Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100111.D
Acq On : 20 Jun 2019 17:01
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 21 01:45:21 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	430	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	1652	0.40	ng		0.00
13) Acenaphthene-d10	14.41	164	1423	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	4761	0.40	ng		0.00
27) Chrysene-d12	21.34	240	7273	0.40	ng		0.00
34) Perylene-d12	23.84	264	8452	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	436	0.49	ng		-0.01
5) Phenol-d6	6.92	99	518	0.42	ng		-0.01
8) Nitrobenzene-d5	8.91	82	592	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	1266	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.92	330	346	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	2205	0.39	ng		0.00
25) Fluoranthene-d10	19.20	212	28051	0.41	ng		0.00
29) Terphenyl-d14	19.80	244	6028	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	313	0.454	ng		88
3) n-Nitrosodimethylamine	3.58	42	79	0.516	ng	#	100
6) bis(2-Chloroethyl)ether	7.17	93	473	0.408	ng	#	61
9) Naphthalene	10.59	128	7003	0.390	ng		99
10) Hexachlorobutadiene	10.85	225	693	0.393	ng		96
12) 2-Methylnaphthalene	12.22	142	1204	0.408	ng		96
16) Acenaphthylene	14.13	152	2663	0.394	ng		98
17) Acenaphthene	14.47	154	1514	0.401	ng		99
18) Fluorene	15.46	166	2306	0.410	ng		96
20) 4-Bromophenyl-phenylether	16.36	248	1143	0.404	ng	#	95
21) Hexachlorobenzene	16.45	284	1190	0.381	ng		97
22) Pentachlorophenol	16.84	266	291	0.529	ng		93
23) Phenanthrene	17.20	178	4481	0.393	ng		99
24) Anthracene	17.29	178	3770	0.392	ng		98
26) Fluoranthene	19.22	202	7526	0.411	ng		99
28) Pyrene	19.59	202	7665	0.410	ng		99
30) Benzo(a)anthracene	21.33	228	8639	0.399	ng		99
31) Chrysene	21.38	228	10315	0.410	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	10439	0.511	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	11644	0.412	ng	#	95
35) Benzo(b)fluoranthene	23.07	252	9052	0.365	ng		97
36) Benzo(k)fluoranthene	23.12	252	10823	0.384	ng		100
37) Benzo(a)pyrene	23.72	252	9042	0.378	ng		98
38) Dibenzo(a,h)anthracene	26.50	278	9290	0.379	ng		100
39) Benzo(g,h,i)perylene	27.28	276	9785	0.384	ng		99

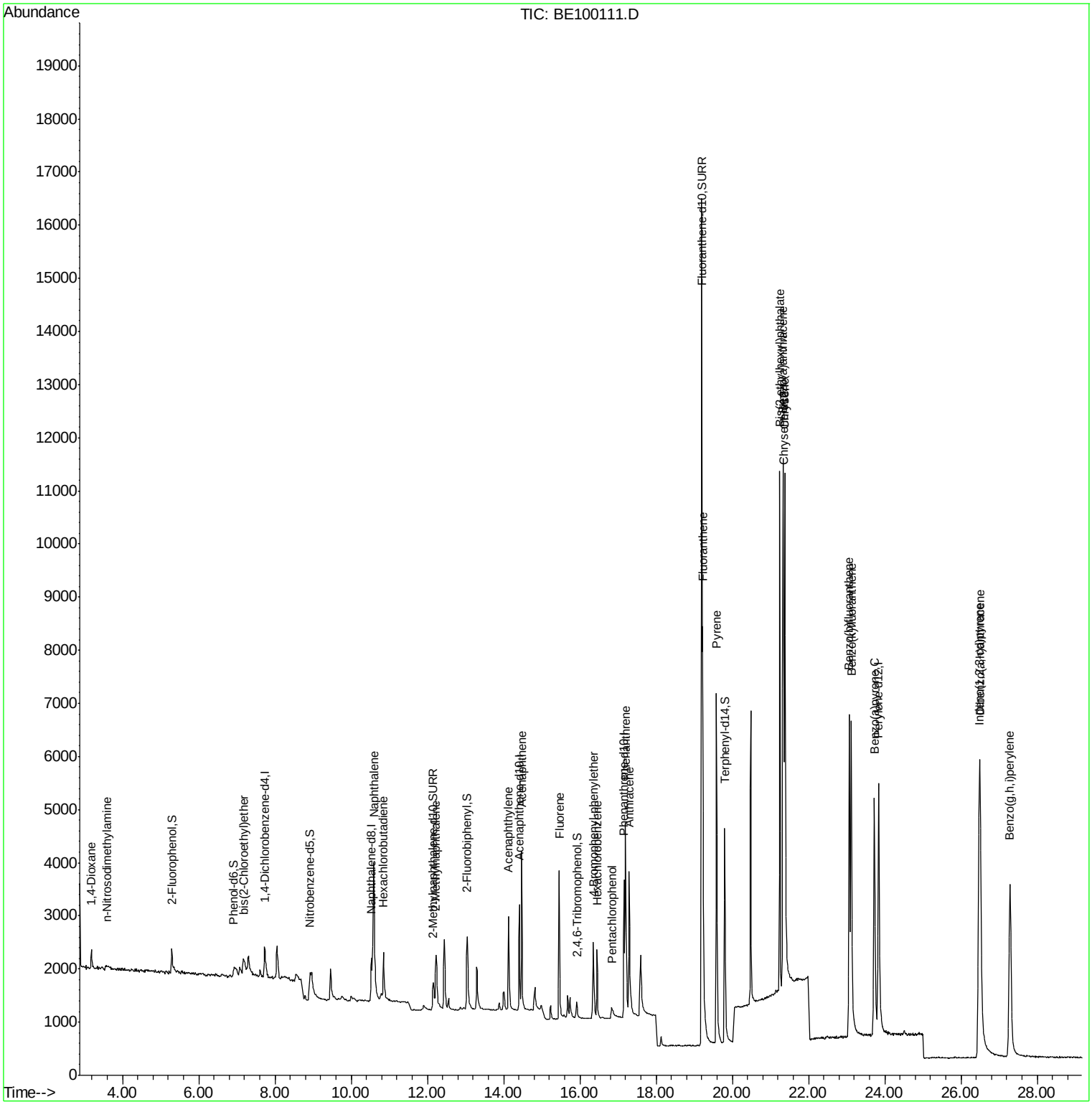
(#) = qualifier out of range (m) = manual integration (+) = signals summed

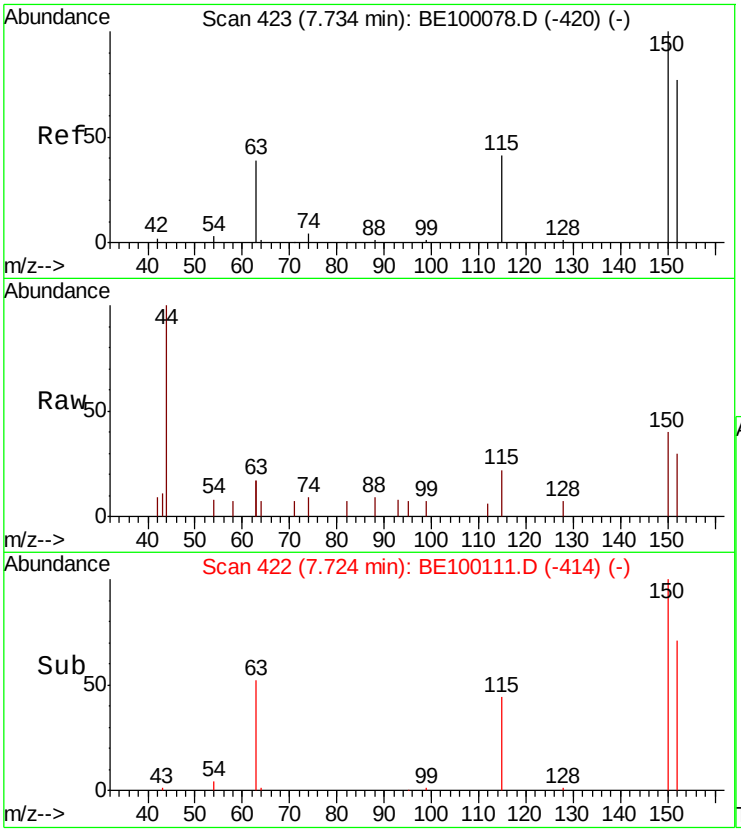
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100111.D
Acq On : 20 Jun 2019 17:01
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 21 01:45:21 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



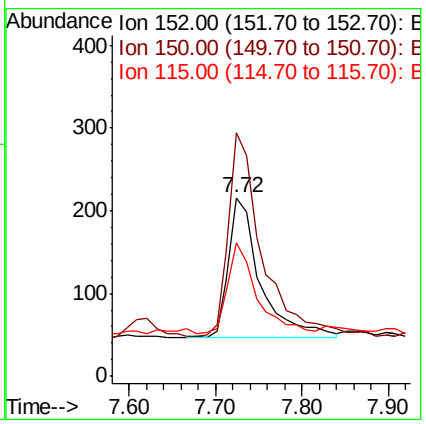


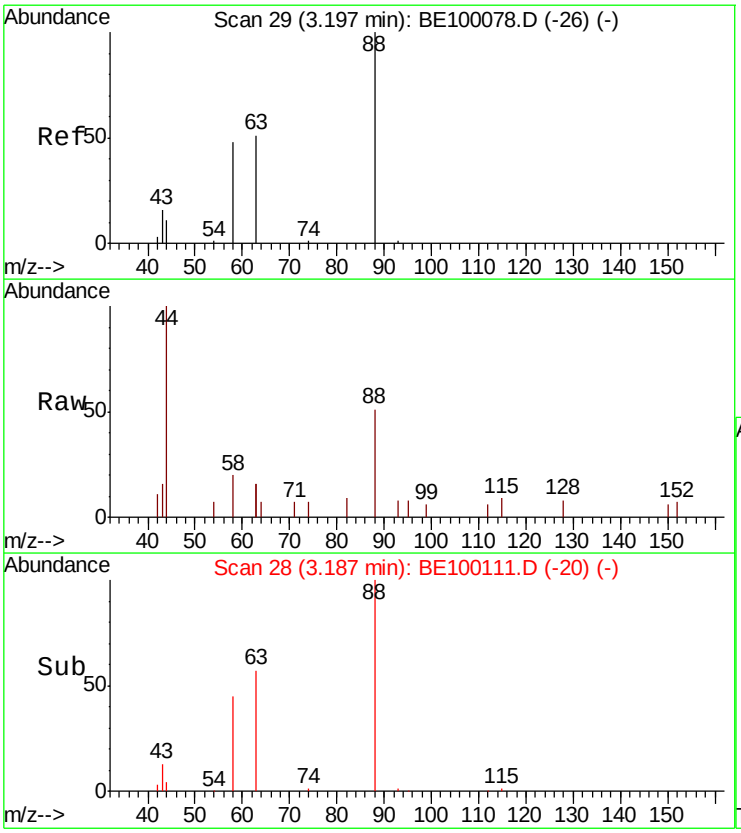
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 430

Ion	Ratio	Lower	Upper
152	100		
150	136.1	99.8	149.8
115	74.5	51.3	76.9

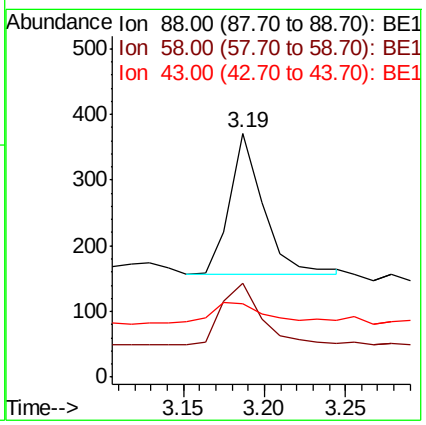


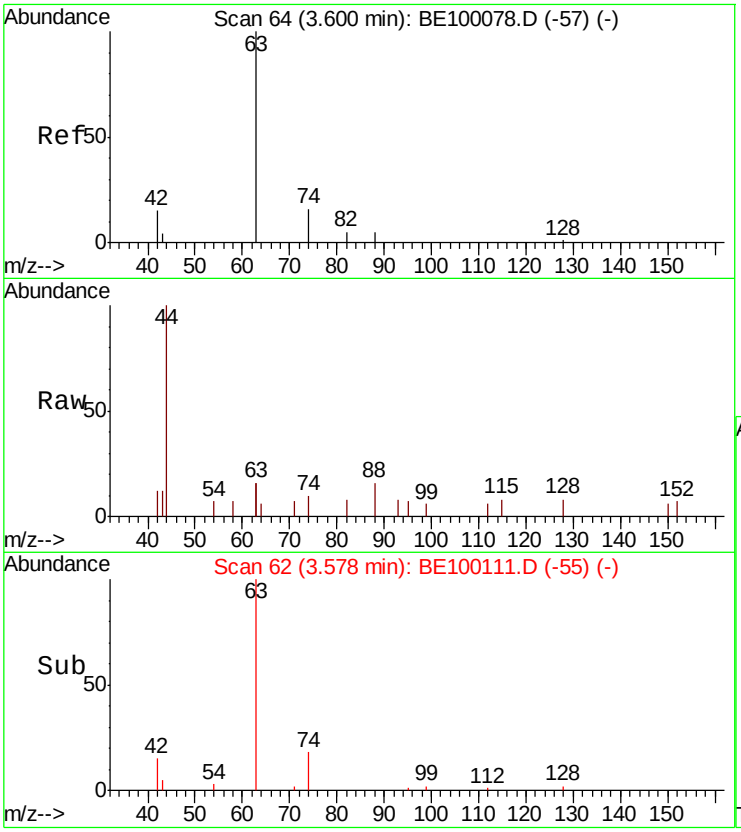


#2
1,4-Dioxane
Concen: 0.454 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 88 Resp: 313

Ion	Ratio	Lower	Upper
88	100		
58	52.1	51.1	76.7
43	24.0	21.7	32.5



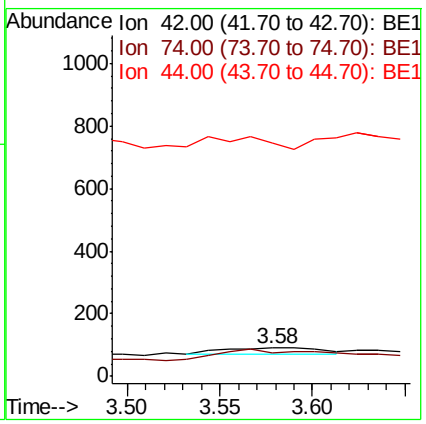


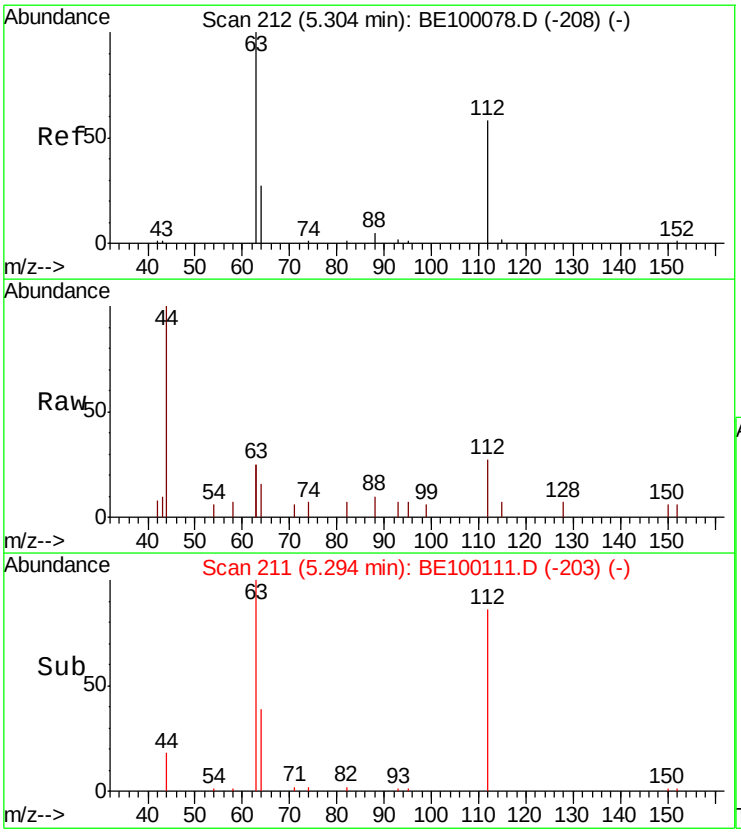
#3
n-Nitrosodimethylamine
Concen: 0.516 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 79

Ion	Ratio	Lower	Upper
42	100		
74	226.6	0.0	0.0#
44	0.0	0.0	0.0

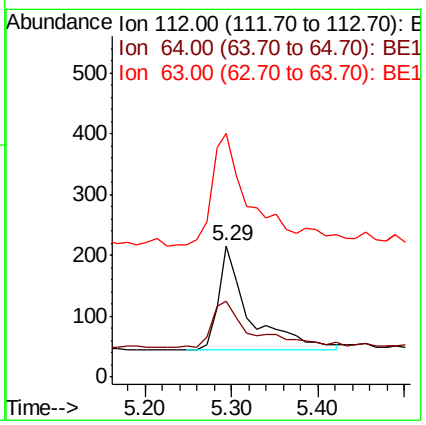


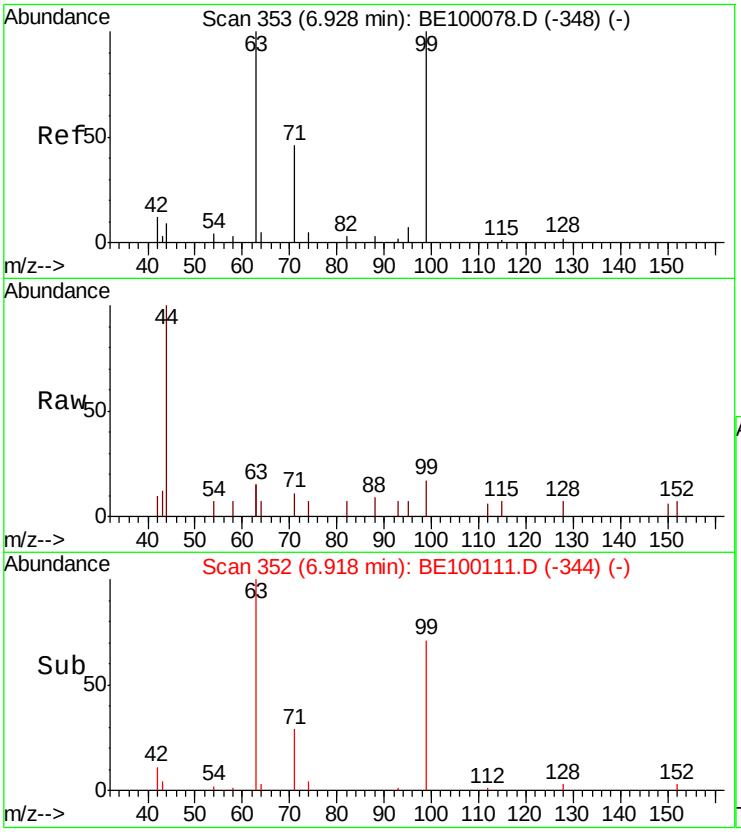


#4
2-Fluorophenol
Concen: 0.489 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:112 Resp: 436

Ion	Ratio	Lower	Upper
112	100		
64	59.9	22.0	33.0#
63	120.2	121.8	182.6#



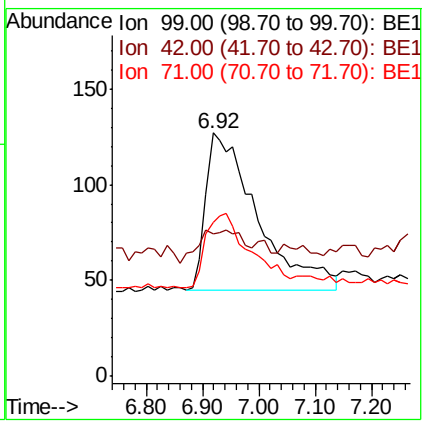


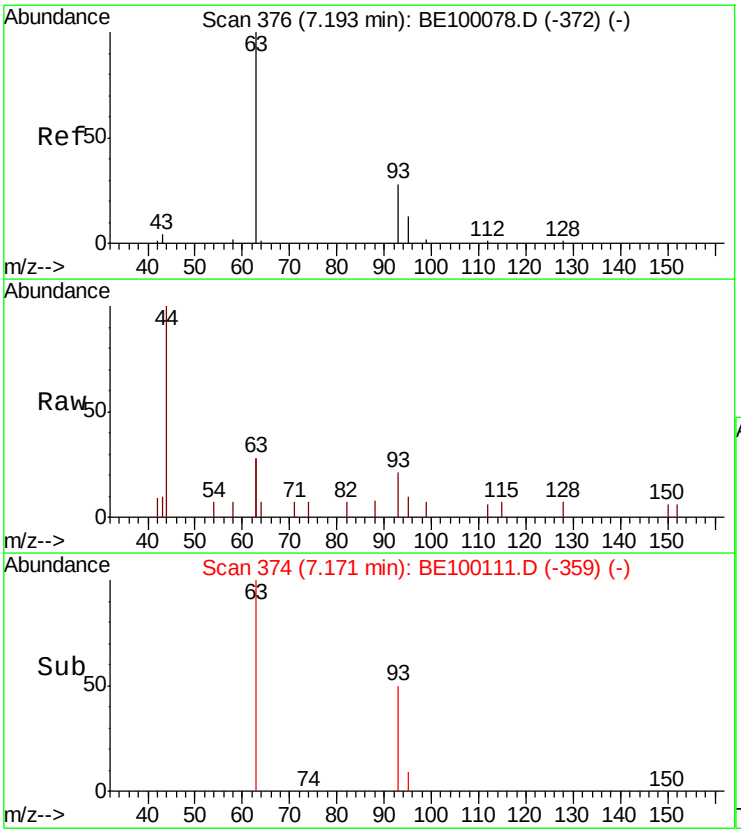
#5
Phenol-d6
Concen: 0.423 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 518

Ion	Ratio	Lower	Upper
99	100		
42	17.8	0.0	0.0#
71	0.0	37.6	56.4#

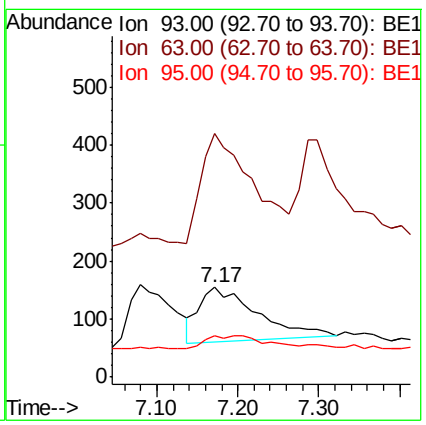


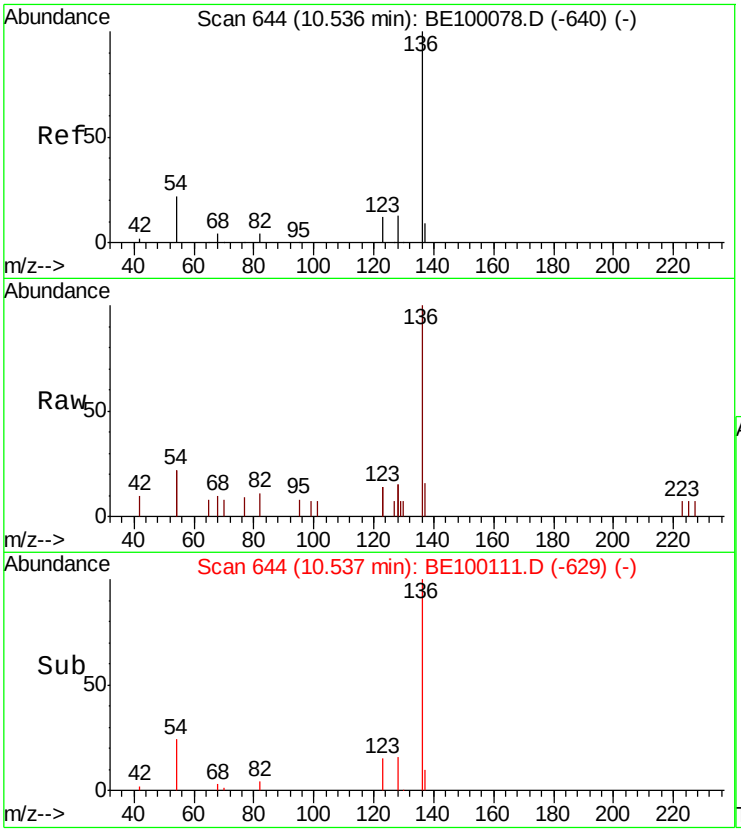


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 93 Resp: 473

Ion	Ratio	Lower	Upper
93	100		
63	176.7	200.0	300.0#
95	23.5	24.0	36.0#



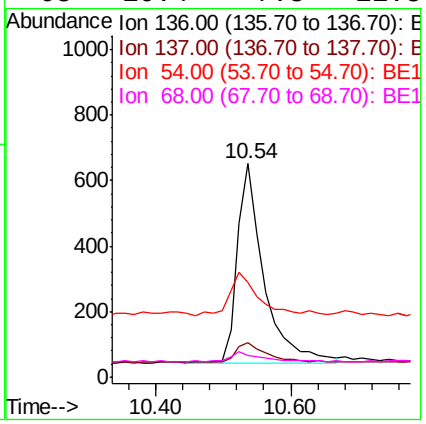


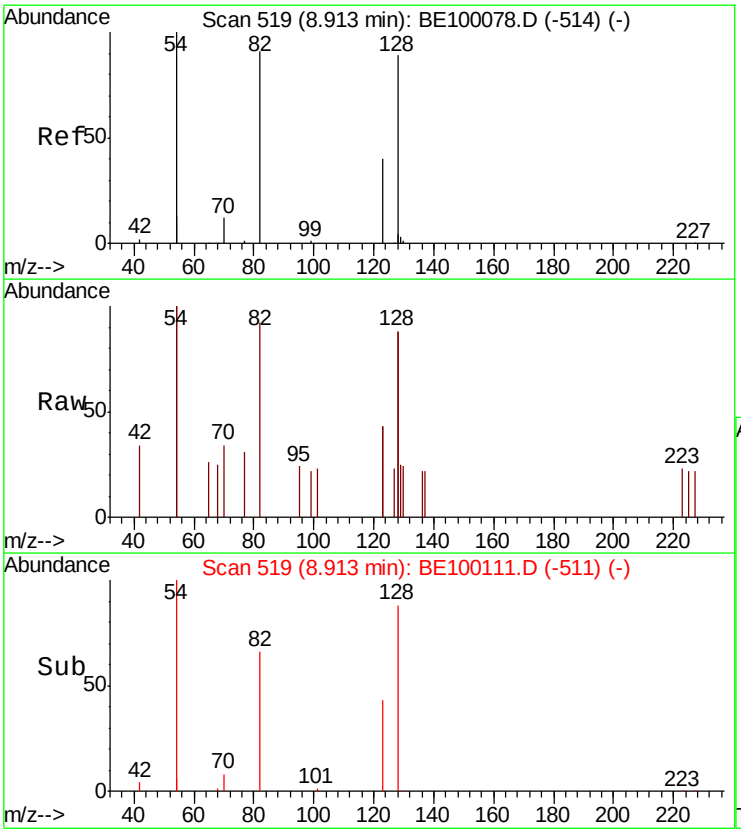
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 1652

Ion	Ratio	Lower	Upper
136	100		
137	16.4	11.6	17.4
54	44.5	33.9	50.9
68	10.4	7.8	11.8

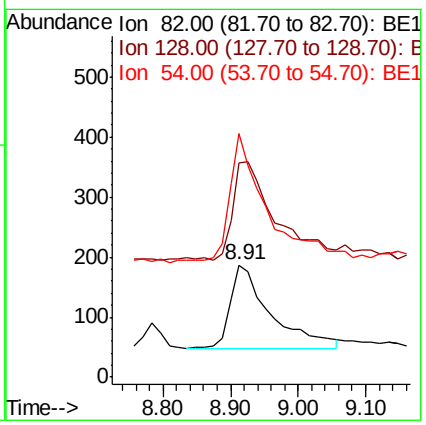


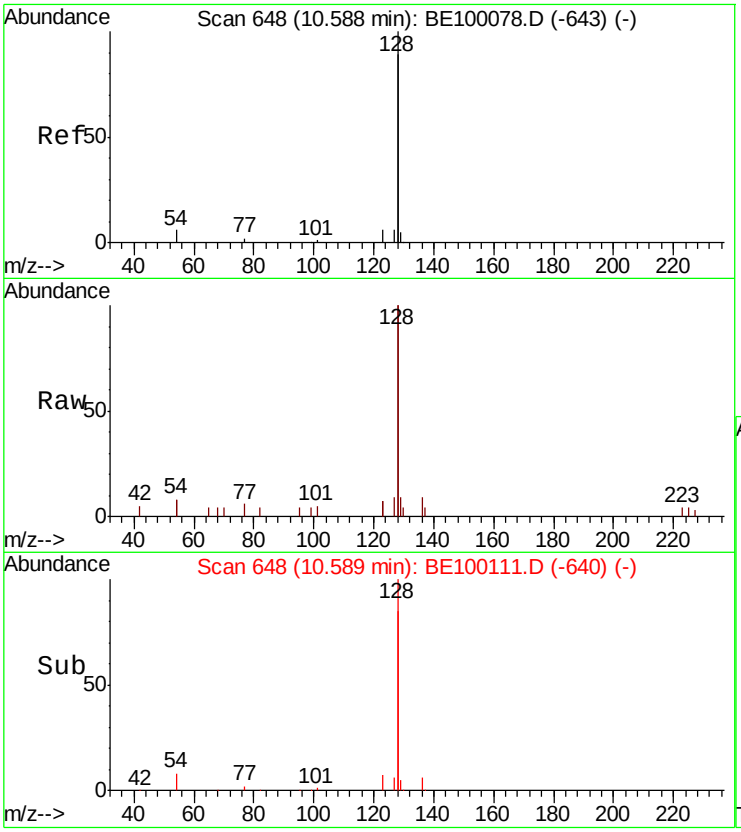


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion: 82 Resp: 592

Ion	Ratio	Lower	Upper
82	100		
128	191.4	128.0	192.0
54	217.1	143.4	215.0#



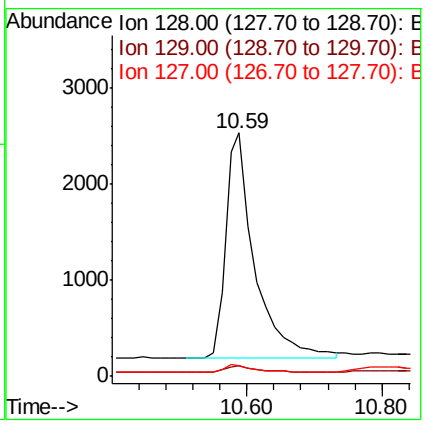


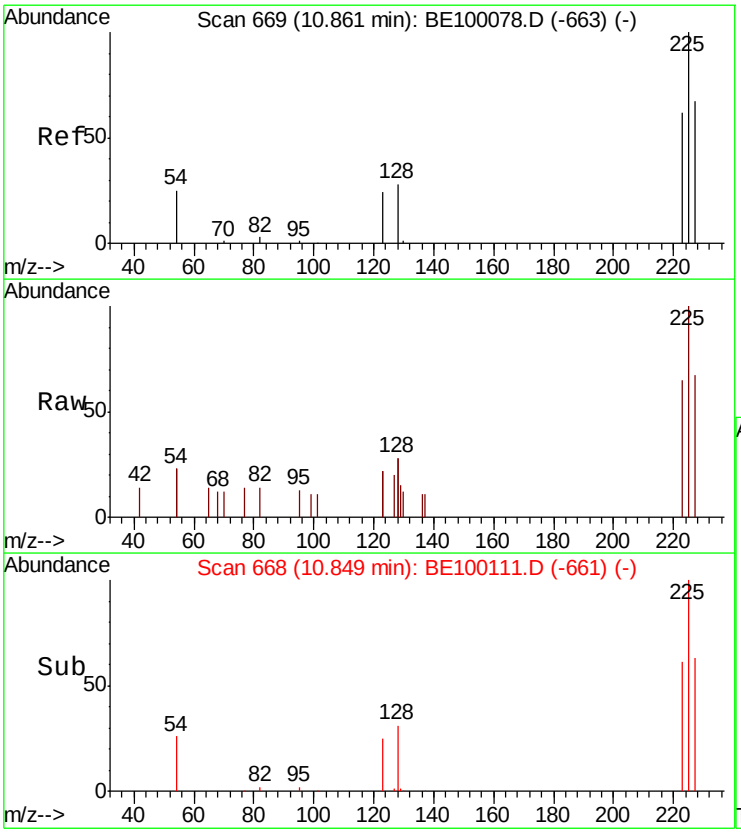
#9
Naphthalene
Concen: 0.390 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 7003

Ion	Ratio	Lower	Upper
128	100		
129	4.4	3.1	4.7
127	4.6	3.4	5.2

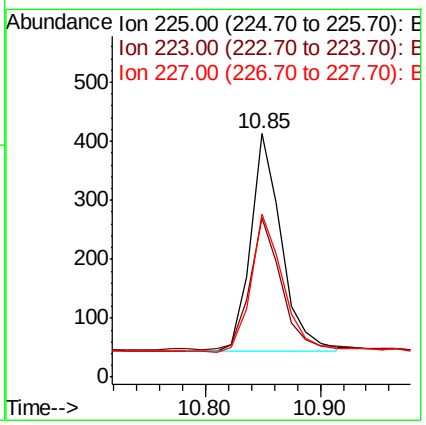


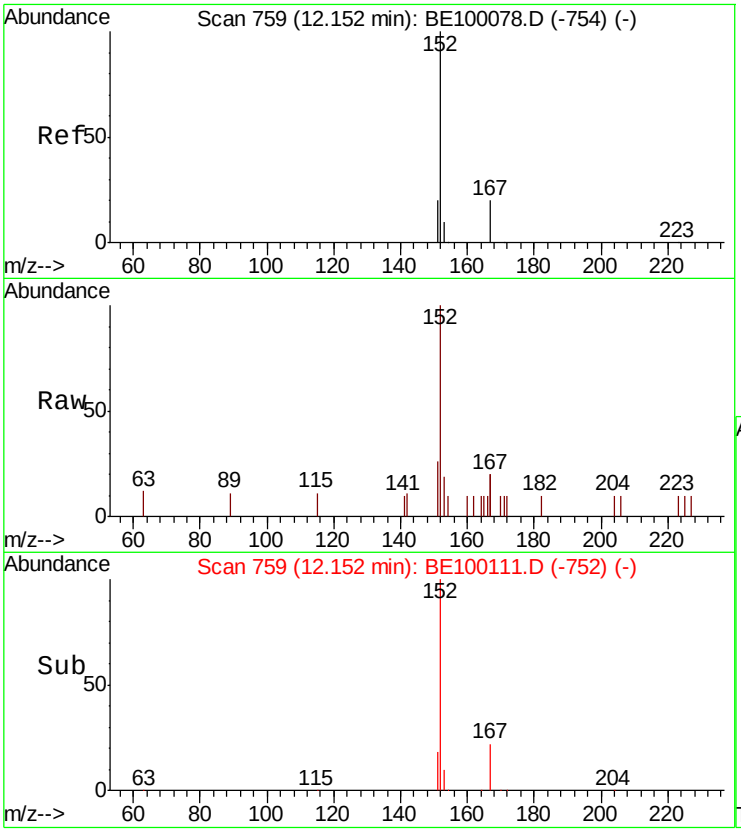


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:225 Resp: 693

Ion	Ratio	Lower	Upper
225	100		
223	60.0	52.2	78.4
227	64.8	53.0	79.6



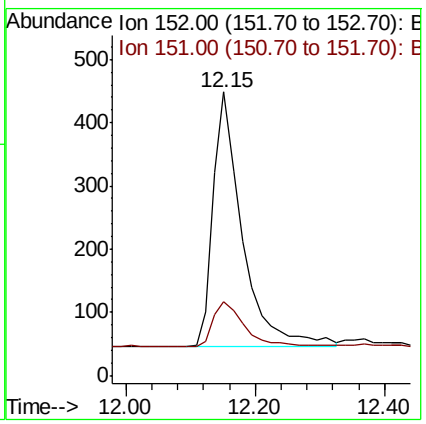


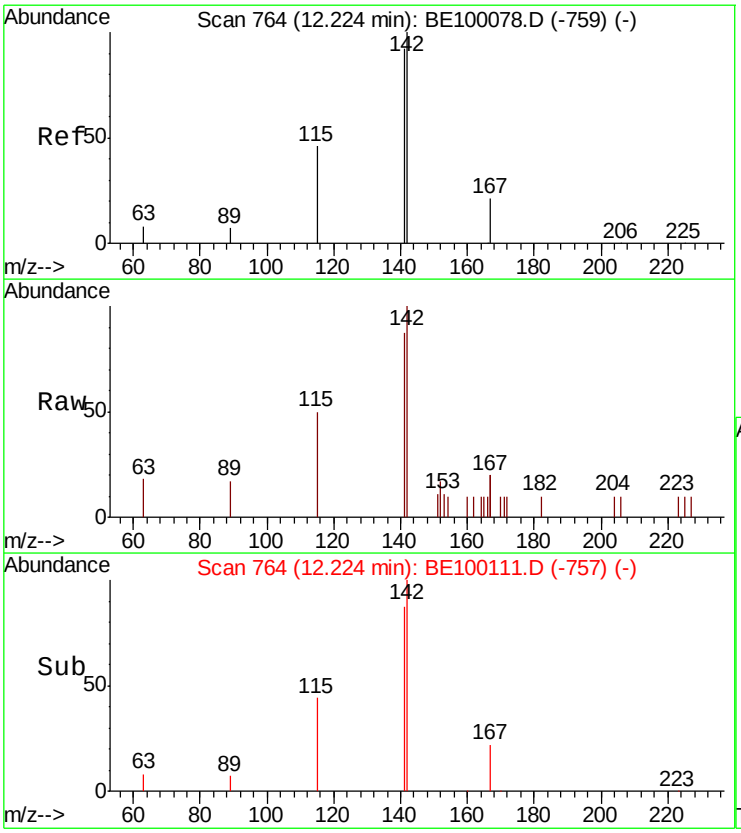
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1266

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5

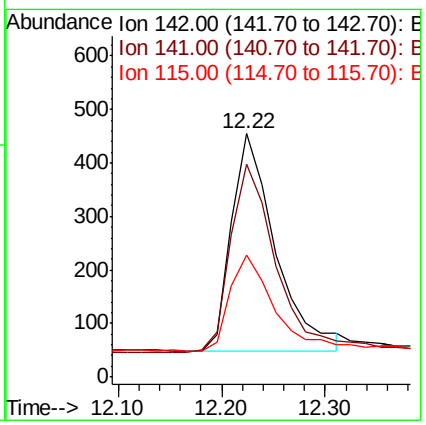


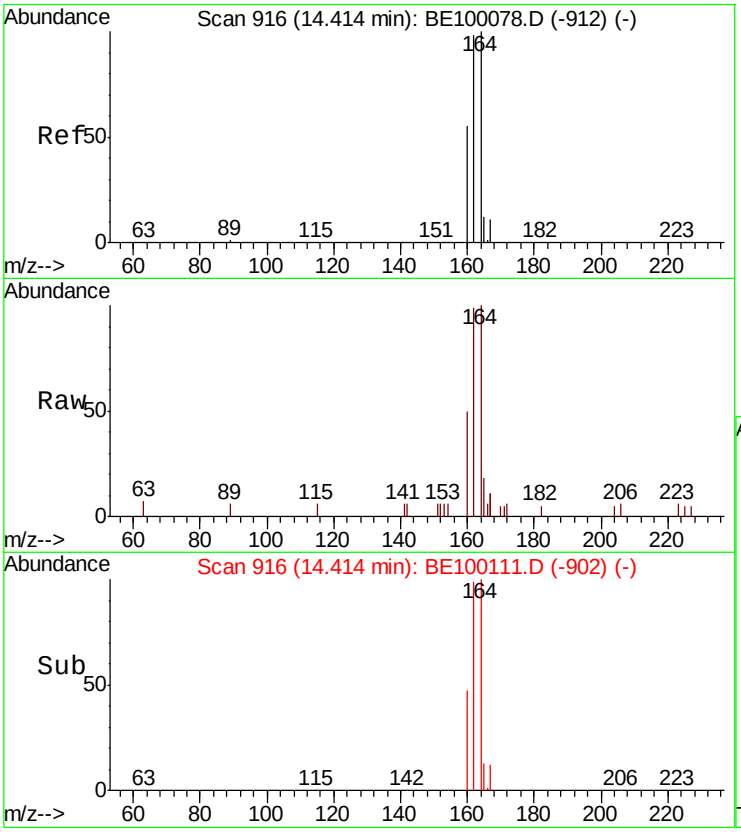


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:142 Resp: 1204

Ion	Ratio	Lower	Upper
142	100		
141	87.3	74.1	111.1
115	49.9	40.9	61.3



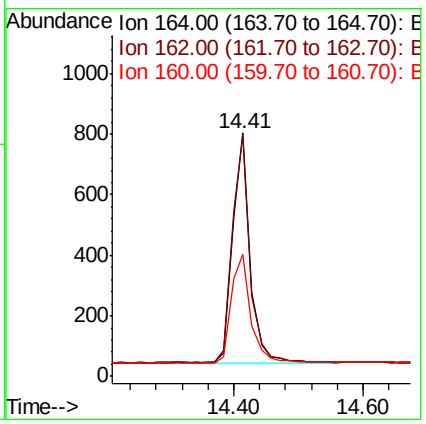


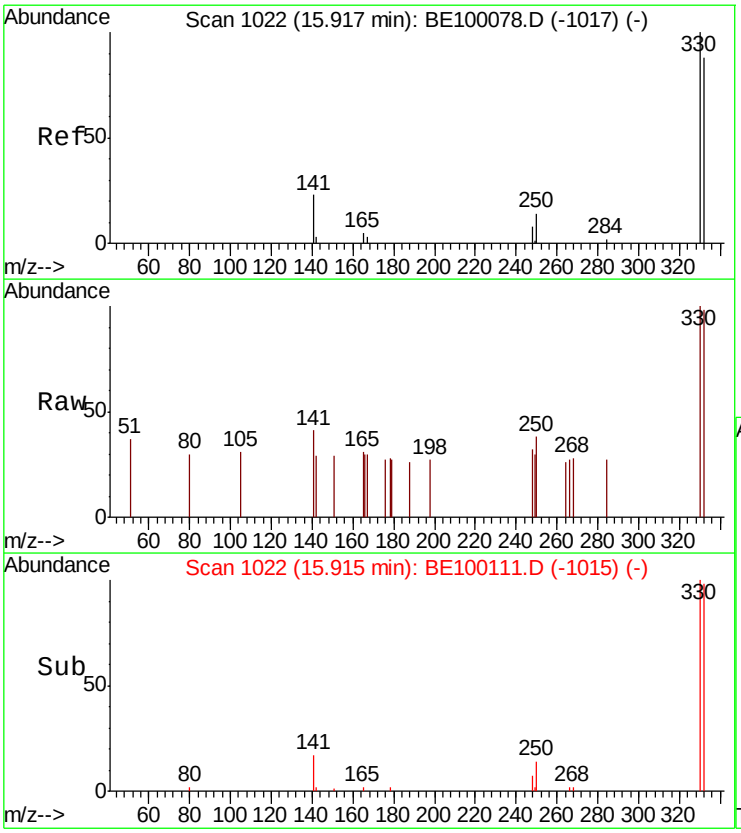
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1423

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.2	117.2
160	50.0	45.6	68.4

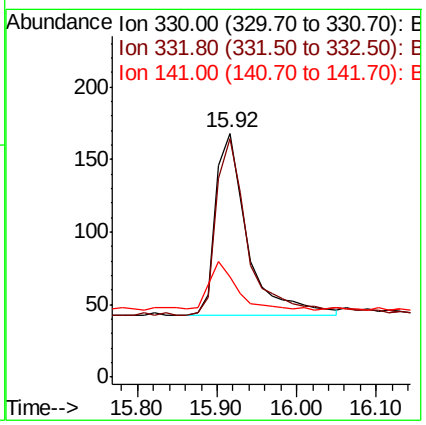


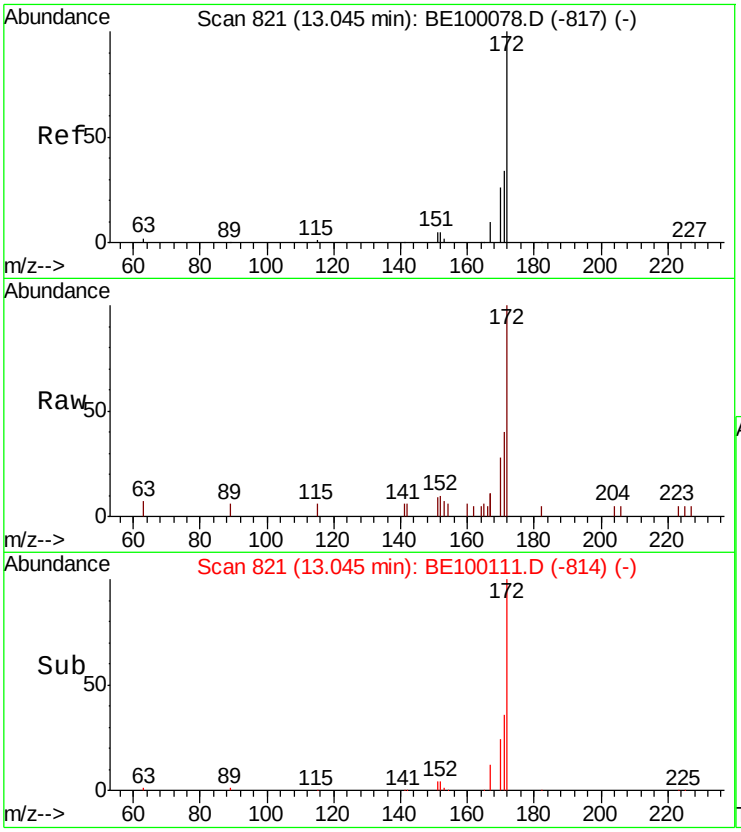


#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:330 Resp: 346

Ion	Ratio	Lower	Upper
330	100		
332	101.7	73.3	109.9
141	24.6	22.2	33.2



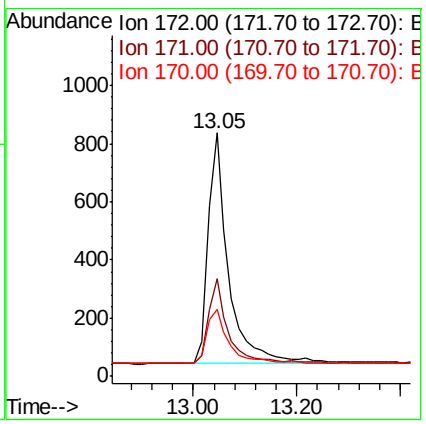


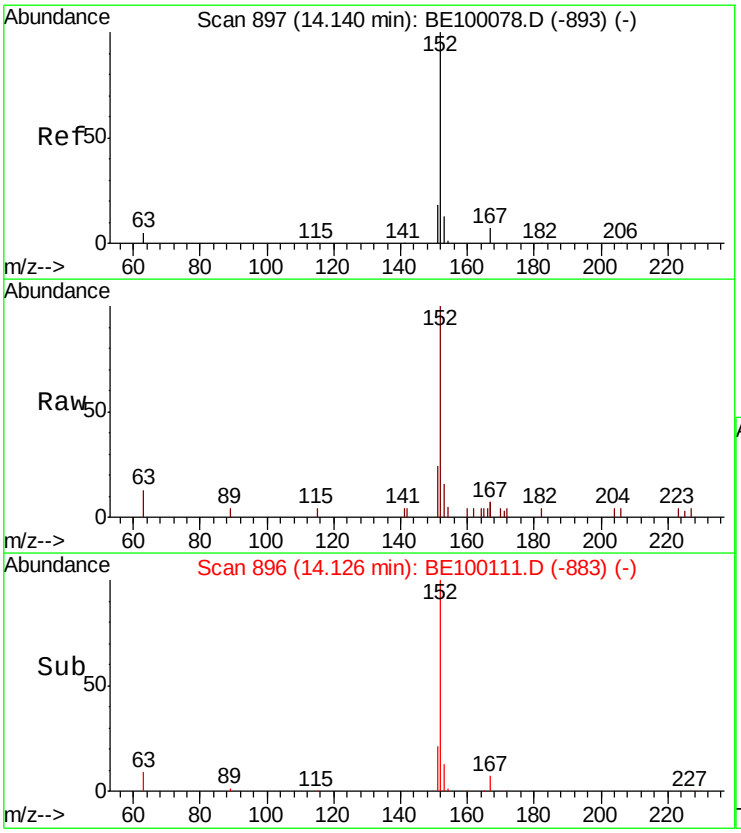
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.05 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2205

Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.8	44.8
170	27.7	23.2	34.8

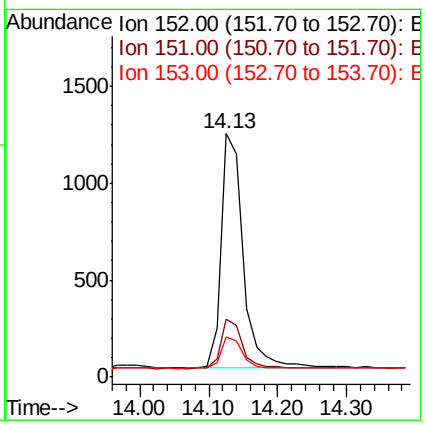


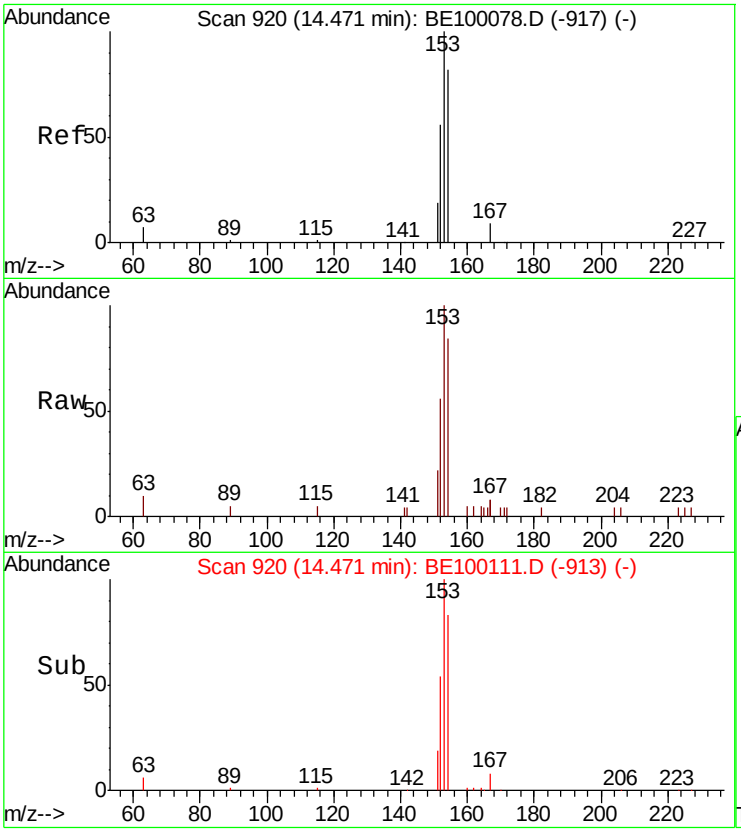


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:152 Resp: 2663

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.9	23.9
153	13.6	10.1	15.1



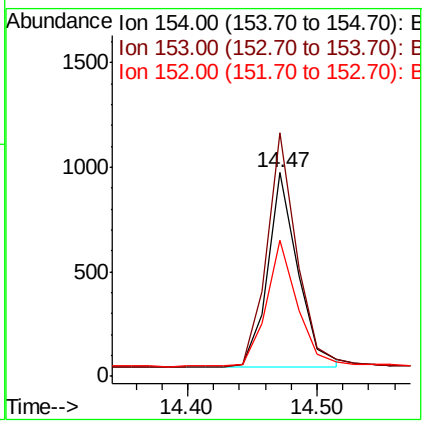


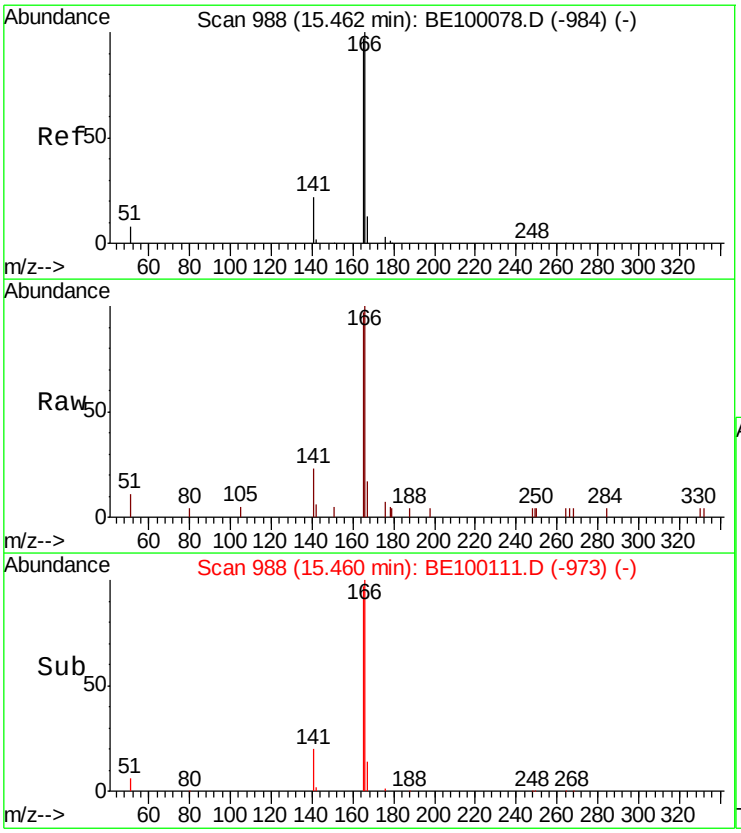
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1514

Ion	Ratio	Lower	Upper
154	100		
153	119.2	95.5	143.3
152	66.2	54.9	82.3

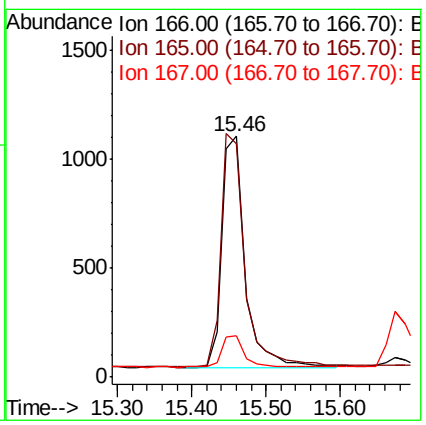


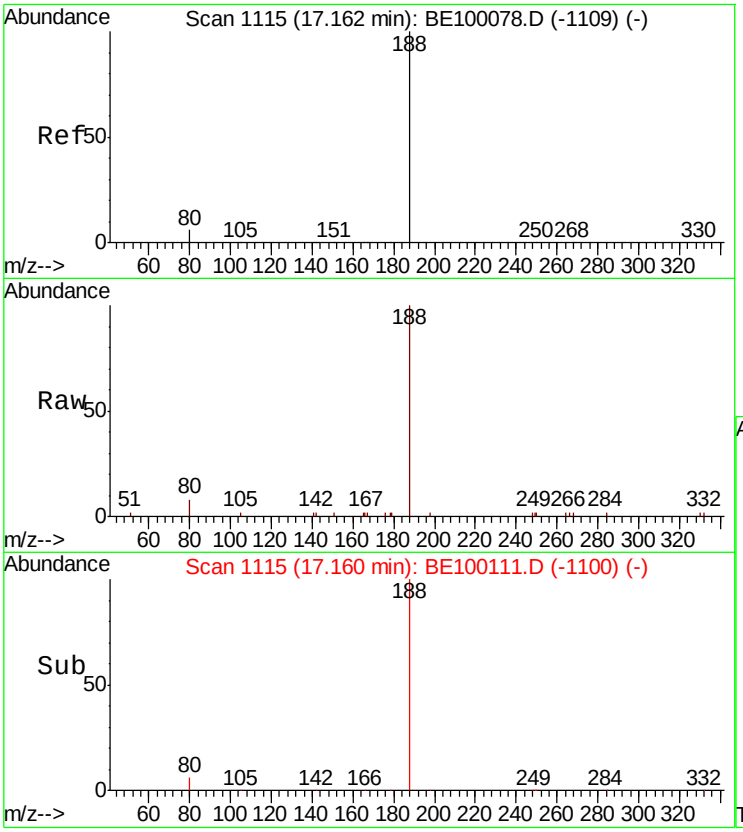


#18
Fluorene
Concen: 0.410 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:166 Resp: 2306

Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.8	119.8
167	14.1	10.2	15.4



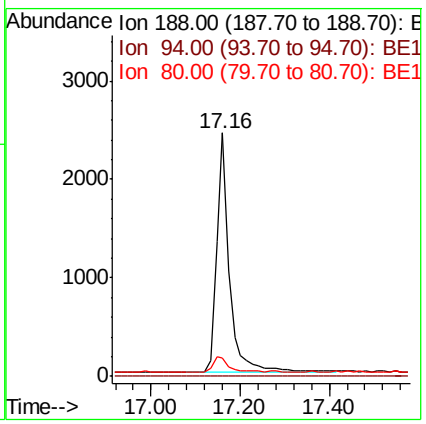


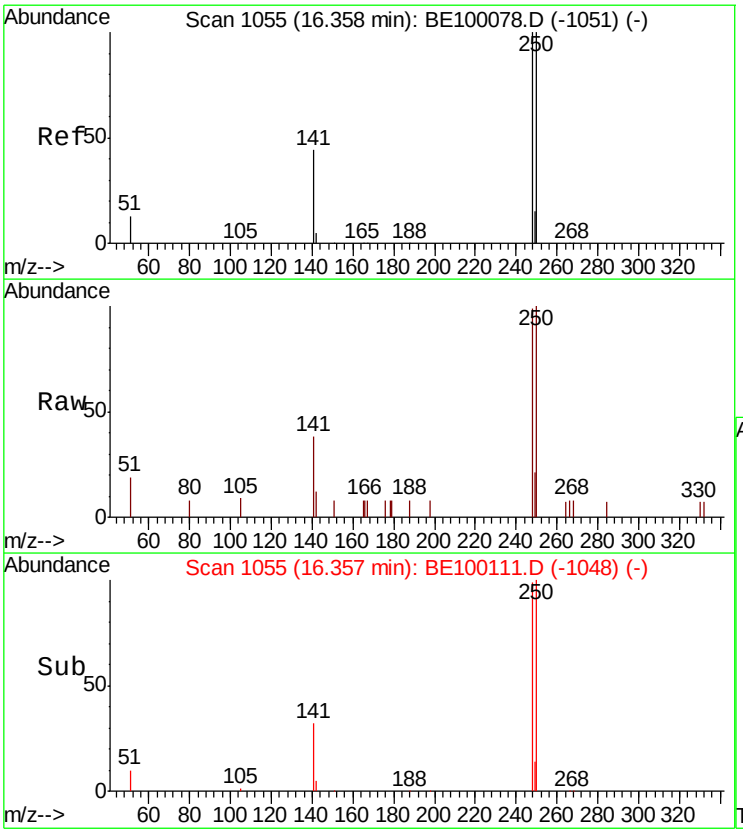
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 4761

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.3	9.5

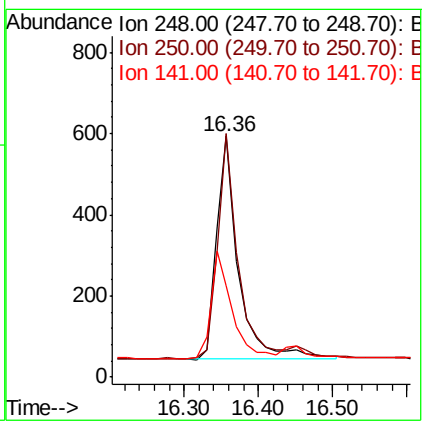


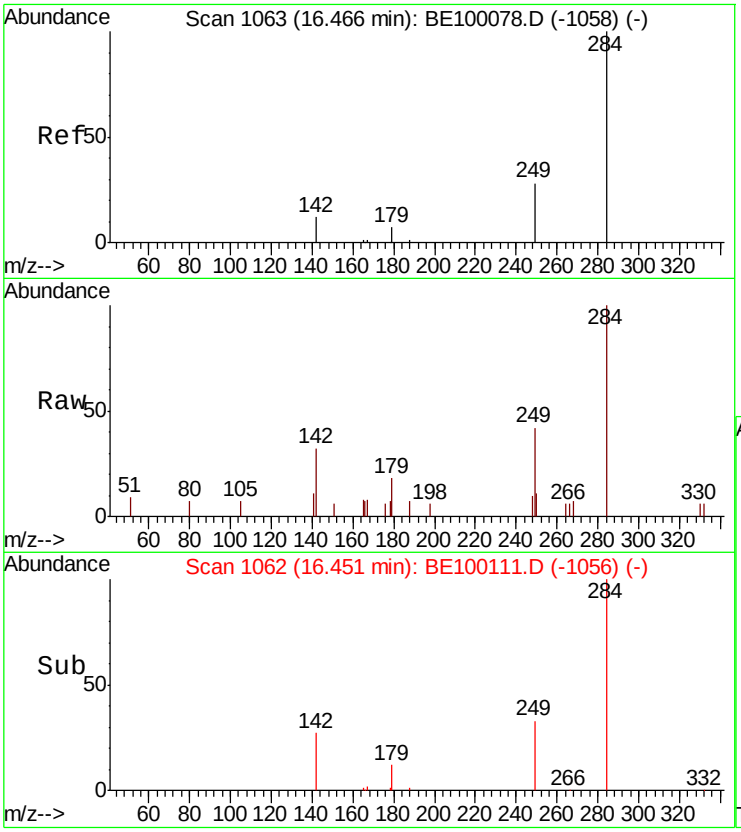


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:248 Resp: 1143

Ion	Ratio	Lower	Upper
248	100		
250	101.2	80.6	120.8
141	37.9	38.8	58.2#



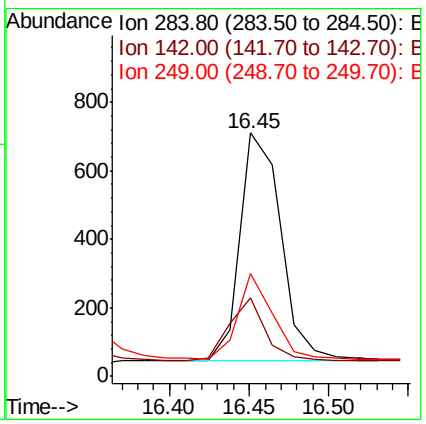


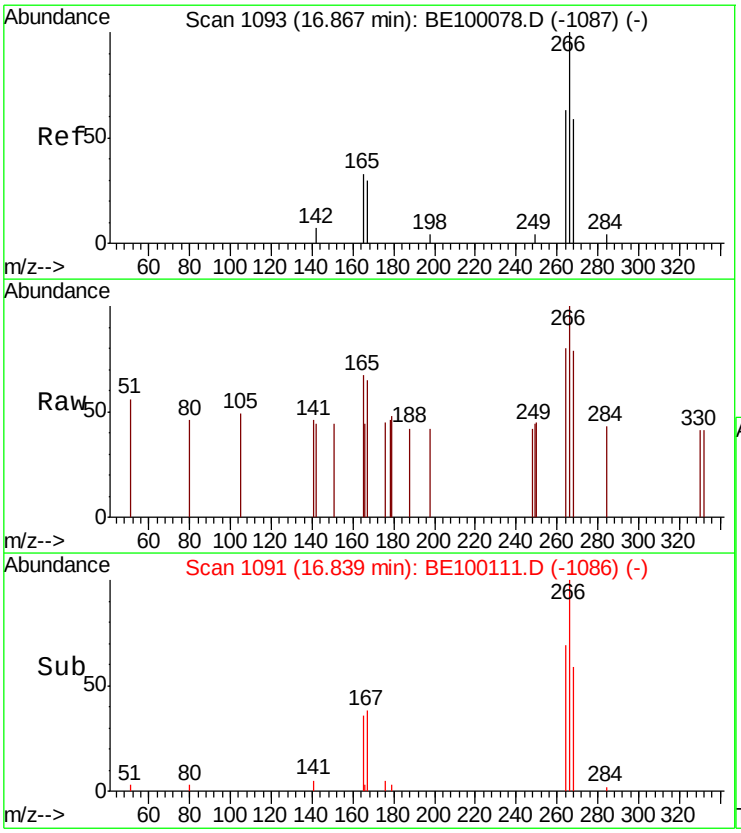
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1190

Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.7	31.1
249	31.3	26.6	39.8

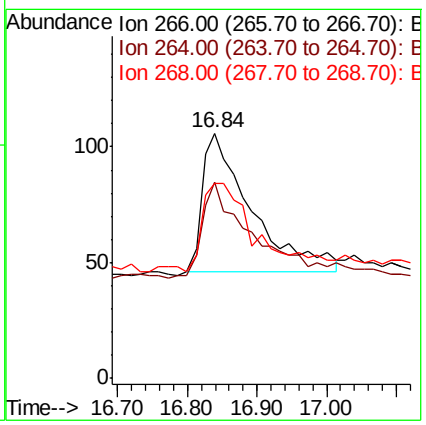


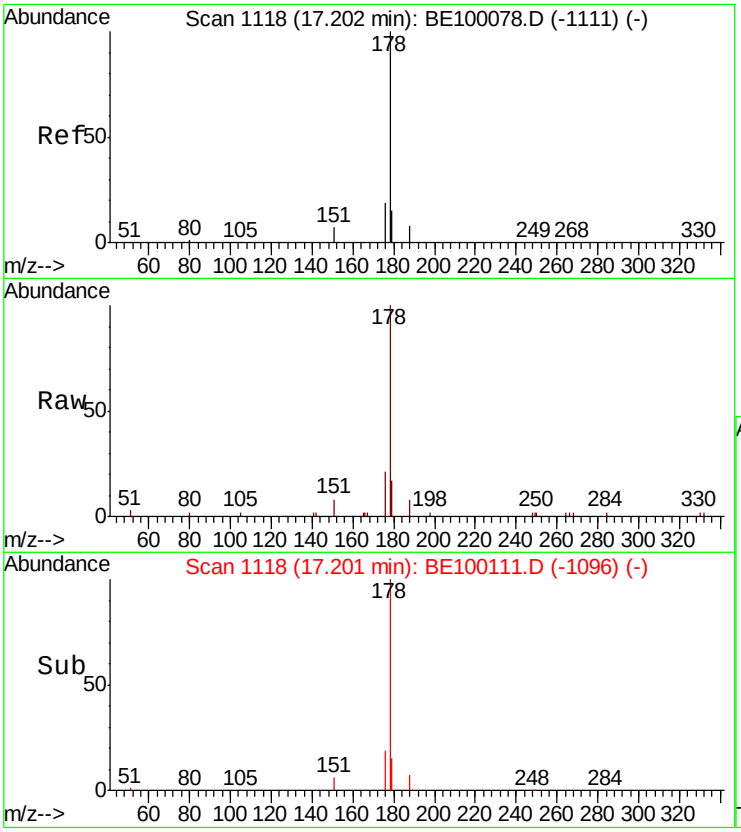


#22
Pentachlorophenol
Concen: 0.529 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:266 Resp: 291

Ion	Ratio	Lower	Upper
266	100		
264	80.2	67.8	101.6
268	79.2	70.0	105.0



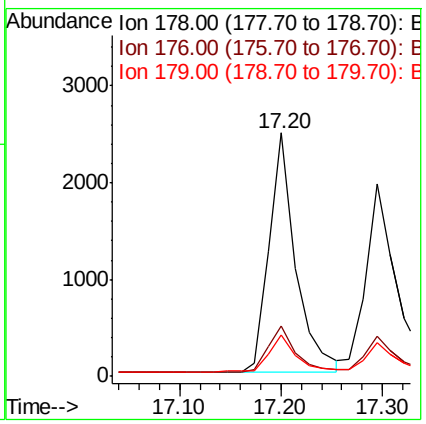


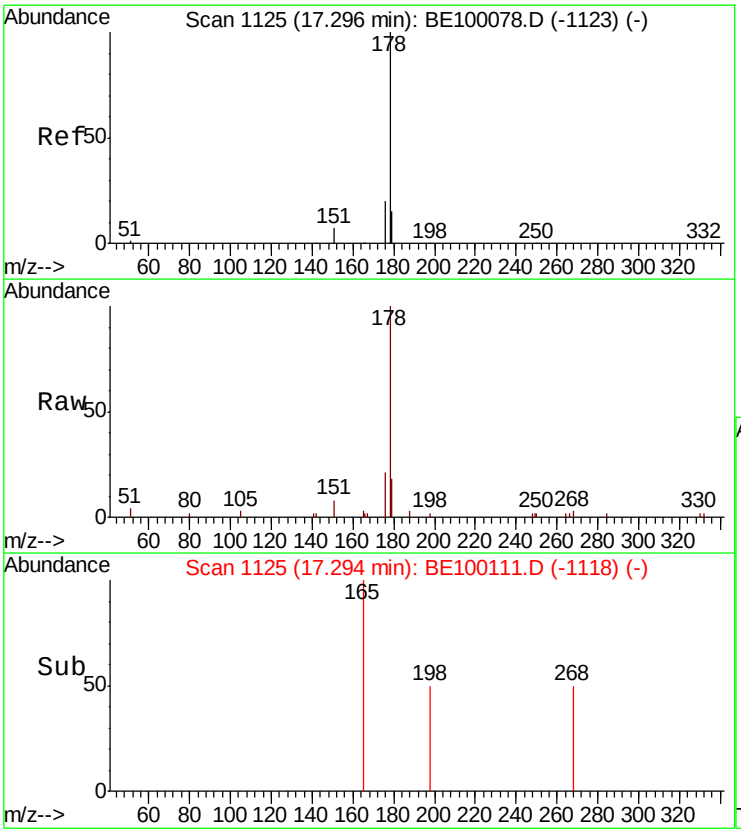
#23
Phenanthrene
Concen: 0.393 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 4481

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	13.1	19.7

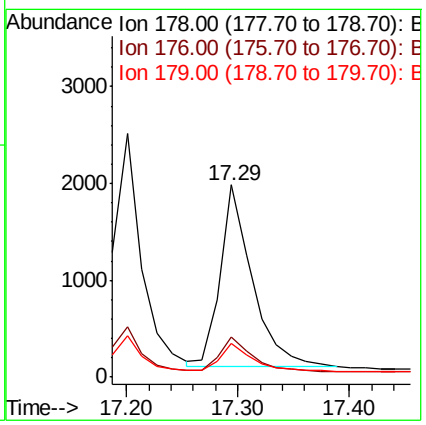


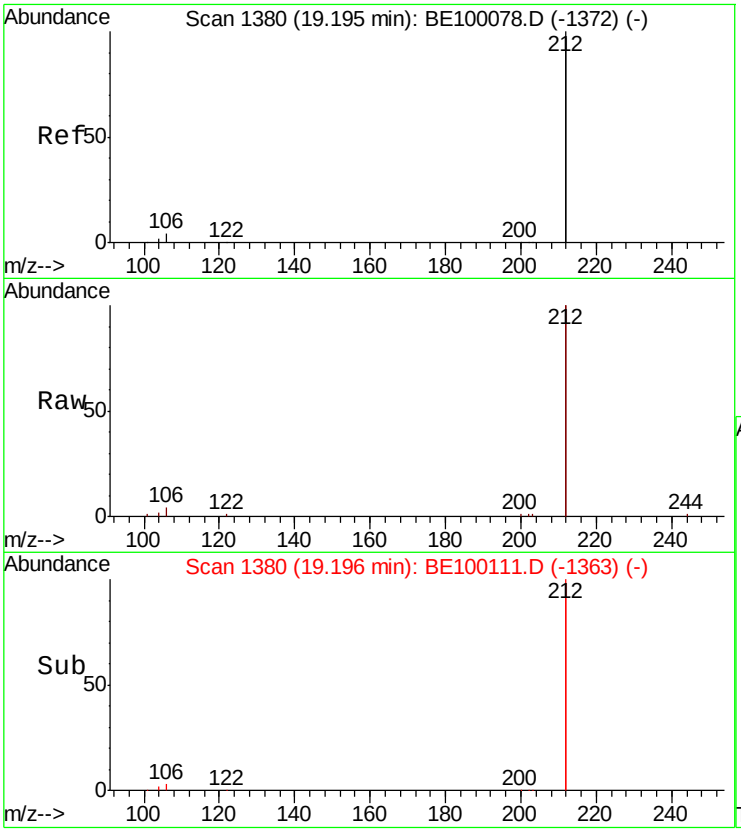


#24
Anthracene
Concen: 0.392 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:178 Resp: 3770

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.6	12.0	18.0



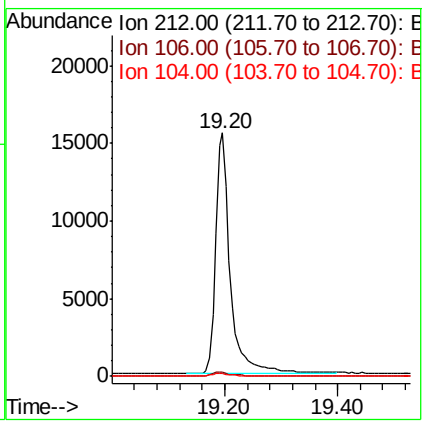


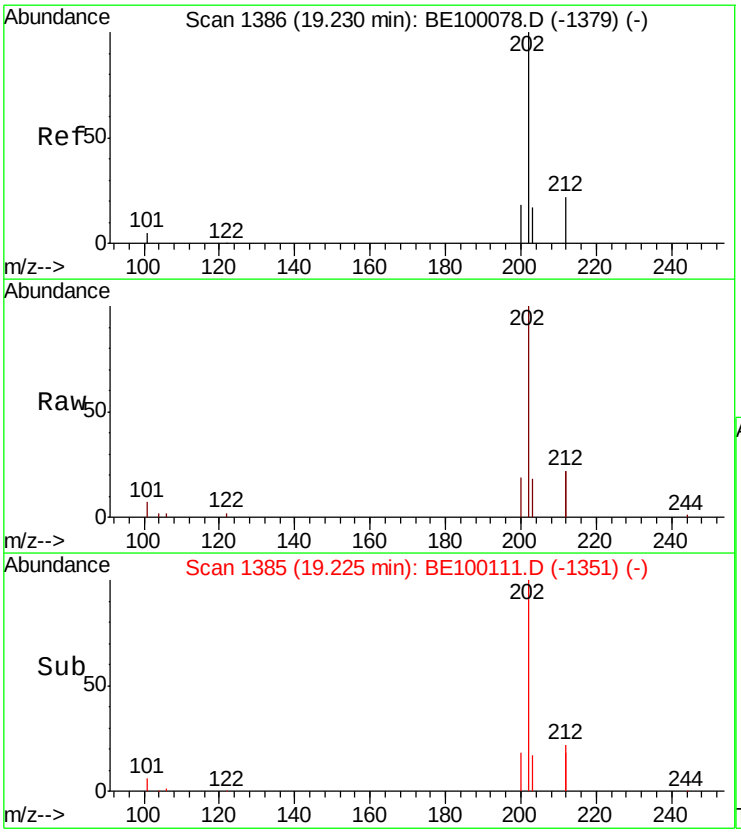
#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 28051

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.4	2.0
104	1.0	0.8	1.2

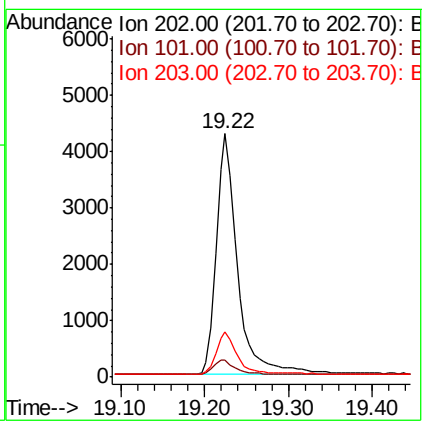


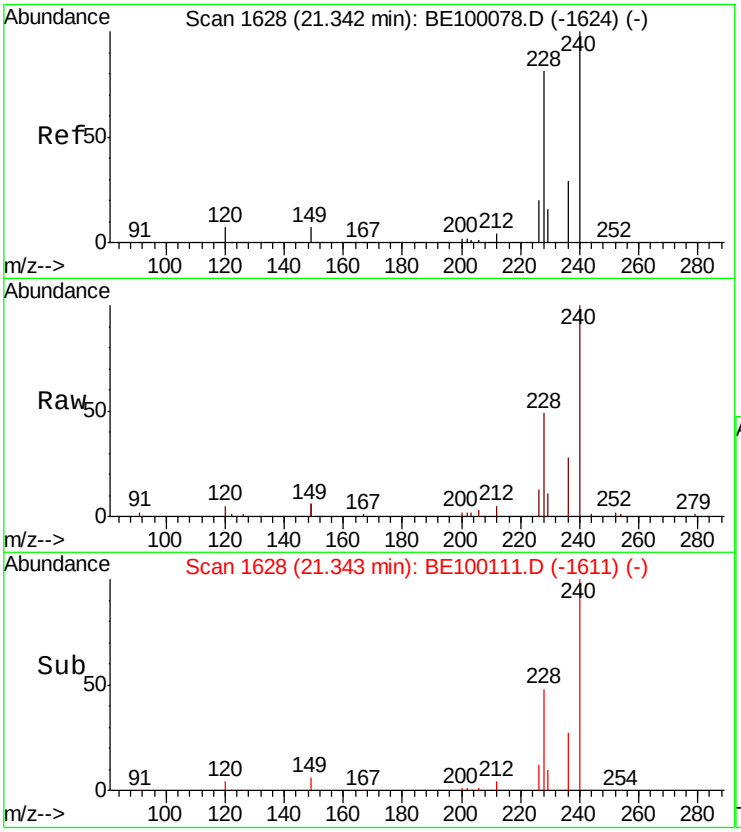


#26
Fluoranthene
Concen: 0.411 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:202 Resp: 7526

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.0	7.4
203	17.2	13.7	20.5



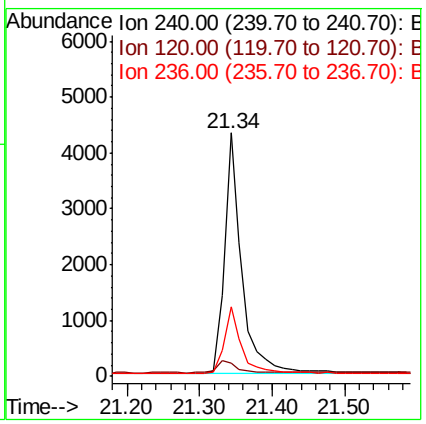


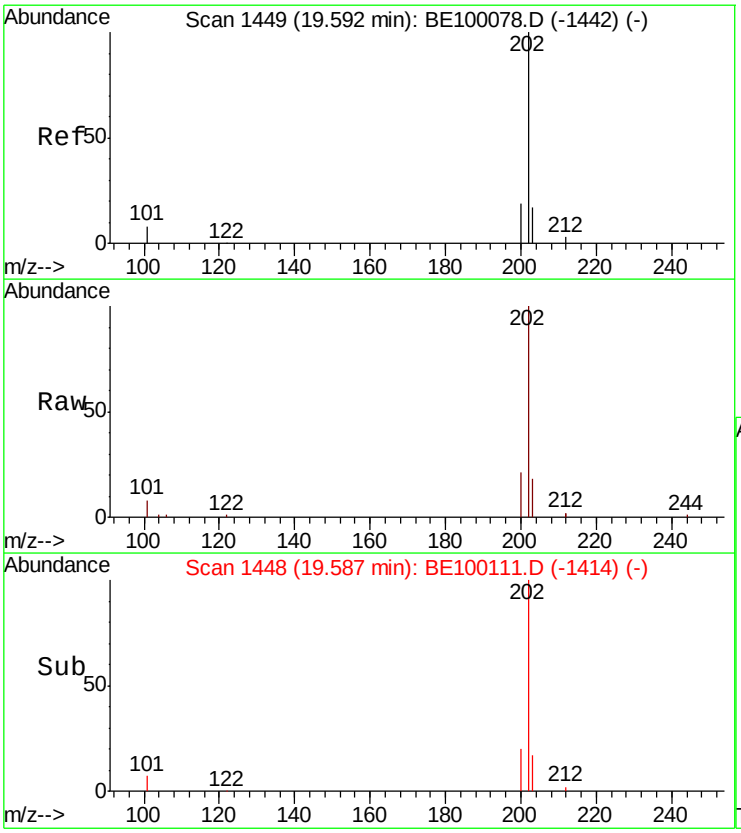
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 7273

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.6	10.0#
236	28.4	23.8	35.6

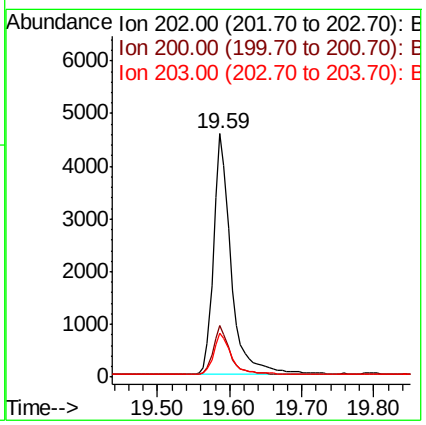


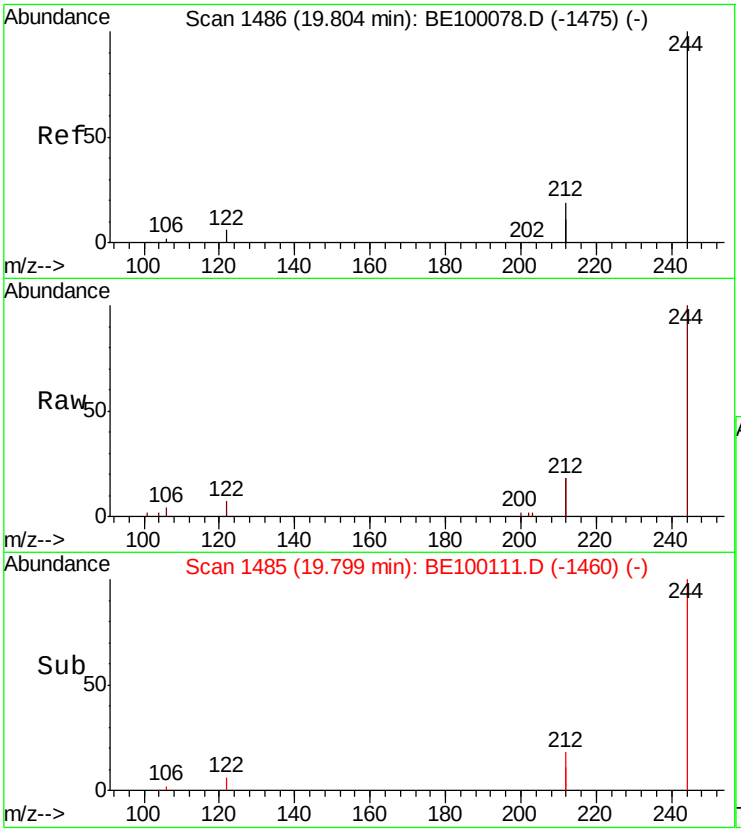


#28
Pyrene
Concen: 0.410 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:202 Resp: 7665

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.6	23.4
203	17.2	13.9	20.9



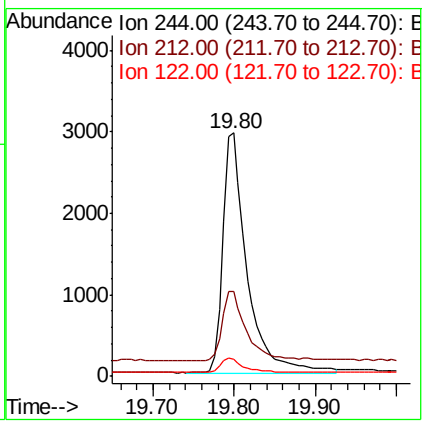


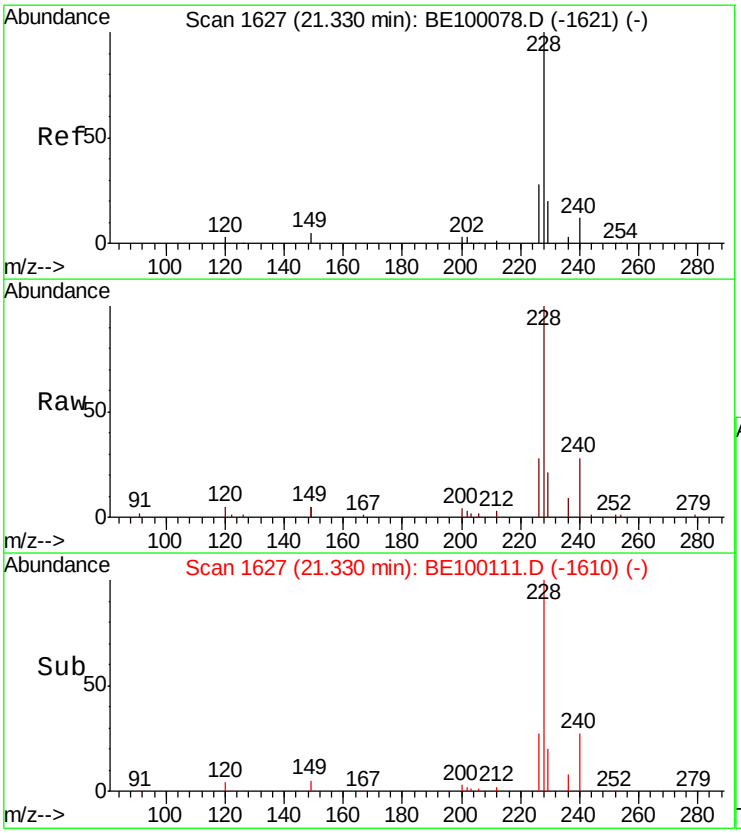
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.80 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 6028

Ion	Ratio	Lower	Upper
244	100		
212	35.0	29.8	44.8
122	7.1	6.1	9.1

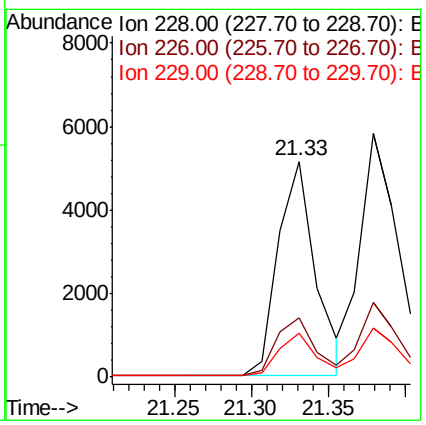


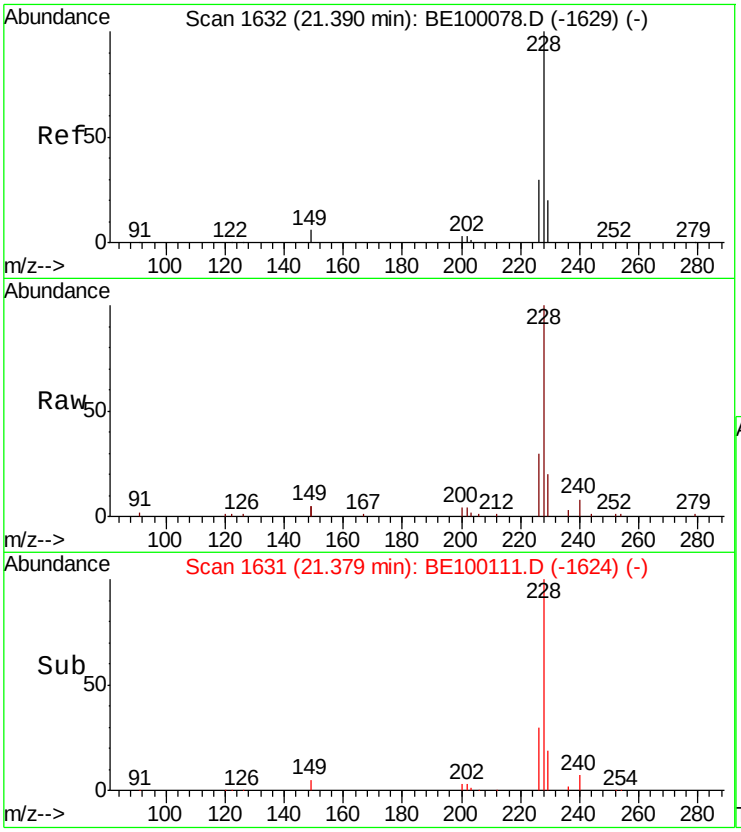


#30
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:228 Resp: 8639

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	20.6	16.4	24.6



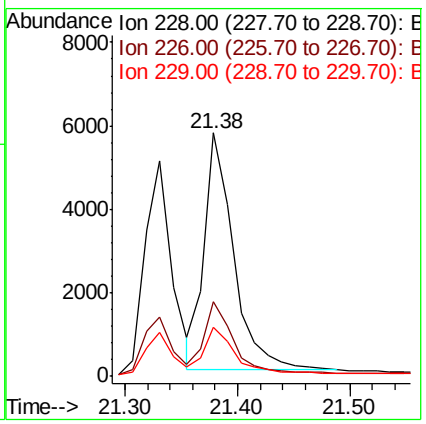


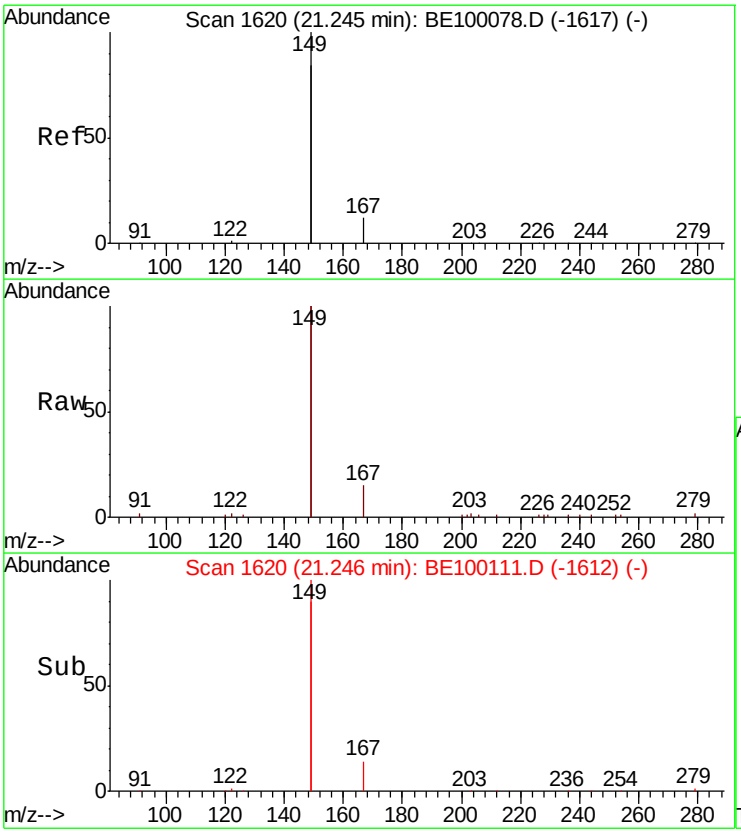
#31
Chrysene
Concen: 0.410 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10315

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	20.1	16.3	24.5

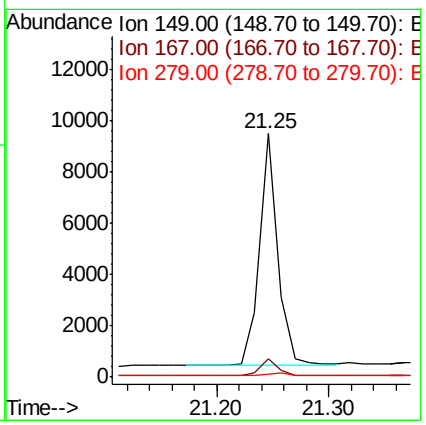


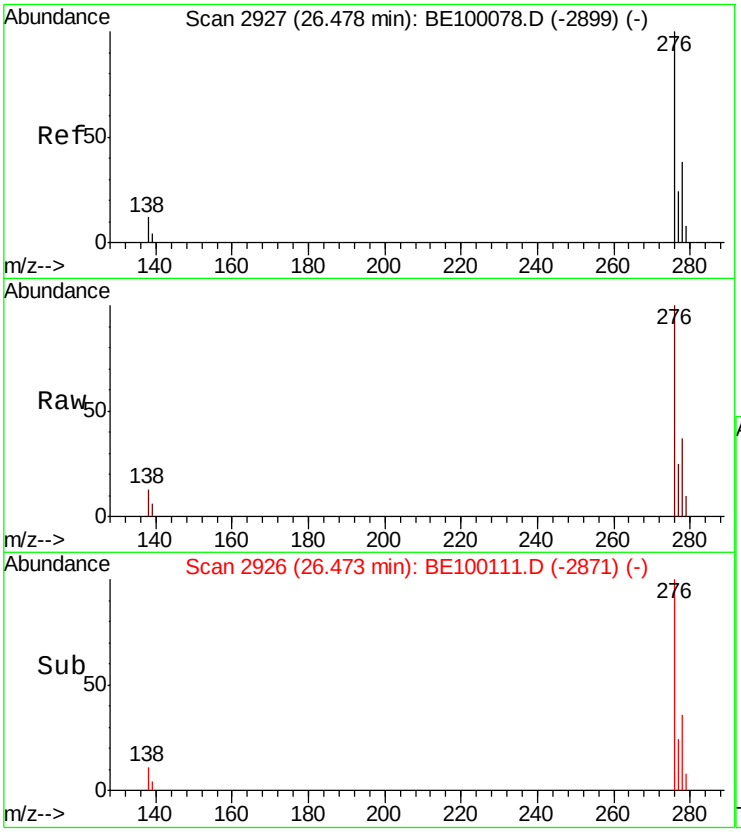


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.511 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:149 Resp: 10439

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.5	1.1	1.7



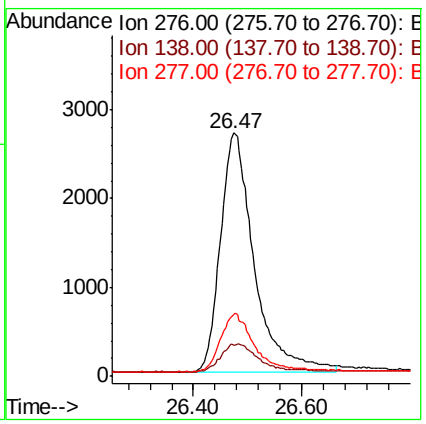


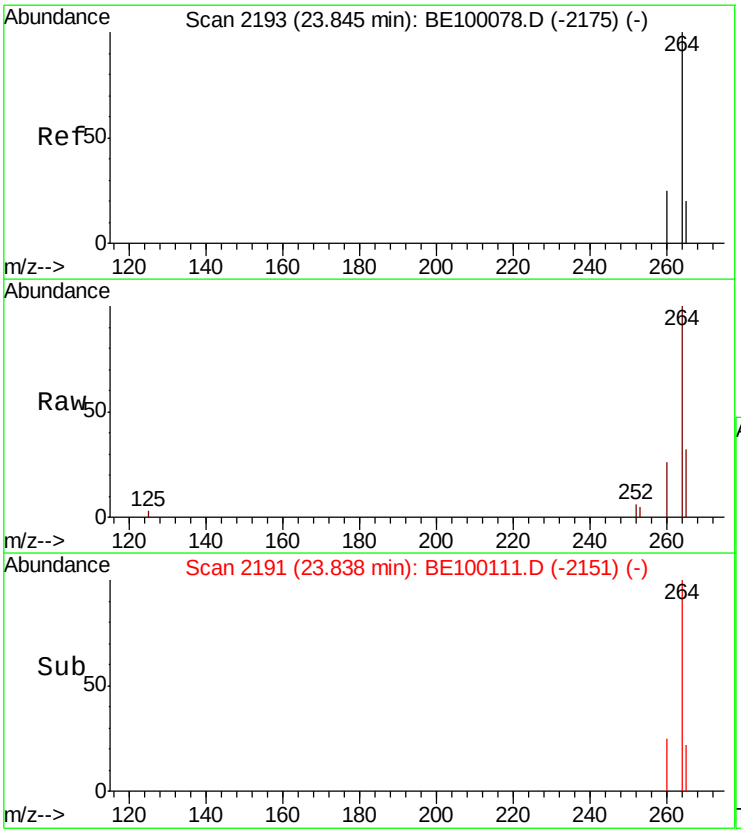
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11644

Ion	Ratio	Lower	Upper
276	100		
138	12.8	4.3	6.5#
277	23.8	19.4	29.0

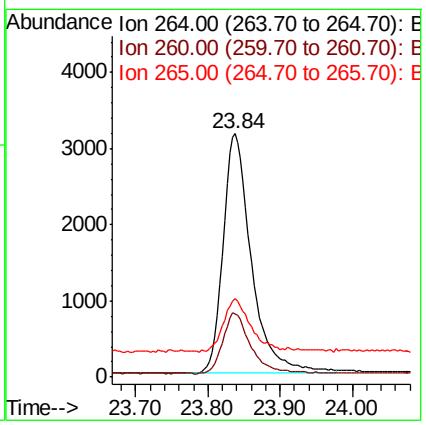


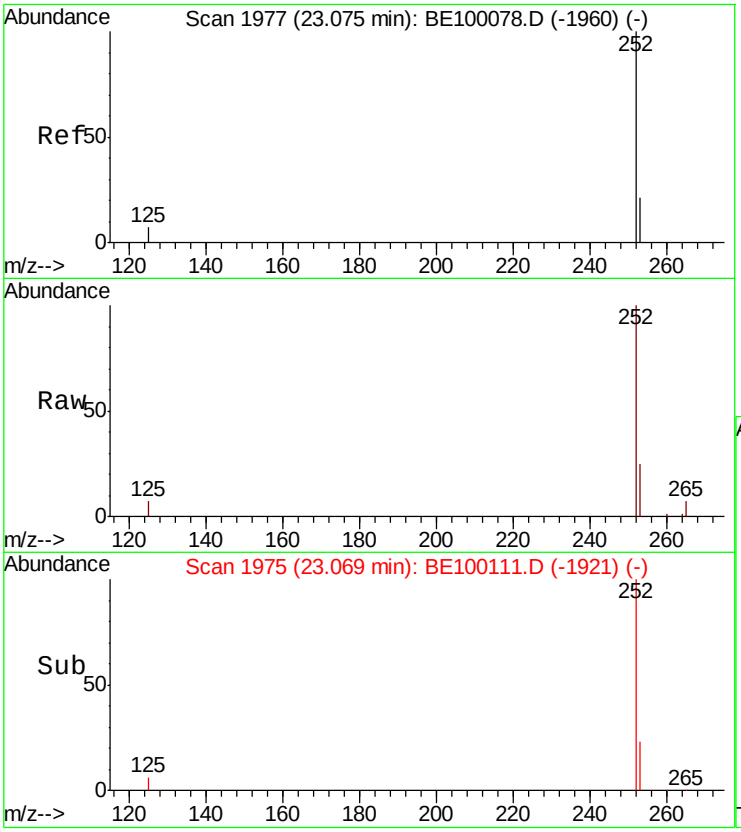


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:264 Resp: 8452

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.8	31.2
265	32.2	23.2	34.8



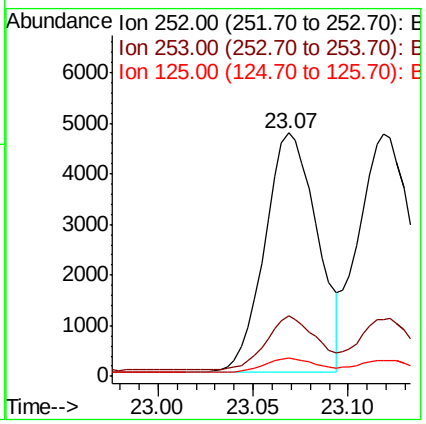


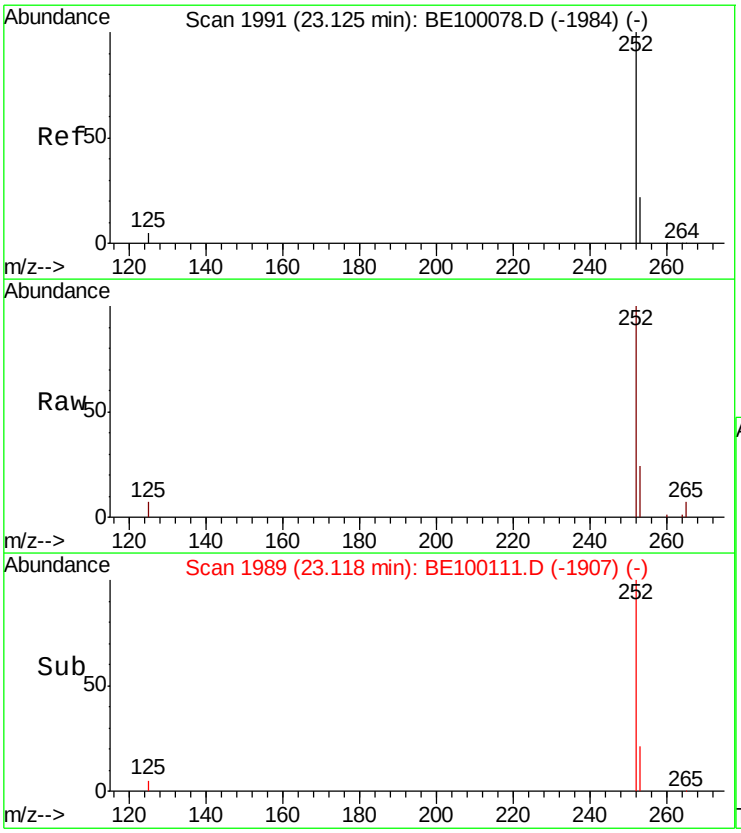
#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9052

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	7.5	6.4	9.6

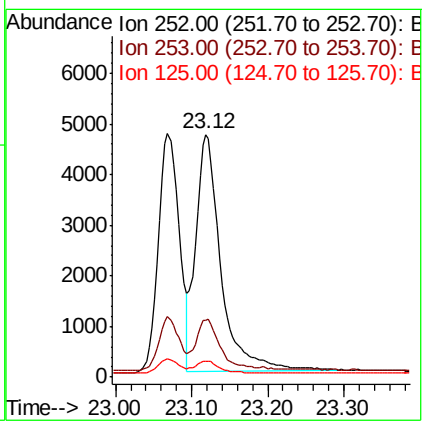


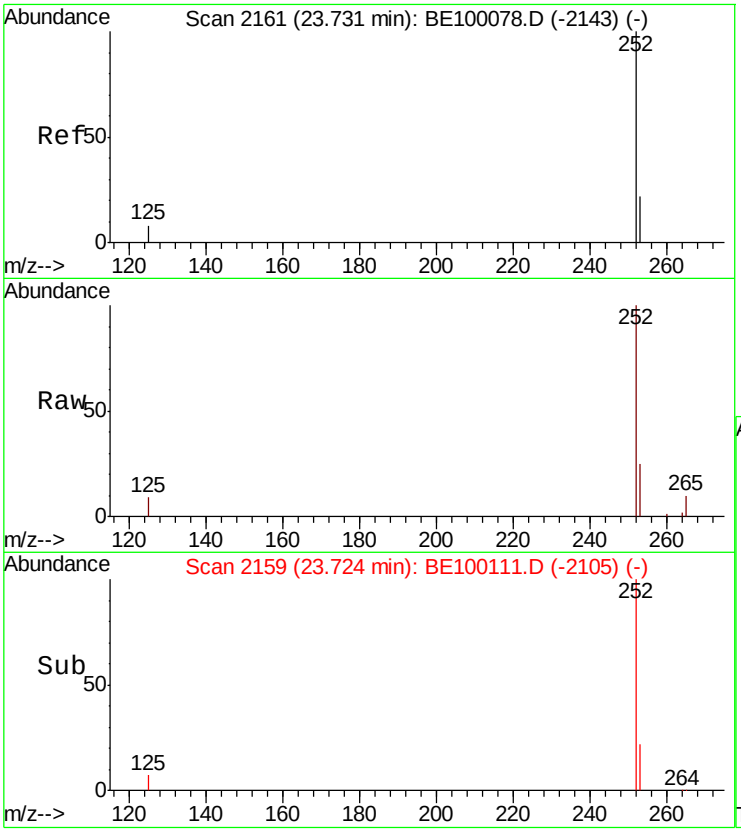


#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:252 Resp: 10823

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	6.7	5.3	7.9



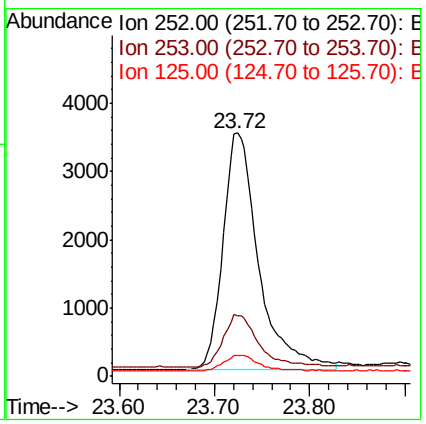


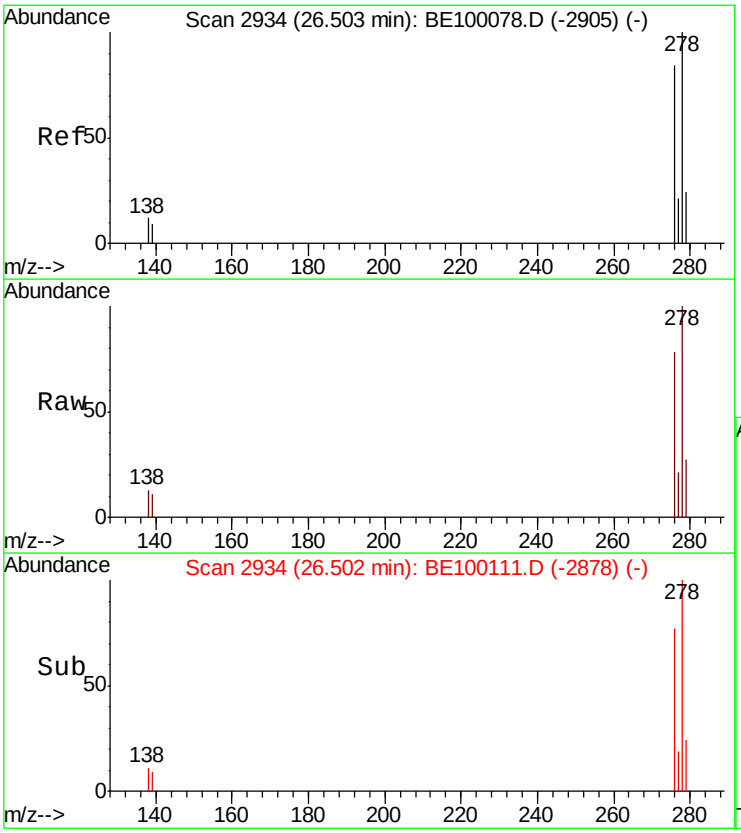
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9042

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.4	29.2
125	8.6	8.0	12.0

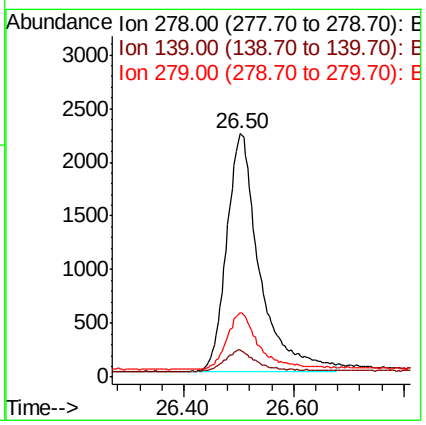


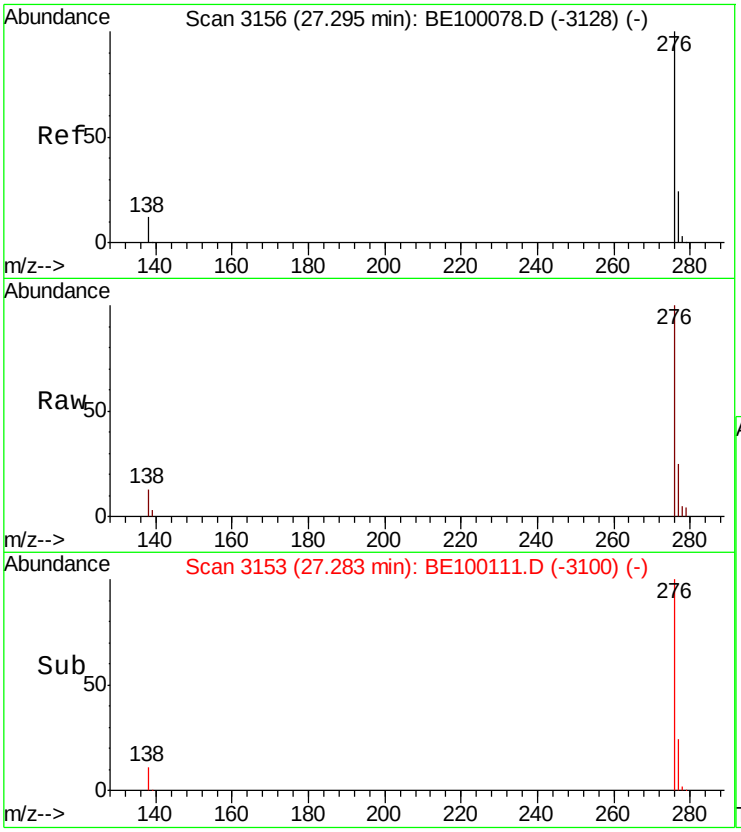


#38
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.00 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Tgt Ion:278 Resp: 9290

Ion	Ratio	Lower	Upper
278	100		
139	11.2	9.0	13.6
279	26.6	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.28 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE100111.D
Acq: 20 Jun 2019 17:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9785

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	13.4	11.3	16.9