Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097502.D
Acq On : 17 Sep 2018 18:59
Operator : SJ/JU
Sample : J4892-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-07-091118

Quant Time: Sep 18 06:40:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	998	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4807	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2893	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7682	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9525	0.40	ng	0.00
34) Perylene-d12	23.20	264	9657	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	694	0.21	ng	0.00
5) Phenol-d6	6.60	99	549	0.13	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1722	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3316	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	705	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.61	172	5826	0.58	ng	-0.01
25) Fluoranthene-d10	18.80	212	47640	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	11309	0.62	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.17	128	151813	3.479	ng	99
12) 2-Methylnaphthalene	11.78	142	13854	1.985	ng	99
22) Pentachlorophenol	16.44	266	56	0.156	ng	97
32) Bis(2-ethylhexyl)phthalate	20.91	149	11187	0.210	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
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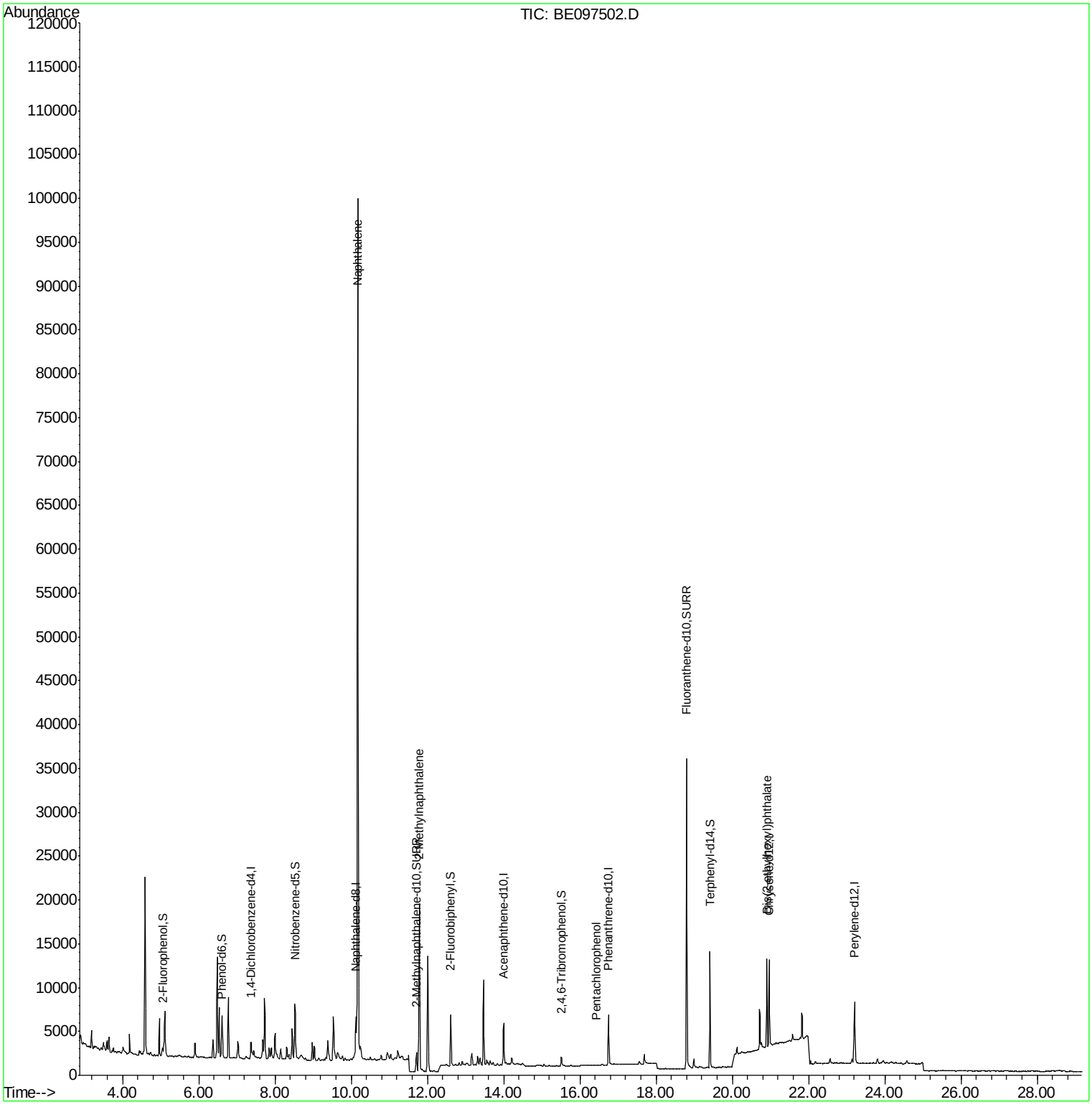
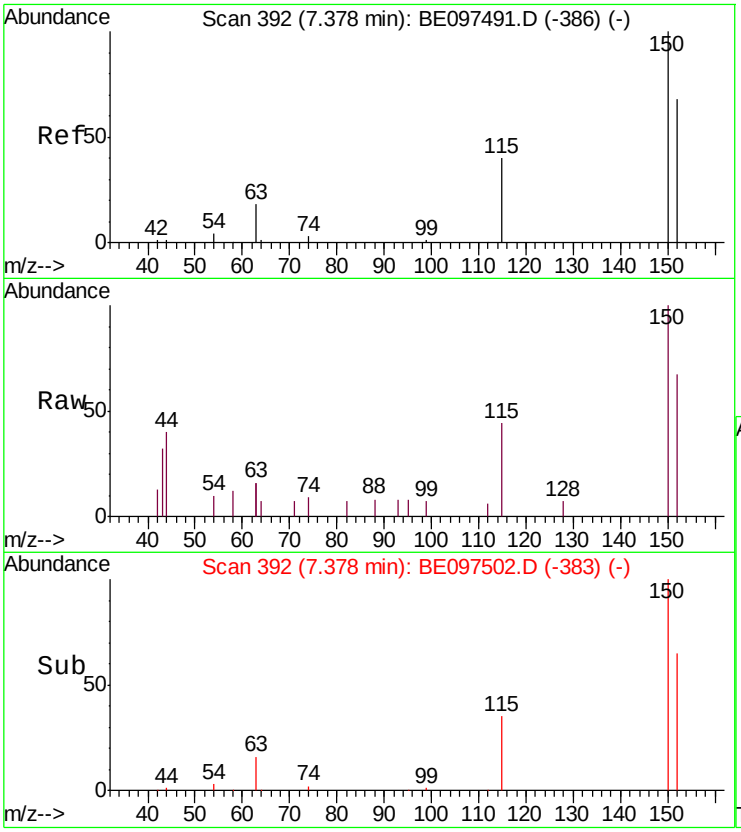


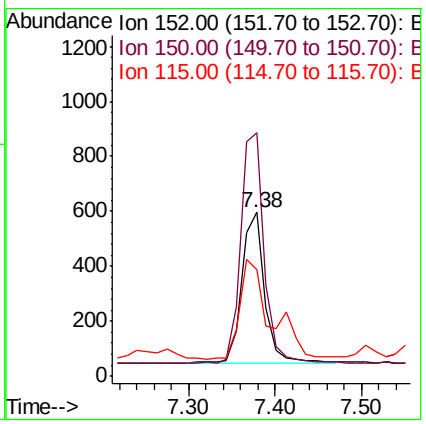


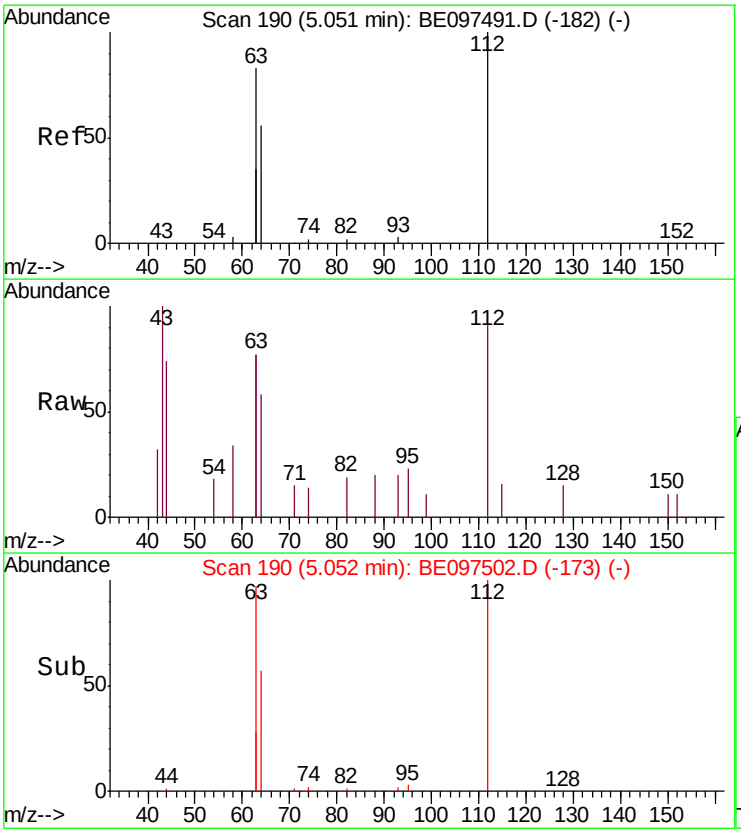
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:152 Resp: 998

Ion	Ratio	Lower	Upper
152	100		
150	148.4	117.2	175.8
115	65.2	57.0	85.6

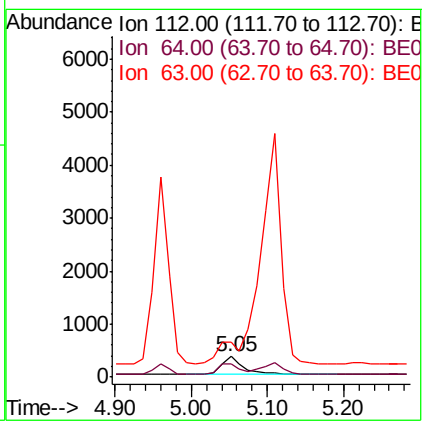


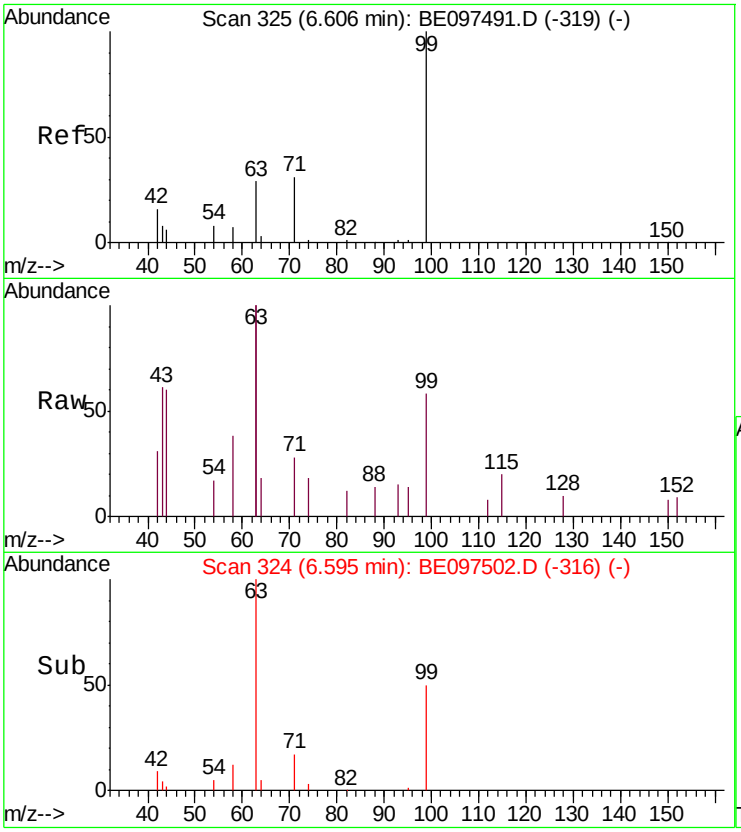


#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:112 Resp: 694

Ion	Ratio	Lower	Upper
112	100		
64	58.4	60.1	90.1#
63	0.0	116.8	175.2#



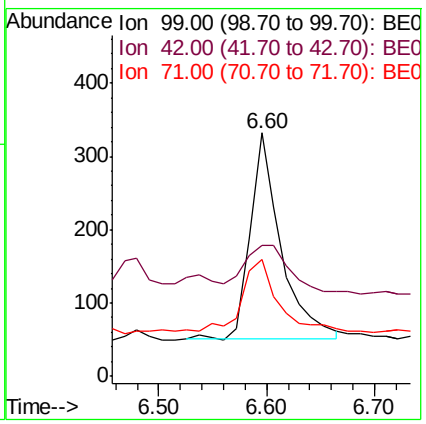


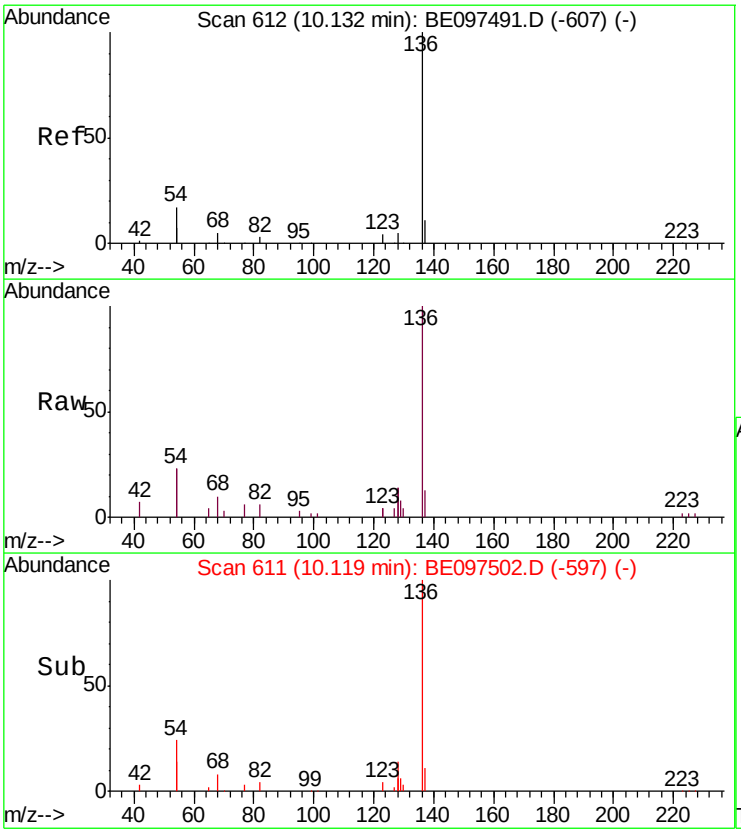
#5
Phenol-d6
Concen: 0.128 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion: 99 Resp: 549

Ion	Ratio	Lower	Upper
99	100		
42	32.4	20.2	30.2#
71	41.0	28.4	42.6

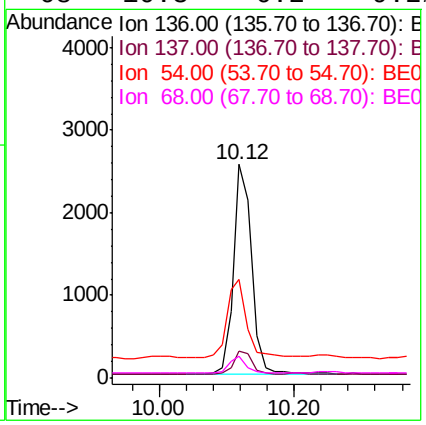


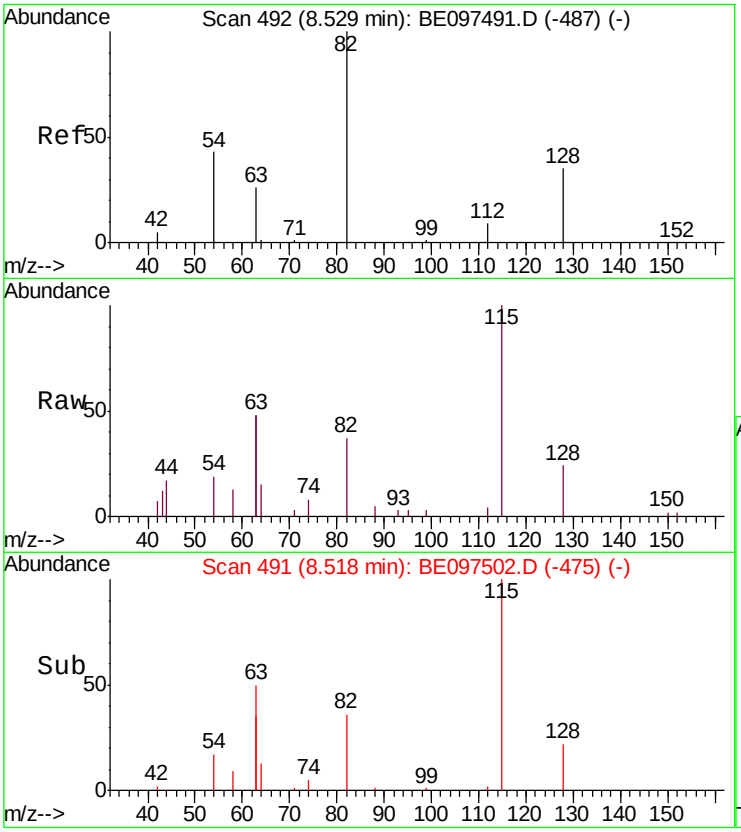


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:136 Resp: 4807

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	46.4	29.1	43.7#
68	10.3	6.2	9.2#



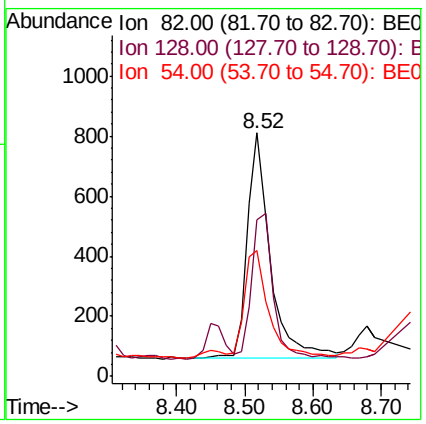


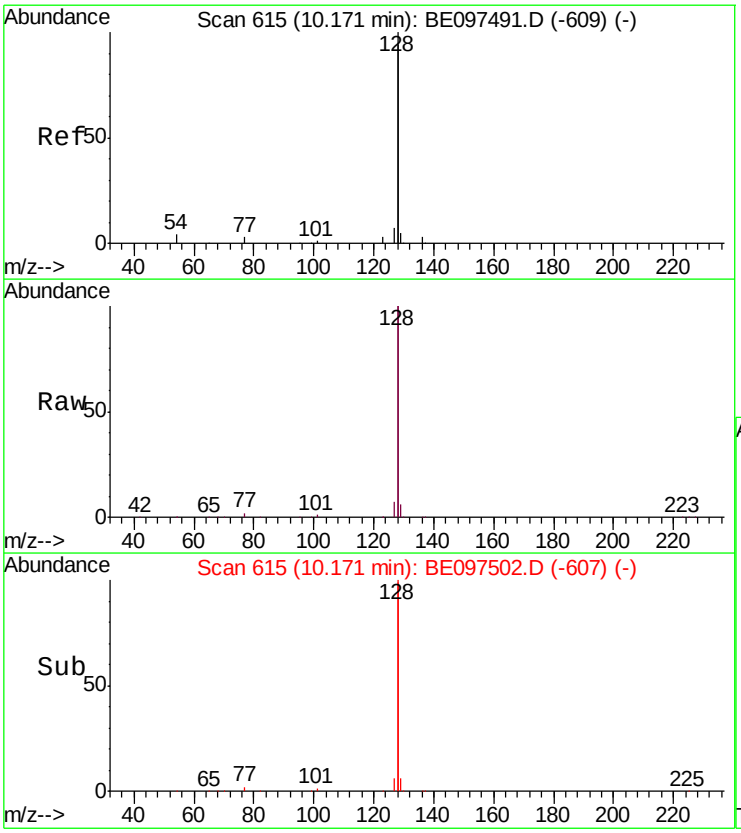
#8
Nitrobenzene-d5
Concen: 0.445 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion: 82 Resp: 1722

Ion	Ratio	Lower	Upper
82	100		
128	64.4	24.0	36.0#
54	51.8	40.0	60.0

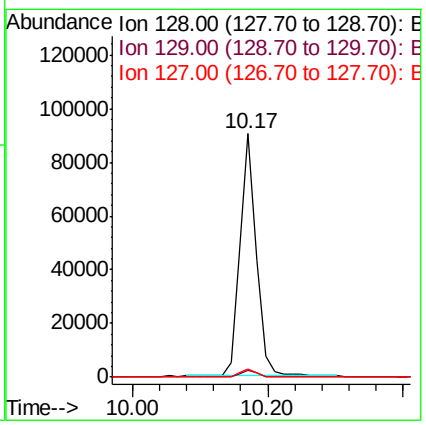


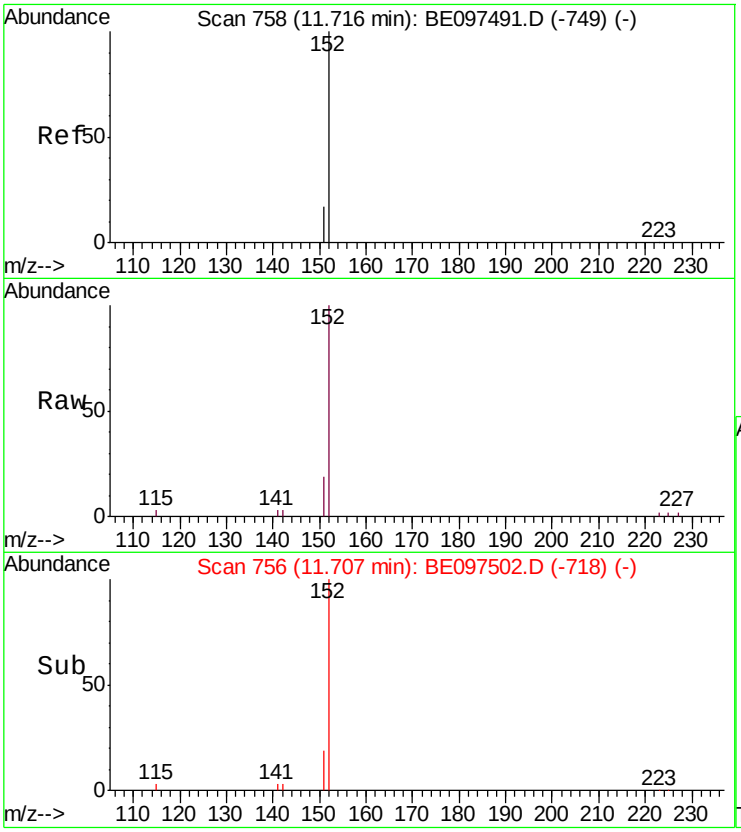


#9
Naphthalene
Concen: 3.479 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:128 Resp: 151813

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.3	2.8	4.2



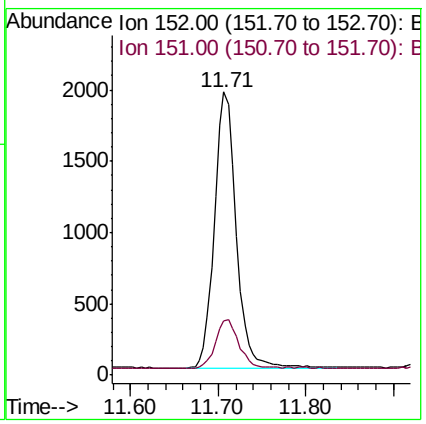


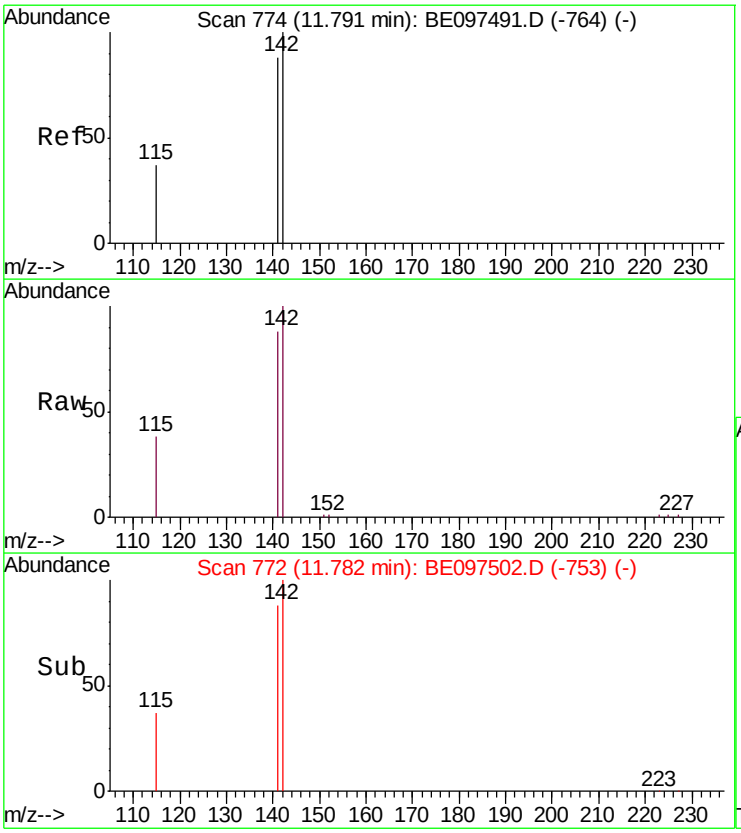
#11
2-Methylnaphthalene-d10
Concen: 0.483 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:152 Resp: 3316

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.4	23.0

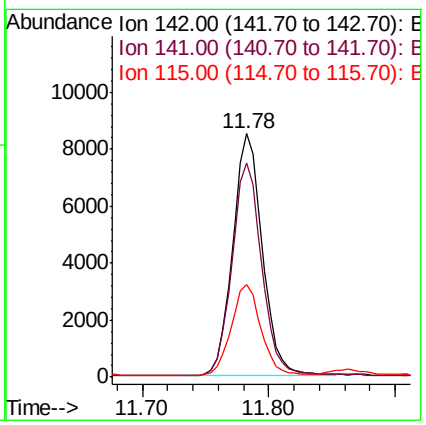


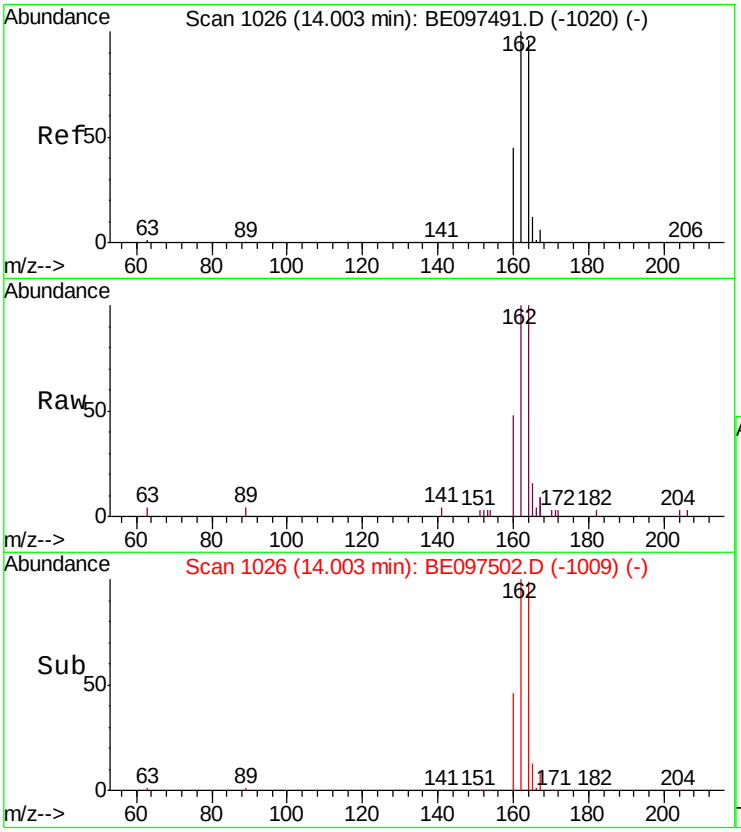


#12
2-Methylnaphthalene
Concen: 1.985 ng
RT: 11.78 min Scan# 772
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:142 Resp: 13854

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	37.8	31.7	47.5



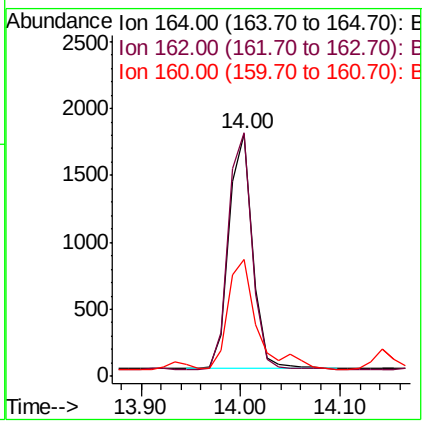


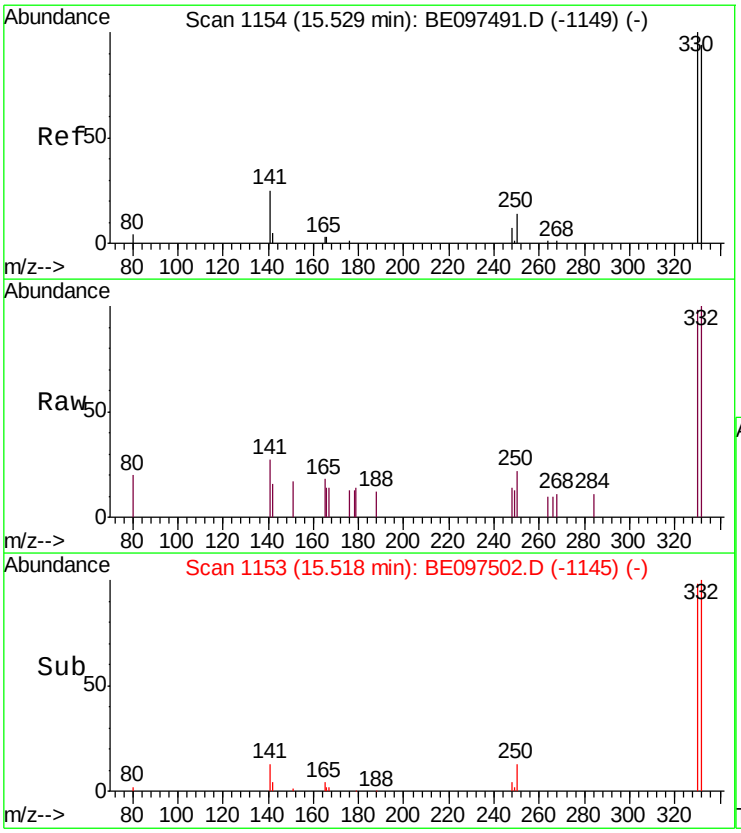
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:164 Resp: 2893

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.1	124.7
160	48.0	37.1	55.7

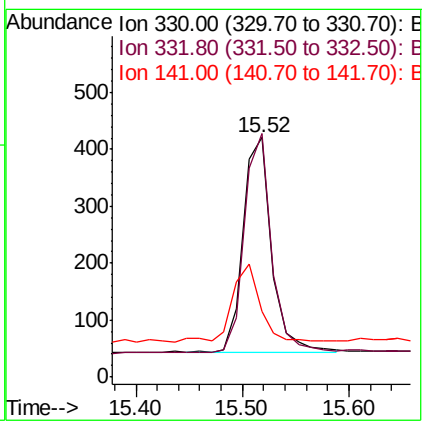


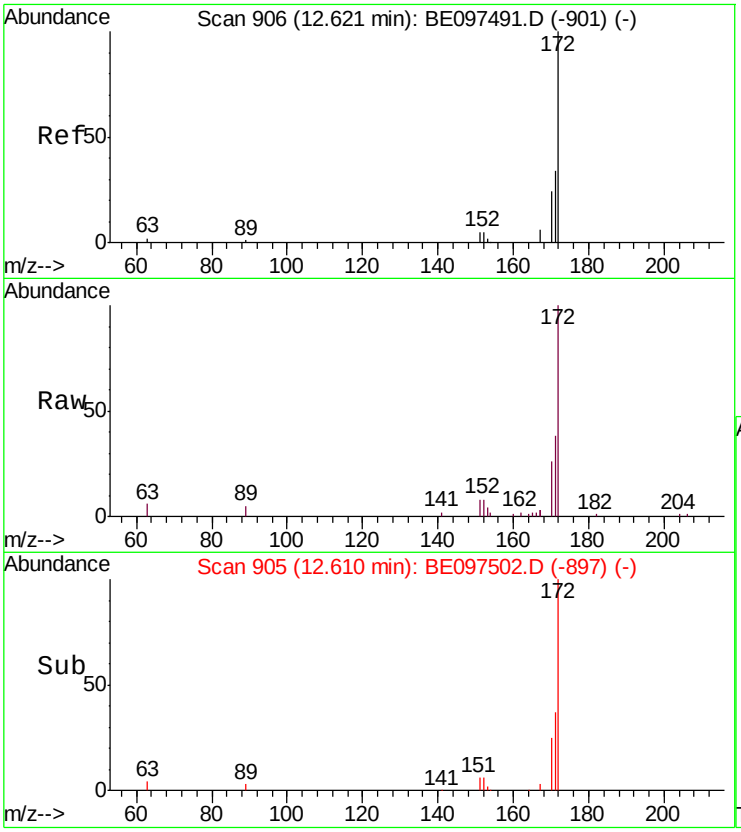


#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:330 Resp: 705

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	32.9	33.7	50.5#



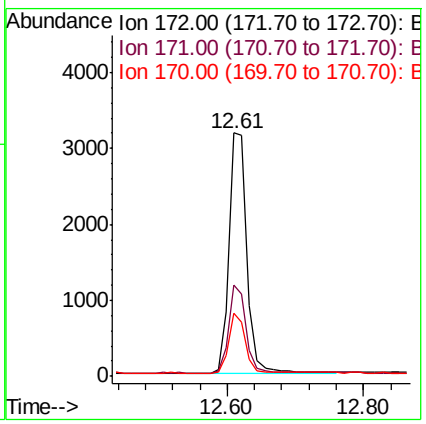


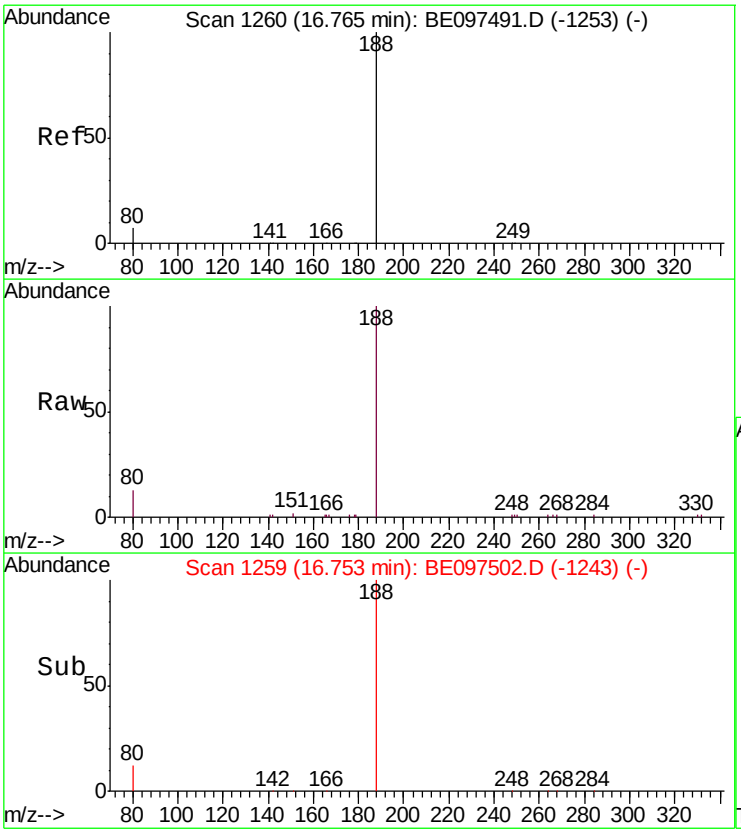
#15
2-Fluorobiphenyl
Concen: 0.577 ng
RT: 12.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:172 Resp: 5826

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	25.8	21.8	32.8

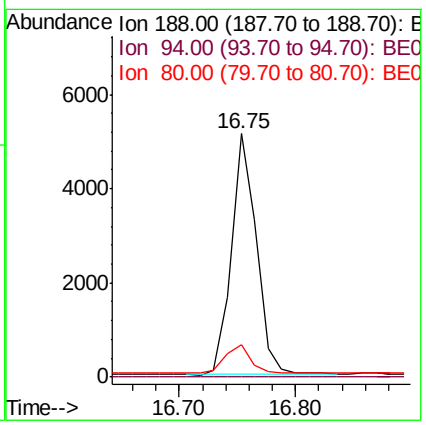


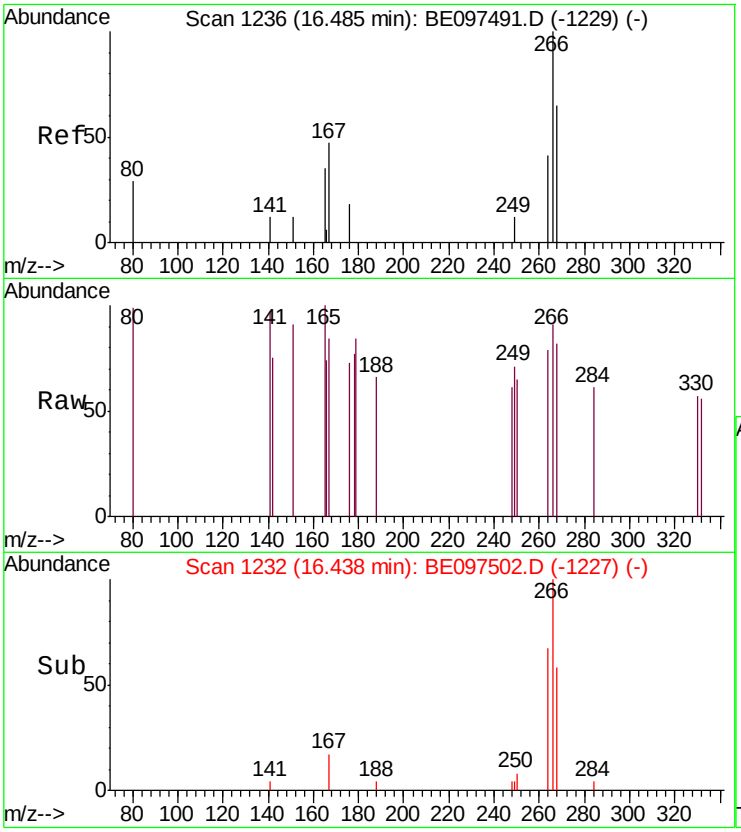


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:188 Resp: 7682

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



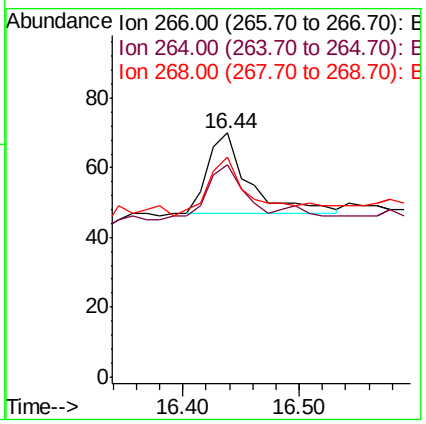


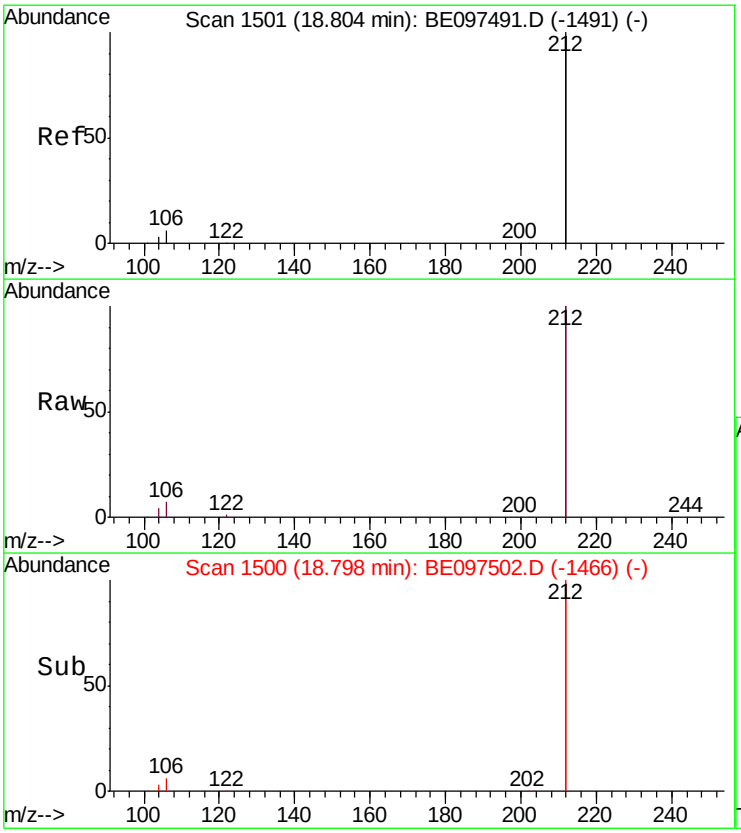
#22
Pentachlorophenol
Concen: 0.156 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.05 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:266 Resp: 56

Ion	Ratio	Lower	Upper
266	100		
264	87.1	72.5	108.7
268	90.0	73.8	110.6

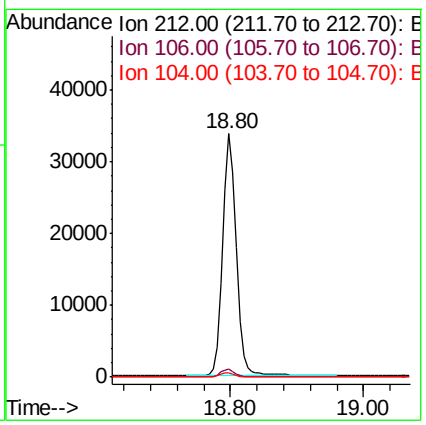


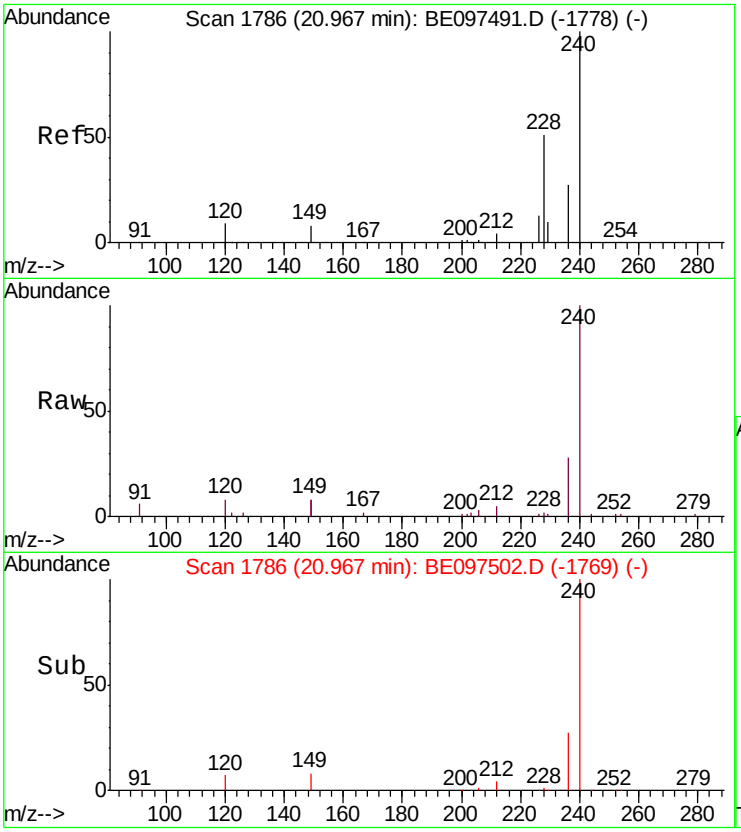


#25
Fluoranthene-d10
Concen: 0.516 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:212 Resp: 47640

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4



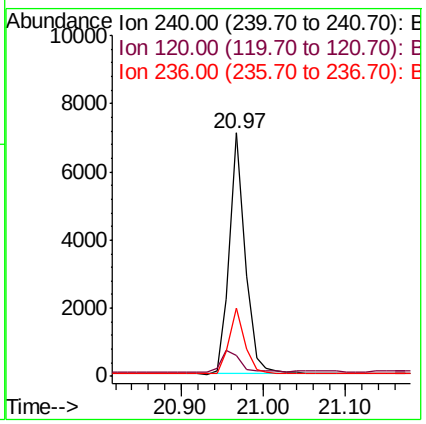


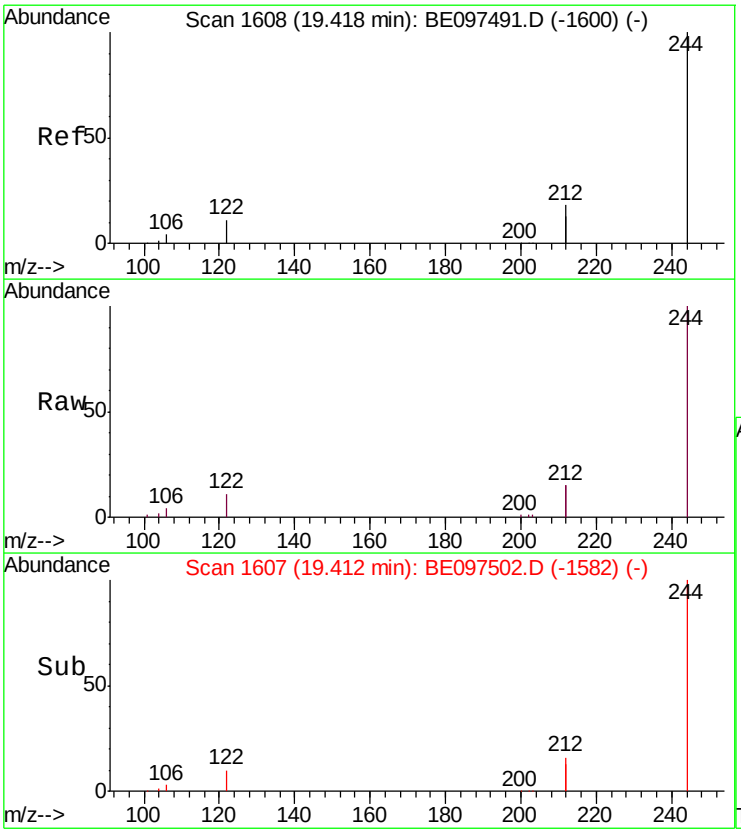
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:240 Resp: 9525

Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.5	8.3#
236	28.0	20.7	31.1

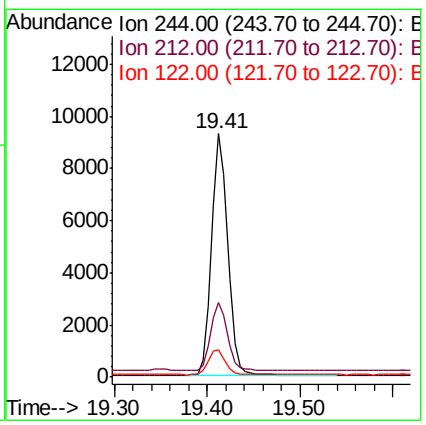


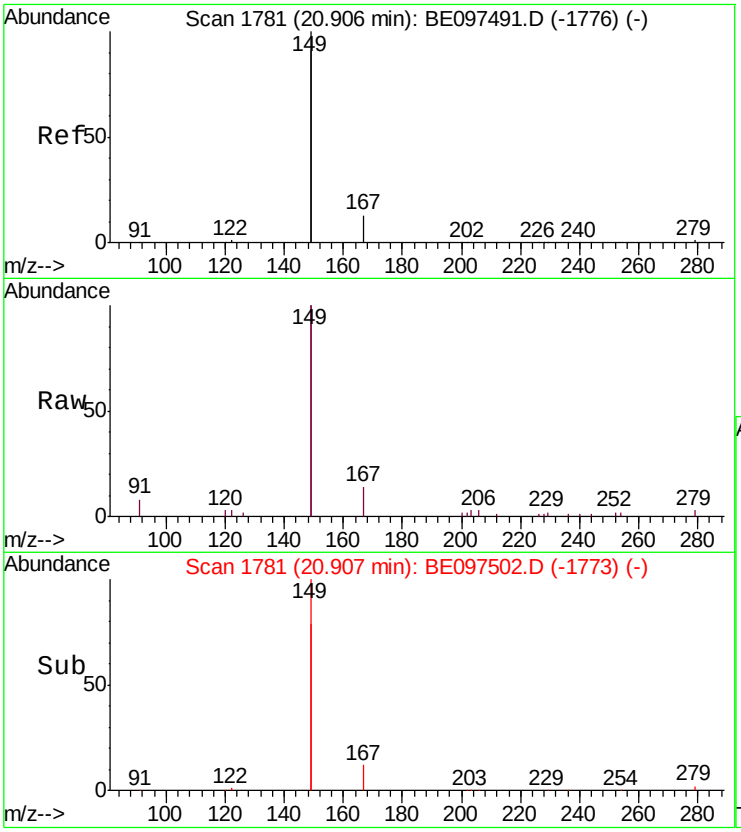


#29
Terphenyl-d14
Concen: 0.621 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:244 Resp: 11309

Ion	Ratio	Lower	Upper
244	100		
212	30.9	25.4	38.0
122	11.1	8.1	12.1



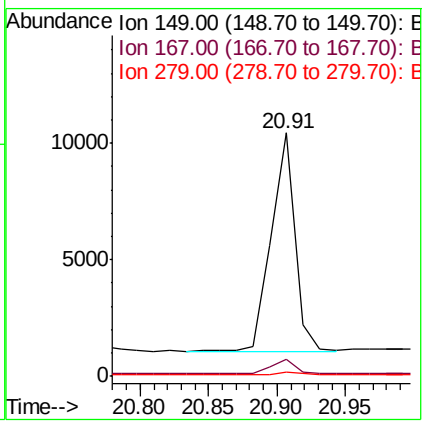


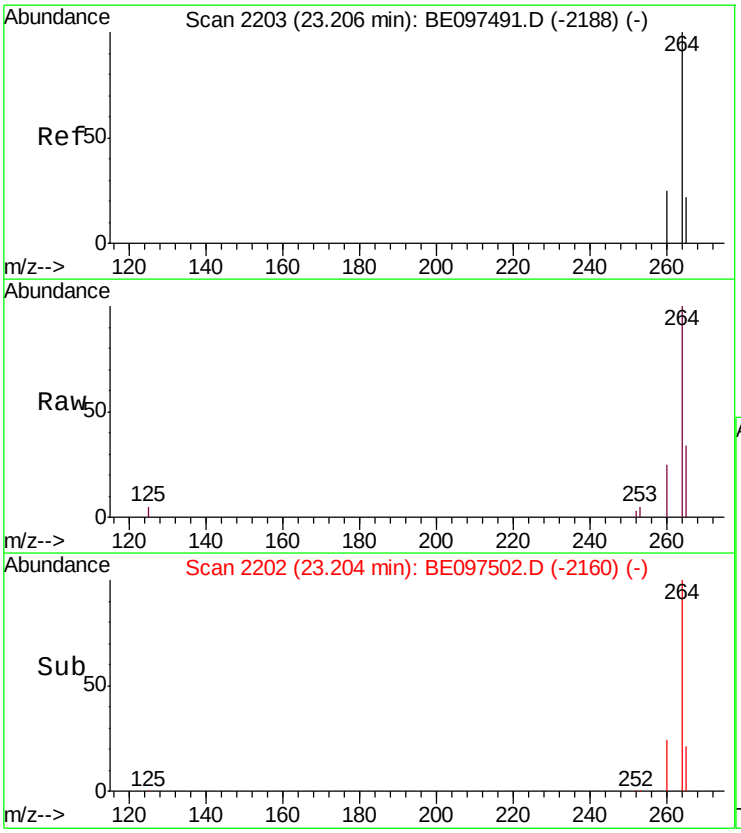
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.210 ng
RT: 20.91 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:149 Resp: 11187

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.4	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:264 Resp: 9657

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	33.6	22.8	34.2