Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097003.D
Acq On : 19 Jul 2018 13:57
Operator : SJ/JU
Sample : J4014-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE103D1-071218

Quant Time: Jul 19 15:40:14 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	1931	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	8836	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	5505	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	15071	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	15709	0.40	ng		0.00
34) Perylene-d12	23.21	264	14095	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	873	0.19	ng		0.01
5) Phenol-d6	6.60	99	755	0.11	ng		0.00
8) Nitrobenzene-d5	8.53	82	3068	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	5411	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	762	0.59	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	9530	0.47	ng		-0.01
25) Fluoranthene-d10	18.81	212	78638	0.60	ng		0.00
29) Terphenyl-d14	19.43	244	23116	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	23946	8.663	ng	#	89
3) n-Nitrosodimethylamine	3.31	42	151	0.049	ng	#	1
6) bis(2-Chloroethyl)ether	6.84	93	193	0.028	ng		90
9) Naphthalene	10.20	128	3623	0.046	ng	#	96
12) 2-Methylnaphthalene	11.81	142	344	0.026	ng	#	84
22) Pentachlorophenol	16.44	266	24	Below Cal			95
32) Bis(2-ethylhexyl)phthalate	20.93	149	13830	0.370	ng	#	100
37) Benzo(a)pyrene	23.10	252	6	0.101	ng	#	1
38) Dibenzo(a,h)anthracene	25.53	278	64	0.119	ng	#	1

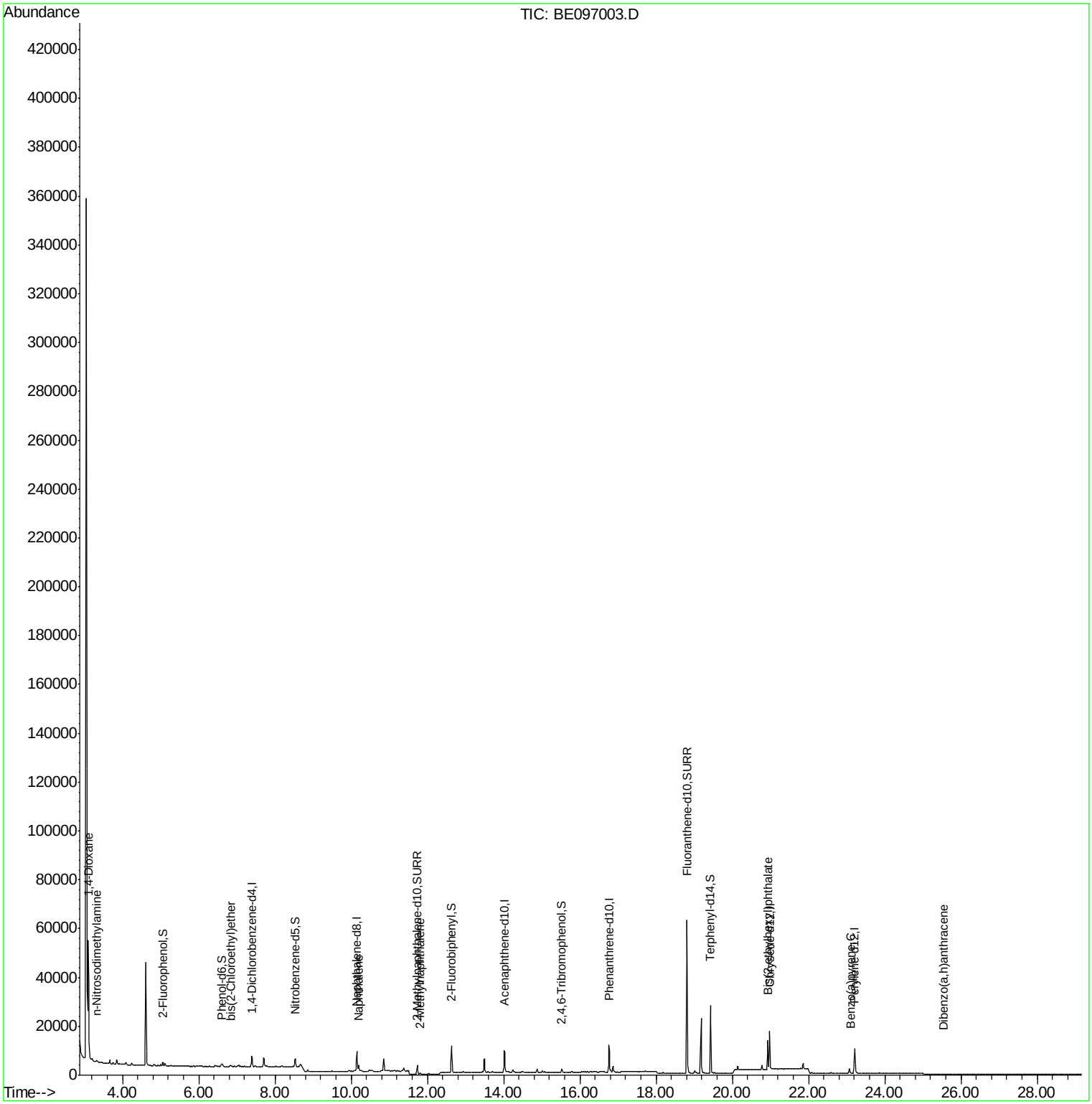
(#) = qualifier out of range (m) = manual integration (+) = signals summed

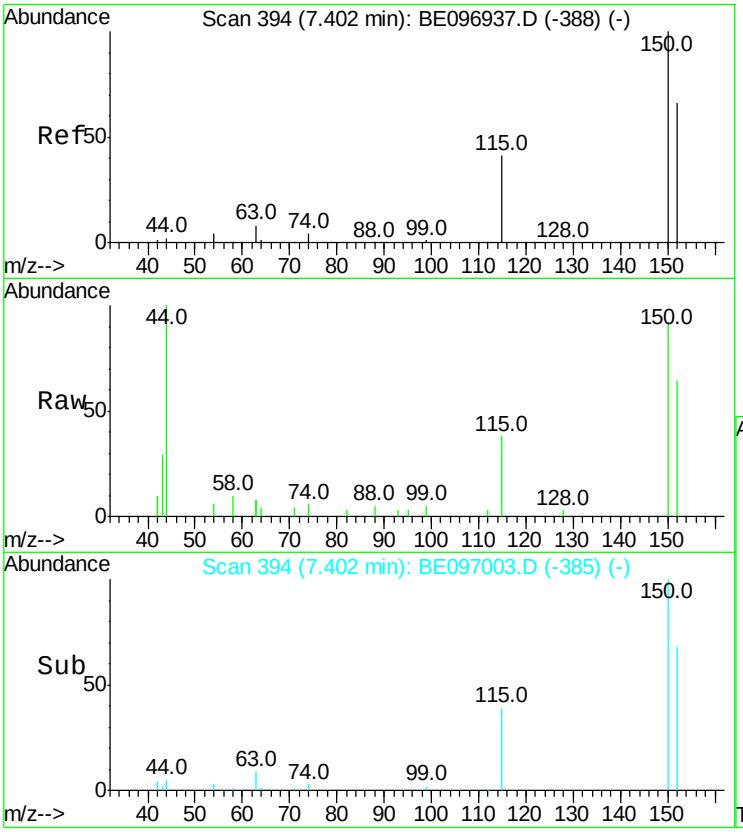
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097003.D
Acq On : 19 Jul 2018 13:57
Operator : SJ/JU
Sample : J4014-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Quant Time: Jul 19 15:40:14 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



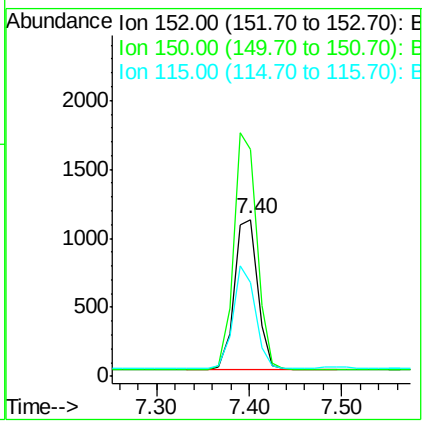


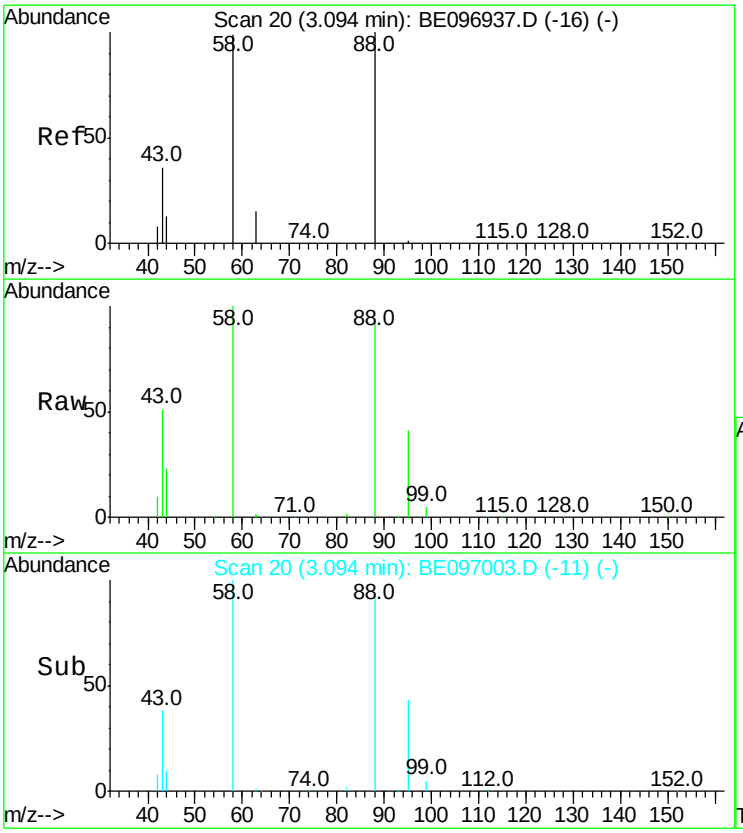
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:152 Resp: 1931

Ion	Ratio	Lower	Upper
152	100		
150	144.7	117.2	175.8
115	59.7	57.0	85.6

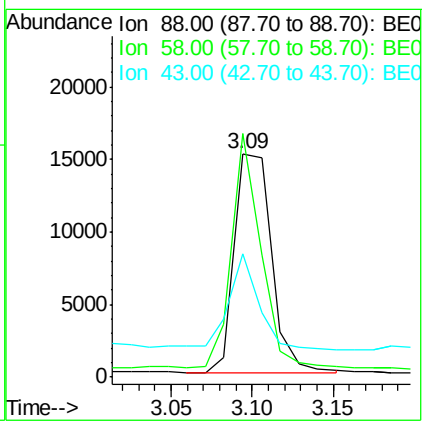


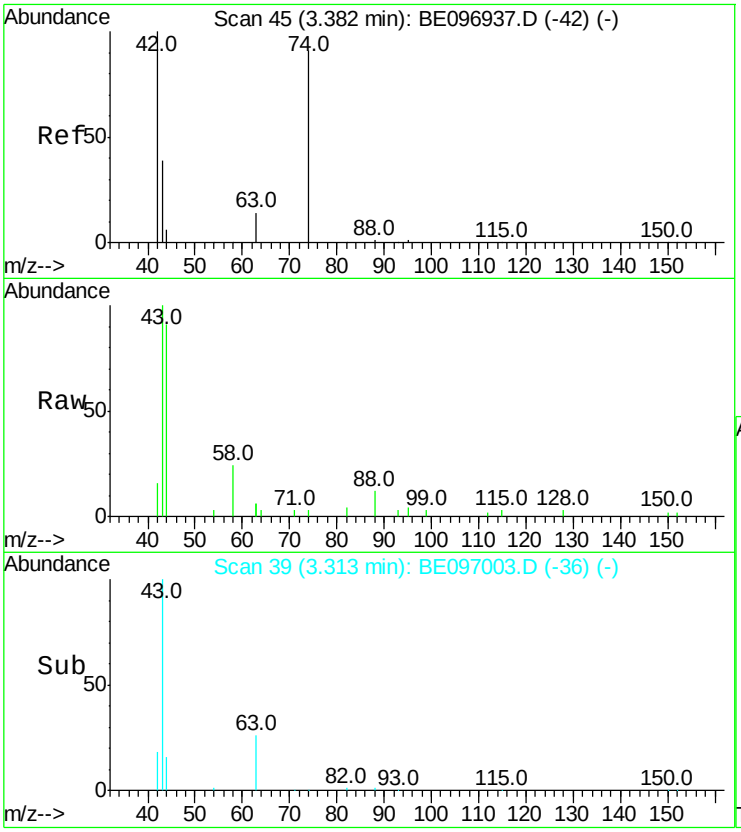


#2
1,4-Dioxane
Concen: 8.663 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion: 88 Resp: 23946

Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.2	94.8
43	35.6	41.2	61.8#



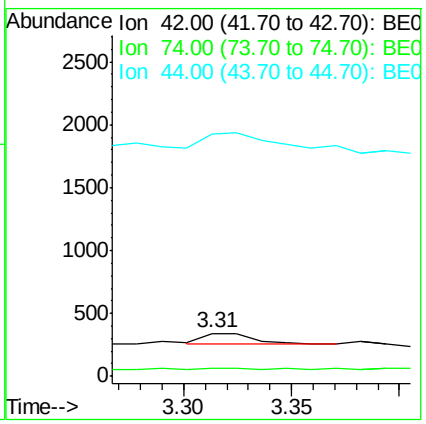


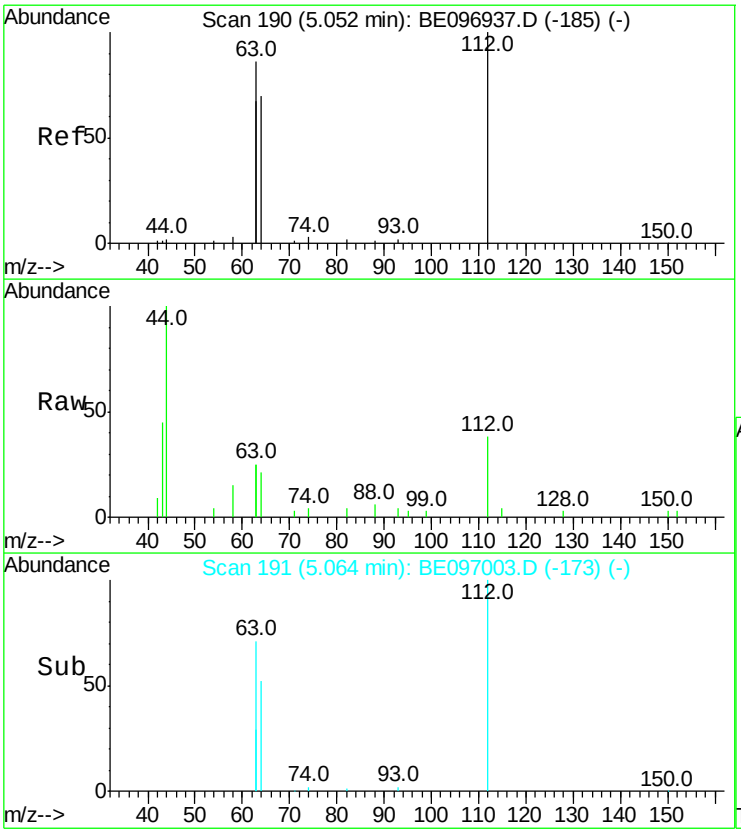
#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.07 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion: 42 Resp: 151

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	289.4	12.0	18.0#

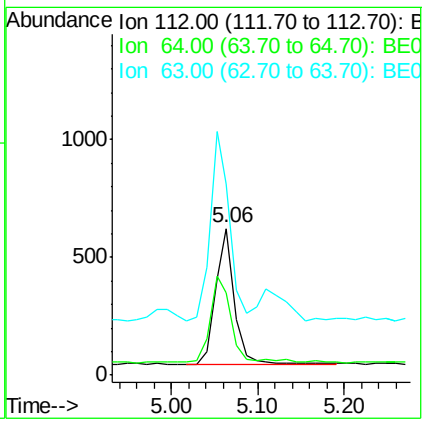


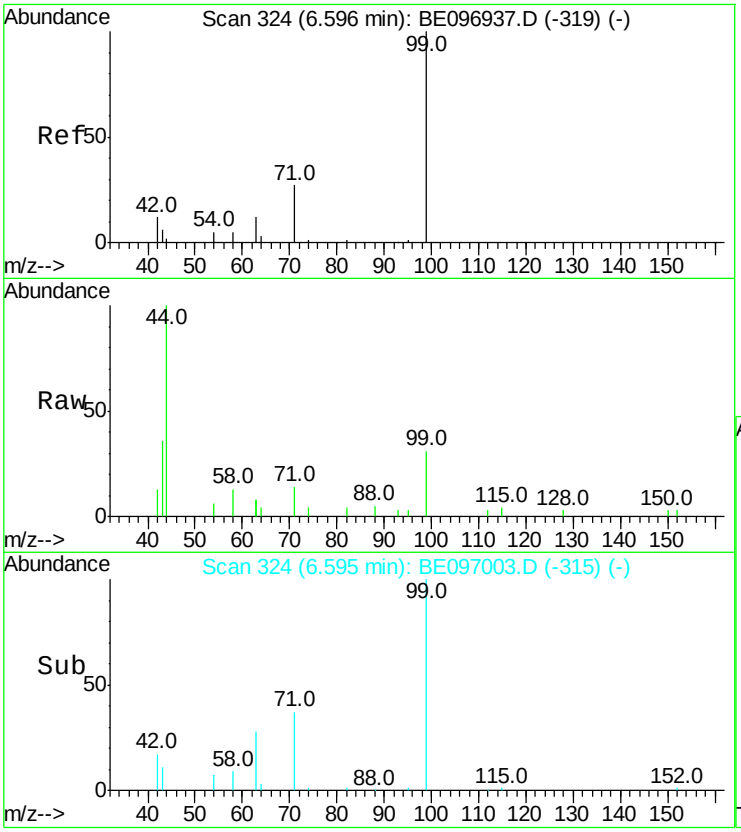


#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:112 Resp: 873

Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	141.0	116.8	175.2



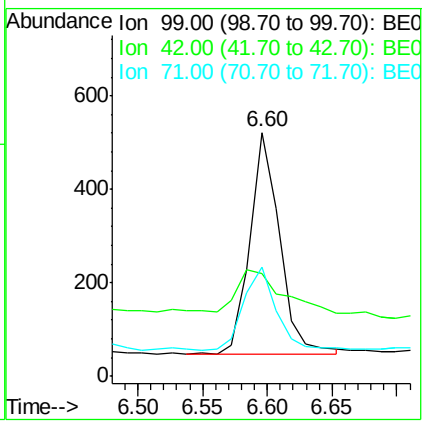


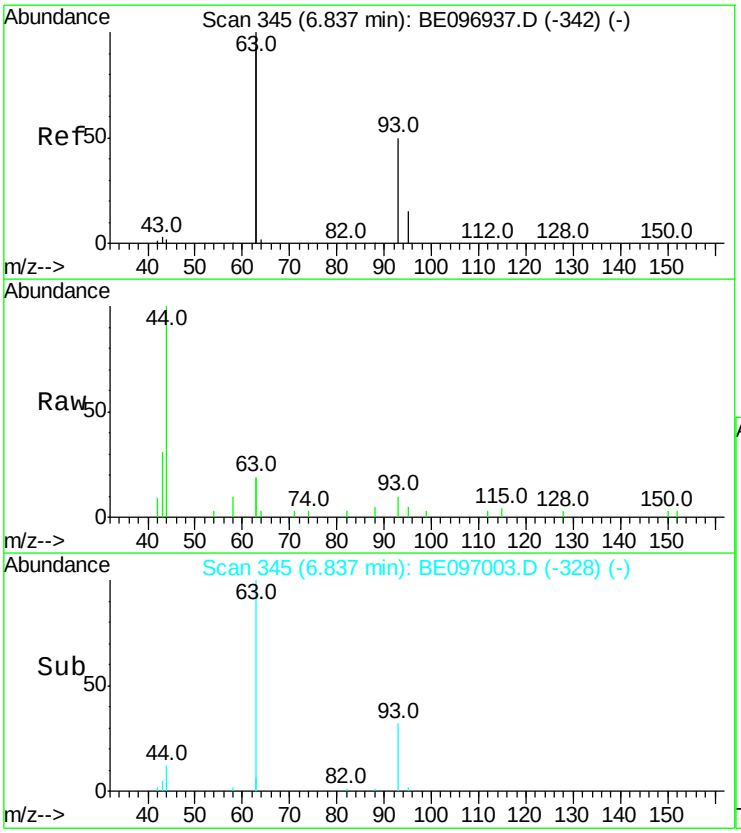
#5
Phenol-d6
Concen: 0.107 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion: 99 Resp: 755

Ion	Ratio	Lower	Upper
99	100		
42	29.8	20.2	30.2
71	42.5	28.4	42.6

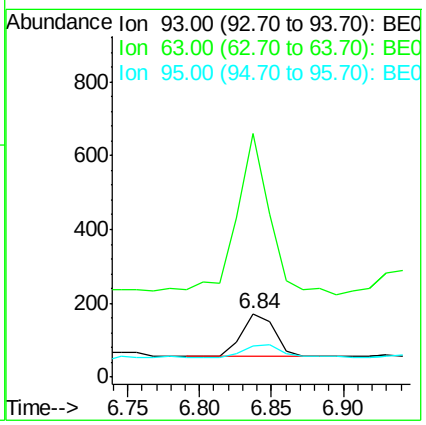


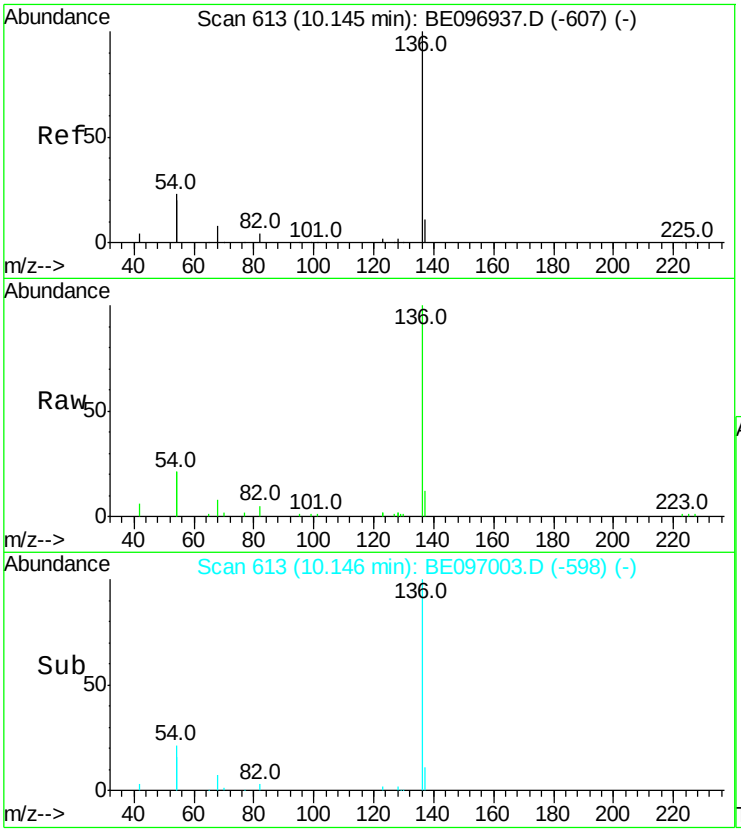


#6
bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion: 93 Resp: 193

Ion	Ratio	Lower	Upper
93	100		
63	366.8	275.3	412.9
95	36.3	25.2	37.8



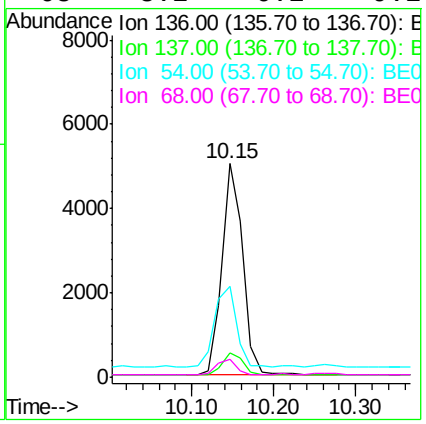


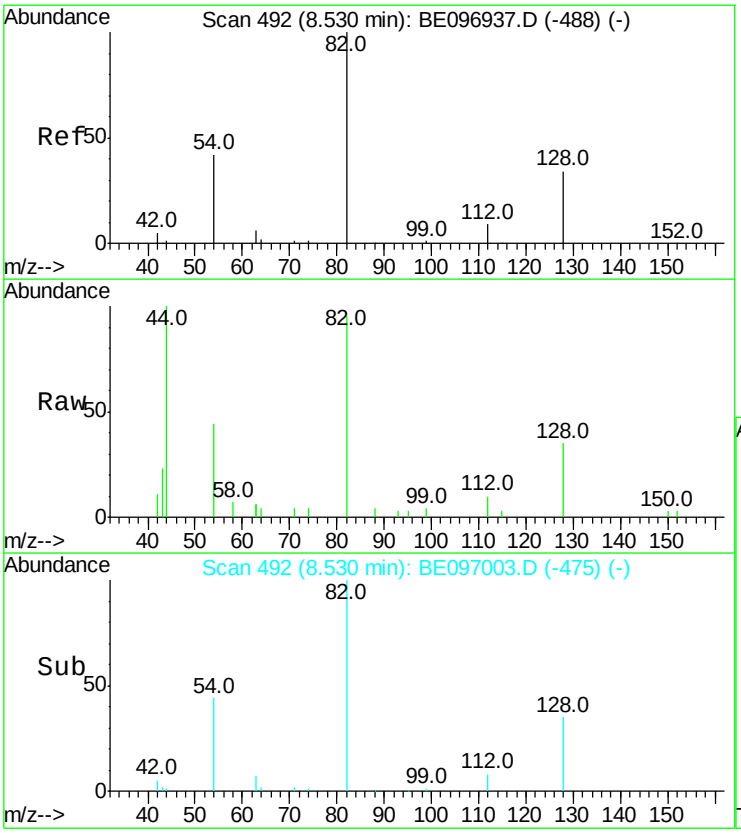
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:136 Resp: 8836

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	42.4	29.1	43.7
68	8.2	6.2	9.2

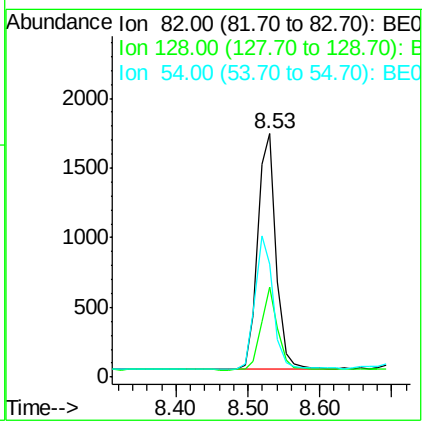


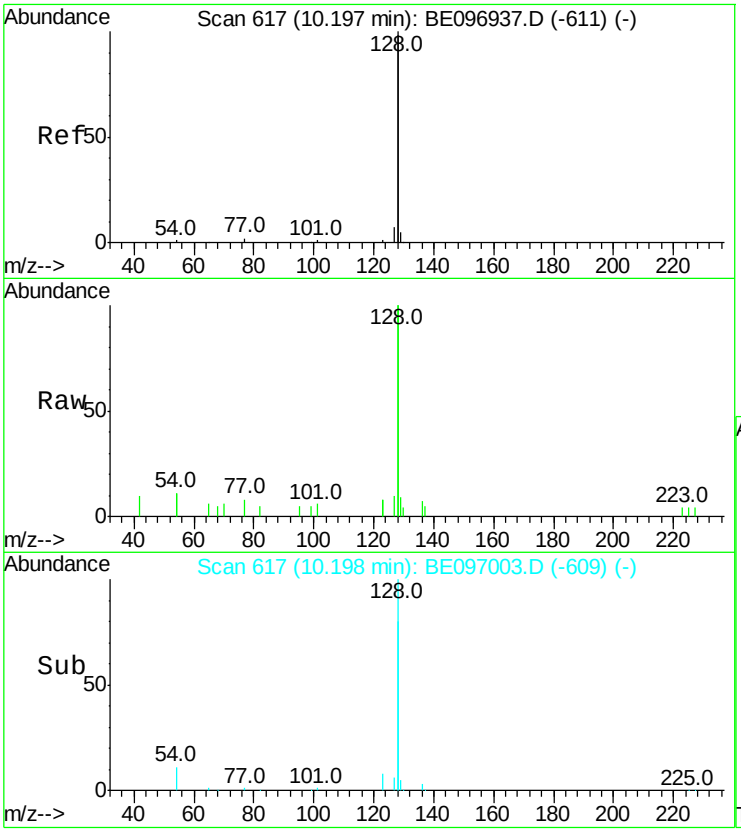


#8
Nitrobenzene-d5
Concen: 0.476 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion: 82 Resp: 3068

Ion	Ratio	Lower	Upper
82	100		
128	37.1	24.0	36.0#
54	46.2	40.0	60.0



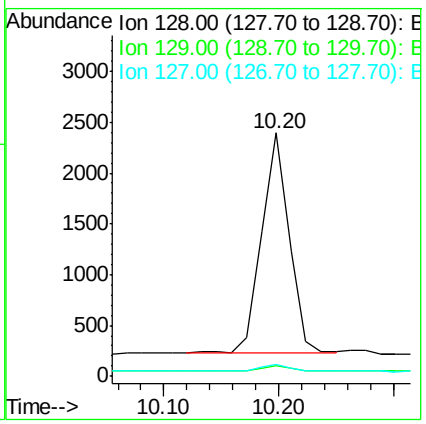


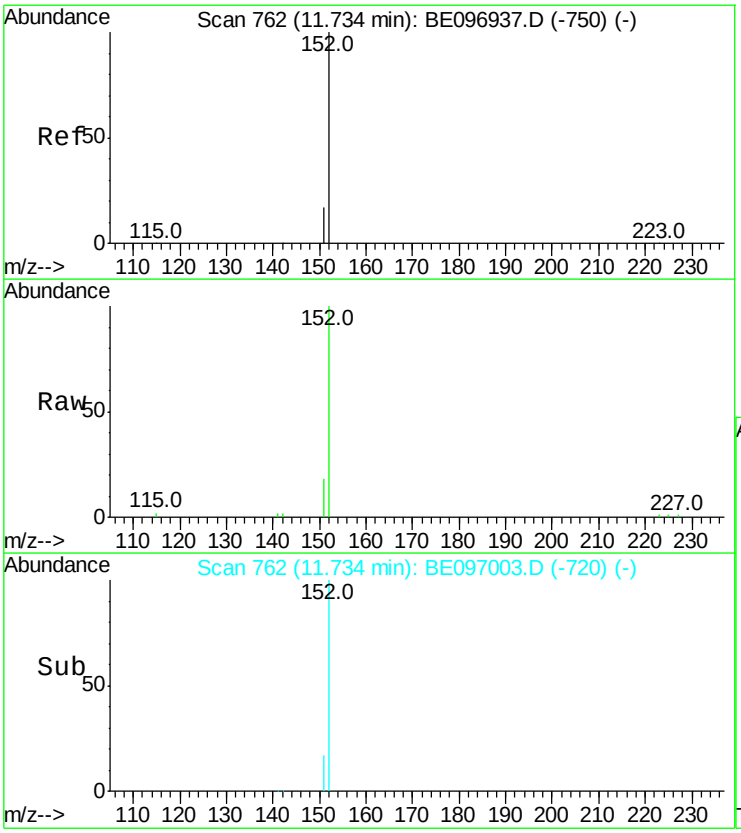
#9
Naphthalene
Concen: 0.046 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:128 Resp: 3623

Ion	Ratio	Lower	Upper
128	100		
129	4.6	2.6	3.8#
127	5.0	2.8	4.2#

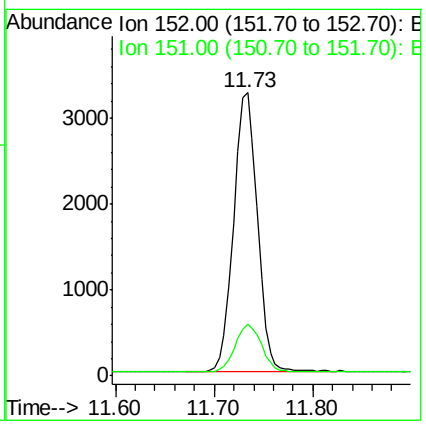


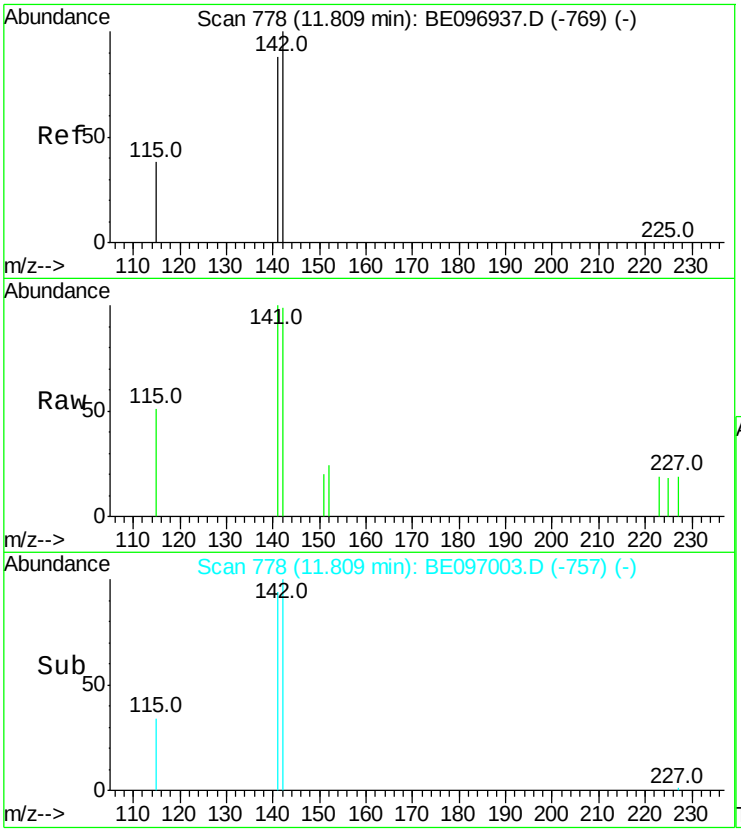


#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:152 Resp: 5411

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



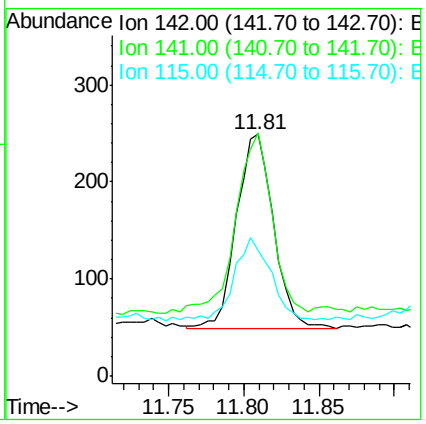


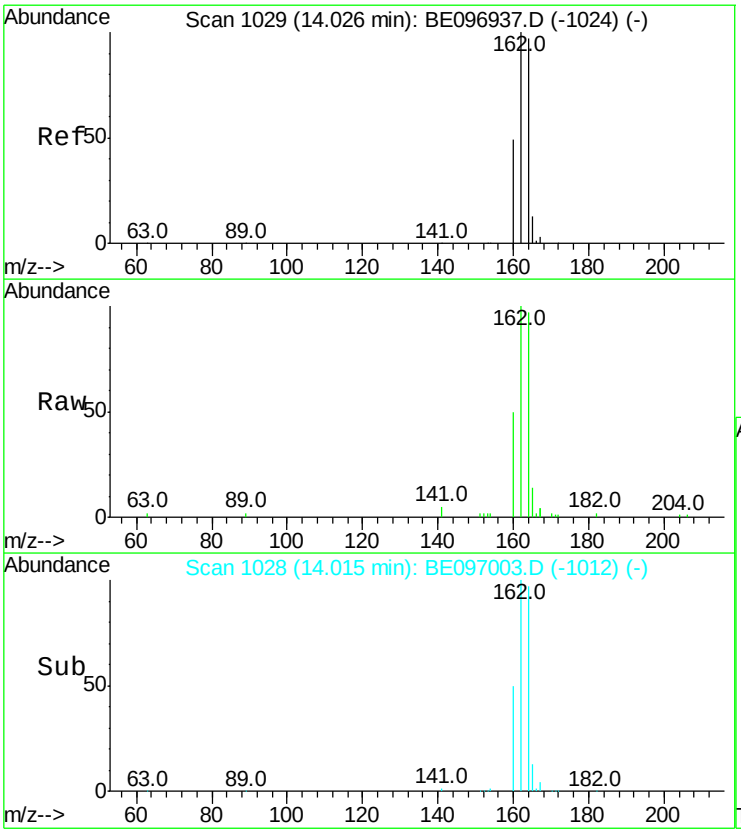
#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:142 Resp: 344

Ion	Ratio	Lower	Upper
142	100		
141	100.8	70.4	105.6
115	51.8	31.7	47.5#

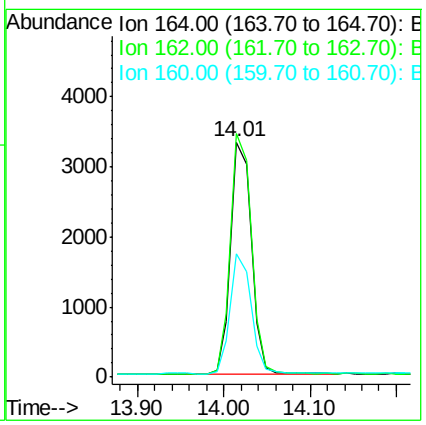


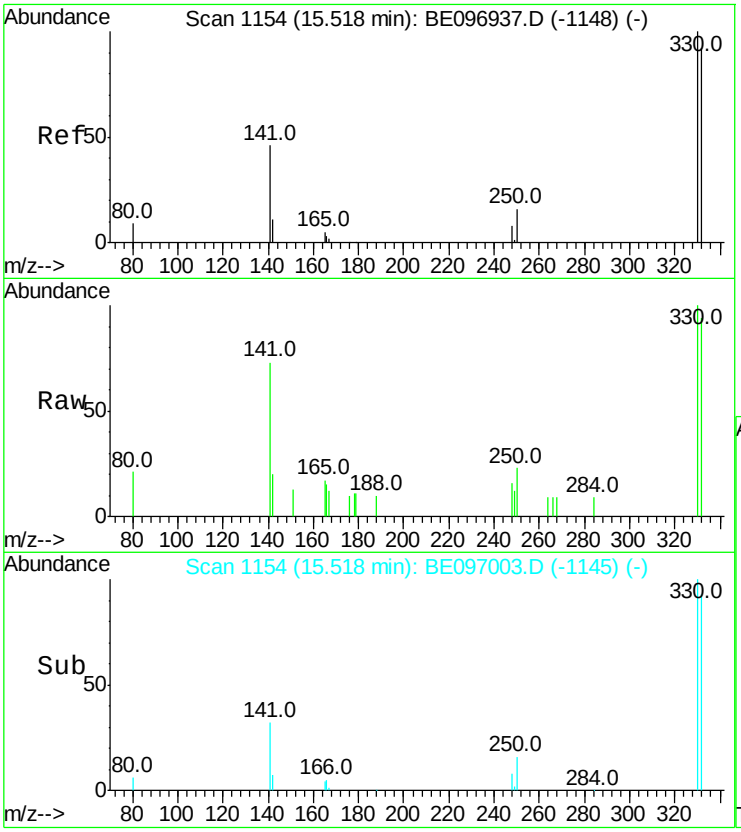


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:164 Resp: 5505

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	52.2	37.1	55.7



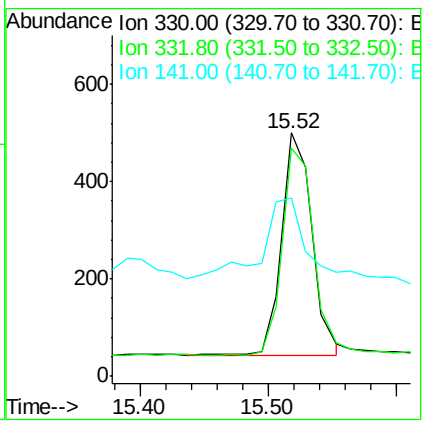


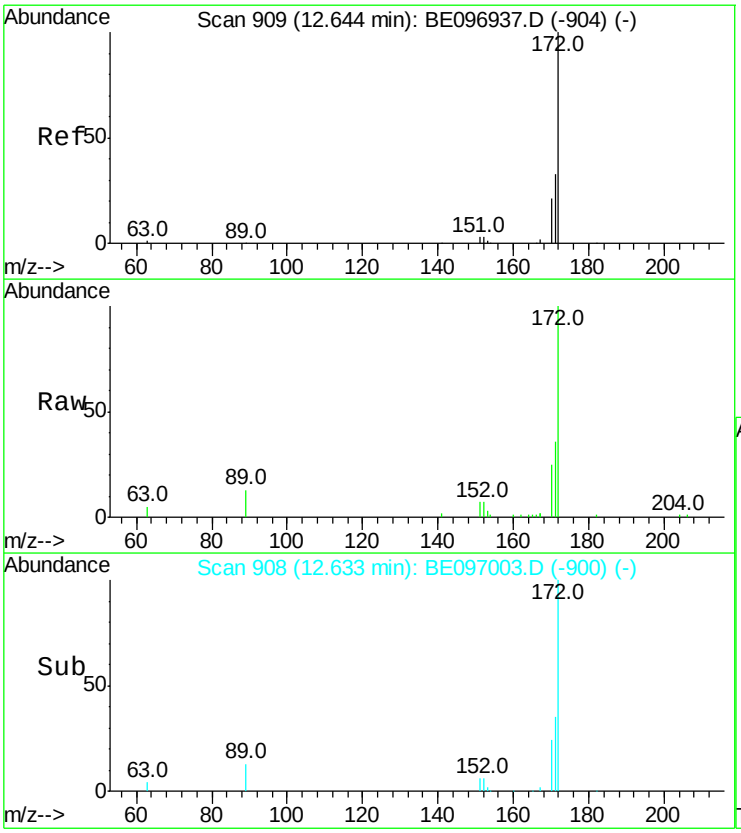
#14
2,4,6-Tribromophenol
Concen: 0.589 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:330 Resp: 762

Ion	Ratio	Lower	Upper
330	100		
332	95.4	152.7	229.1#
141	49.9	33.7	50.5

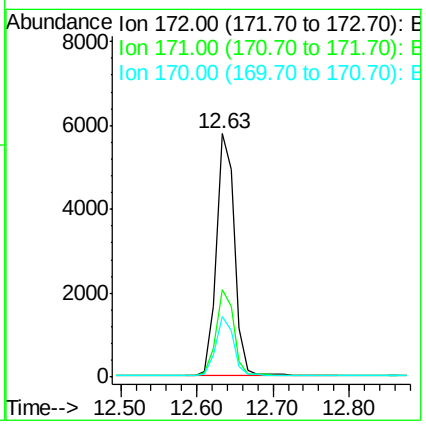


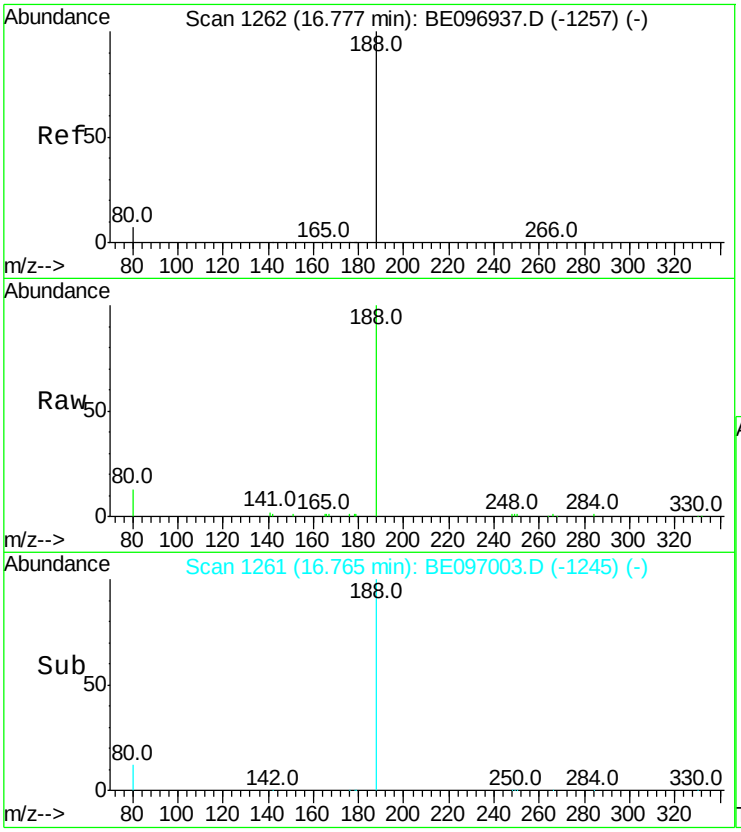


#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:172 Resp: 9530

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	25.1	21.8	32.8



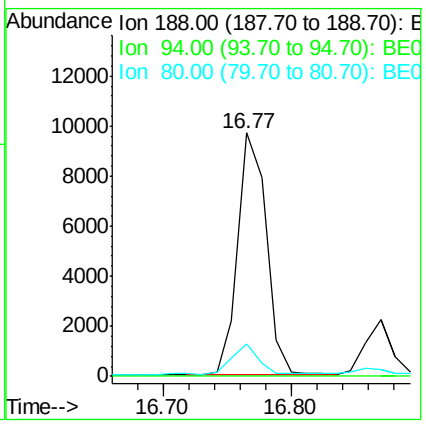


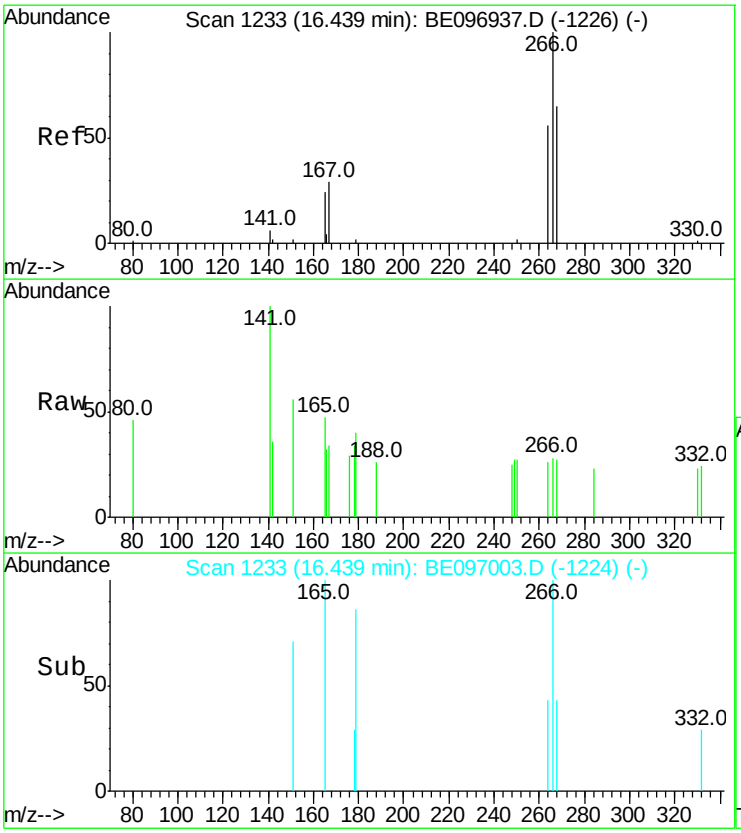
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:188 Resp: 15071

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.3	3.6	5.4#

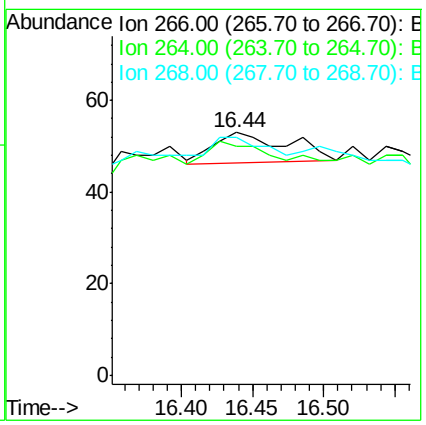


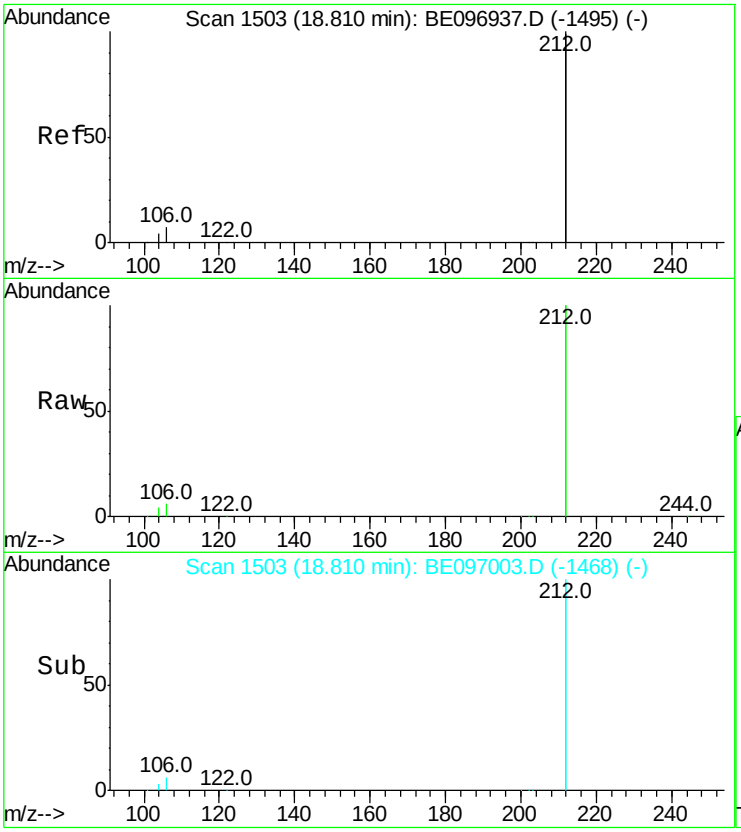


#22
Pentachlorophenol
Concen: Below Cal
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:266 Resp: 24

Ion	Ratio	Lower	Upper
266	100		
264	94.3	72.5	108.7
268	98.1	73.8	110.6



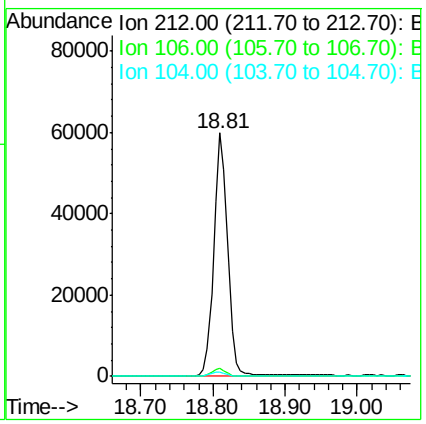


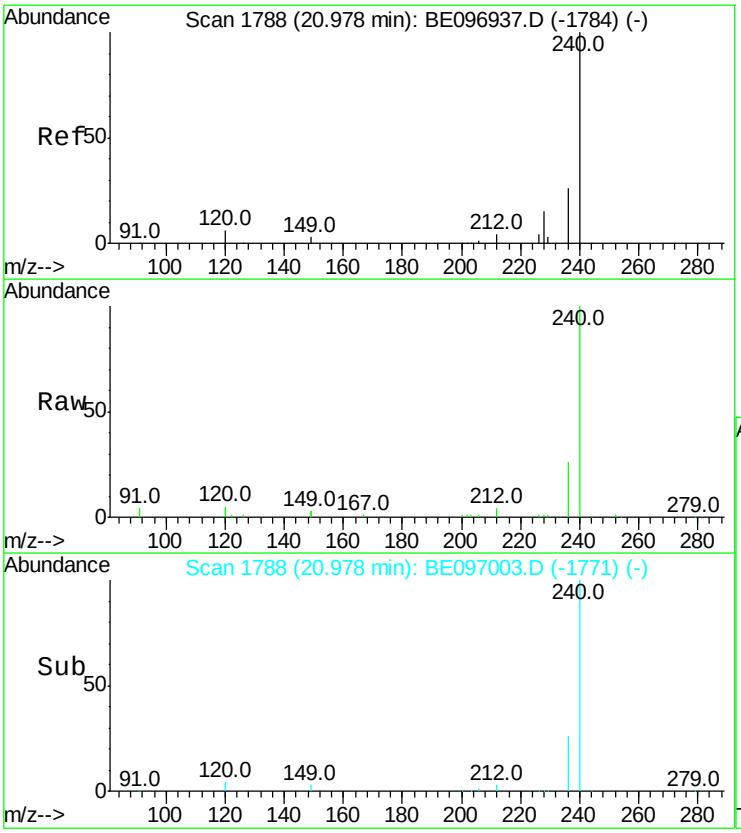
#25
Fluoranthene-d10
Concen: 0.600 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:212 Resp: 78638

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

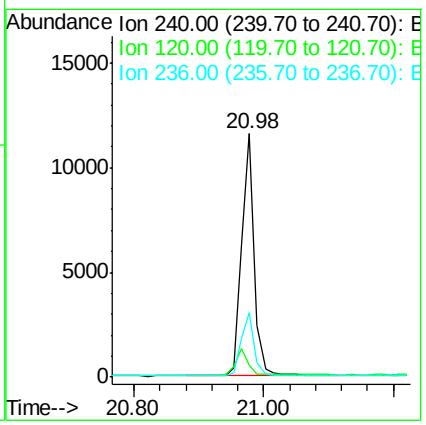


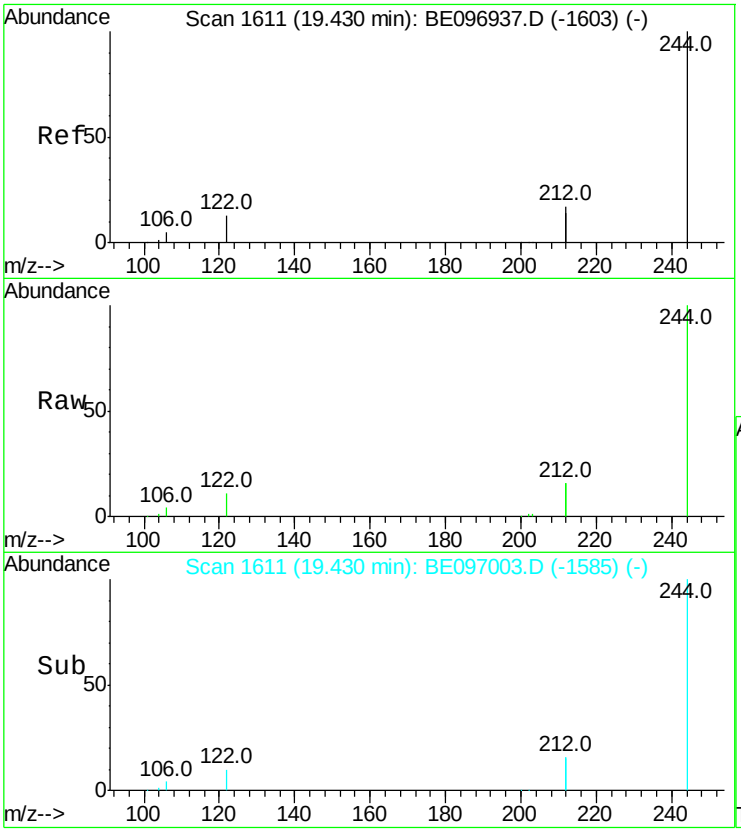


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:240 Resp: 15709

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.5	8.3#
236	26.3	20.7	31.1



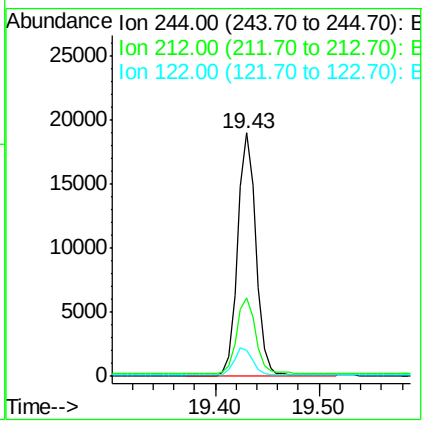


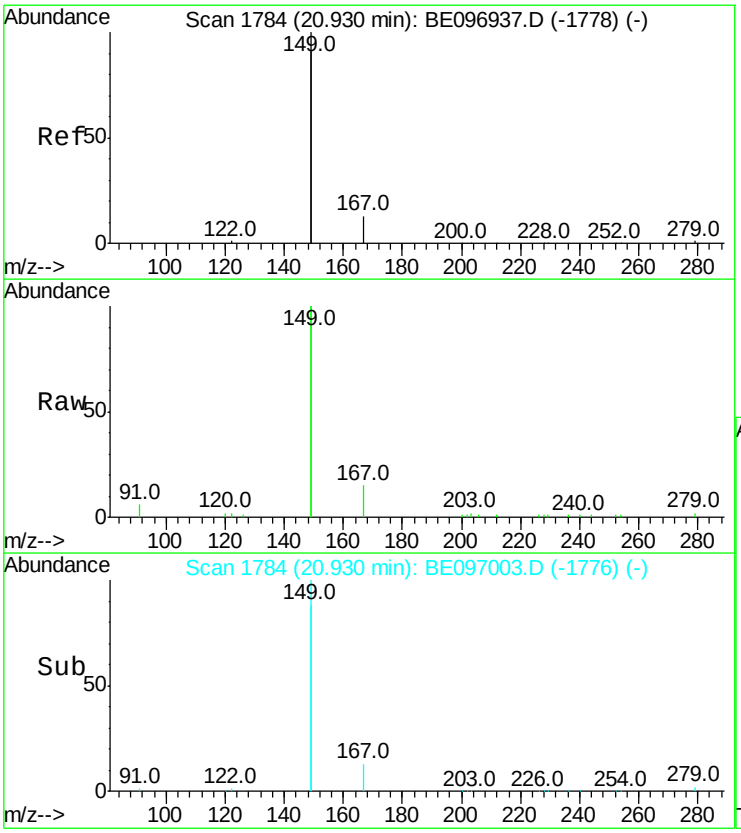
#29
Terphenyl-d14
Concen: 0.763 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:244 Resp: 23116

Ion	Ratio	Lower	Upper
244	100		
212	32.4	25.4	38.0
122	10.7	8.1	12.1

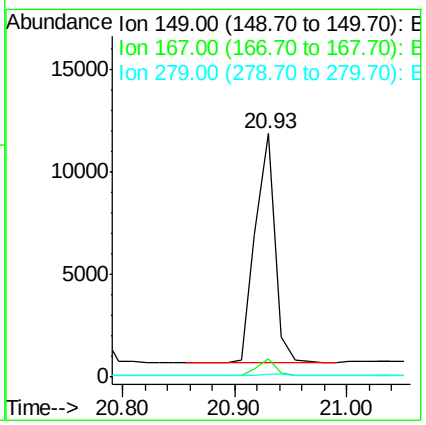


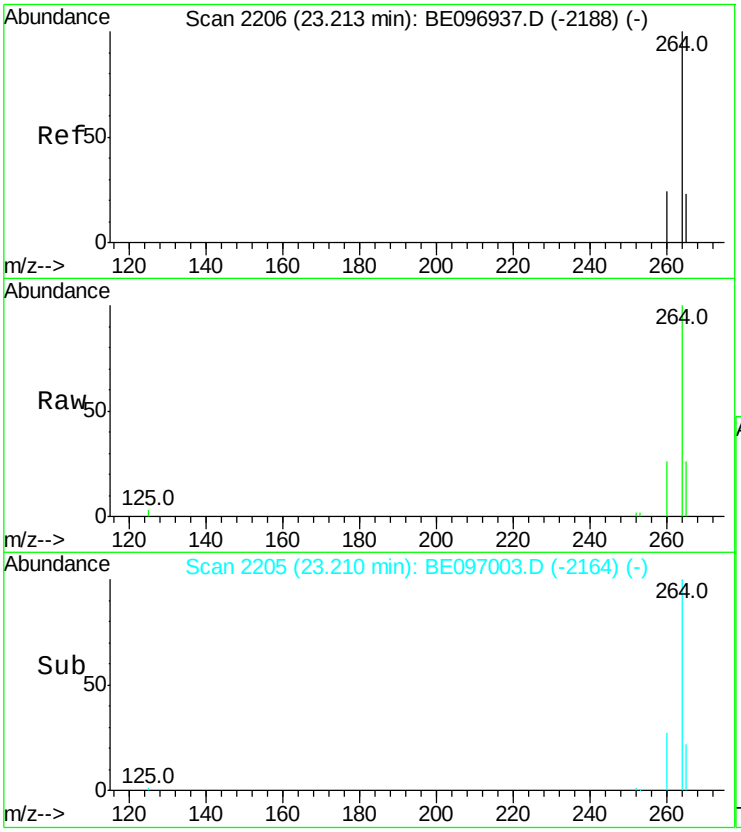


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.370 ng
RT: 20.93 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:149 Resp: 13830

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



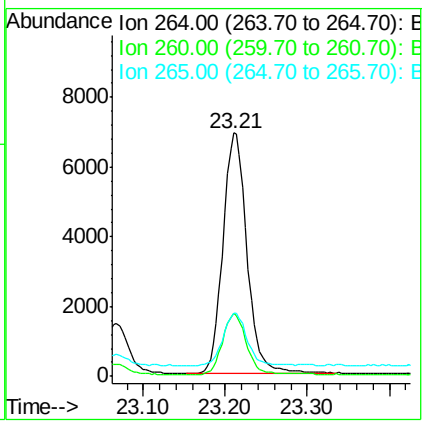


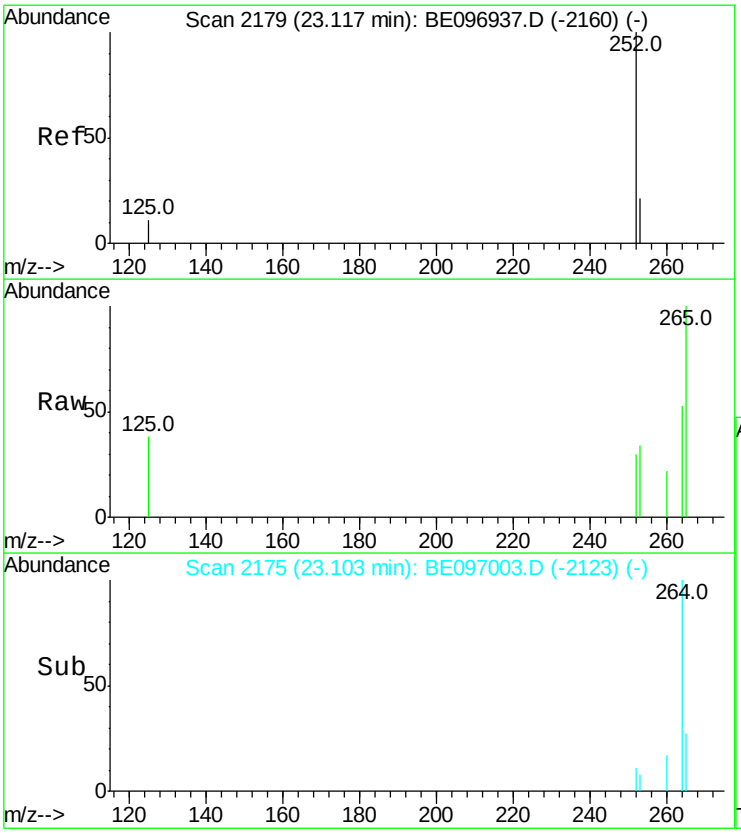
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:264 Resp: 14095

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	25.8	22.8	34.2

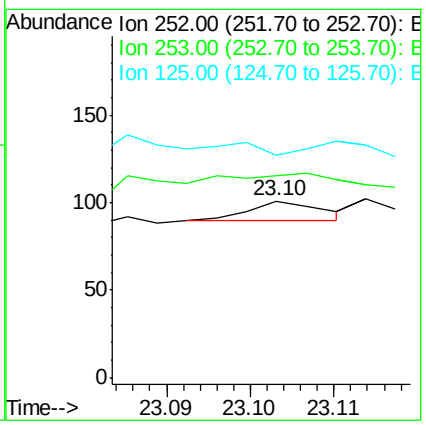


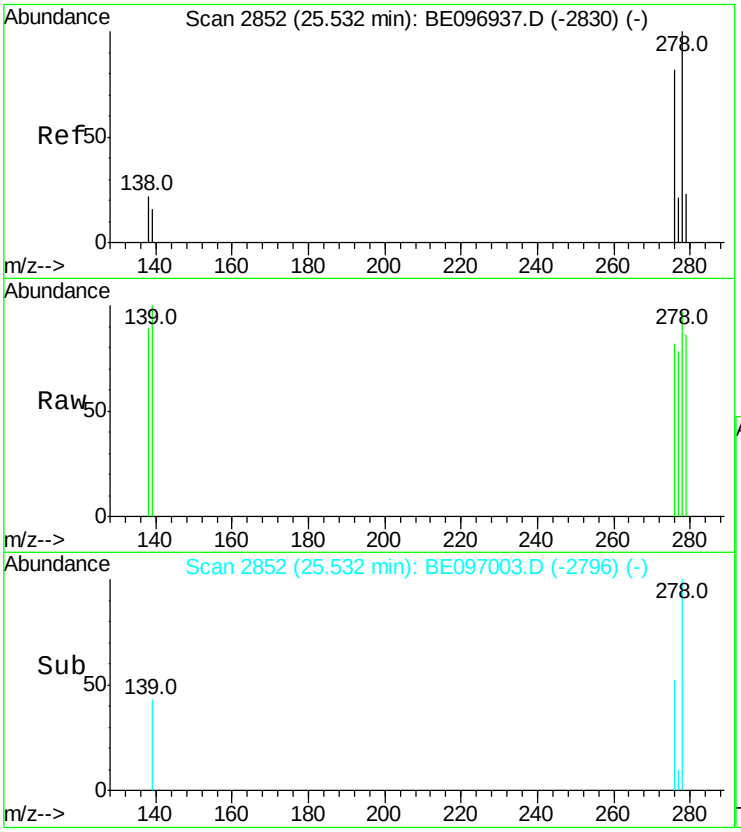


#37
Benzo(a)pyrene
Concen: 0.101 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	113.9	16.0	24.0#
125	125.7	12.0	18.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.119 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE097003.D
Acq: 19 Jul 2018 13:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-071218

Tgt Ion:278 Resp: 64

Ion	Ratio	Lower	Upper
278	100		
139	102.8	16.0	24.0#
279	88.7	20.0	30.0#