Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100128.D
Acq On : 21 Jun 2019 3:52
Operator : JU/SJ
Sample : K3345-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-9_061119

Quant Time: Jun 21 06:51:58 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	617	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2284	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	2230	0.40	ng	0.00
19) Phenanthrene-d10	17.15	188	7970	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10355	0.40	ng	0.00
34) Perylene-d12	23.84	264	11928	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	336	0.26	ng	-0.01
5) Phenol-d6	6.91	99	259	0.15	ng	-0.02
8) Nitrobenzene-d5	8.90	82	875	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	156	0.04	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	672	0.55	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	4156	0.47	ng	-0.01
25) Fluoranthene-d10	19.19	212	3958	0.03	ng	0.00
29) Terphenyl-d14	19.79	244	12006	0.58	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	23	0.023	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	23	0.377	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	13	0.041	ng	# 53
22) Pentachlorophenol	16.91	266	9	0.248	ng	90
26) Fluoranthene	19.22	202	794	0.026	ng	# 96
28) Pyrene	19.59	202	681	0.026	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.24	149	3464	0.119	ng	# 98
35) Benzo(b)fluoranthene	23.07	252	929	0.027	ng	# 1
36) Benzo(k)fluoranthene	23.07	252	929	0.023	ng	# 1

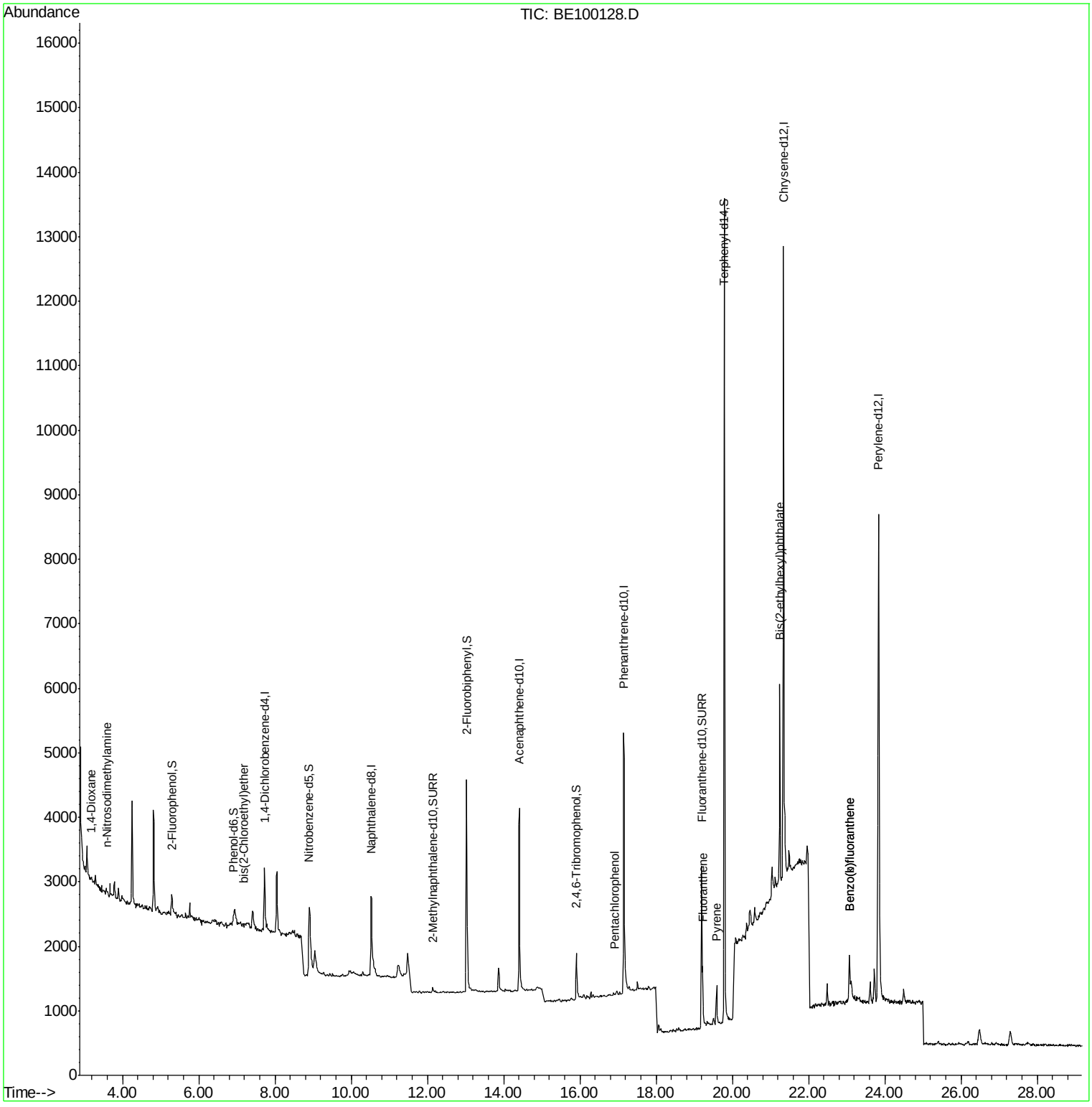
(#) = qualifier out of range (m) = manual integration (+) = signals summed

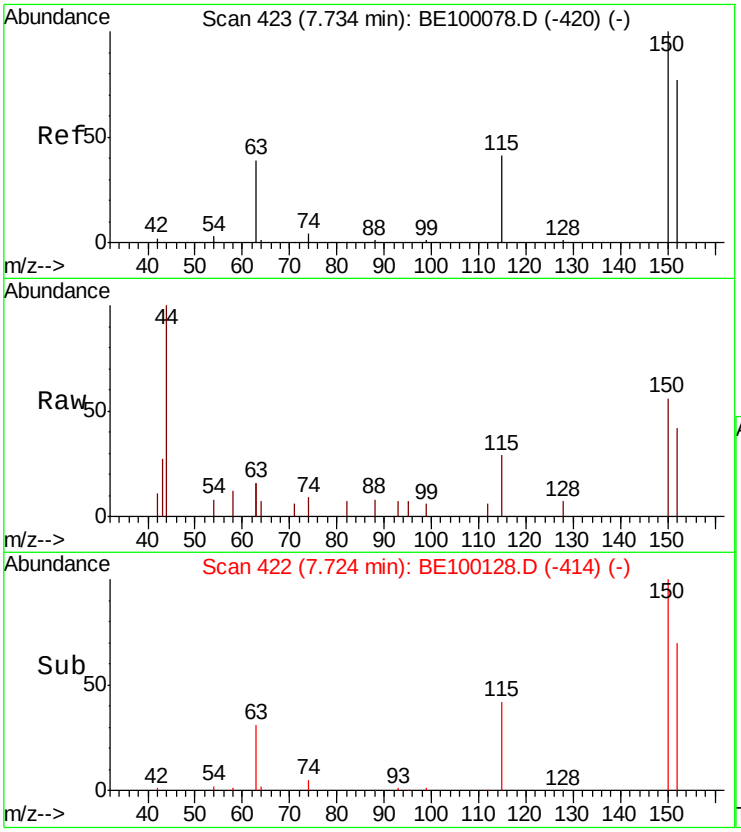
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100128.D
Acq On : 21 Jun 2019 3:52
Operator : JU/SJ
Sample : K3345-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Quant Time: Jun 21 06:51:58 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



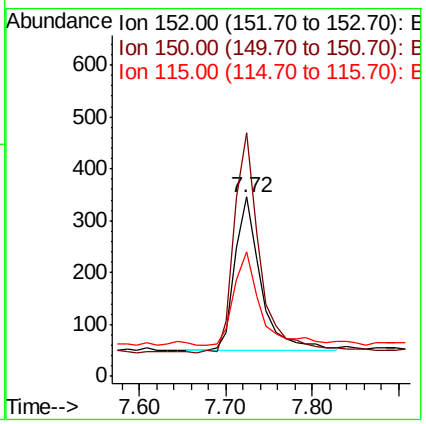


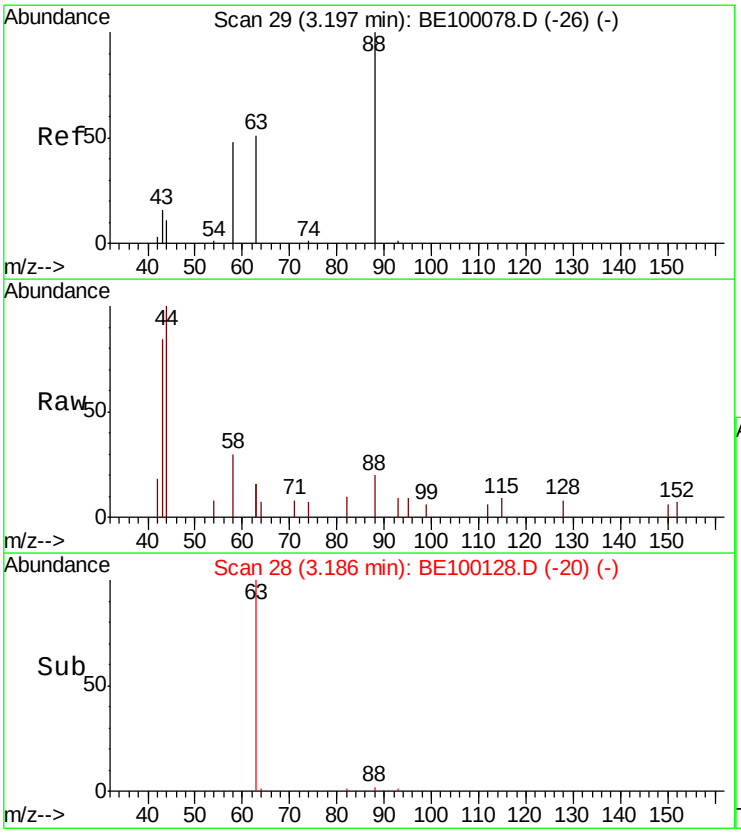
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:152 Resp: 617

Ion	Ratio	Lower	Upper
152	100		
150	135.5	99.8	149.8
115	69.7	51.3	76.9

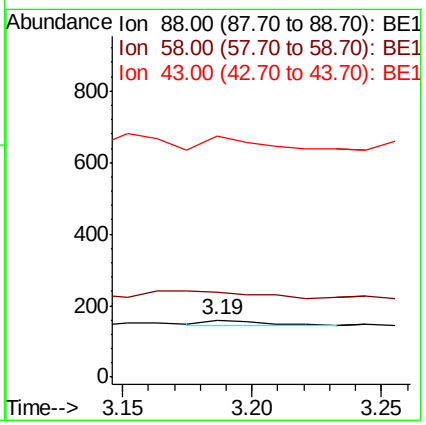


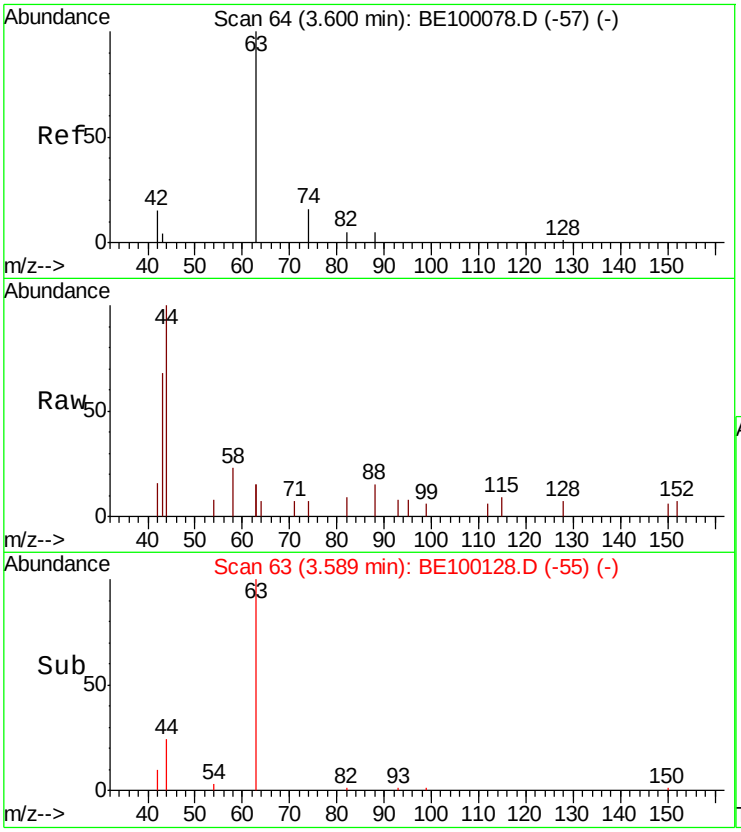


#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.1	76.7#
43	217.4	21.7	32.5#



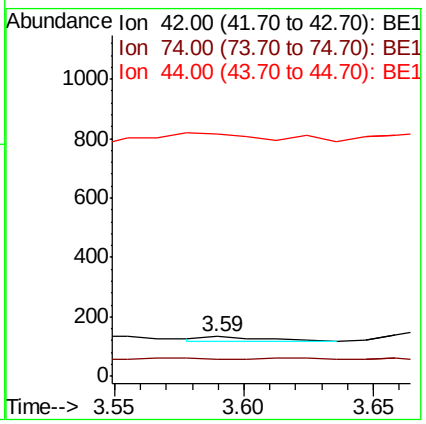


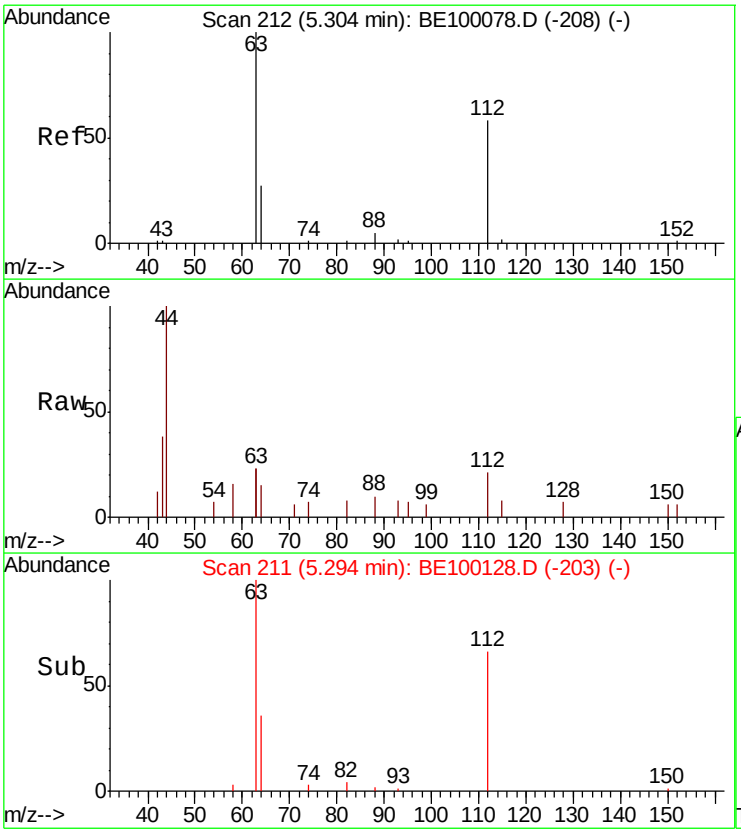
#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion: 42 Resp: 23

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

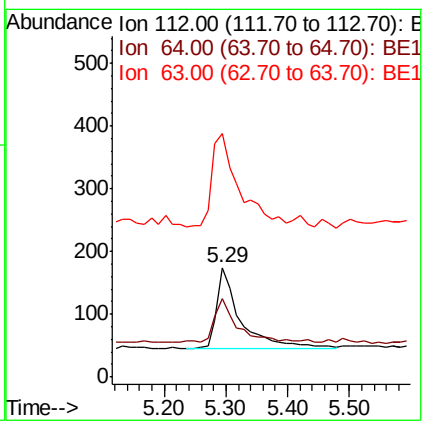


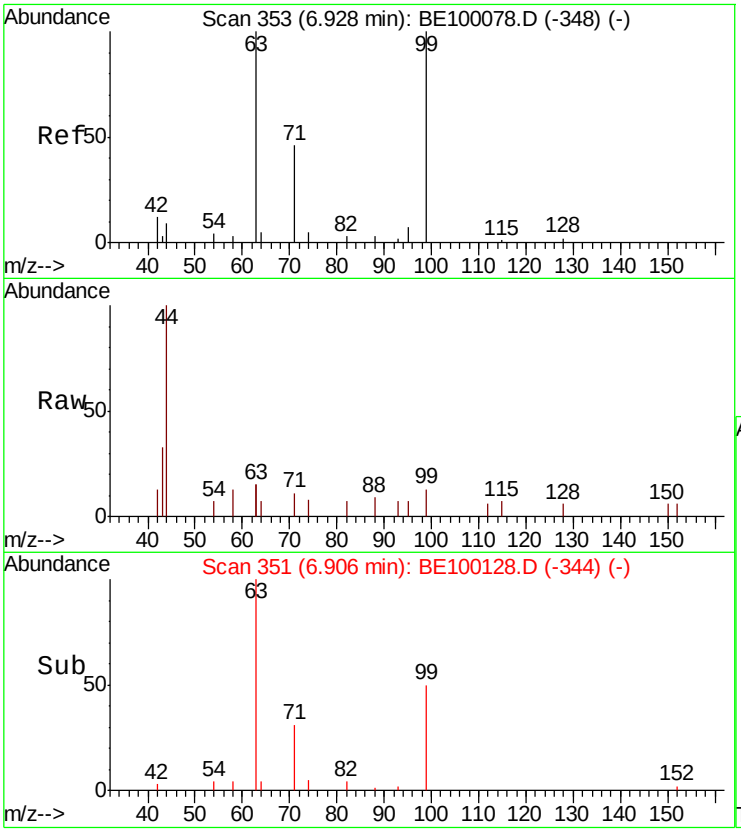


#4
2-Fluorophenol
Concen: 0.262 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:112 Resp: 336

Ion	Ratio	Lower	Upper
112	100		
64	54.5	22.0	33.0#
63	131.5	121.8	182.6



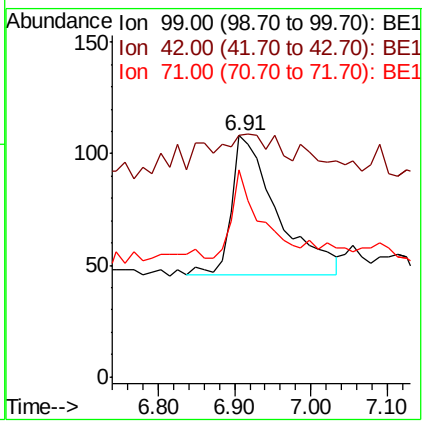


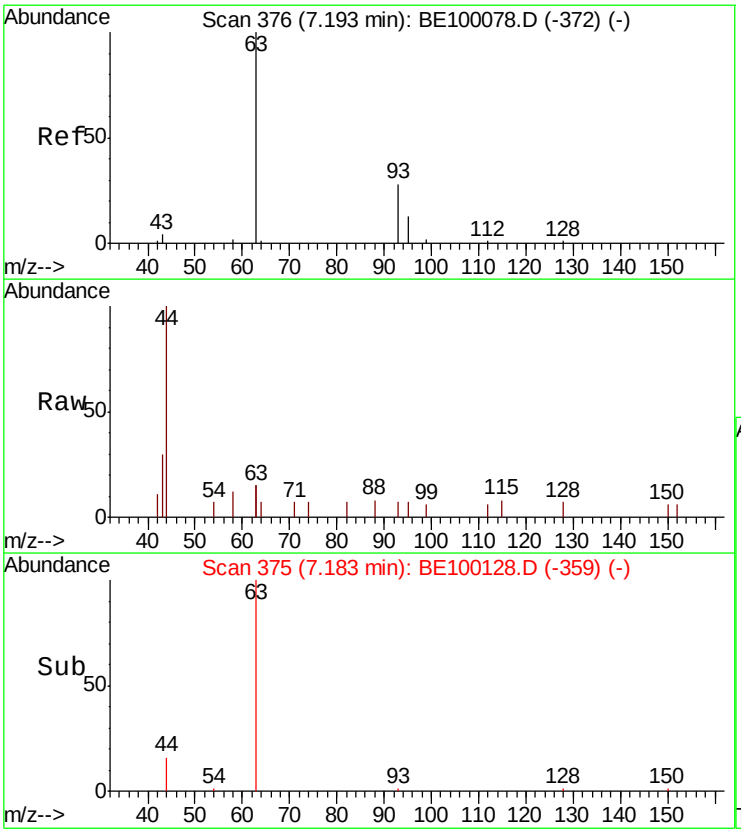
#5
Phenol-d6
Concen: 0.147 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion: 99 Resp: 259

Ion	Ratio	Lower	Upper
99	100		
42	27.0	0.0	0.0#
71	40.2	37.6	56.4

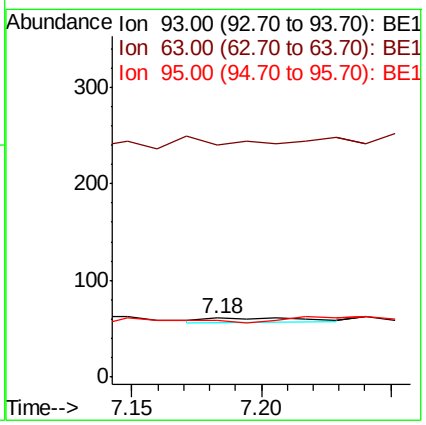


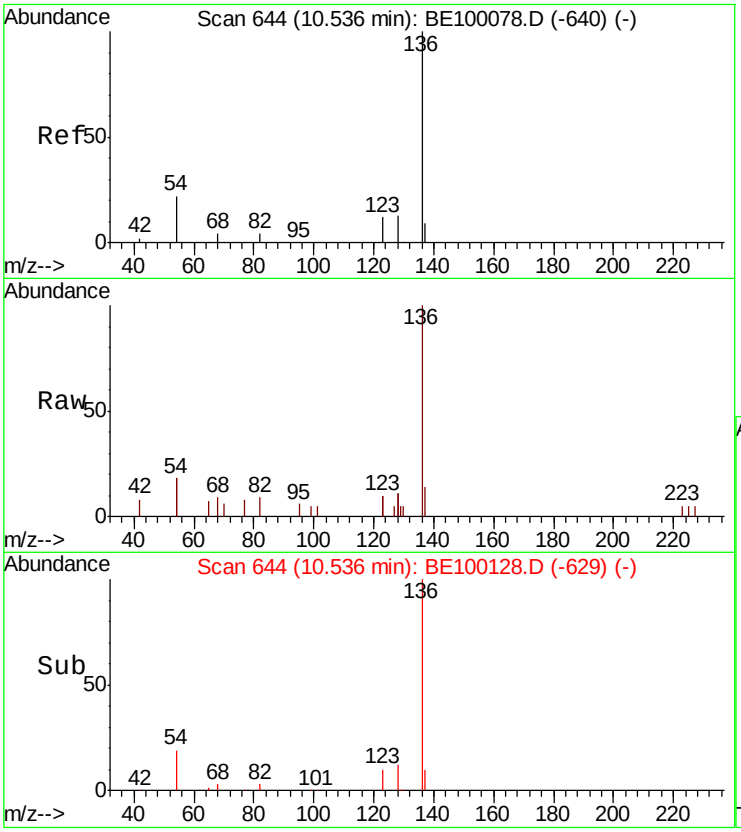


#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion: 93 Resp: 13

Ion	Ratio	Lower	Upper
93	100		
63	169.2	200.0	300.0#
95	0.0	24.0	36.0#



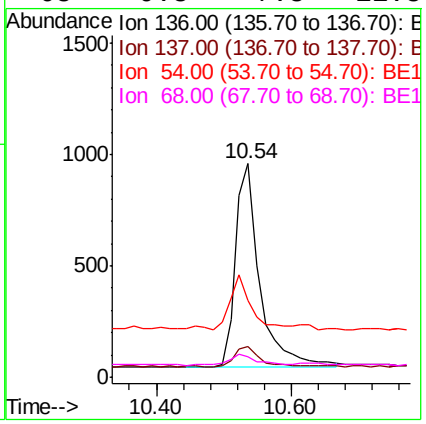


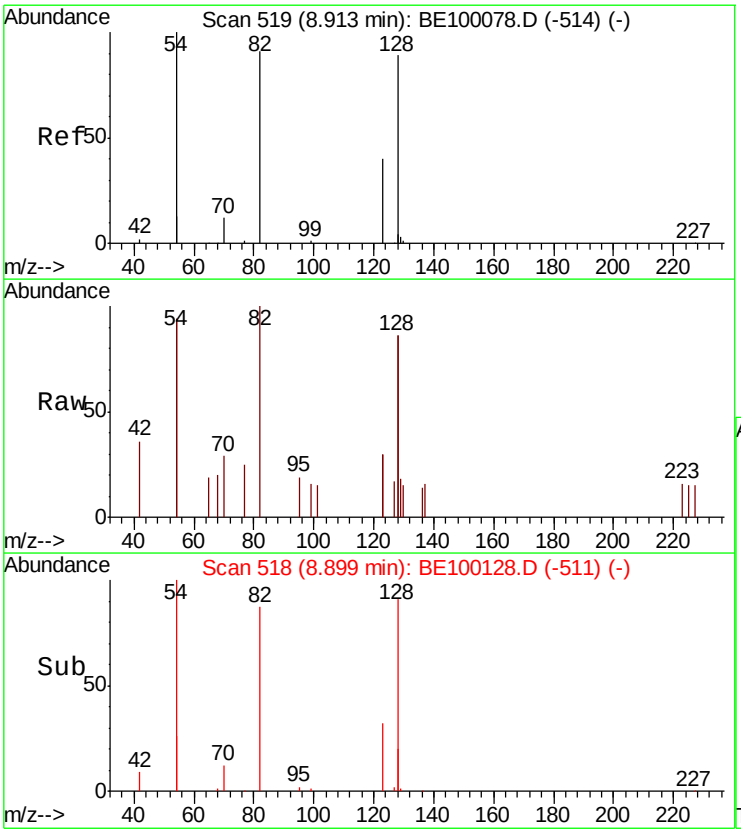
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:136 Resp: 2284

Ion	Ratio	Lower	Upper
136	100		
137	14.5	11.6	17.4
54	35.9	33.9	50.9
68	9.3	7.8	11.8

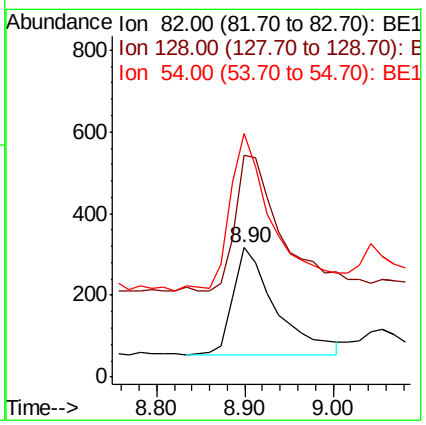


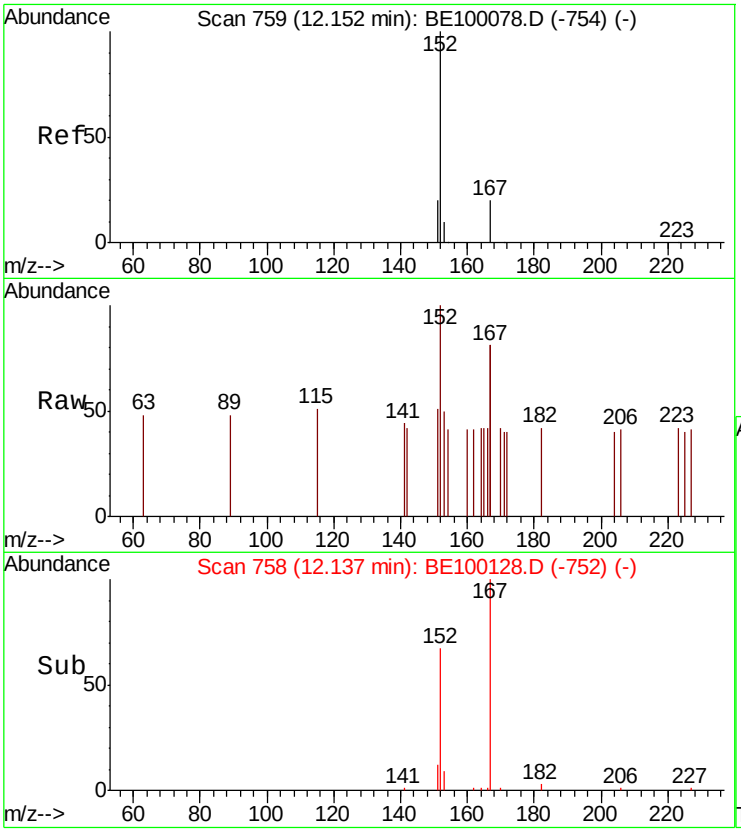


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion: 82 Resp: 875

Ion	Ratio	Lower	Upper
82	100		
128	172.2	128.0	192.0
54	188.6	143.4	215.0



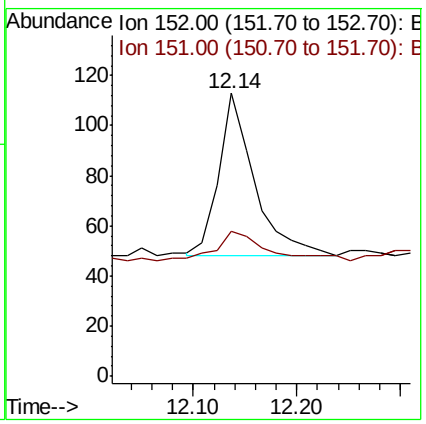


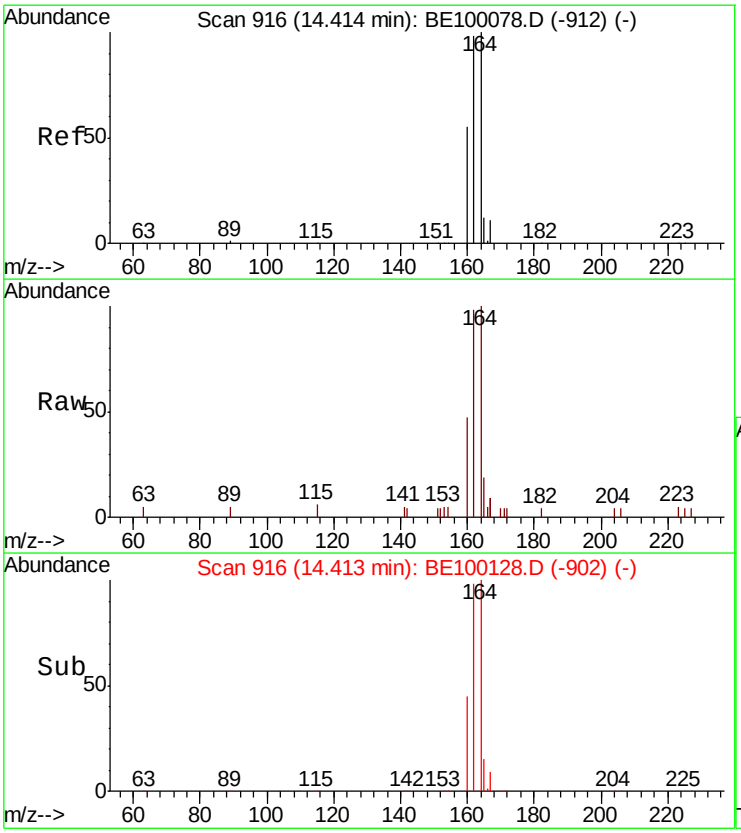
#11
2-Methylnaphthalene-d10
Concen: 0.036 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:152 Resp: 156

Ion	Ratio	Lower	Upper
152	100		
151	25.0	16.3	24.5#

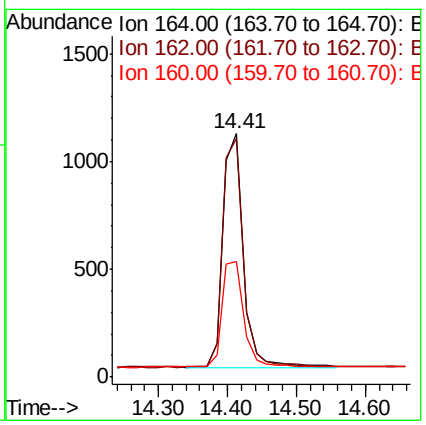


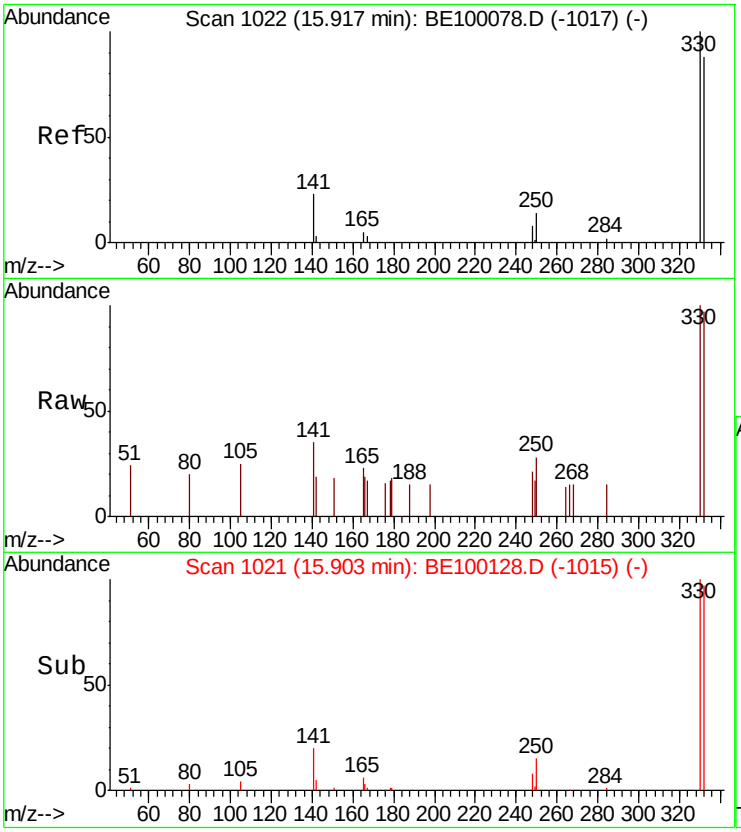


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:164 Resp: 2230

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.2	117.2
160	47.3	45.6	68.4



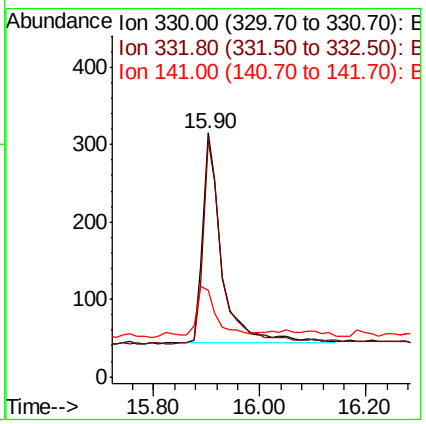


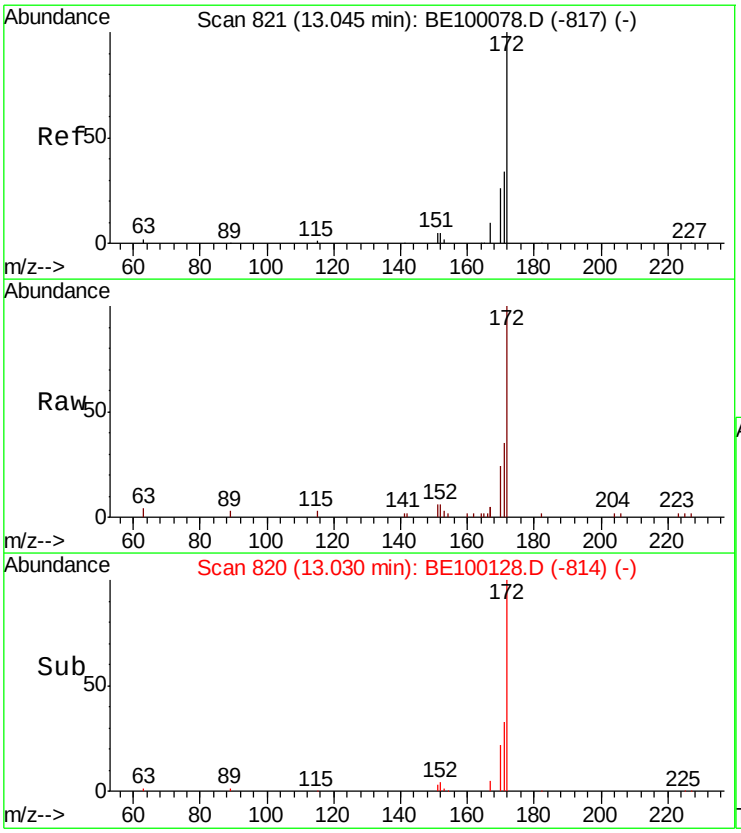
#14
2,4,6-Tribromophenol
Concen: 0.546 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:330 Resp: 672

Ion	Ratio	Lower	Upper
330	100		
332	93.3	73.3	109.9
141	22.3	22.2	33.2

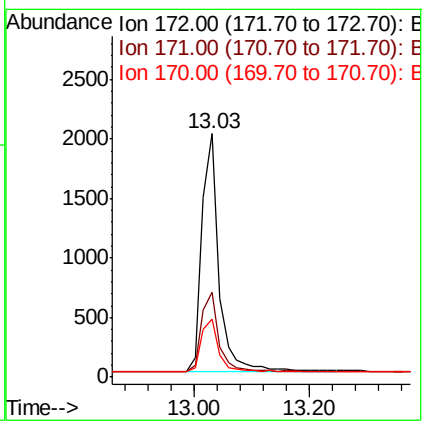


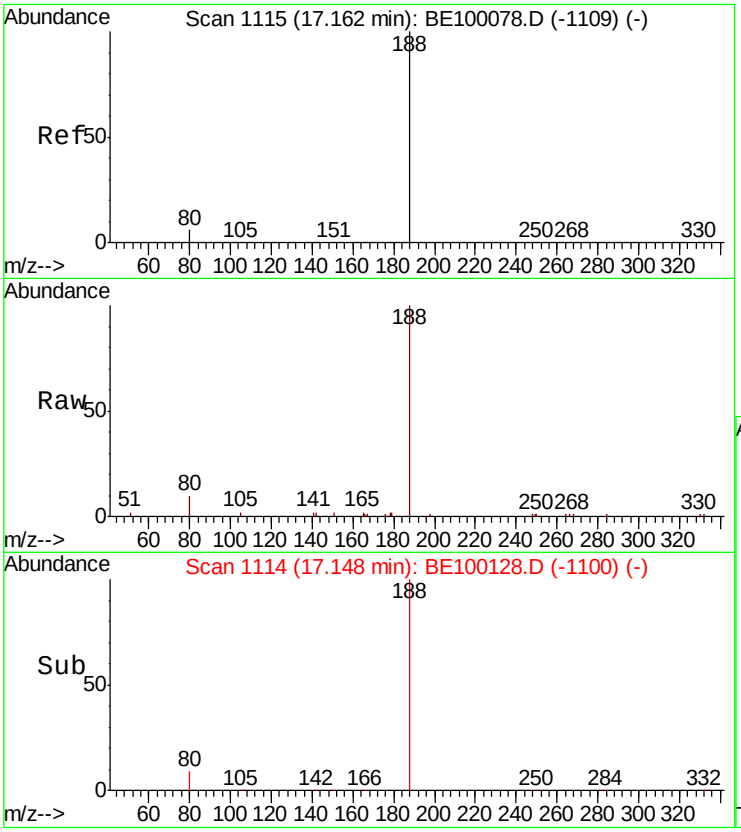


#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:172 Resp: 4156

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.8	44.8
170	23.6	23.2	34.8



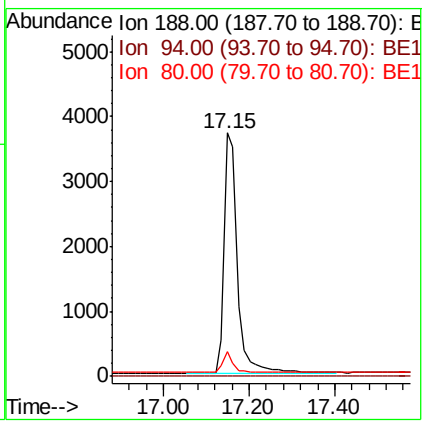


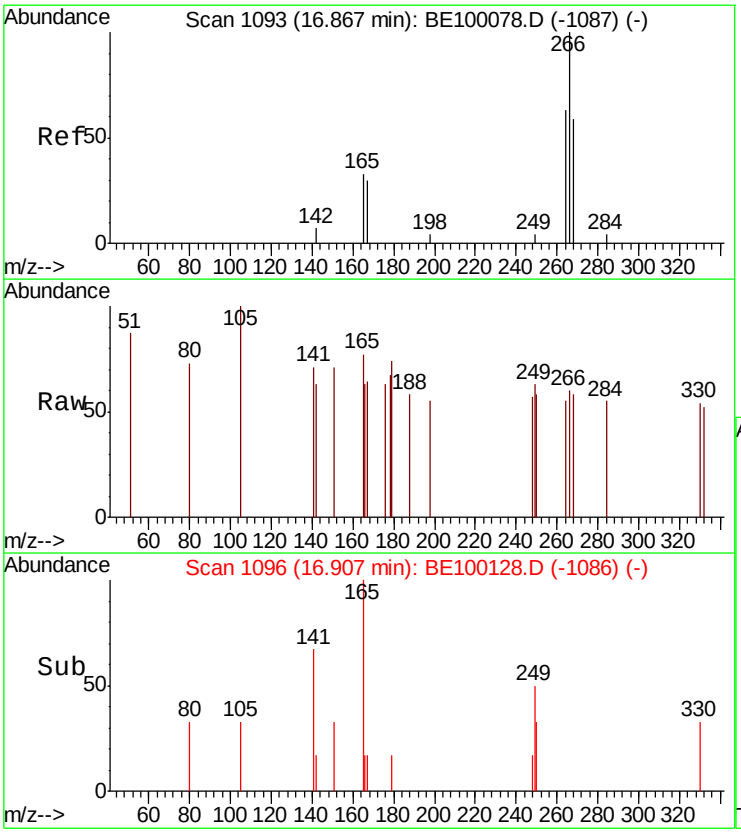
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:188 Resp: 7970

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	6.3	9.5#

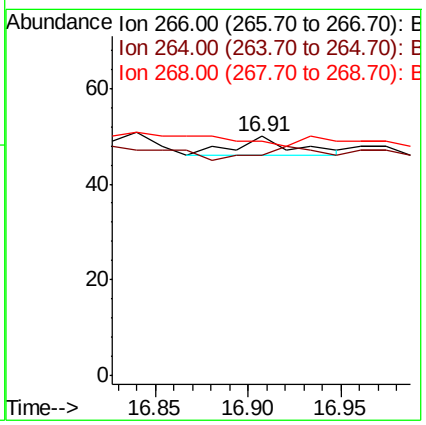


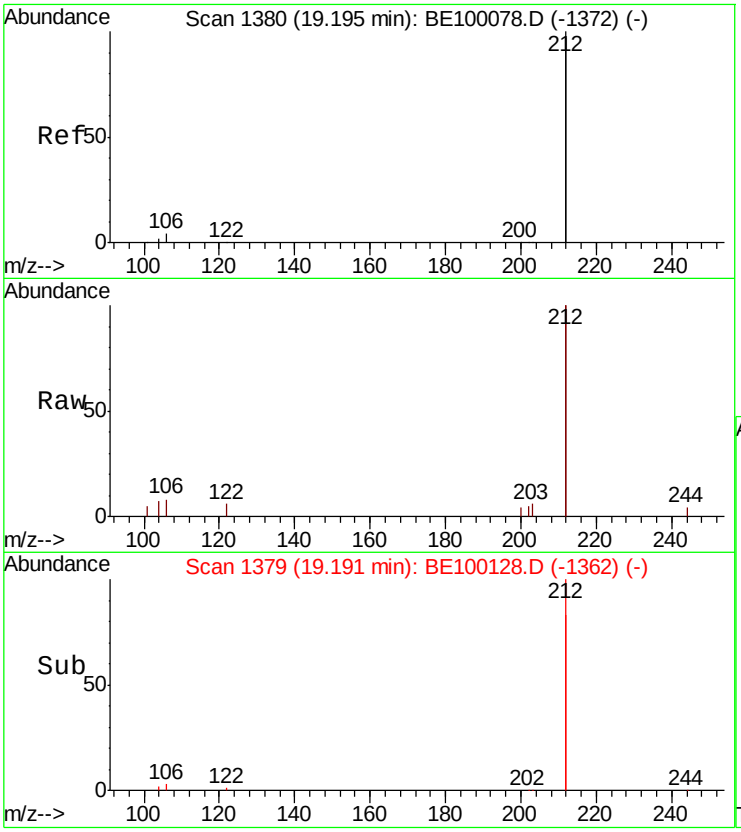


#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.04 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	92.0	67.8	101.6
268	98.0	70.0	105.0



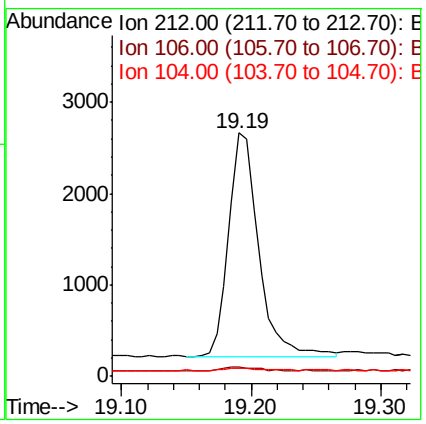


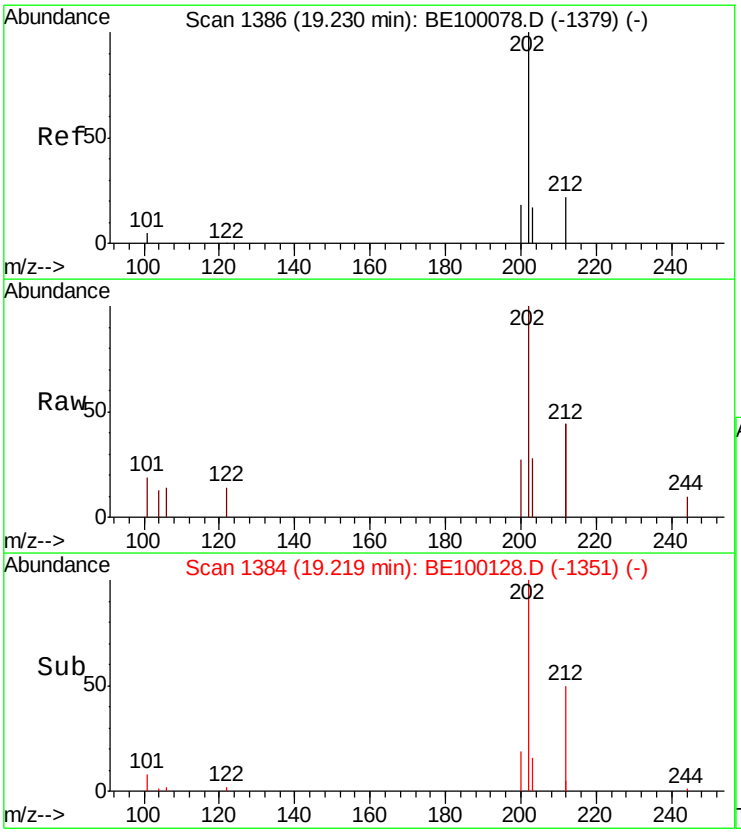
#25
Fluoranthene-d10
Concen: 0.035 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:212 Resp: 3958

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

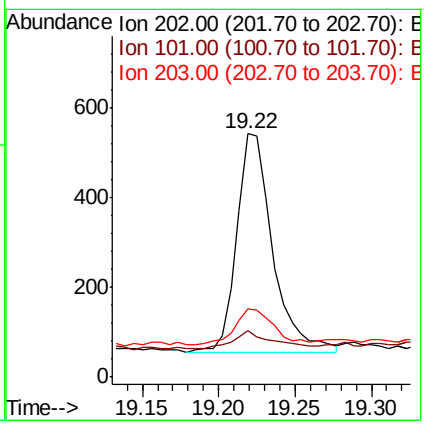


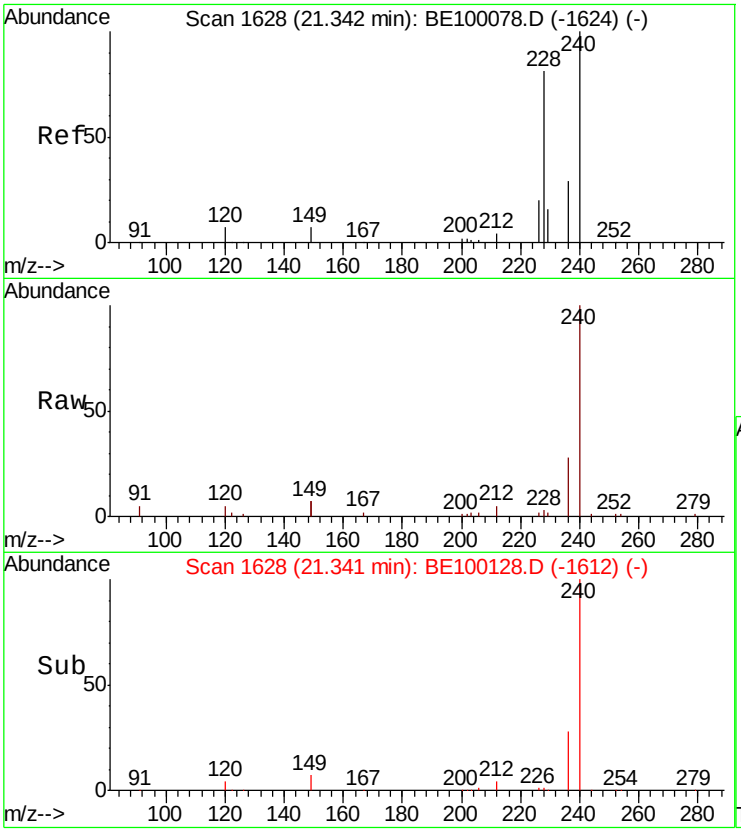


#26
Fluoranthene
Concen: 0.026 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:202 Resp: 794

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.0	7.4#
203	17.9	13.7	20.5



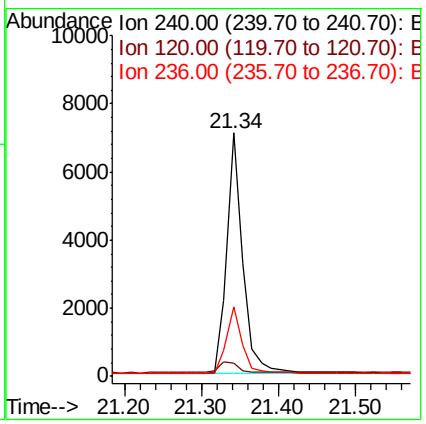


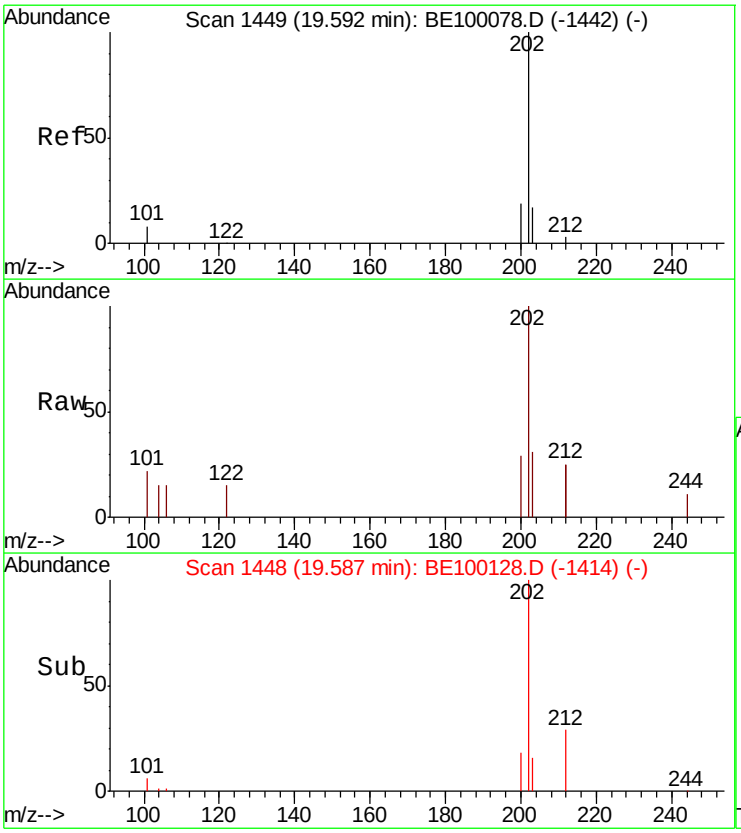
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:240 Resp: 10355

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.6	10.0#
236	28.4	23.8	35.6

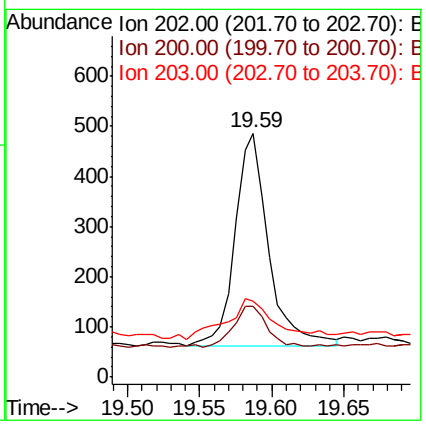


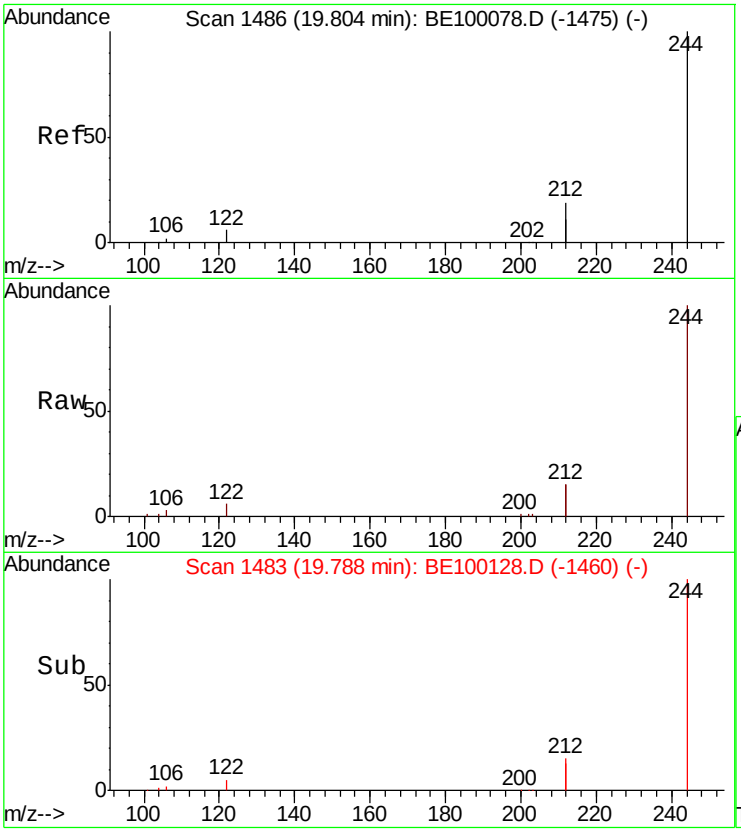


#28
Pyrene
Concen: 0.026 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:202 Resp: 681

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.6	23.4
203	26.0	13.9	20.9#



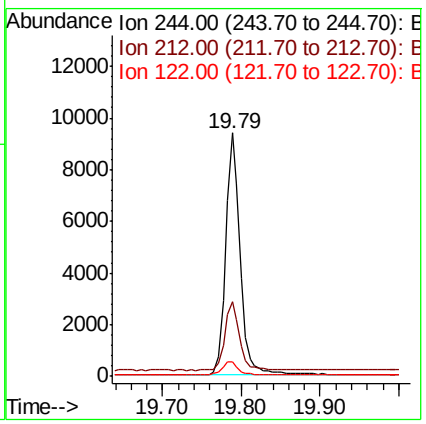


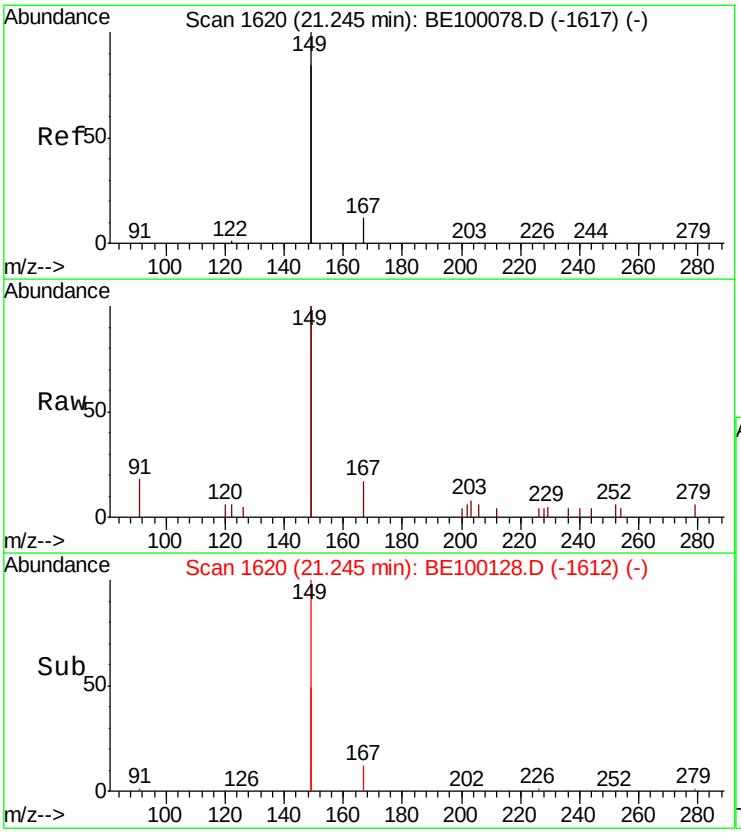
#29
Terphenyl-d14
Concen: 0.580 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:244 Resp: 12006

Ion	Ratio	Lower	Upper
244	100		
212	30.5	29.8	44.8
122	5.8	6.1	9.1#

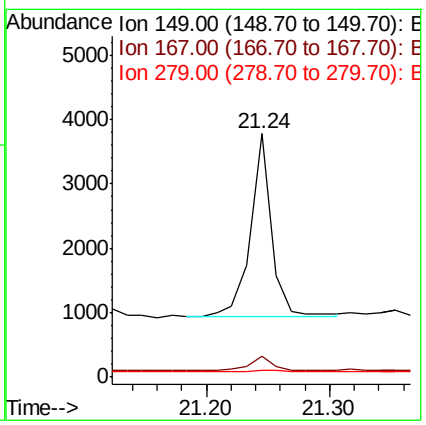


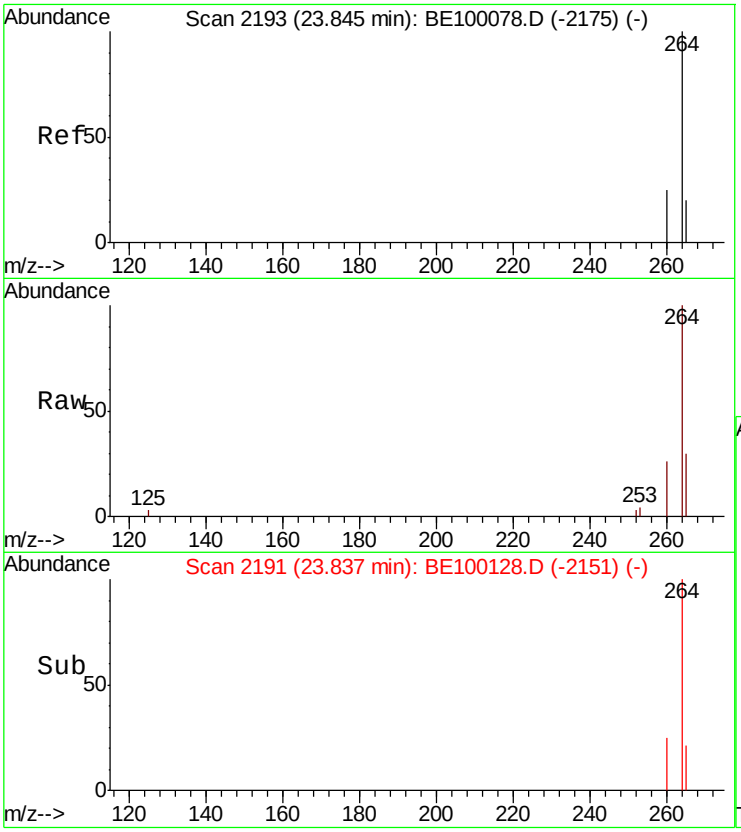


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:149 Resp: 3464

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.8	8.6
279	2.3	1.1	1.7#



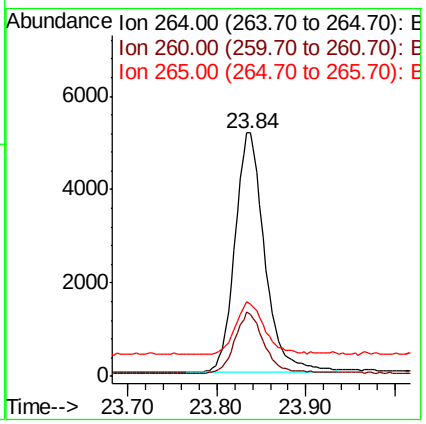


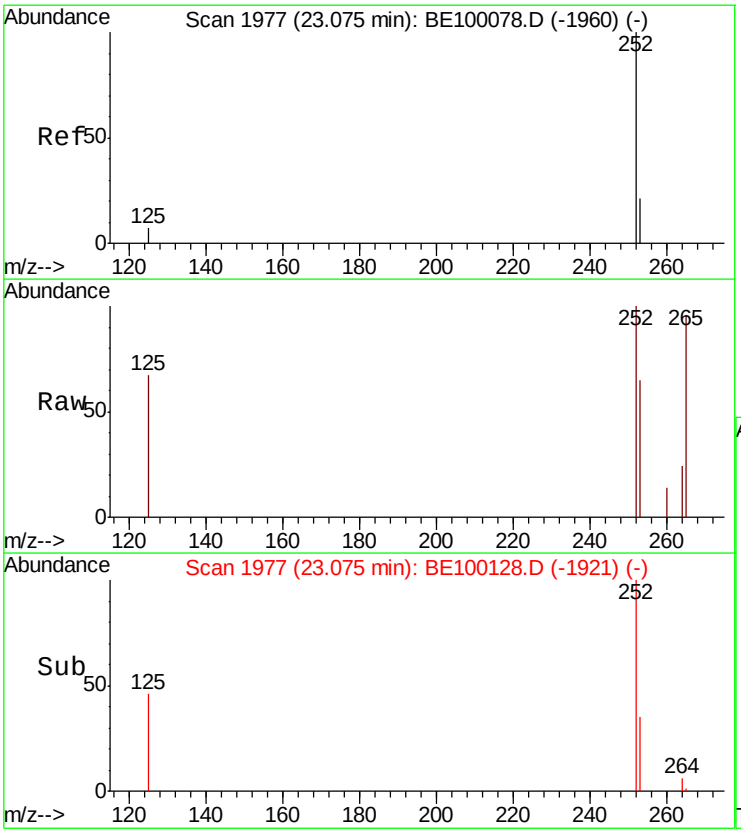
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:264 Resp: 11928

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.8	31.2
265	29.8	23.2	34.8

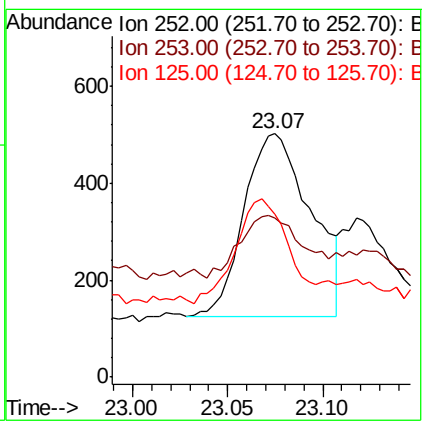


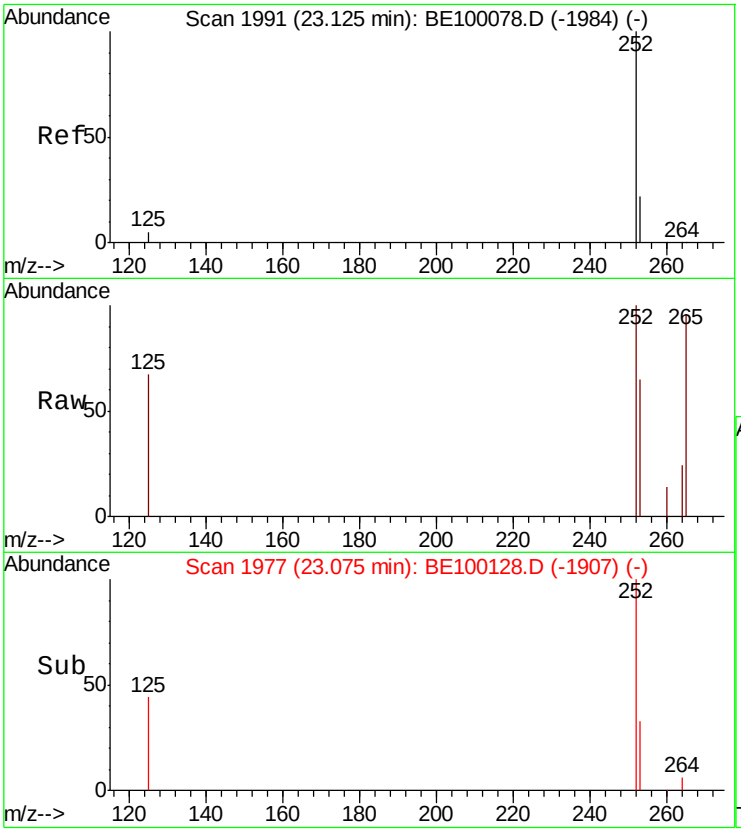


#35
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:252 Resp: 929

Ion	Ratio	Lower	Upper
252	100		
253	65.1	18.4	27.6#
125	67.1	6.4	9.6#





#36
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.05 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tgt Ion:252 Resp: 929

Ion	Ratio	Lower	Upper
252	100		
253	65.1	18.9	28.3#
125	67.1	5.3	7.9#