Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097038.D
Acq On : 23 Jul 2018 15:57
Operator : SJ/JU
Sample : J4048-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : YT-MW-1

Quant Time: Jul 23 16:58:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1635	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	8569	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	5447	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	14558	0.40	ng		0.00
27) Chrysene-d12	20.98	240	16409	0.40	ng		0.00
34) Perylene-d12	23.21	264	15209	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	864	0.22	ng		0.00
5) Phenol-d6	6.59	99	770	0.13	ng		0.00
8) Nitrobenzene-d5	8.53	82	3019	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	4970	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	1073	0.79	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	8942	0.44	ng		0.00
25) Fluoranthene-d10	18.81	212	72692	0.57	ng		0.00
29) Terphenyl-d14	19.43	244	17979	0.57	ng		0.00
Target Compounds							Qvalue
17) Acenaphthene	14.08	154	442	0.029	ng		97
24) Anthracene	16.91	178	1048	0.035	ng	#	87
26) Fluoranthene	18.84	202	1119	0.030	ng	#	88
28) Pyrene	19.20	202	1633	0.034	ng		94
32) Bis(2-ethylhexyl)phthalate	20.92	149	9918	0.254	ng	#	100

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

Quantitation Report (QT Reviewed)

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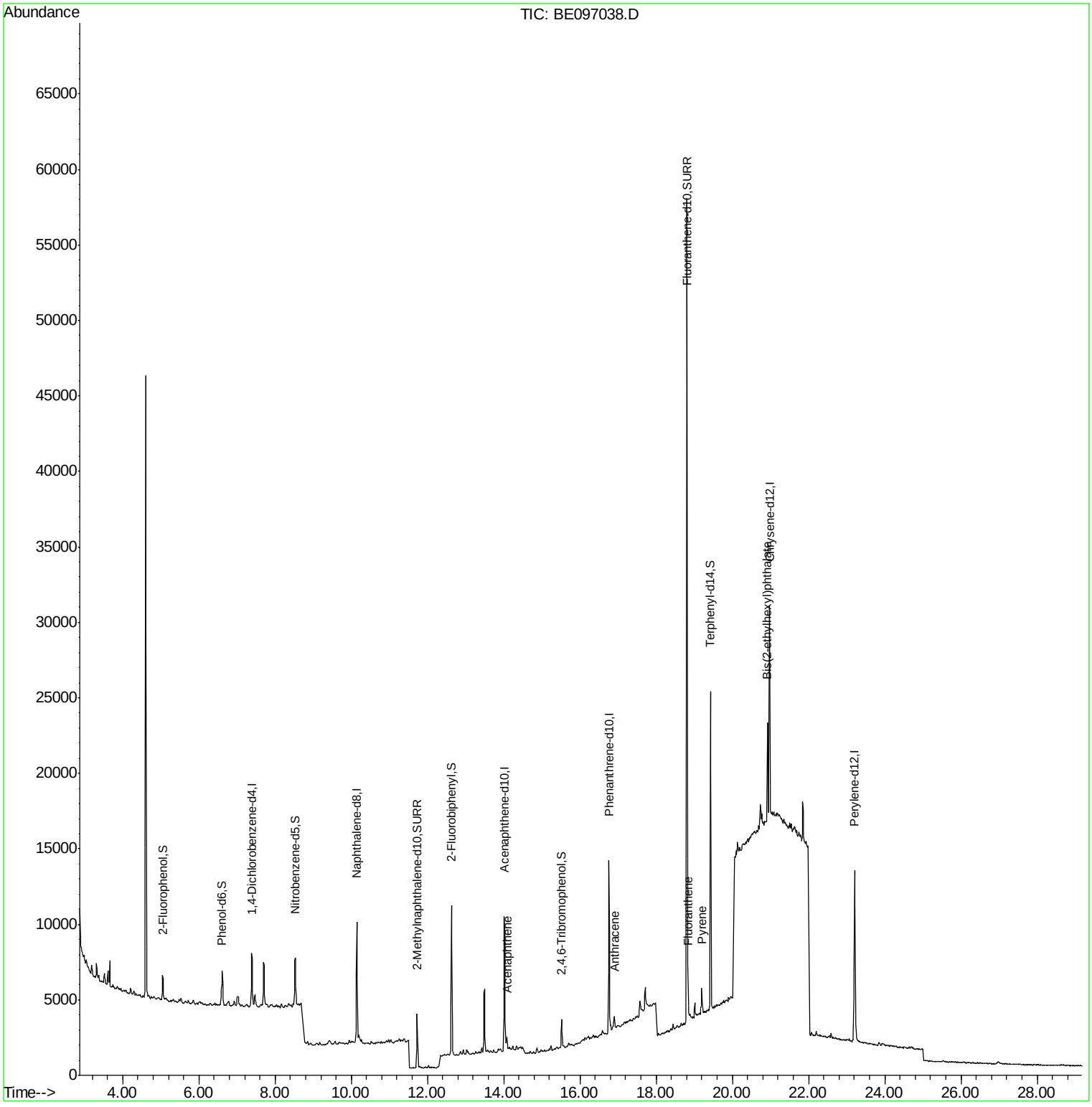
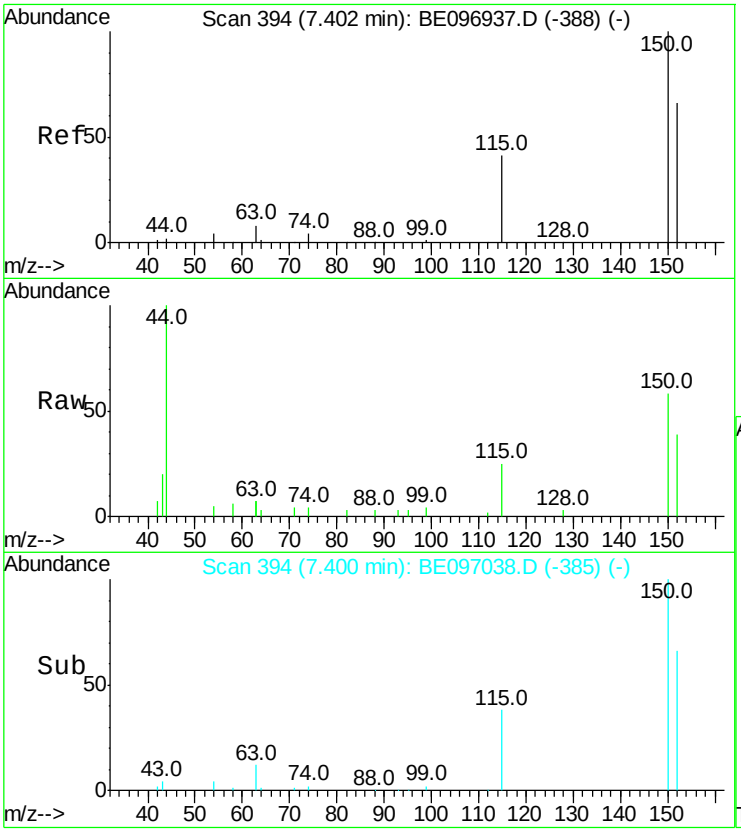
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



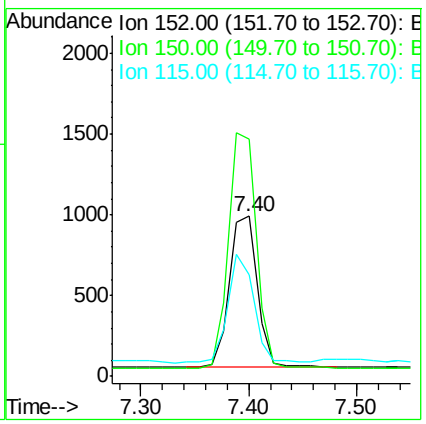


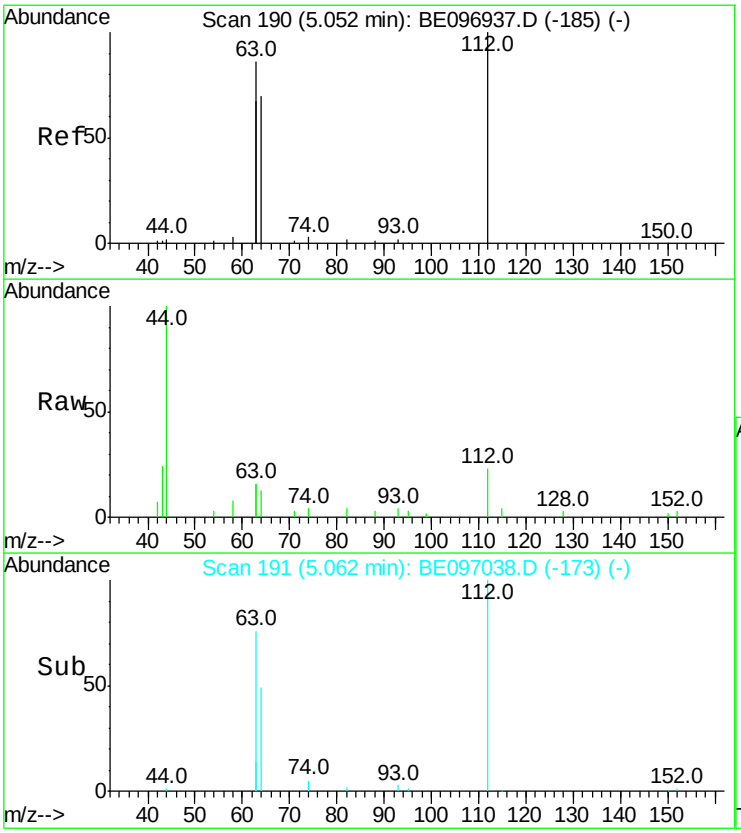
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:152 Resp: 1635

Ion	Ratio	Lower	Upper
152	100		
150	148.5	117.2	175.8
115	63.7	57.0	85.6

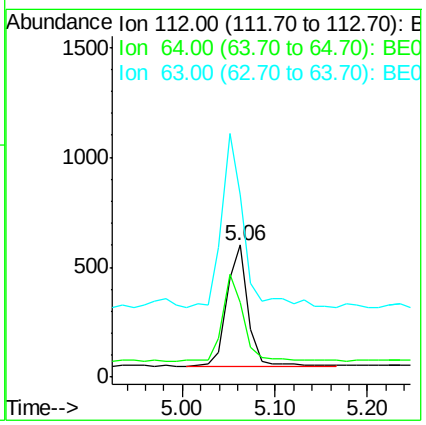


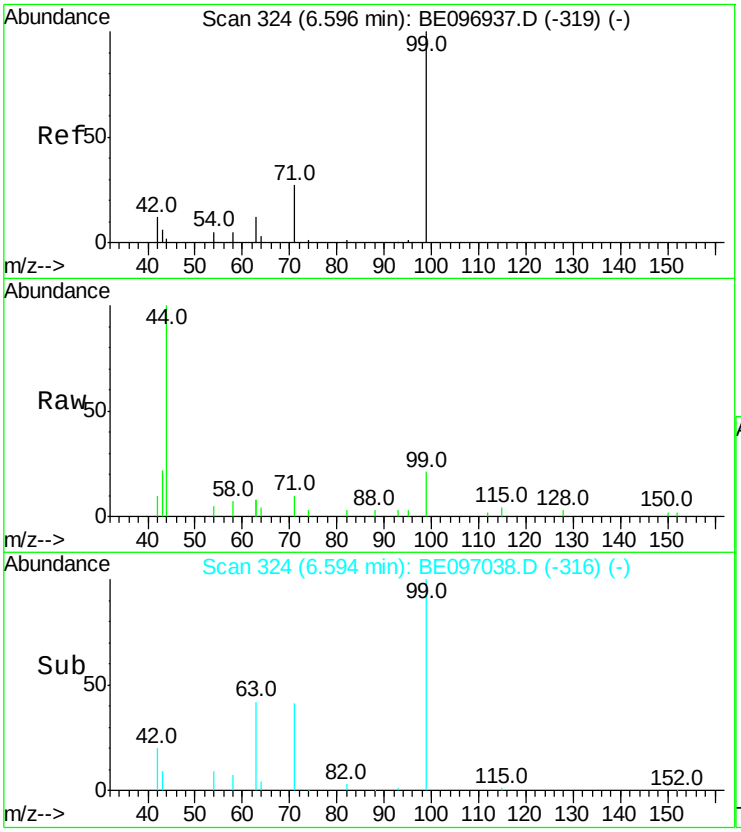


#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:112 Resp: 864

Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	153.1	116.8	175.2



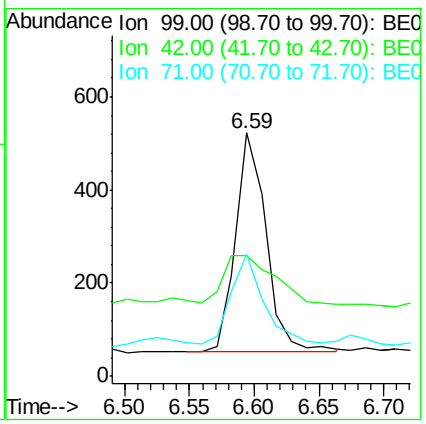


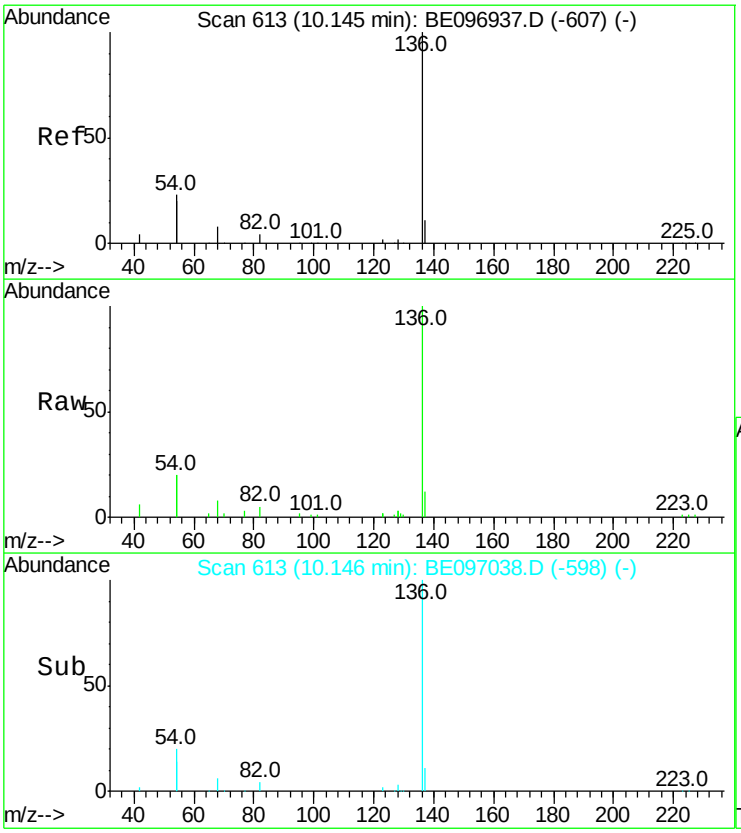
#5
Phenol-d6
Concen: 0.129 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion: 99 Resp: 770

Ion	Ratio	Lower	Upper
99	100		
42	36.9	20.2	30.2#
71	44.7	28.4	42.6#

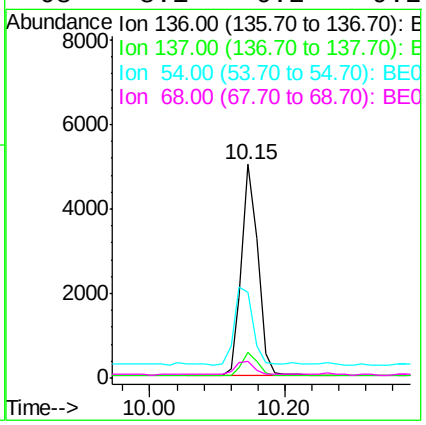


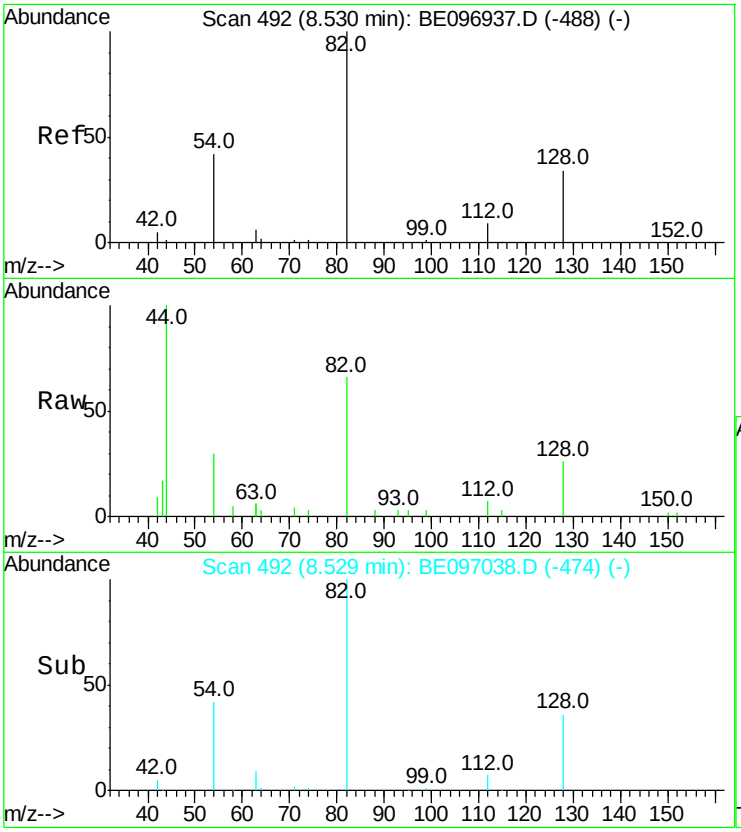


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:136 Resp: 8569

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	40.0	29.1	43.7
68	8.1	6.2	9.2



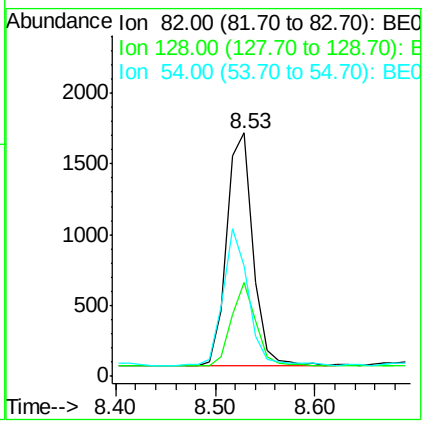


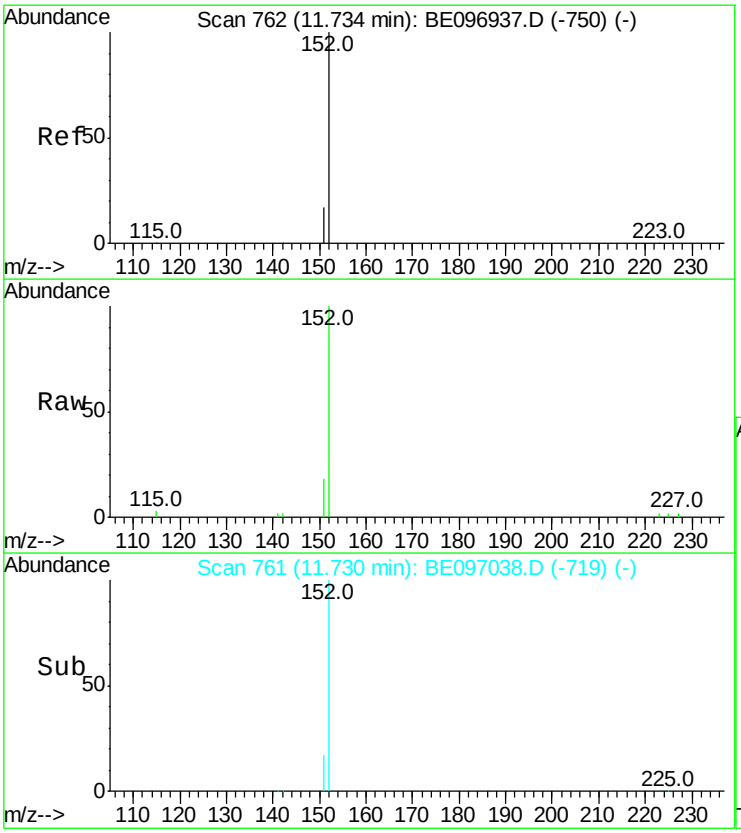
#8
Nitrobenzene-d5
Concen: 0.483 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion: 82 Resp: 3019

Ion	Ratio	Lower	Upper
82	100		
128	38.7	24.0	36.0#
54	45.3	40.0	60.0

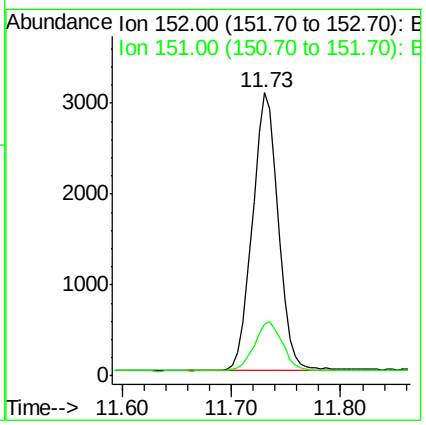


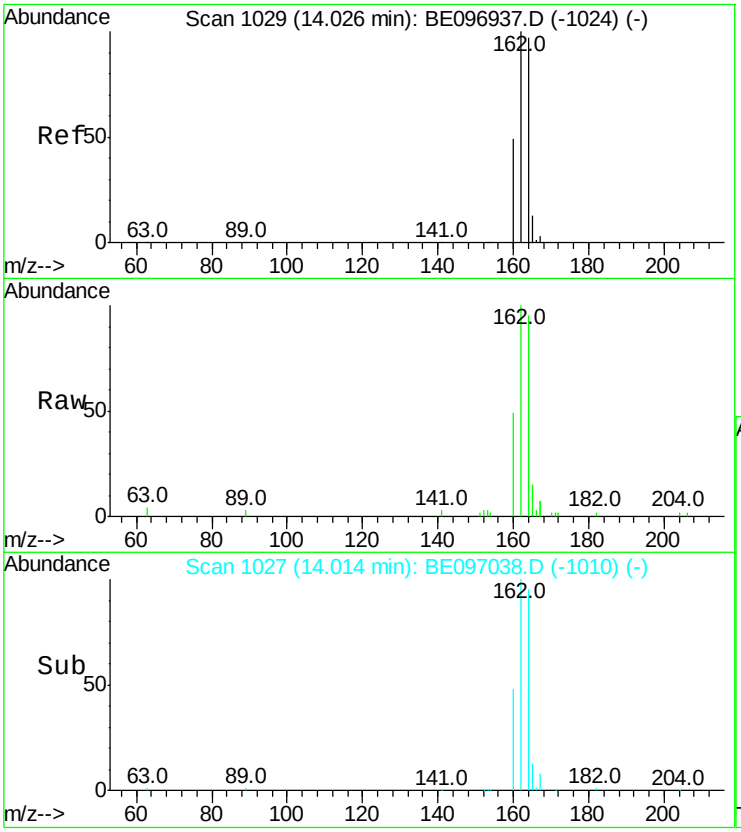


#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:152 Resp: 4970

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0



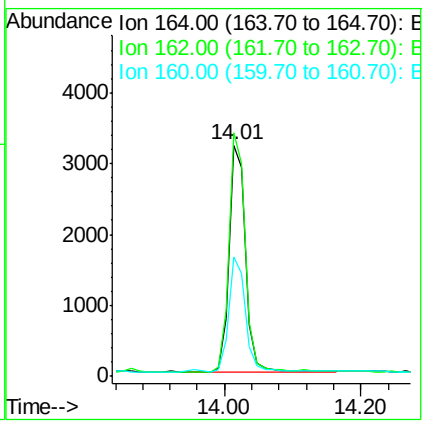


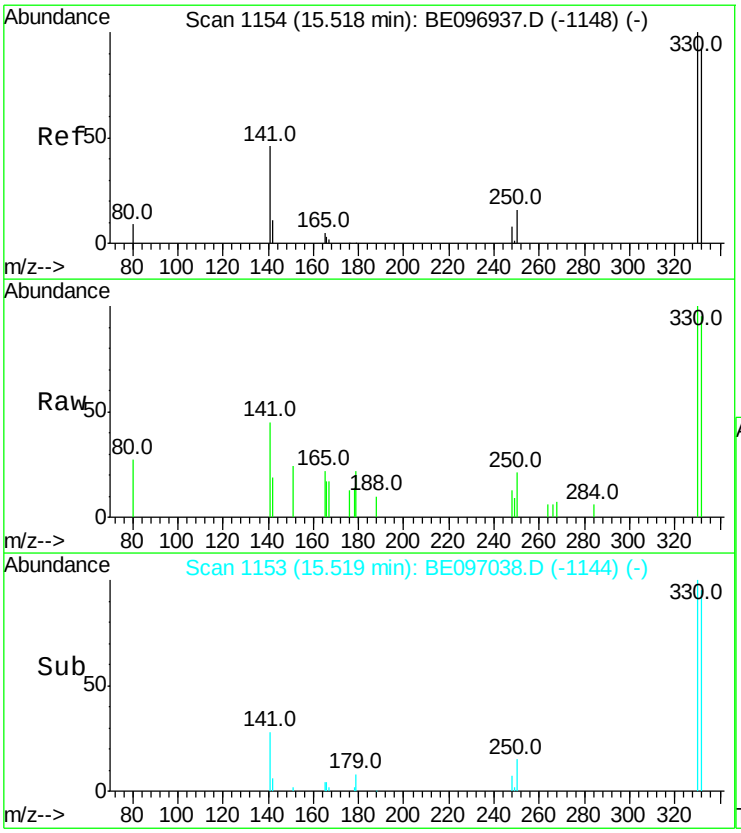
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:164 Resp: 5447

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.1	124.7
160	51.9	37.1	55.7

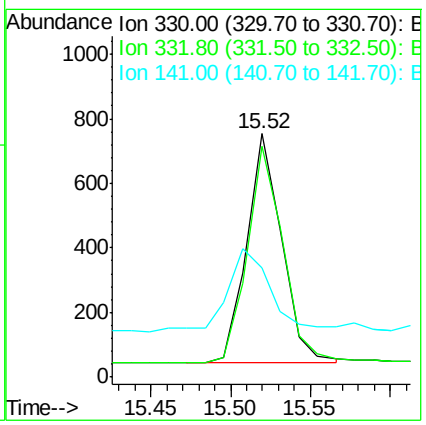


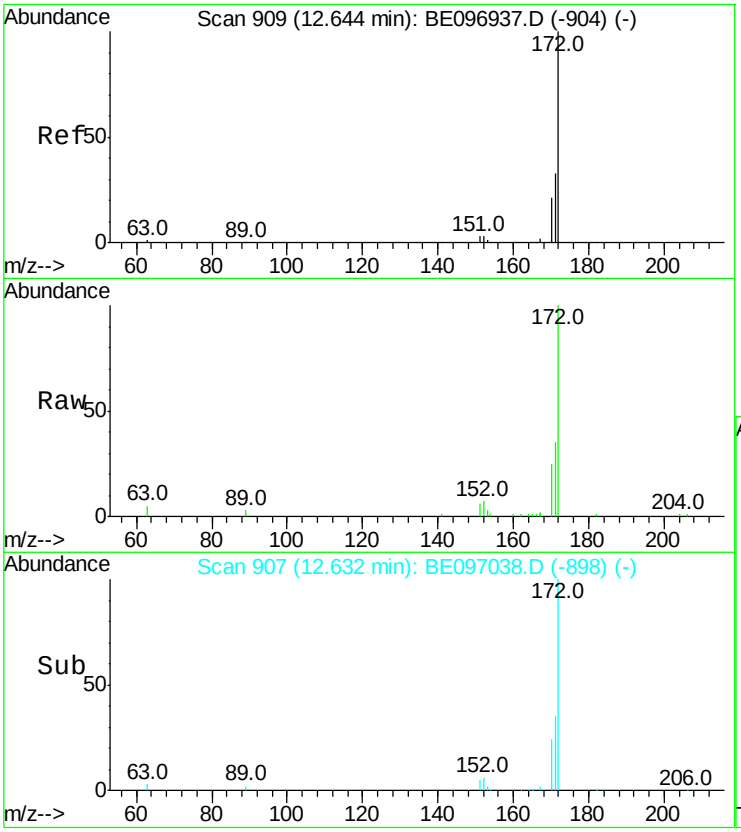


#14
2,4,6-Tribromophenol
Concen: 0.788 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:330 Resp: 1073

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	45.4	33.7	50.5



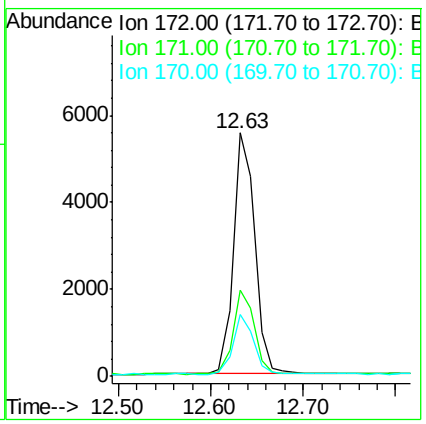


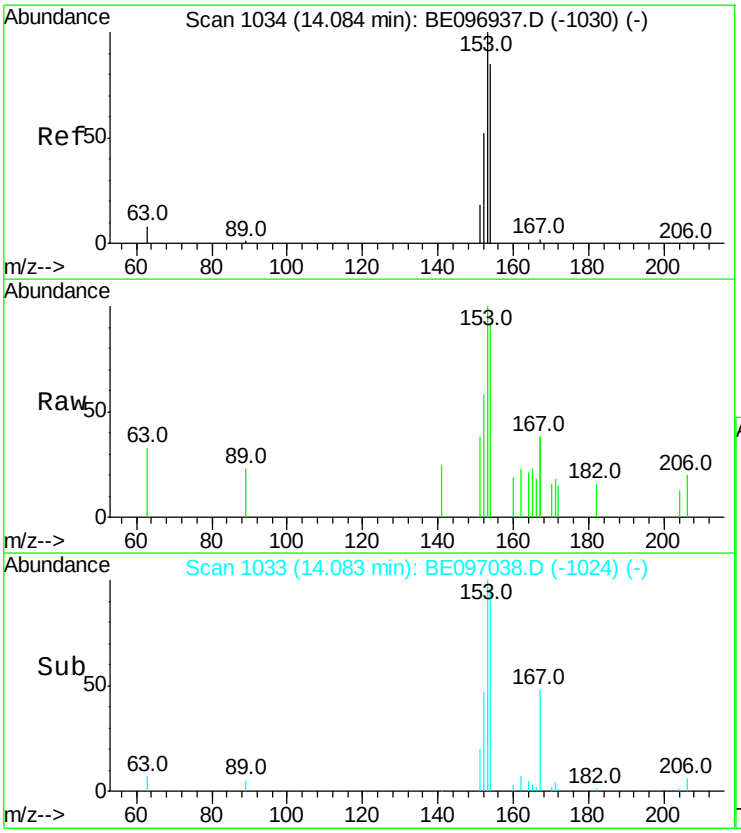
#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:172 Resp: 8942

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	25.2	21.8	32.8

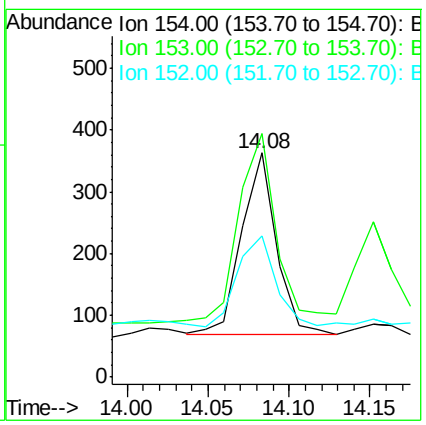


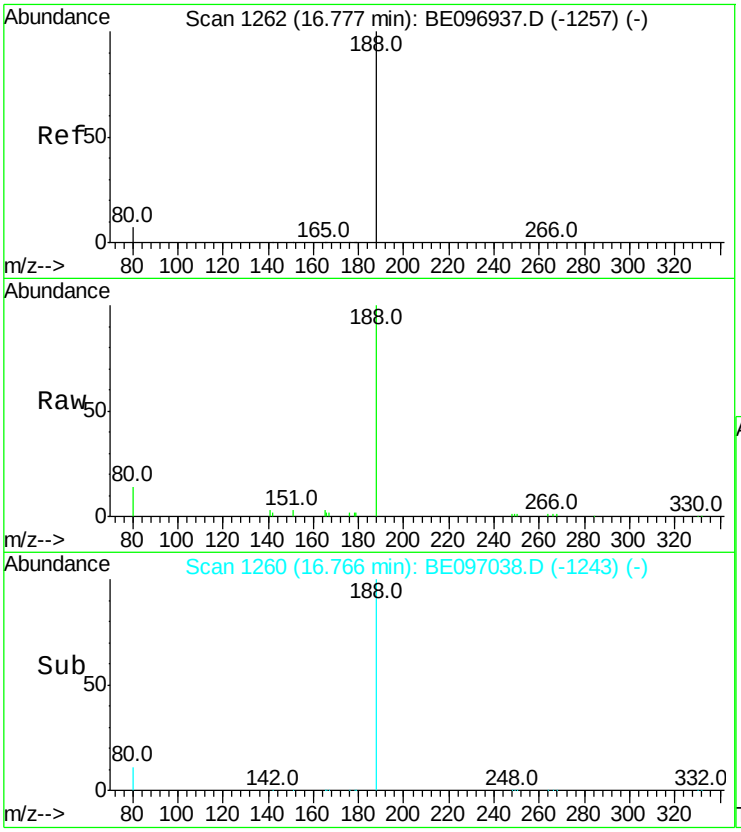


#17
Acenaphthene
Concen: 0.029 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:154 Resp: 442

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.2	133.8
152	54.3	42.0	63.0



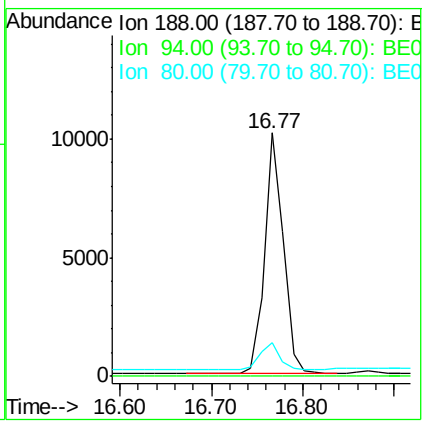


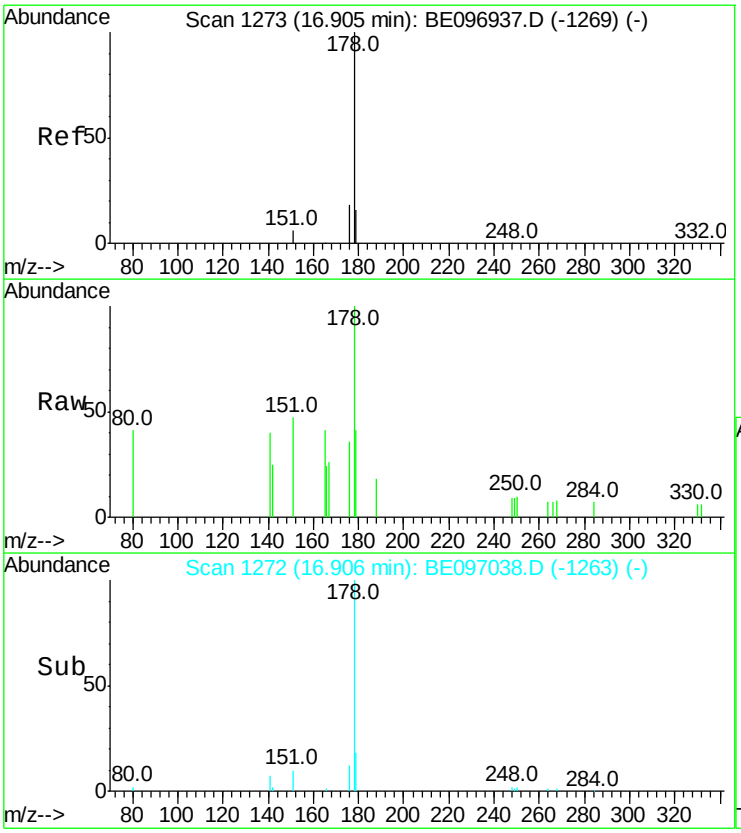
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:188 Resp: 14558

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.0	3.6	5.4#

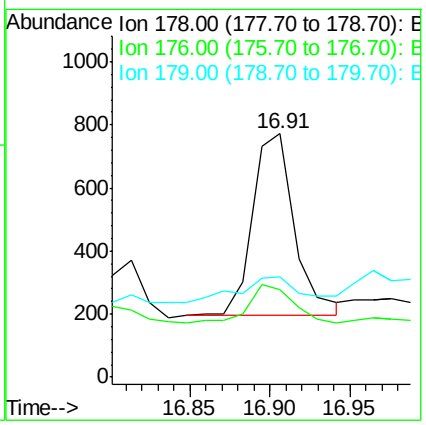


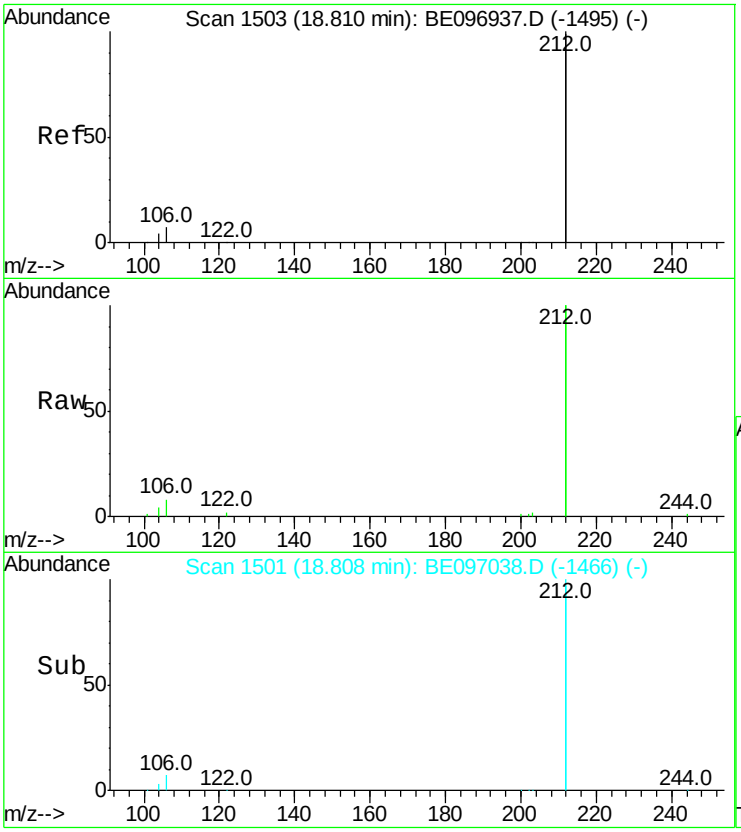


#24
Anthracene
Concen: 0.035 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:178 Resp: 1048

Ion	Ratio	Lower	Upper
178	100		
176	23.0	12.8	19.2#
179	20.1	13.0	19.6#



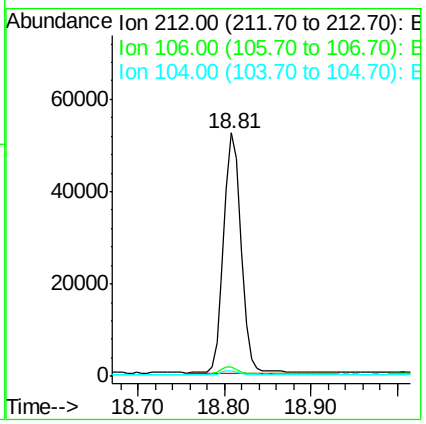


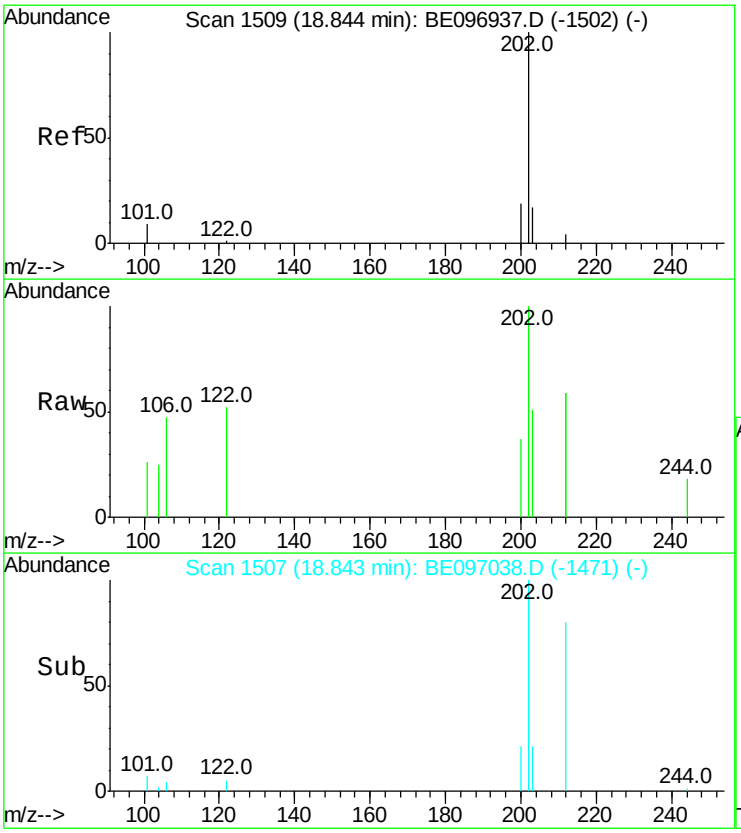
#25
Fluoranthene-d10
Concen: 0.574 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:212 Resp: 72692

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.7	1.6	2.4

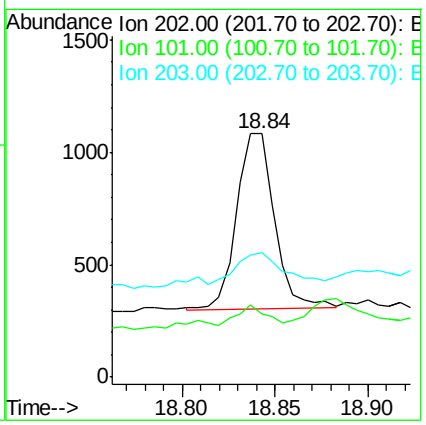


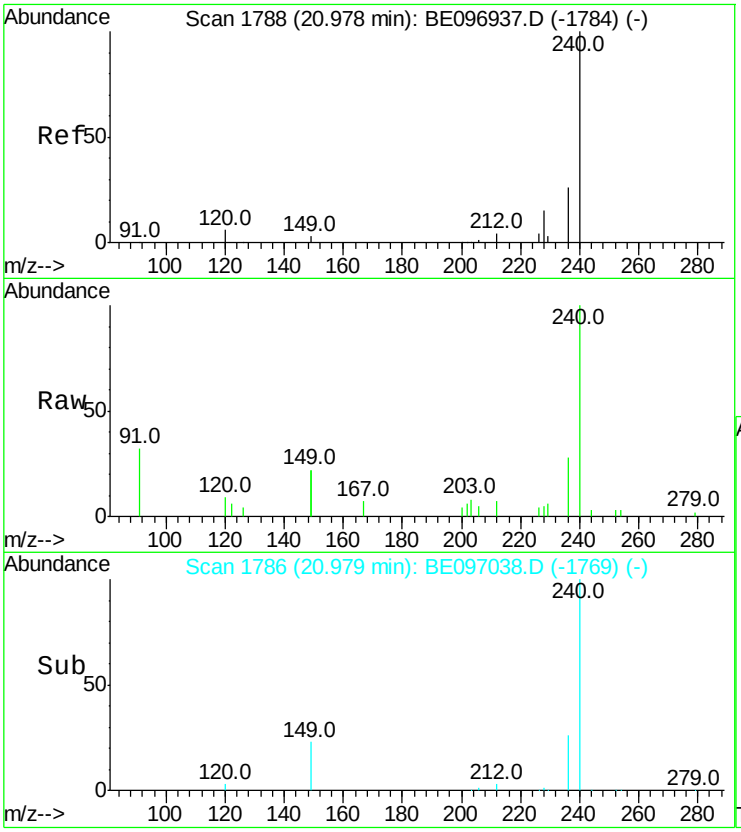


#26
Fluoranthene
Concen: 0.030 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:202 Resp: 1119

Ion	Ratio	Lower	Upper
202	100		
101	8.4	9.8	14.8#
203	22.9	13.7	20.5#



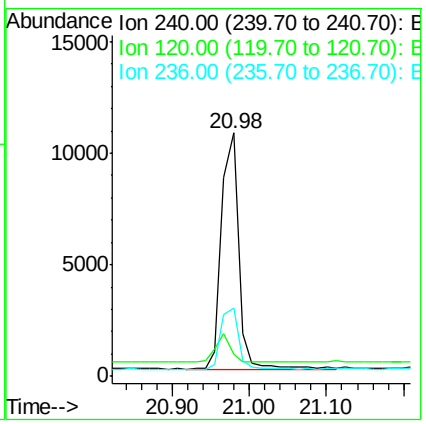


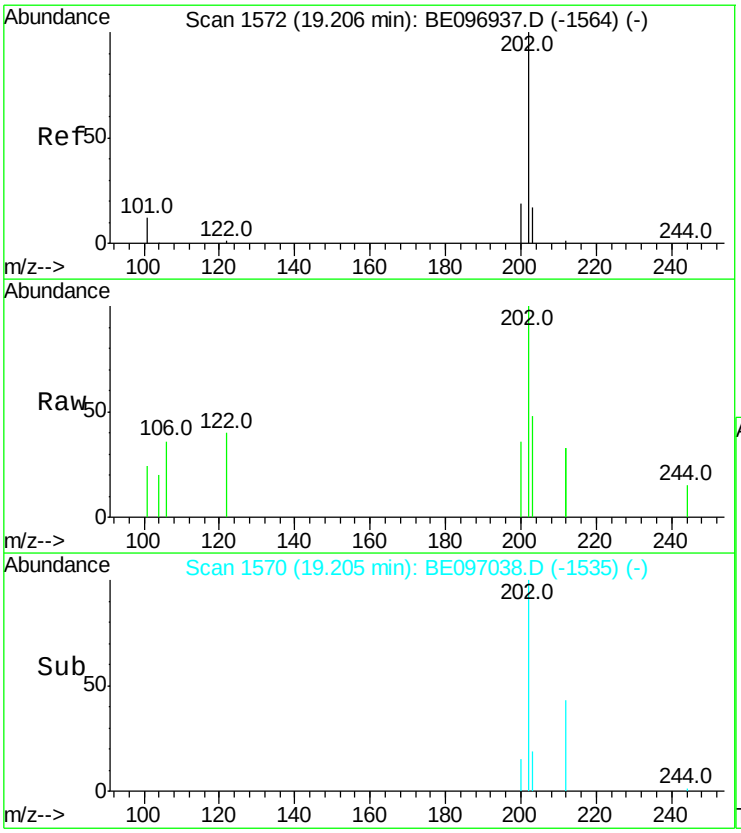
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:240 Resp: 16409

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.5	8.3#
236	27.8	20.7	31.1

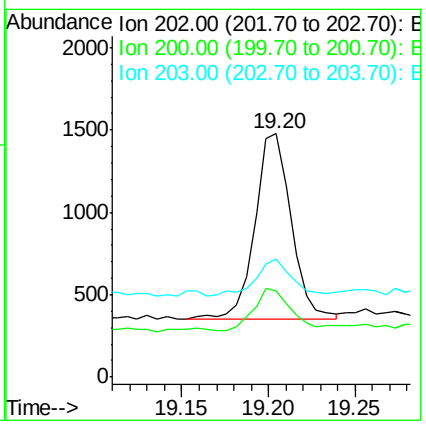


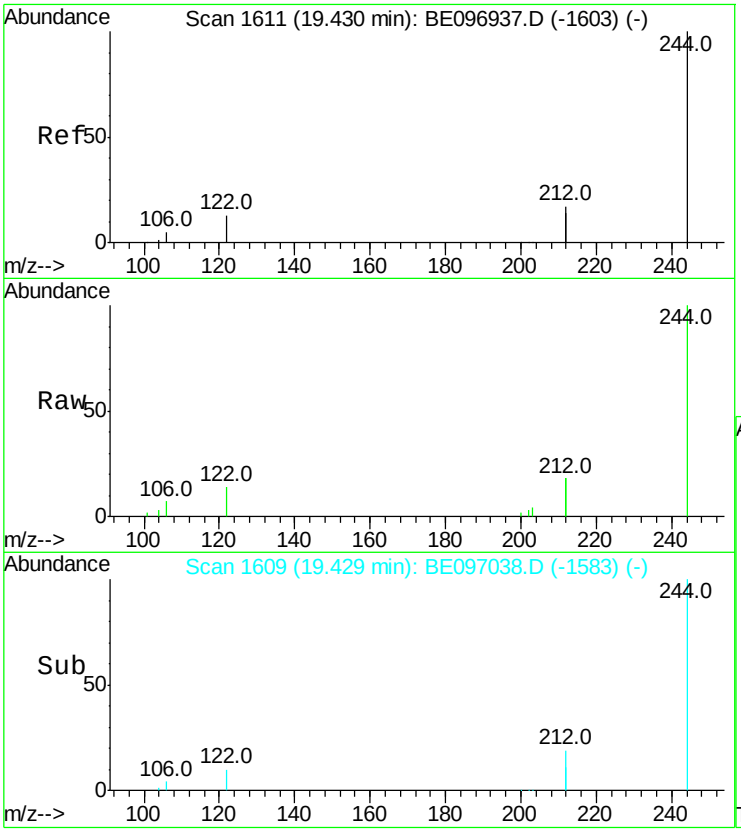


#28
Pyrene
Concen: 0.034 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:202 Resp: 1633

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.6	25.0
203	19.8	13.8	20.8



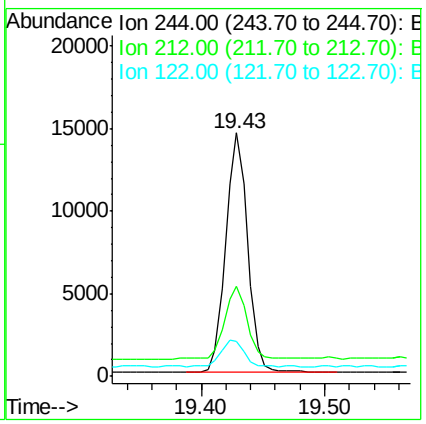


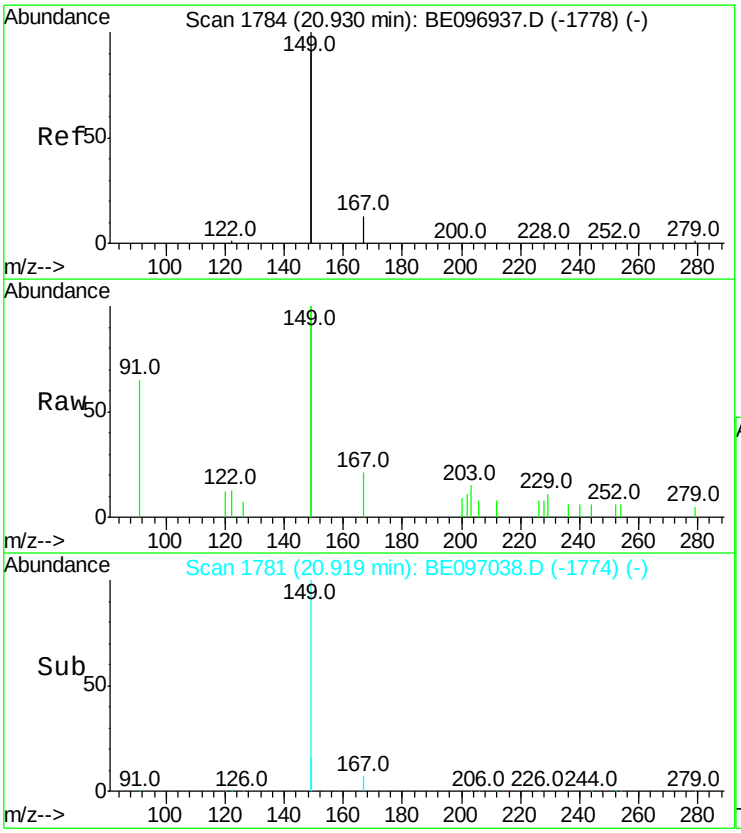
#29
Terphenyl-d14
Concen: 0.568 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:244 Resp: 17979

Ion	Ratio	Lower	Upper
244	100		
212	36.8	25.4	38.0
122	14.2	8.1	12.1#

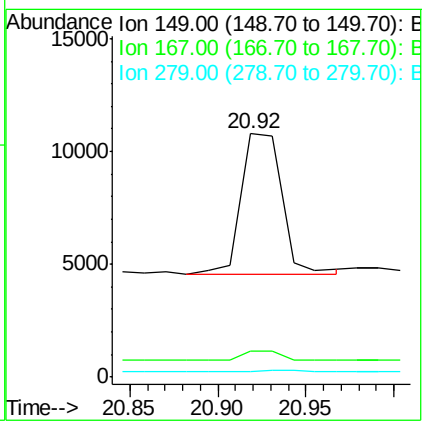


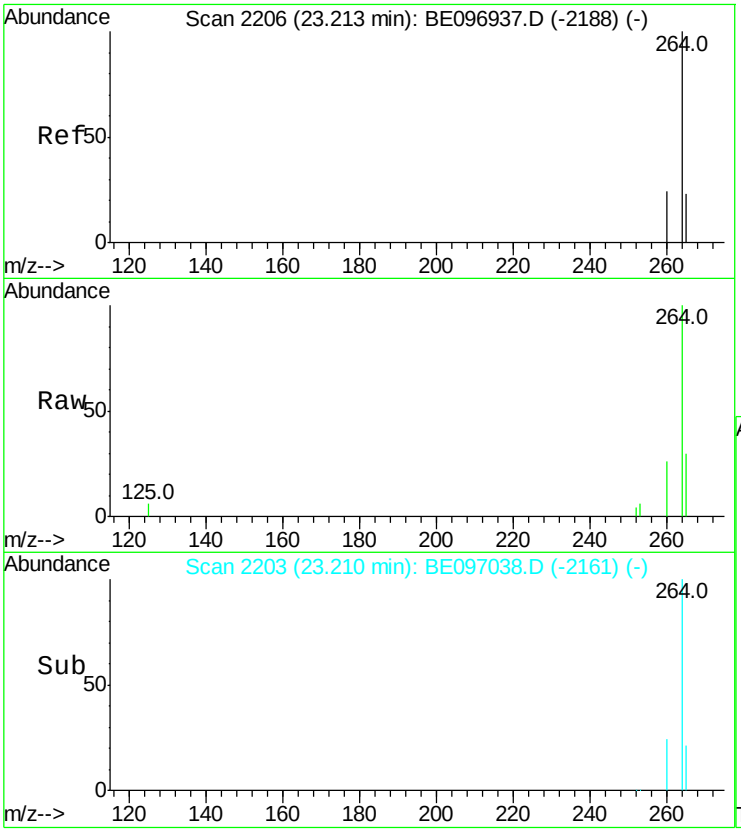


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.254 ng
RT: 20.92 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Tgt Ion:149 Resp: 9918

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.3	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097038.D
Acq: 23 Jul 2018 15:57

Instrument :
BNA_E
ClientSampleId :
YT-MW-1

Tgt Ion:264 Resp: 15209

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	29.9	22.8	34.2