Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
Data File : BE100120.D
Acq On : 20 Jun 2019 23:06
Operator : JU/SJ
Sample : K3345-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP-01_061219

Quant Time: Jun 21 02:20:41 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	519	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	2018	0.40	ng		-0.01
13) Acenaphthene-d10	14.40	164	4411	0.40	ng		-0.02
19) Phenanthrene-d10	17.15	188	6035	0.40	ng		-0.01
27) Chrysene-d12	21.34	240	8992	0.40	ng		0.00
34) Perylene-d12	23.83	264	10189	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	216	0.20	ng		-0.01
5) Phenol-d6	6.91	99	151	0.10	ng		-0.02
8) Nitrobenzene-d5	8.90	82	721	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	181	0.05	ng		-0.03
14) 2,4,6-Tribromophenol	15.89	330	569	0.23	ng		-0.03
15) 2-Fluorobiphenyl	13.02	172	3906	0.23	ng		-0.03
25) Fluoranthene-d10	19.19	212	3268	0.04	ng		0.00
29) Terphenyl-d14	19.79	244	10319	0.57	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.58	128	139095	6.343	ng		98
12) 2-Methylnaphthalene	12.19	142	21747	6.030	ng		97
17) Acenaphthene	14.47	154	1054	0.090	ng	#	48
18) Fluorene	15.45	166	4100	0.235	ng	#	93
23) Phenanthrene	17.19	178	1380	0.095	ng		97
32) Bis(2-ethylhexyl)phthalate	21.24	149	6702	0.266	ng	#	100

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

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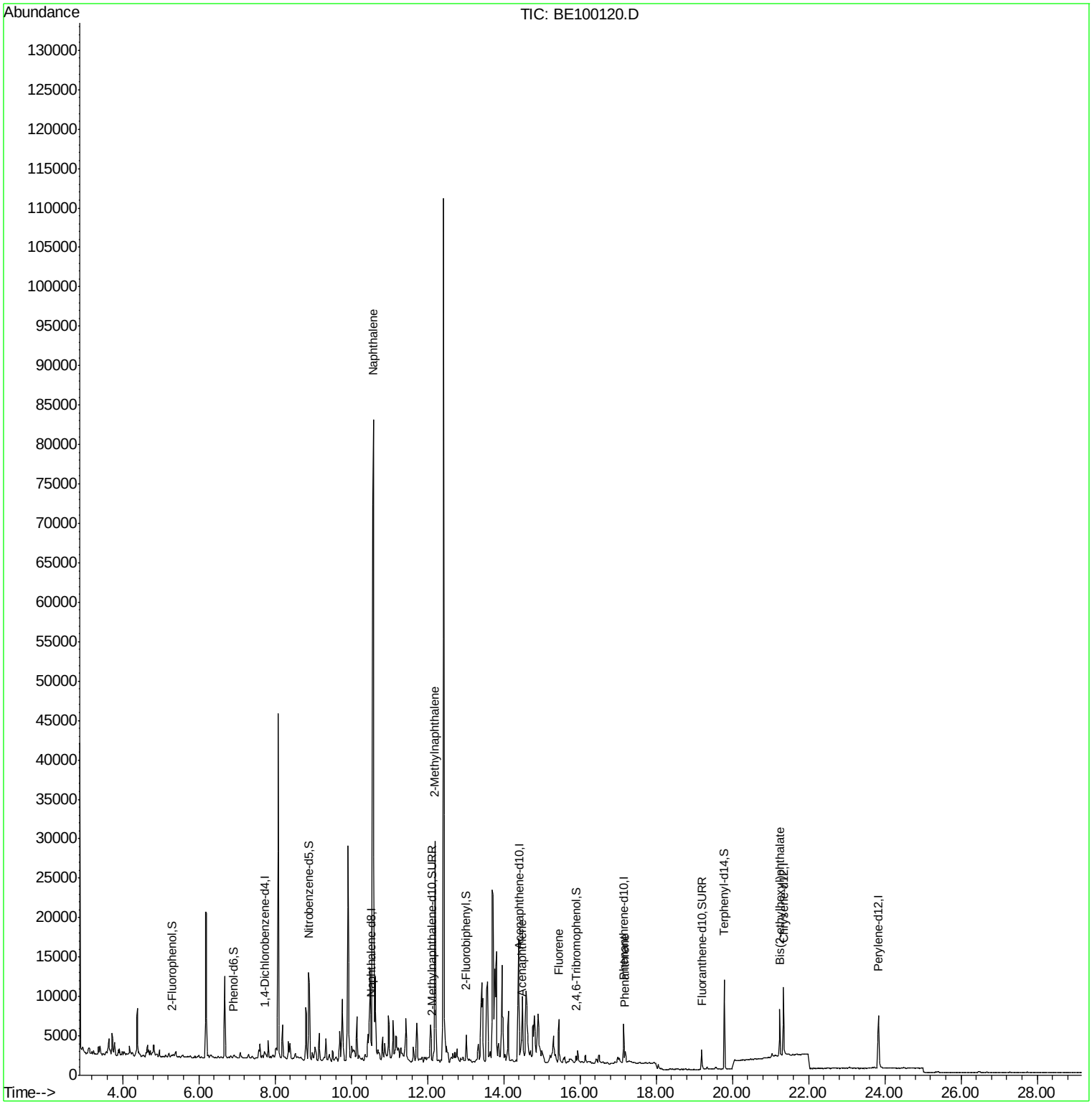
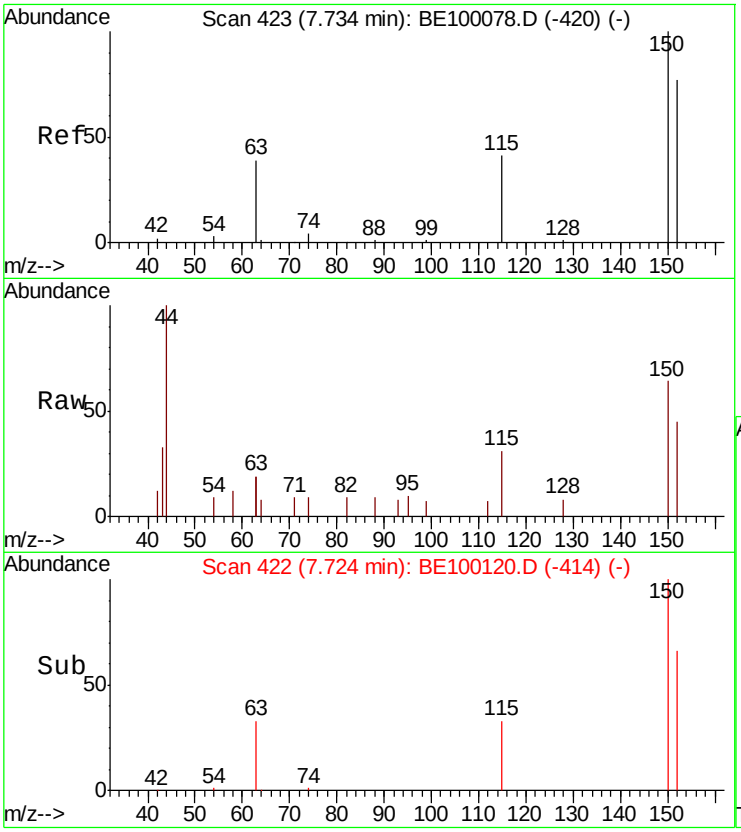


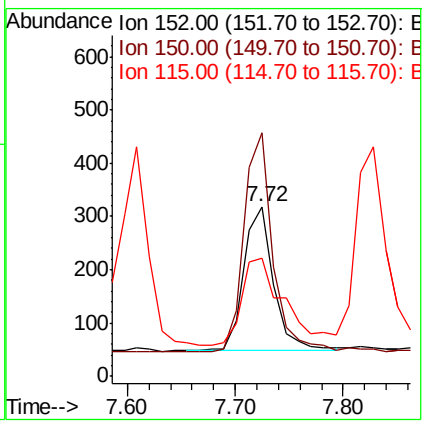


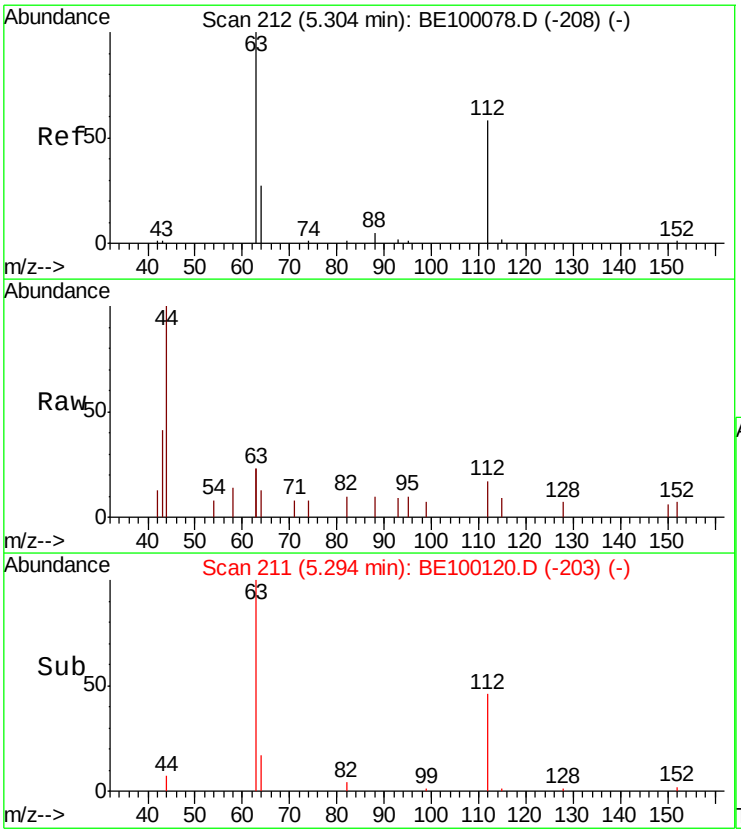
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:152 Resp: 519

Ion	Ratio	Lower	Upper
152	100		
150	143.7	99.8	149.8
115	69.8	51.3	76.9

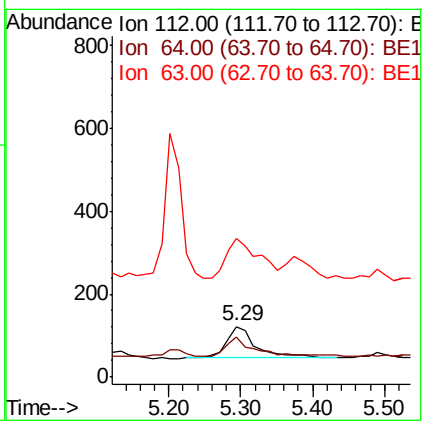


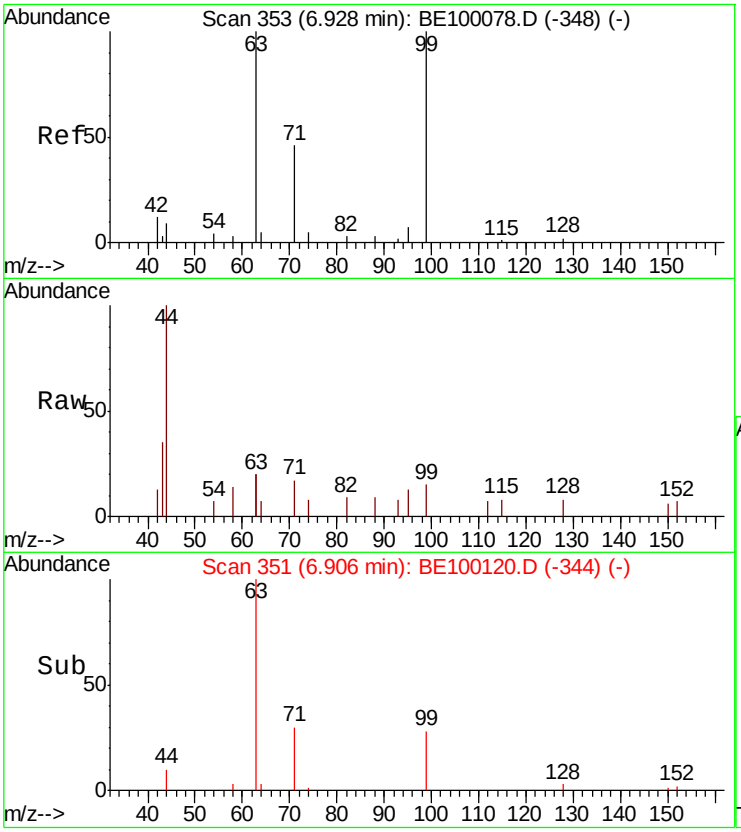


#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:112 Resp: 216

Ion	Ratio	Lower	Upper
112	100		
64	49.5	22.0	33.0#
63	142.1	121.8	182.6



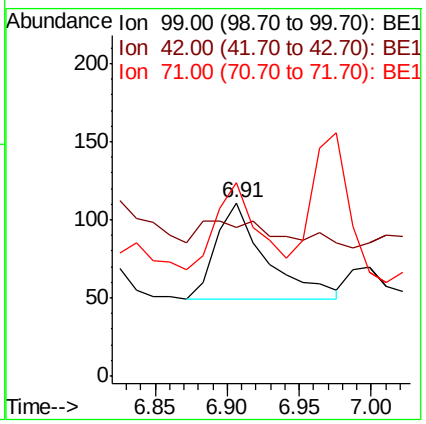


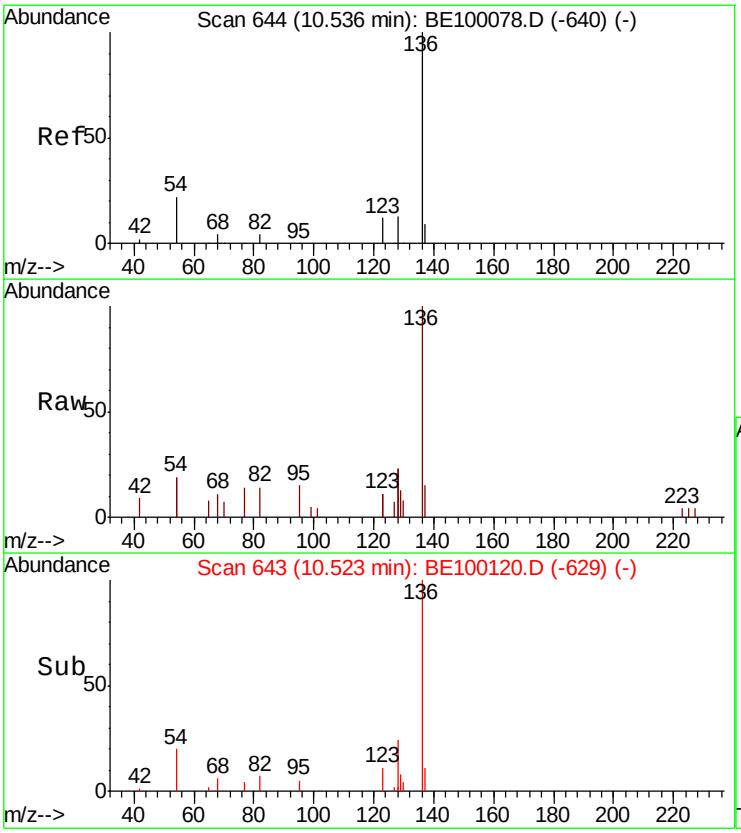
#5
Phenol-d6
Concen: 0.102 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion: 99 Resp: 151

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	71.5	37.6	56.4#

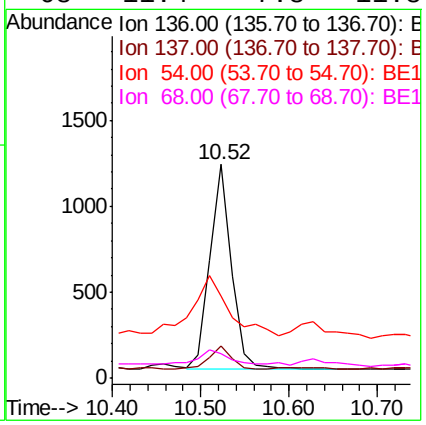


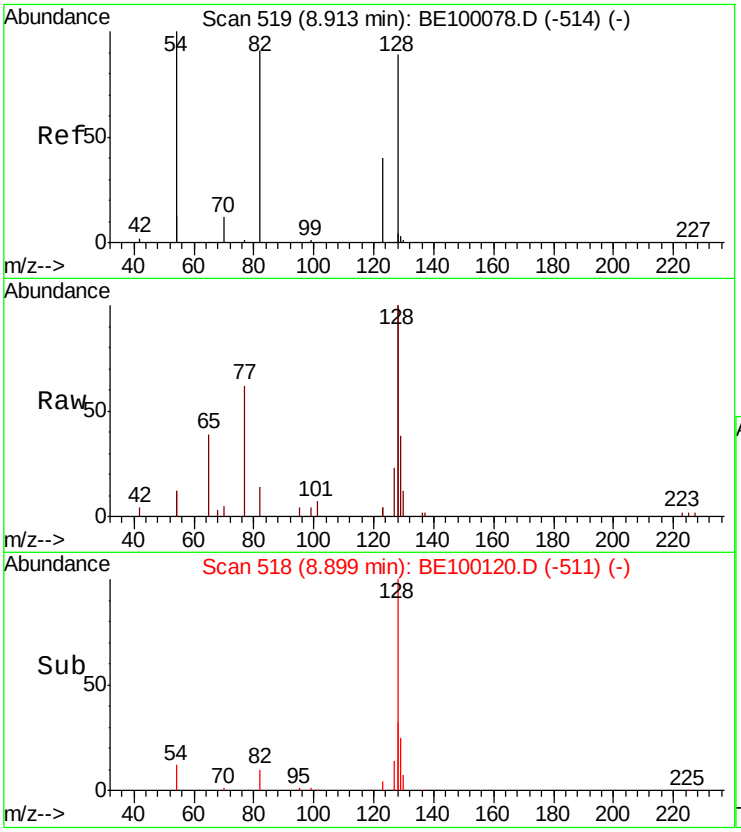


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:136 Resp: 2018

Ion	Ratio	Lower	Upper
136	100		
137	15.0	11.6	17.4
54	38.4	33.9	50.9
68	11.4	7.8	11.8



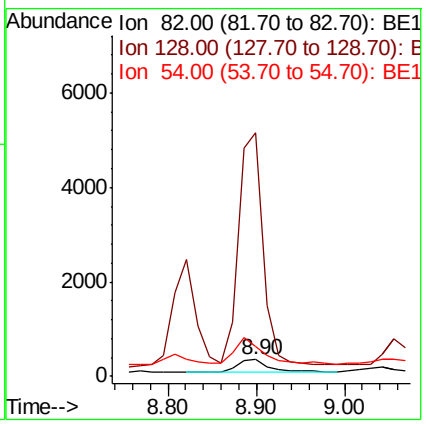


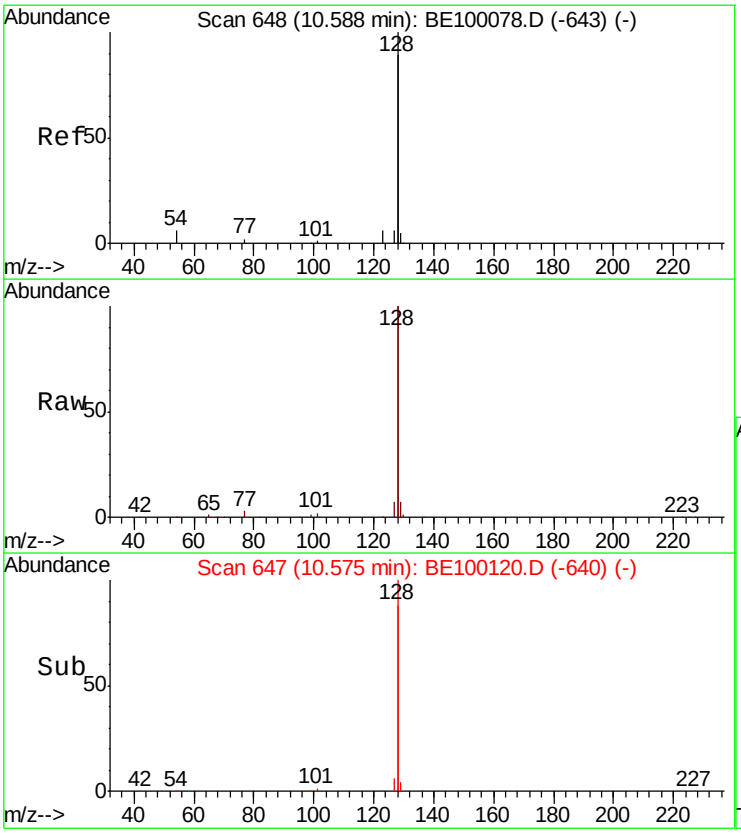
#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion: 82 Resp: 721

Ion	Ratio	Lower	Upper
82	100		
128	1473.1	128.0	192.0#
54	181.7	143.4	215.0

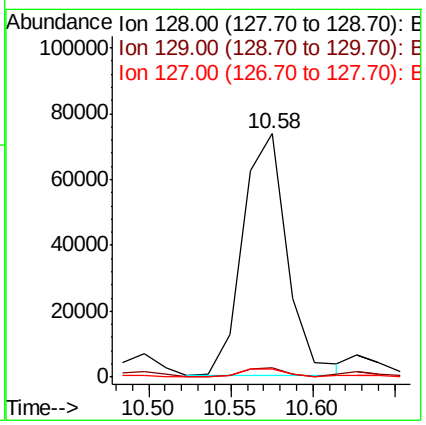


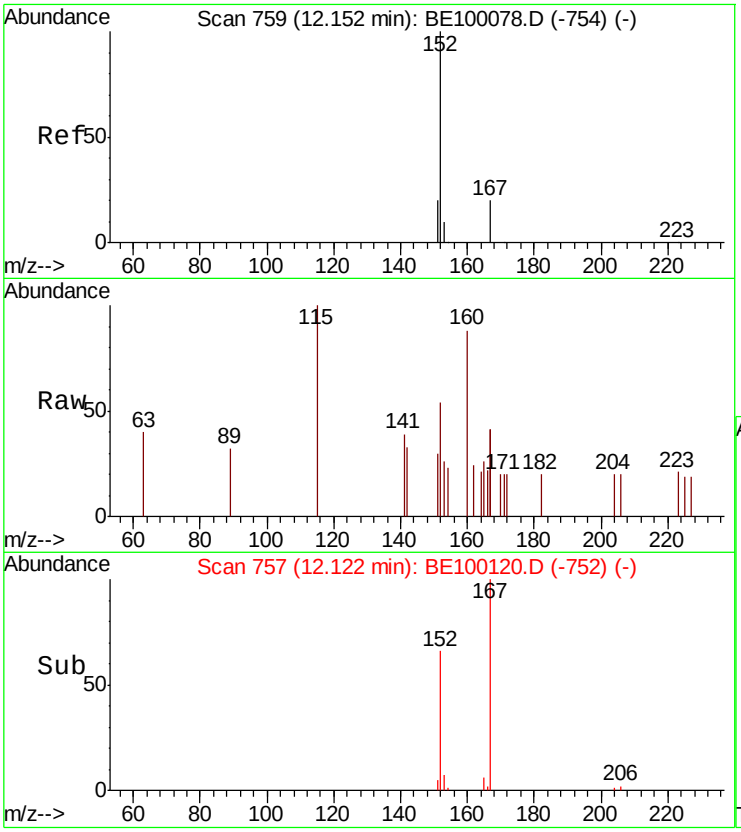


#9
Naphthalene
Concen: 6.343 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:128 Resp: 139095

Ion	Ratio	Lower	Upper
128	100		
129	3.7	3.1	4.7
127	3.5	3.4	5.2



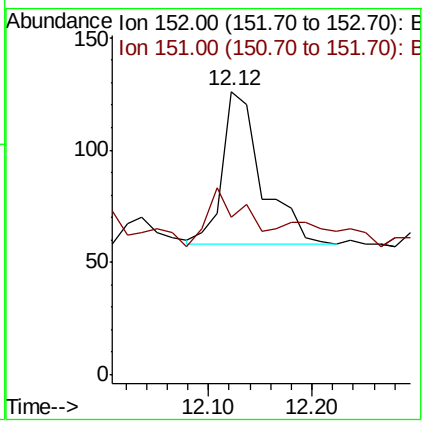


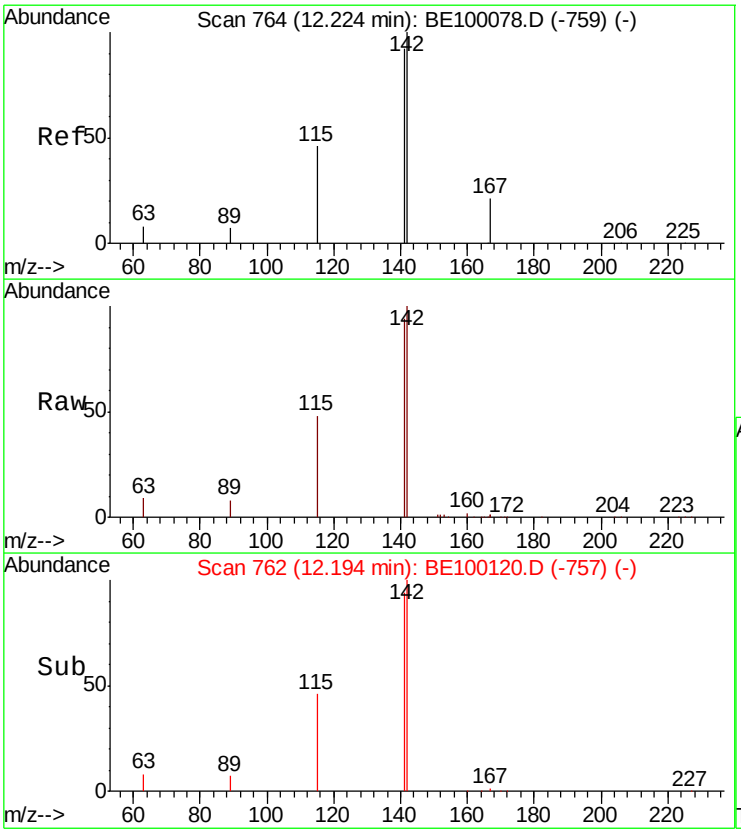
#11
2-Methylnaphthalene-d10
Concen: 0.047 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:152 Resp: 181

Ion	Ratio	Lower	Upper
152	100		
151	38.7	16.3	24.5#

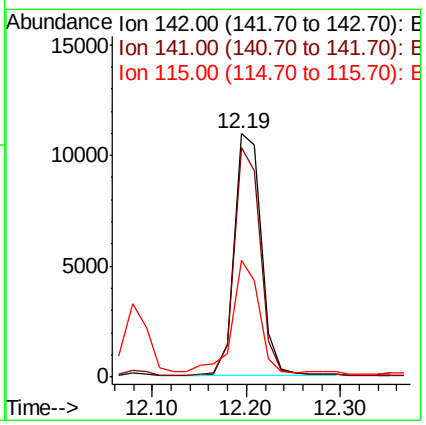


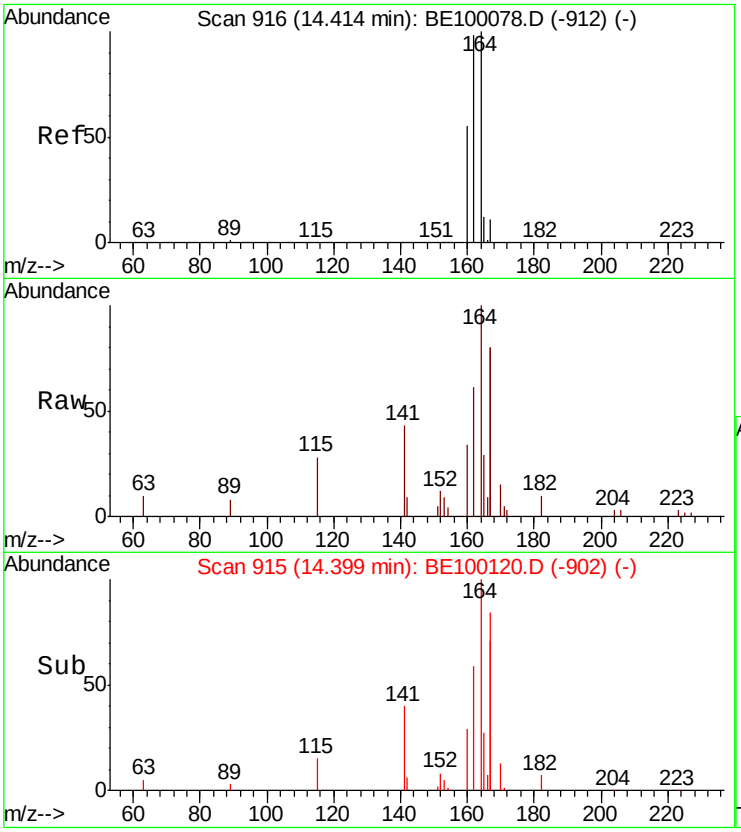


#12
2-Methylnaphthalene
Concen: 6.030 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.03 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:142 Resp: 21747

Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.1	111.1
115	48.1	40.9	61.3



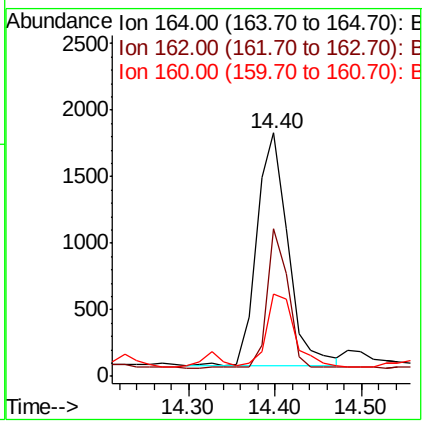


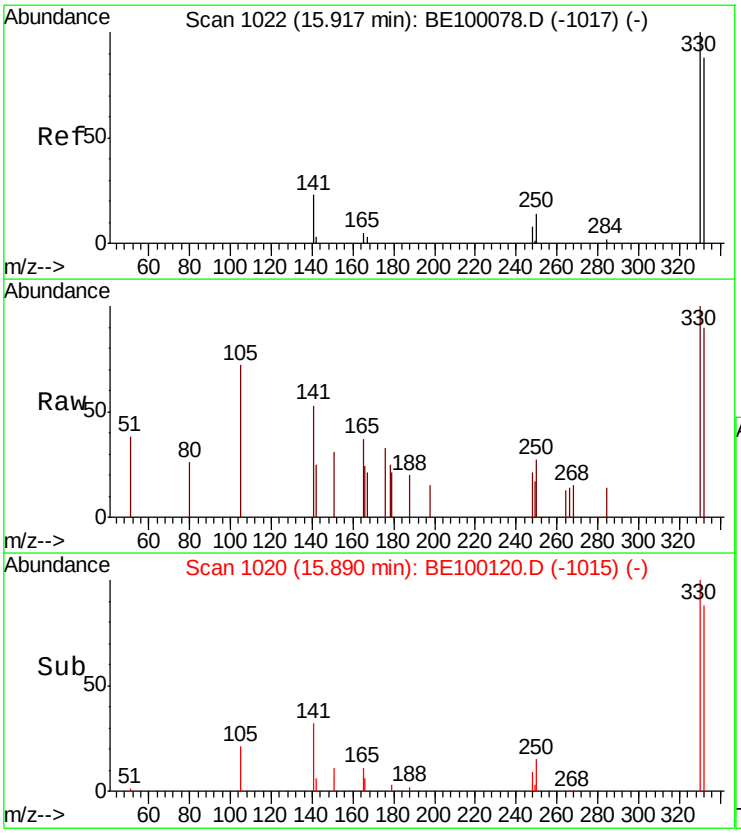
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:164 Resp: 4411

Ion	Ratio	Lower	Upper
164	100		
162	60.9	78.2	117.2#
160	33.8	45.6	68.4#

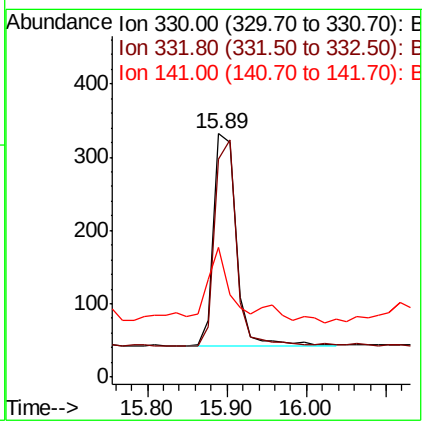


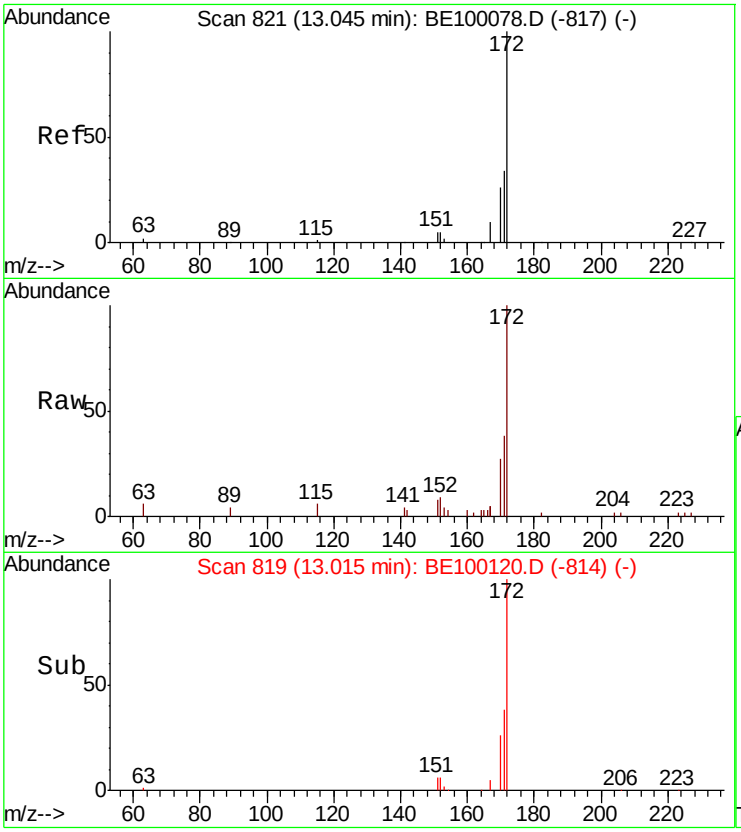


#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:330 Resp: 569

Ion	Ratio	Lower	Upper
330	100		
332	94.2	73.3	109.9
141	27.9	22.2	33.2



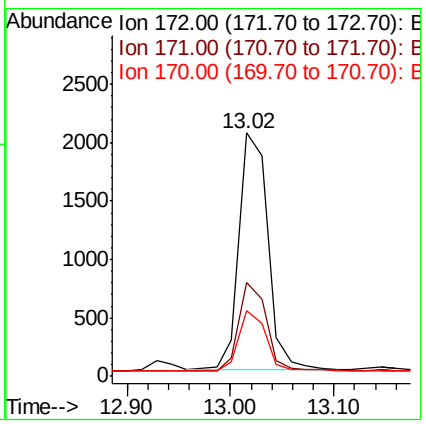


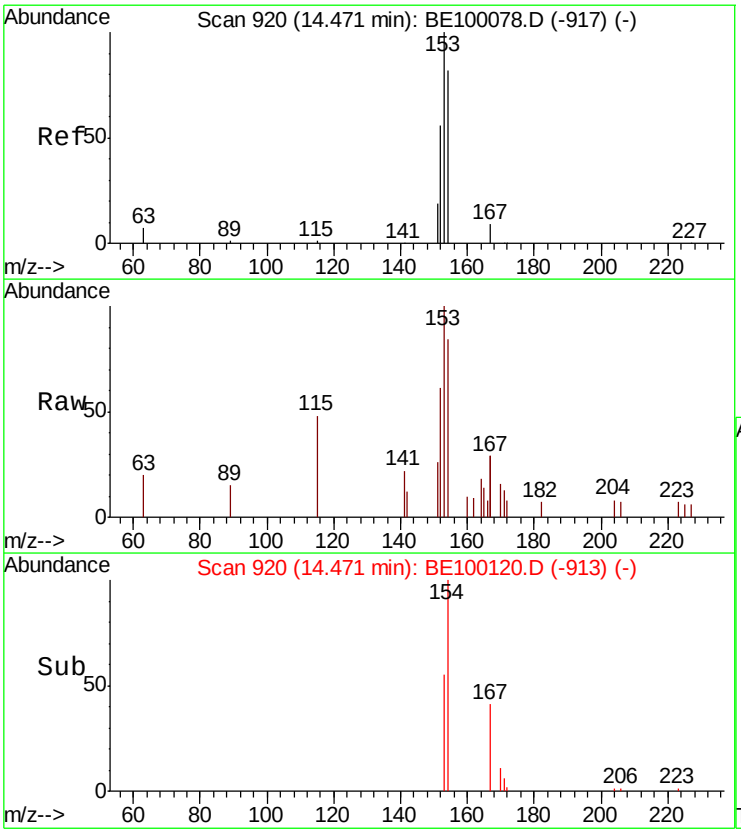
#15
2-Fluorobiphenyl
Concen: 0.225 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:172 Resp: 3906

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.8	44.8
170	27.1	23.2	34.8

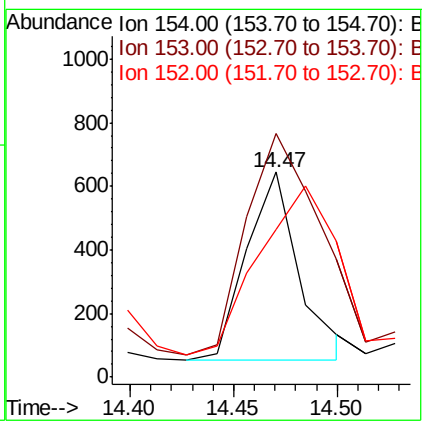


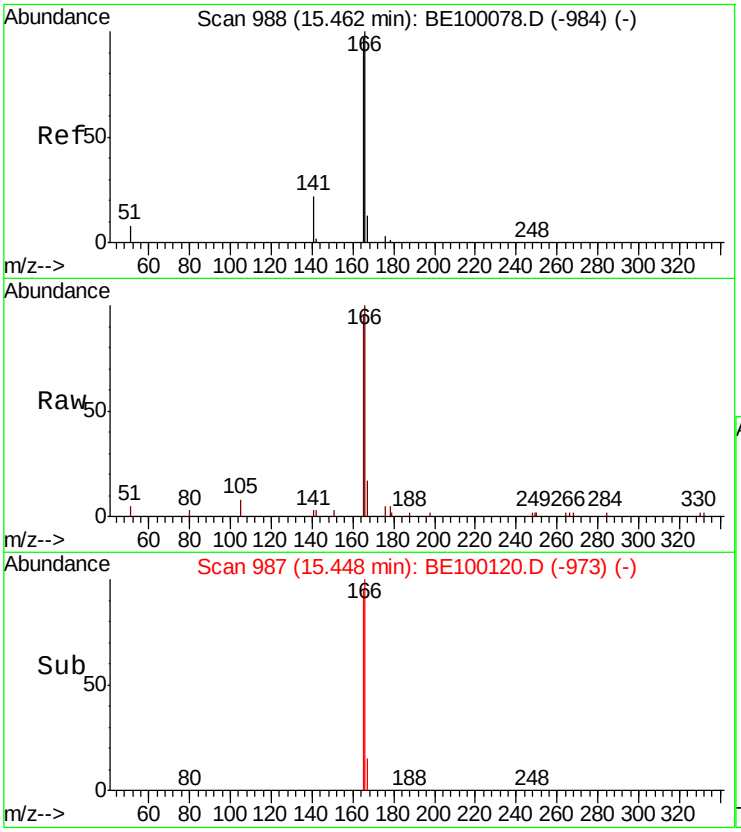


#17
Acenaphthene
Concen: 0.090 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:154 Resp: 1054

Ion	Ratio	Lower	Upper
154	100		
153	162.1	95.5	143.3#
152	129.2	54.9	82.3#



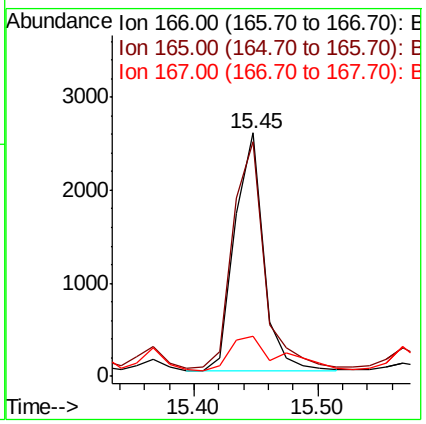


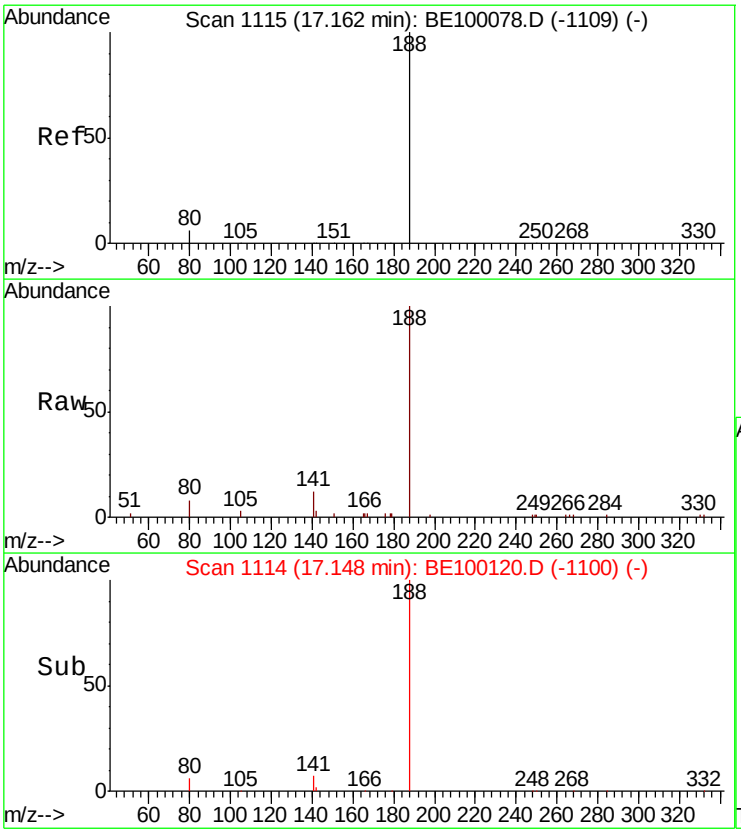
#18
Fluorene
Concen: 0.235 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:166 Resp: 4100

Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.8	119.8
167	24.6	10.2	15.4#

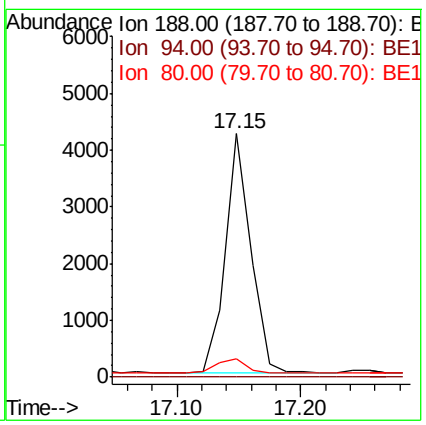


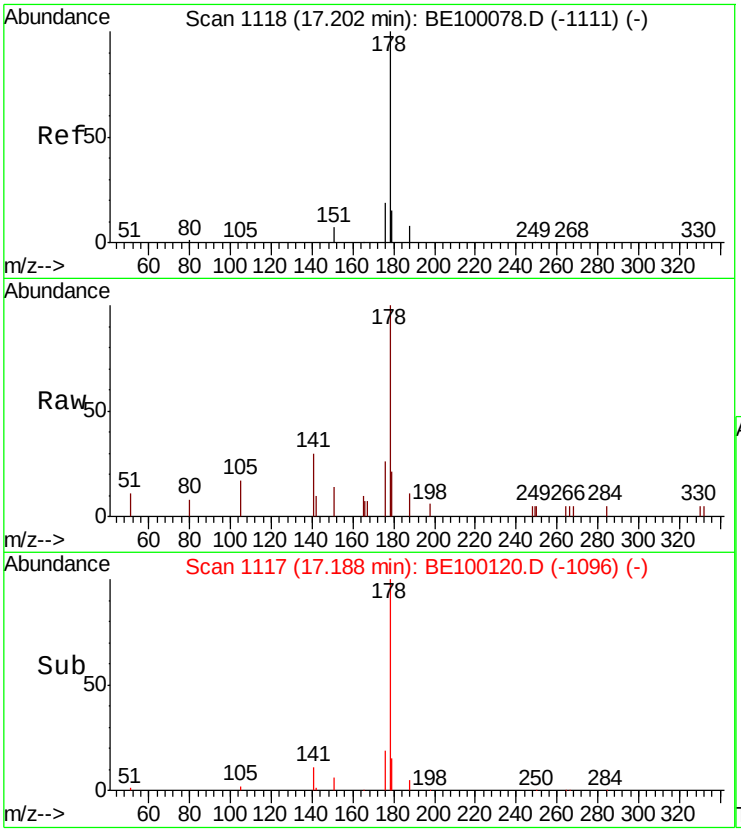


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:188 Resp: 6035

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.3	9.5



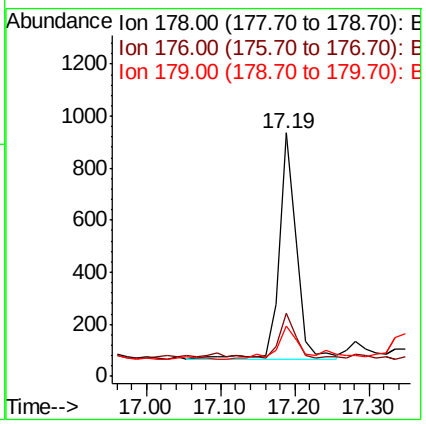


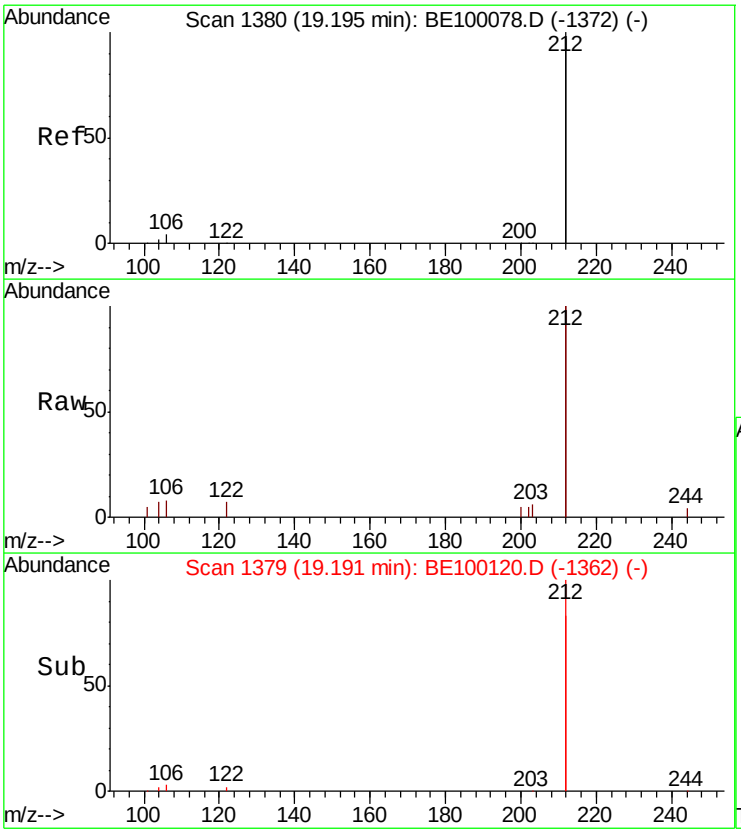
#23
Phenanthrene
Concen: 0.095 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:178 Resp: 1380

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.9	23.9
179	17.0	13.1	19.7

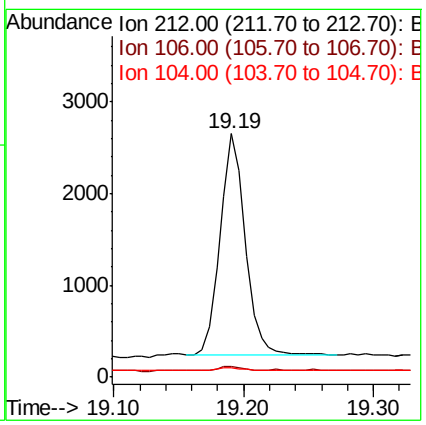


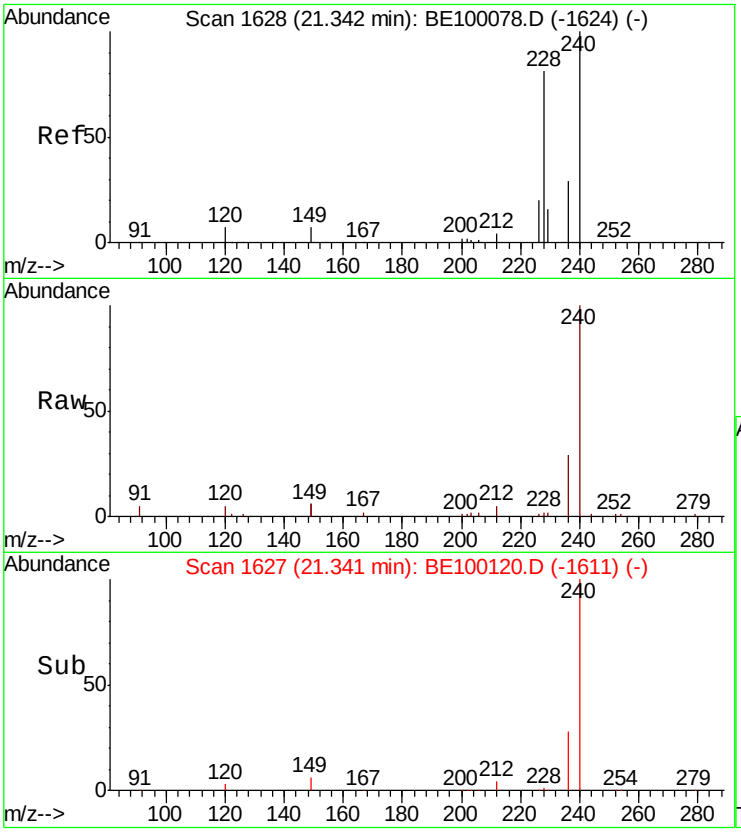


#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:212 Resp: 3268

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.4	2.0#
104	1.6	0.8	1.2#



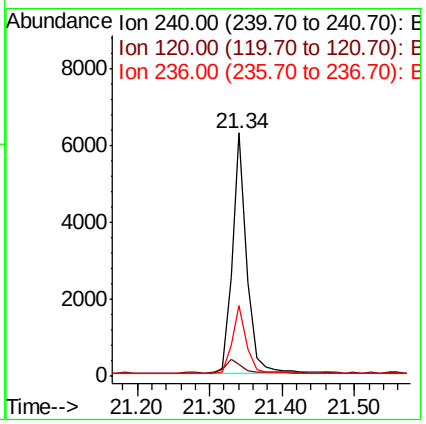


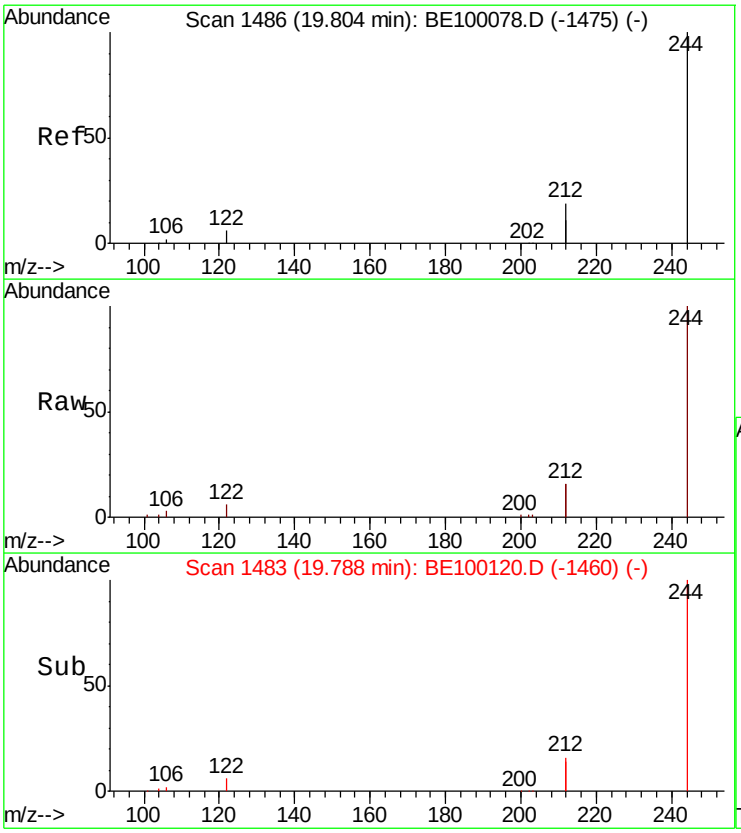
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:240 Resp: 8992

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.6	10.0#
236	28.9	23.8	35.6

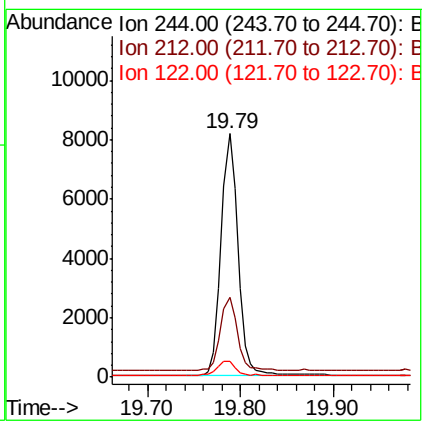


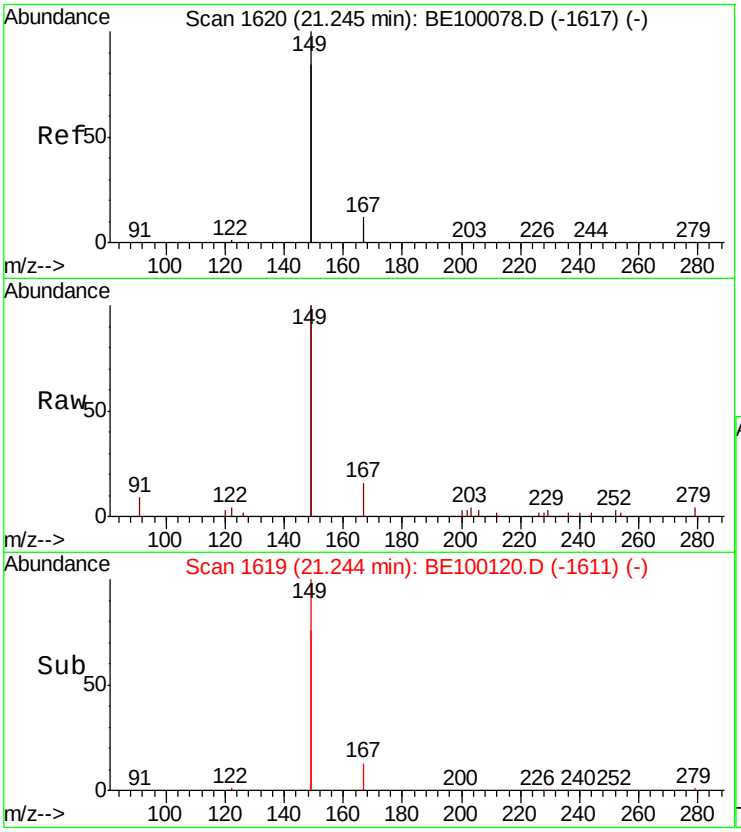


#29
Terphenyl-d14
Concen: 0.574 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:244 Resp: 10319

Ion	Ratio	Lower	Upper
244	100		
212	32.7	29.8	44.8
122	6.5	6.1	9.1



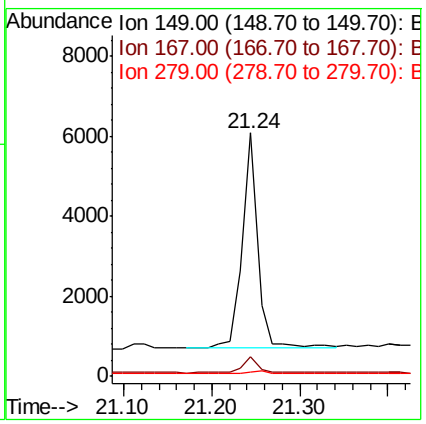


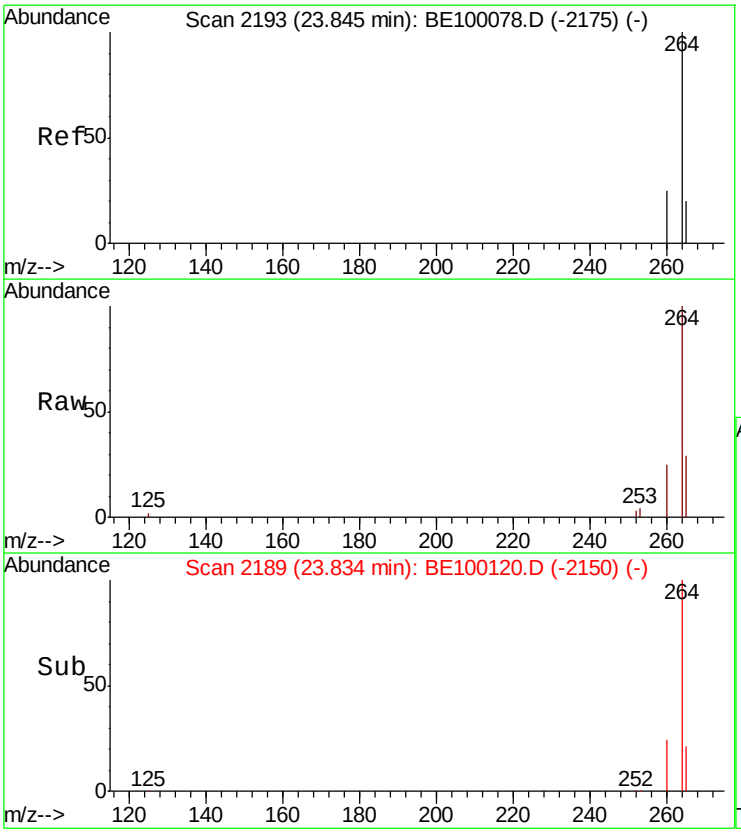
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.266 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

Tgt Ion:149 Resp: 6702

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.6
279	2.1	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: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:264 Resp: 10189

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.8	31.2
265	28.6	23.2	34.8