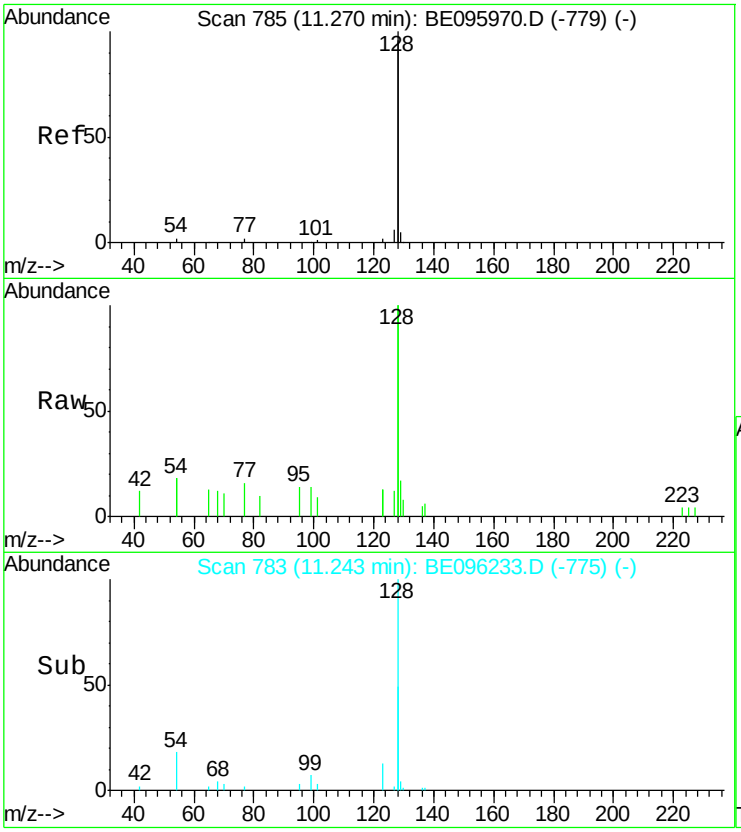


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion: 82 Resp: 1689

Ion	Ratio	Lower	Upper
82	100		
128	154.1	150.0	225.0
54	231.1	154.2	231.4



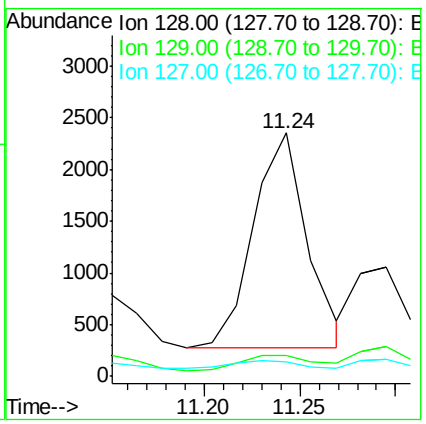


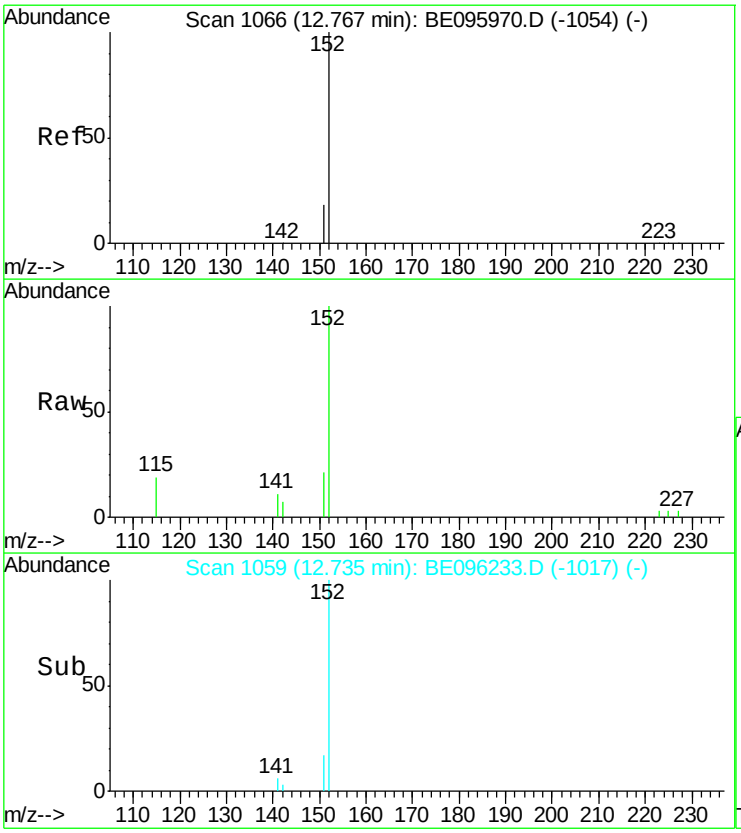
#9
Naphthalene
Concen: 0.110 ng
RT: 11.24 min Scan# 783
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:128 Resp: 4083

Ion	Ratio	Lower	Upper
128	100		
129	8.4	2.6	3.8#
127	6.0	2.8	4.2#

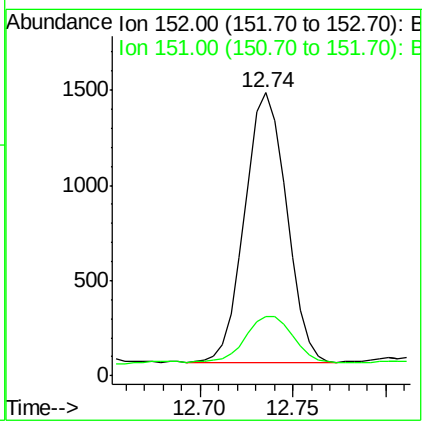


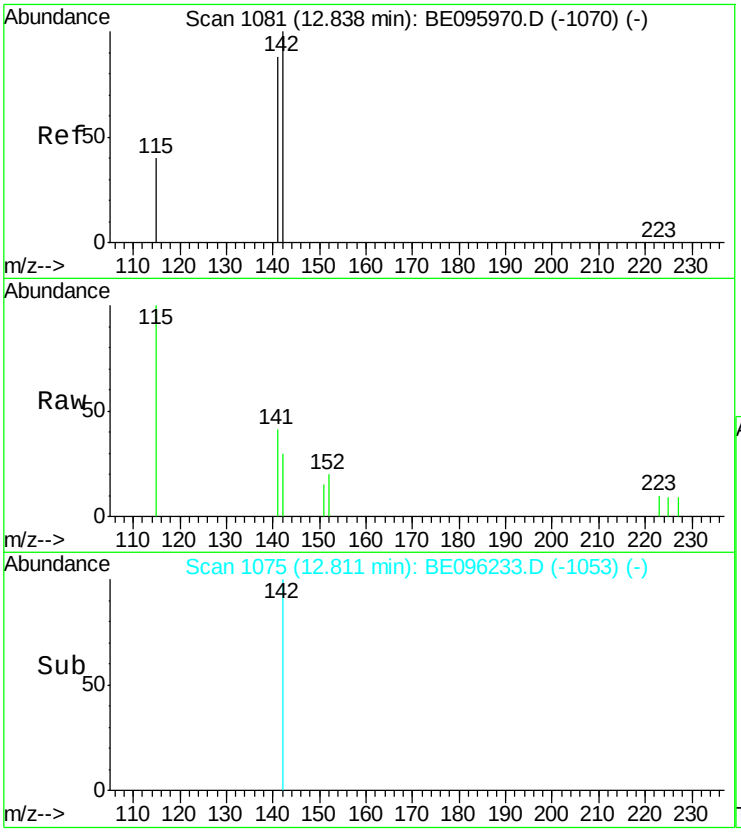


#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:152 Resp: 2217

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.4	23.0



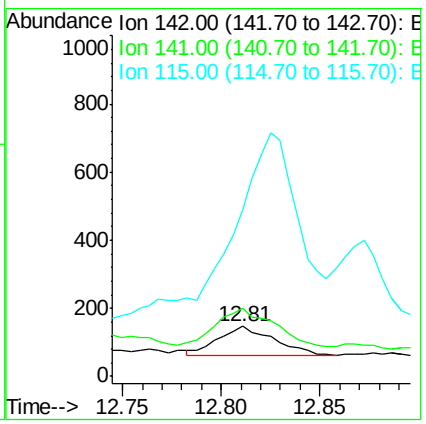


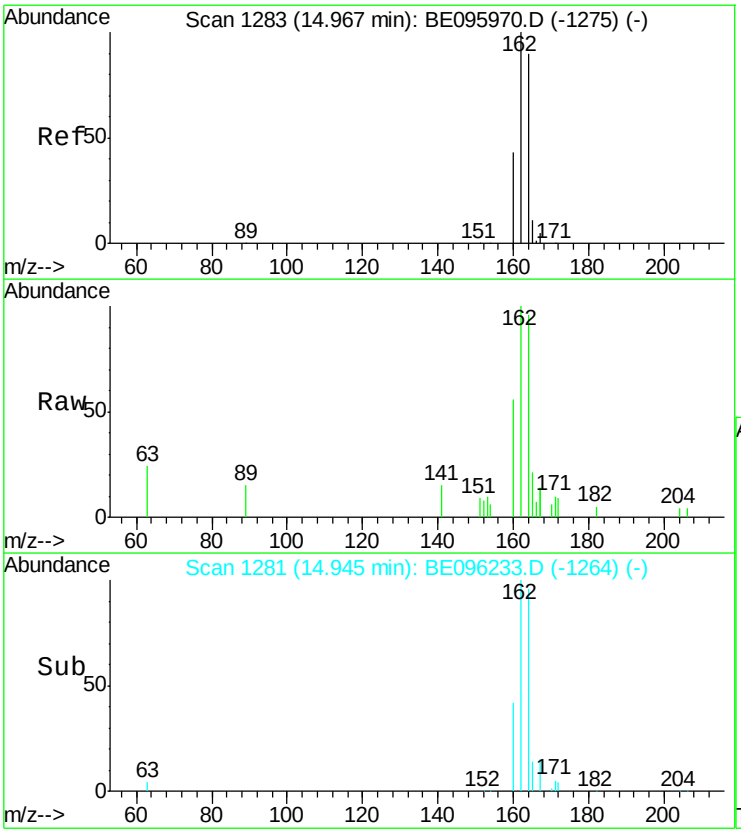
#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.81 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:142 Resp: 163

Ion	Ratio	Lower	Upper
142	100		
141	135.1	70.4	105.6#
115	331.8	31.7	47.5#

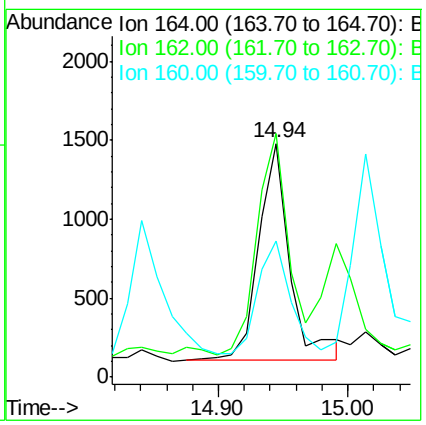


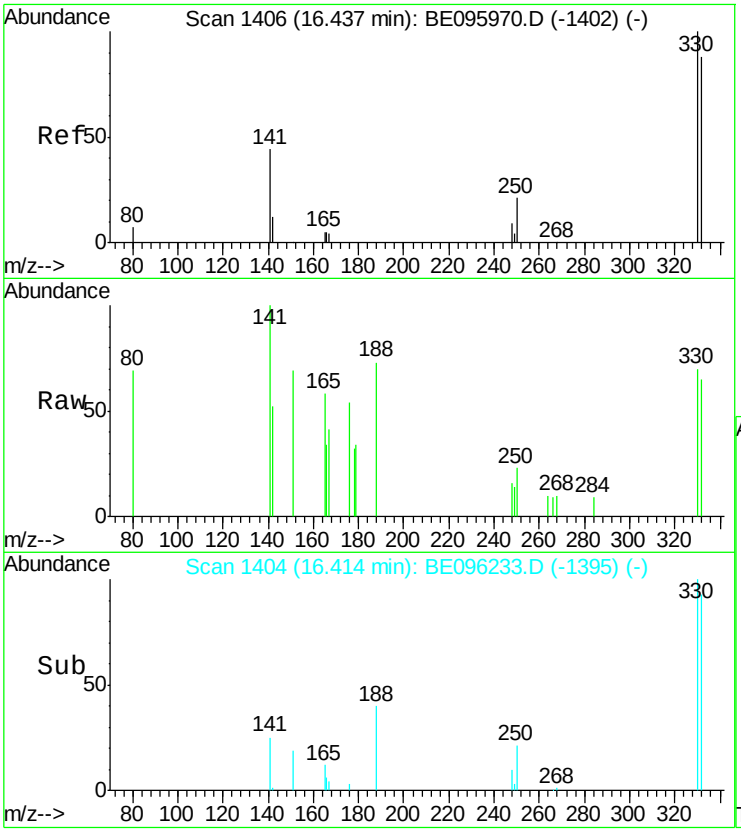


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:164 Resp: 2338

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.1	124.7
160	58.0	37.1	55.7#



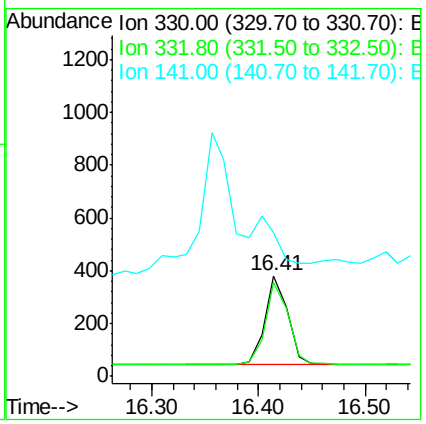


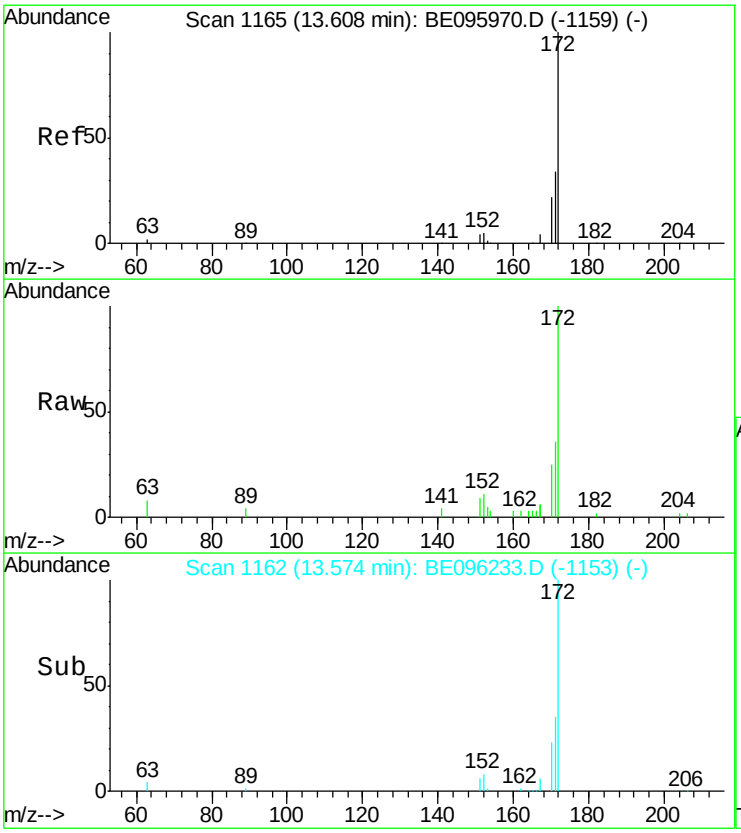
#14
2,4,6-Tribromophenol
Concen: 0.446 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:330 Resp: 504

Ion	Ratio	Lower	Upper
330	100		
332	92.1	152.7	229.1#
141	0.0	33.7	50.5#

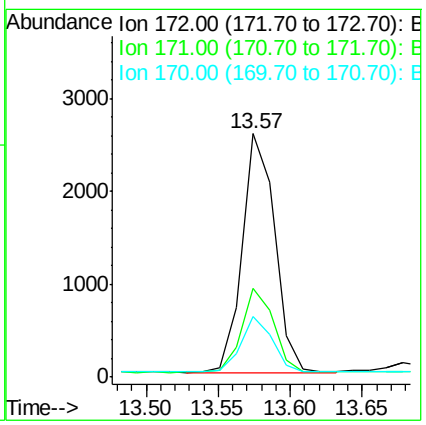


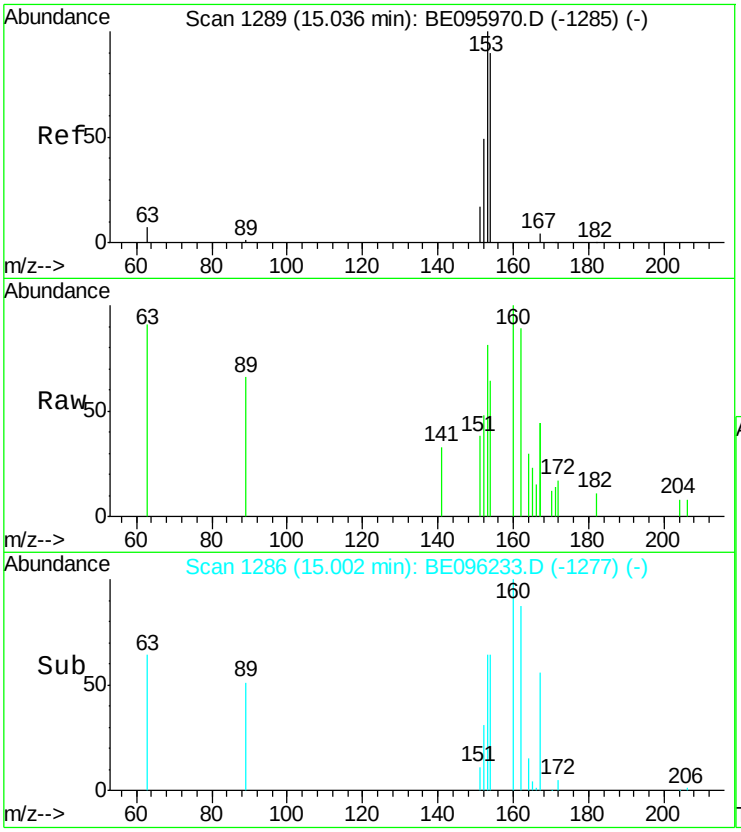


#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:172 Resp: 4029

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	25.0	21.8	32.8



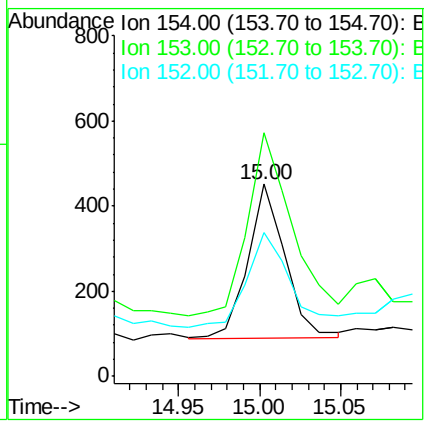


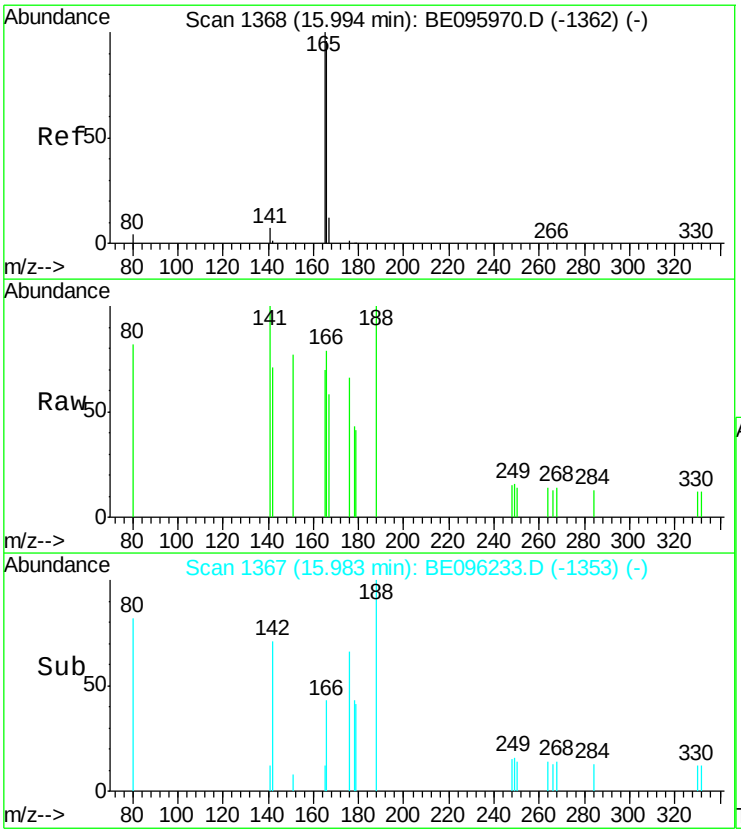
#17
Acenaphthene
Concen: 0.076 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:154 Resp: 572

Ion	Ratio	Lower	Upper
154	100		
153	143.4	89.2	133.8#
152	73.3	42.0	63.0#

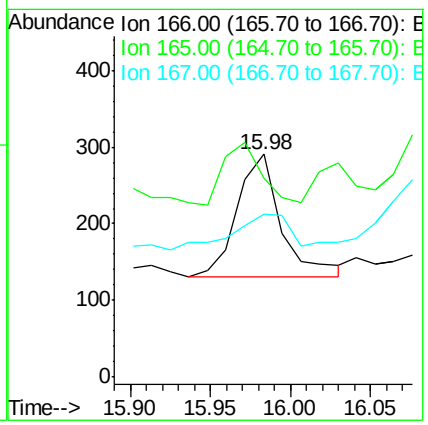


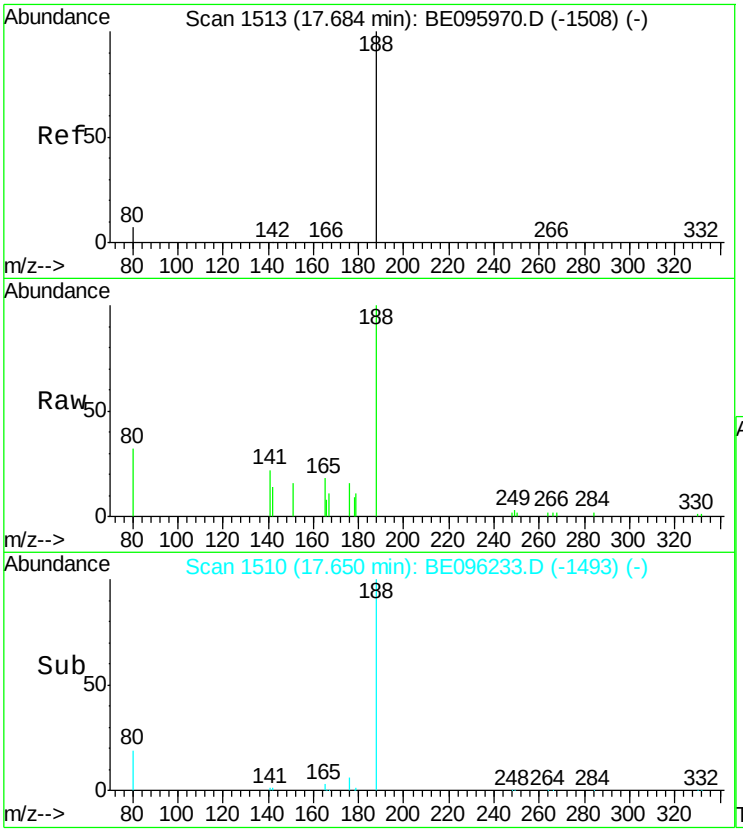


#18
Fluorene
Concen: 0.033 ng
RT: 15.98 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:166 Resp: 304

Ion	Ratio	Lower	Upper
166	100		
165	41.4	77.8	116.6#
167	41.4	42.4	63.6#



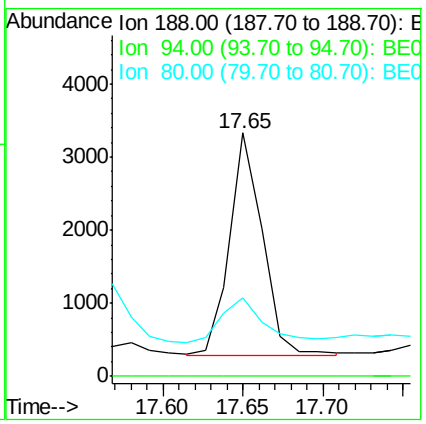


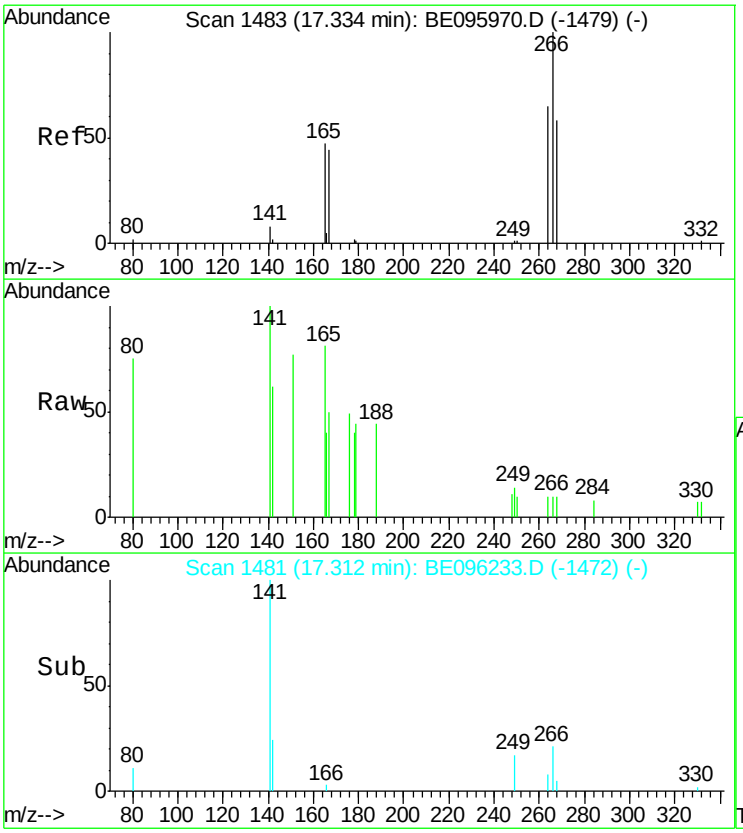
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:188 Resp: 4305

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	32.3	3.6	5.4#

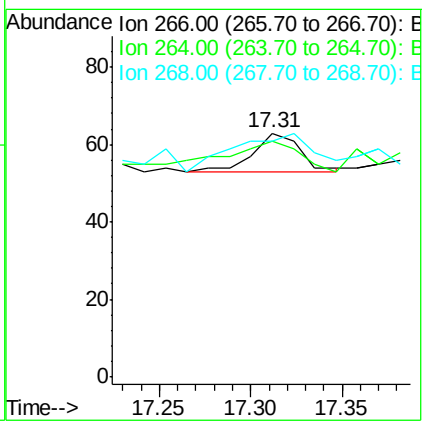


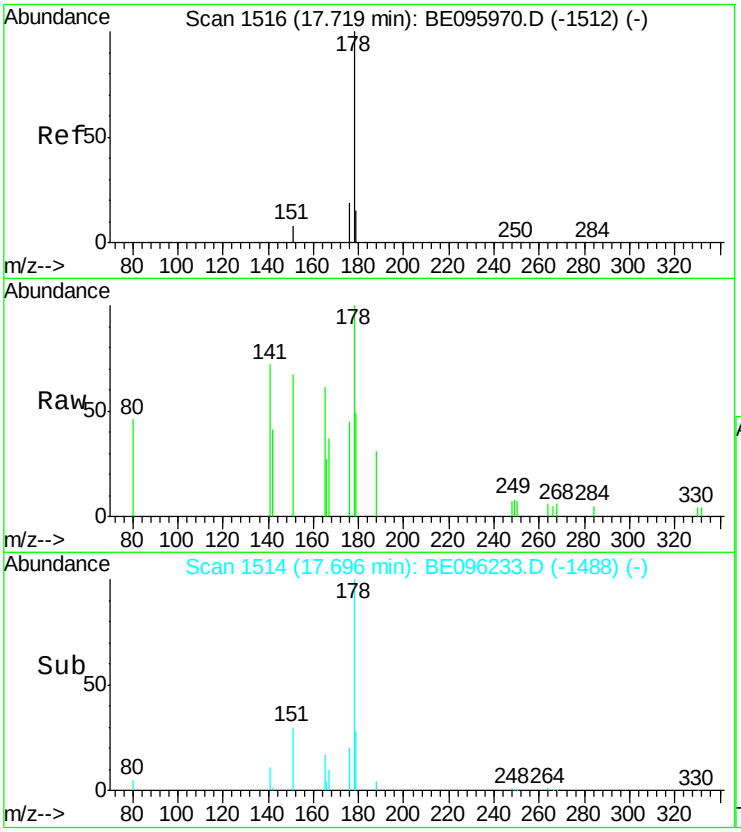


#22
Pentachlorophenol
Concen: 0.151 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
264	96.8	72.5	108.7
268	96.8	73.8	110.6



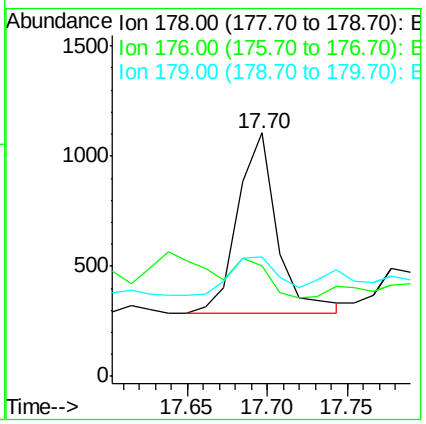


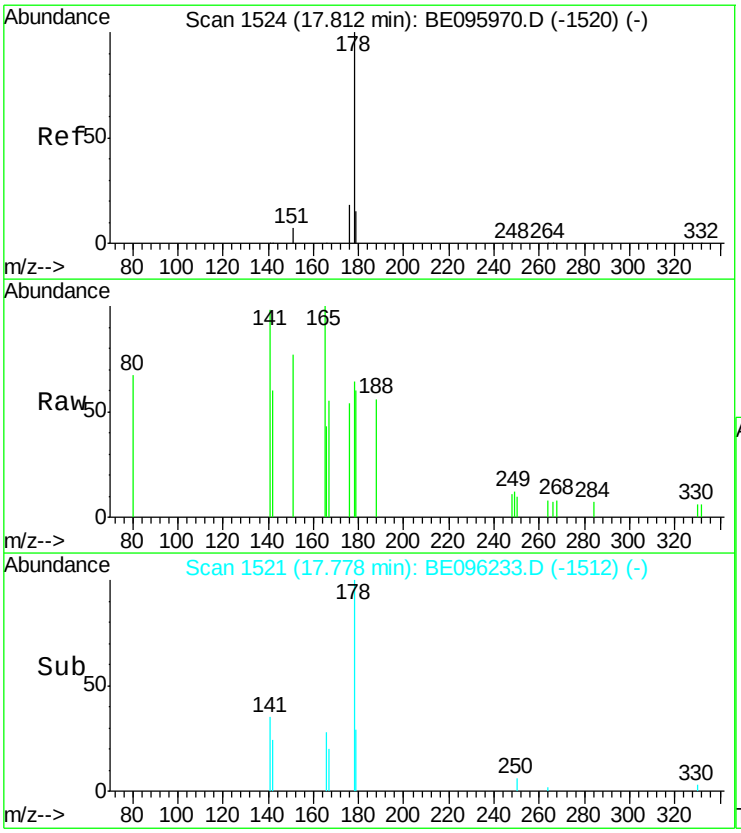
#23
Phenanthrene
Concen: 0.115 ng
RT: 17.70 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:178 Resp: 1389

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	25.7	11.8	17.6#

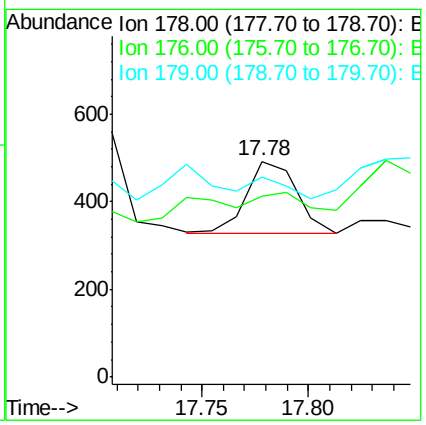


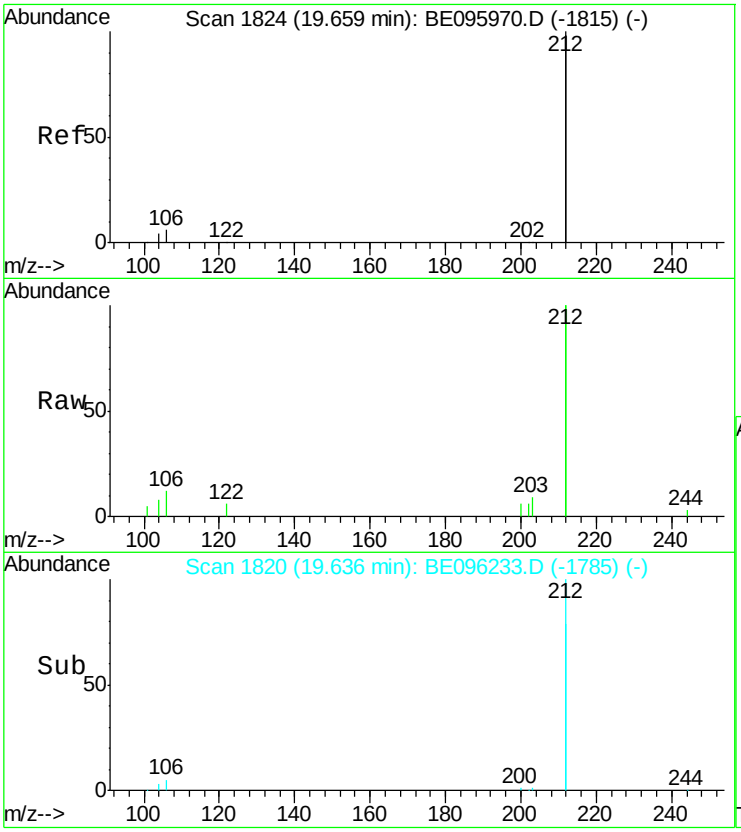


#24
Anthracene
Concen: 0.024 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:178 Resp: 273

Ion	Ratio	Lower	Upper
178	100		
176	44.3	12.8	19.2#
179	0.0	13.0	19.6#



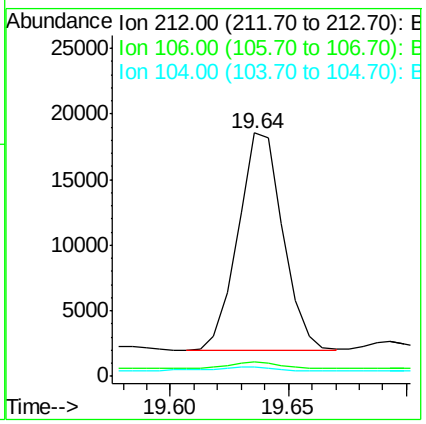


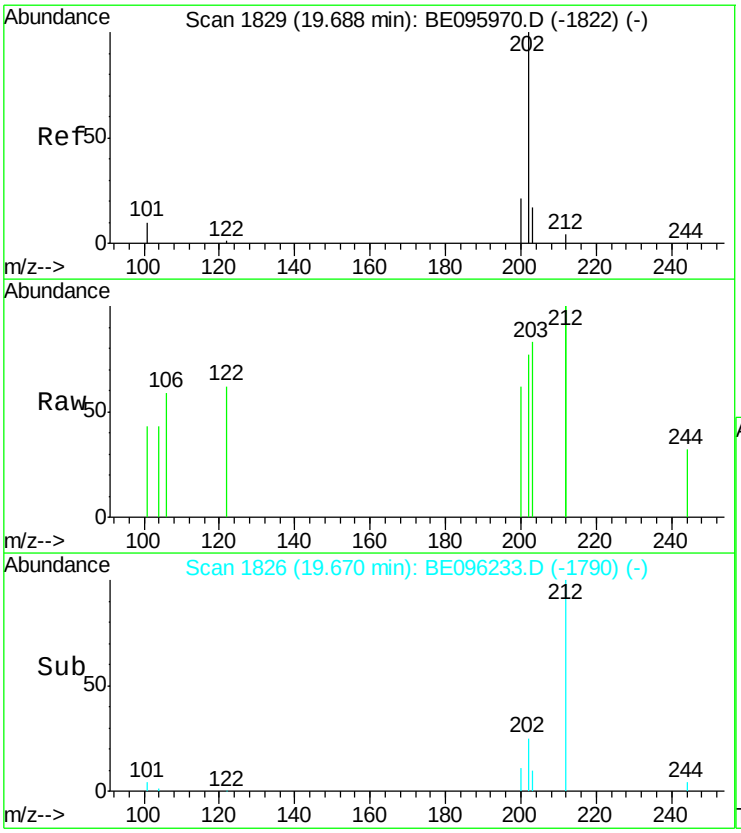
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.64 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:212 Resp: 22065

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.5	1.6	2.4#

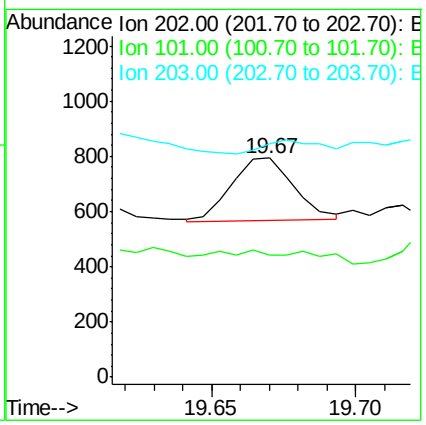


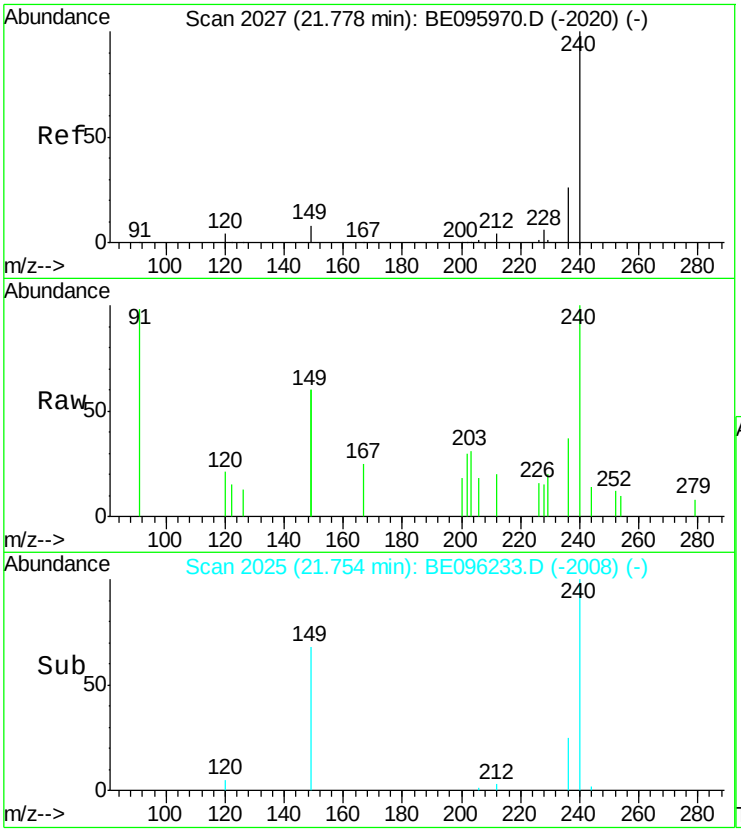


#26
Fluoranthene
Concen: 0.021 ng
RT: 19.67 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:202 Resp: 340

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	21.8	13.7	20.5#



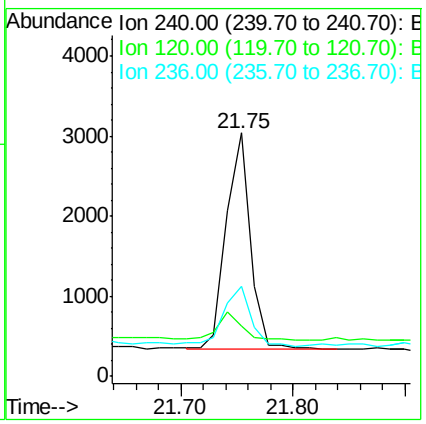


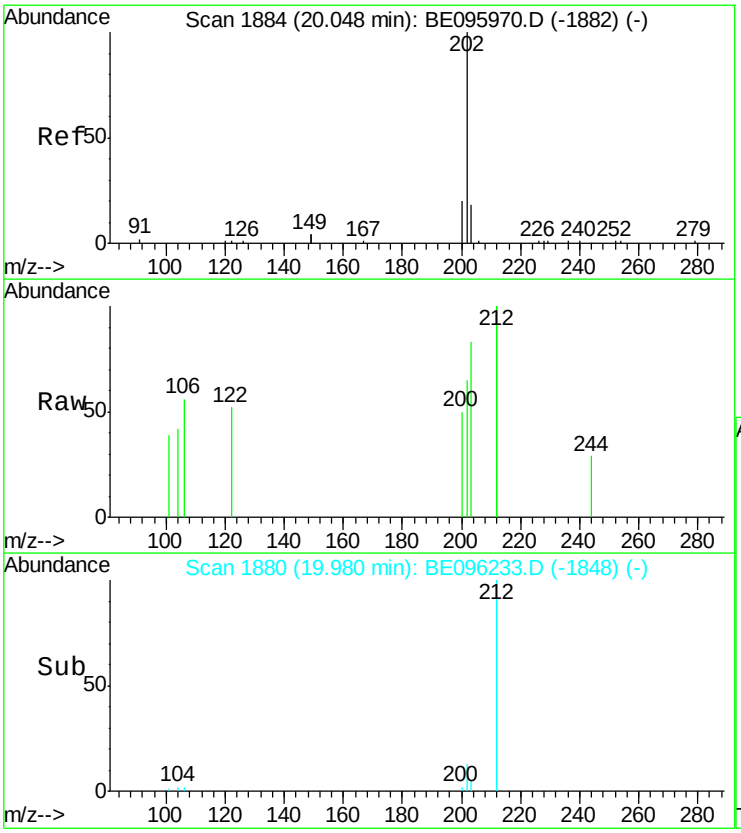
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.75 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:240 Resp: 3965

Ion	Ratio	Lower	Upper
240	100		
120	20.8	5.5	8.3#
236	36.8	20.7	31.1#

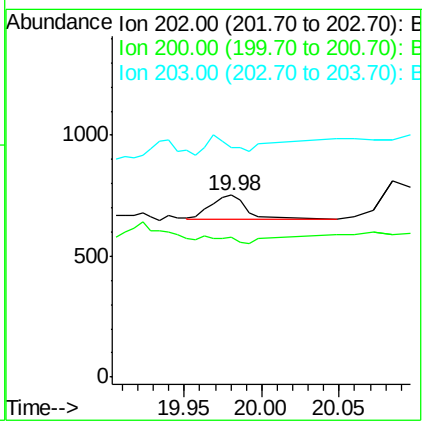


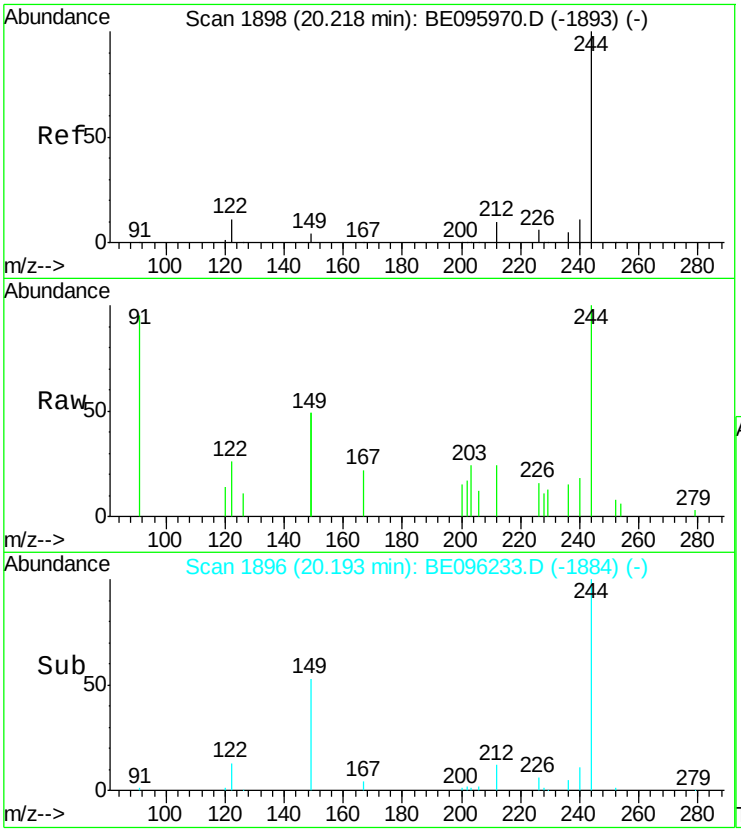


#28
Pyrene
Concen: 0.034 ng
RT: 19.98 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:202 Resp: 268

Ion	Ratio	Lower	Upper
202	100		
200	12.3	16.6	25.0#
203	34.3	13.8	20.8#



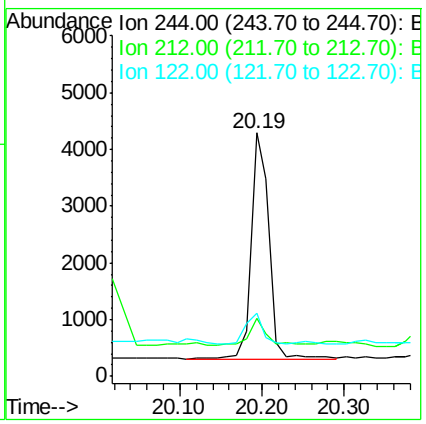


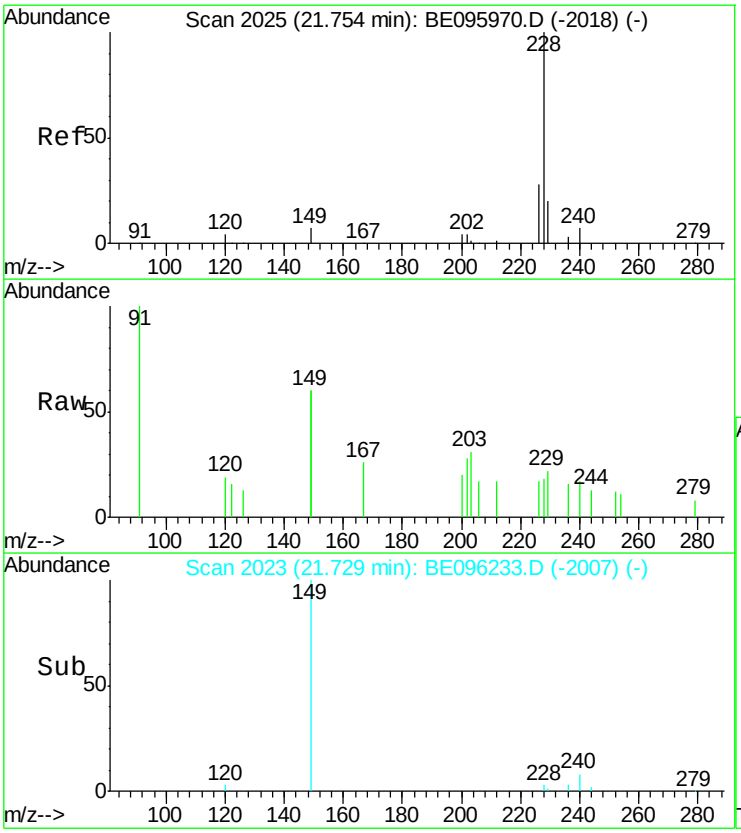
#29
Terphenyl-d14
Concen: 0.685 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:244 Resp: 6005

Ion	Ratio	Lower	Upper
244	100		
212	23.9	25.4	38.0#
122	26.2	8.1	12.1#

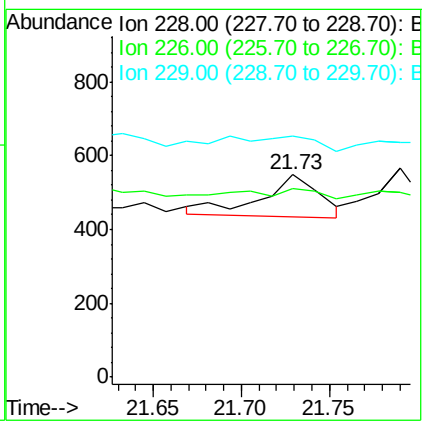


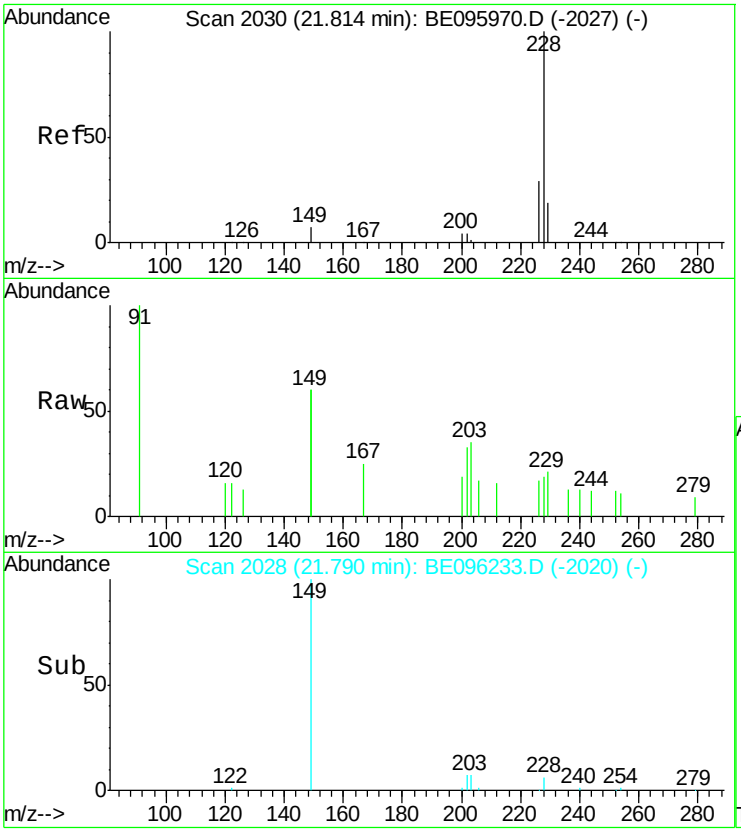


#30
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:228 Resp: 259

Ion	Ratio	Lower	Upper
228	100		
226	93.3	24.0	36.0#
229	119.1	16.0	24.0#



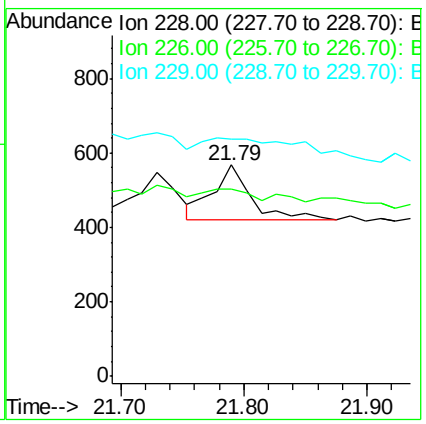


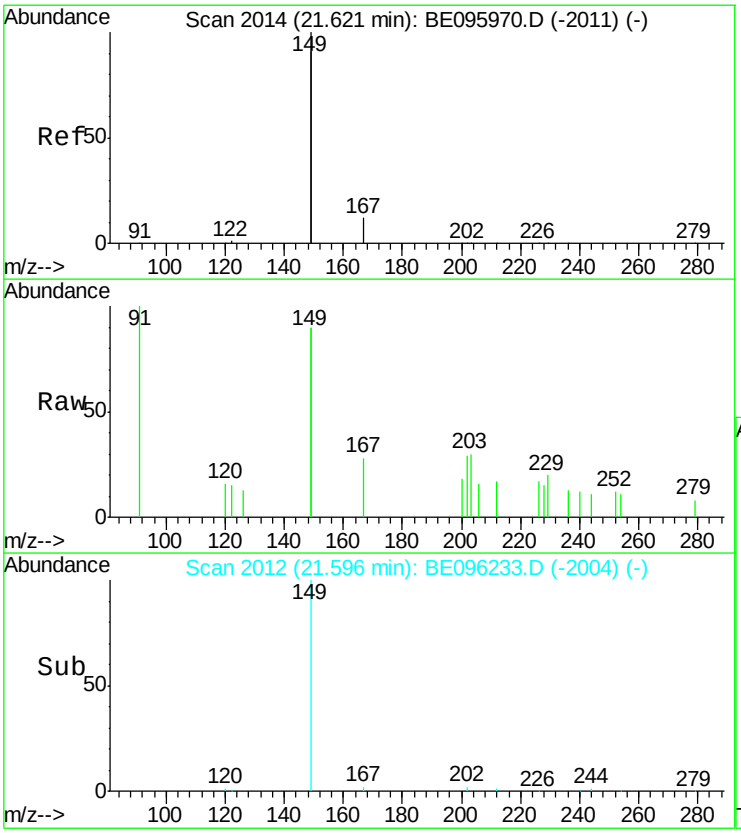
#31
Chrysene
Concen: 0.027 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:228 Resp: 327

Ion	Ratio	Lower	Upper
228	100		
226	88.4	24.0	36.0#
229	112.0	16.0	24.0#

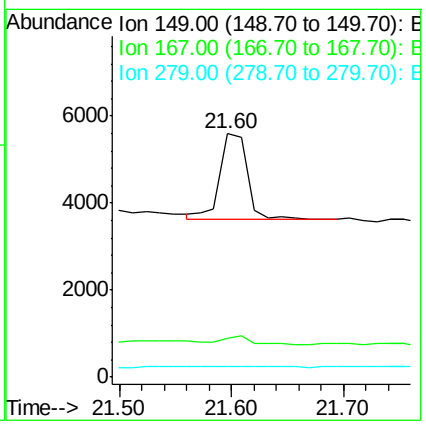


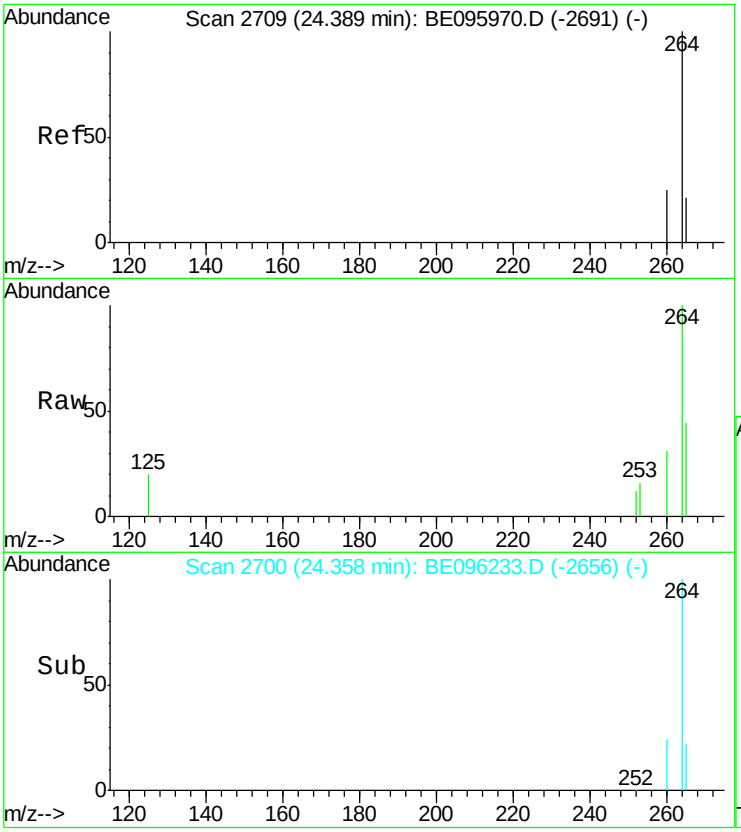


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:149 Resp: 3362

Ion	Ratio	Lower	Upper
149	100		
167	9.3	5.4	8.0#
279	2.6	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.36 min Scan# 2700
Delta R.T. 0.01 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20180424

Tgt Ion:264 Resp: 3930

Ion	Ratio	Lower	Upper
264	100		
260	31.2	20.5	30.7#
265	43.7	22.8	34.2#