Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
Data File : BE097018.D
Acq On : 20 Jul 2018 7:12
Operator : SJ/JU
Sample : J4014-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE103D3-071218

Quant Time: Jul 20 08:07:05 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	7.39	152	1493	0.40	ng	-0.01
7) Naphthalene-d8	10.15	136	6799	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3904	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	11507	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	12646	0.40	ng	0.00
34) Perylene-d12	23.21	264	11450	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	676	0.19	ng	0.00
5) Phenol-d6	6.59	99	571	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	2232	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3854	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	521	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7090	0.49	ng	-0.01
25) Fluoranthene-d10	18.81	212	57146	0.57	ng	0.00
29) Terphenyl-d14	19.43	244	15666	0.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	986	0.461	ng	# 81
6) bis(2-Chloroethyl)ether	6.84	93	137	0.026	ng	# 85
32) Bis(2-ethylhexyl)phthalate	20.92	149	4208	0.140	ng	# 98

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
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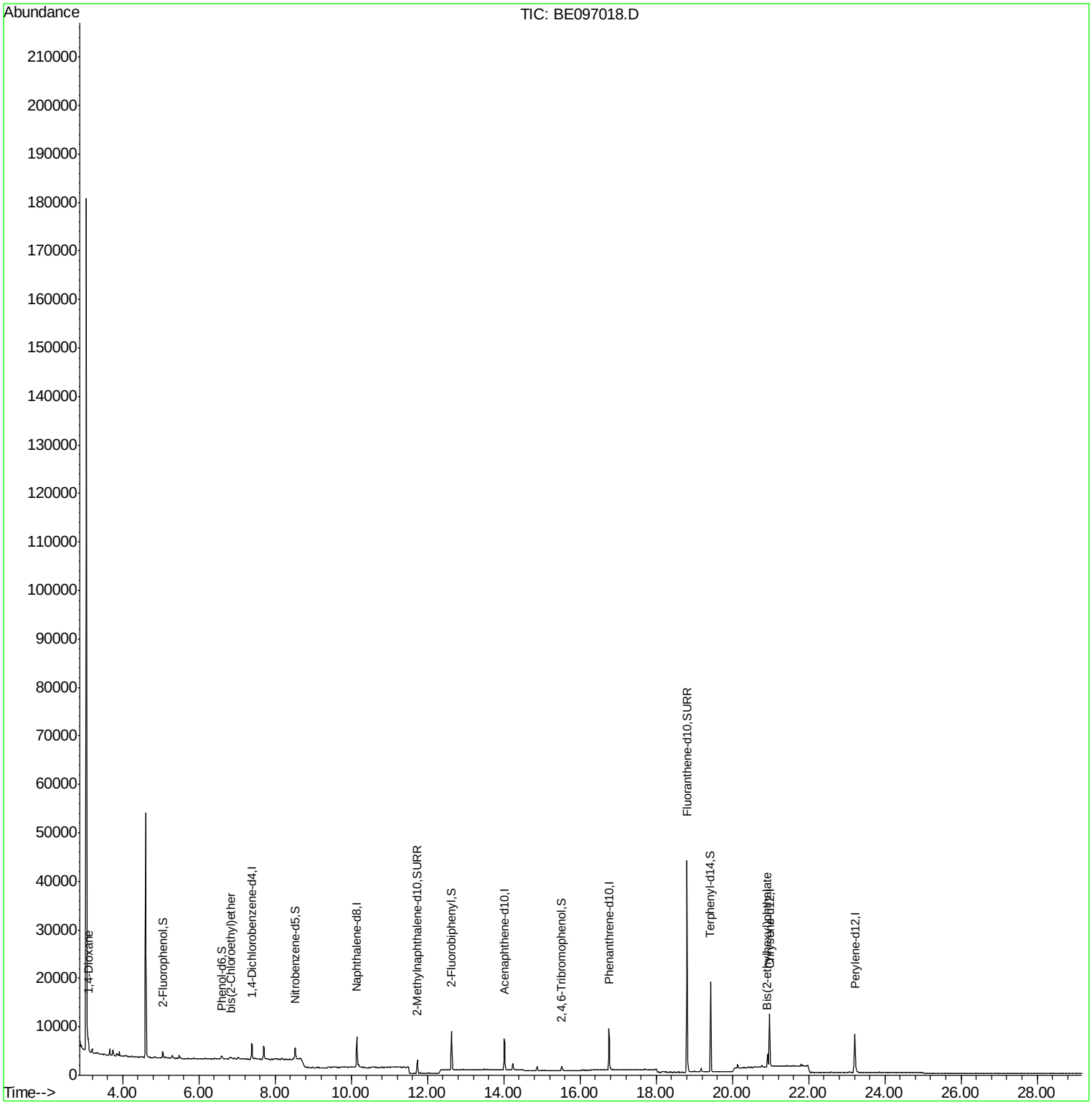
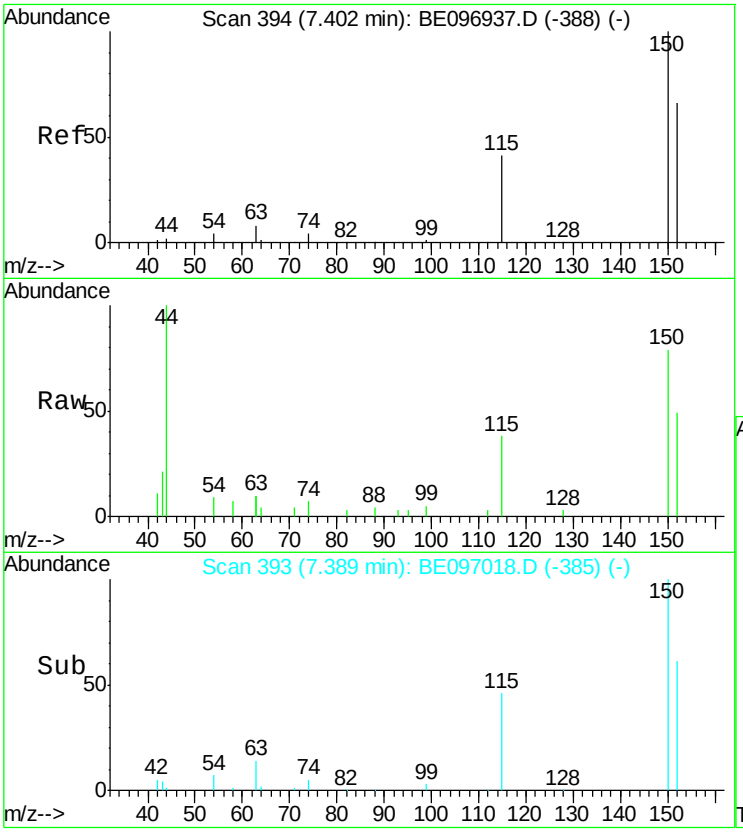


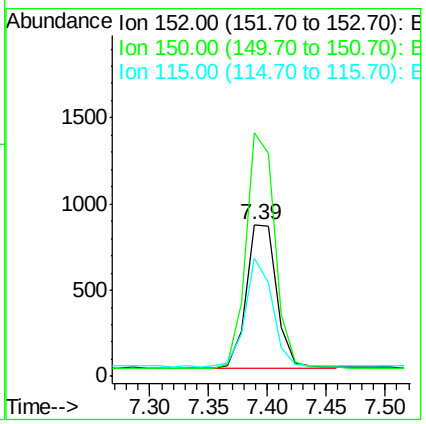


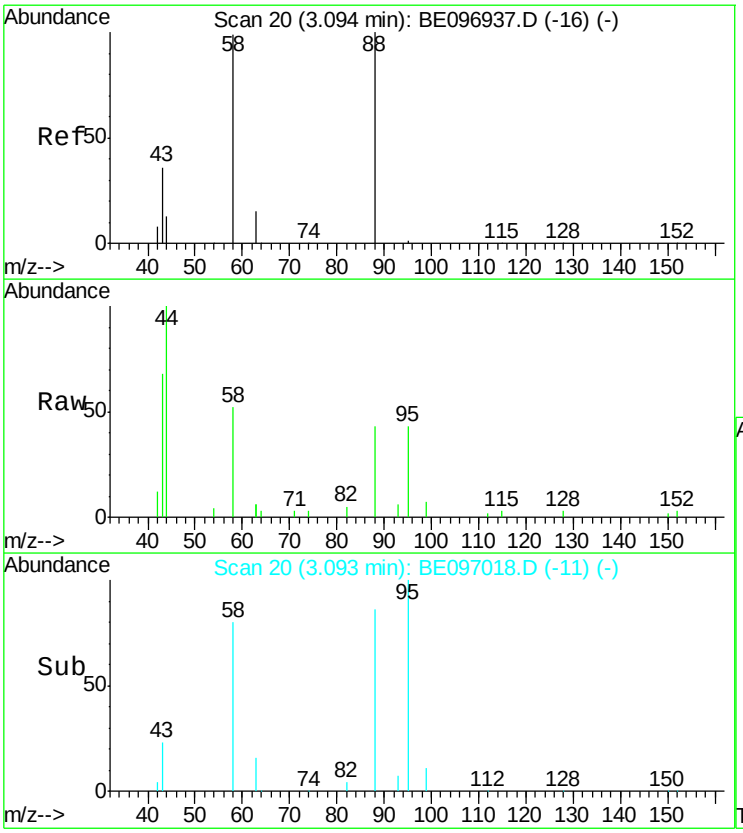
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion:152 Resp: 1493

Ion	Ratio	Lower	Upper
152	100		
150	160.4	117.2	175.8
115	77.5	57.0	85.6

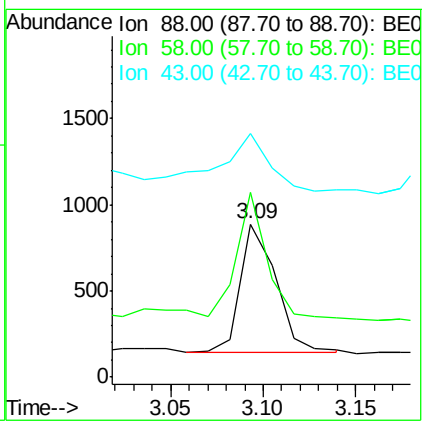


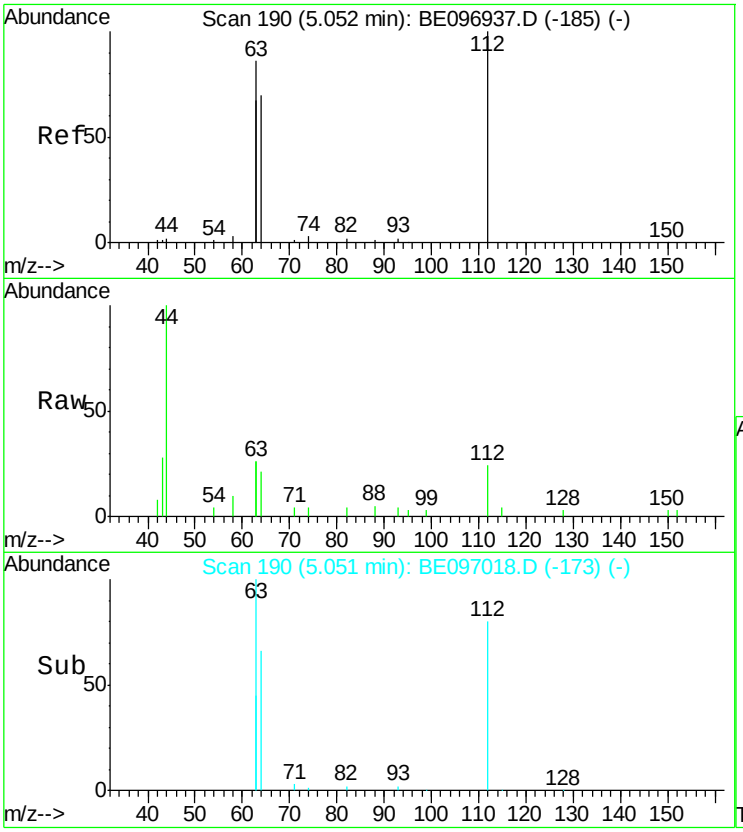


#2
1,4-Dioxane
Concen: 0.461 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion: 88 Resp: 986

Ion	Ratio	Lower	Upper
88	100		
58	93.5	63.2	94.8
43	68.0	41.2	61.8#



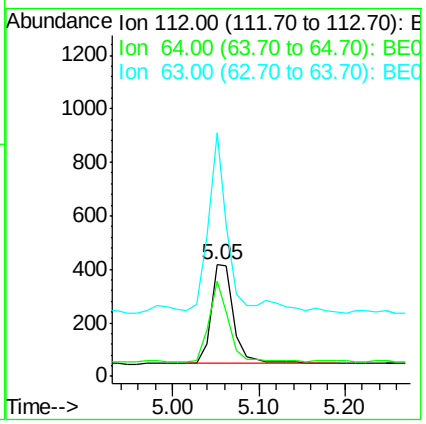


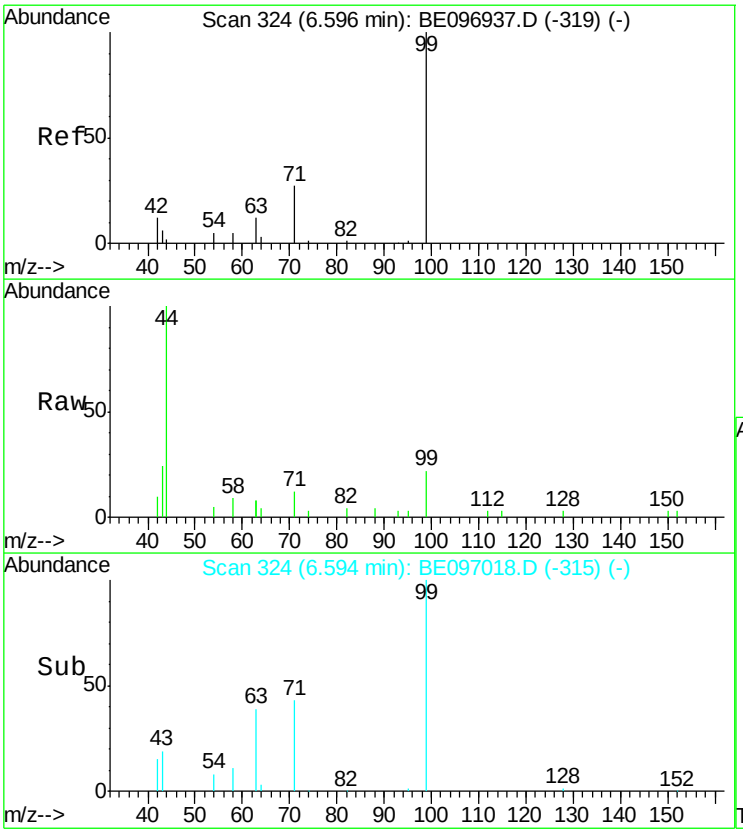
#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion:112 Resp: 676

Ion	Ratio	Lower	Upper
112	100		
64	70.6	60.1	90.1
63	146.0	116.8	175.2

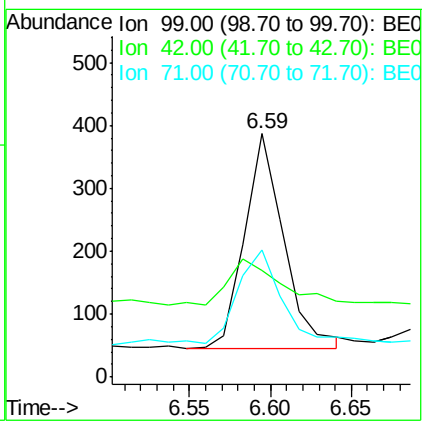


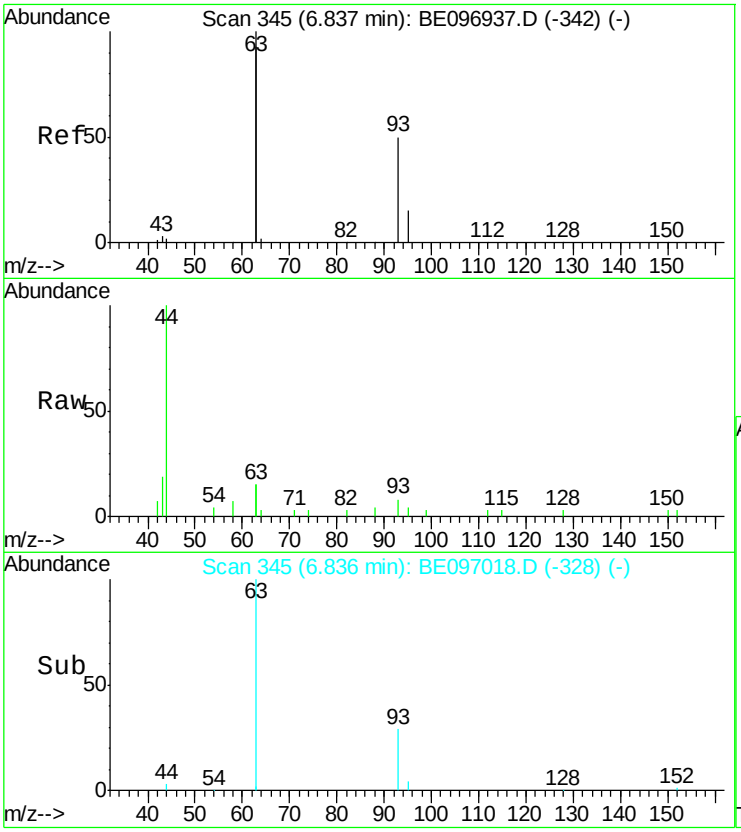


#5
Phenol-d6
Concen: 0.105 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion: 99 Resp: 571

Ion	Ratio	Lower	Upper
99	100		
42	28.9	20.2	30.2
71	45.9	28.4	42.6#



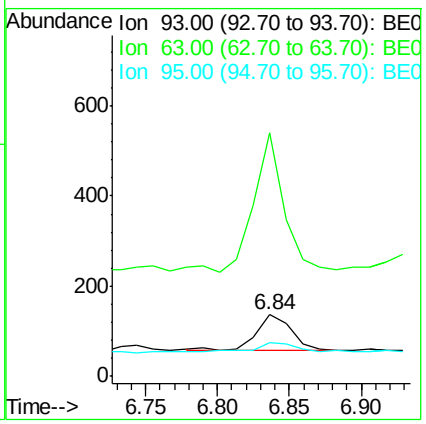


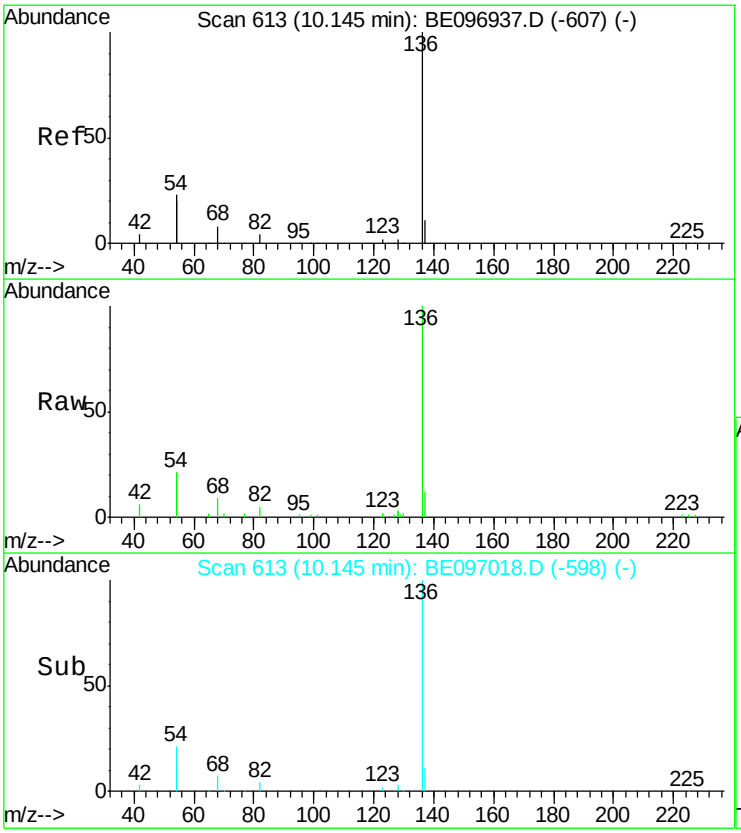
#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion: 93 Resp: 137

Ion	Ratio	Lower	Upper
93	100		
63	310.9	275.3	412.9
95	40.1	25.2	37.8#

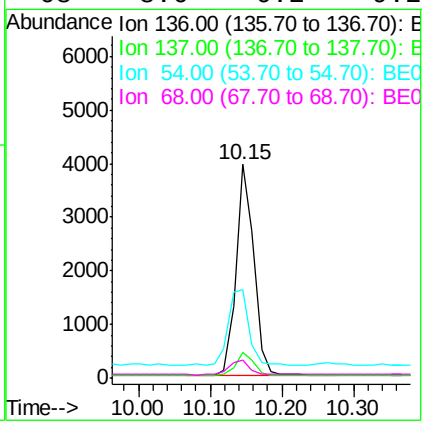


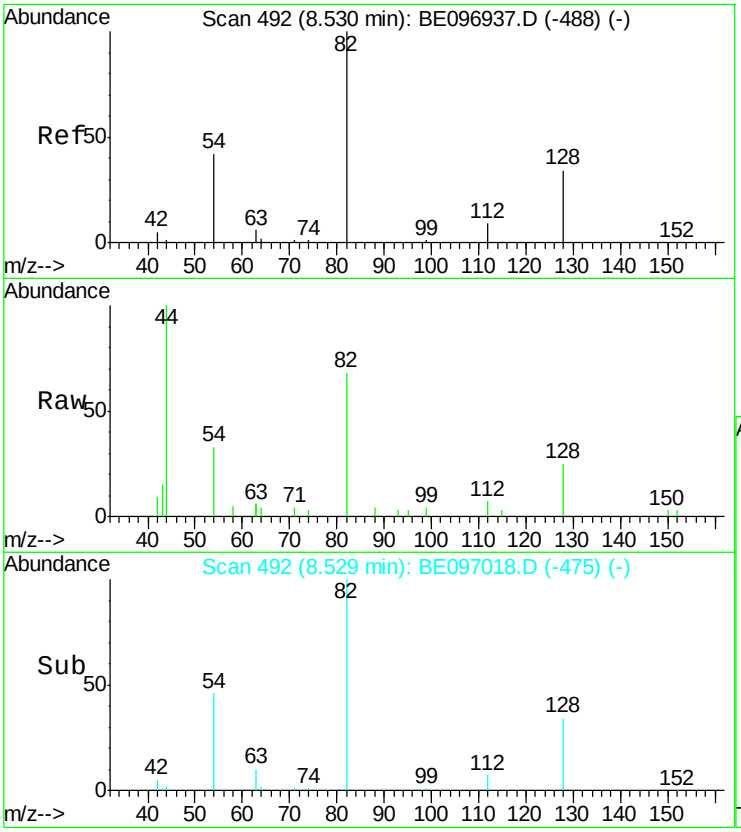


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion:136 Resp: 6799

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	41.3	29.1	43.7
68	8.6	6.2	9.2



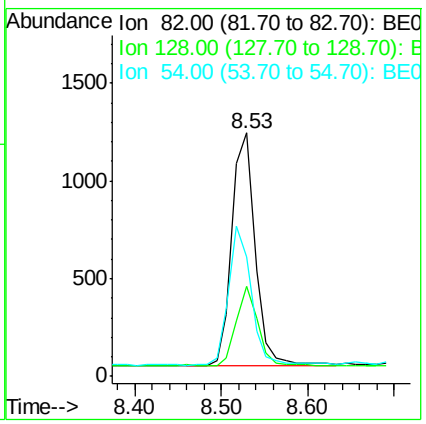


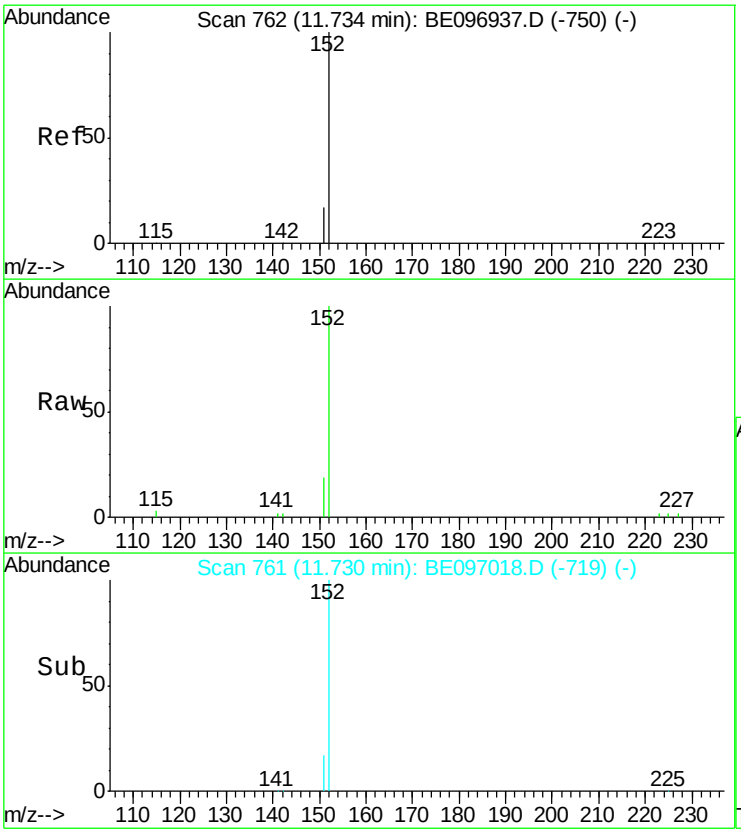
#8
Nitrobenzene-d5
Concen: 0.450 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion: 82 Resp: 2232

Ion	Ratio	Lower	Upper
82	100		
128	36.8	24.0	36.0#
54	49.1	40.0	60.0

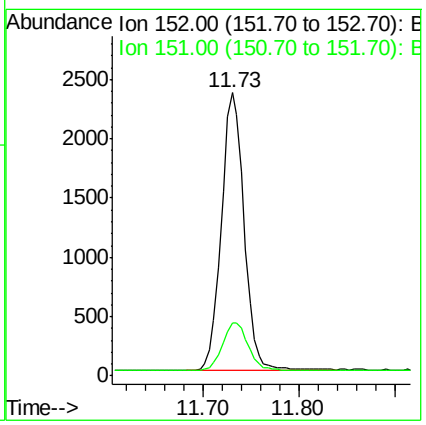


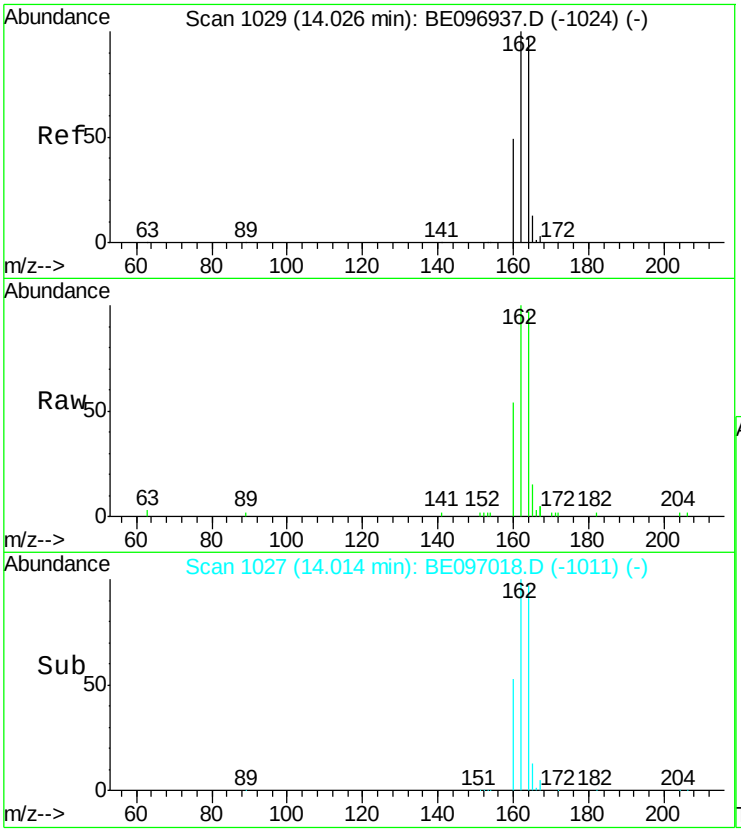


#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion:152 Resp: 3854

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



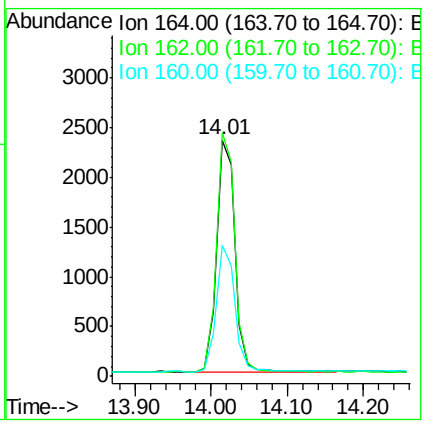


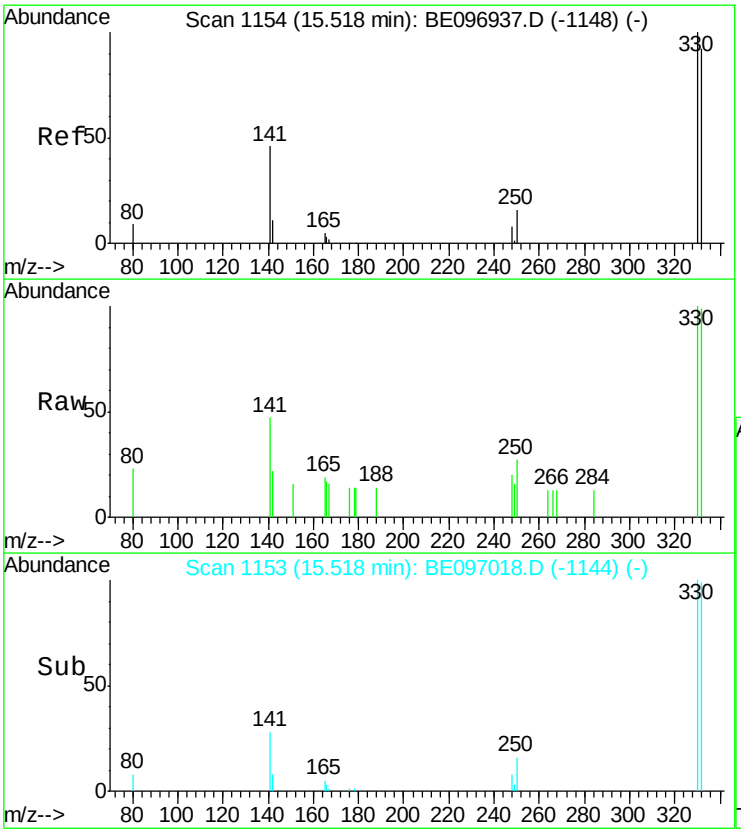
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion:164 Resp: 3904

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.1	124.7
160	55.3	37.1	55.7

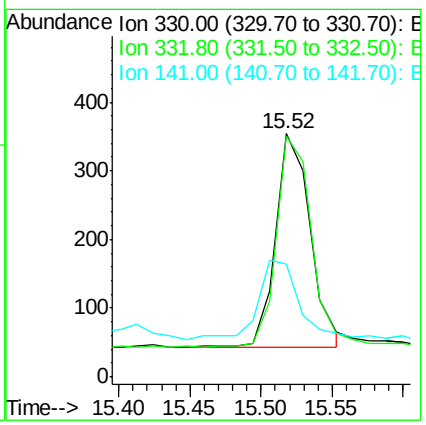


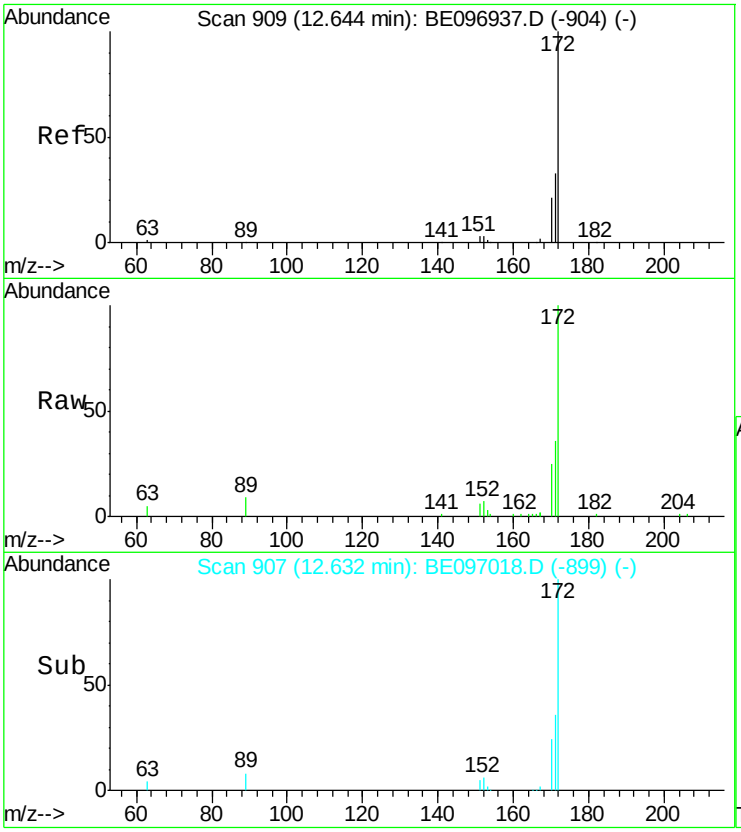


#14
2,4,6-Tribromophenol
Concen: 0.571 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion:330 Resp: 521

Ion	Ratio	Lower	Upper
330	100		
332	99.0	152.7	229.1#
141	43.6	33.7	50.5



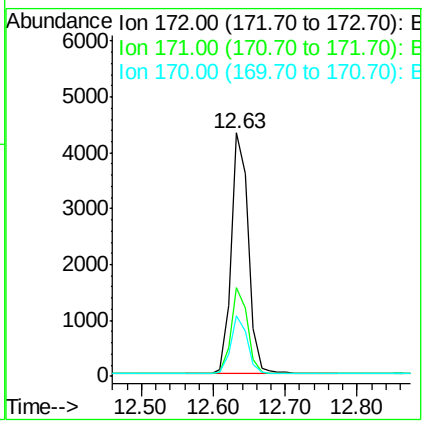


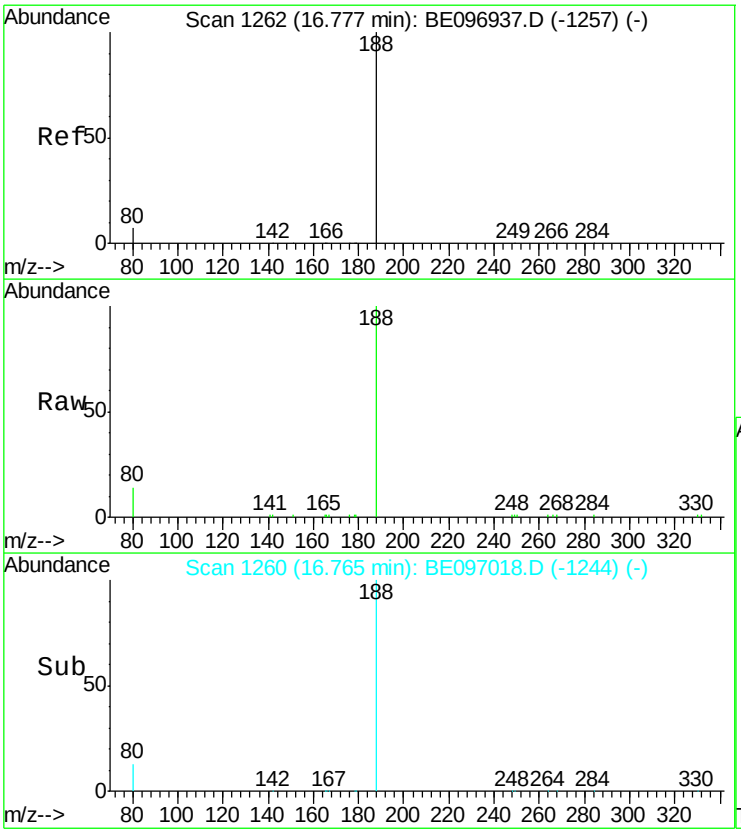
#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion:172 Resp: 7090

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	25.1	21.8	32.8

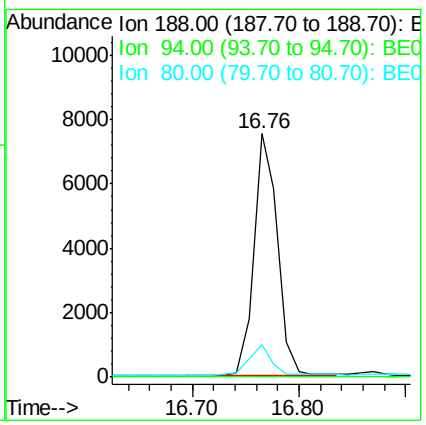


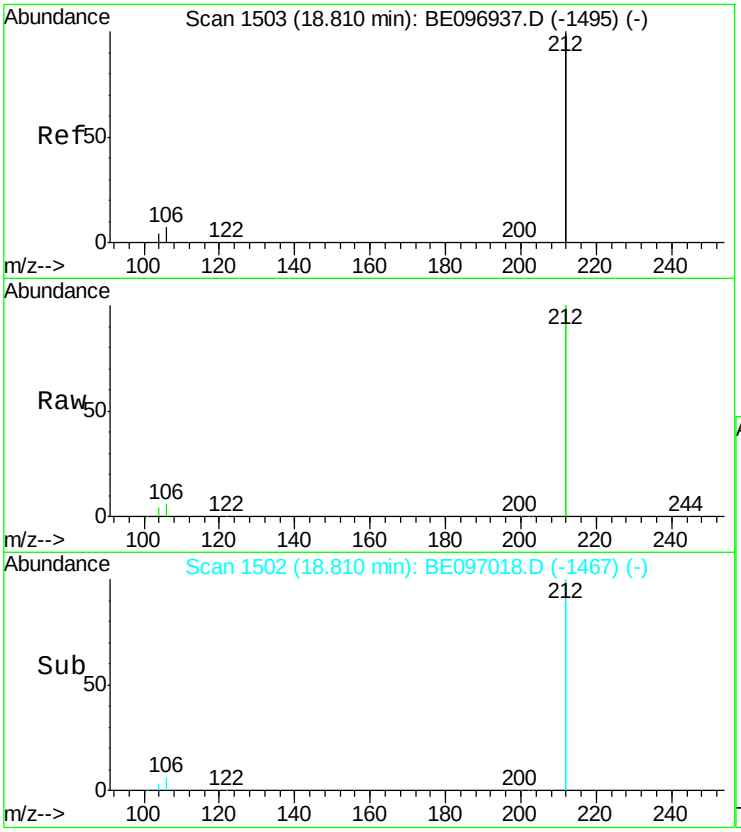


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion:188 Resp: 11507

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.6	3.6	5.4#



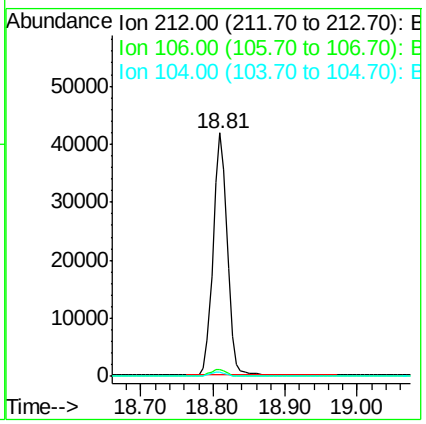


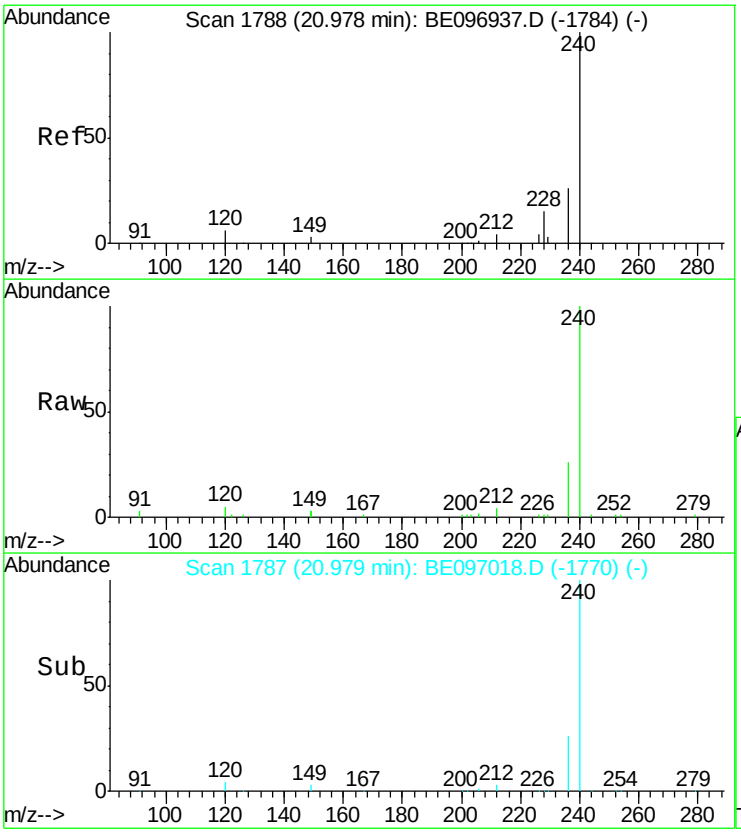
#25
Fluoranthene-d10
Concen: 0.571 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion:212 Resp: 57146

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

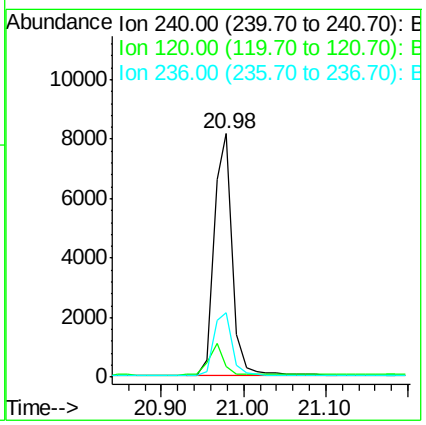


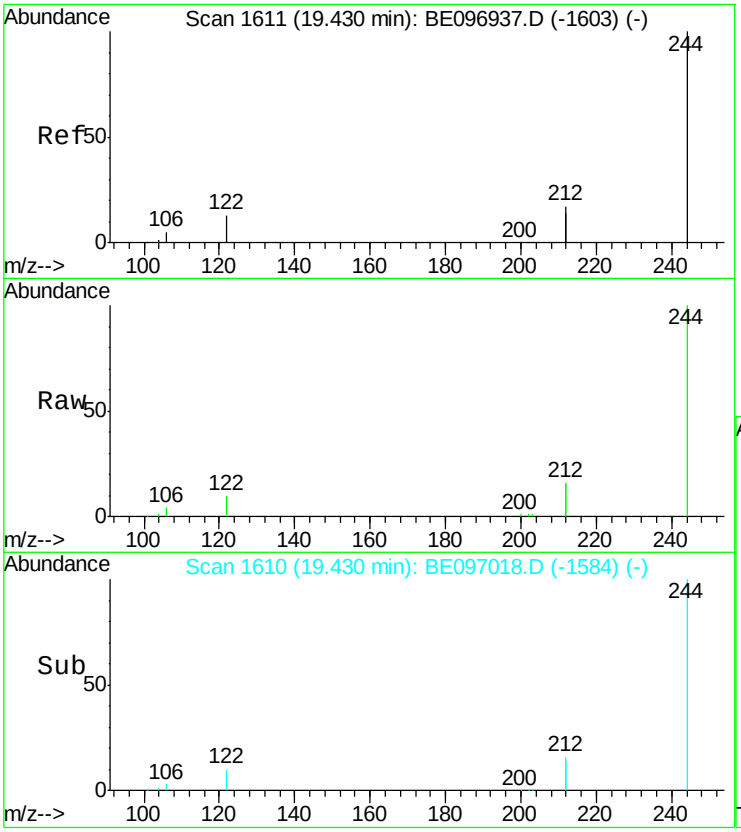


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion:240 Resp: 12646

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.5	8.3#
236	26.4	20.7	31.1



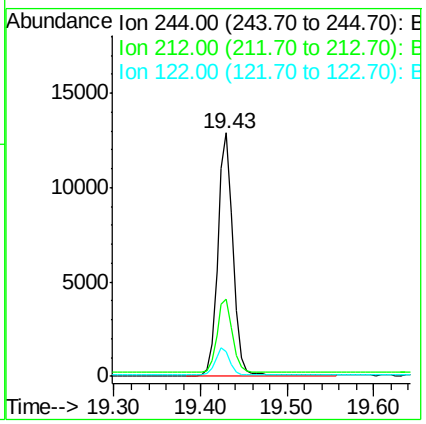


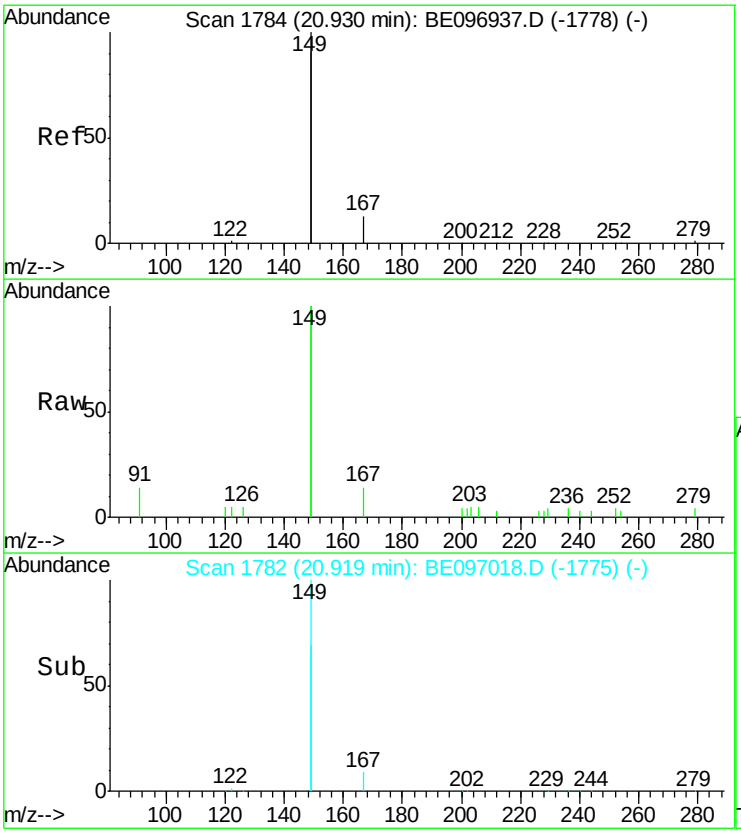
#29
Terphenyl-d14
Concen: 0.642 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion:244 Resp: 15666

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	10.1	8.1	12.1

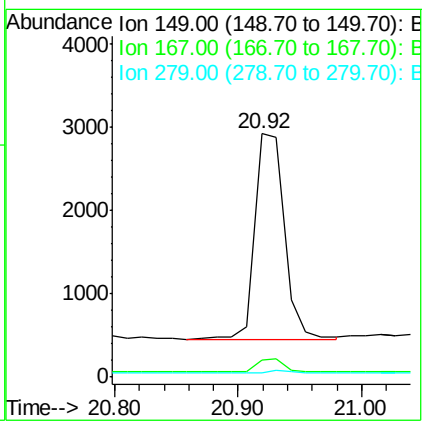


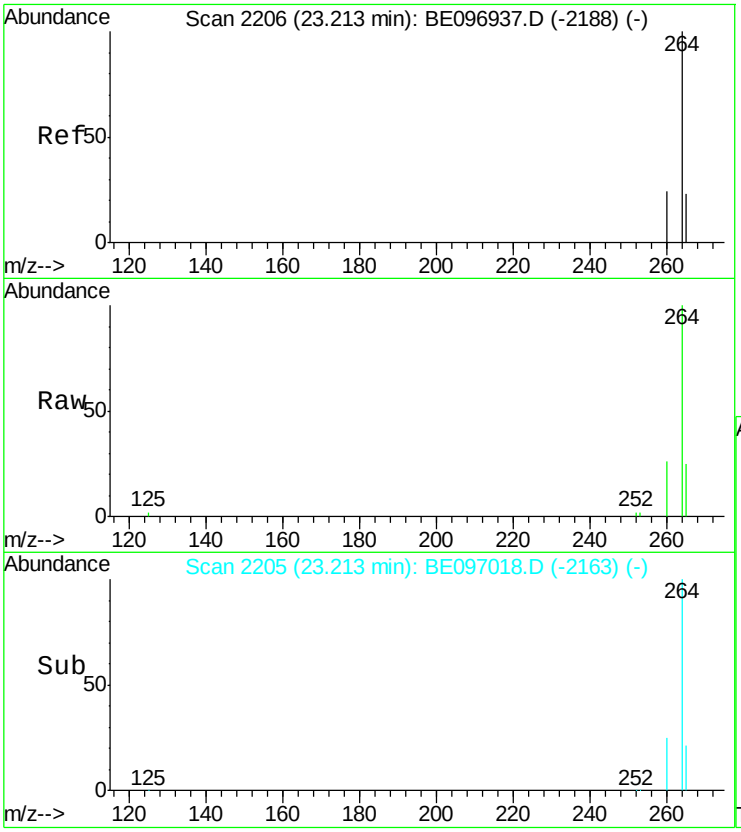


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 20.92 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BE097018.D
Acq: 20 Jul 2018 7:12

Tgt Ion:149 Resp: 4208

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.3	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: BE097018.D
Acq: 20 Jul 2018 7:12

Instrument :
BNA_E
ClientSampleId :
RE103D3-071218

Tgt Ion:264 Resp: 11450

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	25.0	22.8	34.2