Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097006.D
Acq On : 19 Jul 2018 15:50
Operator : SJ/JU
Sample : J4014-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 19 16:37:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1385	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6171	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3741	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11287	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	10771	0.40	ng	0.00
34) Perylene-d12	23.21	264	10095	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	446	0.13	ng	0.01
5) Phenol-d6	6.60	99	408	0.08	ng	0.00
8) Nitrobenzene-d5	8.53	82	2208	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3628	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	122	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	6929	0.50	ng	-0.01
25) Fluoranthene-d10	18.81	212	54129	0.55	ng	0.00
29) Terphenyl-d14	19.43	244	11705	0.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	926	0.467	ng	# 85
3) n-Nitrosodimethylamine	3.35	42	87	0.039	ng	# 1
9) Naphthalene	10.20	128	1113	0.020	ng	# 84
22) Pentachlorophenol	16.44	266	4	Below Cal		93
28) Pyrene	19.21	202	977	0.031	ng	97
32) Bis(2-ethylhexyl)phthalate	20.93	149	1535	0.060	ng	# 100
37) Benzo(a)pyrene	23.11	252	39	0.103	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	14	0.118	ng	# 1

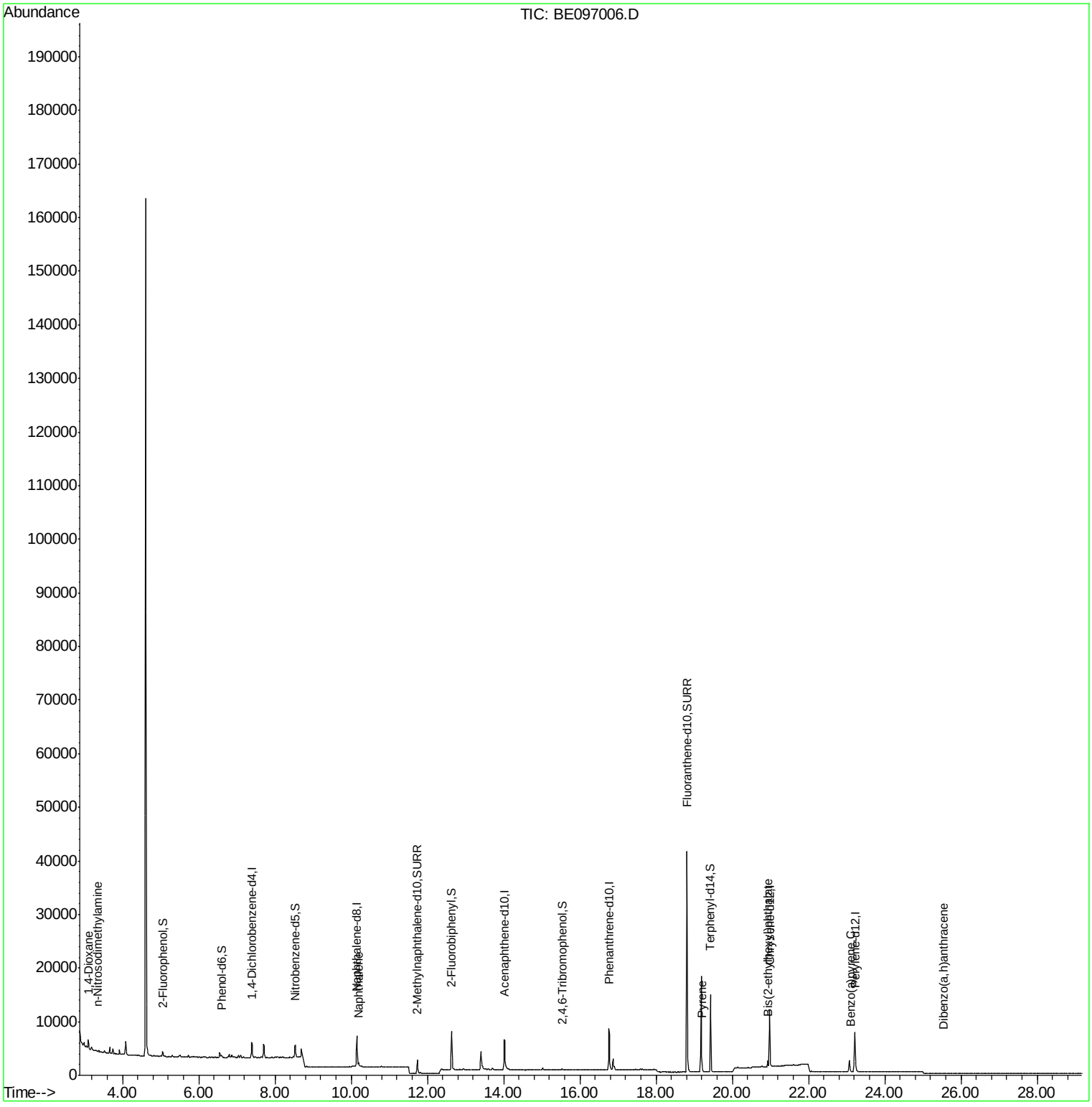
(#) = qualifier out of range (m) = manual integration (+) = signals summed

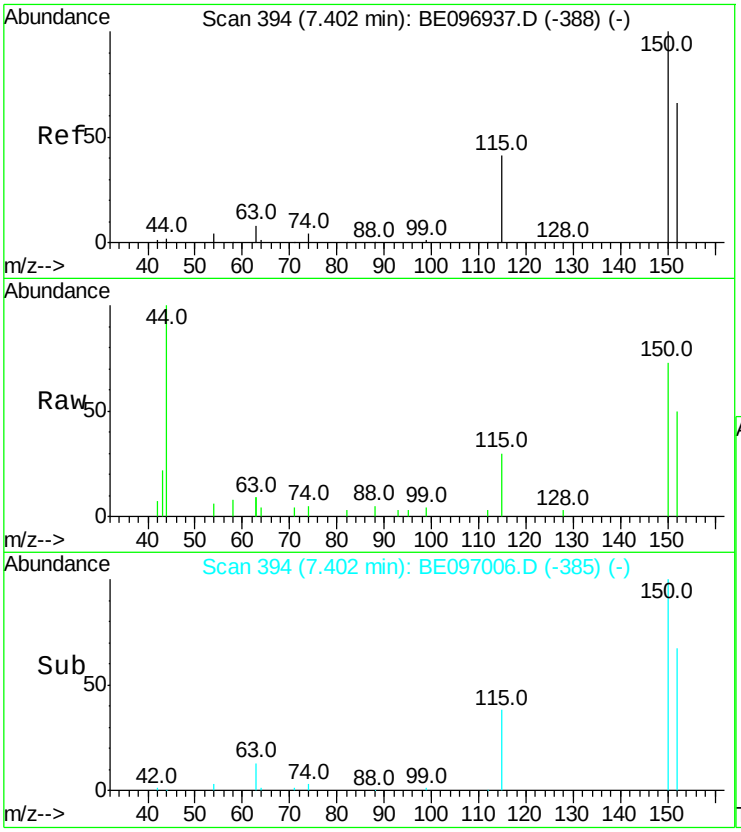
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097006.D
Acq On : 19 Jul 2018 15:50
Operator : SJ/JU
Sample : J4014-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 19 16:37:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



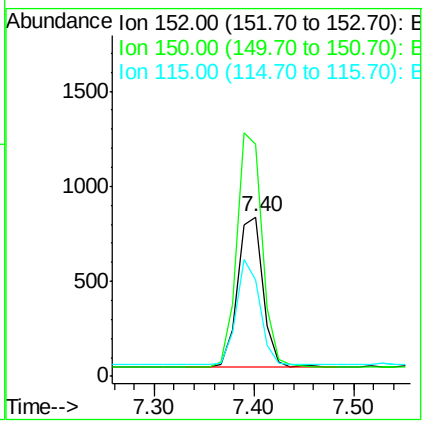


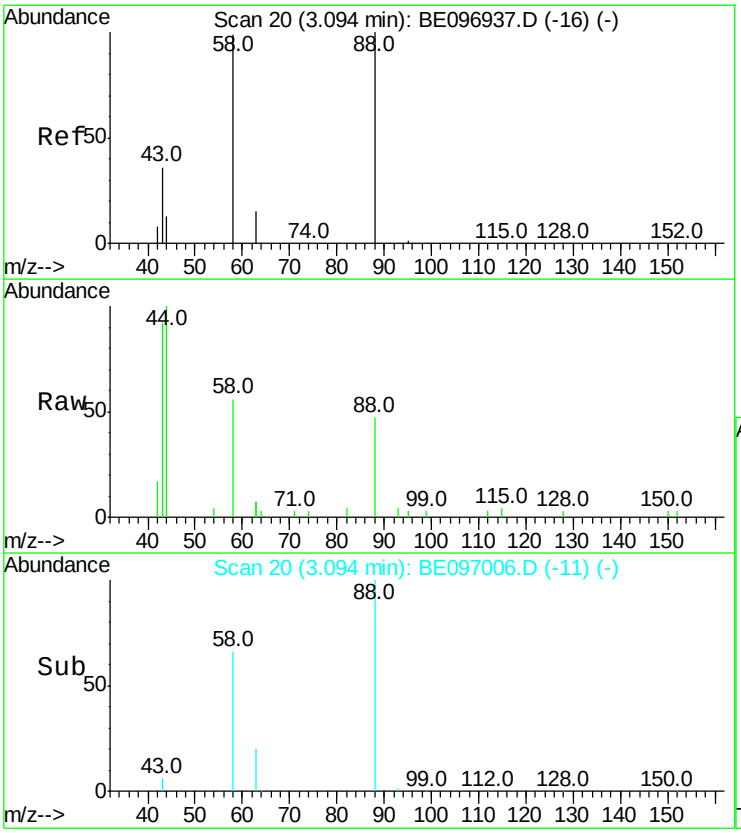
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1385

Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	60.8	57.0	85.6

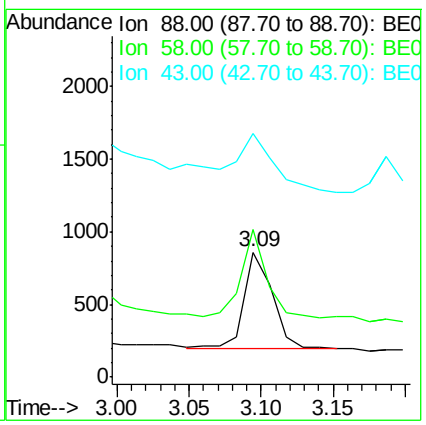


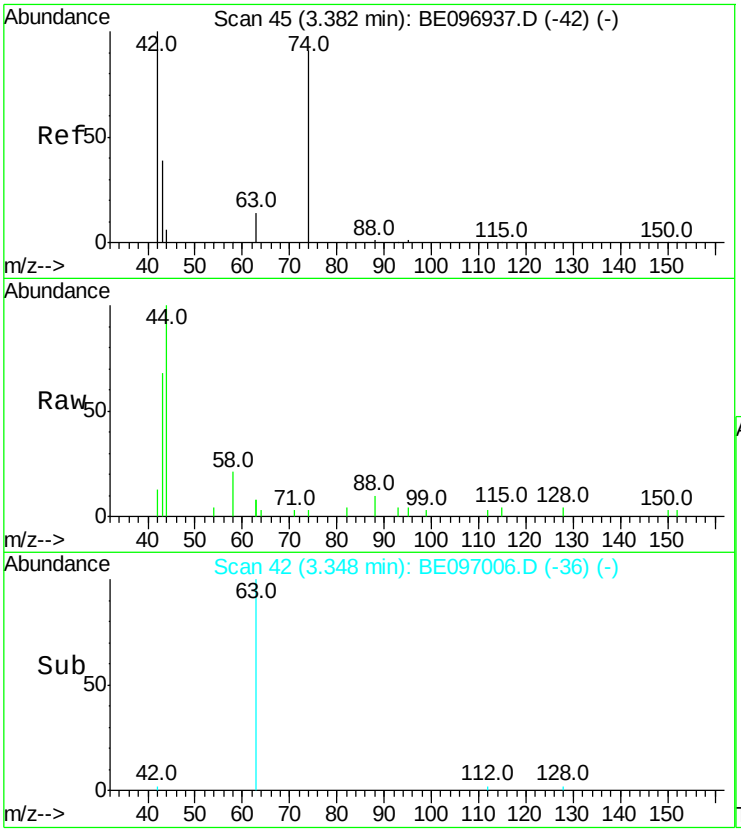


#2
1,4-Dioxane
Concen: 0.467 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion: 88 Resp: 926

Ion	Ratio	Lower	Upper
88	100		
58	79.7	63.2	94.8
43	76.7	41.2	61.8#



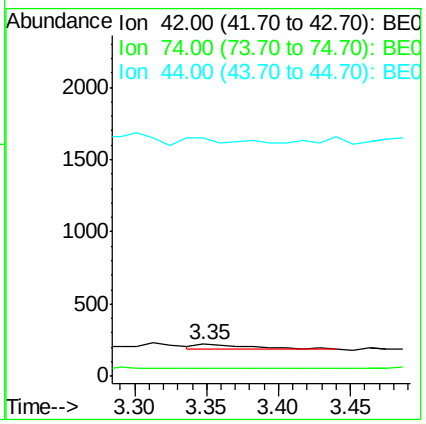


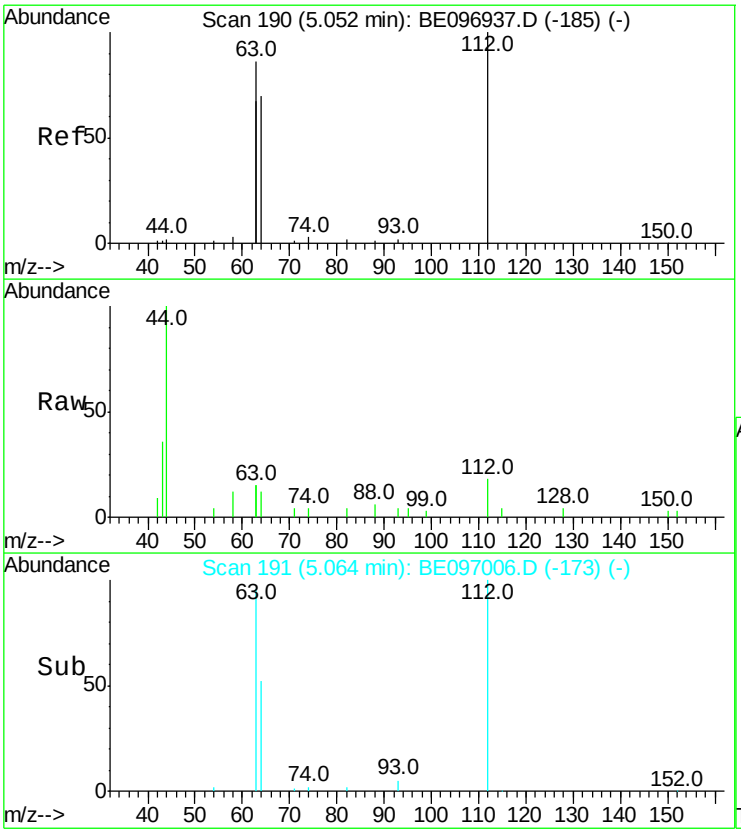
#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.03 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 87

Ion	Ratio	Lower	Upper
42	100		
74	6.9	96.0	144.0#
44	119.5	12.0	18.0#

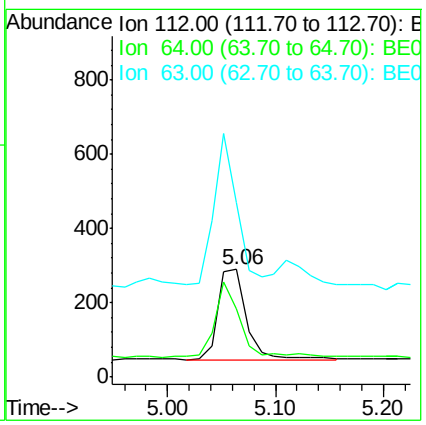


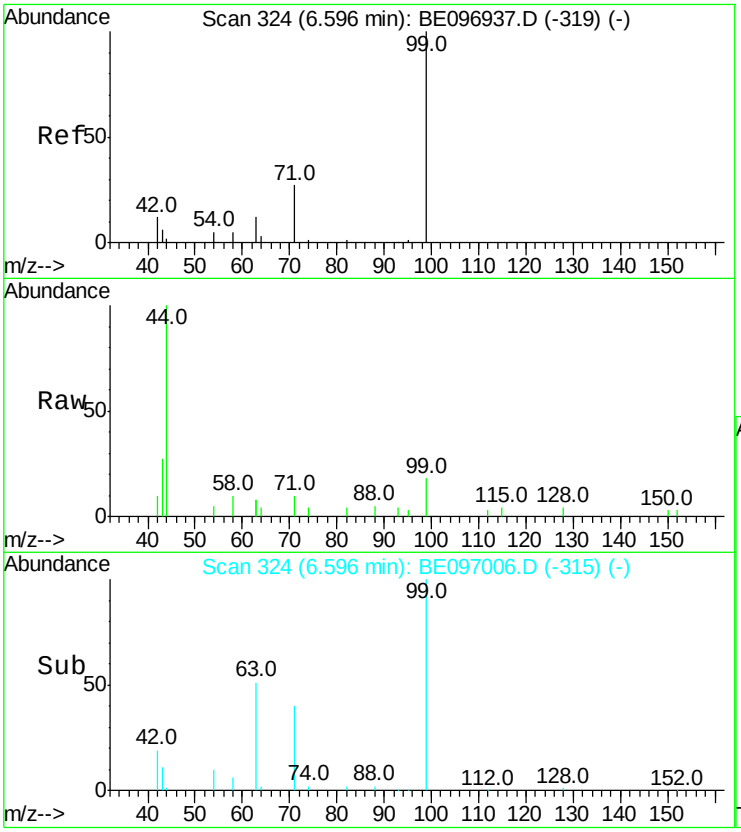


#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:112 Resp: 446

Ion	Ratio	Lower	Upper
112	100		
64	80.5	60.1	90.1
63	141.5	116.8	175.2



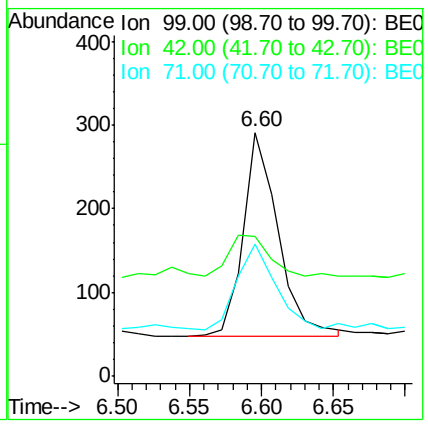


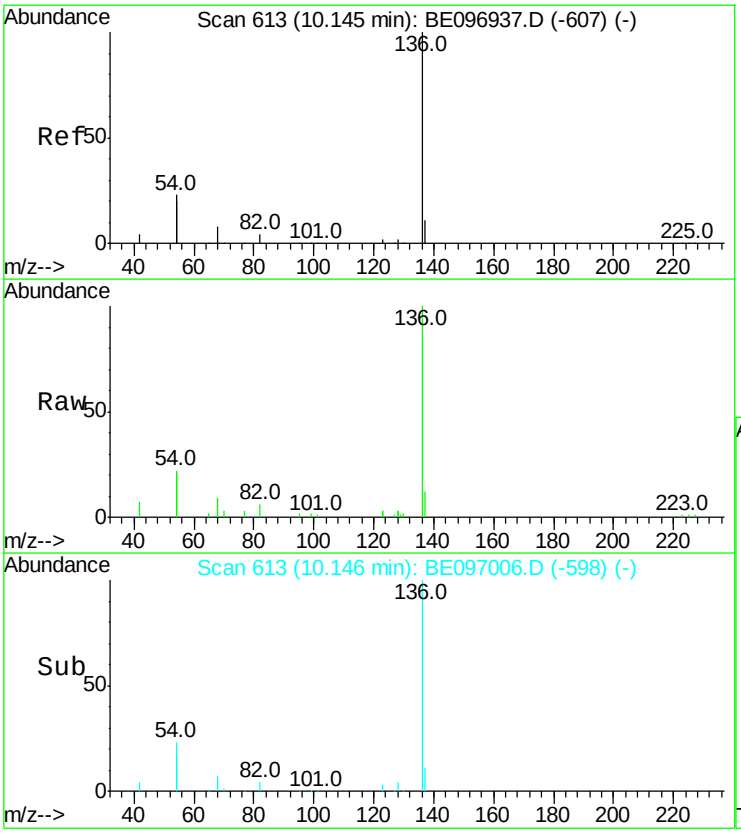
#5
Phenol-d6
Concen: 0.081 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 408

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.2	30.2
71	46.3	28.4	42.6#

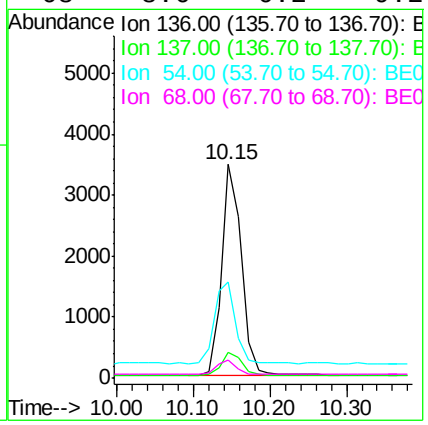


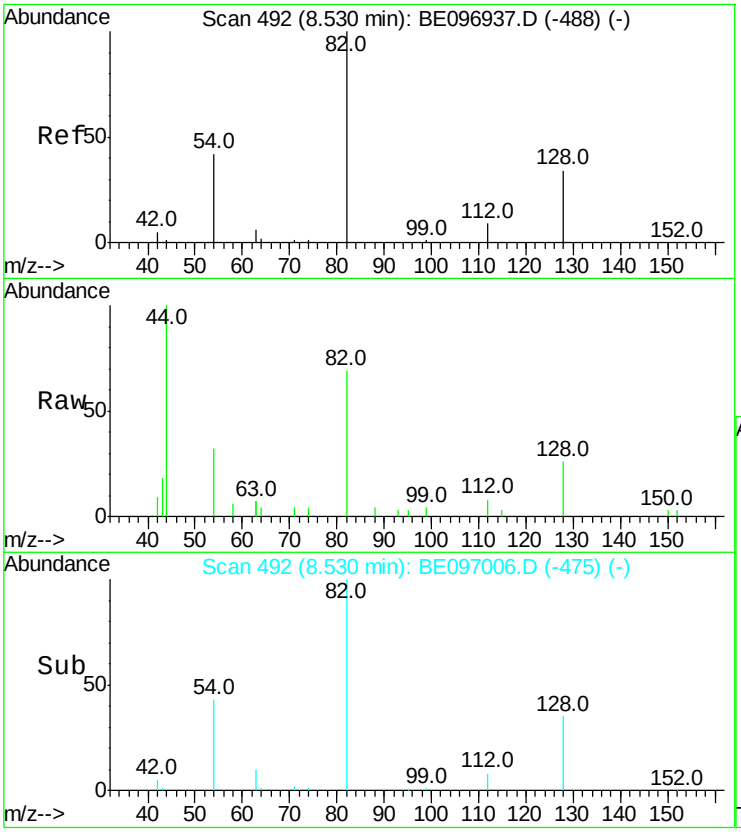


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:136 Resp: 6171

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	44.7	29.1	43.7#
68	8.6	6.2	9.2



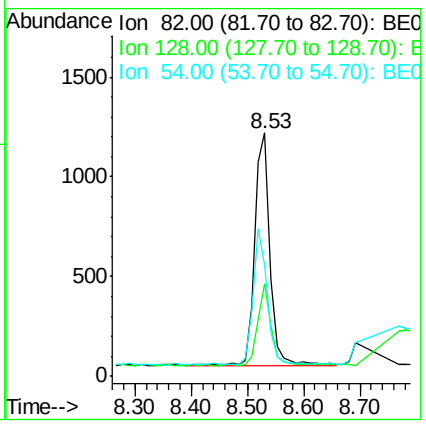


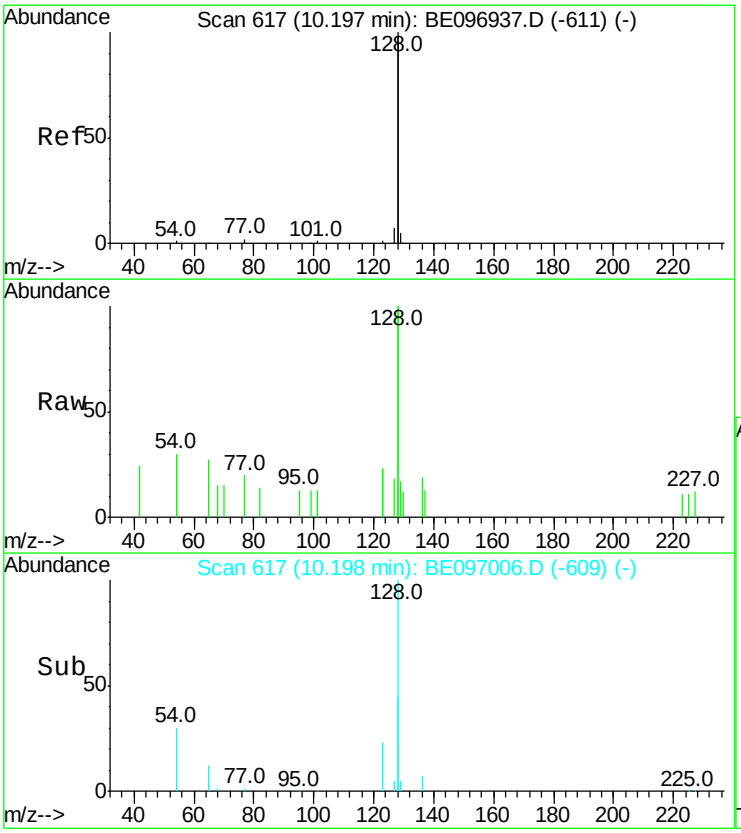
#8
Nitrobenzene-d5
Concen: 0.491 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 2208

Ion	Ratio	Lower	Upper
82	100		
128	38.2	24.0	36.0#
54	45.9	40.0	60.0

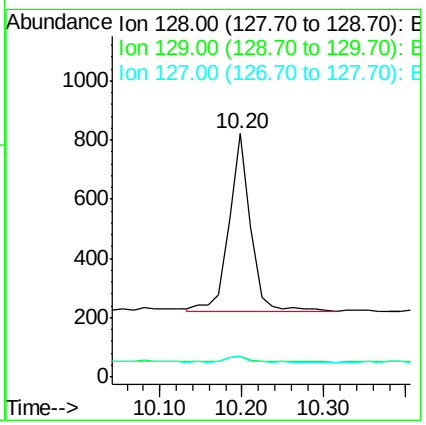


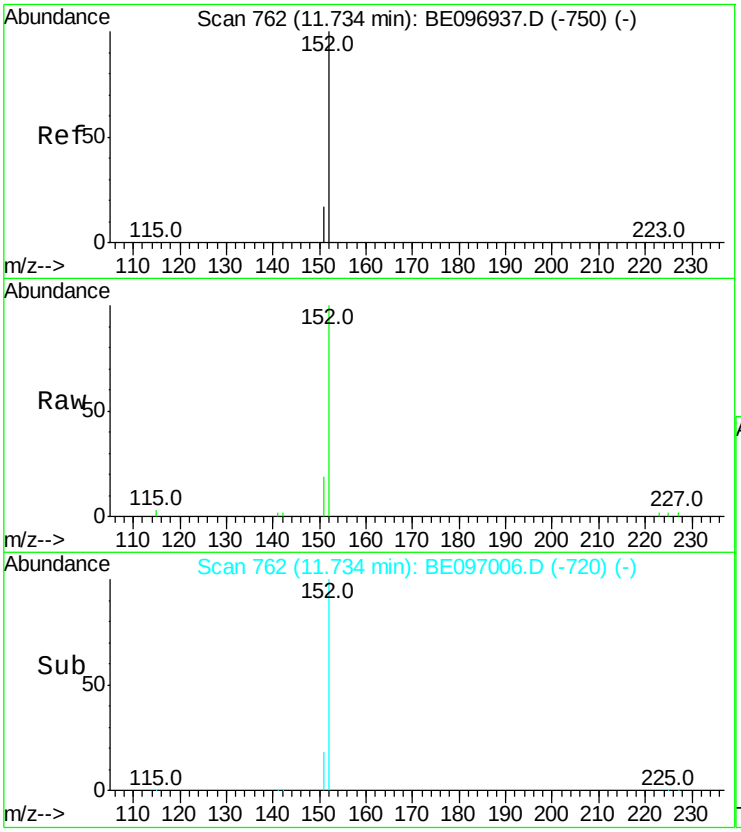


#9
Naphthalene
Concen: 0.020 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:128 Resp: 1113

Ion	Ratio	Lower	Upper
128	100		
129	8.6	2.6	3.8#
127	8.8	2.8	4.2#



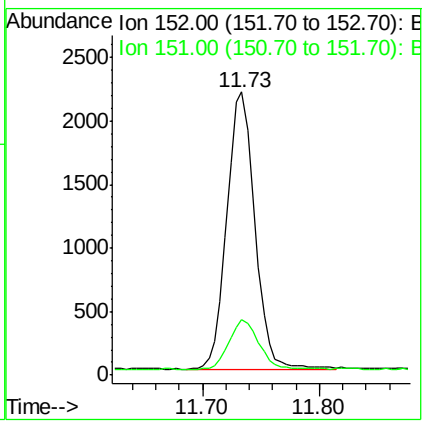


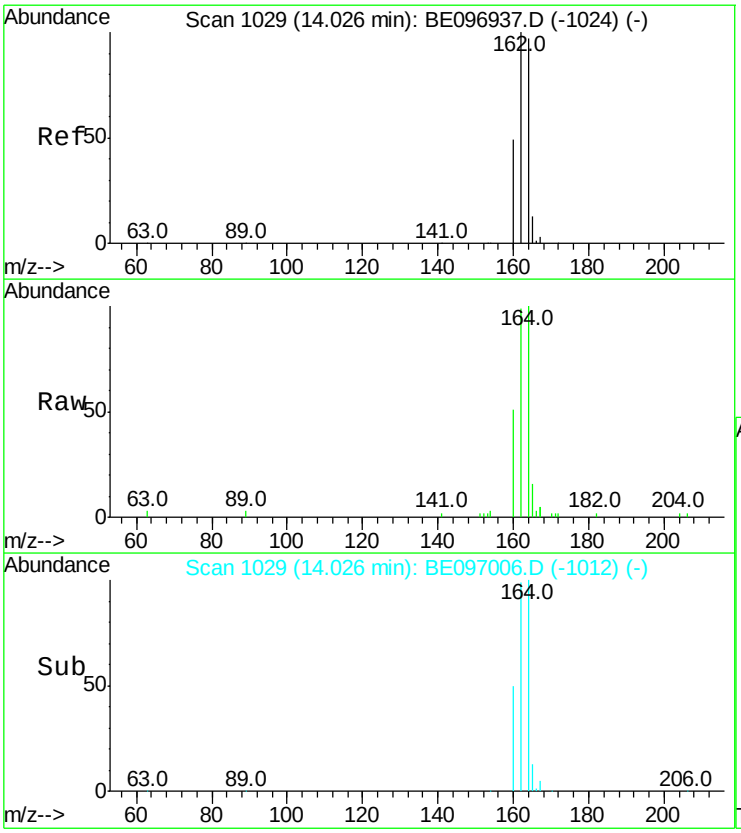
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3628

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

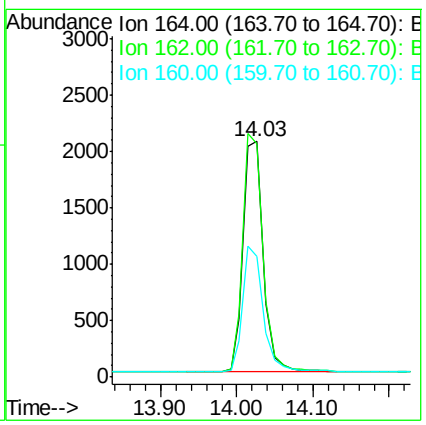


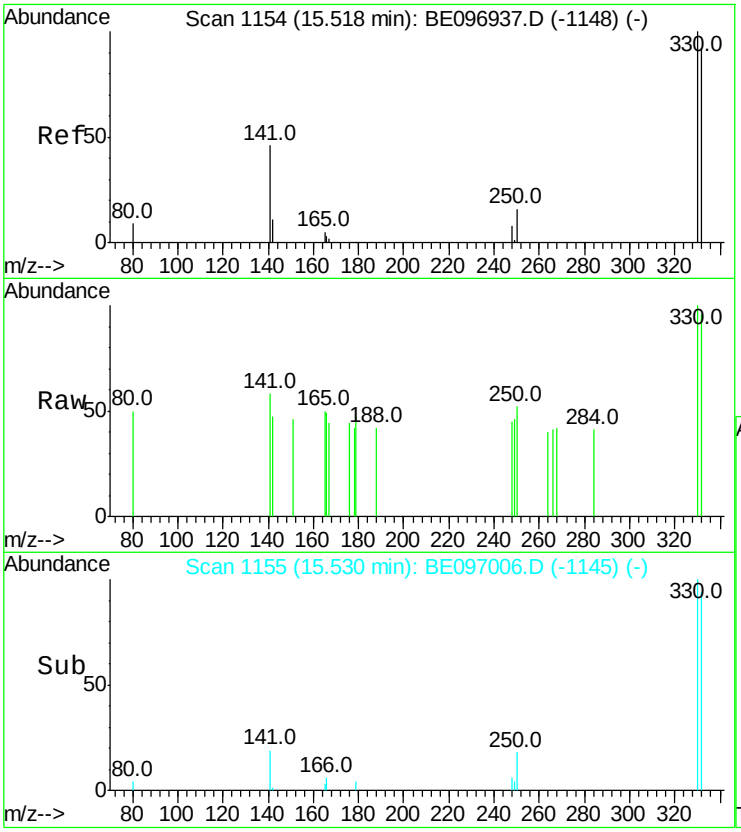


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:164 Resp: 3741

Ion	Ratio	Lower	Upper
164	100		
162	98.9	83.1	124.7
160	51.3	37.1	55.7



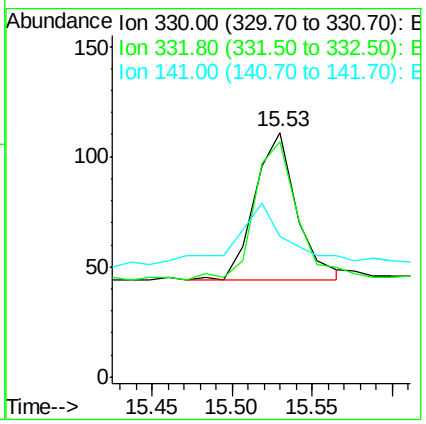


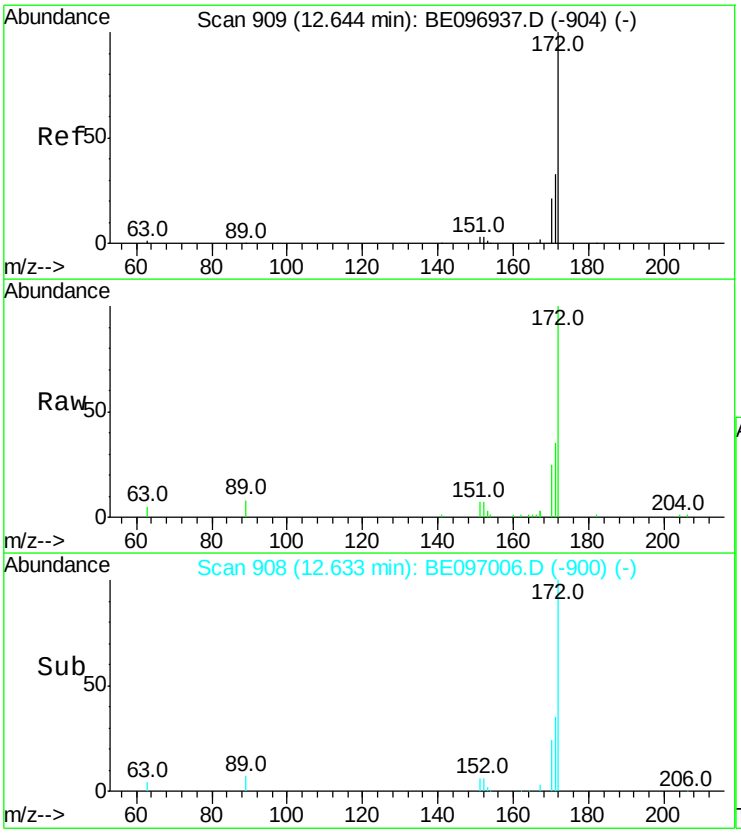
#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 122

Ion	Ratio	Lower	Upper
330	100		
332	98.4	152.7	229.1#
141	47.5	33.7	50.5

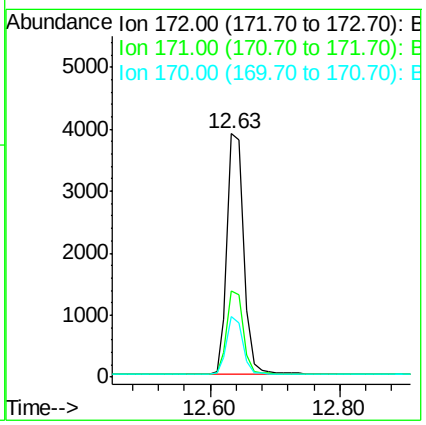


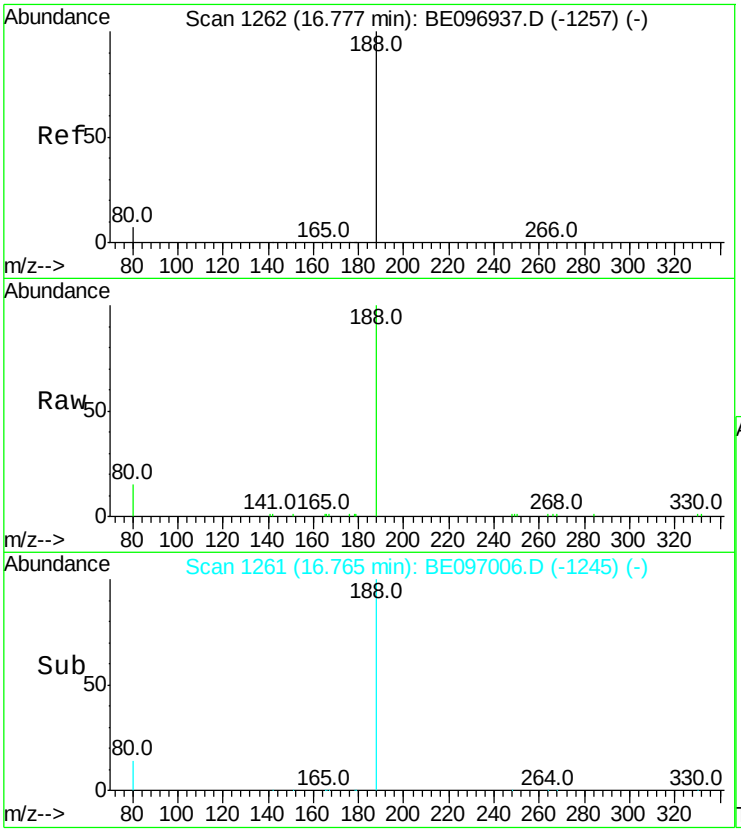


#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:172 Resp: 6929

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	24.9	21.8	32.8



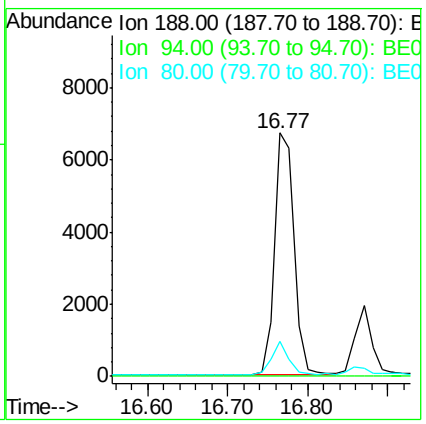


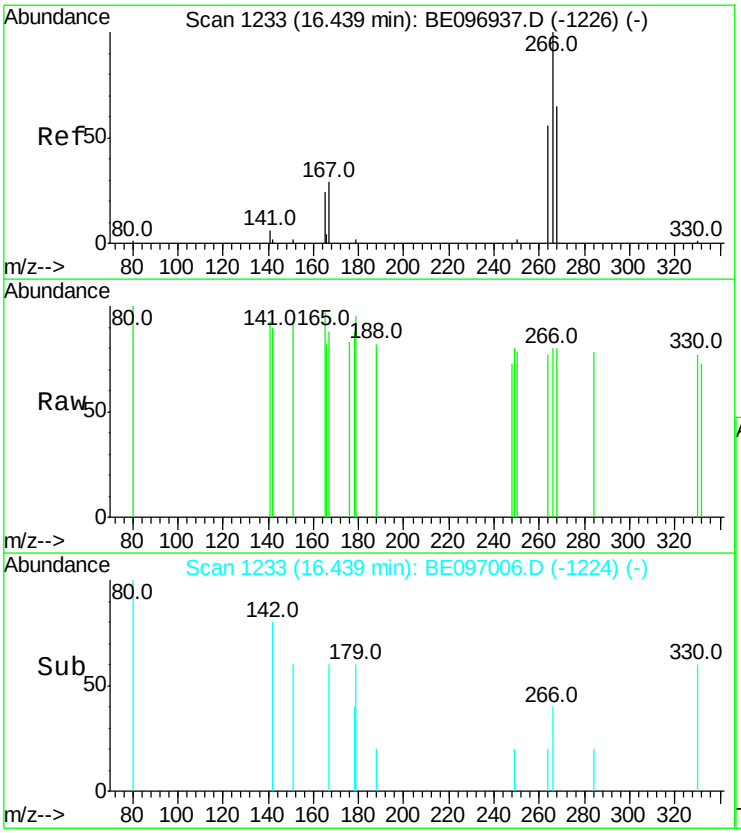
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11287

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.5	3.6	5.4#

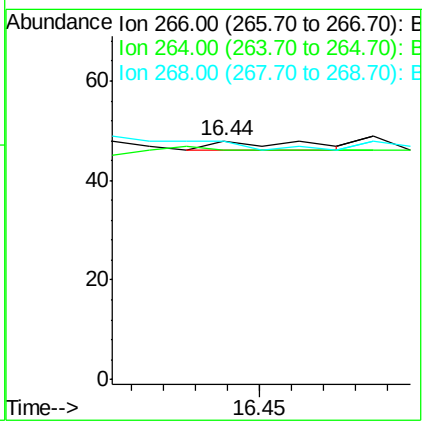


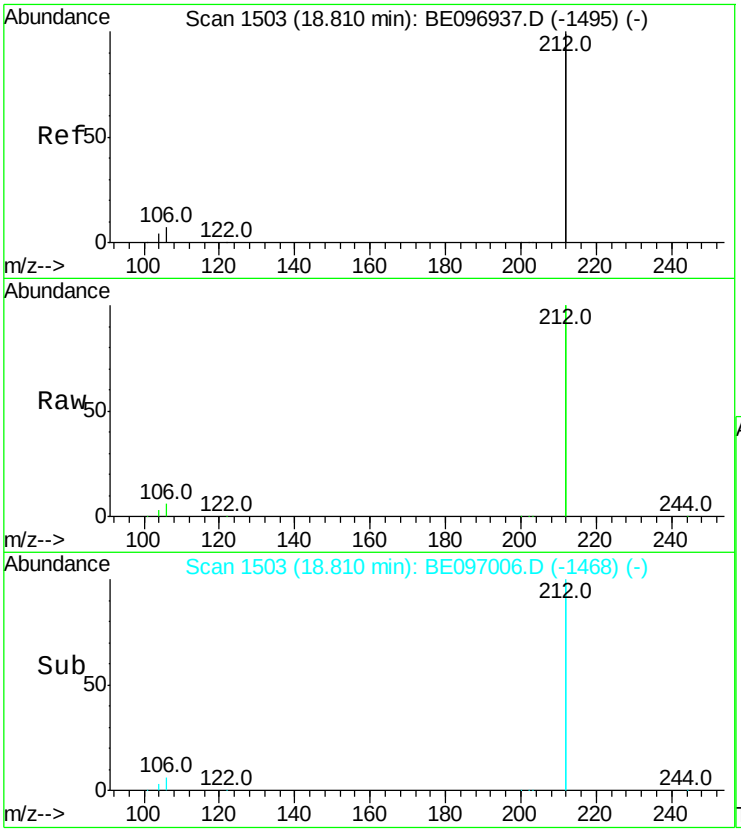


#22
Pentachlorophenol
Concen: Below Cal
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	95.8	72.5	108.7
268	100.0	73.8	110.6



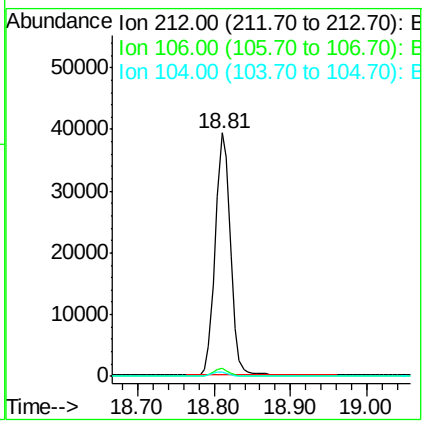


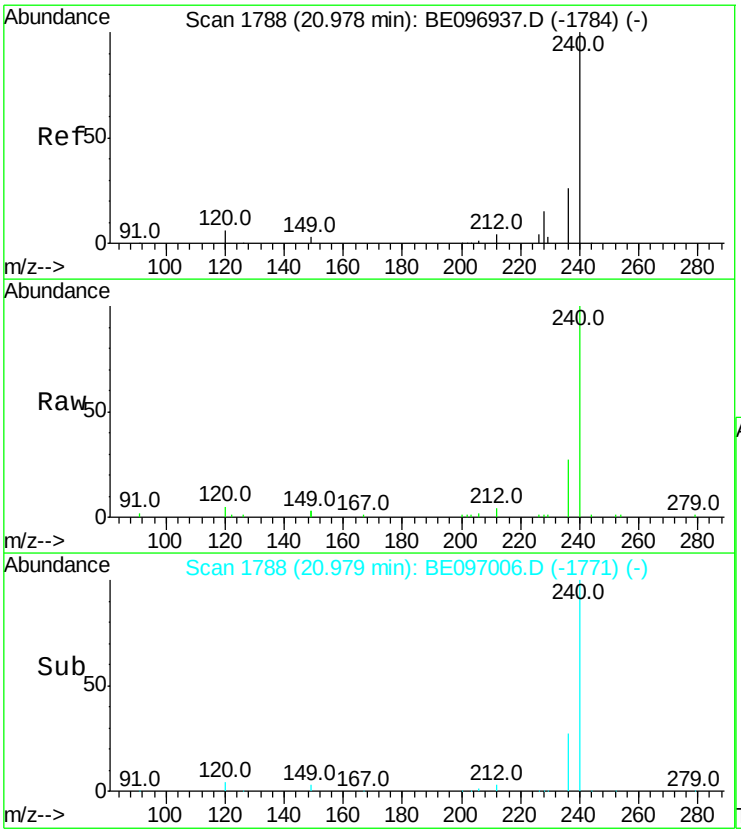
#25
Fluoranthene-d10
Concen: 0.551 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 54129

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

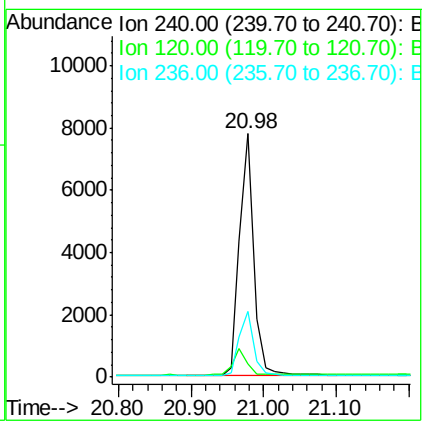


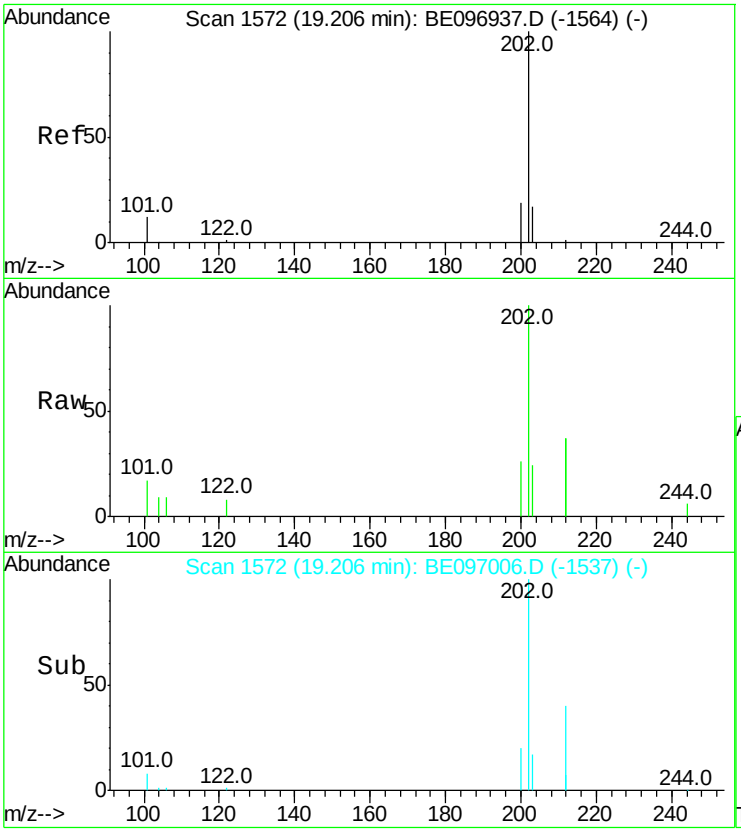


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:240 Resp: 10771

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.5	8.3#
236	27.2	20.7	31.1



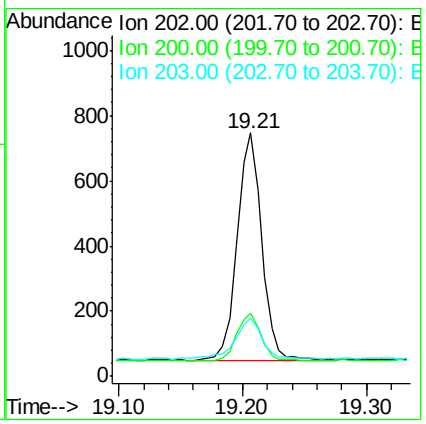


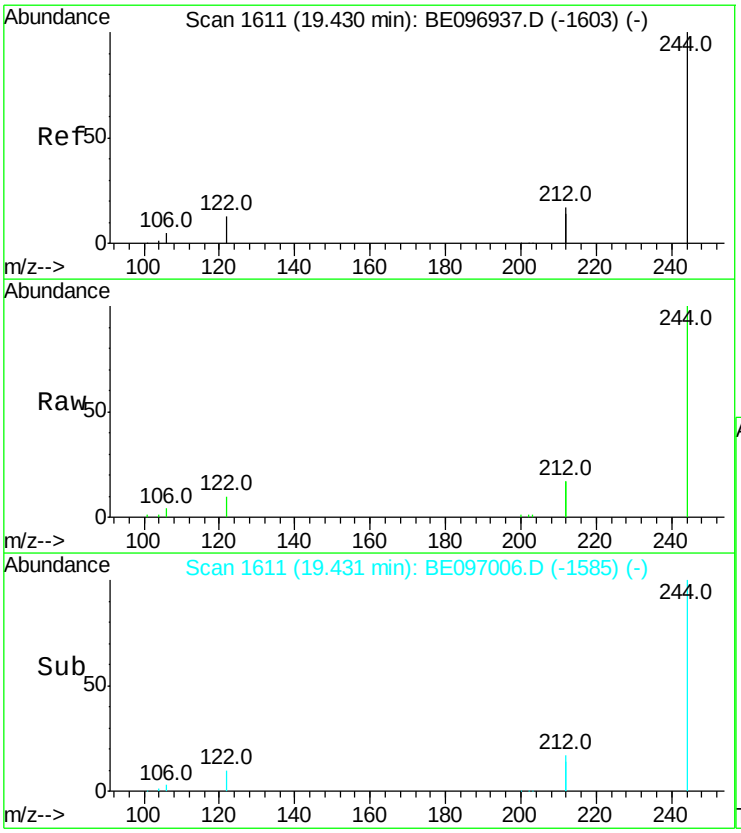
#28
Pyrene
Concen: 0.031 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 977

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	20.0	13.8	20.8

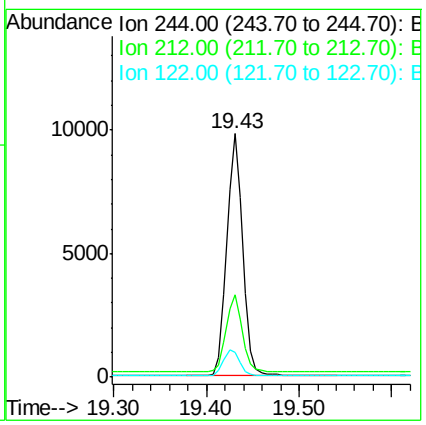


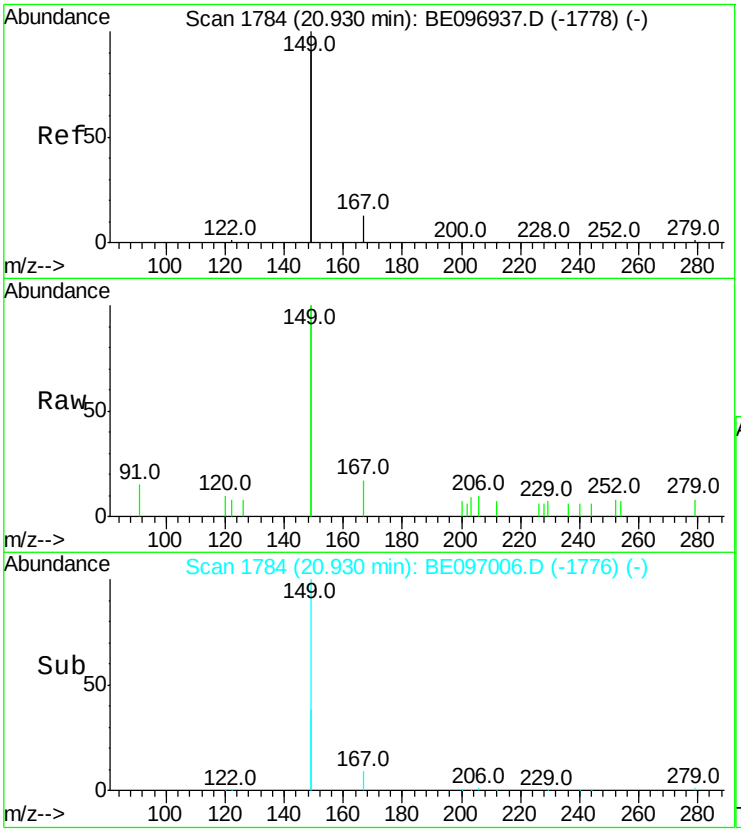


#29
Terphenyl-d14
Concen: 0.563 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:244 Resp: 11705

Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.4	38.0
122	10.3	8.1	12.1



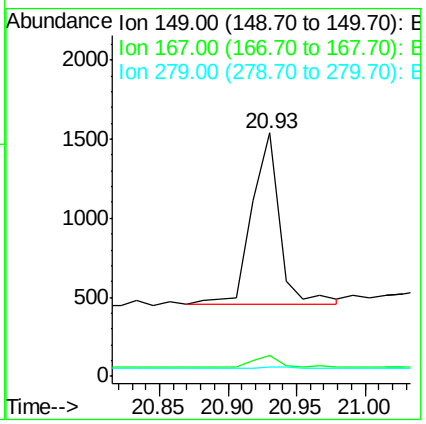


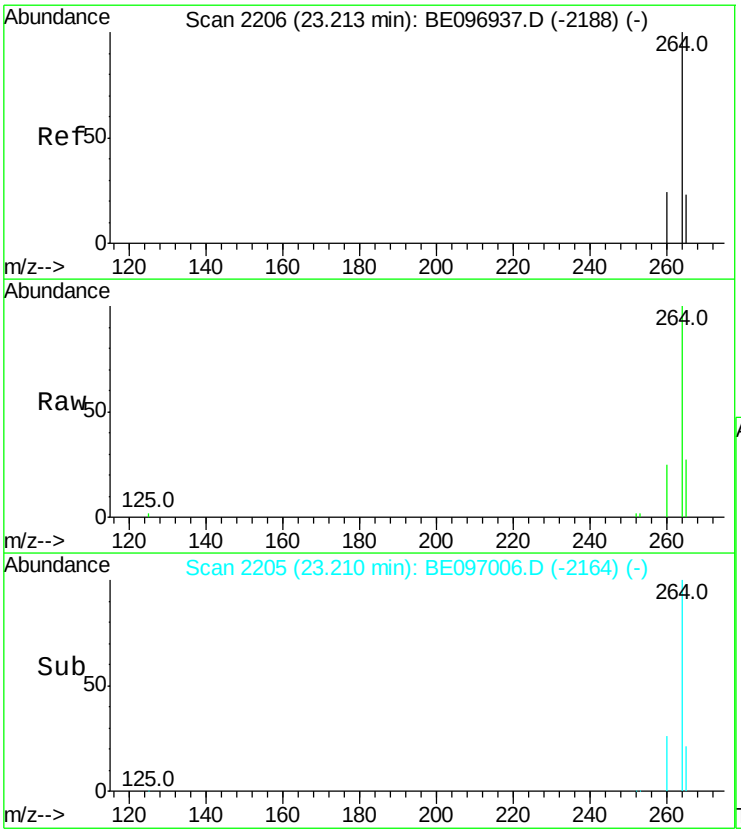
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1535

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	2.1	0.7	1.1#

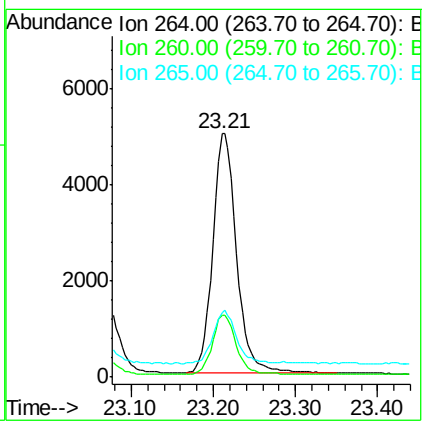


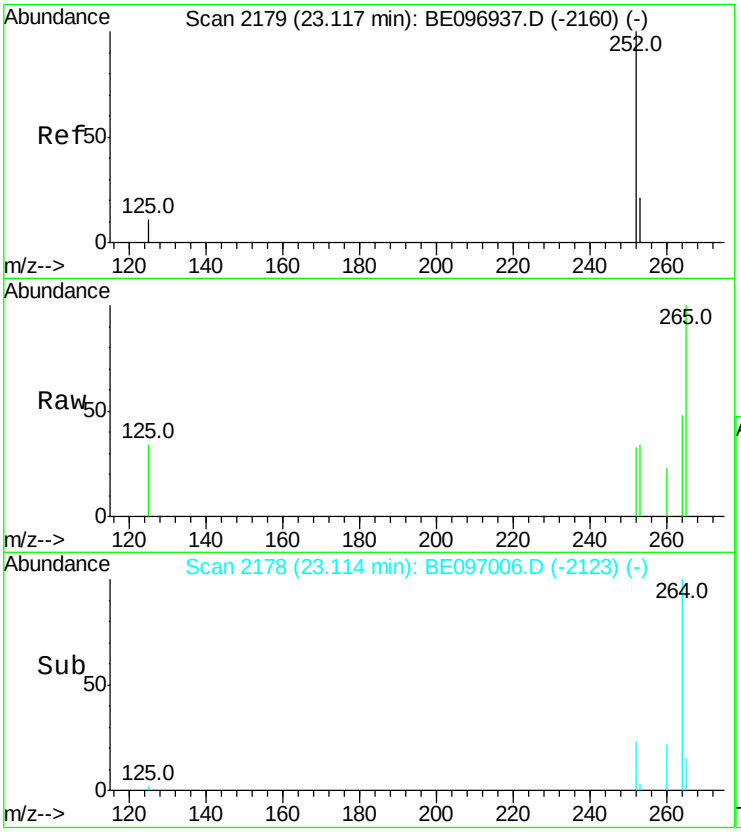


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:264 Resp: 10095

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	26.6	22.8	34.2



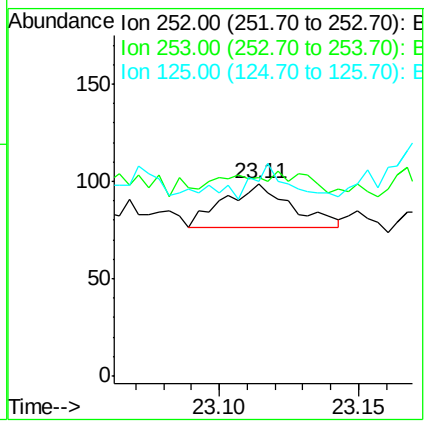


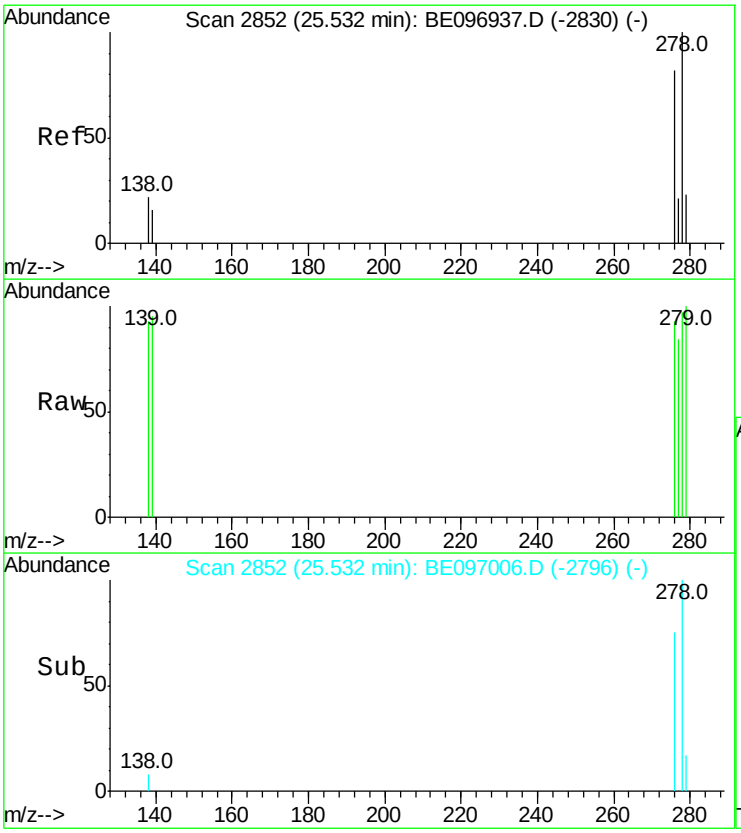
#37
Benzo(a)pyrene
Concen: 0.103 ng
RT: 23.11 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 39

Ion	Ratio	Lower	Upper
252	100		
253	103.0	16.0	24.0#
125	101.0	12.0	18.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE097006.D
Acq: 19 Jul 2018 15:50

Tgt Ion:278 Resp: 14

Ion	Ratio	Lower	Upper
278	100		
139	98.3	16.0	24.0#
279	103.4	20.0	30.0#