Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE010920\

Quantitation Report (Not Reviewed)

Data File : BE101017.D
Acq On : 9 Jan 2020 18:07
Operator : JU
Sample : SSTDCCC0.4
Misc : LOQ-W-0.1NG
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 10 01:03:07 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2978	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	13333	0.40	ng		0.00
13) Acenaphthene-d10	14.35	164	8106	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	17885	0.40	ng		0.00
27) Chrysene-d12	21.27	240	14990	0.40	ng		-0.01
34) Perylene-d12	23.70	264	15717	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2396	0.36	ng		0.00
5) Phenol-d6	6.92	99	2796	0.33	ng		0.00
8) Nitrobenzene-d5	8.87	82	2826	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	10366	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	632	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	12812	0.42	ng		0.00
25) Fluoranthene-d10	19.13	212	91210	0.37	ng		0.00
29) Terphenyl-d14	19.74	244	14514	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	2931	0.412	ng		99
3) n-Nitrosodimethylamine	3.61	42	1352	0.327	ng	#	88
6) bis(2-Chloroethyl)ether	7.16	93	3329	0.330	ng		94
9) Naphthalene	10.55	128	61214	0.413	ng		100
10) Hexachlorobutadiene	10.85	225	2631	0.420	ng		96
12) 2-Methylnaphthalene	12.18	142	8763	0.391	ng		99
16) Acenaphthylene	14.08	152	11102	0.336	ng		99
17) Acenaphthene	14.43	154	9242	0.391	ng		98
18) Fluorene	15.39	166	11589	0.388	ng		98
20) 4-Bromophenyl-phenylether	16.30	248	3262	0.374	ng		96
21) Hexachlorobenzene	16.41	284	4024	0.420	ng		98
22) Pentachlorophenol	16.76	266	517	0.404	ng		96
23) Phenanthrene	17.13	178	19099	0.391	ng		98
24) Anthracene	17.23	178	17029	0.370	ng		100
26) Fluoranthene	19.16	202	22030	0.360	ng		100
28) Pyrene	19.52	202	22331	0.400	ng		99
30) Benzo(a)anthracene	21.26	228	13817	0.323	ng		99
31) Chrysene	21.31	228	28944	0.455	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	23848	0.335	ng		100
33) Indeno(1,2,3-cd)pyrene	26.24	276	20560	0.409	ng		96
35) Benzo(b)fluoranthene	22.95	252	15808	0.359	ng		98
36) Benzo(k)fluoranthene	23.00	252	22946	0.359	ng		99
37) Benzo(a)pyrene	23.58	252	15902	0.373	ng		99
38) Dibenzo(a,h)anthracene	26.27	278	13913	0.355	ng		98
39) Benzo(g,h,i)perylene	27.01	276	19360	0.401	ng		99

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

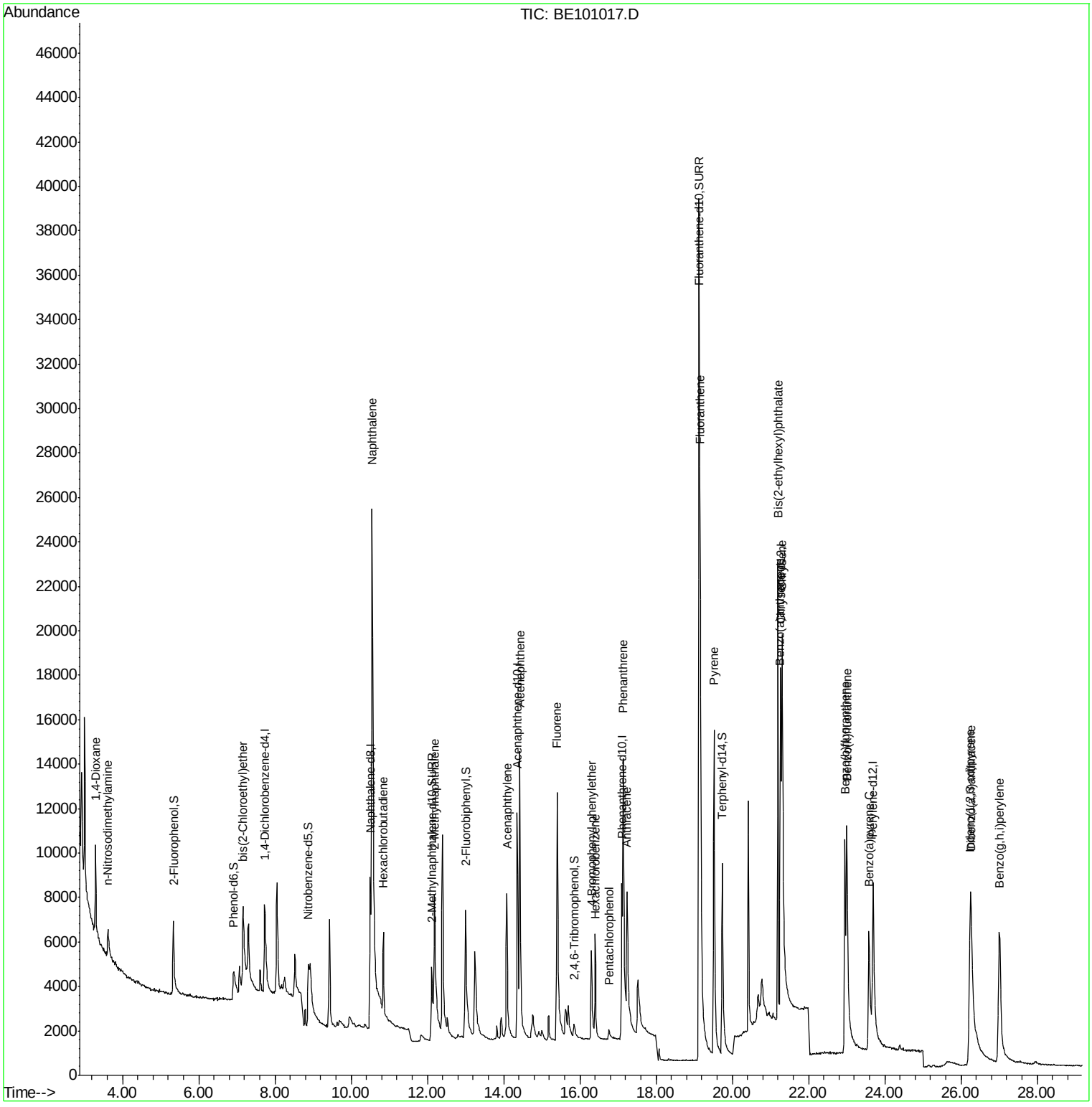
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE010920\

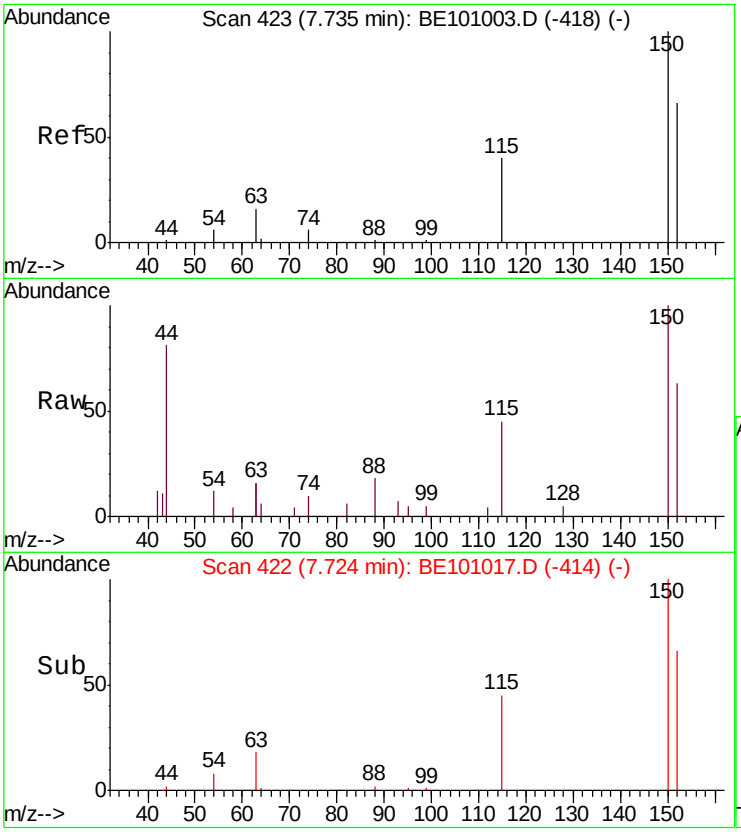
Quantitation Report (Not Reviewed)

Data File : BE101017.D
Acq On : 9 Jan 2020 18:07
Operator : JU
Sample : SSTDCCC0.4
Misc : LOQ-W-0.1NG
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 10 01:03:07 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



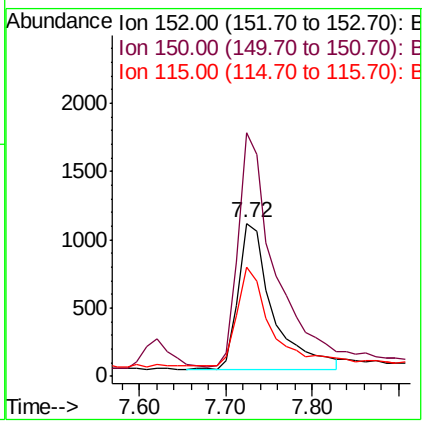


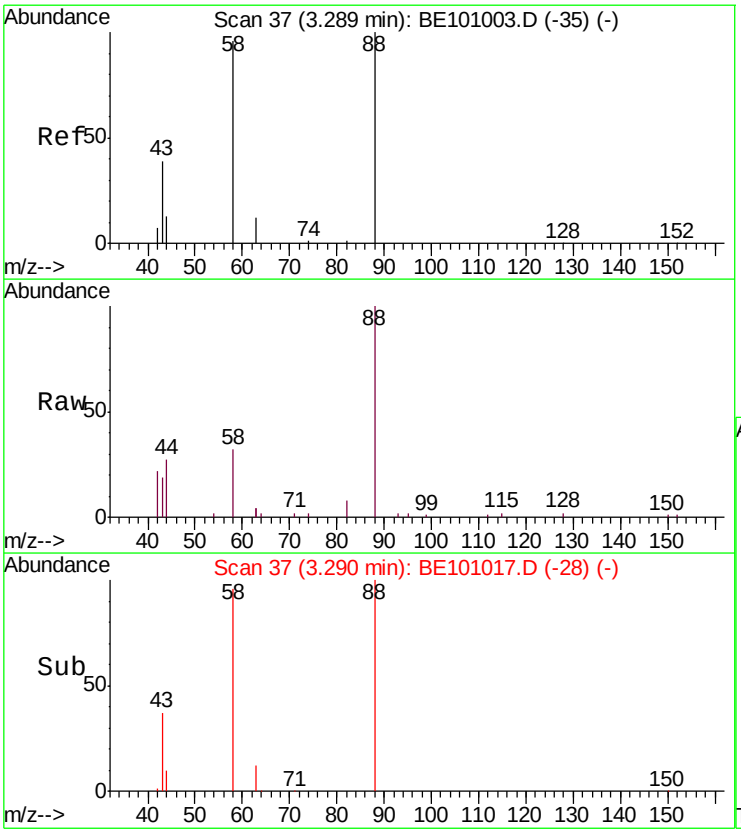
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2978

Ion	Ratio	Lower	Upper
152	100		
150	158.8	120.3	180.5
115	71.3	51.7	77.5

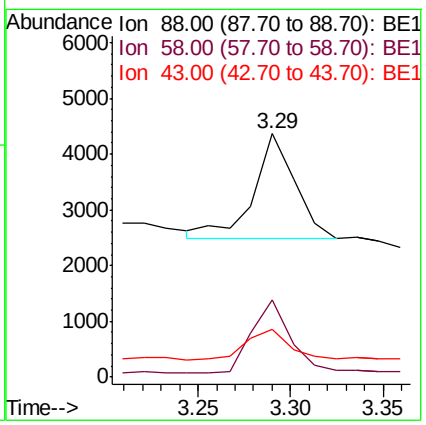


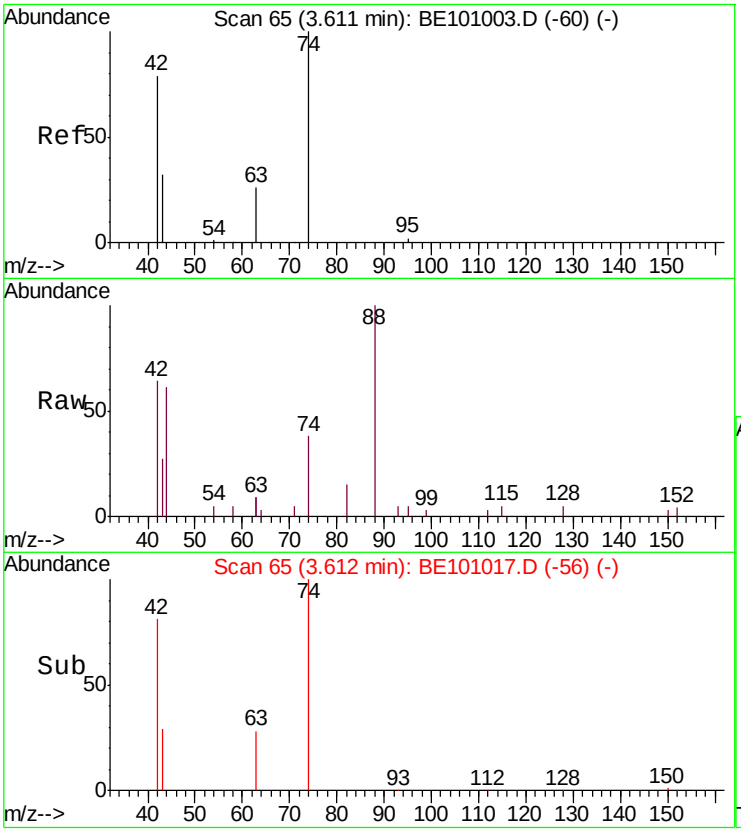


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion: 88 Resp: 2931

Ion	Ratio	Lower	Upper
88	100		
58	65.9	53.0	79.4
43	30.1	23.4	35.2



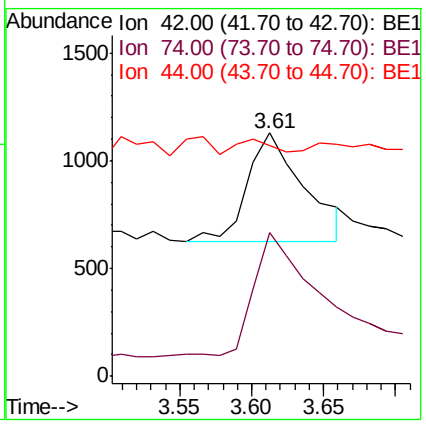


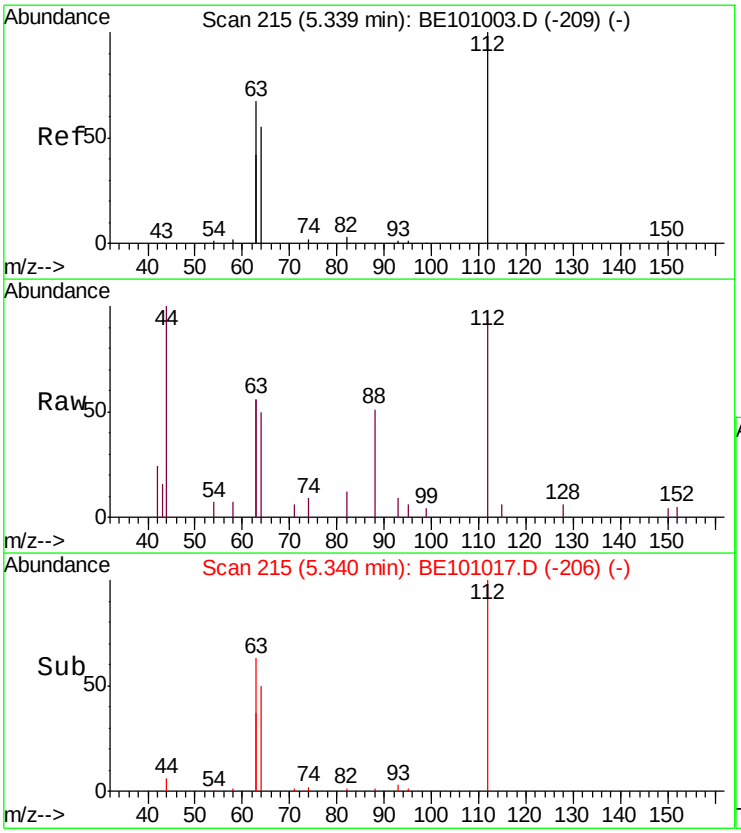
#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1352

Ion	Ratio	Lower	Upper
42	100		
74	118.1	105.7	158.5
44	9.3	10.0	15.0#

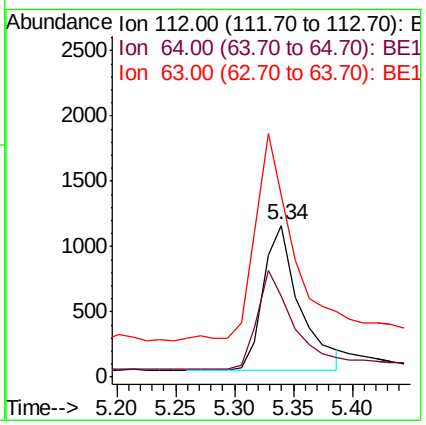


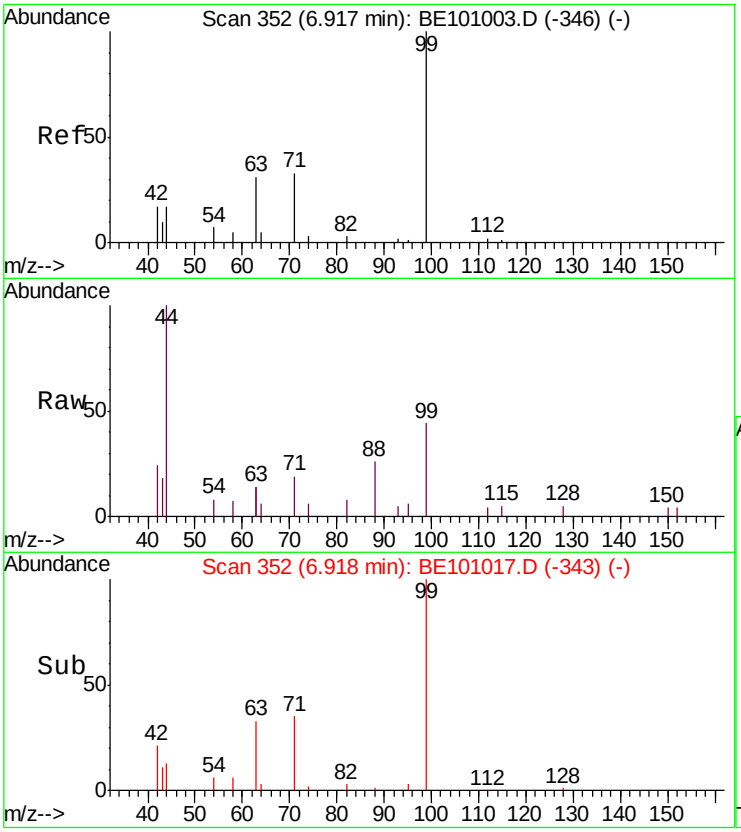


#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:112 Resp: 2396

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.6	80.4
63	143.4	114.6	172.0



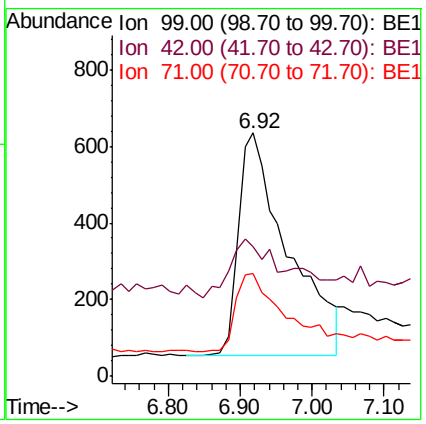


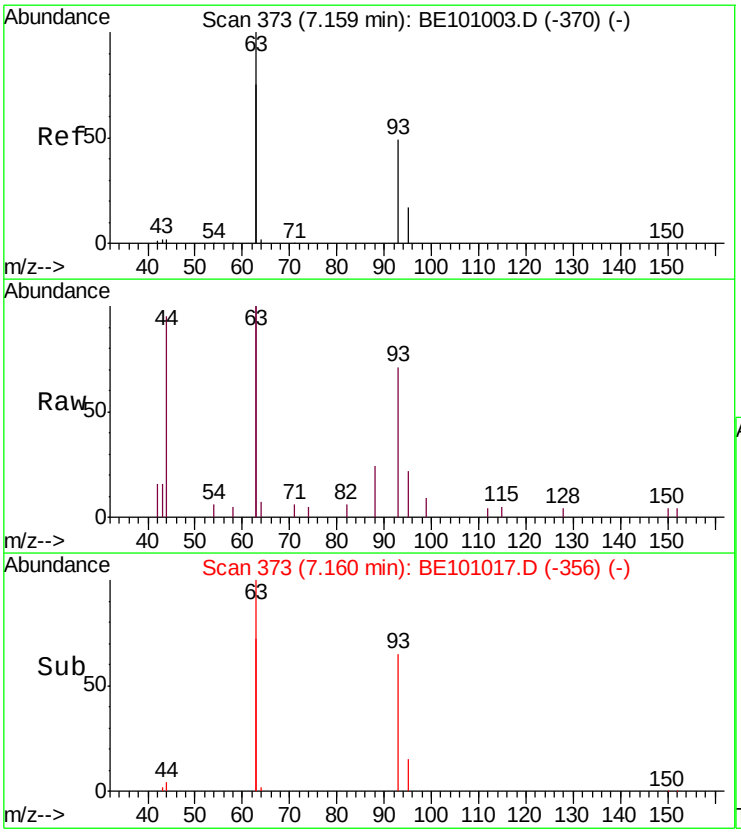
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2796

Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.3	27.5
71	35.1	28.0	42.0

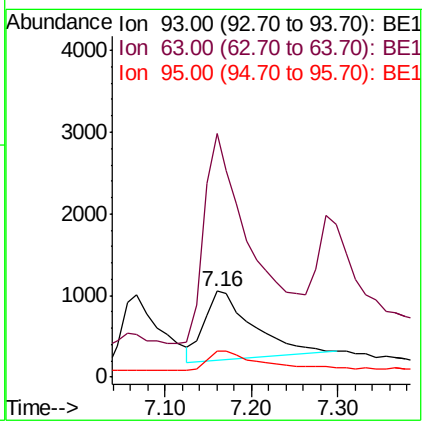


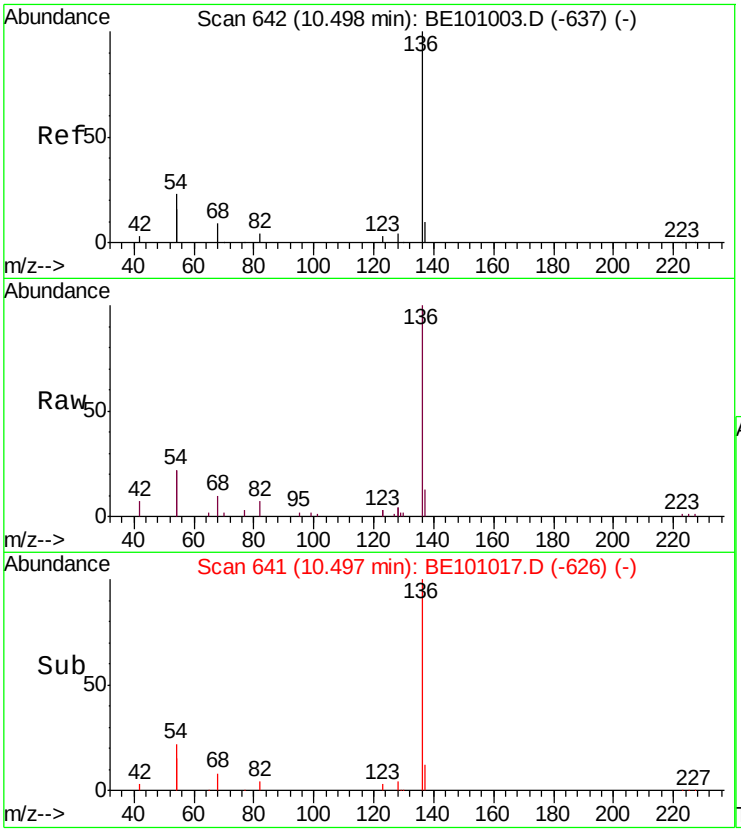


#6
bis(2-Chloroethyl)ether
Concen: 0.330 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion: 93 Resp: 3329

Ion	Ratio	Lower	Upper
93	100		
63	304.7	233.9	350.9
95	32.0	23.5	35.3



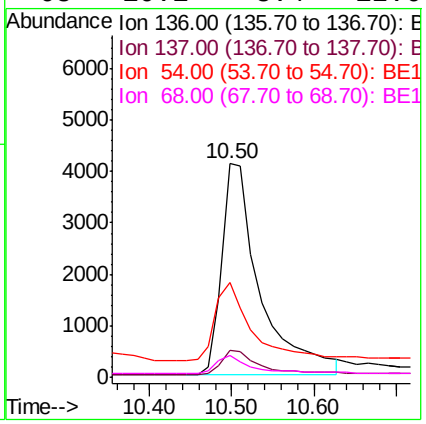


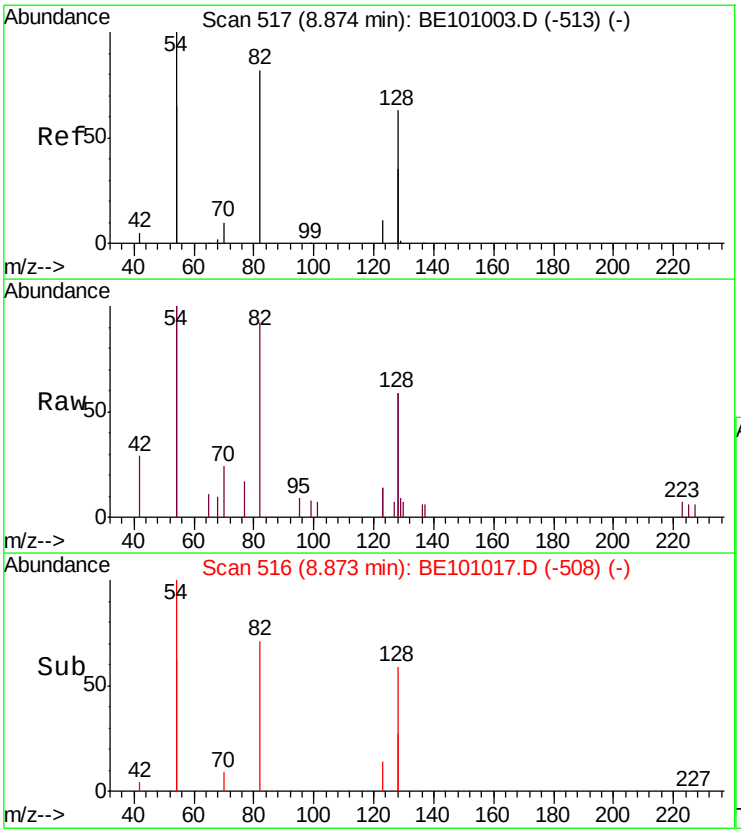
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13333

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.3	13.9
54	44.4	36.8	55.2
68	10.1	8.4	12.6

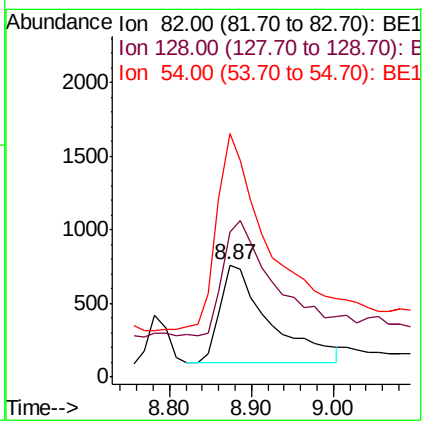


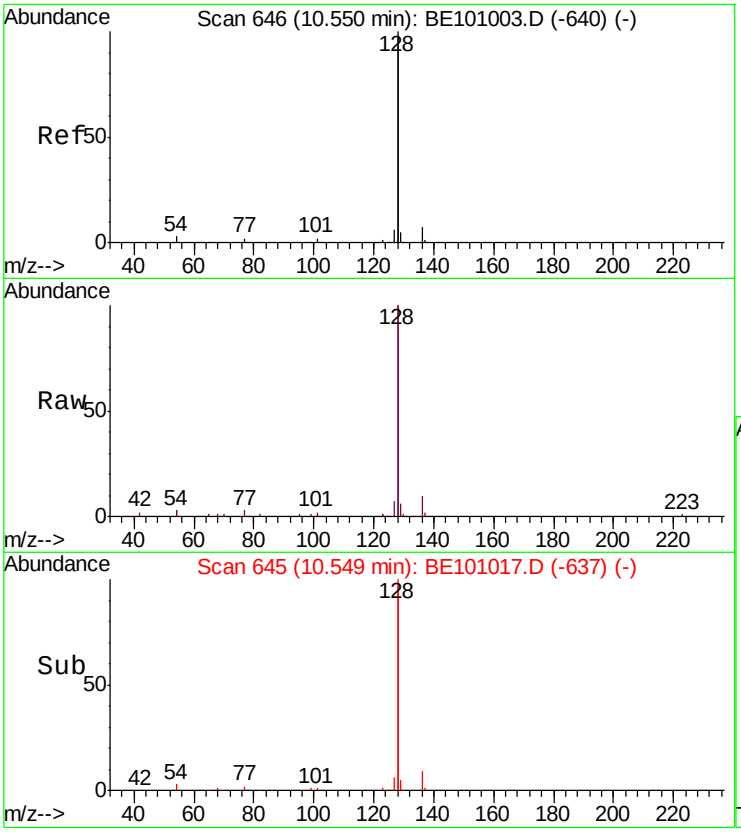


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion: 82 Resp: 2826

Ion	Ratio	Lower	Upper
82	100		
128	129.6	109.8	164.6
54	217.9	174.5	261.7



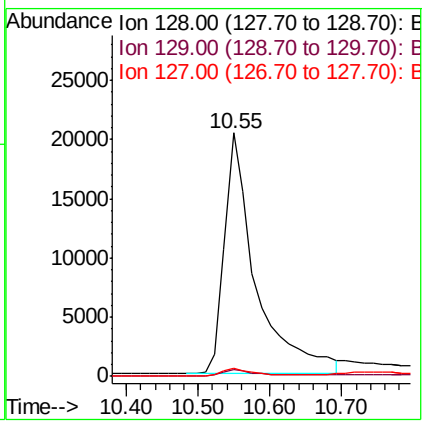


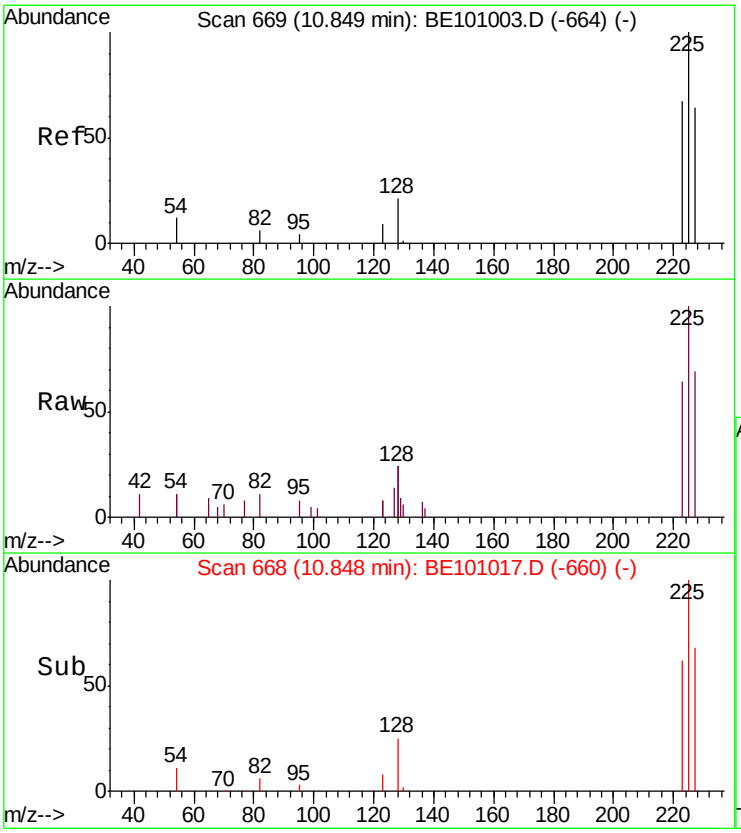
#9
Naphthalene
Concen: 0.413 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 61214

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.5	2.7	4.1

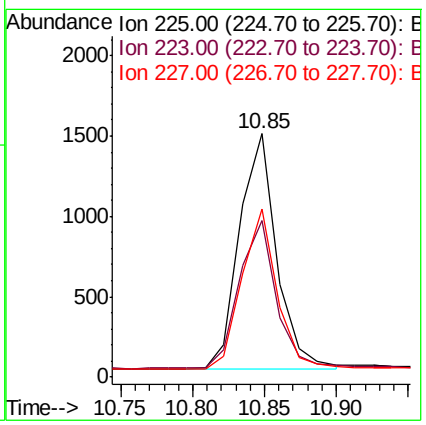


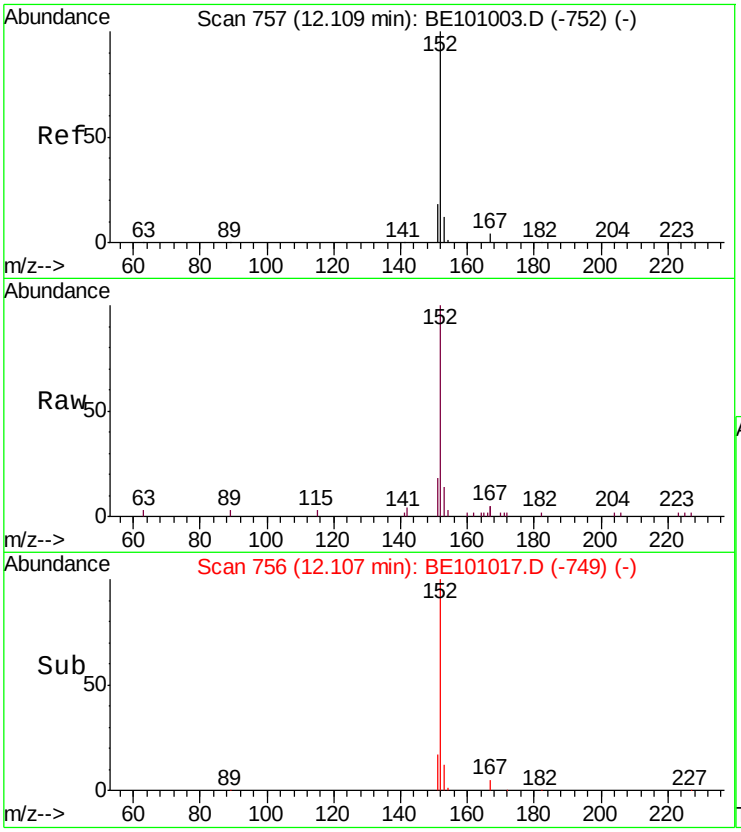


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:225 Resp: 2631

Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.2	78.4
227	65.3	49.9	74.9



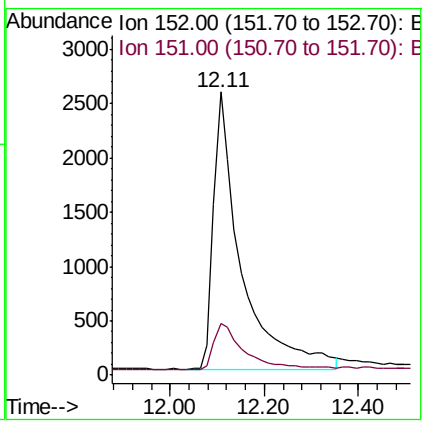


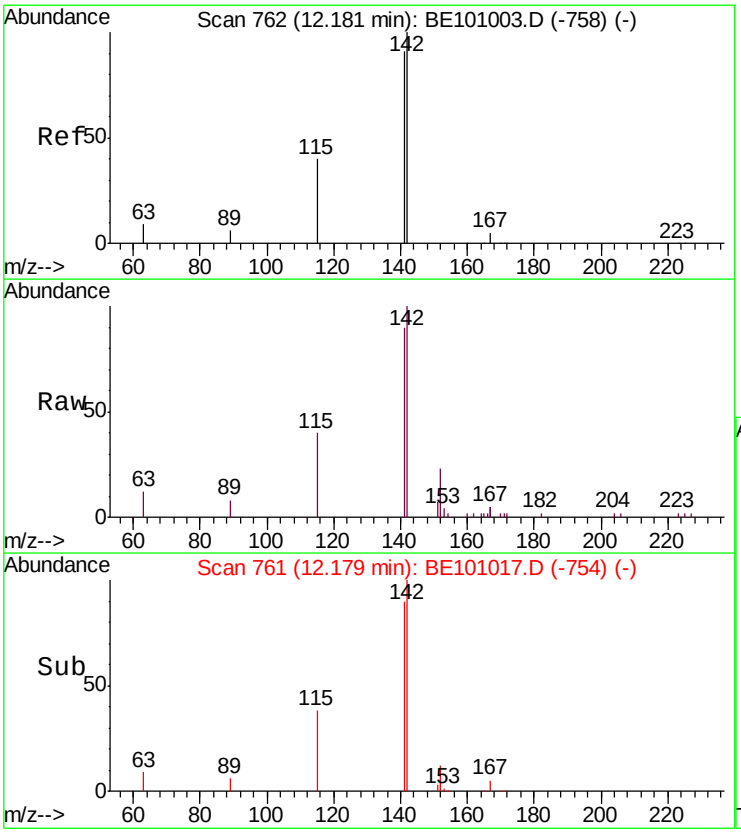
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10366

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.0	22.6

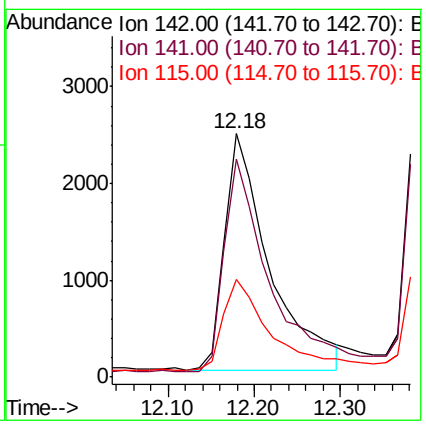


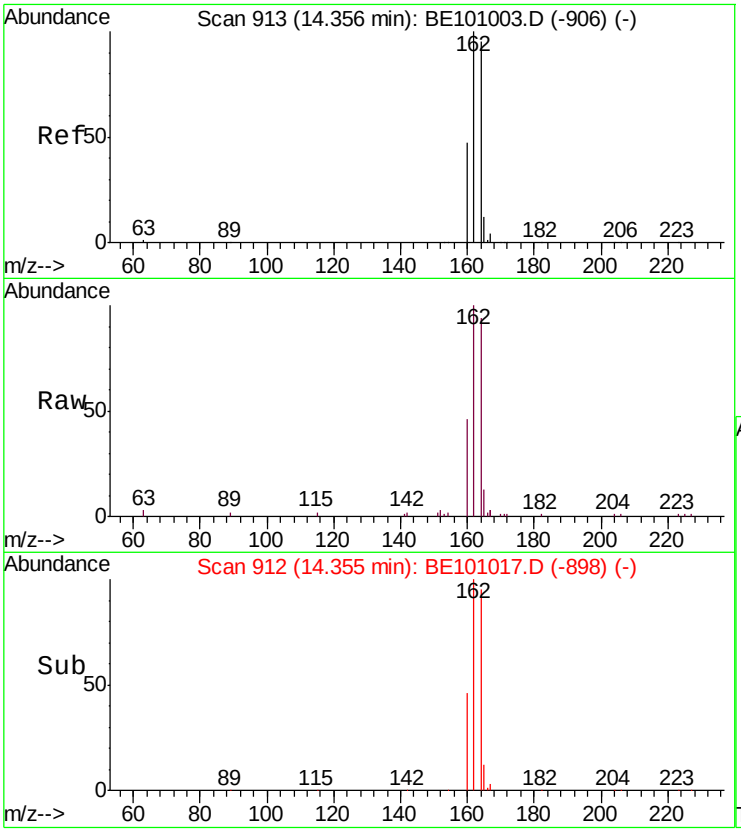


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:142 Resp: 8763

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.5	108.7
115	40.0	33.0	49.6



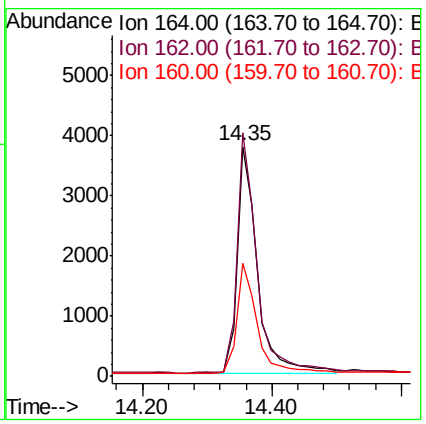


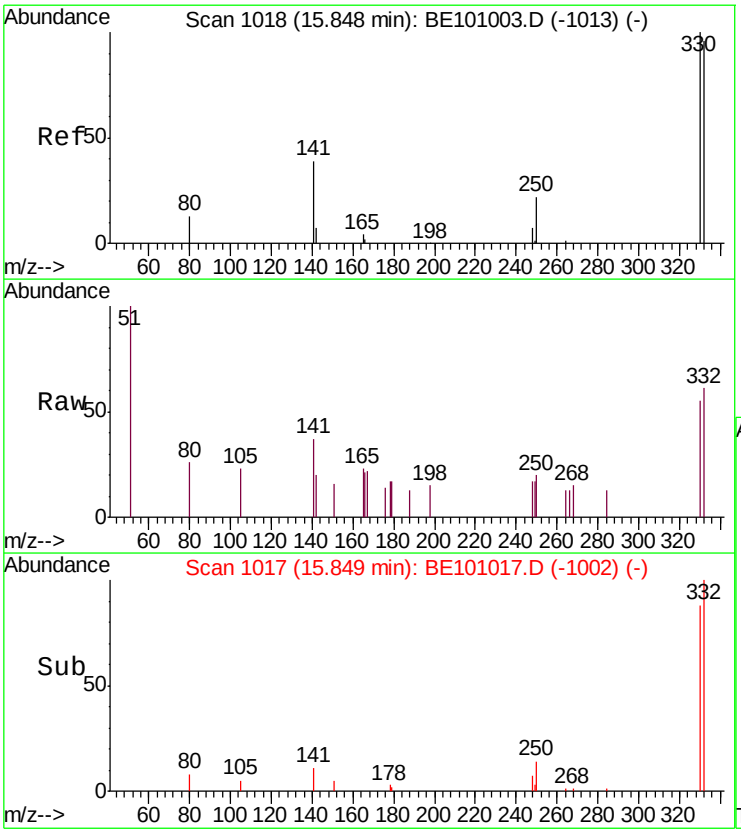
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8106

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.1	126.1
160	49.0	40.4	60.6

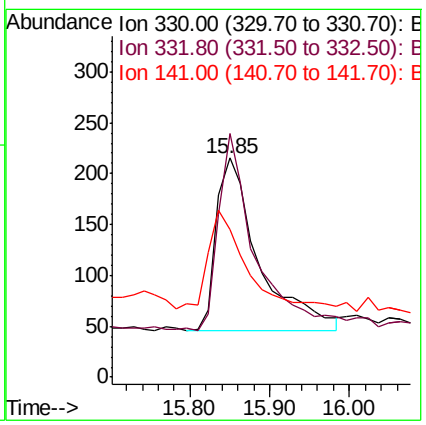


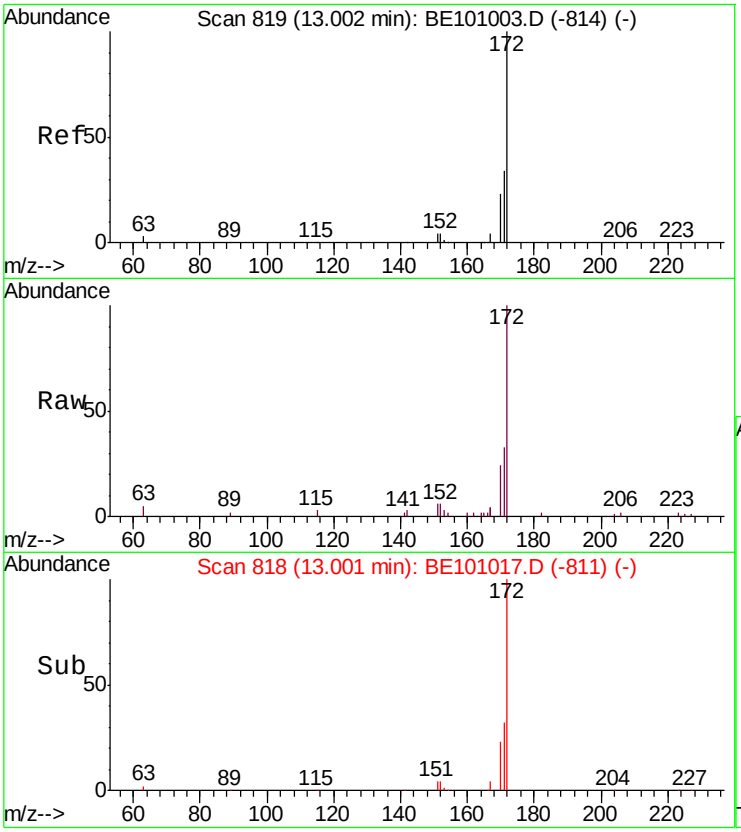


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:330 Resp: 632

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.4	117.6
141	50.5	37.0	55.4



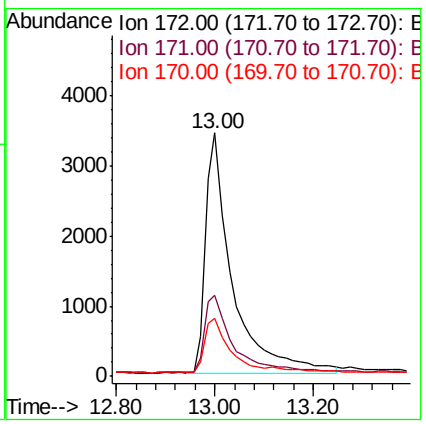


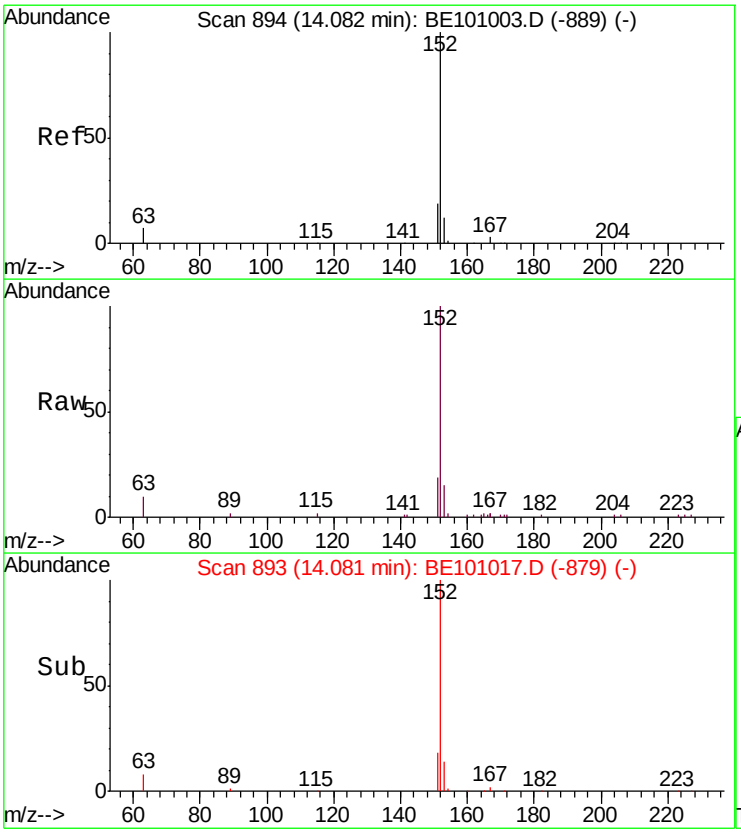
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 12812

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.2	42.2
170	23.8	18.9	28.3

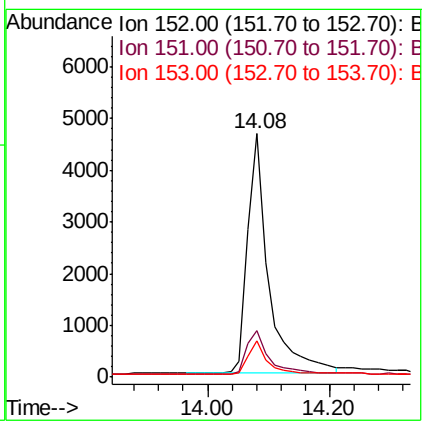


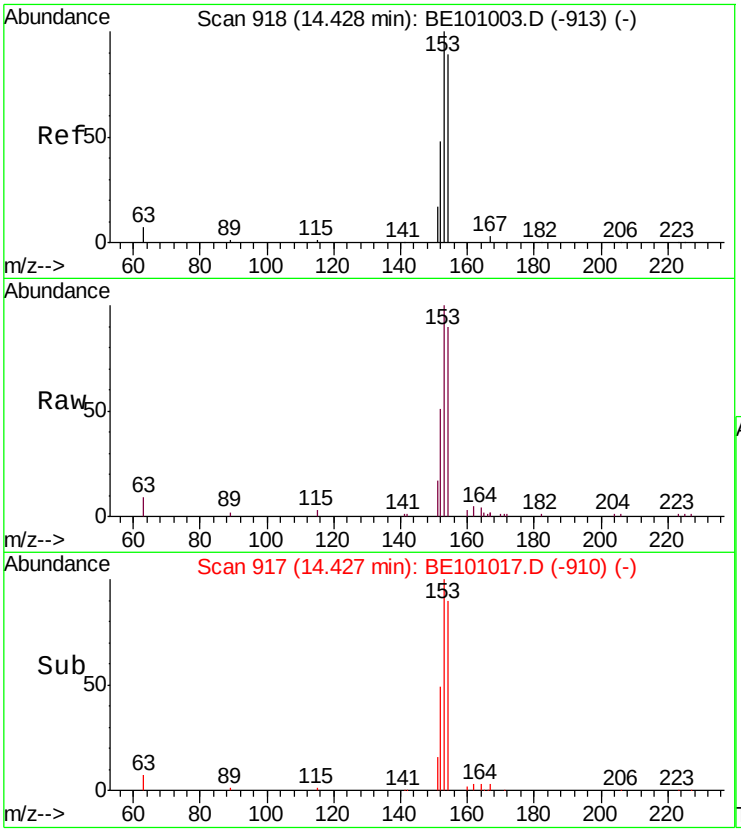


#16
Acenaphthylene
Concen: 0.336 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:152 Resp: 11102

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	14.1	10.4	15.6



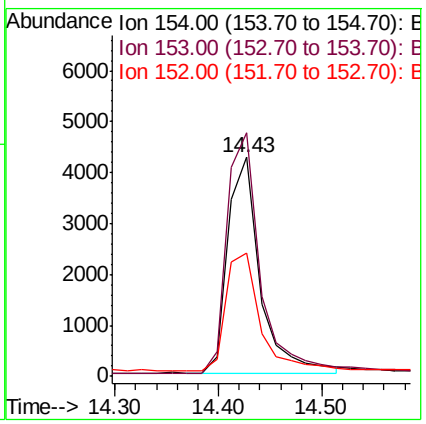


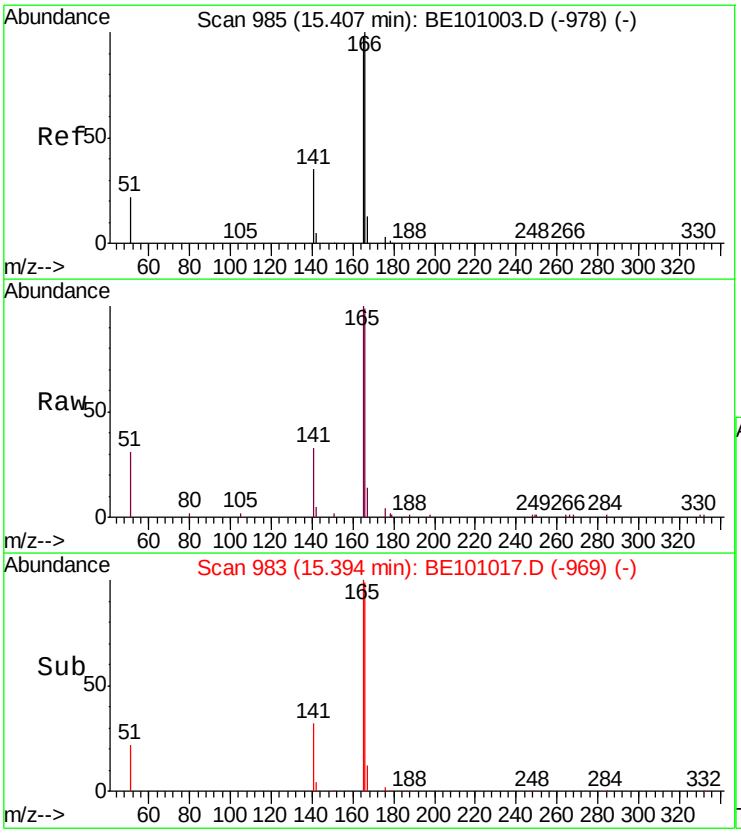
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9242

Ion	Ratio	Lower	Upper
154	100		
153	114.5	93.6	140.4
152	57.3	46.3	69.5

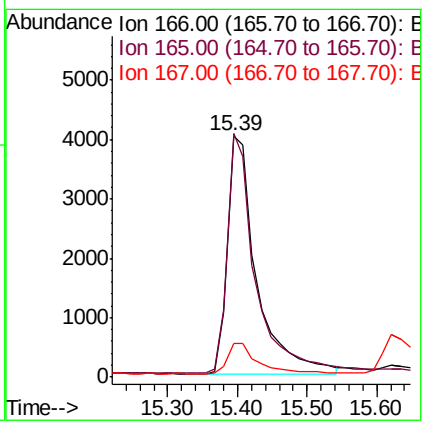


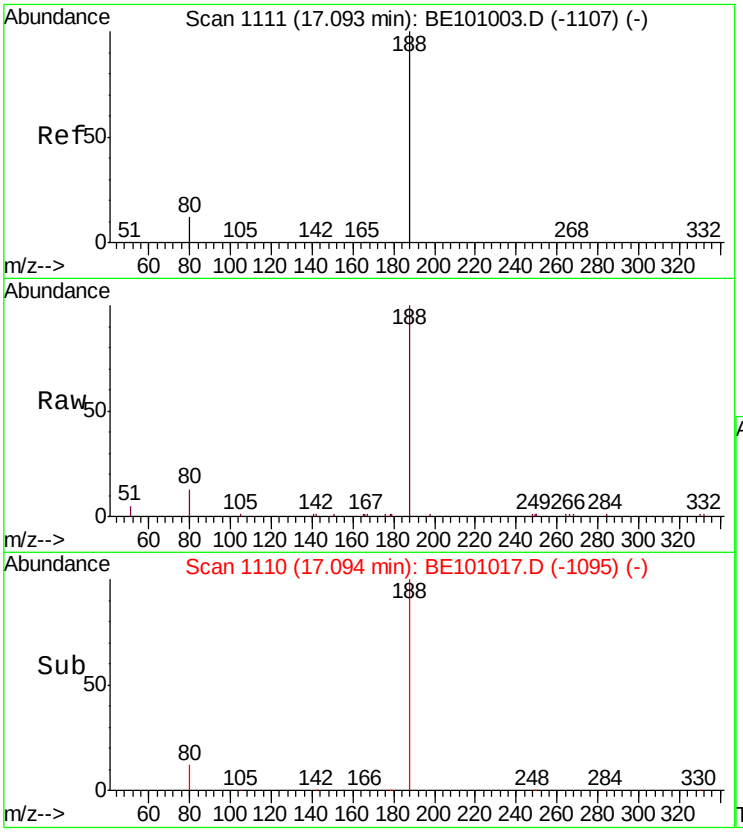


#18
Fluorene
Concen: 0.388 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:166 Resp: 11589

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.5	11.0	16.6



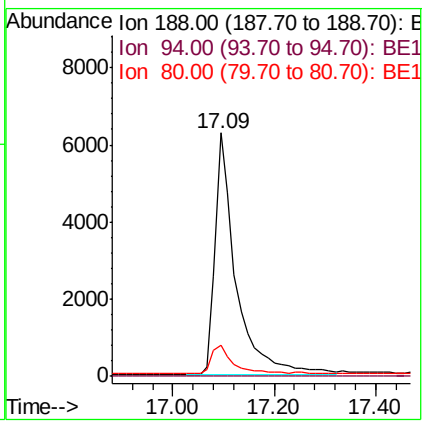


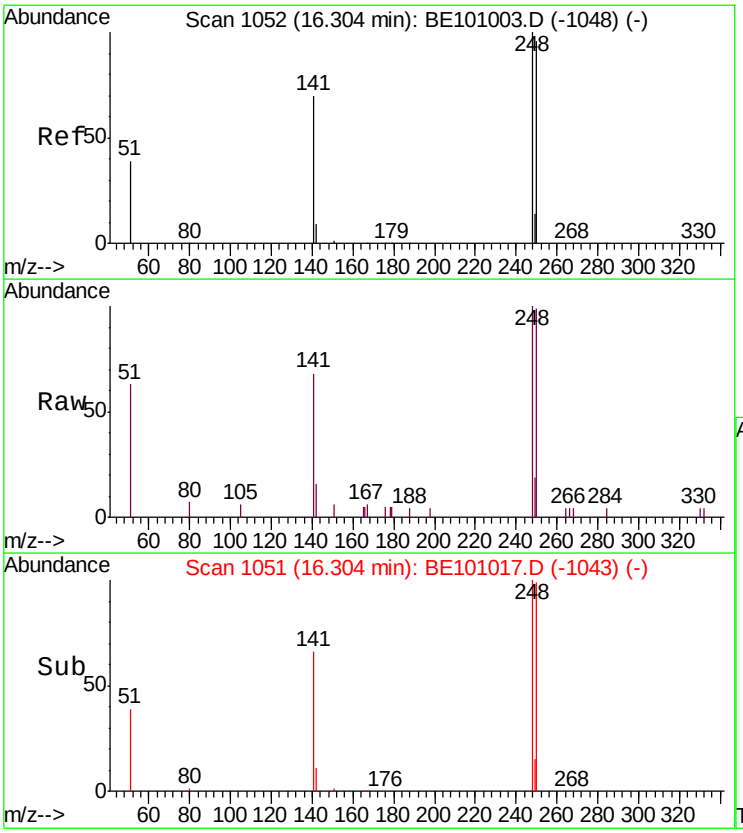
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 17885

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.8	16.2

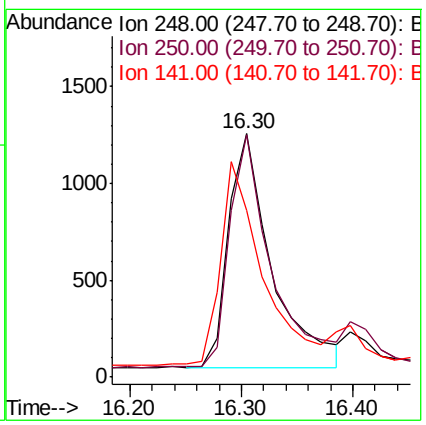


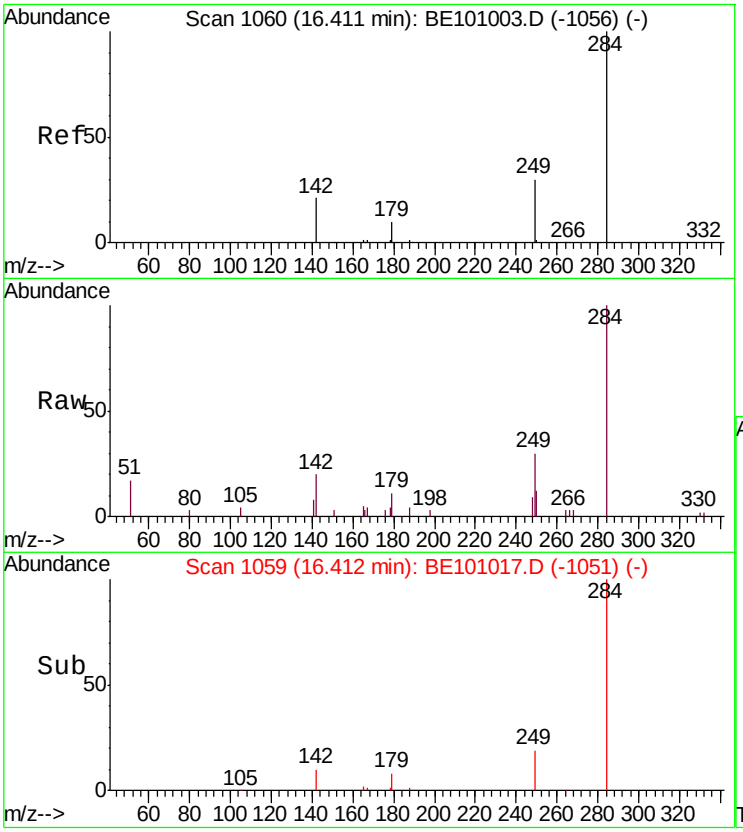


#20
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:248 Resp: 3262

Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.6	115.0
141	68.4	57.7	86.5



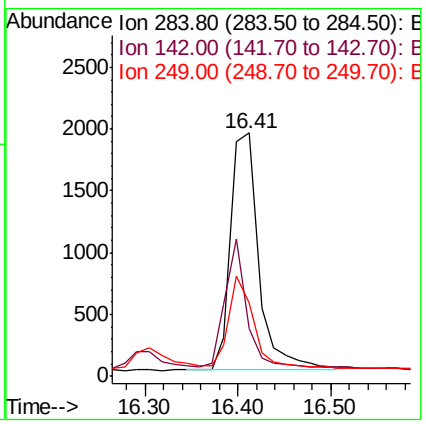


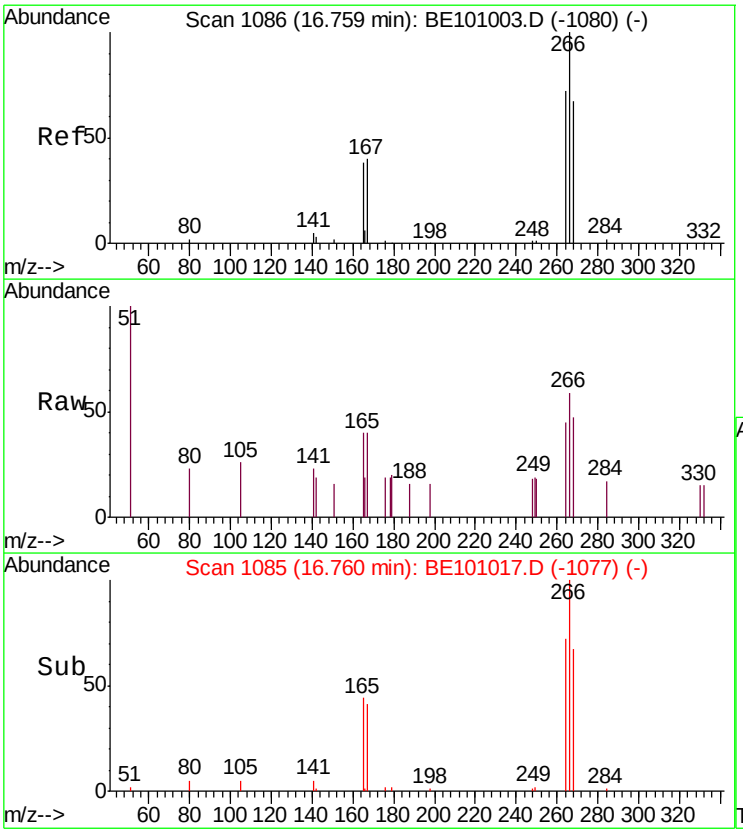
#21
Hexachlorobenzene
Concen: 0.420 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4024

Ion	Ratio	Lower	Upper
284	100		
142	40.9	34.0	51.0
249	34.6	28.2	42.4

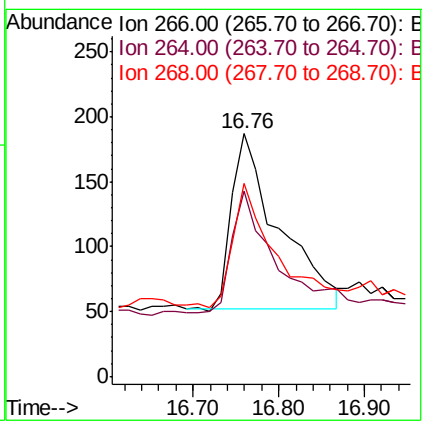


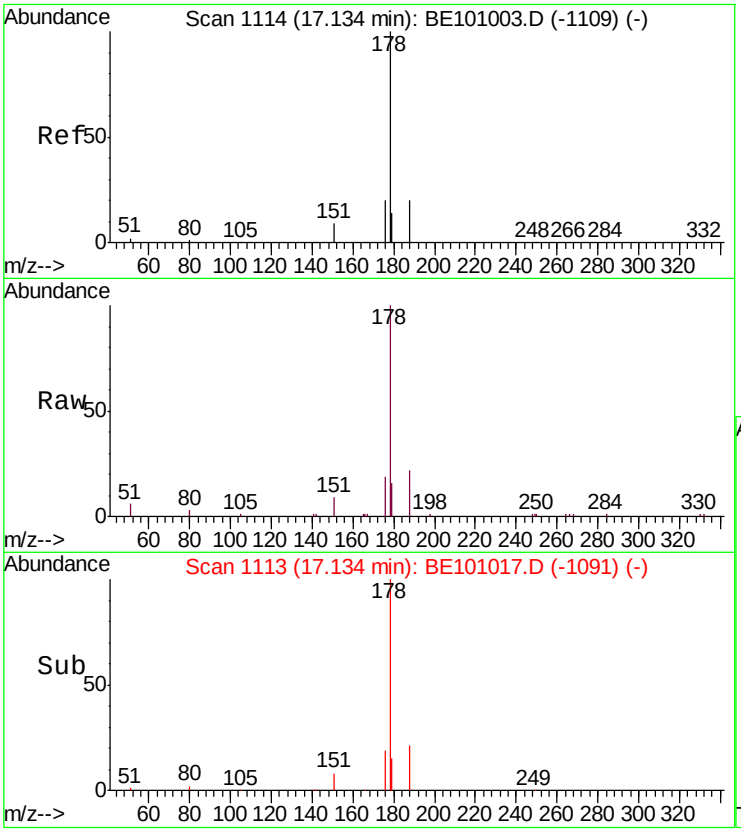


#22
Pentachlorophenol
Concen: 0.404 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:266 Resp: 517

Ion	Ratio	Lower	Upper
266	100		
264	76.5	61.0	91.4
268	79.7	58.5	87.7



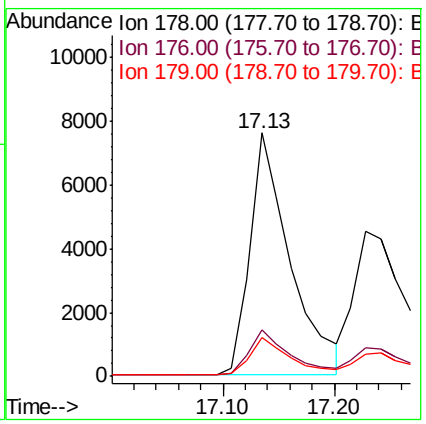


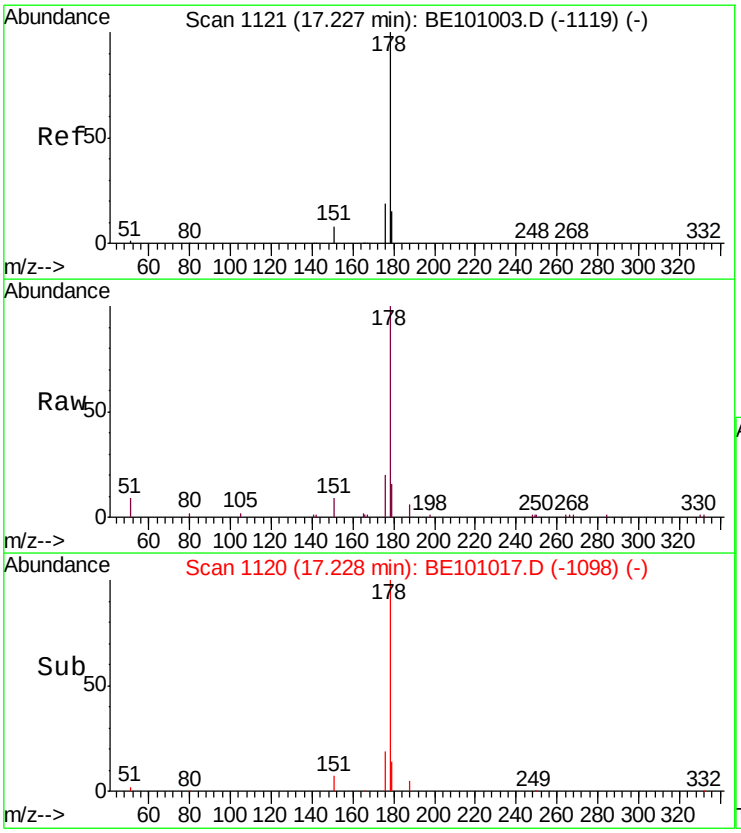
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 19099

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.2	12.0	18.0

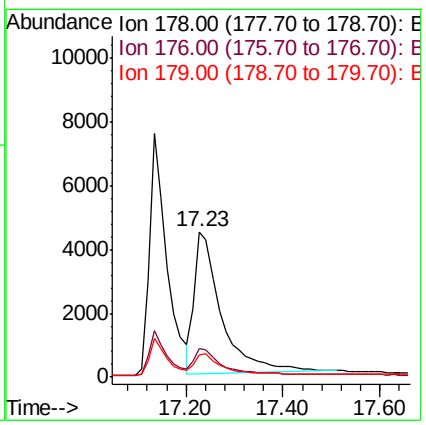


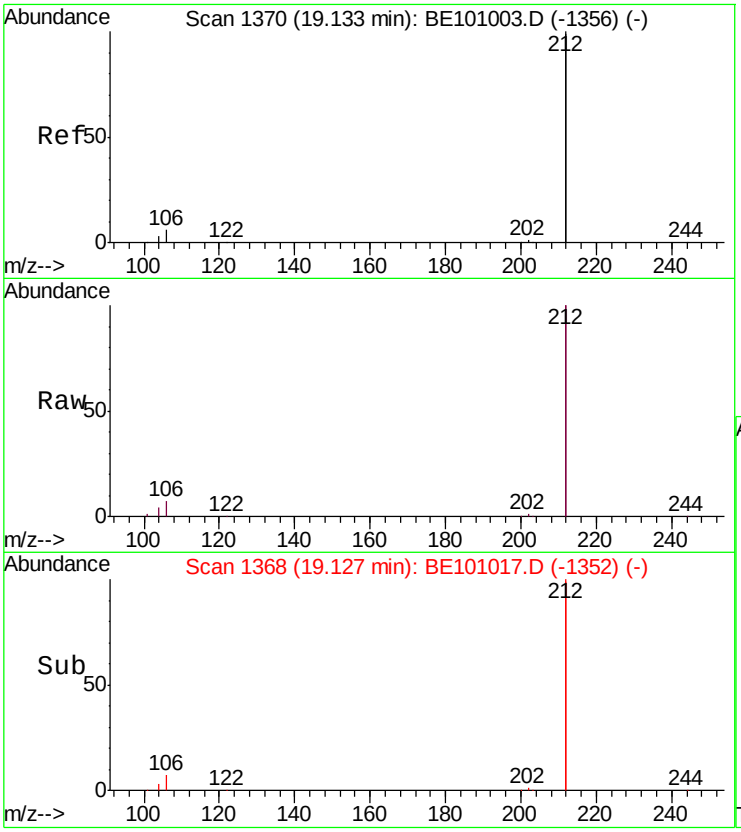


#24
Anthracene
Concen: 0.370 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:178 Resp: 17029

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.4	18.6



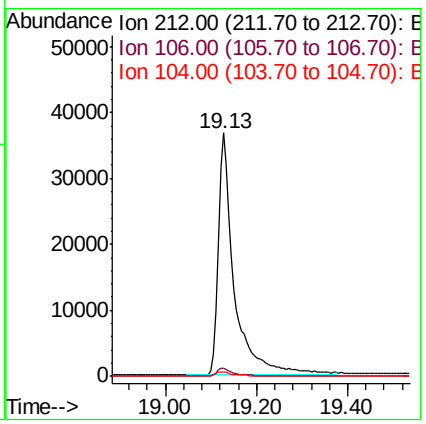


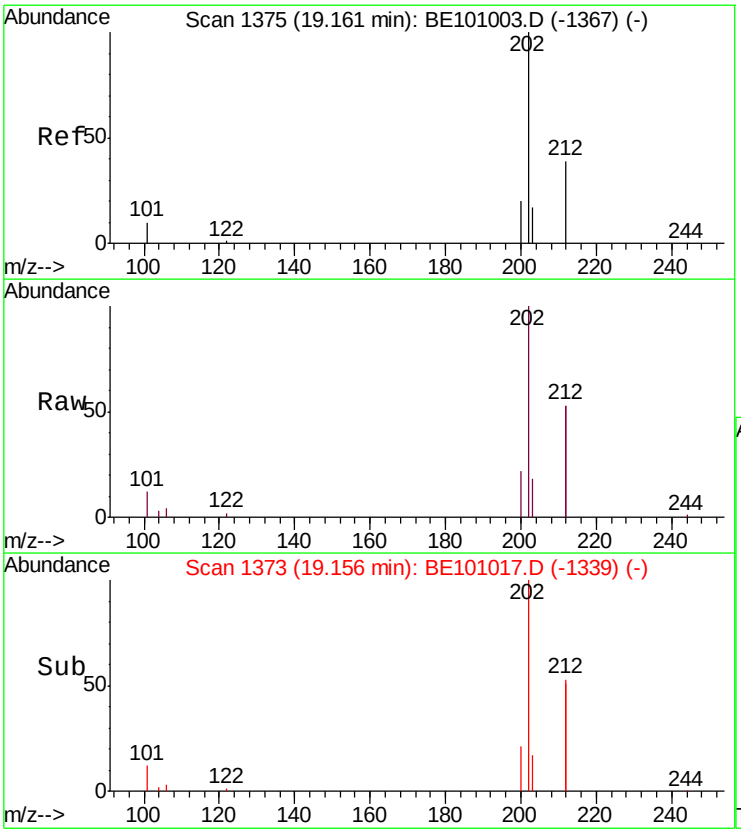
#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 91210

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.9	1.4	2.0

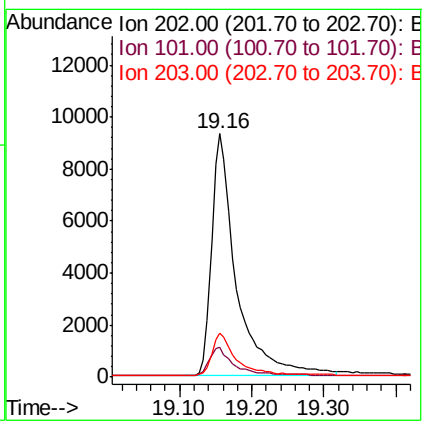


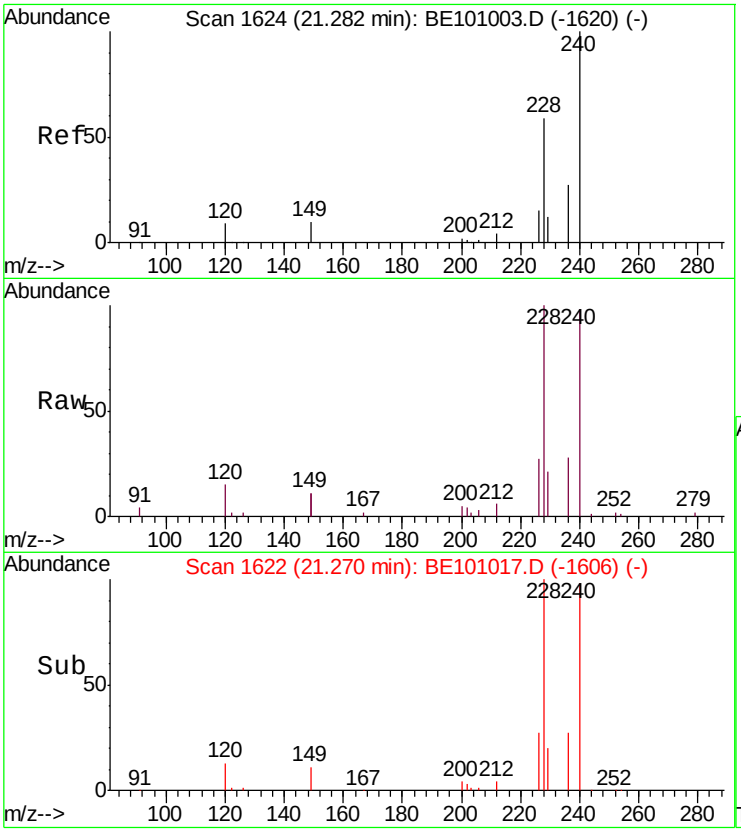


#26
Fluoranthene
Concen: 0.360 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:202 Resp: 22030

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.3	13.8	20.6



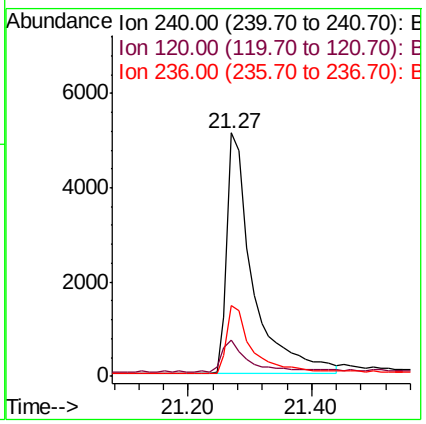


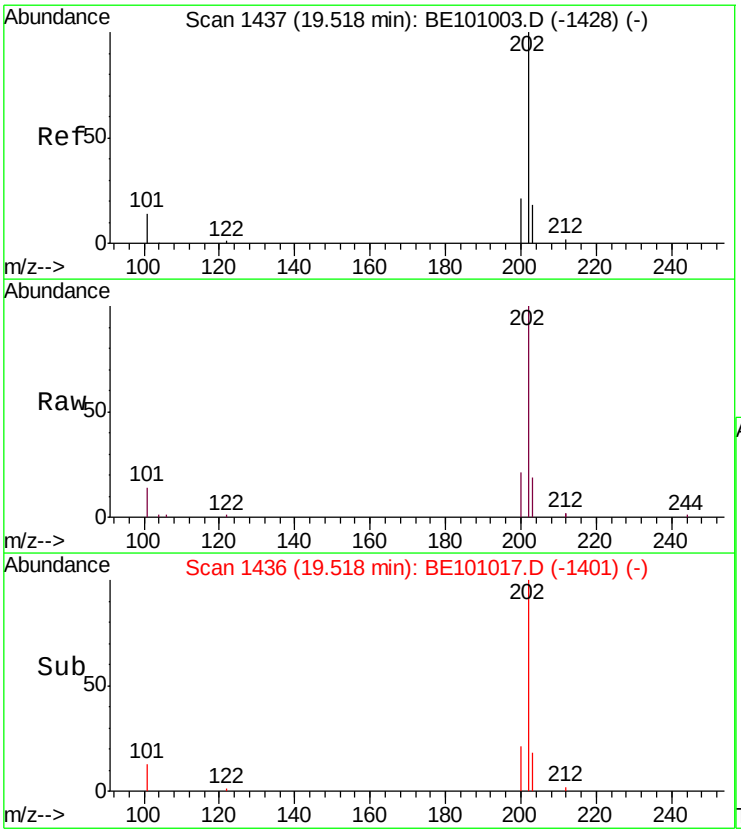
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14990

Ion	Ratio	Lower	Upper
240	100		
120	14.9	8.6	13.0#
236	29.0	22.2	33.4

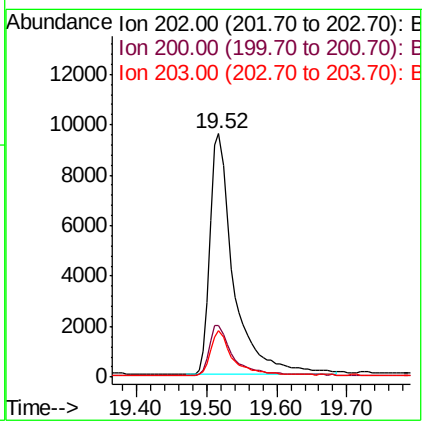


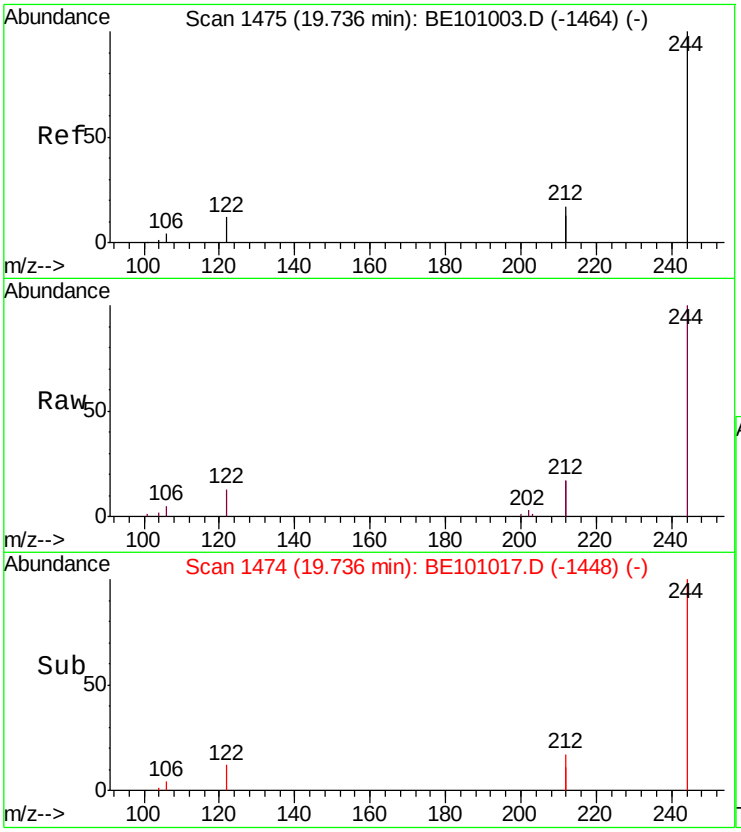


#28
Pyrene
Concen: 0.400 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:202 Resp: 22331

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	13.8	20.6



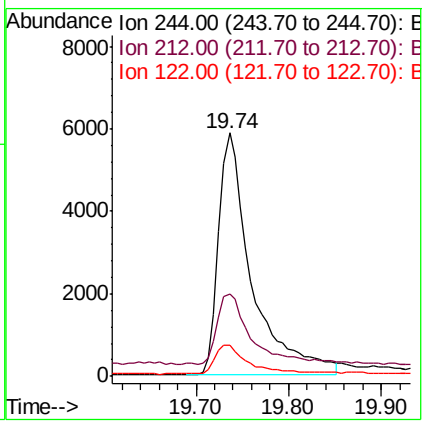


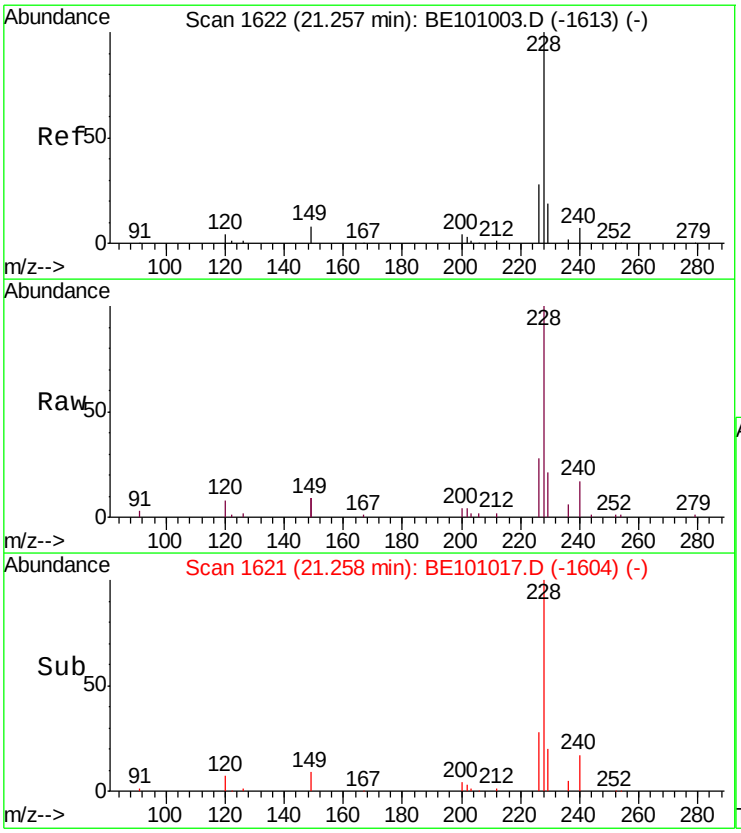
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.74 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 14514

Ion	Ratio	Lower	Upper
244	100		
212	34.0	27.2	40.8
122	12.7	9.8	14.8

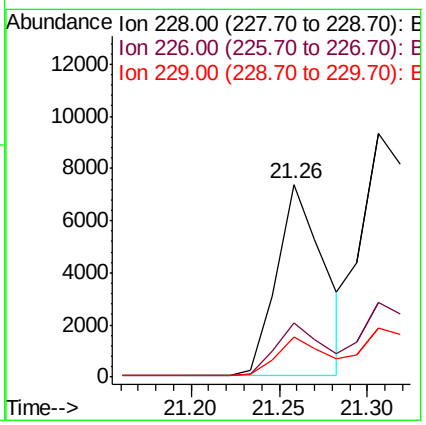


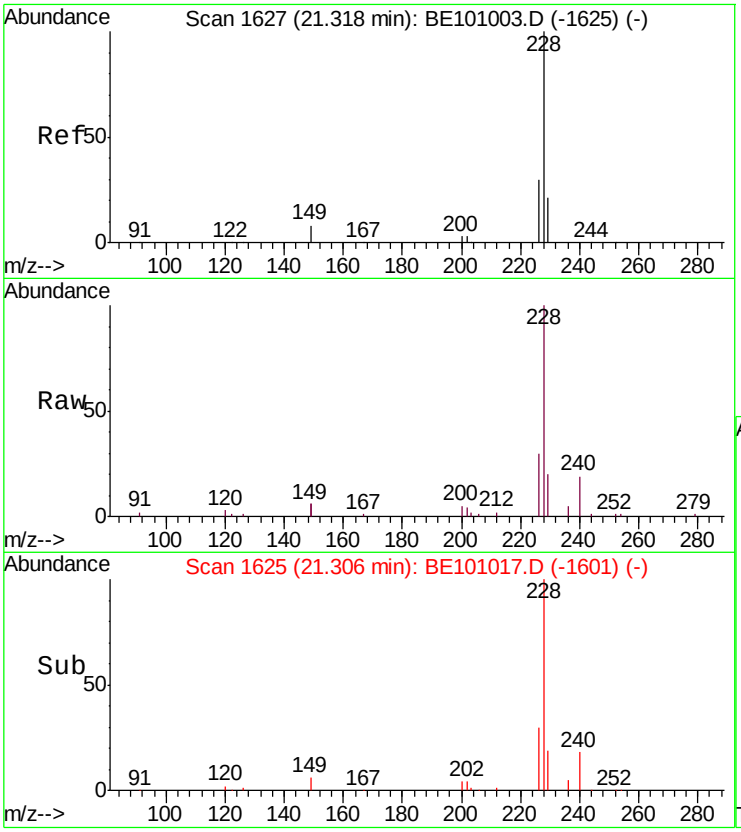


#30
Benzo(a)anthracene
Concen: 0.323 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:228 Resp: 13817

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.7	15.5	23.3



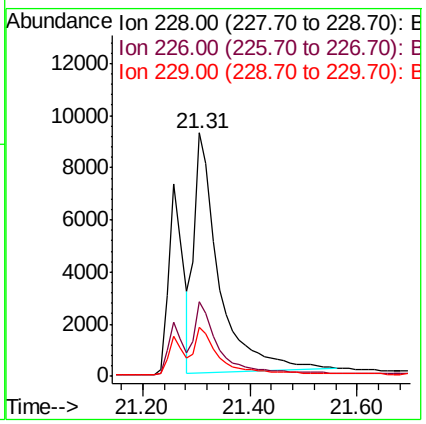


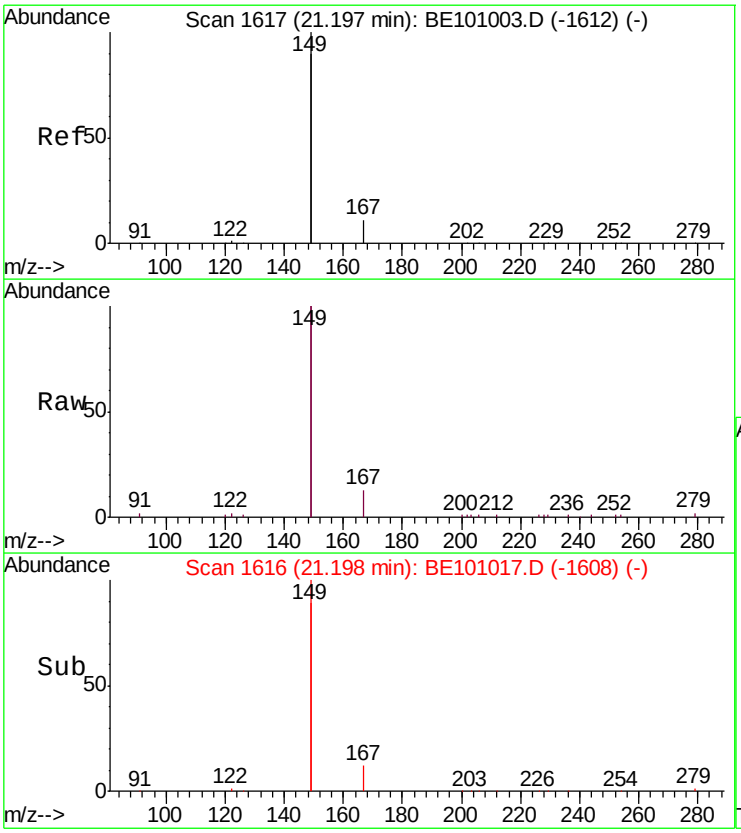
#31
Chrysene
Concen: 0.455 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 28944

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	19.9	16.7	25.1

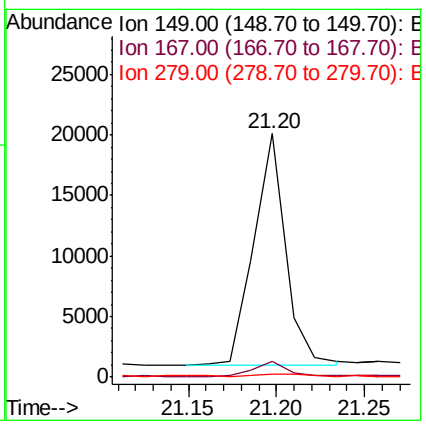


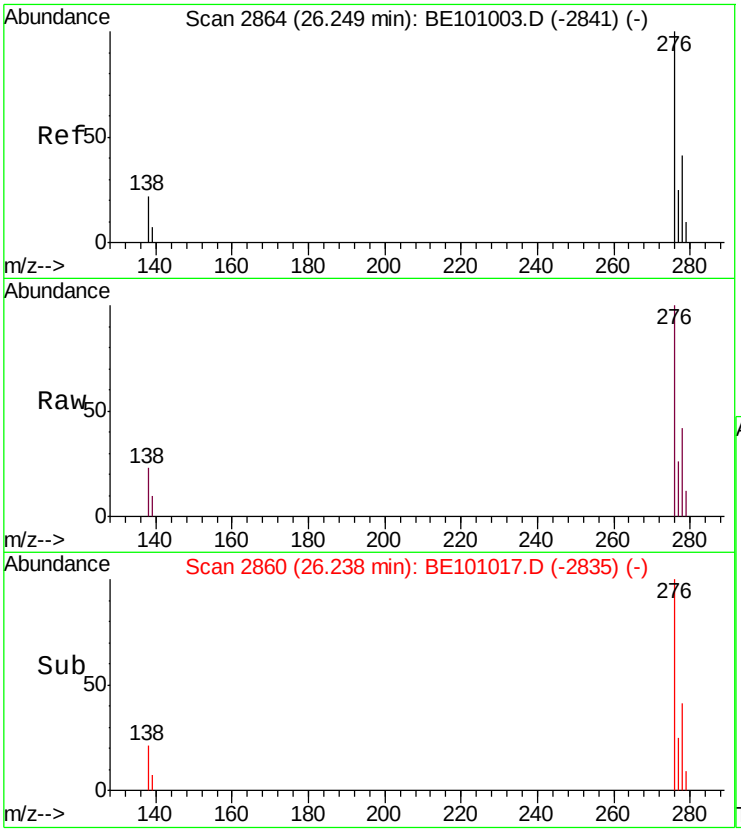


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:149 Resp: 23848

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.1	0.8	1.2



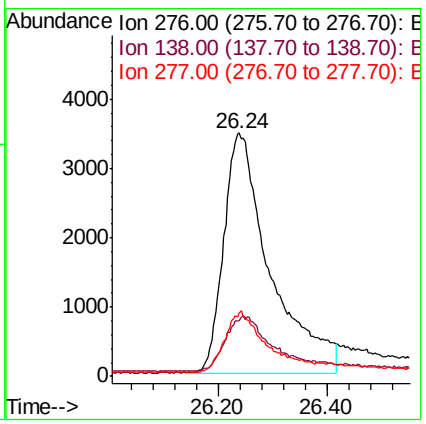


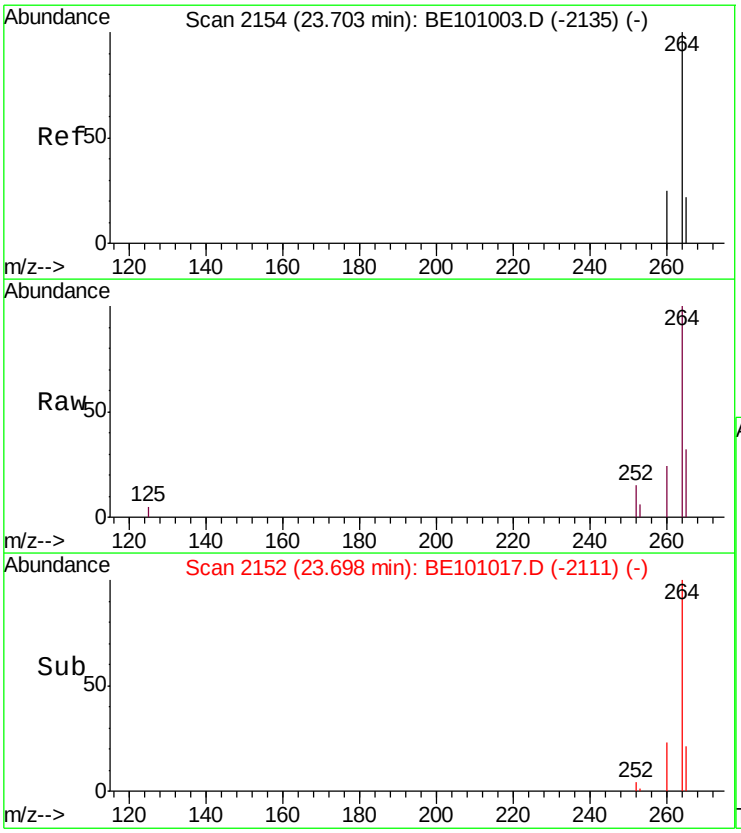
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20560

Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.1	24.1
277	23.2	18.1	27.1

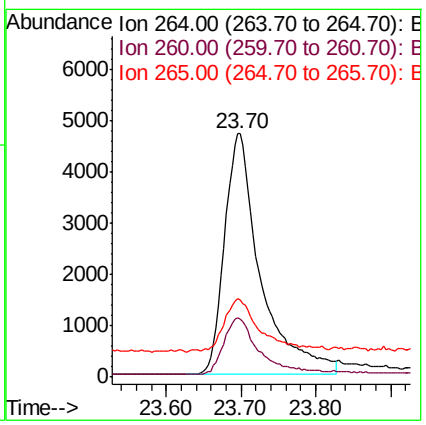


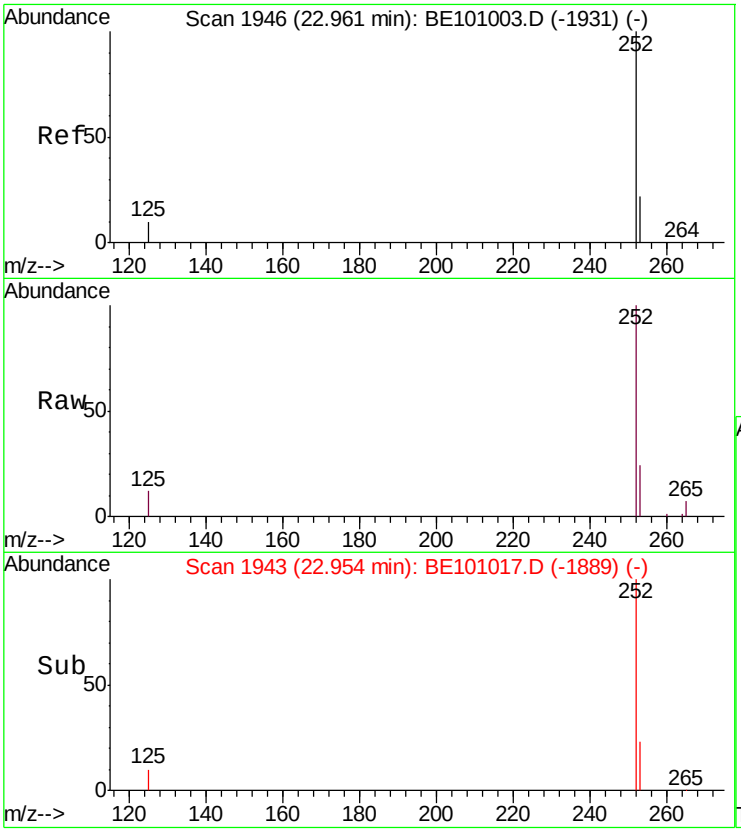


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:264 Resp: 15717

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	31.6	27.0	40.4



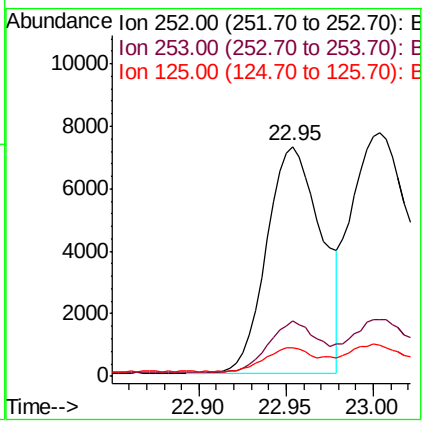


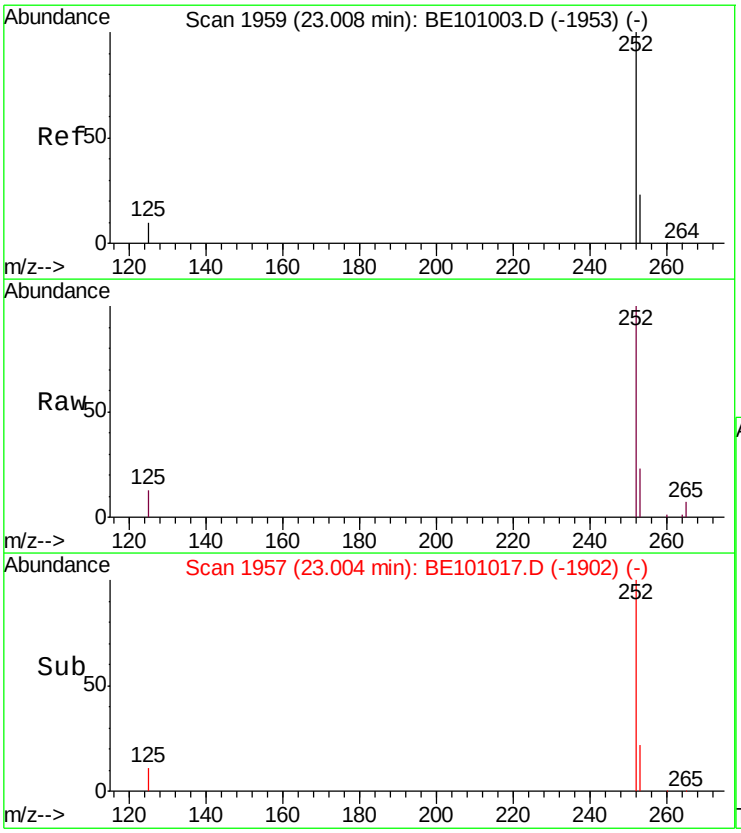
#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15808

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	12.2	9.5	14.3

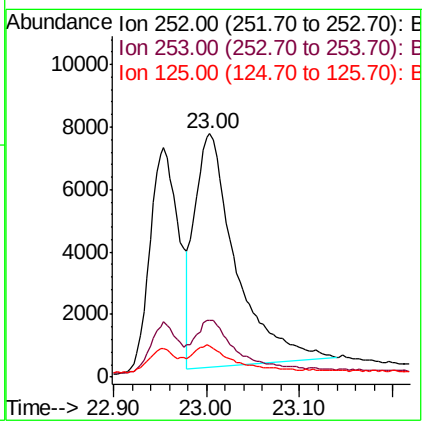


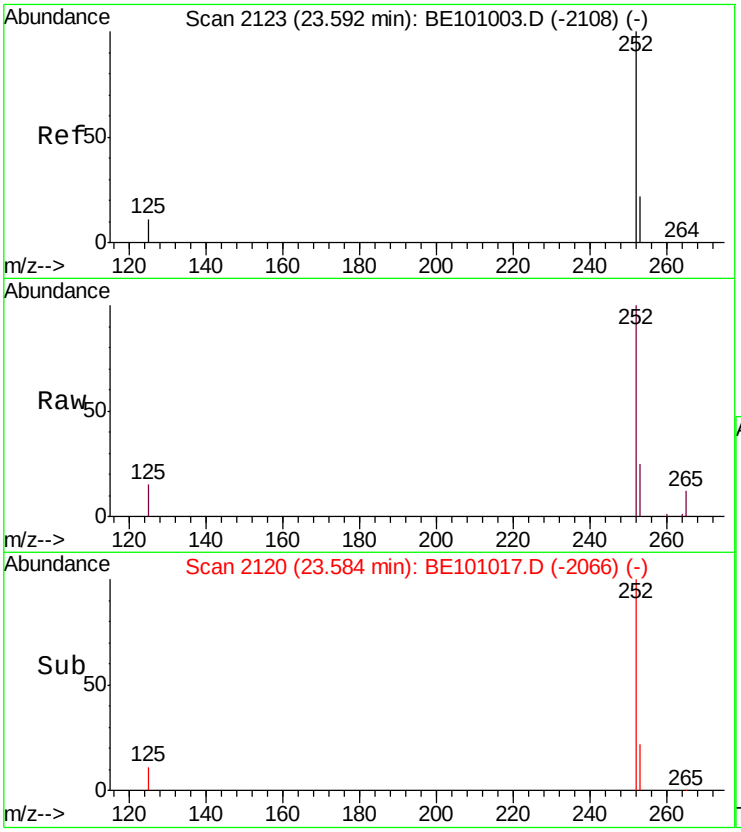


#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:252 Resp: 22946

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	12.9	10.1	15.1



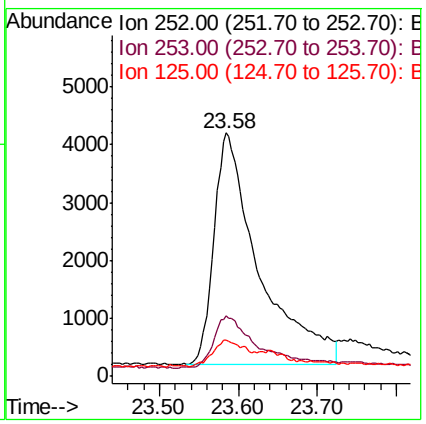


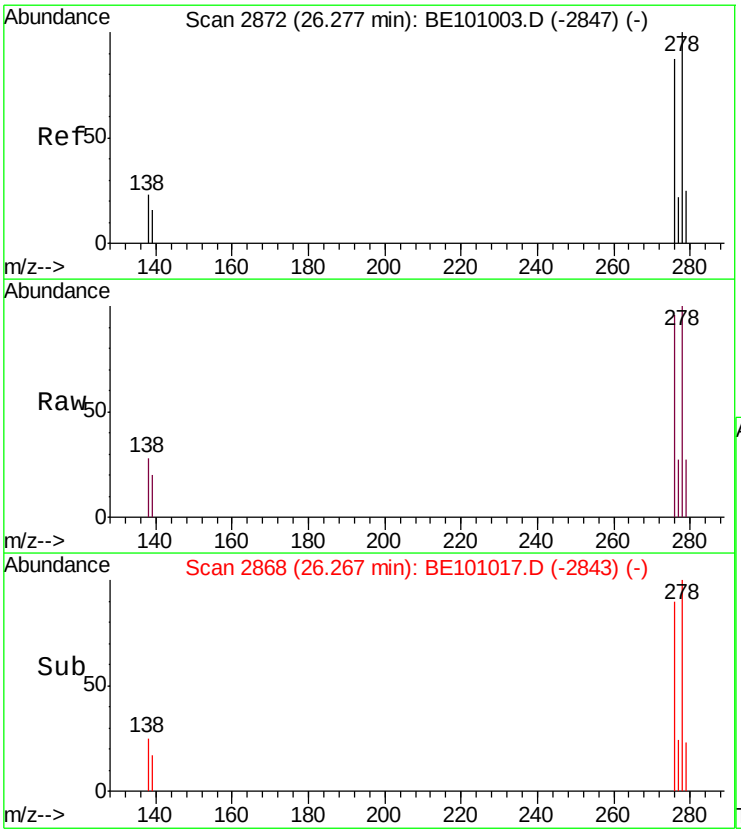
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.58 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15902

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.2
125	14.8	11.8	17.6

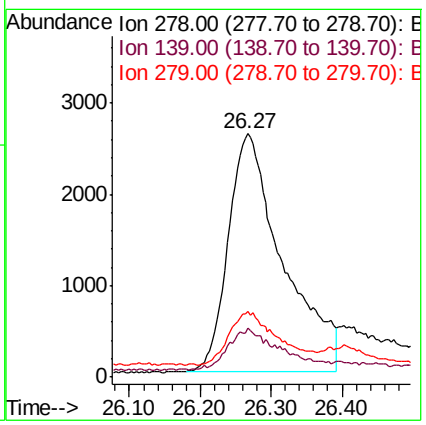


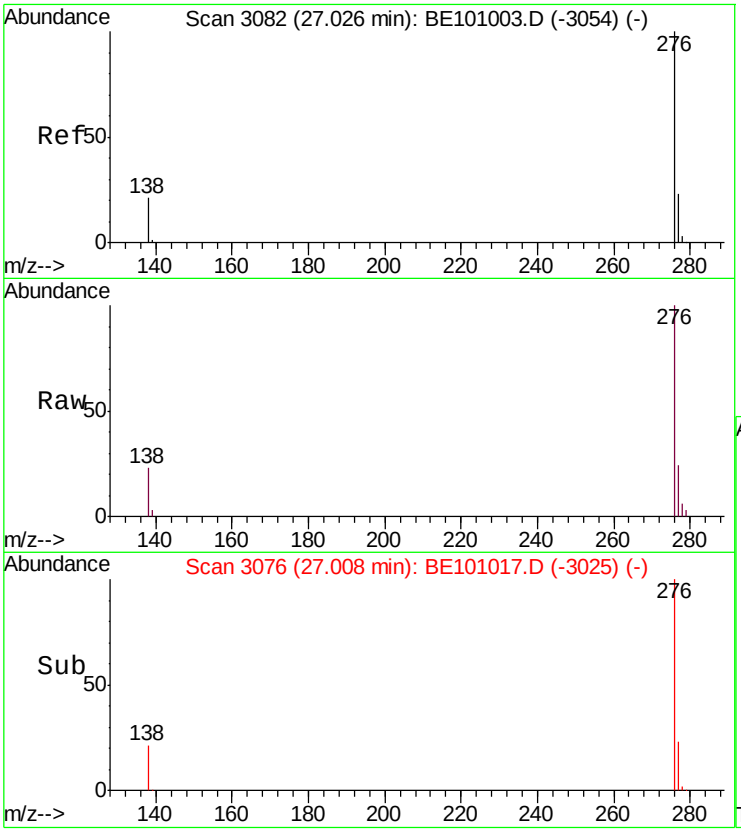


#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.27 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:278 Resp: 13913

Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.0	22.4
279	27.1	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.401 ng
RT: 27.01 min Scan# 3076
Delta R.T. -0.02 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19360

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	22.9	17.9	26.9