Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
Data File : BE096255.D
Acq On : 1 May 2018 13:14
Operator : SJ/JU
Sample : J2464-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SS043MW010-180418

Quant Time: May 02 02:31:26 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	710	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	2656	0.40	ng		0.00
13) Acenaphthene-d10	14.95	164	1516	0.40	ng		0.00
19) Phenanthrene-d10	17.65	188	3584	0.40	ng		0.00
27) Chrysene-d12	21.74	240	3848	0.40	ng		0.00
34) Perylene-d12	24.35	264	3649	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	399	0.18	ng		0.00
5) Phenol-d6	7.52	99	382	0.13	ng		0.01
8) Nitrobenzene-d5	9.54	82	1304	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.74	152	1586	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	321	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	2475	0.38	ng		0.00
25) Fluoranthene-d10	19.64	212	19900	0.41	ng		0.00
29) Terphenyl-d14	20.19	244	3158	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	8538	7.785	ng	#	90
6) bis(2-Chloroethyl)ether	7.76	93	2208	0.828	ng		93
9) Naphthalene	11.24	128	3113	0.111	ng	#	91
12) 2-Methylnaphthalene	12.80	142	122	0.026	ng	#	64
16) Acenaphthylene	14.67	152	400	0.049	ng	#	53
17) Acenaphthene	15.00	154	45551	9.364	ng		94
18) Fluorene	15.97	166	44296	7.358	ng	#	79
23) Phenanthrene	17.68	178	20564	2.042	ng		98
24) Anthracene	17.78	178	8819	0.916	ng	#	88
26) Fluoranthene	19.66	202	10877	0.822	ng	#	50
32) Bis(2-ethylhexyl)phthalate	21.60	149	4599	0.144	ng		97

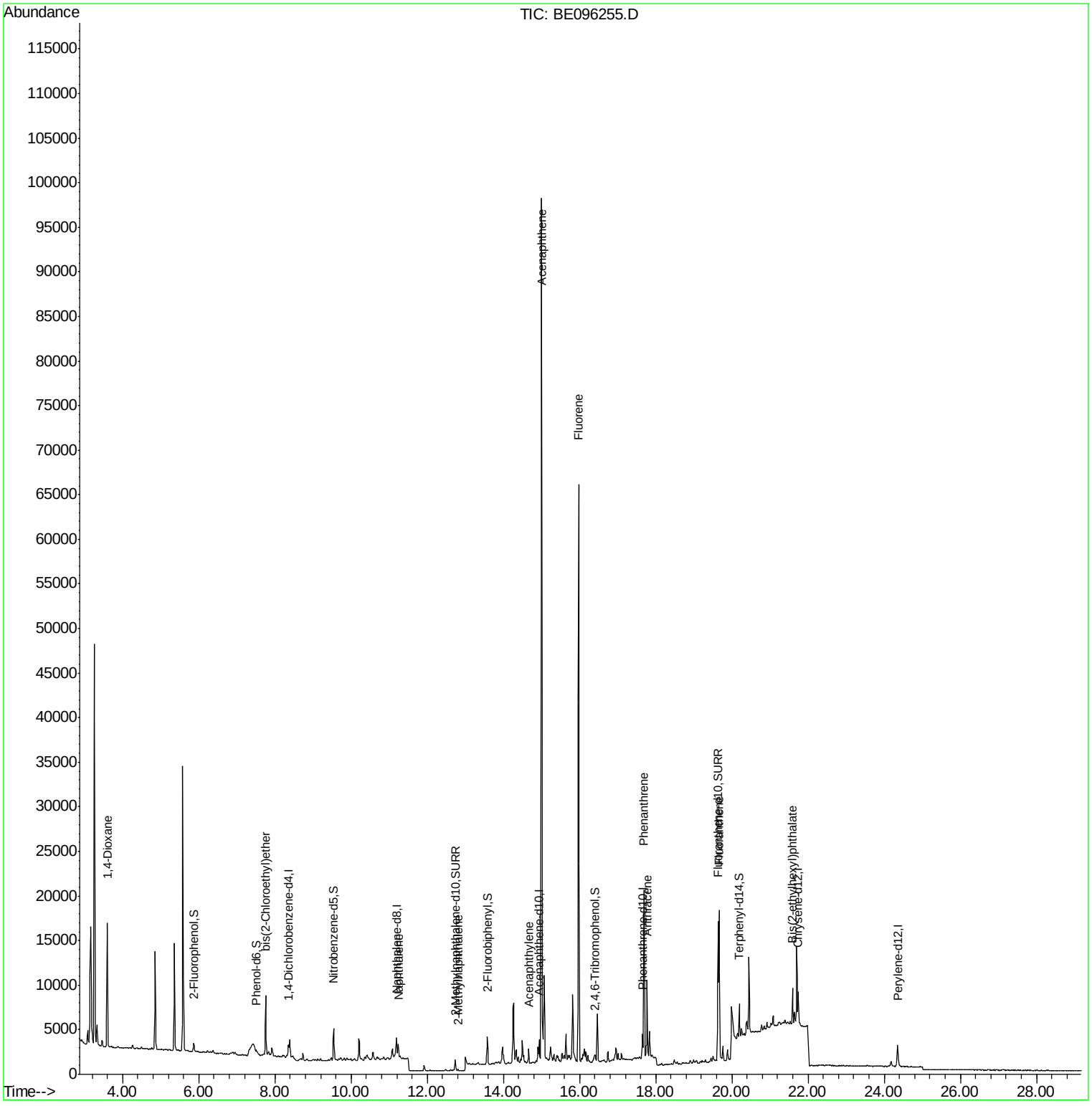
(#) = qualifier out of range (m) = manual integration (+) = signals summed

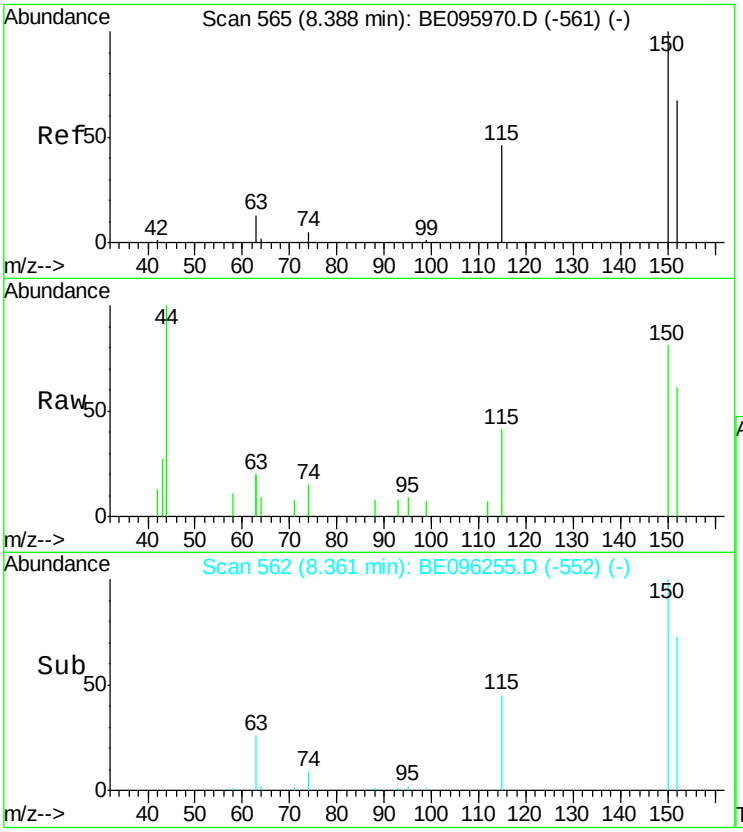
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
Data File : BE096255.D
Acq On : 1 May 2018 13:14
Operator : SJ/JU
Sample : J2464-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Quant Time: May 02 02:31:26 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



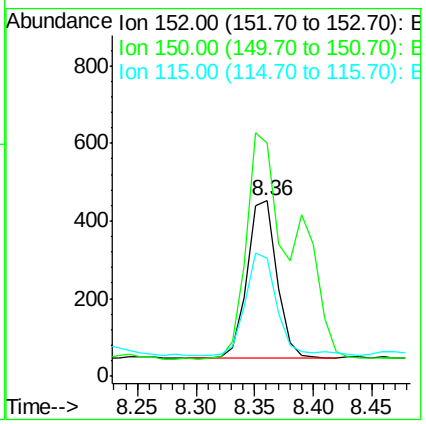


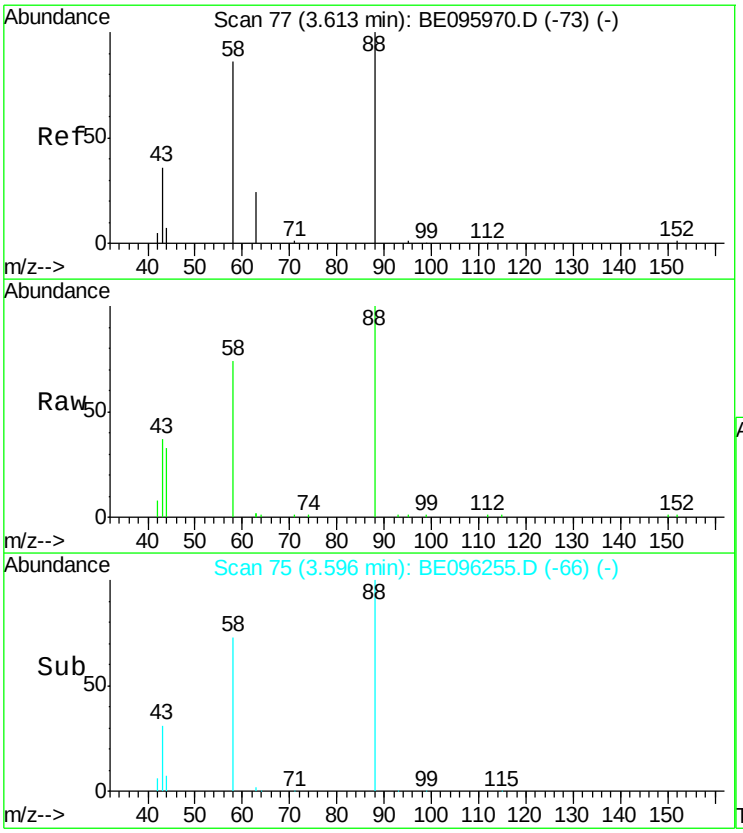
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:152 Resp: 710

Ion	Ratio	Lower	Upper
152	100		
150	132.7	117.2	175.8
115	67.0	57.0	85.6

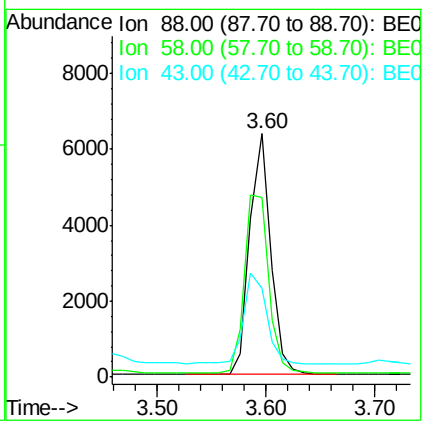


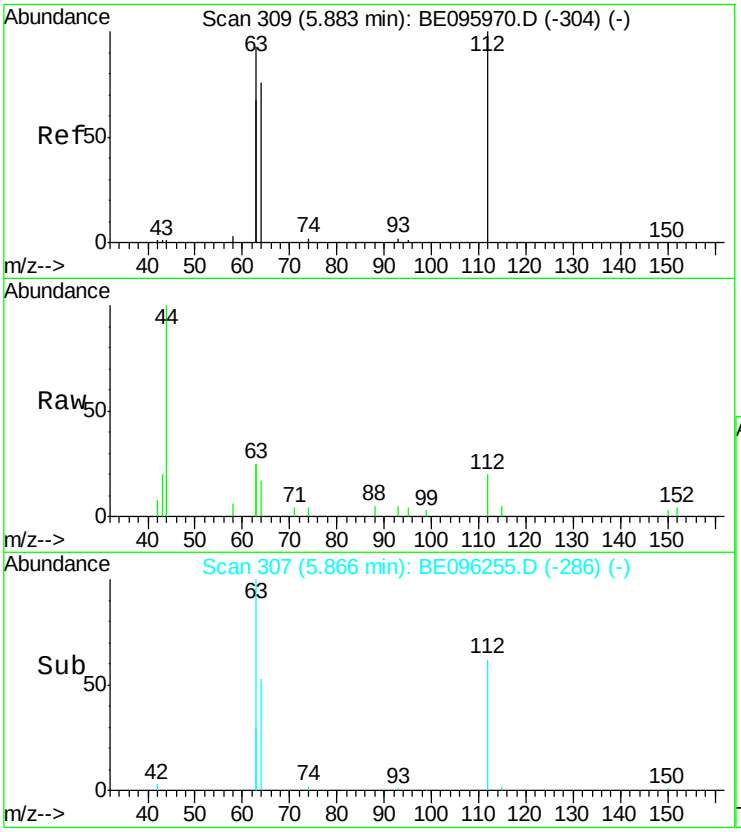


#2
1,4-Dioxane
Concen: 7.785 ng
RT: 3.60 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion: 88 Resp: 8538

Ion	Ratio	Lower	Upper
88	100		
58	84.6	63.2	94.8
43	41.0	41.2	61.8#



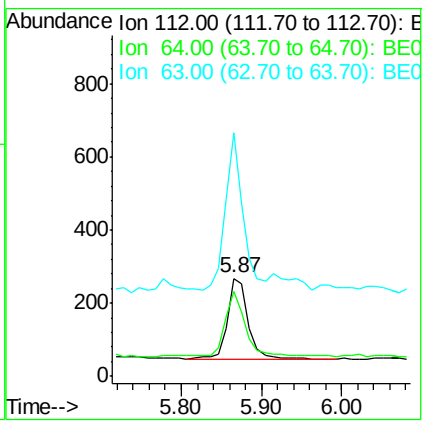


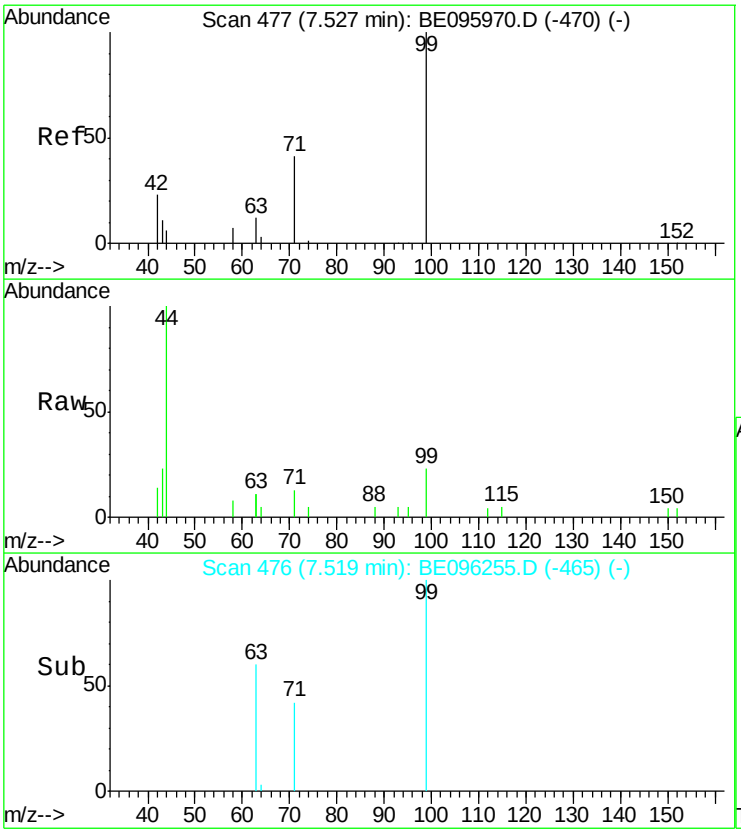
#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.87 min Scan# 307
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:112 Resp: 399

Ion	Ratio	Lower	Upper
112	100		
64	79.2	60.1	90.1
63	167.9	116.8	175.2

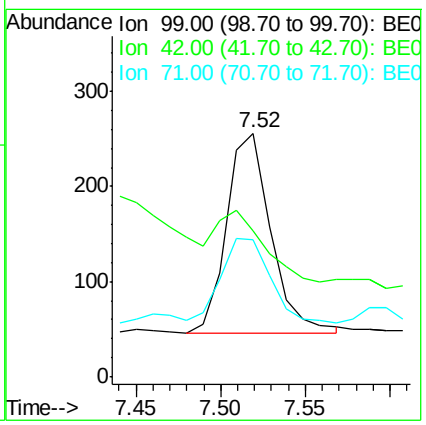


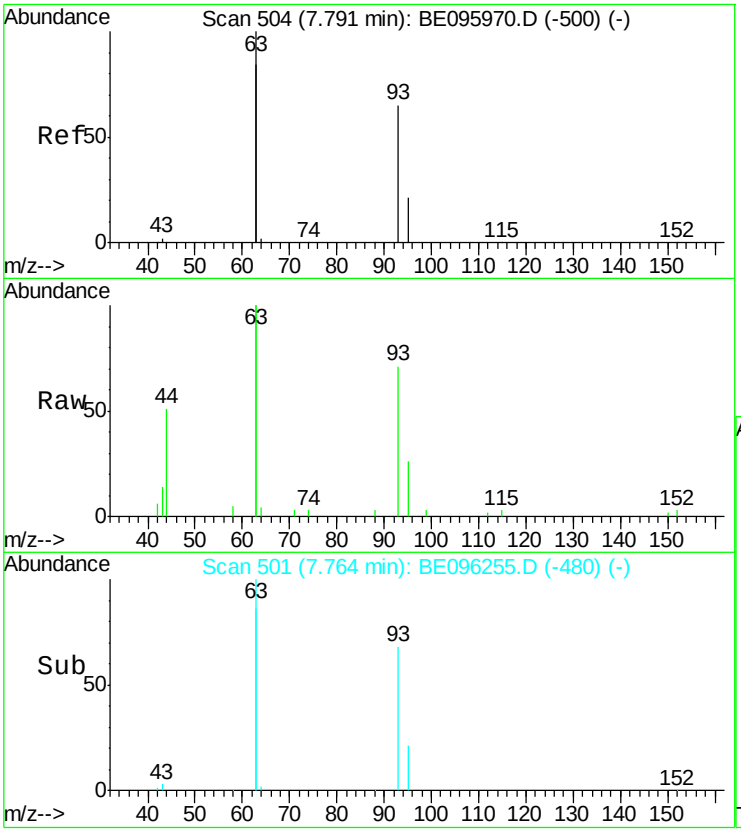


#5
Phenol-d6
Concen: 0.126 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion: 99 Resp: 382

Ion	Ratio	Lower	Upper
99	100		
42	37.2	20.2	30.2#
71	47.6	28.4	42.6#



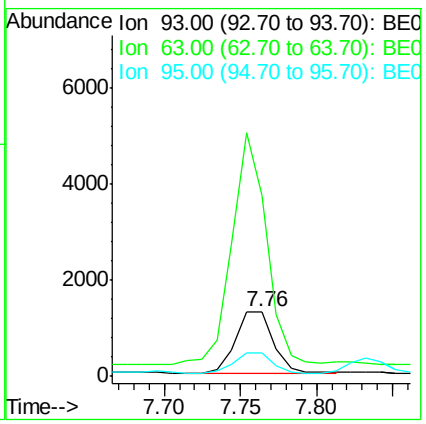


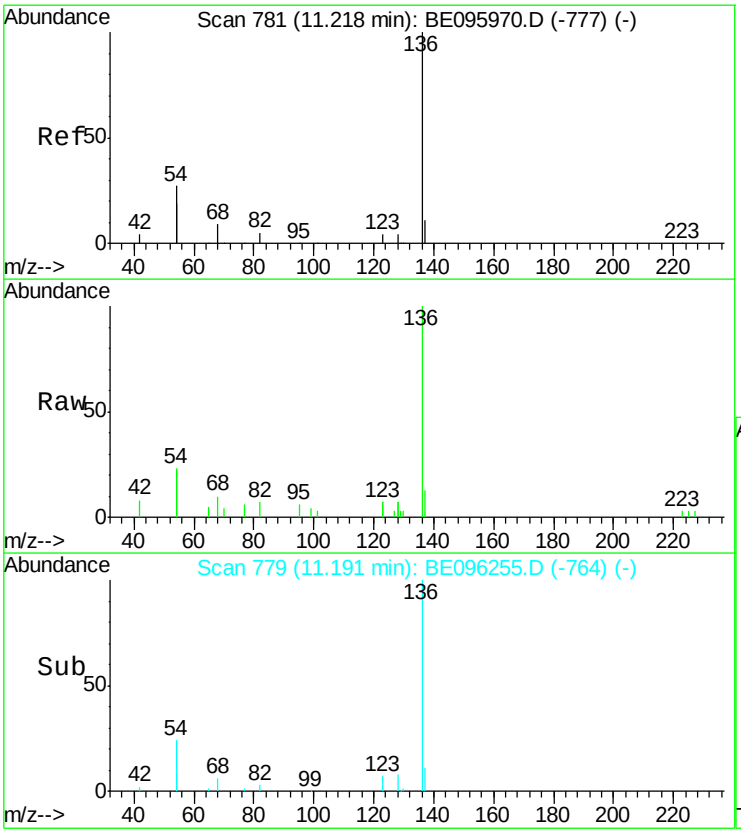
#6
bis(2-Chloroethyl)ether
Concen: 0.828 ng
RT: 7.76 min Scan# 501
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion: 93 Resp: 2208

Ion	Ratio	Lower	Upper
93	100		
63	359.6	275.3	412.9
95	35.4	25.2	37.8

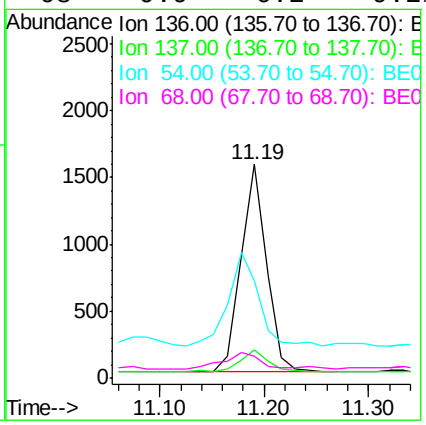


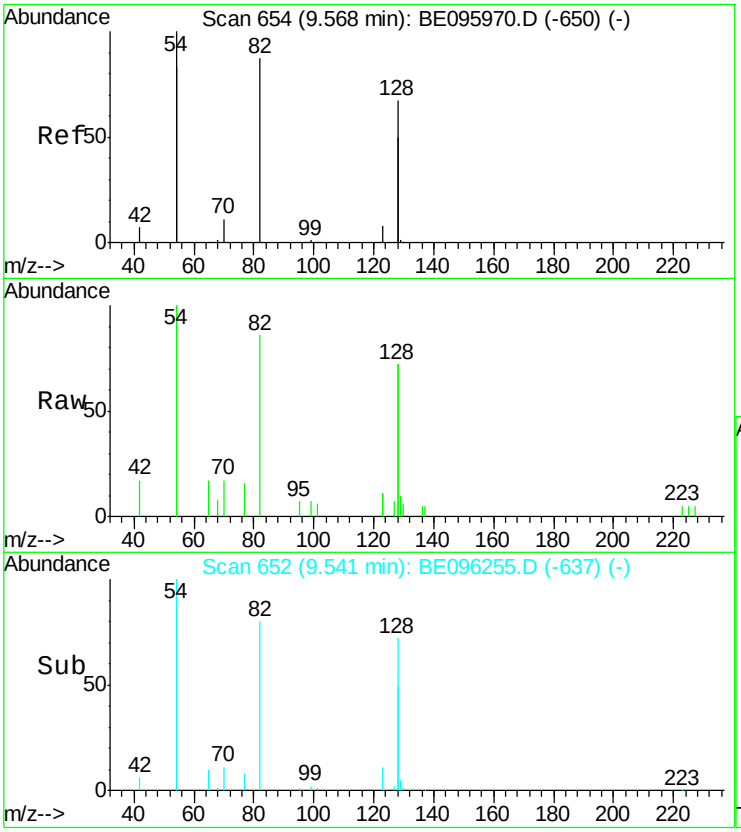


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:136 Resp: 2656

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	45.6	29.1	43.7#
68	9.9	6.2	9.2#



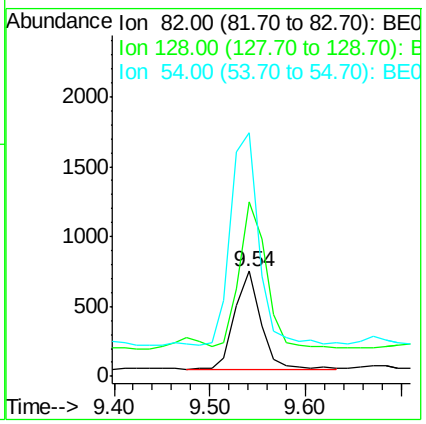


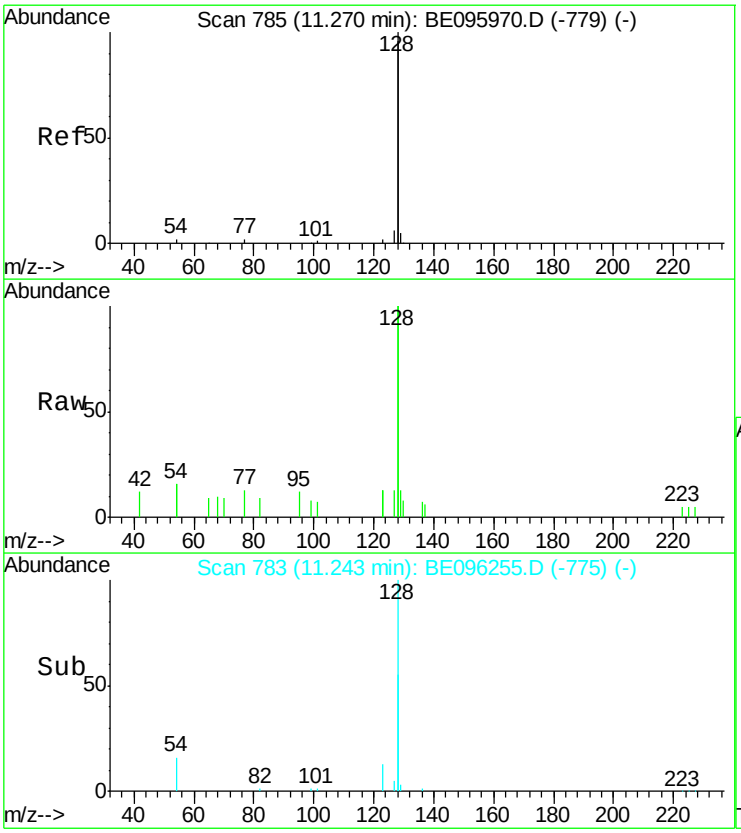
#8
Nitrobenzene-d5
Concen: 0.419 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion: 82 Resp: 1304

Ion	Ratio	Lower	Upper
82	100		
128	166.5	150.0	225.0
54	231.6	154.2	231.4#

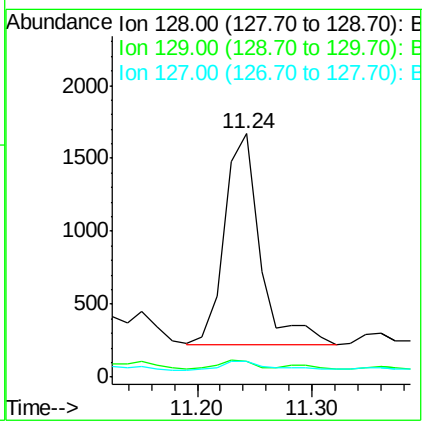


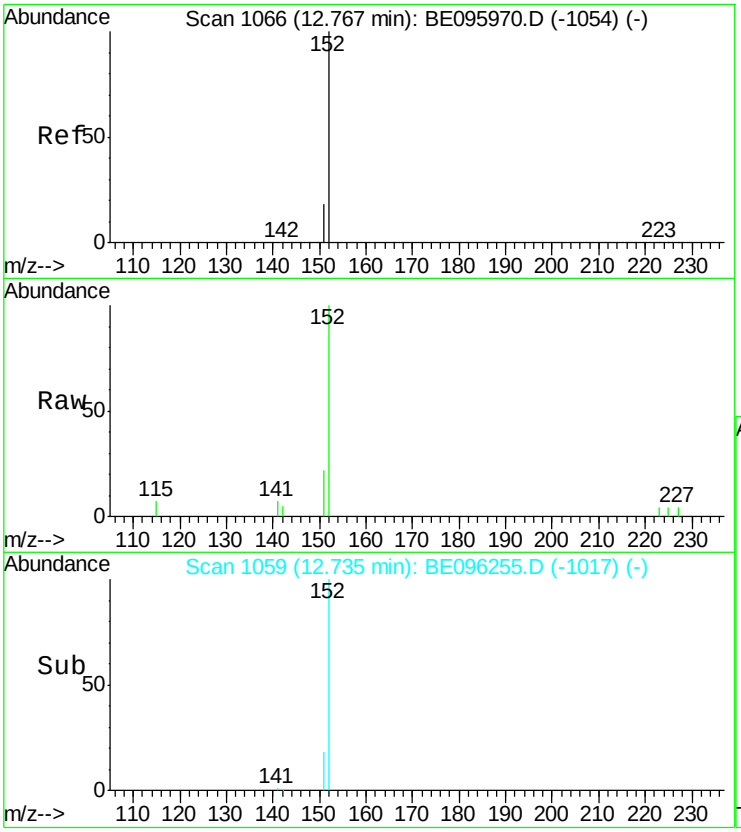


#9
Naphthalene
Concen: 0.111 ng
RT: 11.24 min Scan# 783
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:128 Resp: 3113

Ion	Ratio	Lower	Upper
128	100		
129	6.7	2.6	3.8#
127	6.3	2.8	4.2#



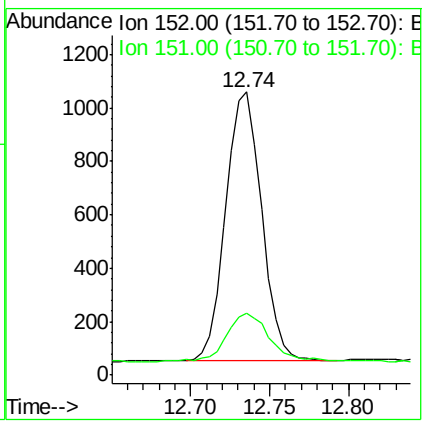


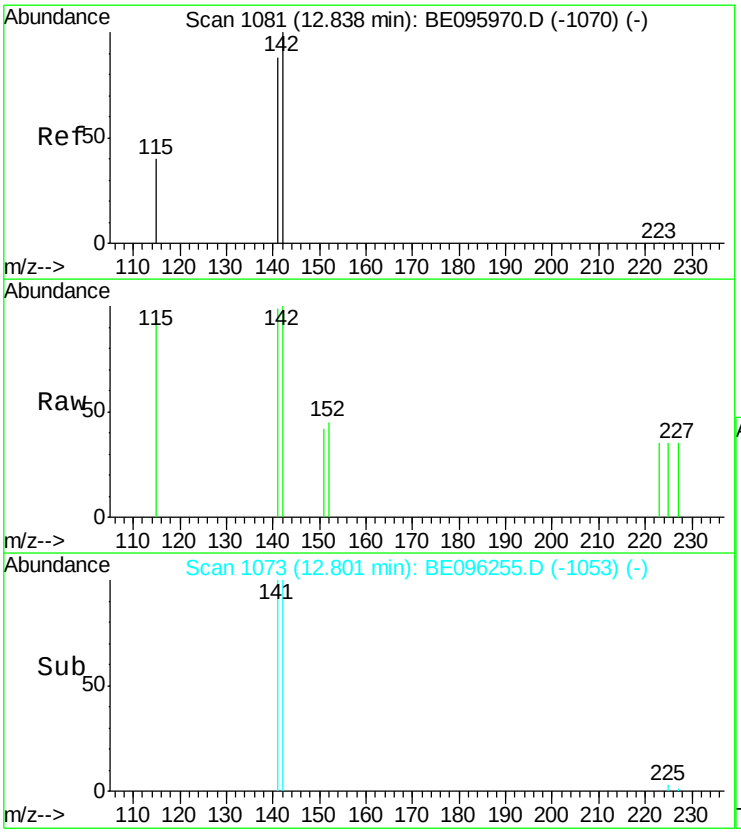
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:152 Resp: 1586

Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.4	23.0#

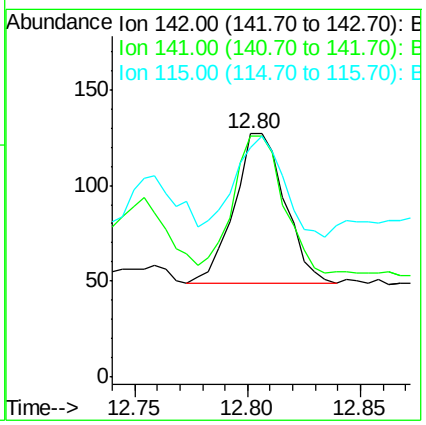


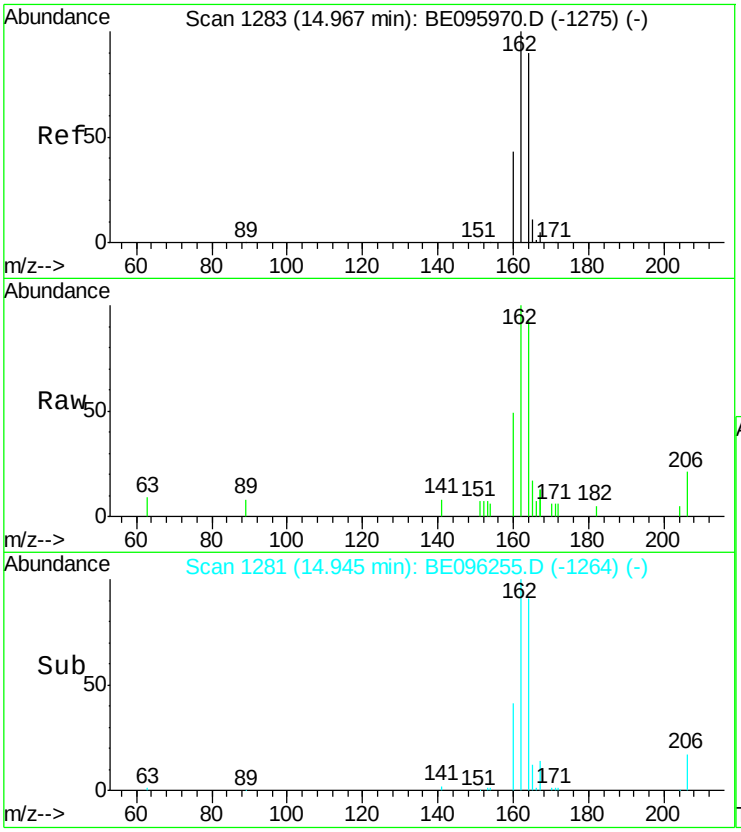


#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:142 Resp: 122

Ion	Ratio	Lower	Upper
142	100		
141	99.2	70.4	105.6
115	94.5	31.7	47.5#



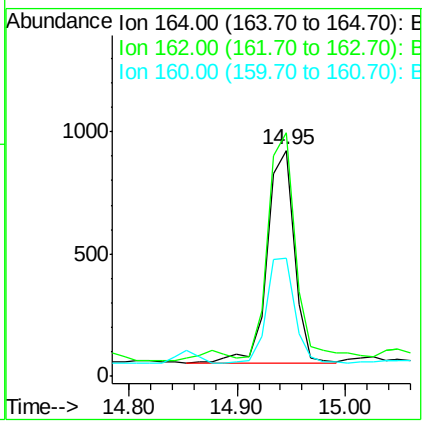


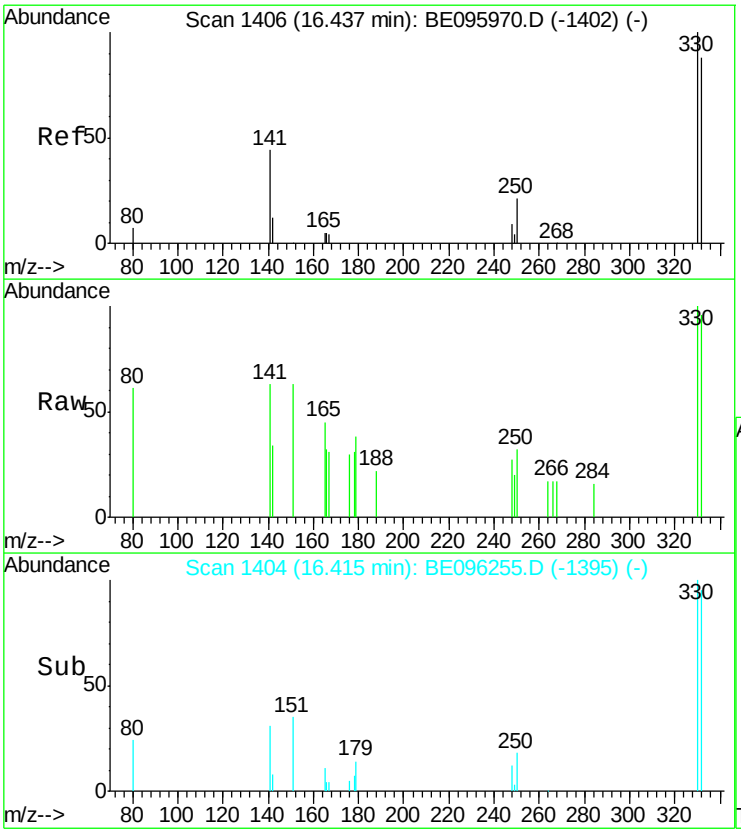
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.95 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:164 Resp: 1516

Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.1	124.7
160	52.5	37.1	55.7

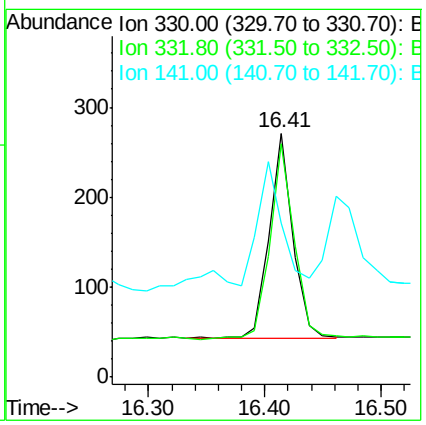


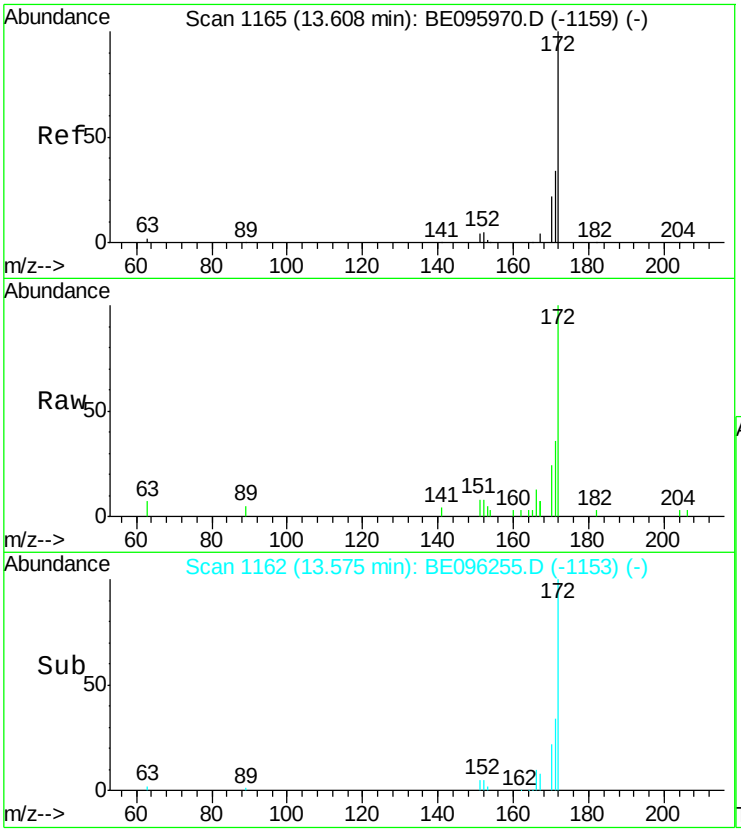


#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:330 Resp: 321

Ion	Ratio	Lower	Upper
330	100		
332	98.8	152.7	229.1#
141	63.6	33.7	50.5#



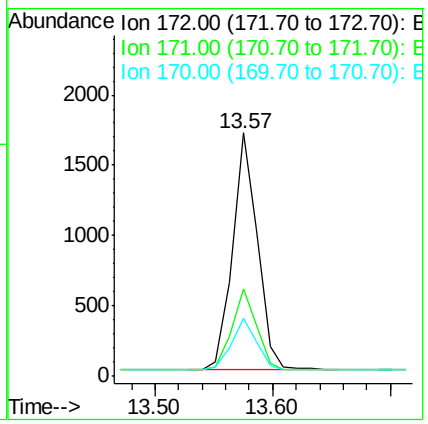


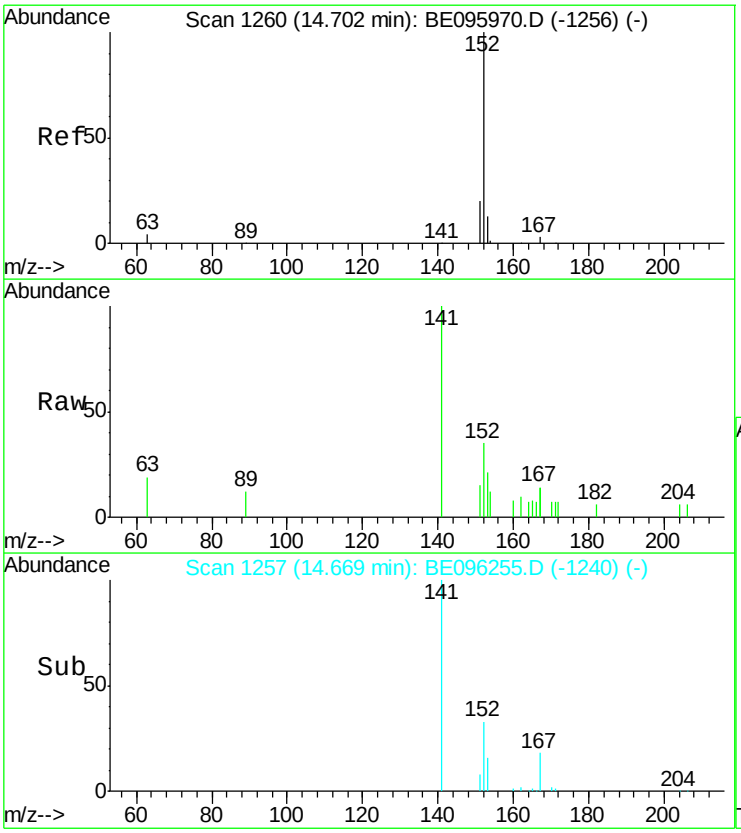
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:172 Resp: 2475

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	24.0	21.8	32.8

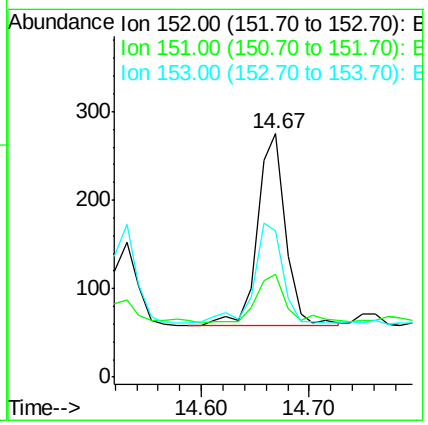


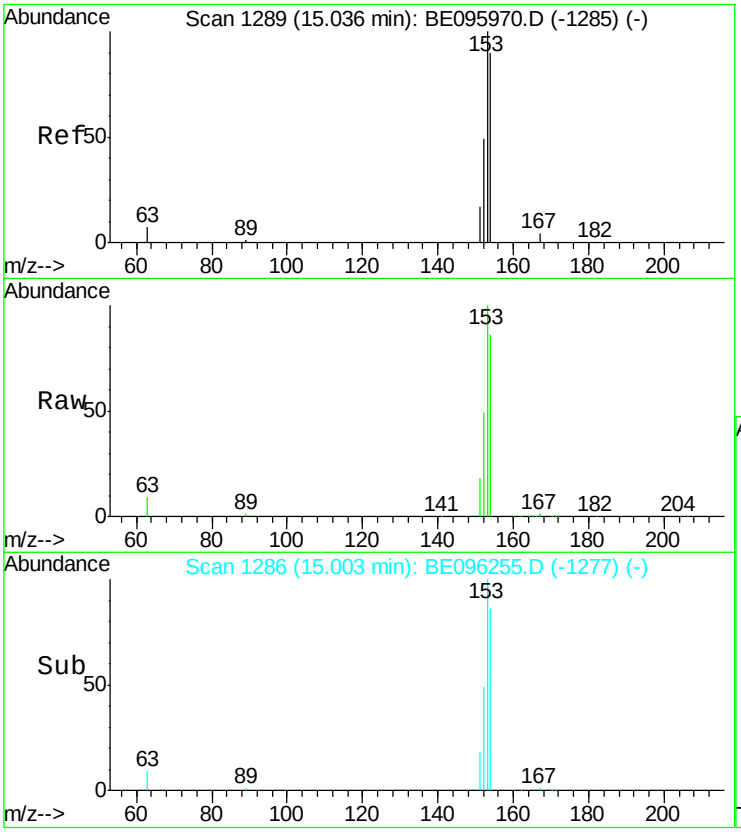


#16
Acenaphthylene
Concen: 0.049 ng
RT: 14.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:152 Resp: 400

Ion	Ratio	Lower	Upper
152	100		
151	25.0	15.7	23.5#
153	52.8	10.5	15.7#



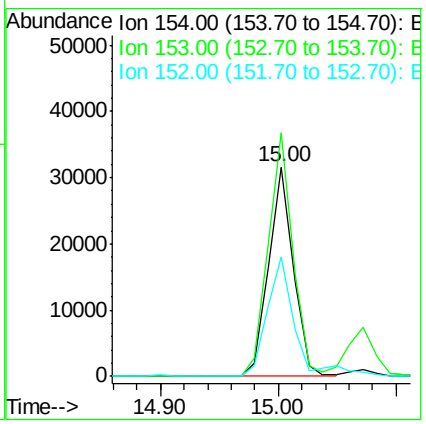


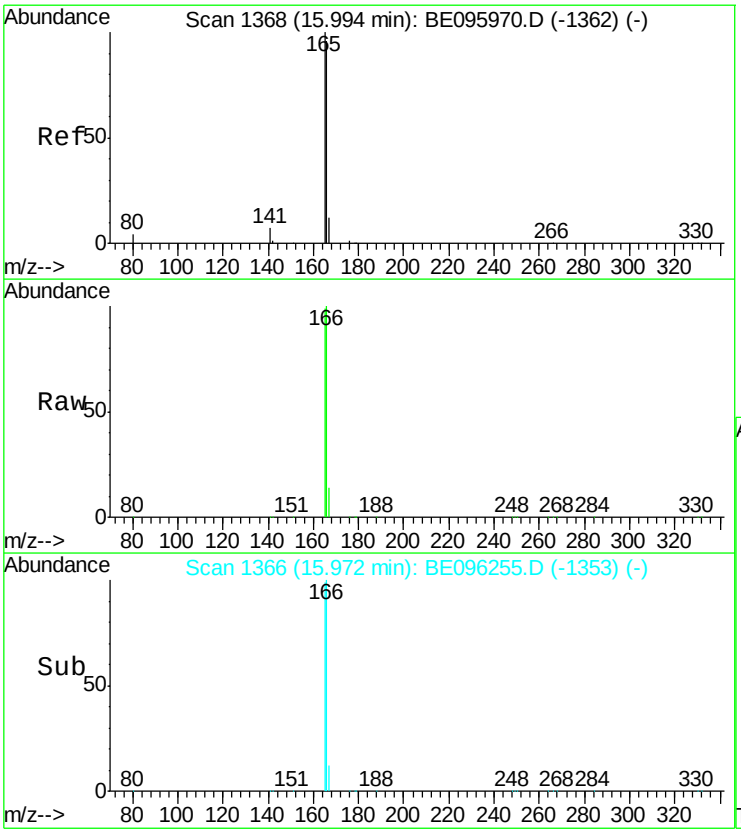
#17
Acenaphthene
Concen: 9.364 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:154 Resp: 45551

Ion	Ratio	Lower	Upper
154	100		
153	116.8	89.2	133.8
152	59.1	42.0	63.0

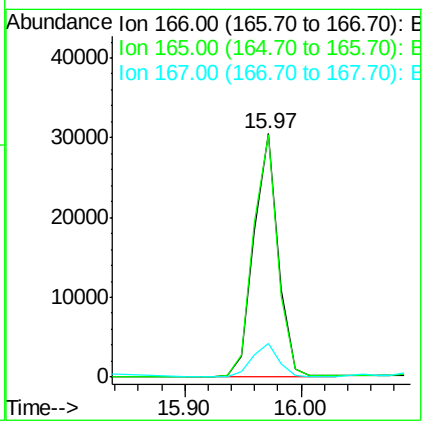


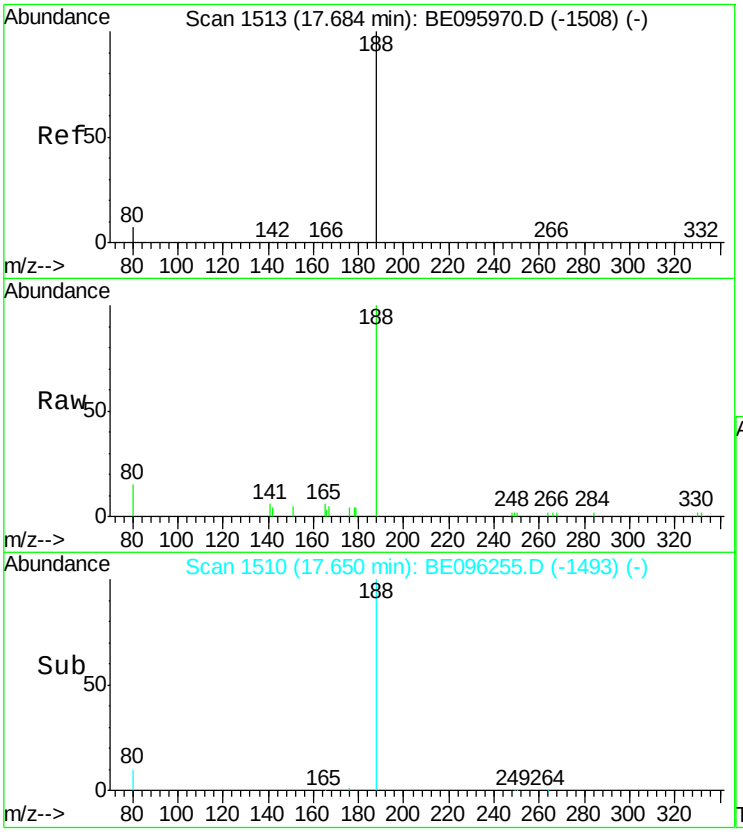


#18
Fluorene
Concen: 7.358 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:166 Resp: 44296

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.8	116.6
167	14.3	42.4	63.6#



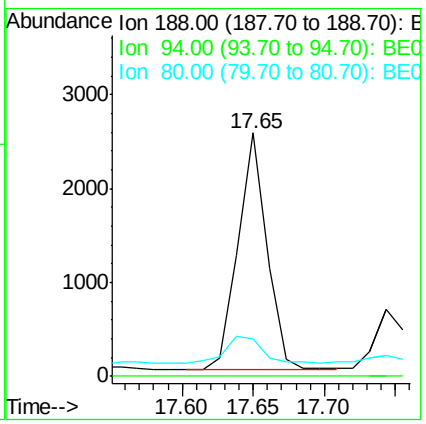


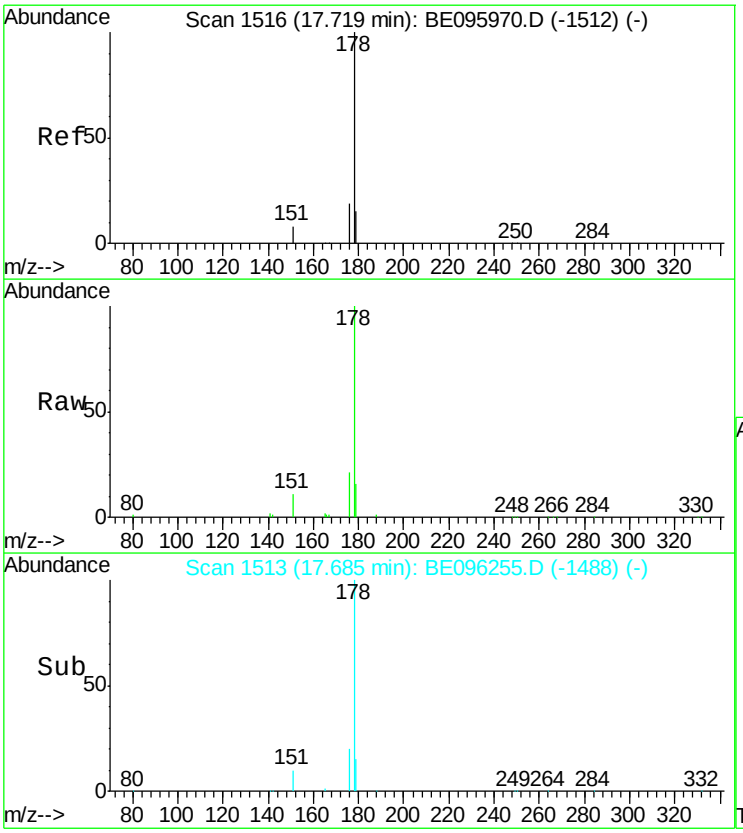
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:188 Resp: 3584

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.4	3.6	5.4#

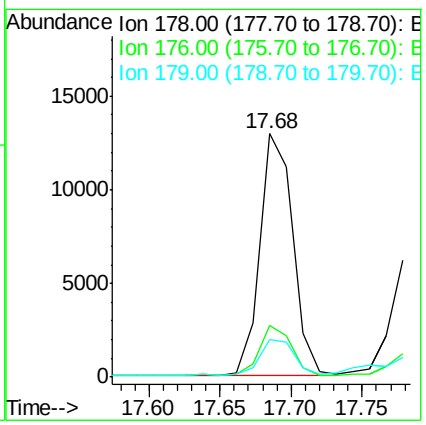


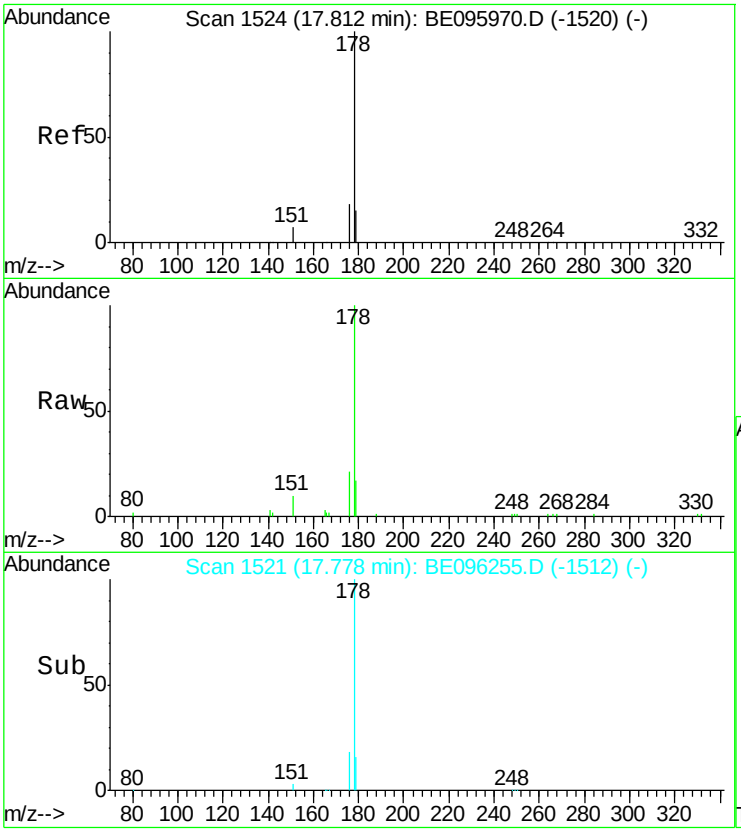


#23
Phenanthrene
Concen: 2.042 ng
RT: 17.68 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:178 Resp: 20564

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.3	11.8	17.6



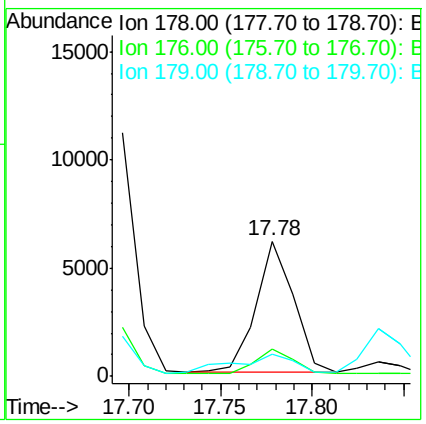


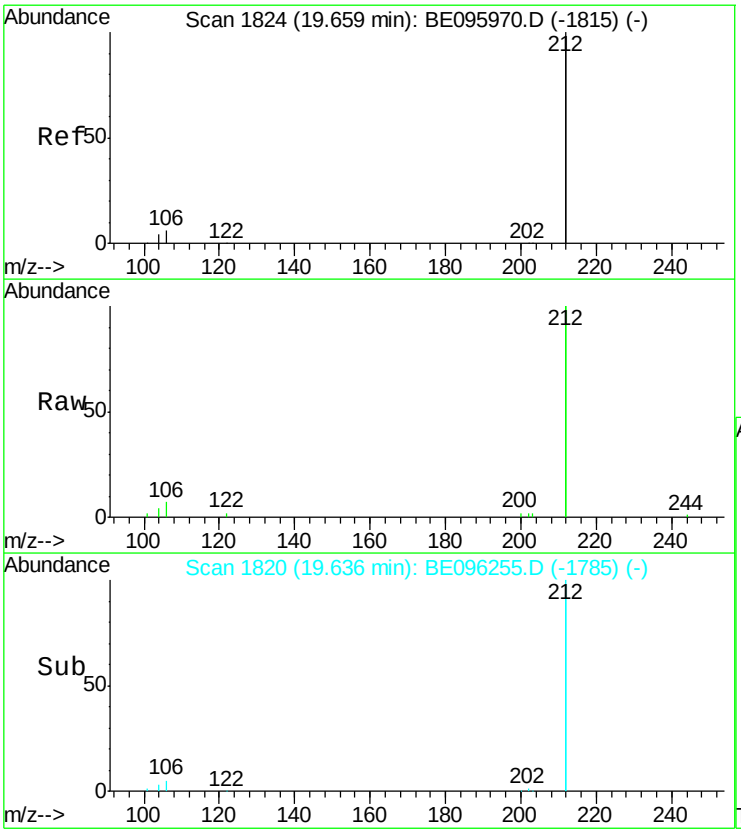
#24
Anthracene
Concen: 0.916 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:178 Resp: 8819

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	23.1	13.0	19.6#

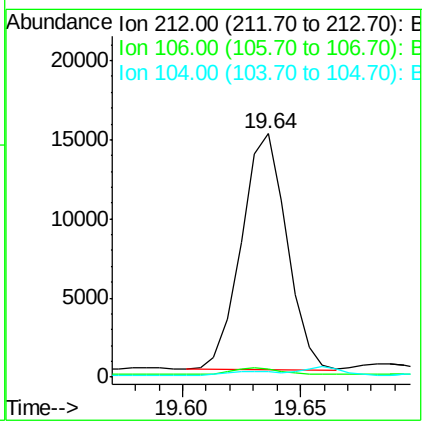


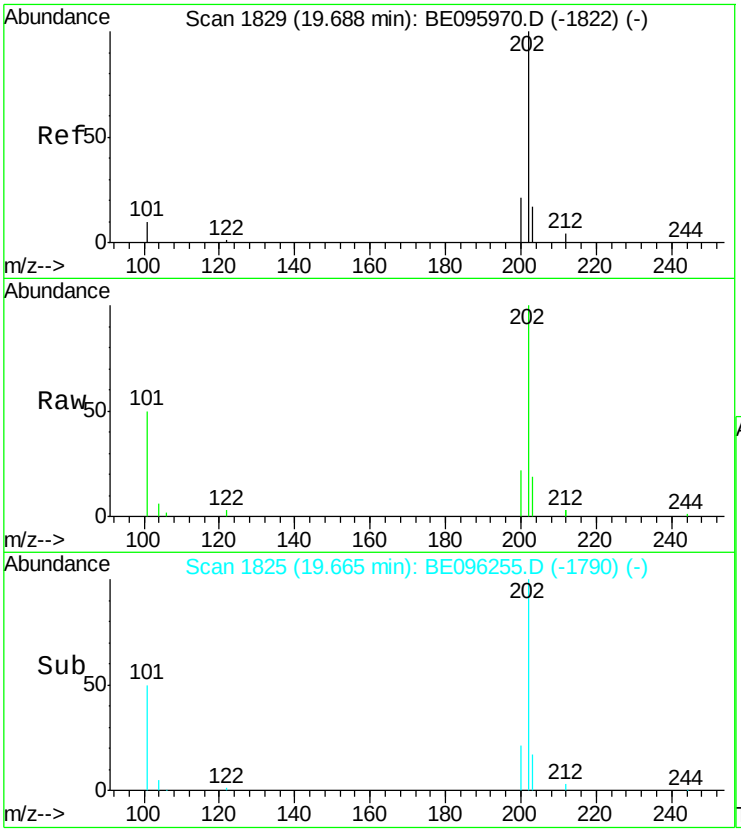


#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.64 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:212 Resp: 19900

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.9	1.6	2.4



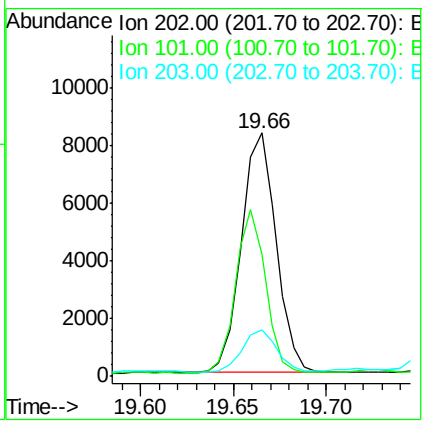


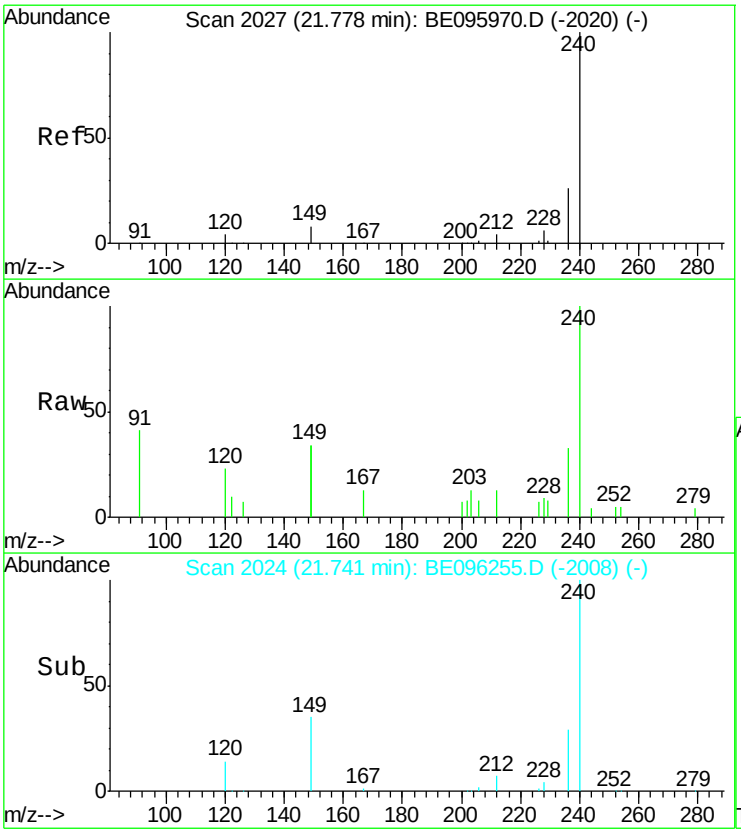
#26
Fluoranthene
Concen: 0.822 ng
RT: 19.66 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:202 Resp: 10877

Ion	Ratio	Lower	Upper
202	100		
101	58.6	9.8	14.8#
203	17.3	13.7	20.5

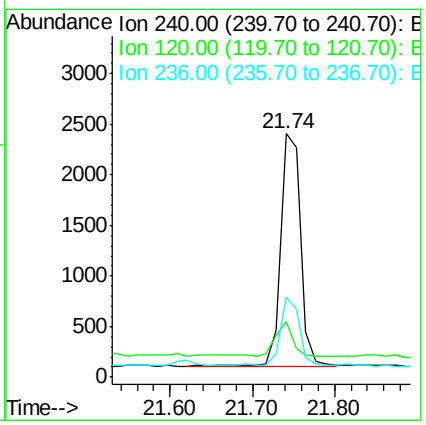


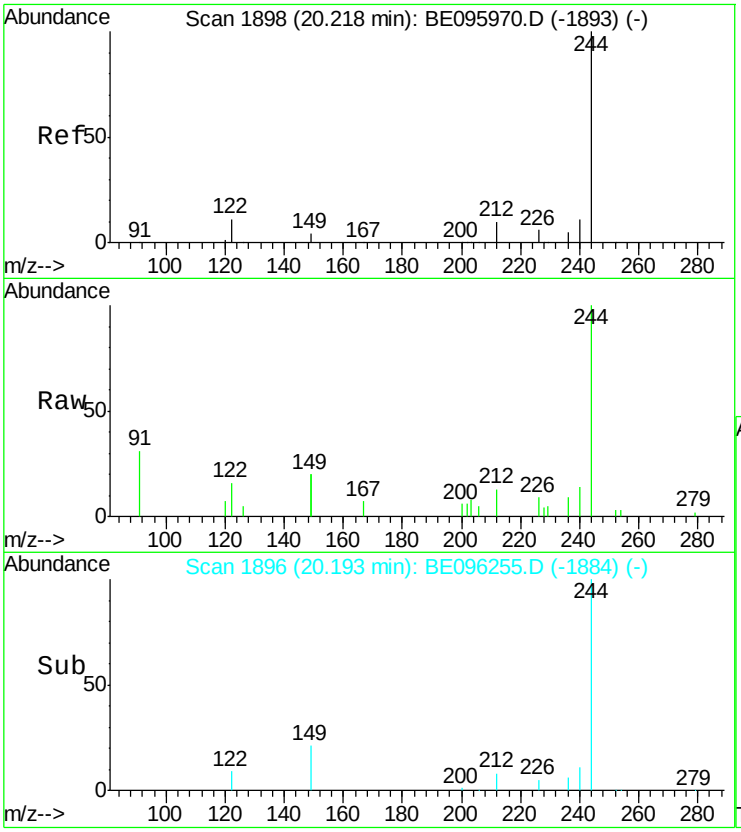


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:240 Resp: 3848

Ion	Ratio	Lower	Upper
240	100		
120	22.6	5.5	8.3#
236	32.7	20.7	31.1#



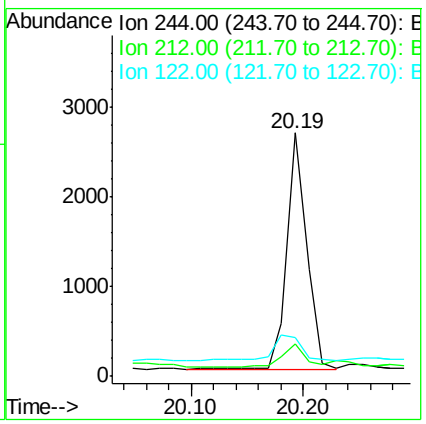


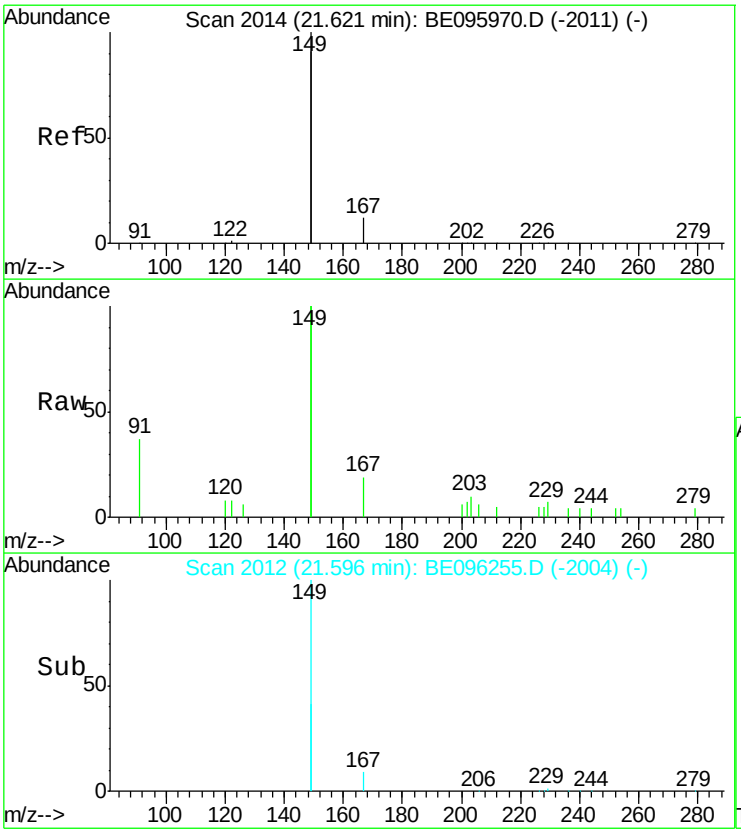
#29
Terphenyl-d14
Concen: 0.371 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:244 Resp: 3158

Ion	Ratio	Lower	Upper
244	100		
212	13.2	25.4	38.0#
122	15.8	8.1	12.1#

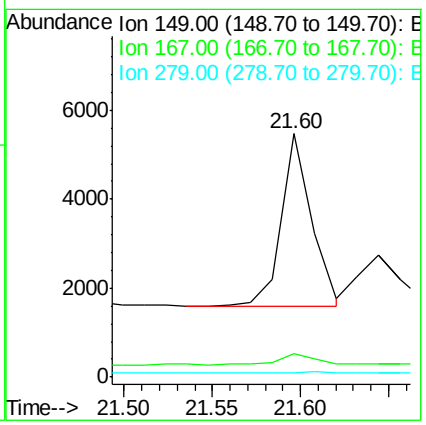


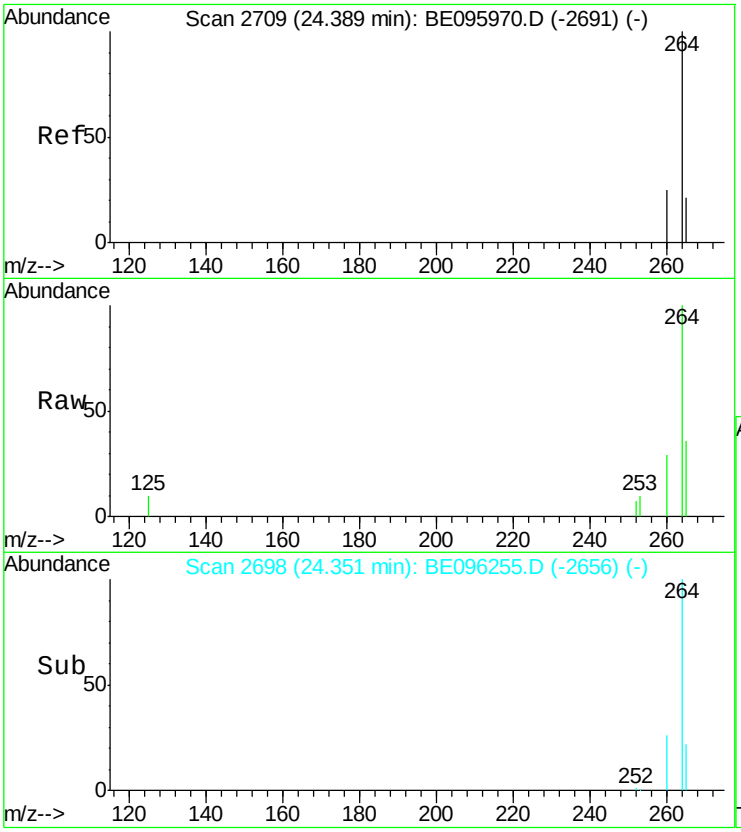


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Tgt Ion:149 Resp: 4599

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.4	8.0
279	0.9	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096255.D
Acq: 1 May 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-180418

Tgt Ion:264 Resp: 3649

Ion	Ratio	Lower	Upper
264	100		
260	28.8	20.5	30.7
265	36.2	22.8	34.2#