Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097604.D
Acq On : 21 Sep 2018 10:28
Operator : SJ/JU
Sample : J4892-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PR-MW-03-091218

Quant Time: Sep 21 13:43:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	742	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	3868	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	3867	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	7178	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9677	0.40	ng	0.00
34) Perylene-d12	23.20	264	9444	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	505	0.23	ng	0.00
5) Phenol-d6	6.59	99	356	0.13	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1165	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.70	152	2497	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	15.51	330	691	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.61	172	4485	0.33	ng	-0.01
25) Fluoranthene-d10	18.79	212	44867	0.49	ng	-0.01
29) Terphenyl-d14	19.41	244	10975	0.62	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.17	128	42053	1.207	ng	# 90
12) 2-Methylnaphthalene	11.78	142	115909	21.323	ng	98
17) Acenaphthene	14.06	154	1408	0.137	ng	# 47
18) Fluorene	15.05	166	5364	0.401	ng	# 78
23) Phenanthrene	16.79	178	2185	0.128	ng	# 92
32) Bis(2-ethylhexyl)phthalate	20.89	149	6127	0.160	ng	100

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

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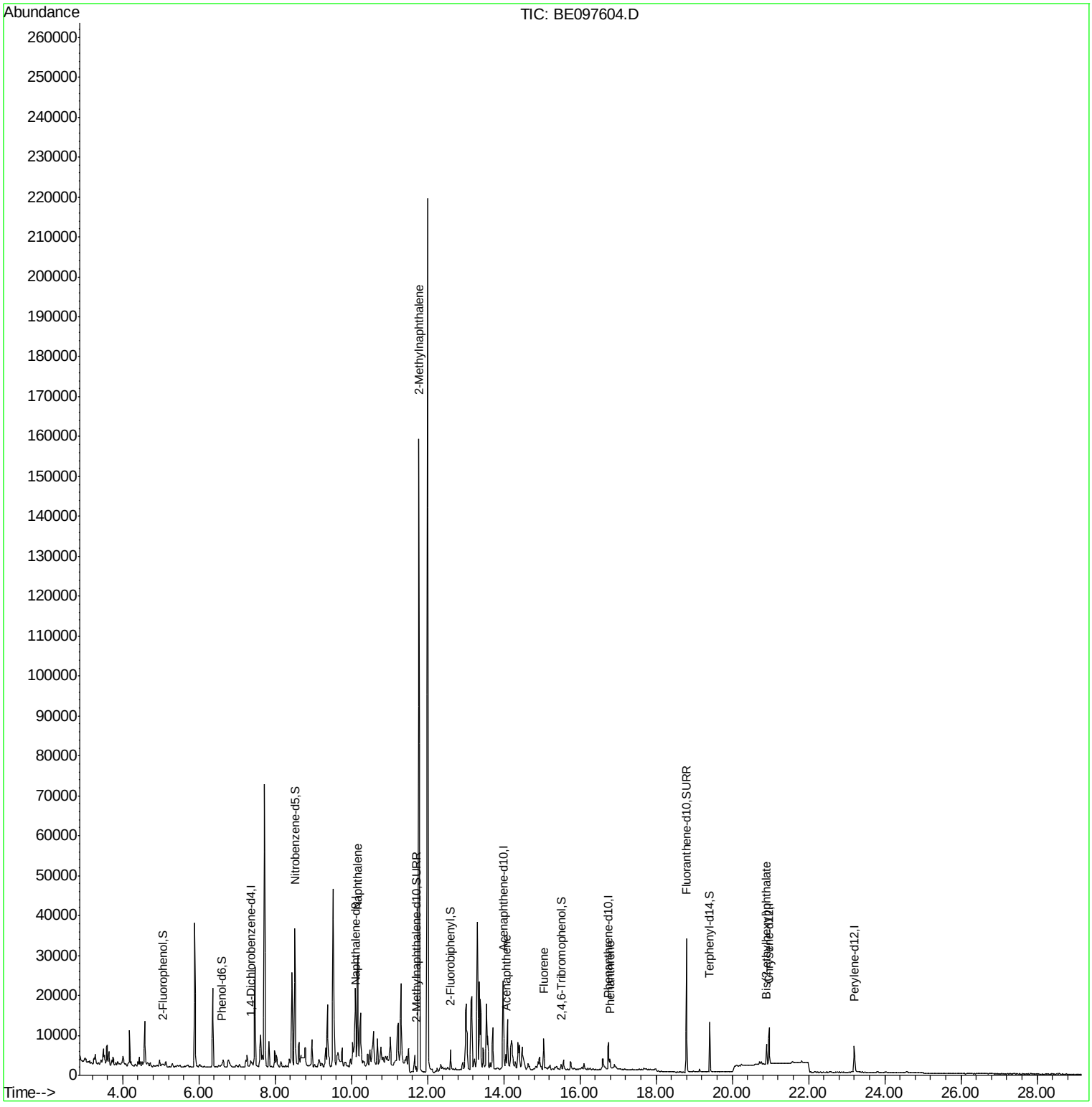
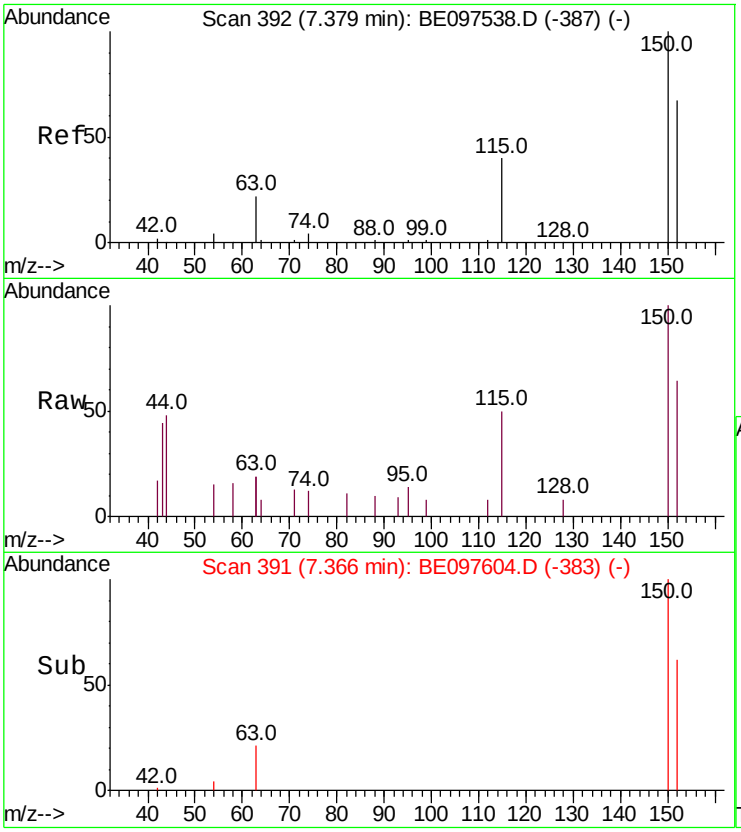
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



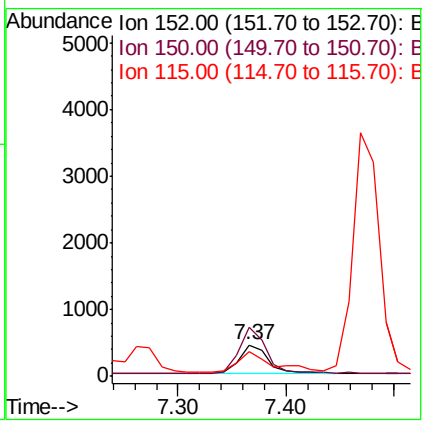


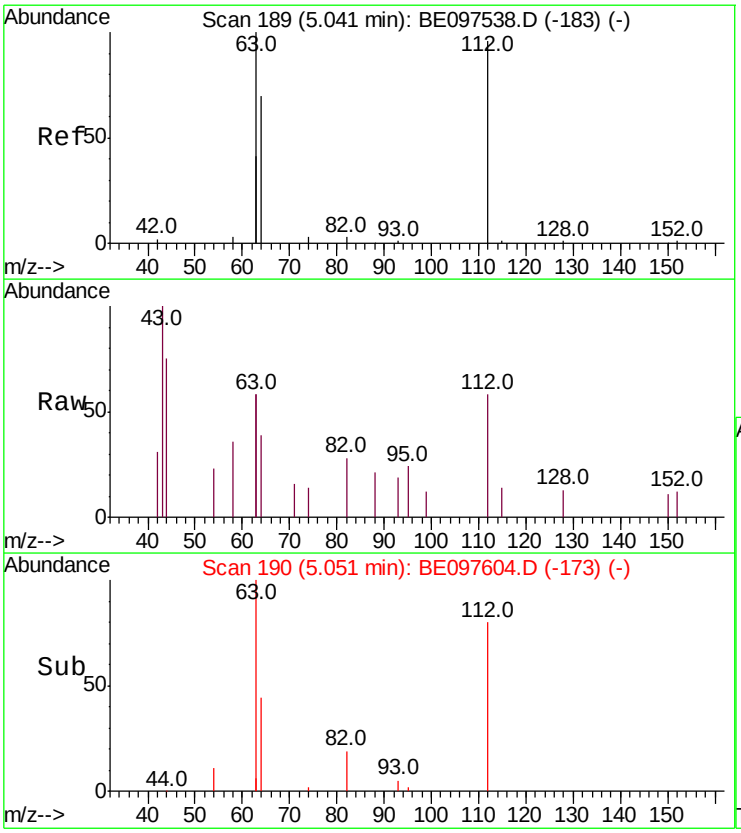
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:152 Resp: 742

Ion	Ratio	Lower	Upper
152	100		
150	155.3	117.2	175.8
115	77.8	57.0	85.6

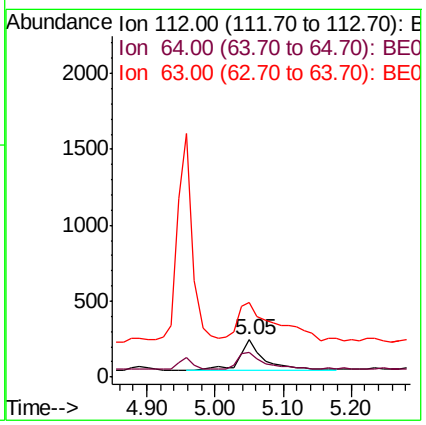


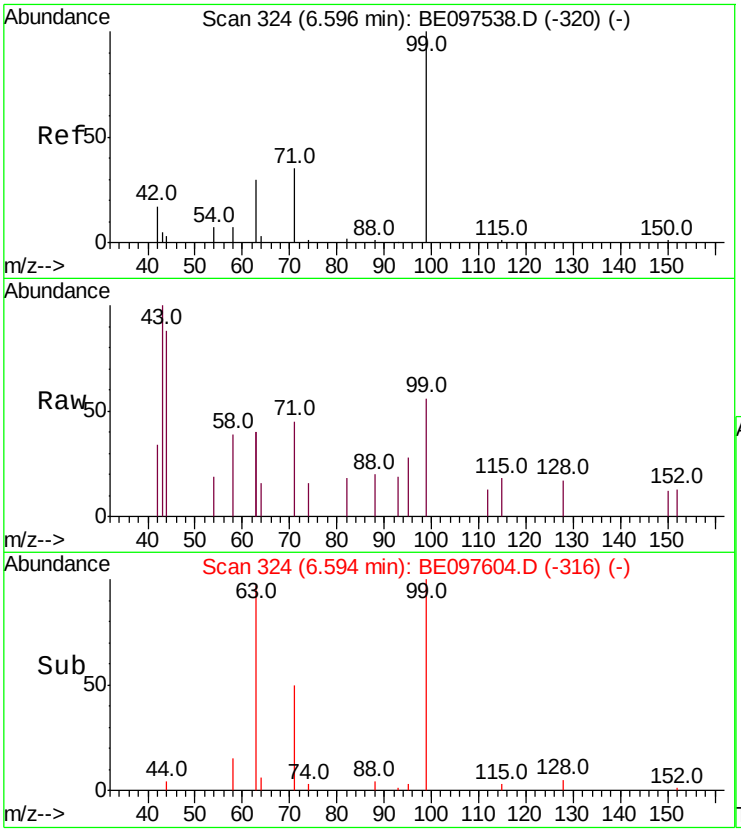


#4
2-Fluorophenol
Concen: 0.227 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:112 Resp: 505

Ion	Ratio	Lower	Upper
112	100		
64	57.8	60.1	90.1#
63	192.5	116.8	175.2#



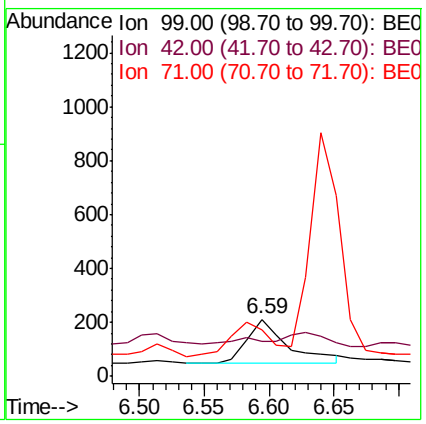


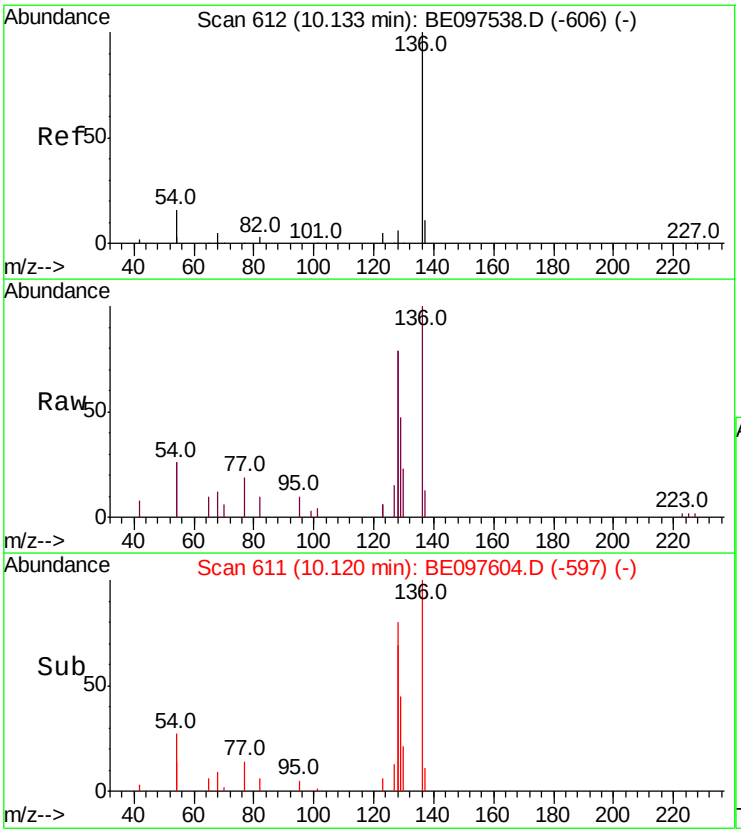
#5
Phenol-d6
Concen: 0.125 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion: 99 Resp: 356

Ion	Ratio	Lower	Upper
99	100		
42	11.0	20.2	30.2#
71	78.1	28.4	42.6#

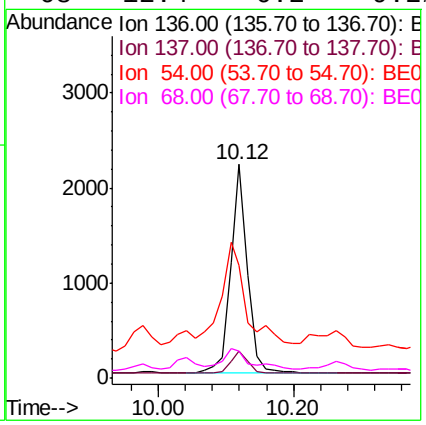


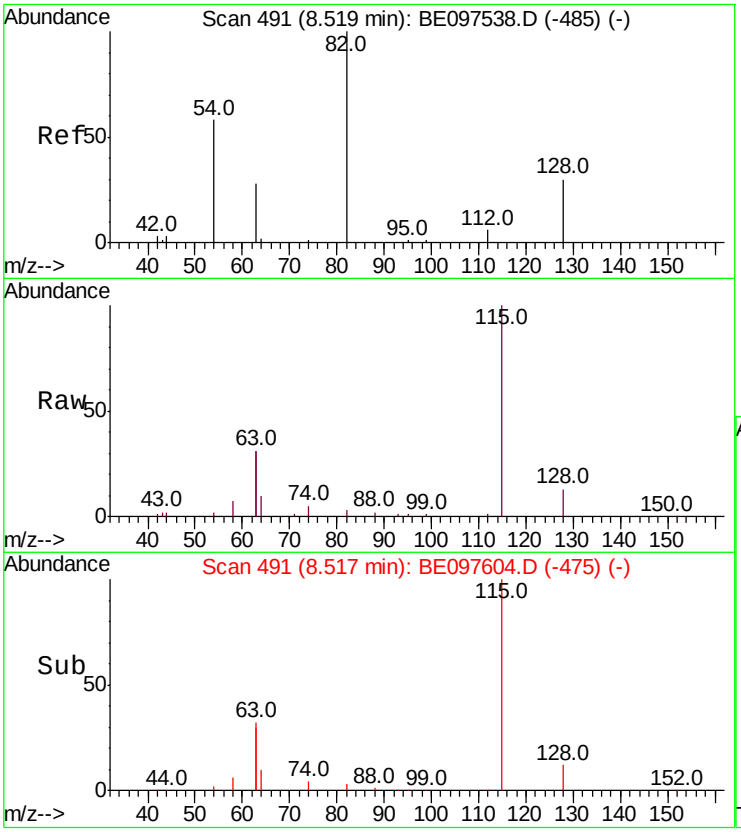


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:136 Resp: 3868

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	52.7	29.1	43.7#
68	12.4	6.2	9.2#



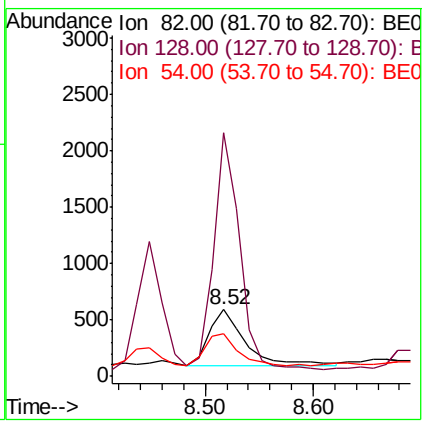


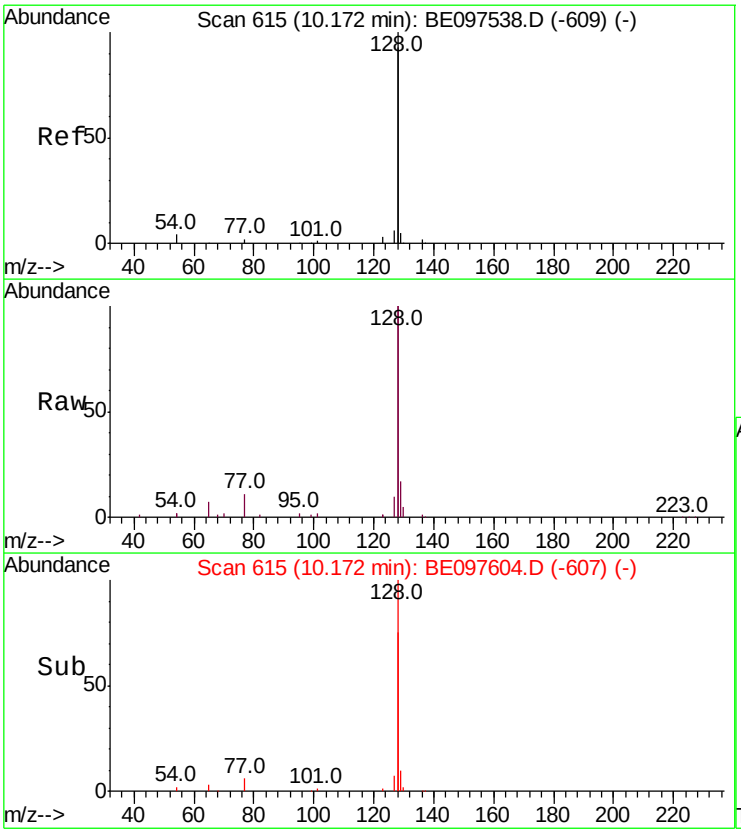
#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion: 82 Resp: 1165

Ion	Ratio	Lower	Upper
82	100		
128	365.9	24.0	36.0#
54	63.7	40.0	60.0#

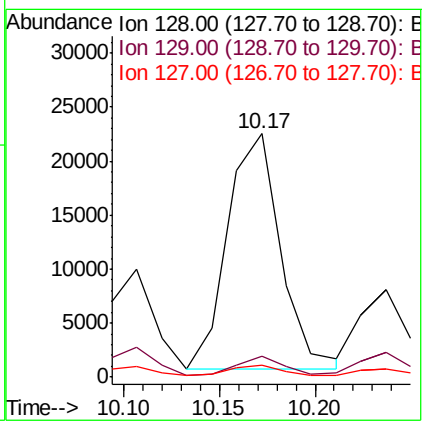


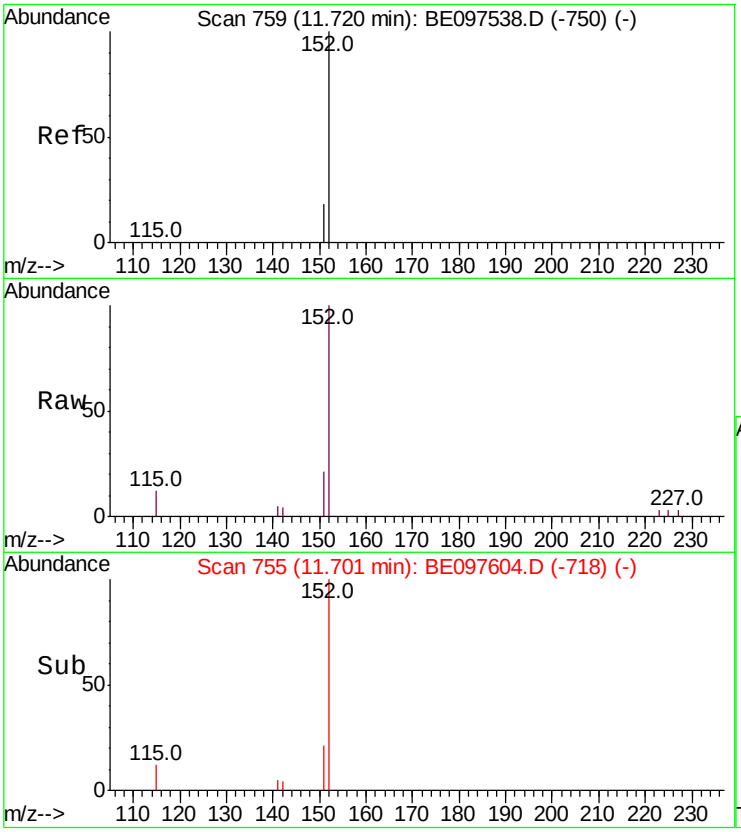


#9
Naphthalene
Concen: 1.207 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:128 Resp: 42053

Ion	Ratio	Lower	Upper
128	100		
129	8.4	2.6	3.8#
127	4.9	2.8	4.2#



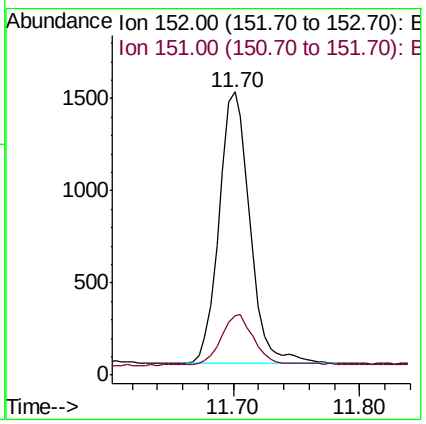


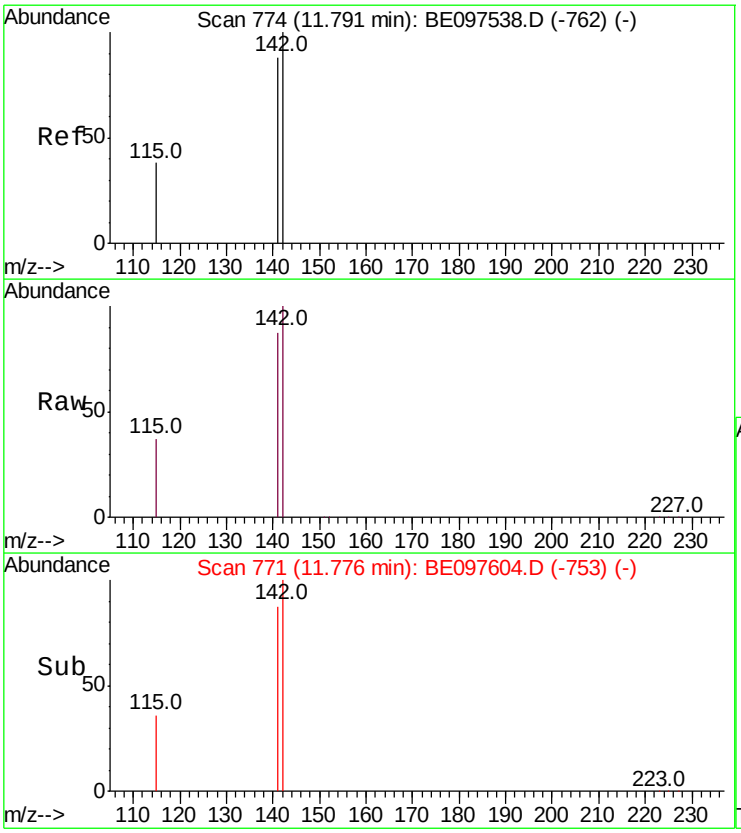
#11
2-Methylnaphthalene-d10
Concen: 0.468 ng
RT: 11.70 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:152 Resp: 2497

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

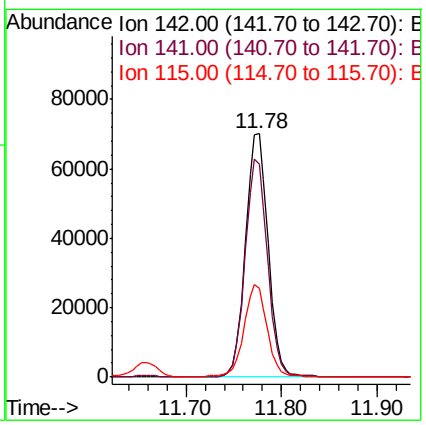


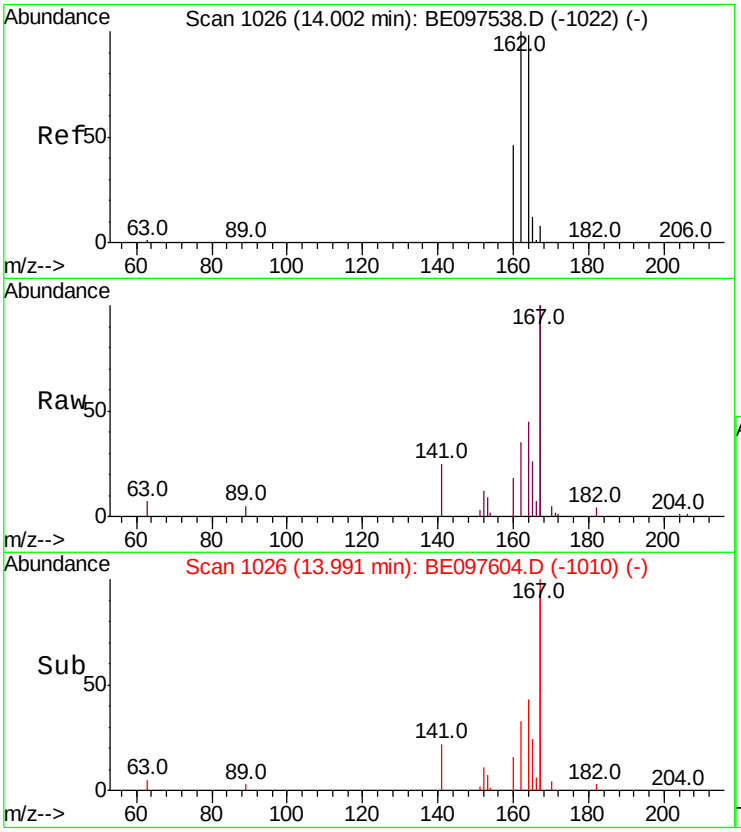


#12
2-Methylnaphthalene
Concen: 21.323 ng
RT: 11.78 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:142 Resp: 115909

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	36.5	31.7	47.5



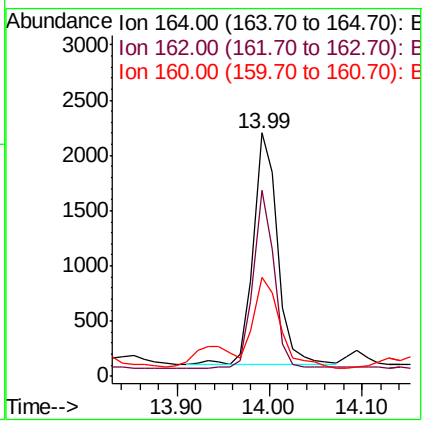


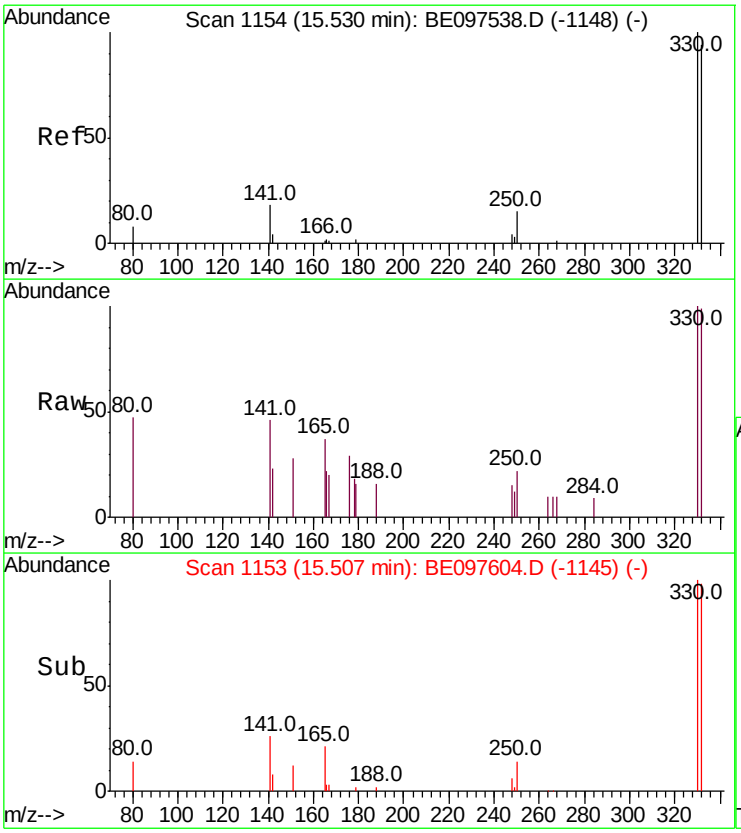
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:164 Resp: 3867

Ion	Ratio	Lower	Upper
164	100		
162	76.6	83.1	124.7#
160	40.6	37.1	55.7

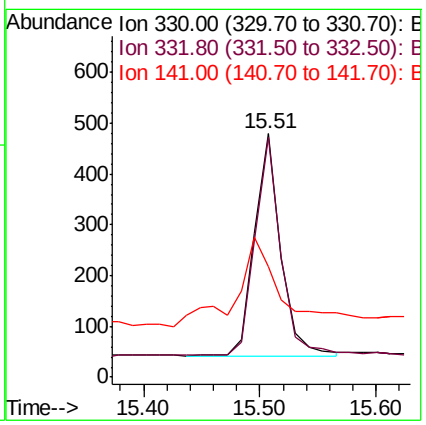


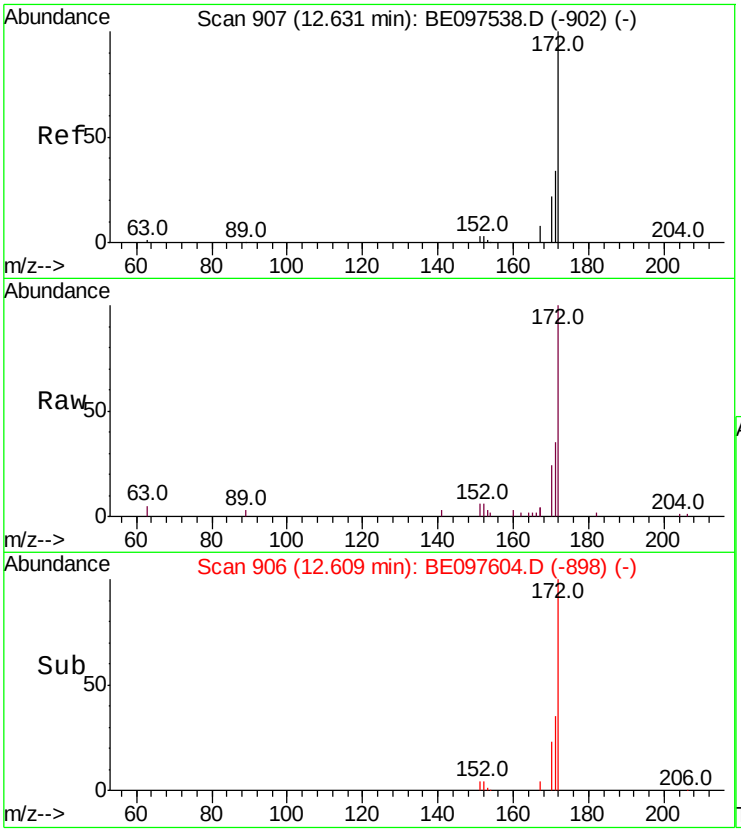


#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:330 Resp: 691

Ion	Ratio	Lower	Upper
330	100		
332	95.4	152.7	229.1#
141	64.1	33.7	50.5#



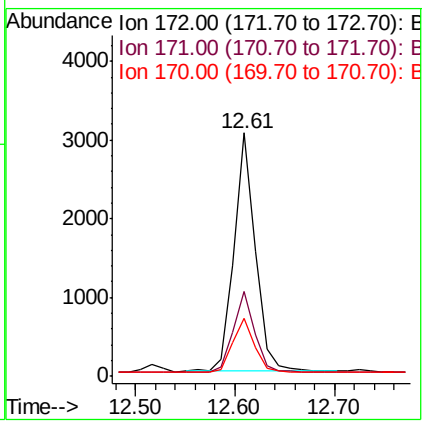


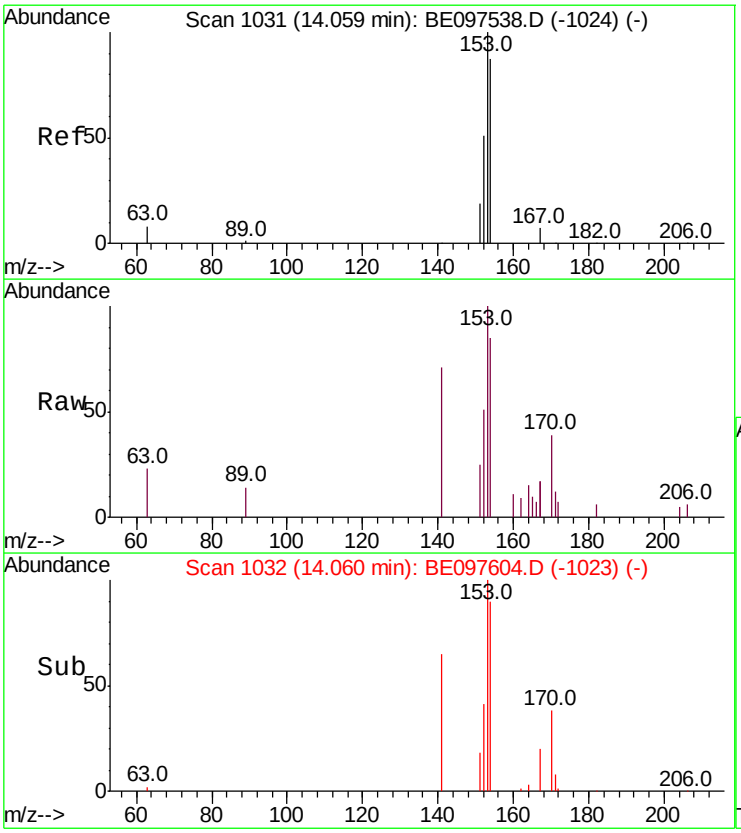
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:172 Resp: 4485

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.8	21.8	32.8

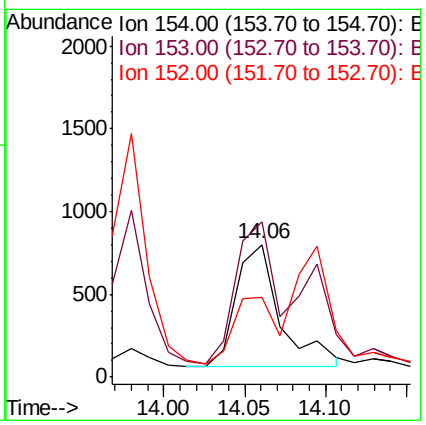


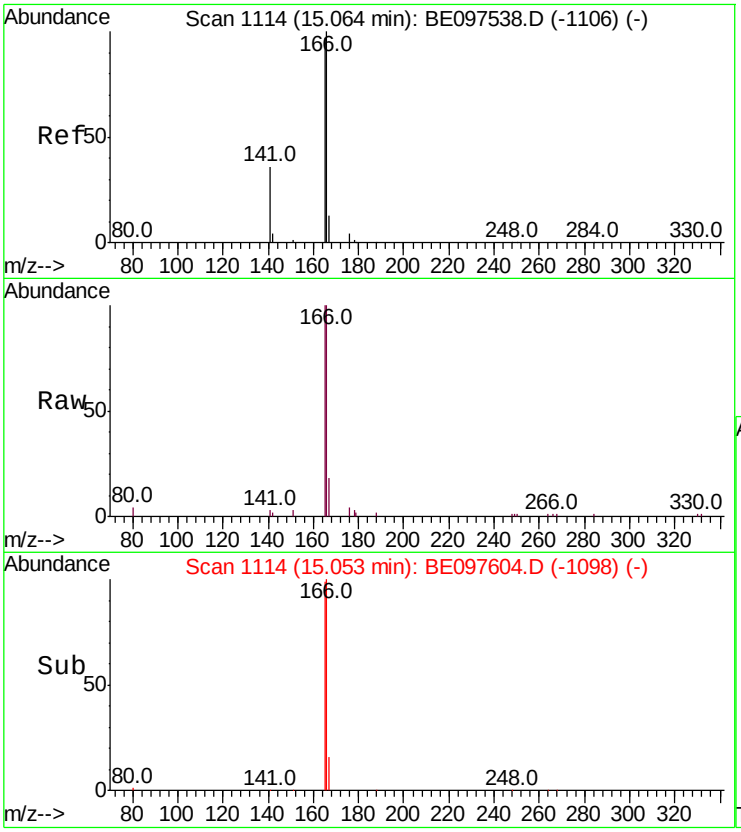


#17
Acenaphthene
Concen: 0.137 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:154 Resp: 1408

Ion	Ratio	Lower	Upper
154	100		
153	157.2	89.2	133.8#
152	0.0	42.0	63.0#



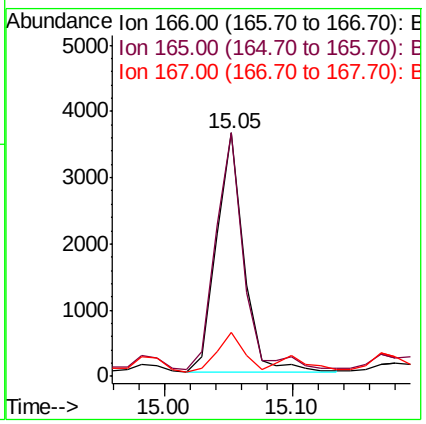


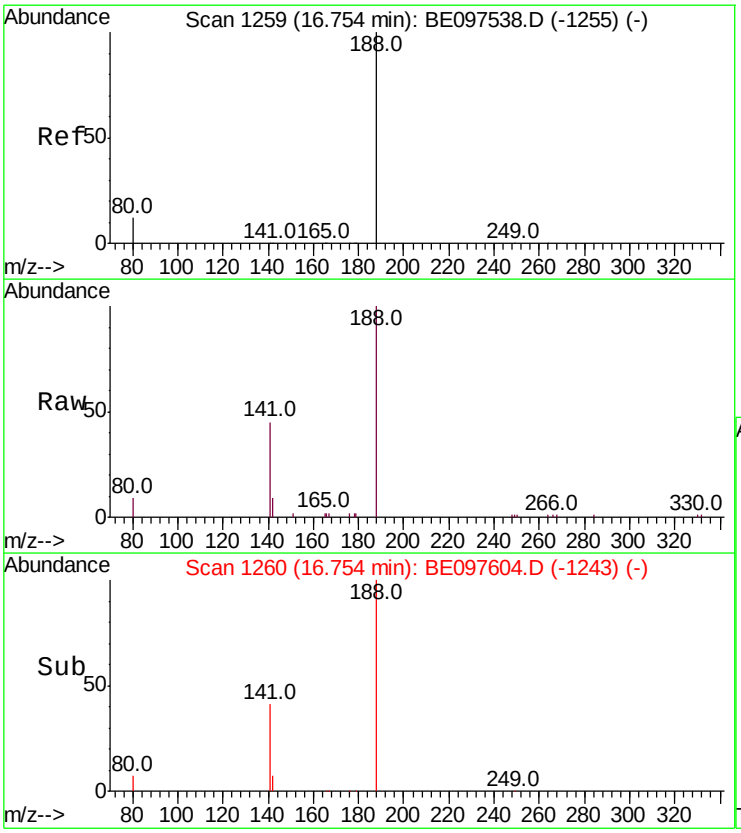
#18
Fluorene
Concen: 0.401 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:166 Resp: 5364

Ion	Ratio	Lower	Upper
166	100		
165	102.1	77.8	116.6
167	16.1	42.4	63.6#

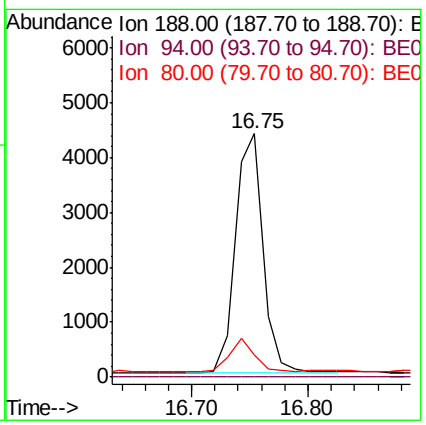


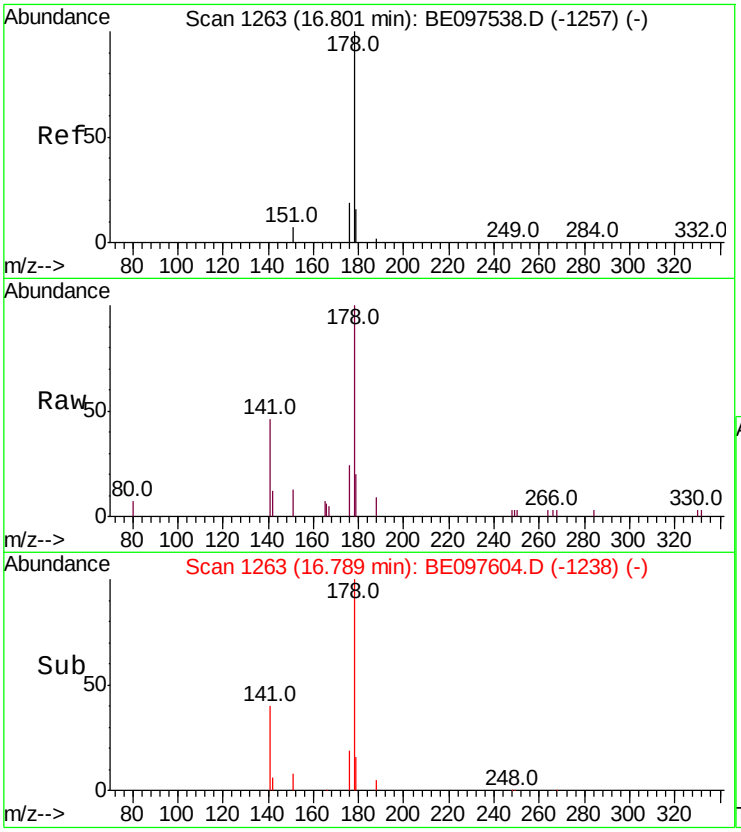


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:188 Resp: 7178

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#



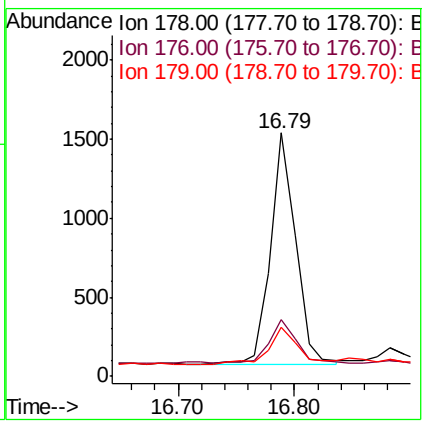


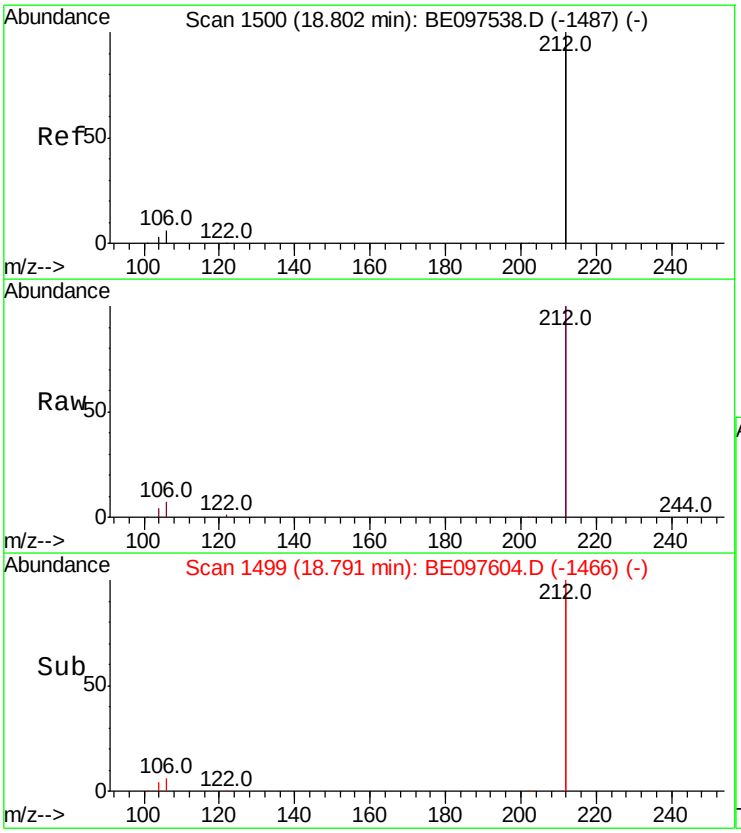
#23
Phenanthrene
Concen: 0.128 ng
RT: 16.79 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:178 Resp: 2185

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.1	22.7
179	19.5	11.8	17.6#

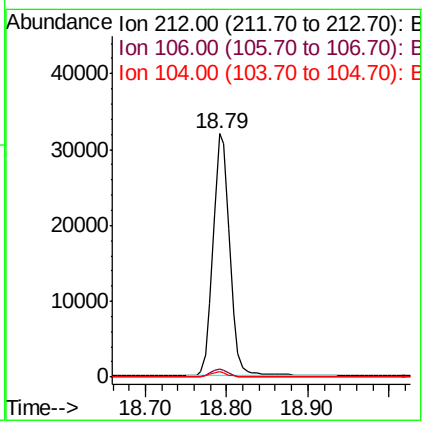


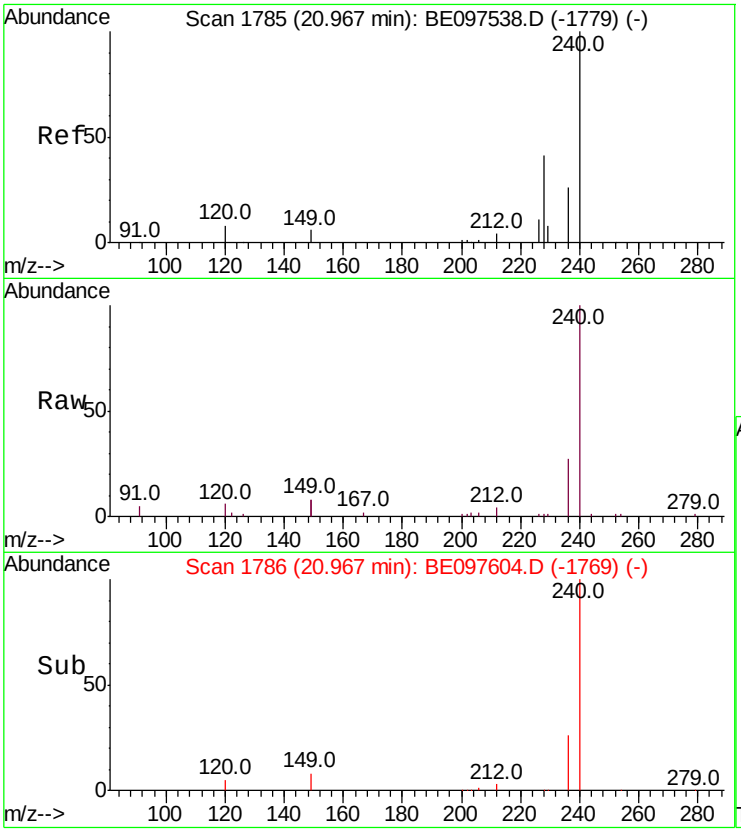


#25
Fluoranthene-d10
Concen: 0.488 ng
RT: 18.79 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:212 Resp: 44867

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4



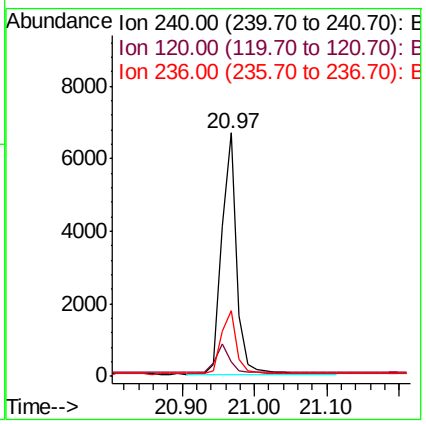


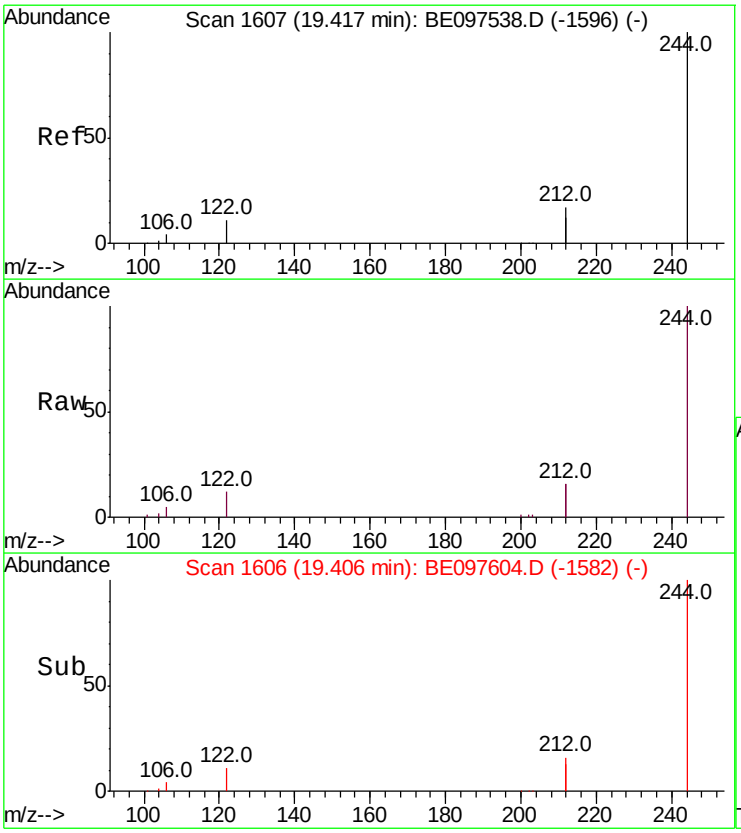
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:240 Resp: 9677

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.5	8.3
236	27.2	20.7	31.1

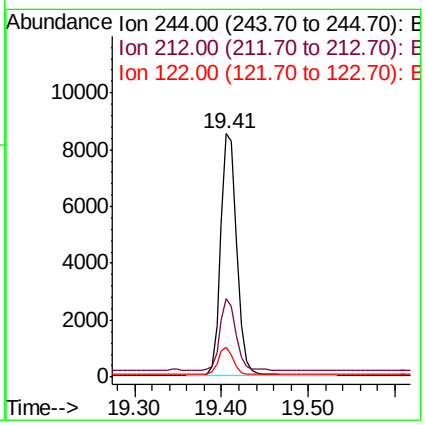


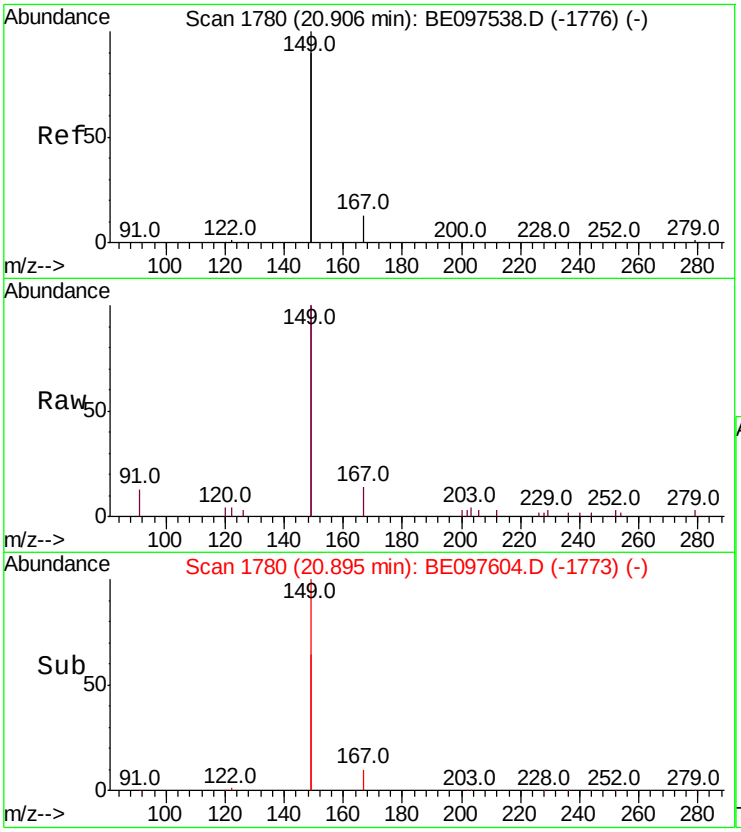


#29
Terphenyl-d14
Concen: 0.620 ng
RT: 19.41 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:244 Resp: 10975

Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.4	38.0
122	12.3	8.1	12.1#



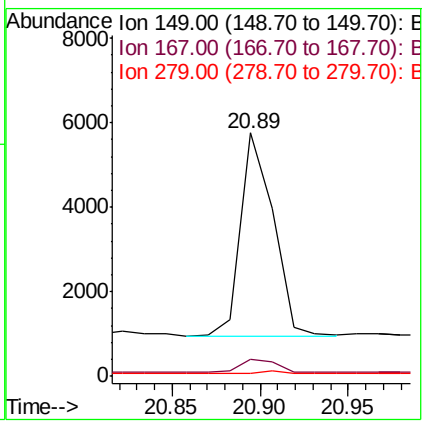


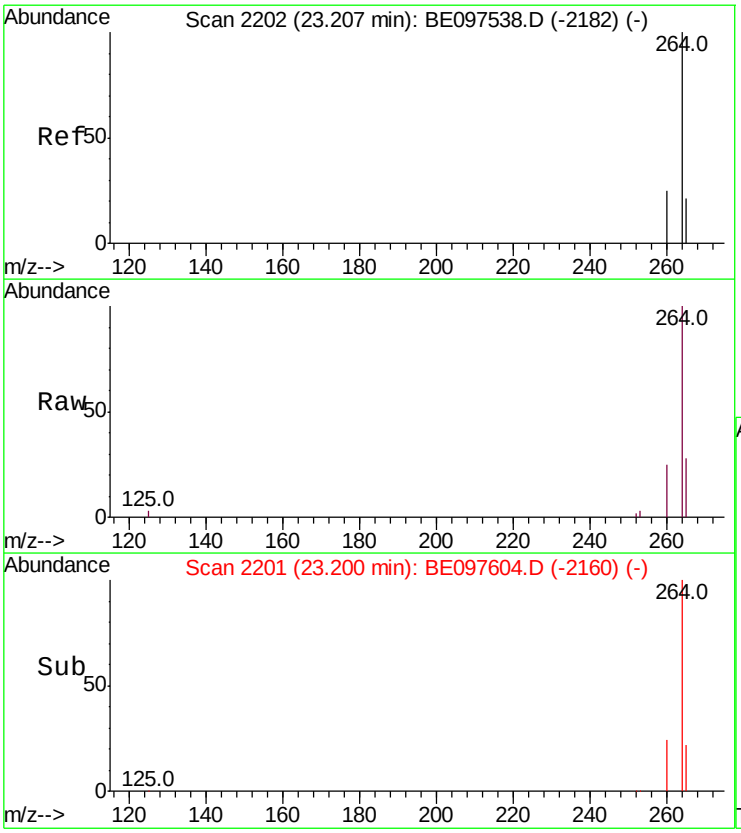
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.160 ng
RT: 20.89 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tgt Ion:149 Resp: 6127

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: 23.20 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:264 Resp: 9444

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.8	22.8	34.2