Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100121.D
Acq On : 20 Jun 2019 23:41
Operator : JU/SJ
Sample : K3345-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PR-MW-2_061219

Quant Time: Jun 21 01:47:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	562	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2105	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	4664	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	6082	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	8913	0.40	ng	0.00
34) Perylene-d12	23.83	264	9966	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	267	0.23	ng	-0.01
5) Phenol-d6	6.91	99	155	0.10	ng	-0.02
8) Nitrobenzene-d5	8.89	82	770	0.38	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	211	0.05	ng	-0.03
14) 2,4,6-Tribromophenol	15.90	330	627	0.24	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	3741	0.20	ng	-0.03
25) Fluoranthene-d10	19.19	212	3288	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	10009	0.56	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	48	0.053	ng	# 1
3) n-Nitrosodimethylamine	3.64	42	111	0.529	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	34	0.054	ng	# 1
9) Naphthalene	10.58	128	118659	5.187	ng	99
12) 2-Methylnaphthalene	12.20	142	29169	7.754	ng	97
16) Acenaphthylene	14.13	152	1091	0.049	ng	# 1
17) Acenaphthene	14.47	154	1258	0.102	ng	# 48
18) Fluorene	15.45	166	4782	0.259	ng	# 92
22) Pentachlorophenol	16.81	266	15	0.254	ng	85
23) Phenanthrene	17.19	178	1494	0.103	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.25	149	6106	0.244	ng	99

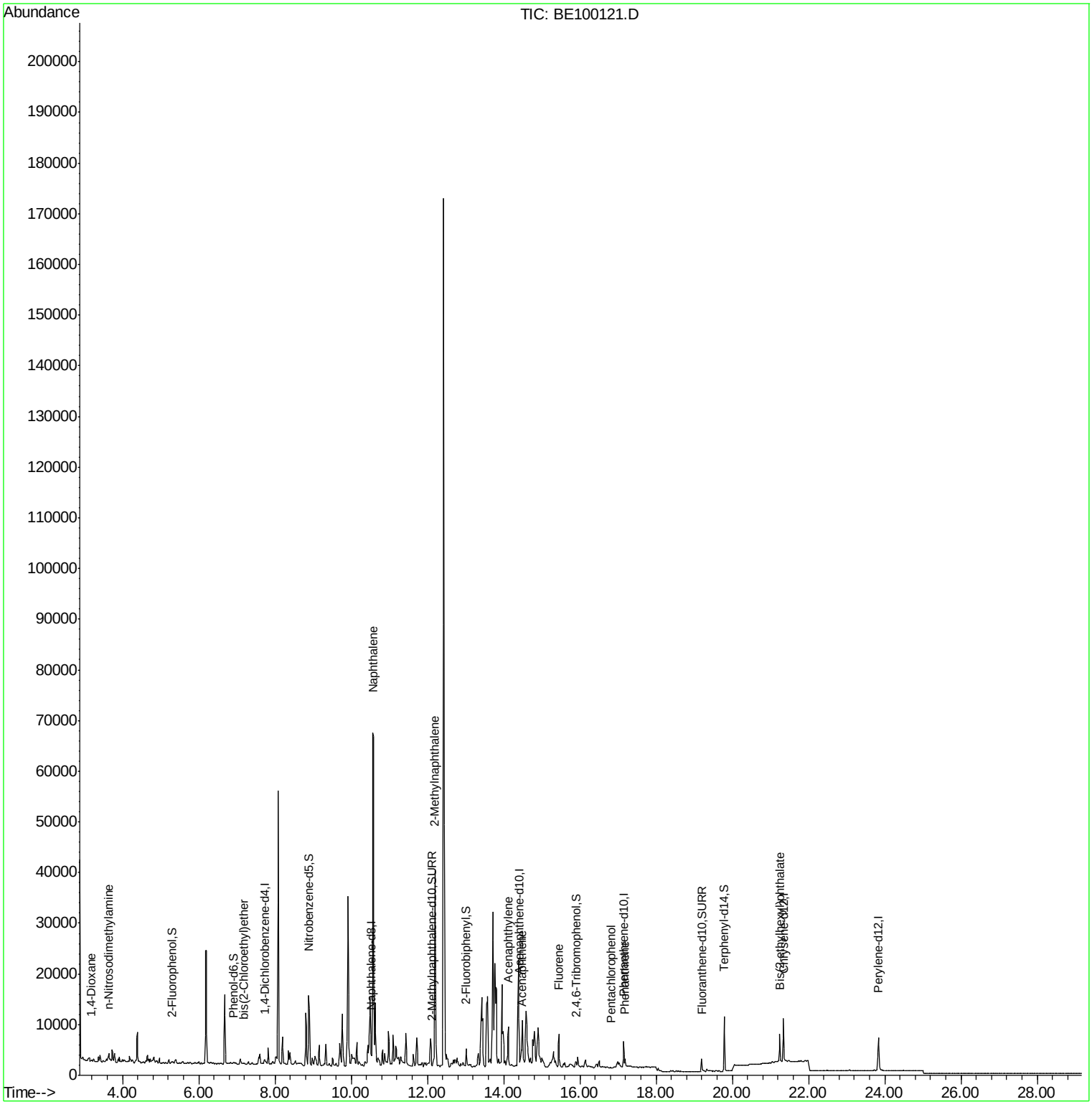
(#) = qualifier out of range (m) = manual integration (+) = signals summed

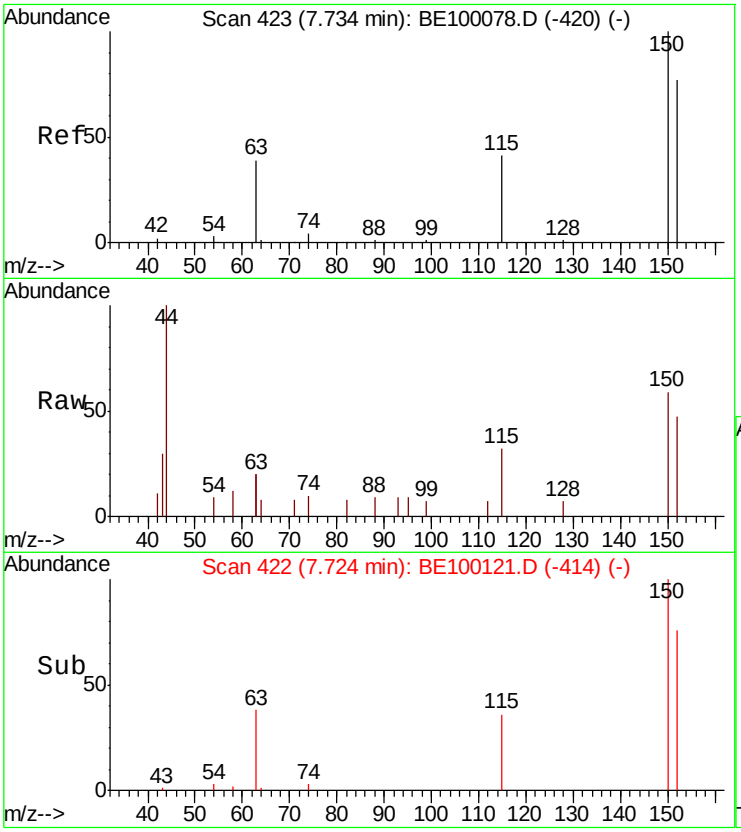
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100121.D
Acq On : 20 Jun 2019 23:41
Operator : JU/SJ
Sample : K3345-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Quant Time: Jun 21 01:47:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



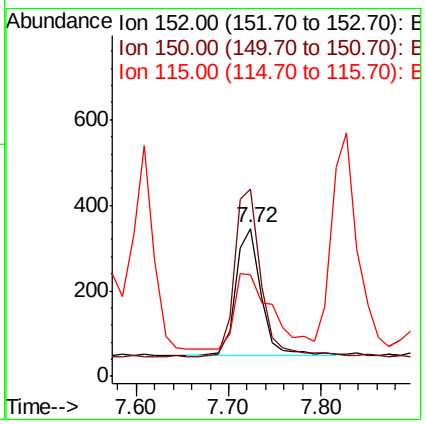


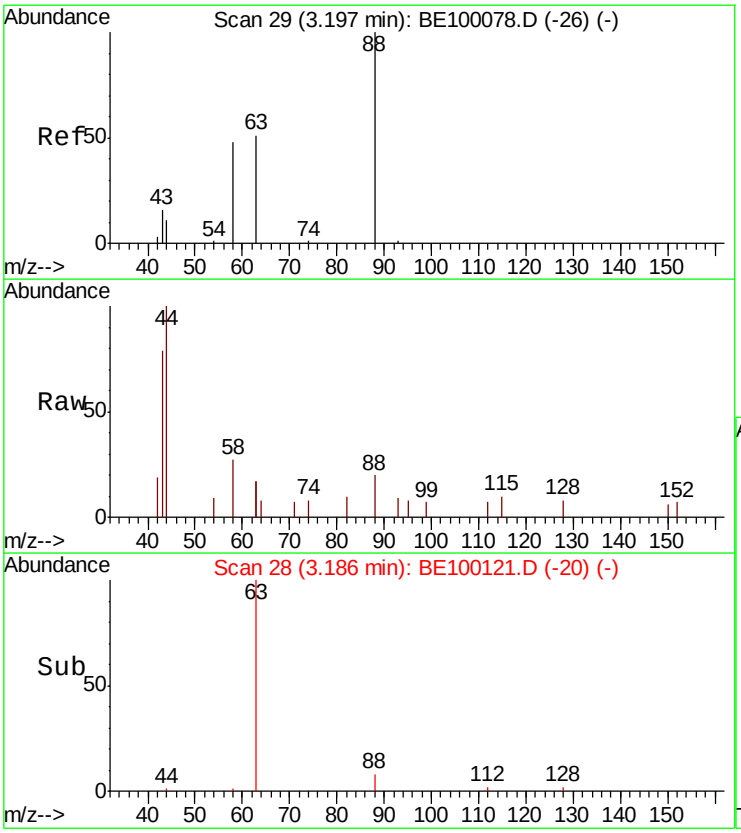
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:152 Resp: 562

Ion	Ratio	Lower	Upper
152	100		
150	126.6	99.8	149.8
115	68.2	51.3	76.9

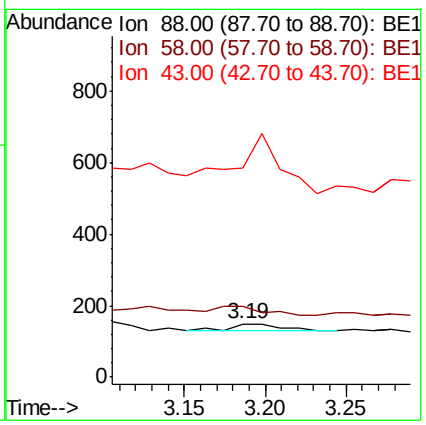


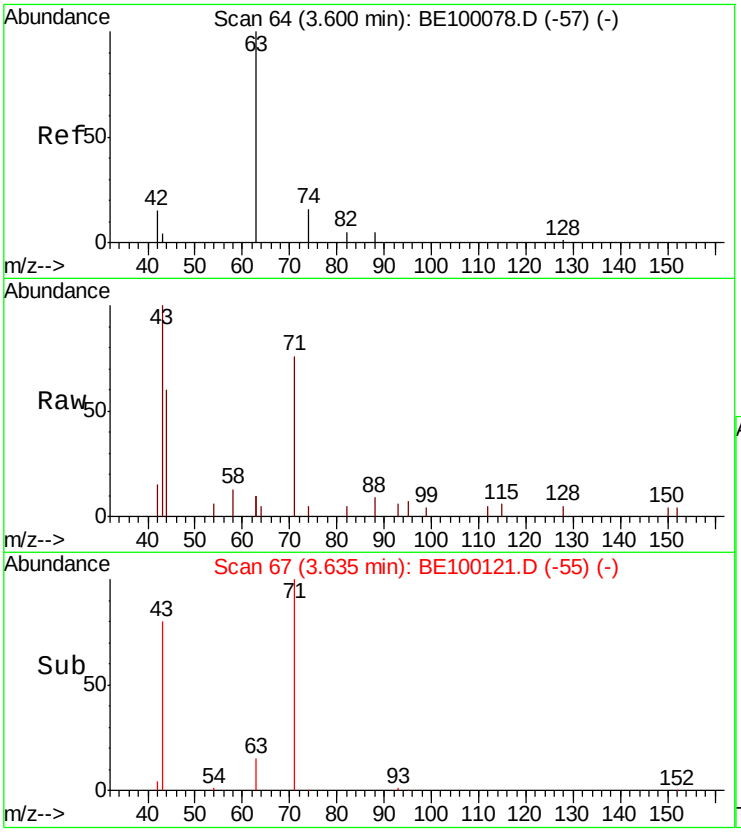


#2
1,4-Dioxane
Concen: 0.053 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
58	95.8	51.1	76.7#
43	725.0	21.7	32.5#



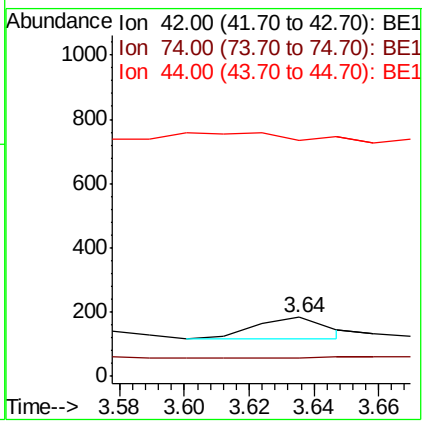


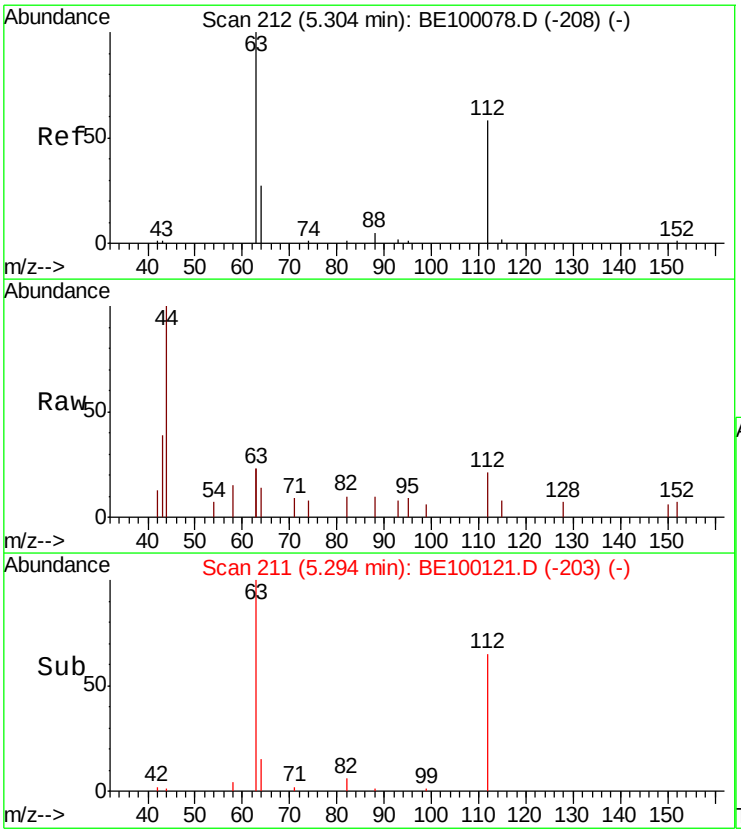
#3
n-Nitrosodimethylamine
Concen: 0.529 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.04 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion: 42 Resp: 111

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

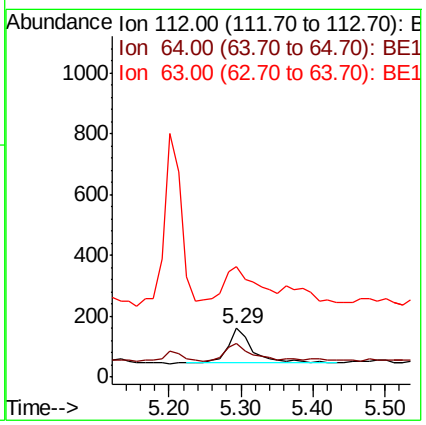


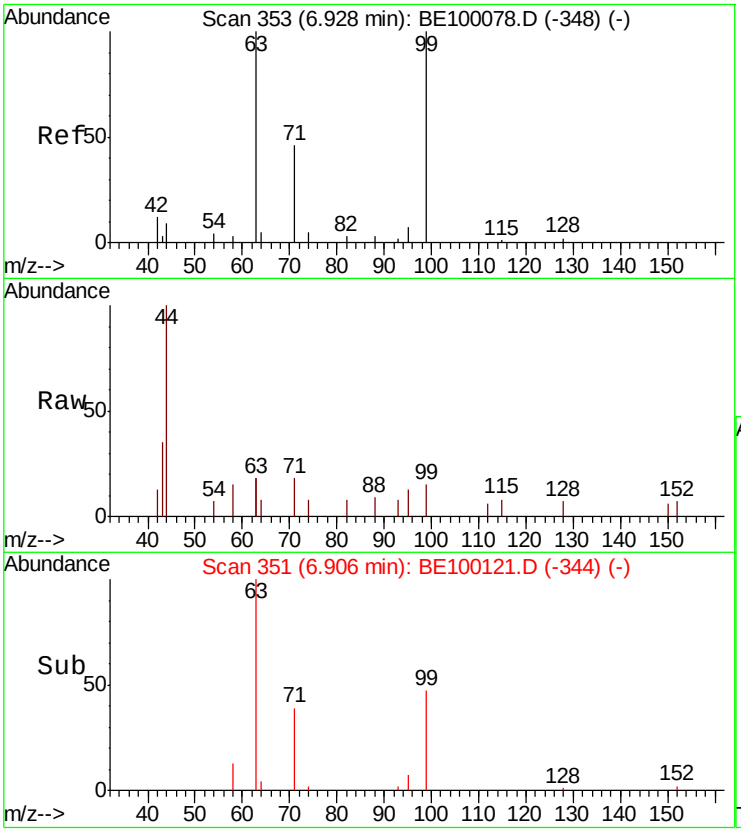


#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:112 Resp: 267

Ion	Ratio	Lower	Upper
112	100		
64	56.6	22.0	33.0#
63	126.6	121.8	182.6



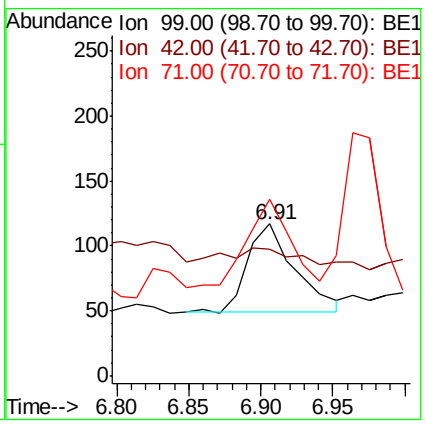


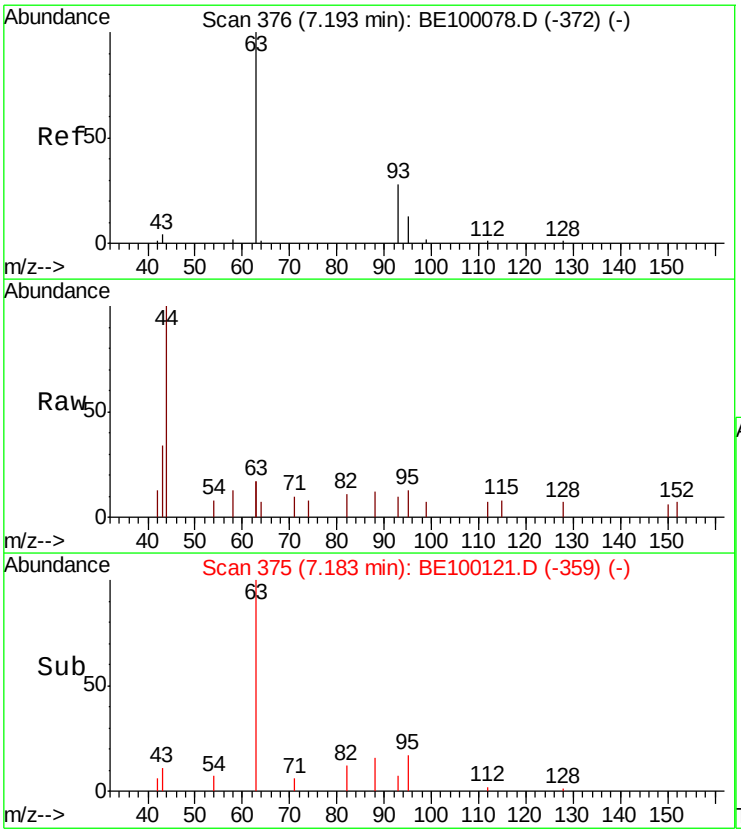
#5
Phenol-d6
Concen: 0.097 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion: 99 Resp: 155

Ion	Ratio	Lower	Upper
99	100		
42	40.0	0.0	0.0#
71	84.5	37.6	56.4#

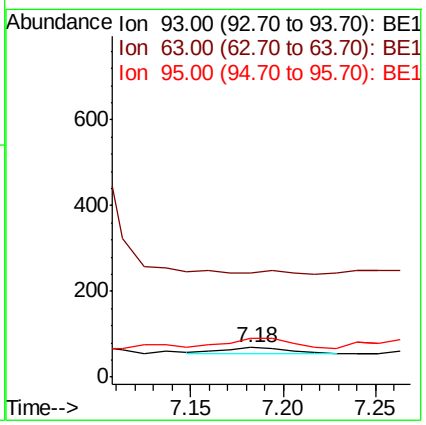


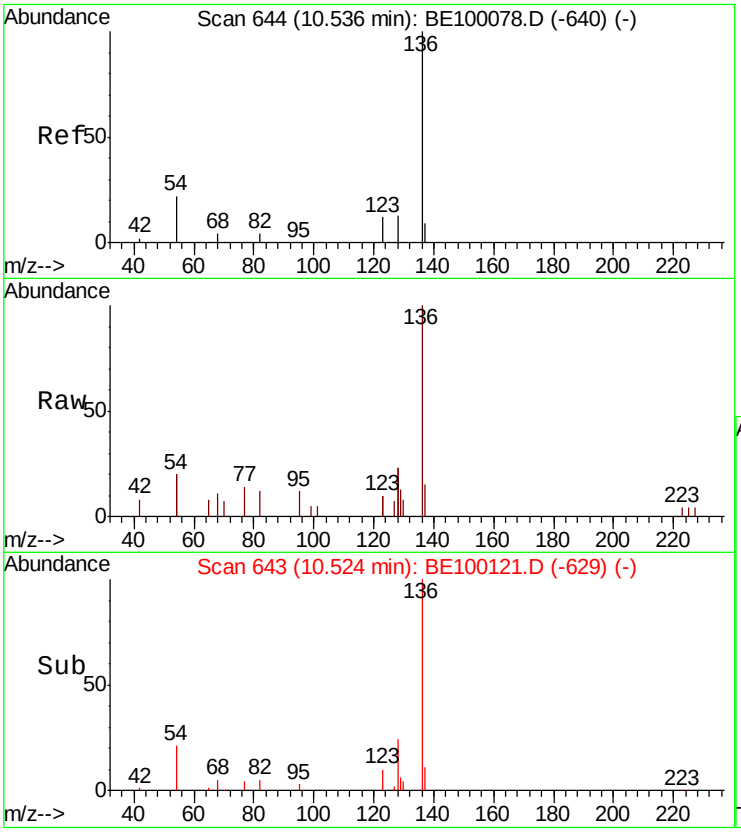


#6
bis(2-Chloroethyl)ether
Concen: 0.054 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion: 93 Resp: 34

Ion	Ratio	Lower	Upper
93	100		
63	0.0	200.0	300.0#
95	155.9	24.0	36.0#



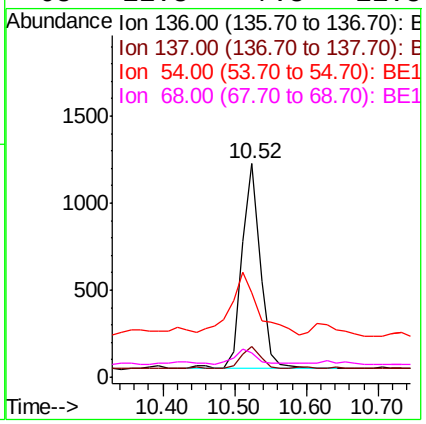


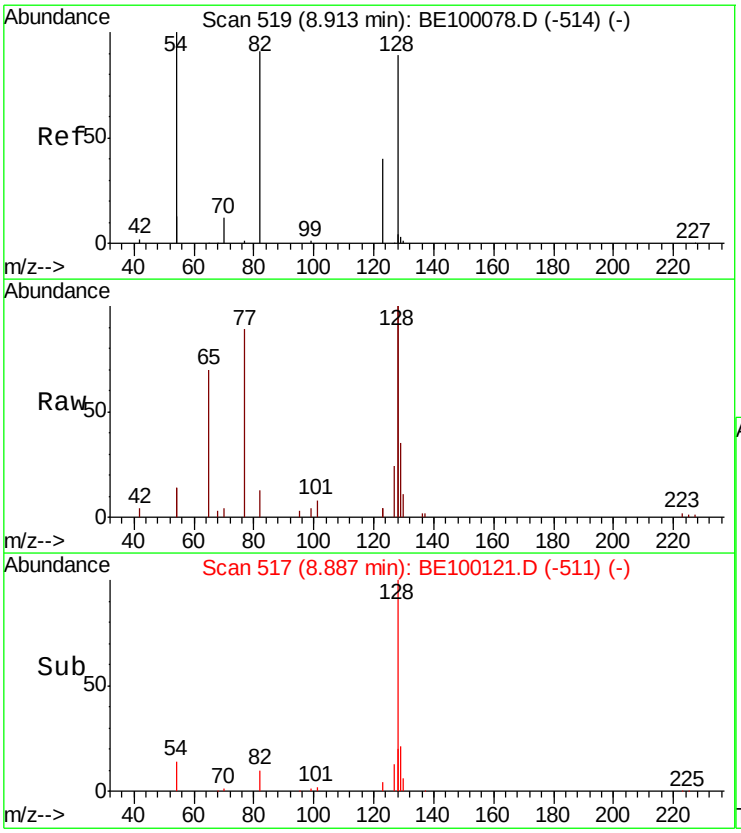
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:136 Resp: 2105

Ion	Ratio	Lower	Upper
136	100		
137	14.5	11.6	17.4
54	39.8	33.9	50.9
68	11.3	7.8	11.8

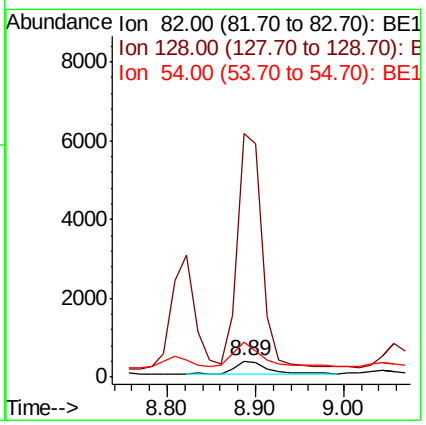


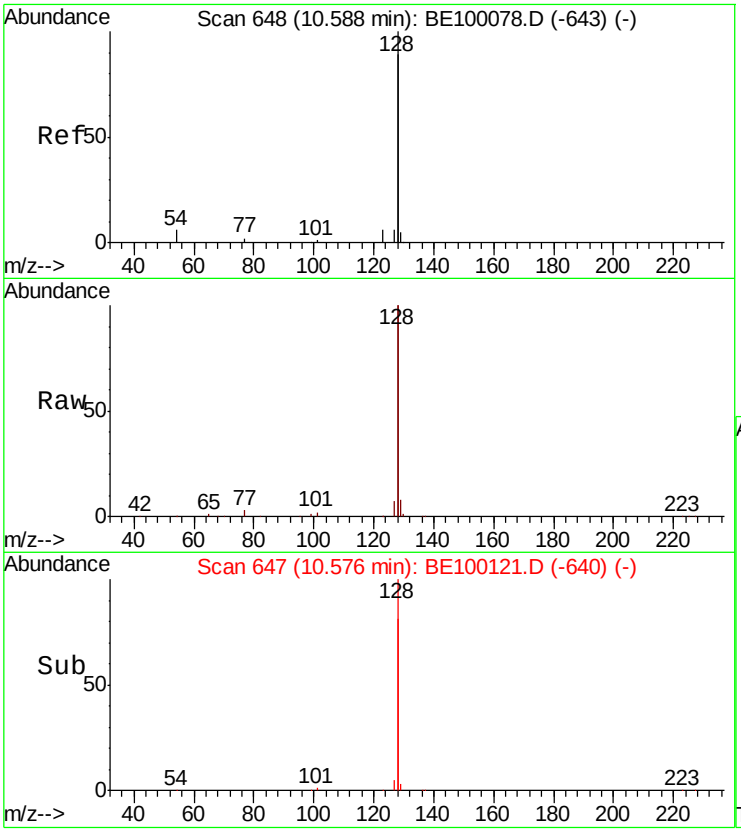


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion: 82 Resp: 770

Ion	Ratio	Lower	Upper
82	100		
128	1522.7	128.0	192.0#
54	220.2	143.4	215.0#



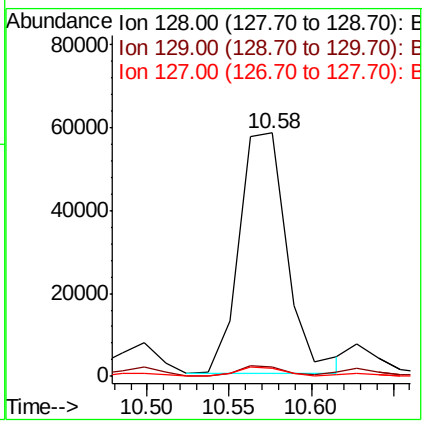


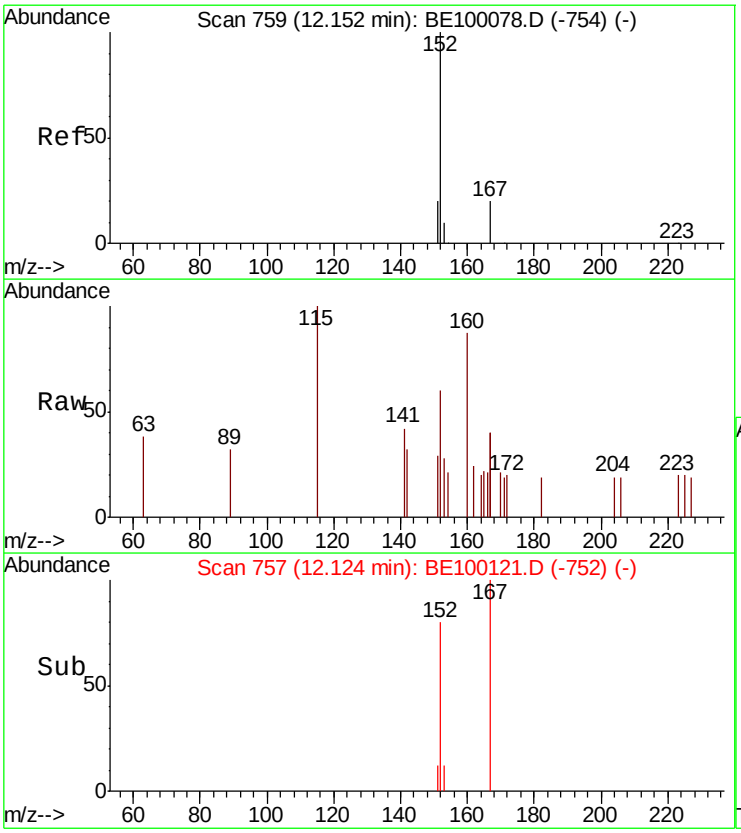
#9
Naphthalene
Concen: 5.187 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:128 Resp: 118659

Ion	Ratio	Lower	Upper
128	100		
129	4.1	3.1	4.7
127	3.5	3.4	5.2

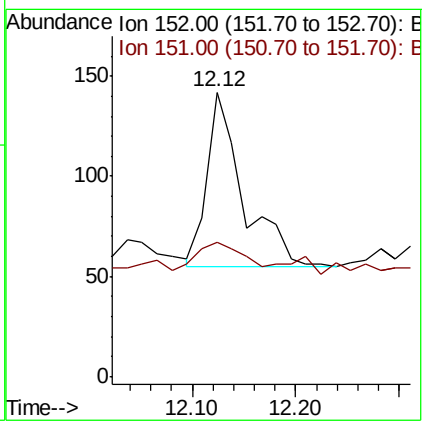


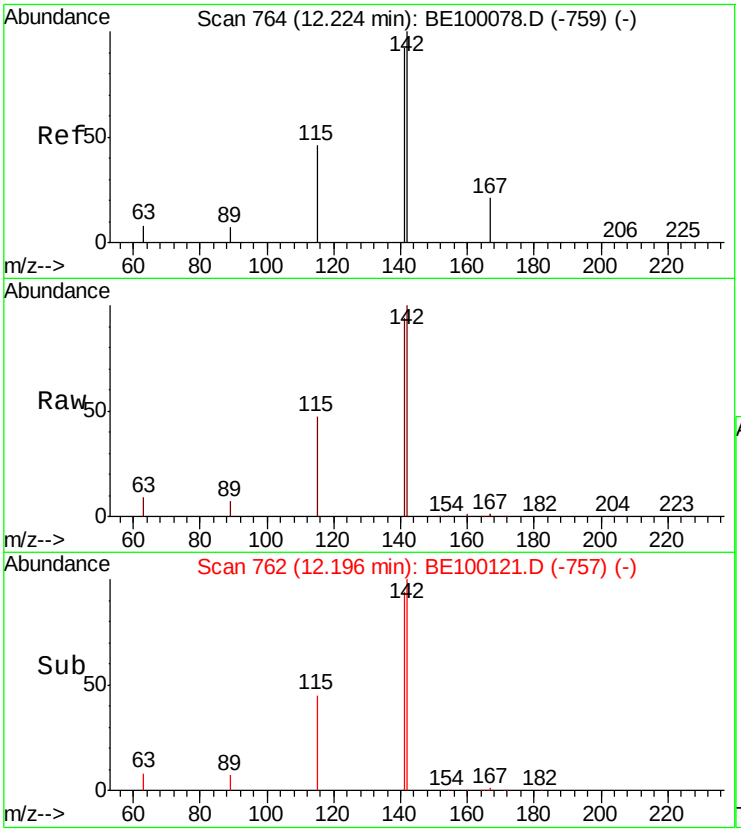


#11
2-Methylnaphthalene-d10
Concen: 0.053 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:152 Resp: 211

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5



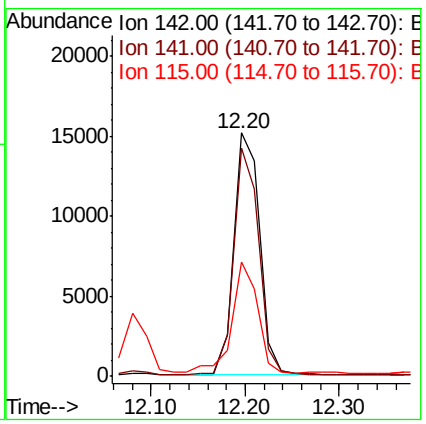


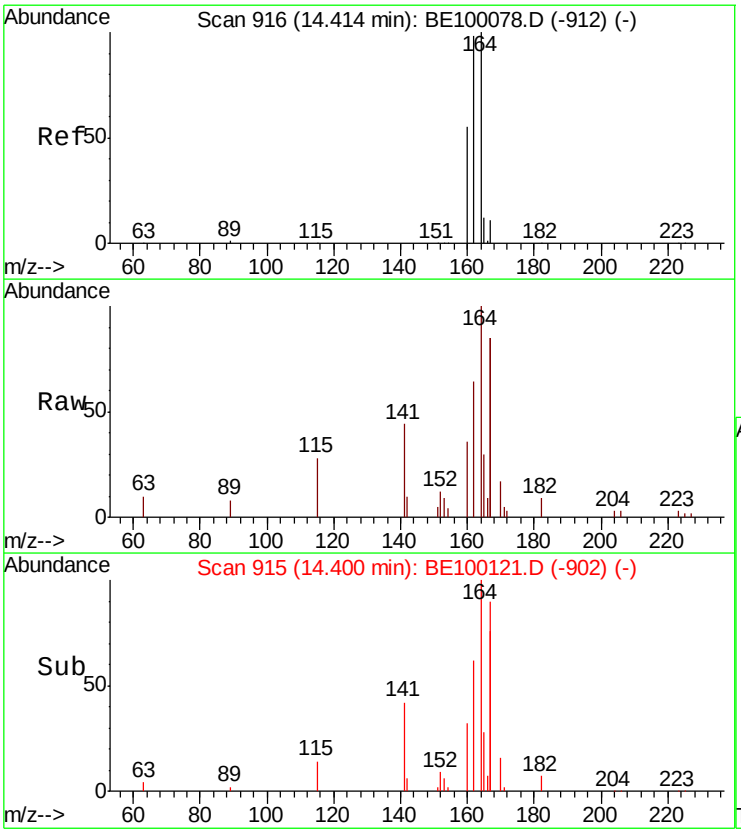
#12
2-Methylnaphthalene
Concen: 7.754 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.03 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:142 Resp: 29169

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.1	111.1
115	46.8	40.9	61.3

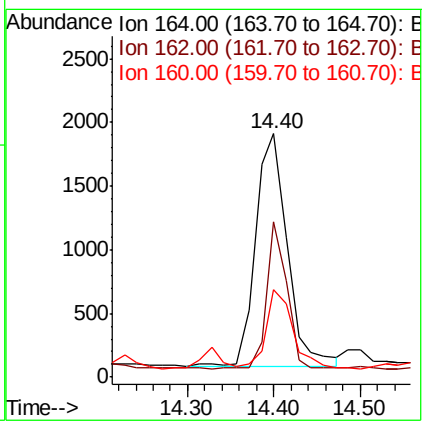


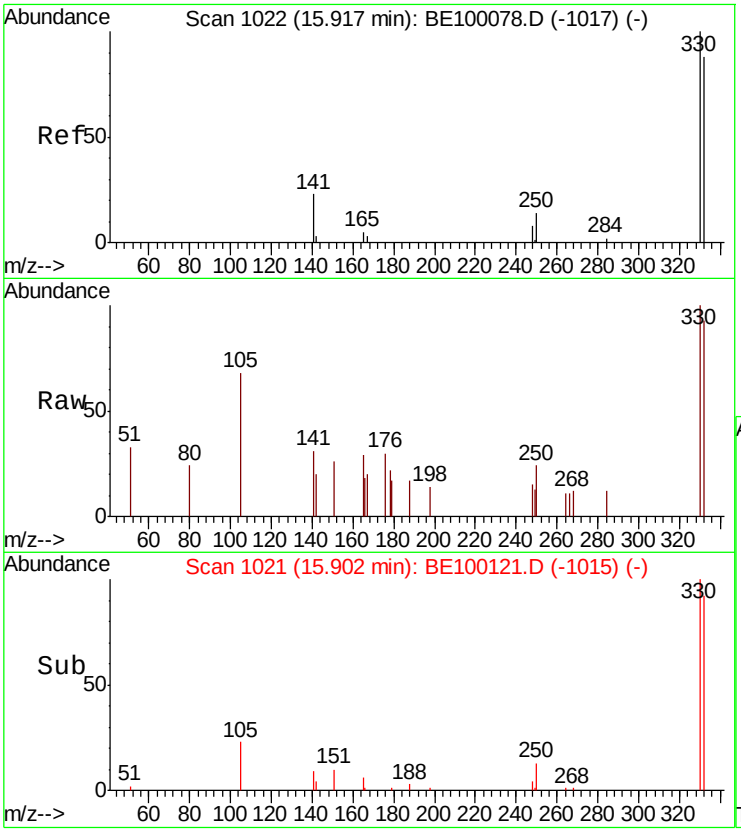


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:164 Resp: 4664

Ion	Ratio	Lower	Upper
164	100		
162	64.0	78.2	117.2#
160	36.0	45.6	68.4#



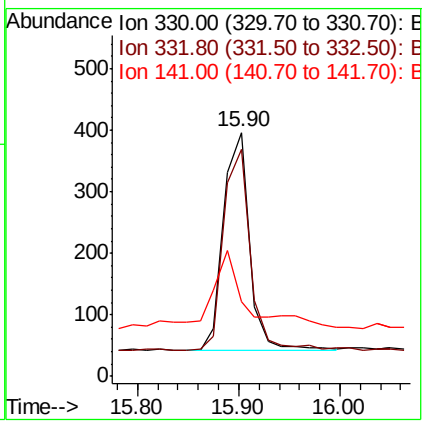


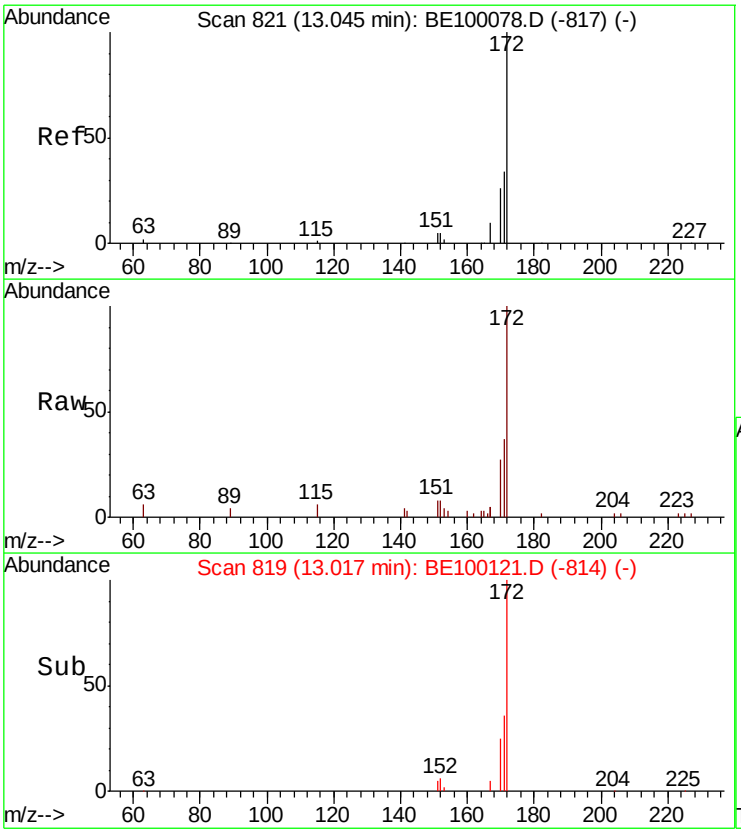
#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:330 Resp: 627

Ion	Ratio	Lower	Upper
330	100		
332	97.3	73.3	109.9
141	45.1	22.2	33.2#

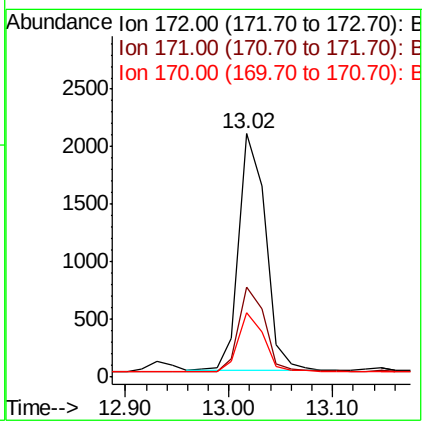


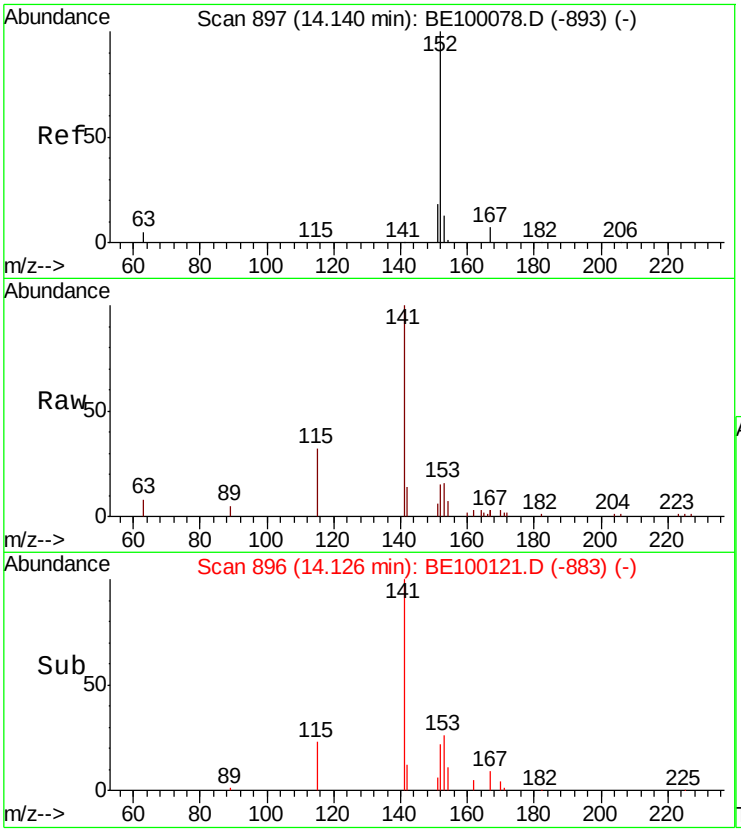


#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:172 Resp: 3741

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	26.6	23.2	34.8



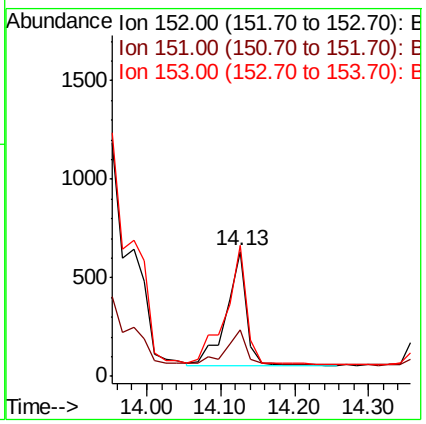


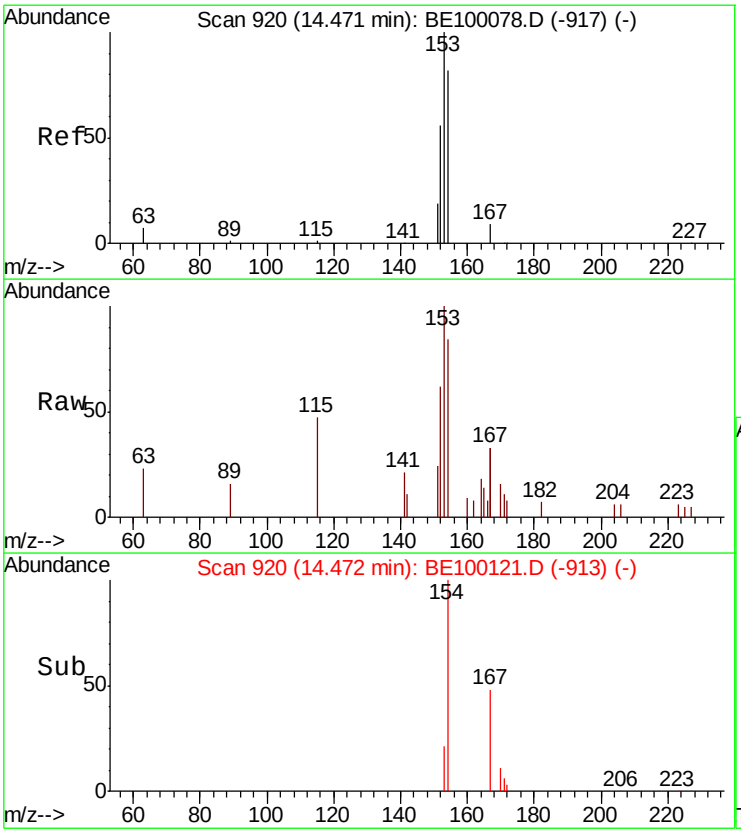
#16
Acenaphthylene
Concen: 0.049 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:152 Resp: 1091

Ion	Ratio	Lower	Upper
152	100		
151	33.1	15.9	23.9#
153	113.3	10.1	15.1#

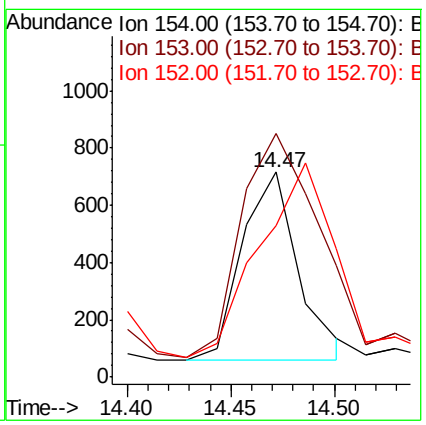


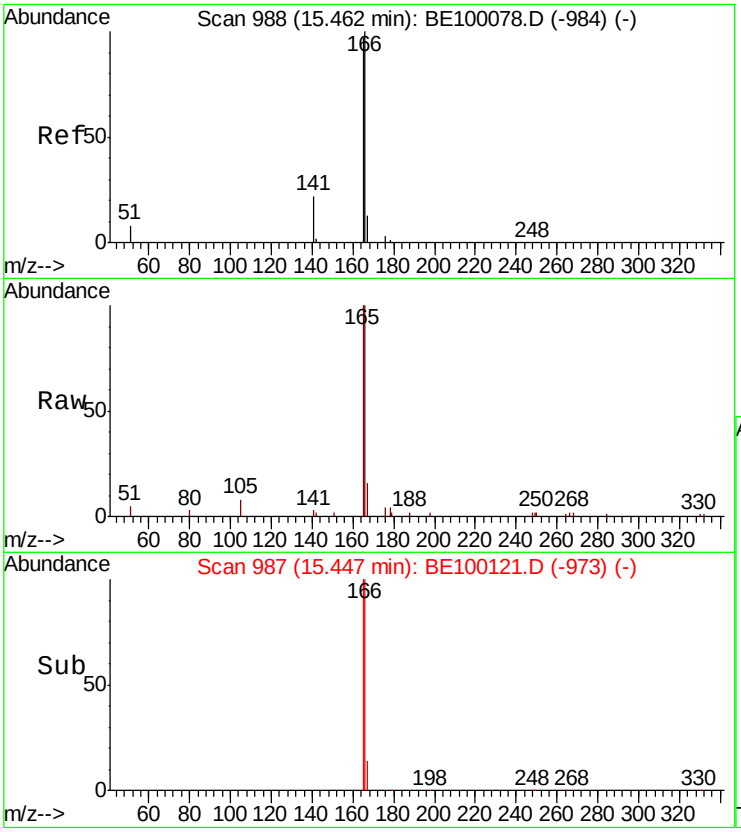


#17
Acenaphthene
Concen: 0.102 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:154 Resp: 1258

Ion	Ratio	Lower	Upper
154	100		
153	160.8	95.5	143.3#
152	130.4	54.9	82.3#



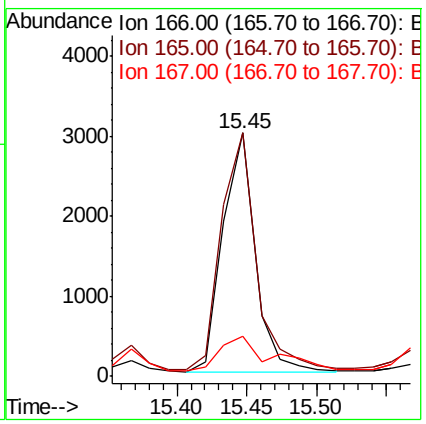


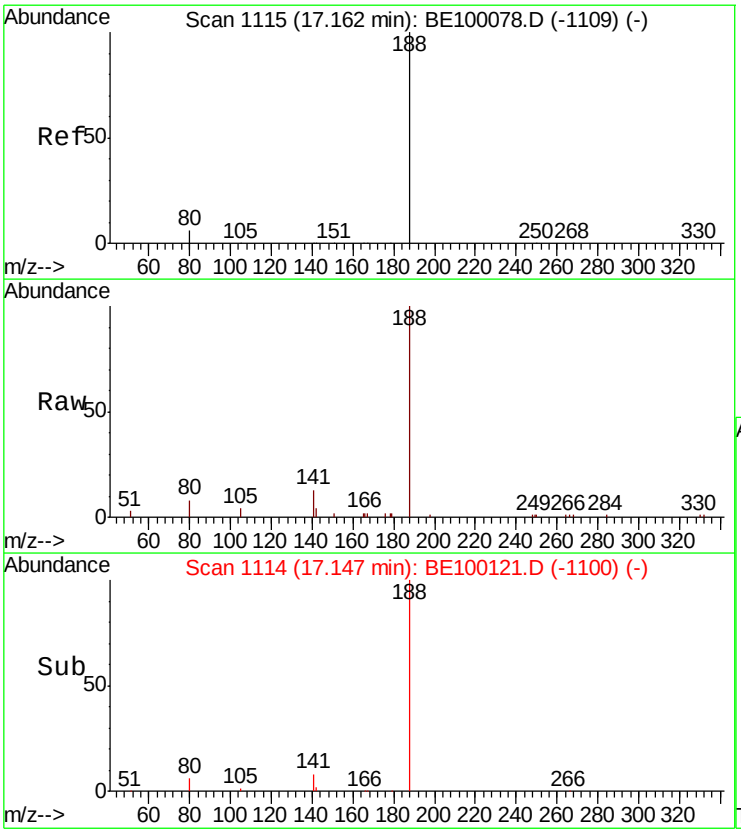
#18
Fluorene
Concen: 0.259 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:166 Resp: 4782

Ion	Ratio	Lower	Upper
166	100		
165	105.6	79.8	119.8
167	23.6	10.2	15.4#

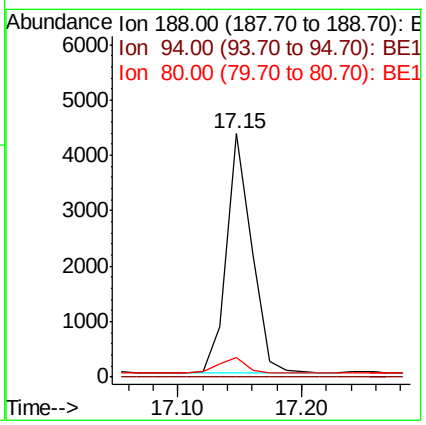


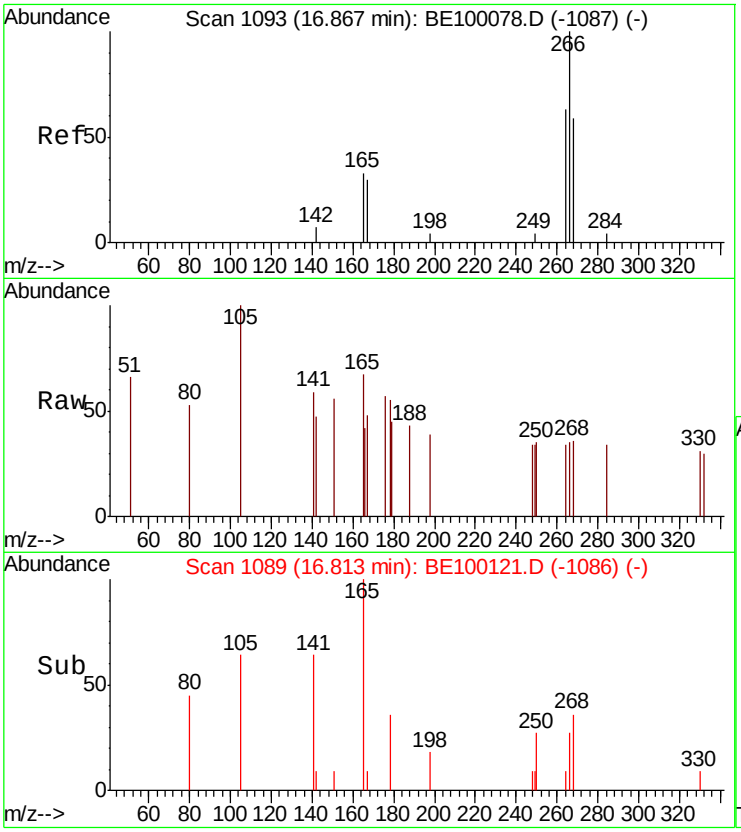


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:188 Resp: 6082

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.3	9.5



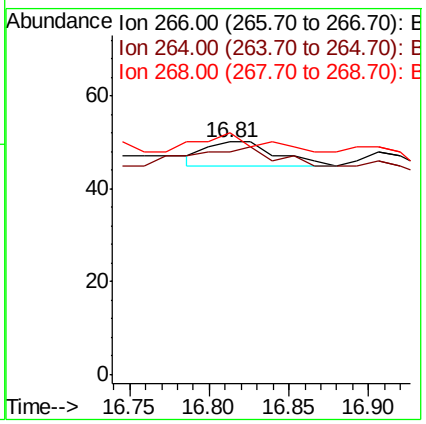


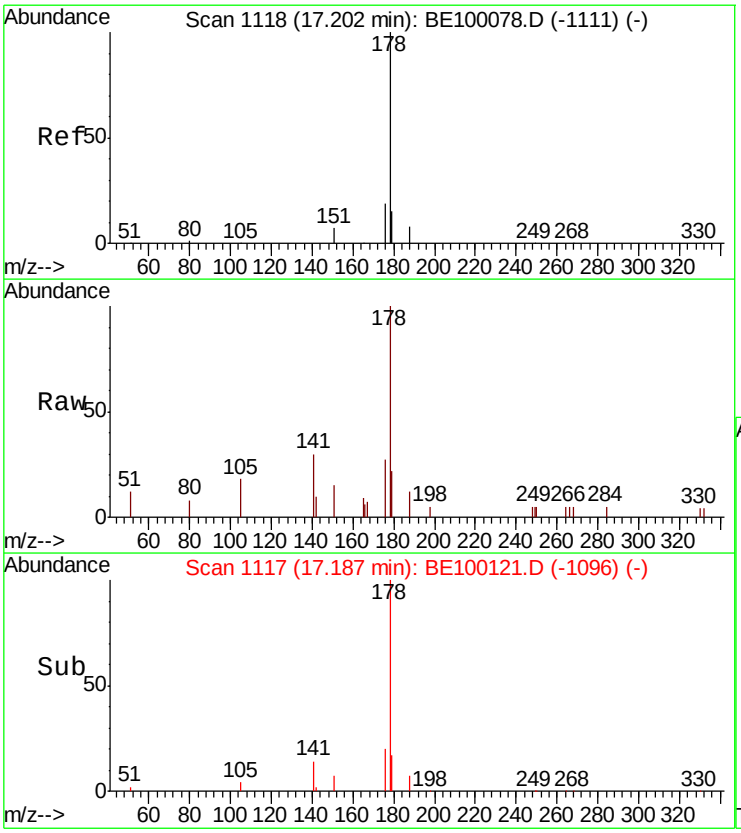
#22
Pentachlorophenol
Concen: 0.254 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	96.0	67.8	101.6
268	104.0	70.0	105.0

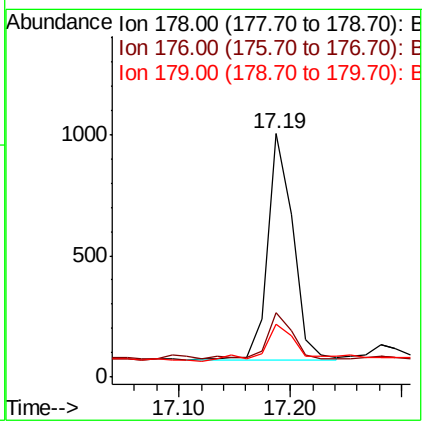


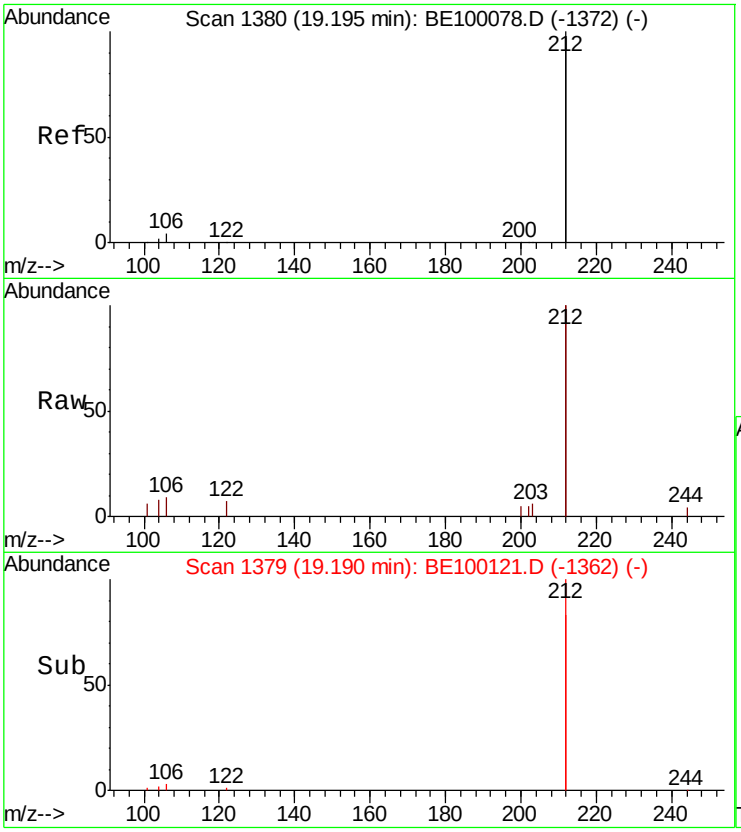


#23
Phenanthrene
Concen: 0.103 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:178 Resp: 1494

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.9	23.9
179	19.7	13.1	19.7#



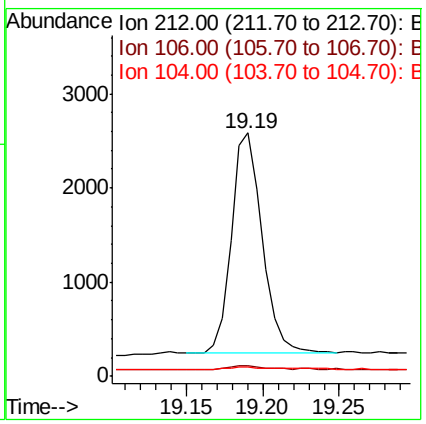


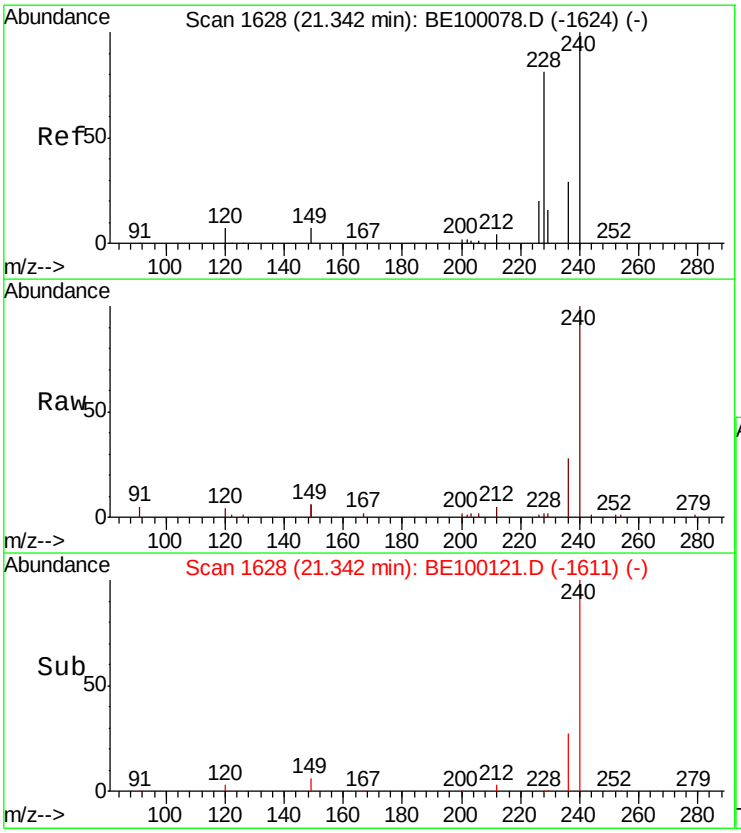
#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:212 Resp: 3288

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.4	2.0#
104	2.7	0.8	1.2#

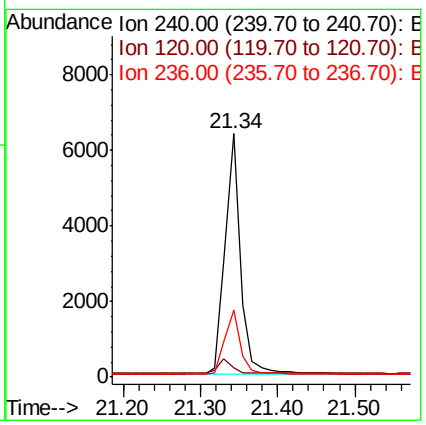


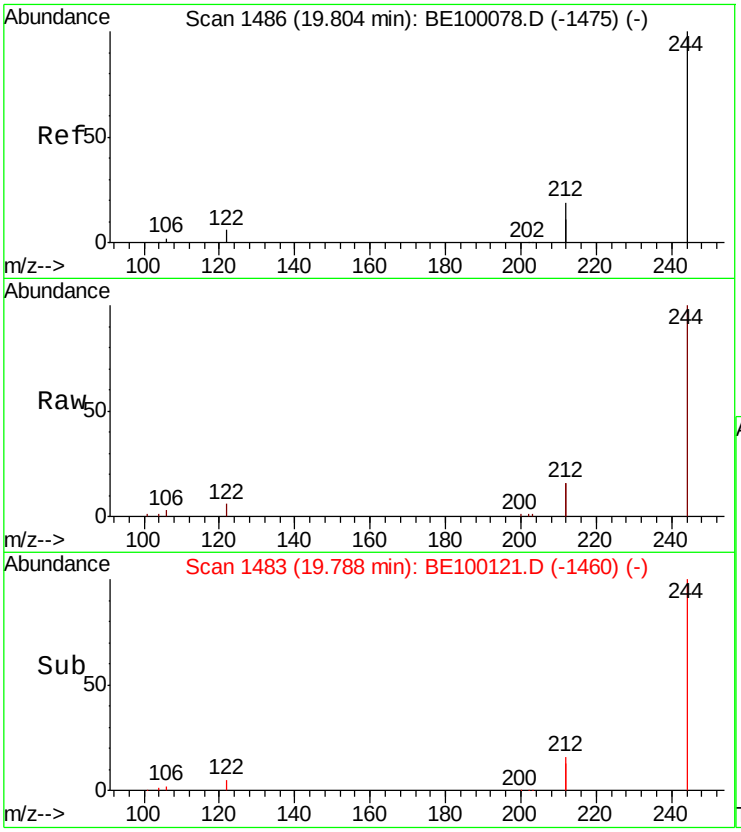


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:240 Resp: 8913

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.6	10.0#
236	27.5	23.8	35.6



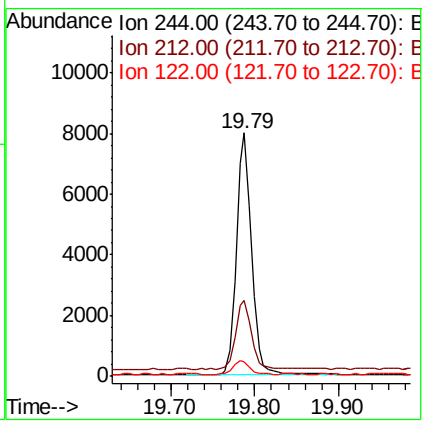


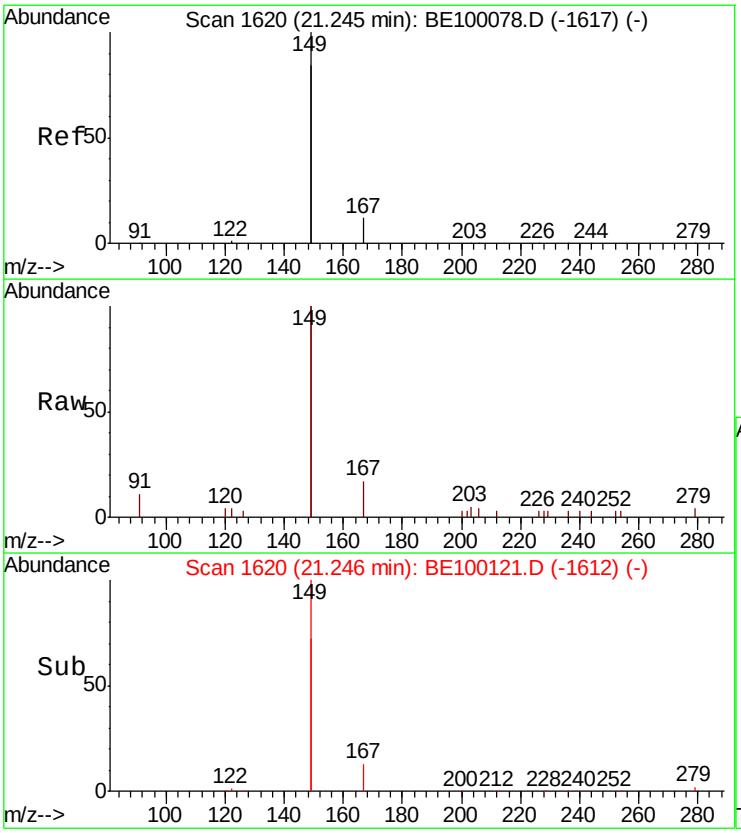
#29
Terphenyl-d14
Concen: 0.562 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:244 Resp: 10009

Ion	Ratio	Lower	Upper
244	100		
212	31.4	29.8	44.8
122	5.9	6.1	9.1#

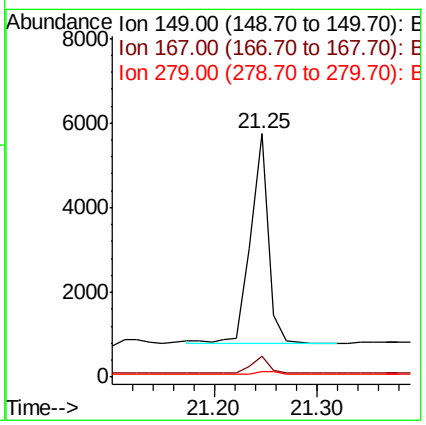


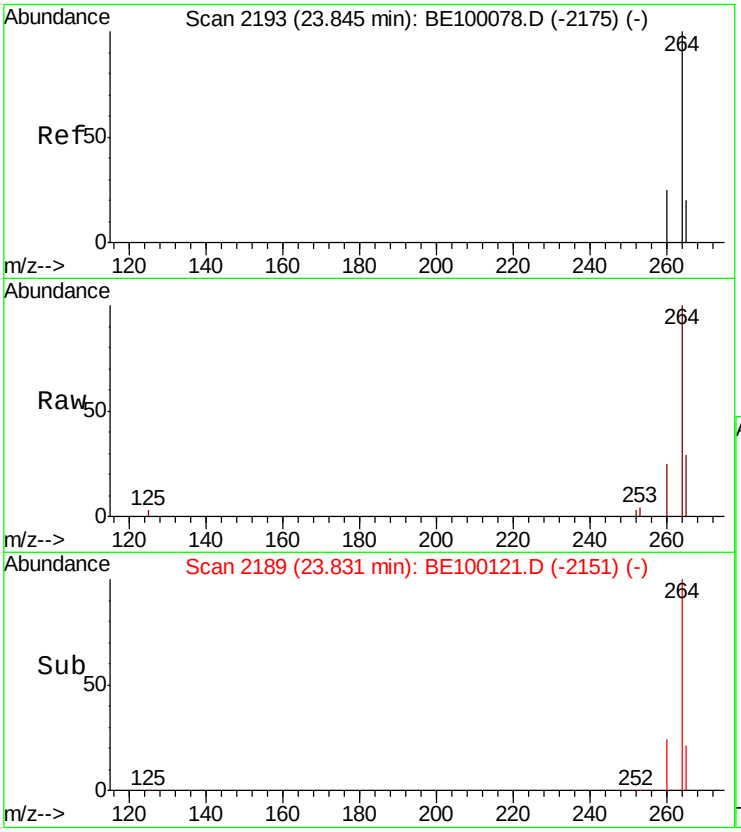


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.244 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Tgt Ion:149 Resp: 6106

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.4	1.1	1.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BE100121.D
Acq: 20 Jun 2019 23:41

Instrument :
BNA_E
ClientSampleId :
PR-MW-2_061219

Tgt Ion:264 Resp: 9966

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.8	31.2
265	28.7	23.2	34.8