Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
Data File : BE101006.D
Acq On : 8 Jan 2020 16:29
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 08 18:20:53 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 18:14:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3892	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	16553	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	9965	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	21230	0.40	ng		0.00
27) Chrysene-d12	21.27	240	20877	0.40	ng		-0.01
34) Perylene-d12	23.70	264	19707	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	25831	3.93	ng		0.00
5) Phenol-d6	6.91	99	41230	4.46	ng		-0.01
8) Nitrobenzene-d5	8.86	82	44260	5.58	ng		-0.01
11) 2-Methylnaphthalene-d10	12.09	152	103758	4.27	ng		-0.02
14) 2,4,6-Tribromophenol	15.84	330	11067	5.06	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	124915	3.53	ng		-0.02
25) Fluoranthene-d10	19.13	212	1042575	4.05	ng		0.00
29) Terphenyl-d14	19.73	244	173143	3.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	21550	1.568	ng		91
3) n-Nitrosodimethylamine	3.59	42	17656	5.497	ng	#	89
6) bis(2-Chloroethyl)ether	7.15	93	43081	3.062	ng		95
9) Naphthalene	10.55	128	618629	3.515	ng		100
10) Hexachlorobutadiene	10.85	225	24577	3.160	ng		98
12) 2-Methylnaphthalene	12.17	142	97500	3.656	ng		99
16) Acenaphthylene	14.08	152	153269	4.115	ng		100
17) Acenaphthene	14.43	154	100904	3.729	ng		96
18) Fluorene	15.39	166	129125	3.829	ng		98
20) 4-Bromophenyl-phenylether	16.29	248	37921	4.068	ng		94
21) Hexachlorobenzene	16.41	284	38795	3.524	ng		99
22) Pentachlorophenol	16.75	266	11600	7.055	ng		86
23) Phenanthrene	17.13	178	201934	3.690	ng		99
24) Anthracene	17.23	178	201405	3.640	ng		100
26) Fluoranthene	19.16	202	262186	3.513	ng		100
28) Pyrene	19.52	202	256880	3.517	ng		100
30) Benzo(a)anthracene	21.26	228	213991	4.188	ng		98
31) Chrysene	21.31	228	284811	2.994	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	371832	3.308	ng		99
33) Indeno(1,2,3-cd)pyrene	26.24	276	240461	3.357	ng	#	93
35) Benzo(b)fluoranthene	22.95	252	207249	4.995	ng		97
36) Benzo(k)fluoranthene	23.00	252	269126	3.422	ng		96
37) Benzo(a)pyrene	23.59	252	197220	4.072	ng	#	94
38) Dibenzo(a,h)anthracene	26.27	278	193464	4.408	ng		92
39) Benzo(g,h,i)perylene	27.02	276	217600	4.209	ng		99

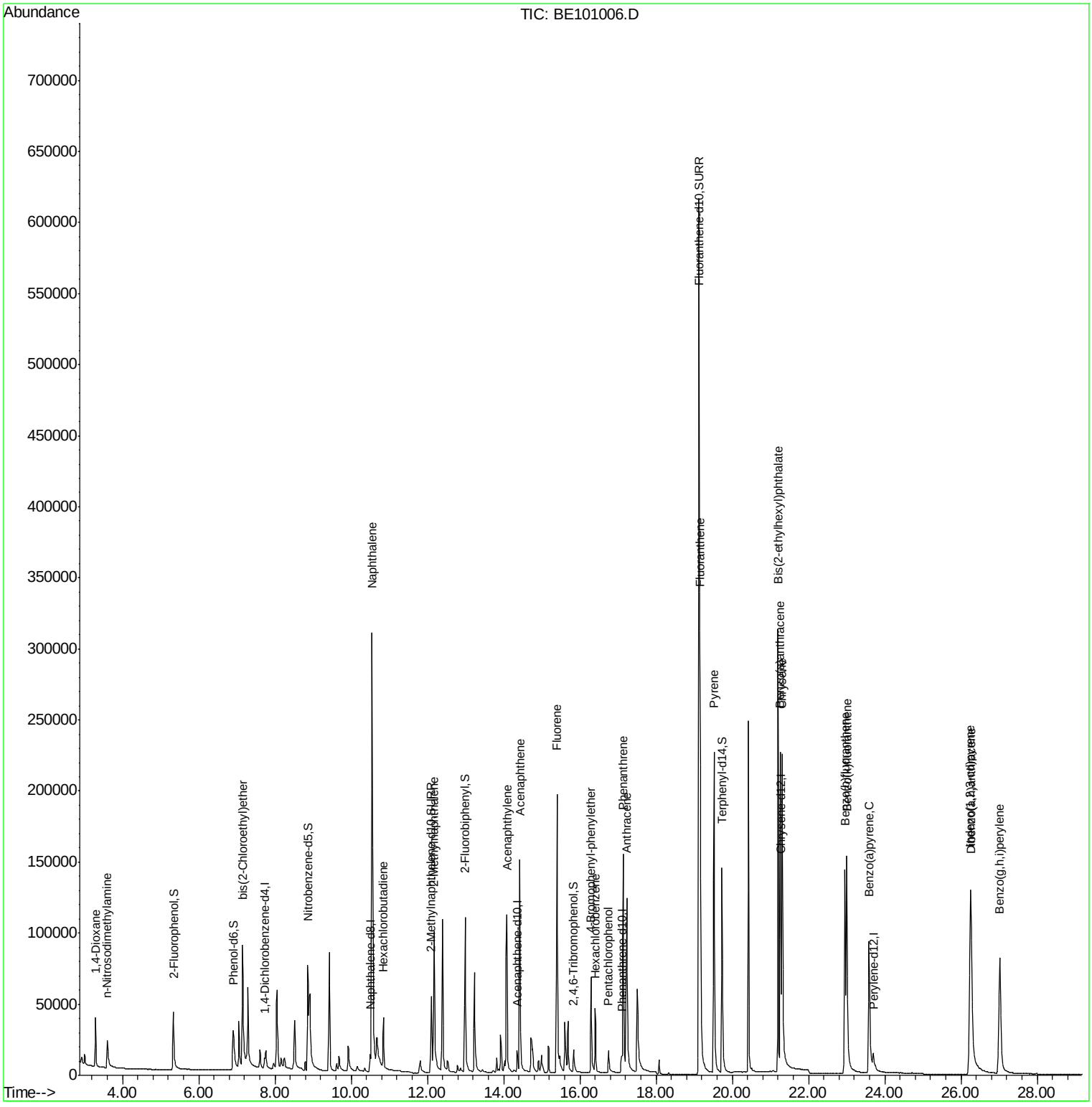
(#) = qualifier out of range (m) = manual integration (+) = signals summed

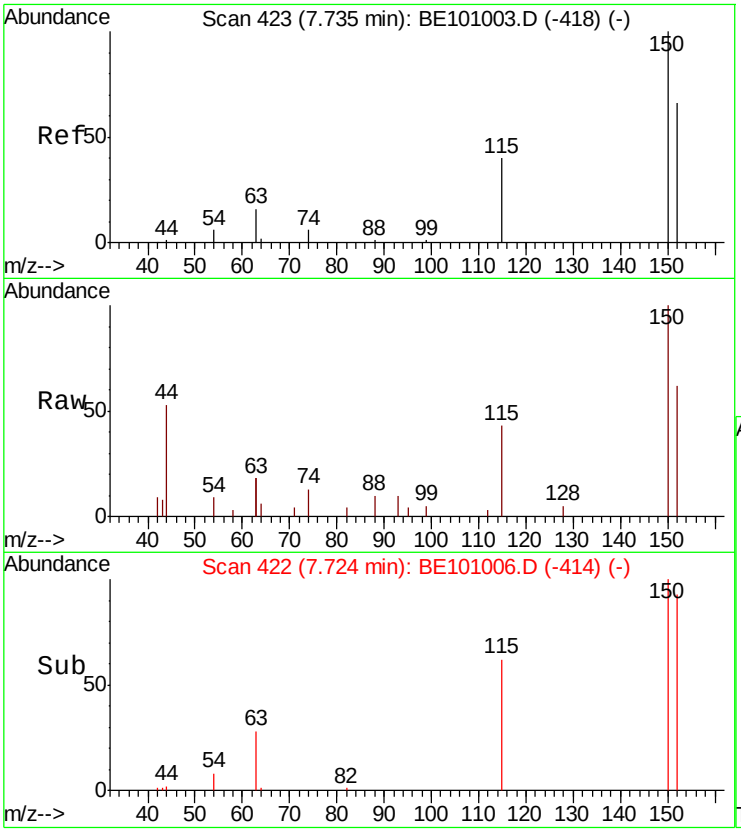
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
Data File : BE101006.D
Acq On : 8 Jan 2020 16:29
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 08 18:20:53 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 18:14:32 2020
Response via : Initial Calibration



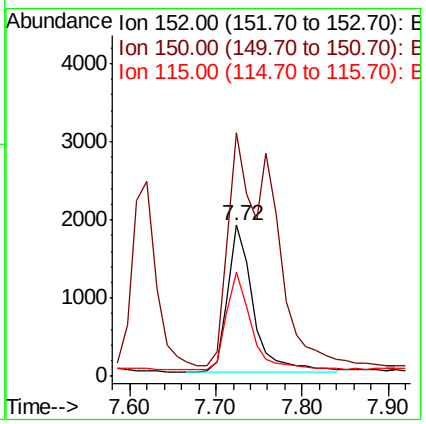


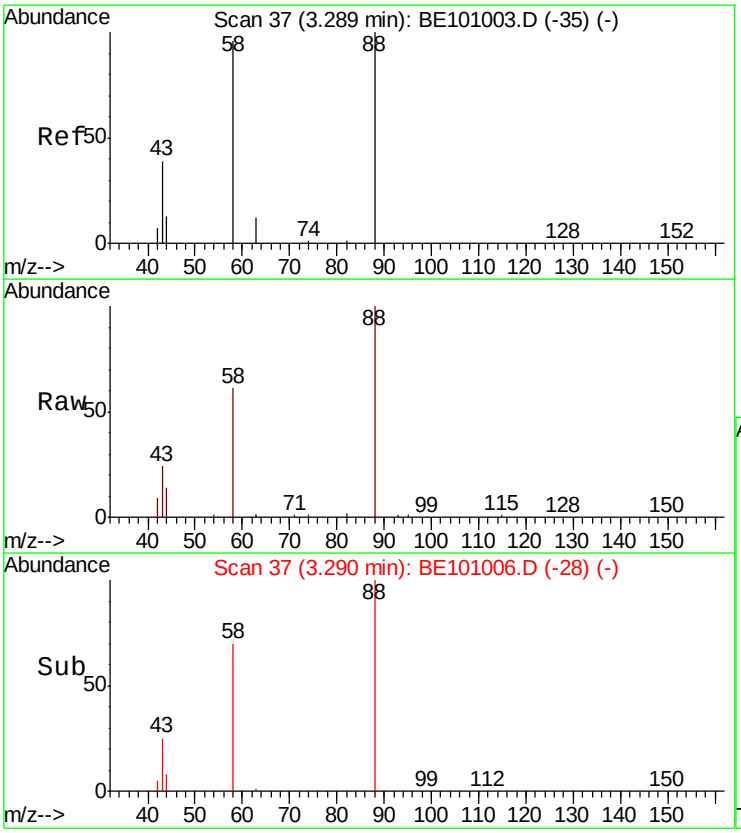
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3892

Ion	Ratio	Lower	Upper
152	100		
150	161.3	120.3	180.5
115	68.7	51.7	77.5

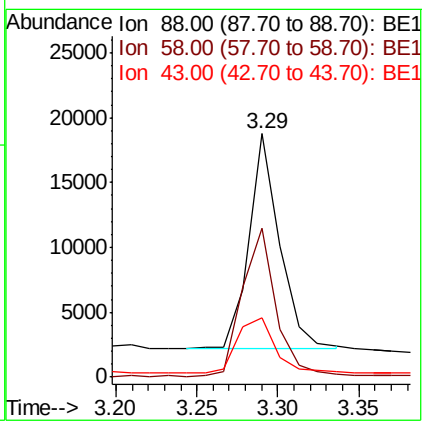


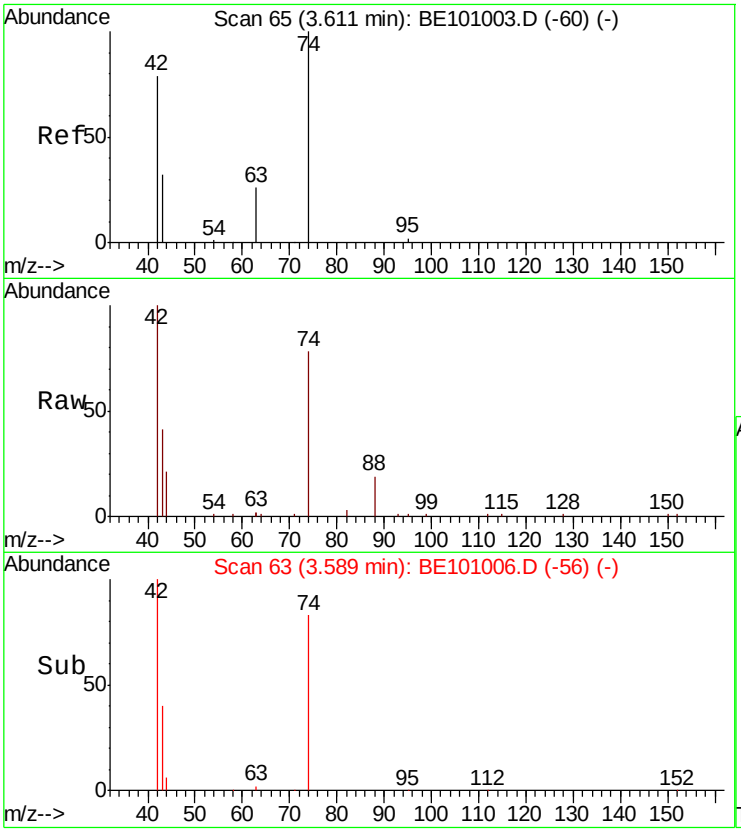


#2
1,4-Dioxane
Concen: 1.568 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion: 88 Resp: 21550

Ion	Ratio	Lower	Upper
88	100		
58	75.4	53.0	79.4
43	31.5	23.4	35.2



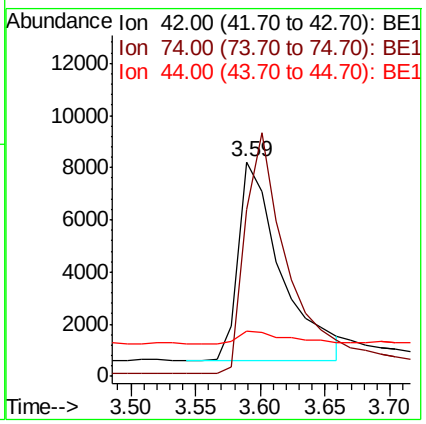


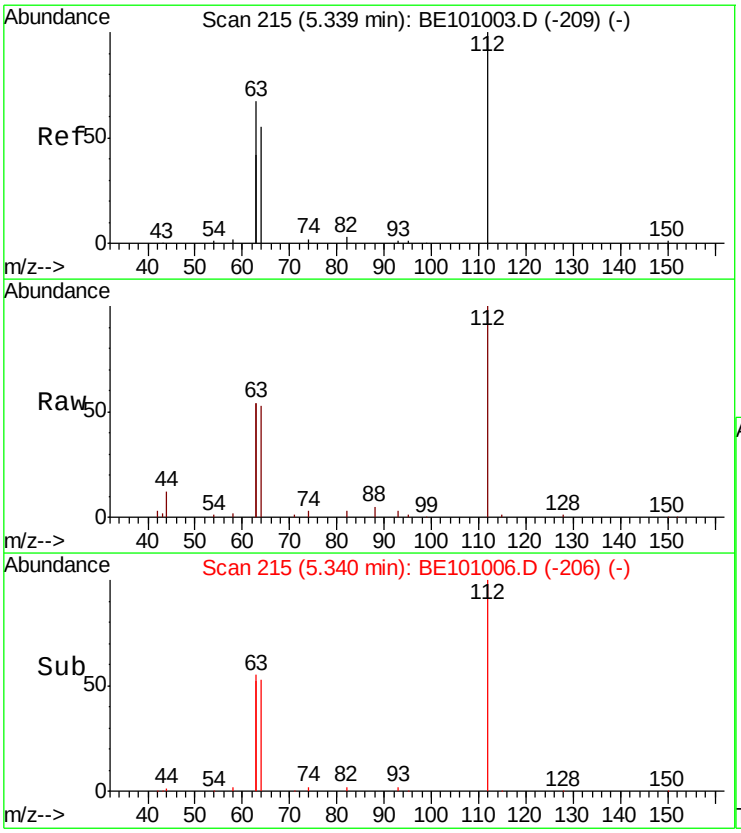
#3
n-Nitrosodimethylamine
Concen: 5.497 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 17656

Ion	Ratio	Lower	Upper
42	100		
74	119.5	105.7	158.5
44	8.1	10.0	15.0#

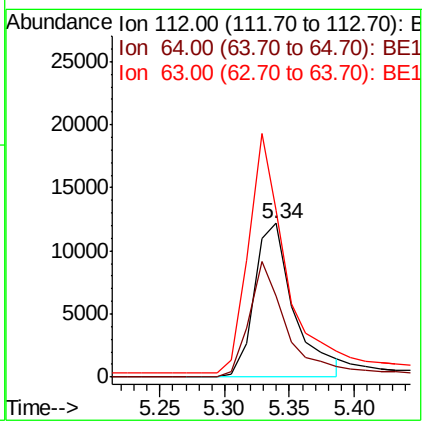


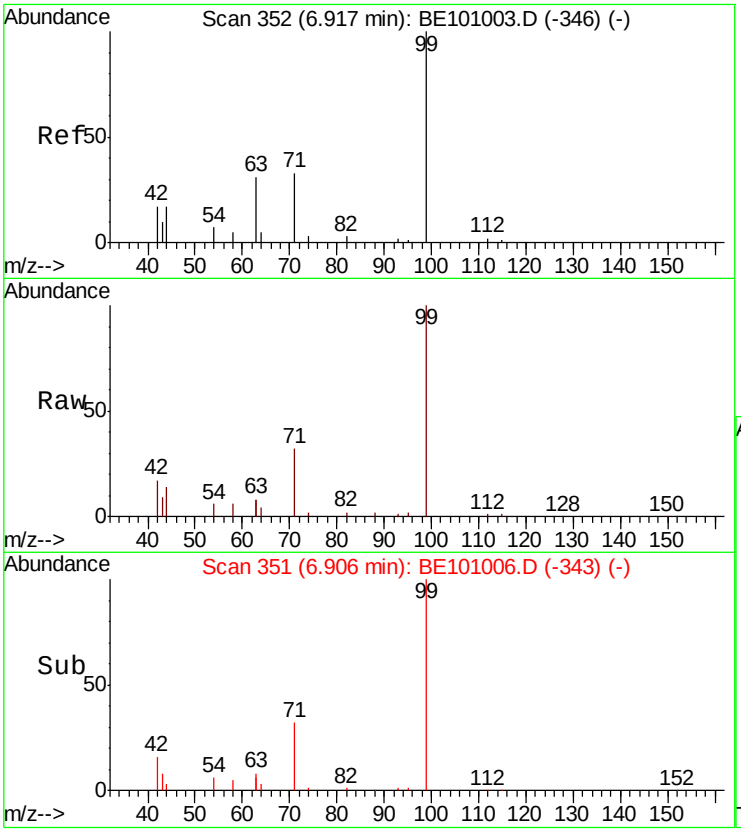


#4
2-Fluorophenol
Concen: 3.925 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:112 Resp: 25831

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.6	80.4
63	146.8	114.6	172.0



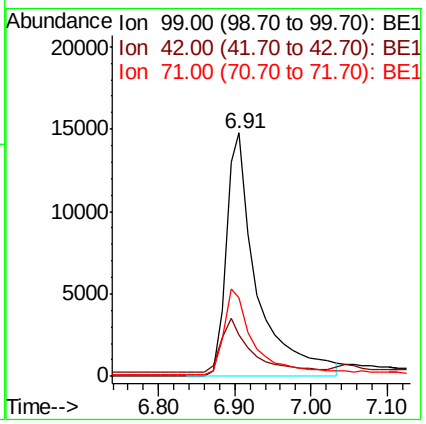


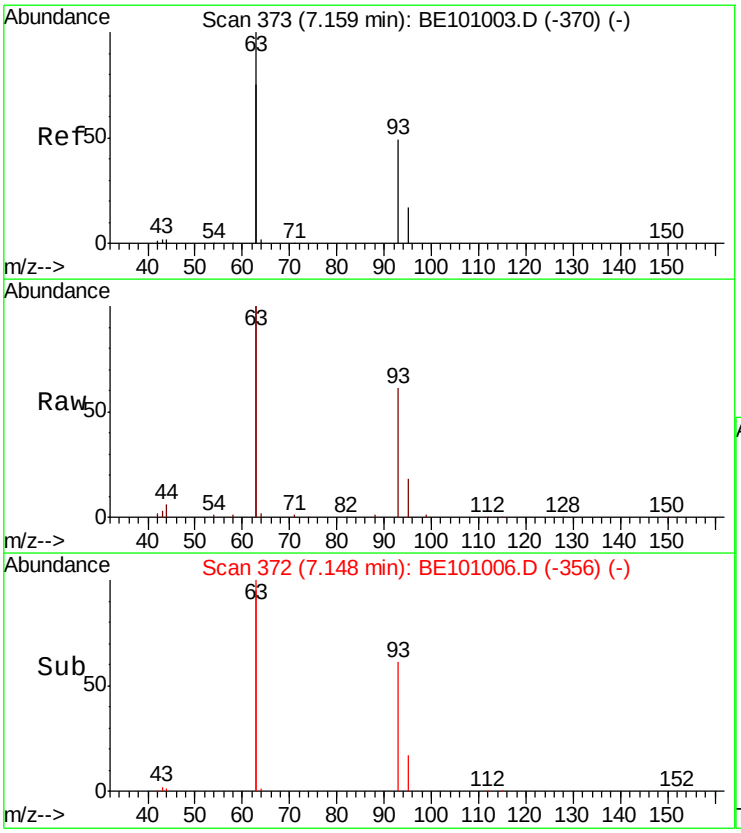
#5
Phenol-d6
Concen: 4.463 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 41230

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.3	27.5
71	35.7	28.0	42.0

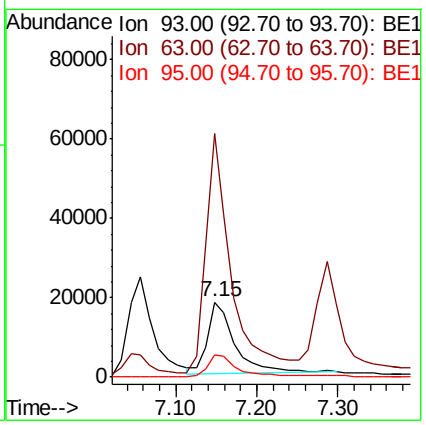


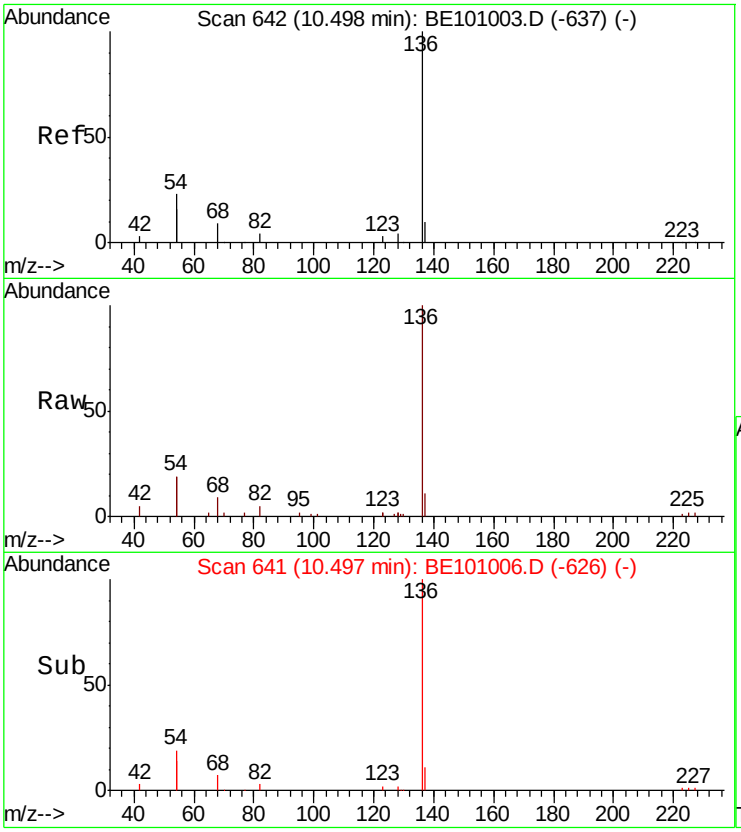


#6
bis(2-Chloroethyl)ether
Concen: 3.062 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion: 93 Resp: 43081

Ion	Ratio	Lower	Upper
93	100		
63	302.7	233.9	350.9
95	33.0	23.5	35.3



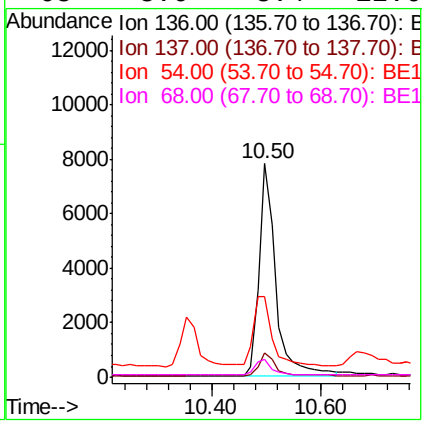


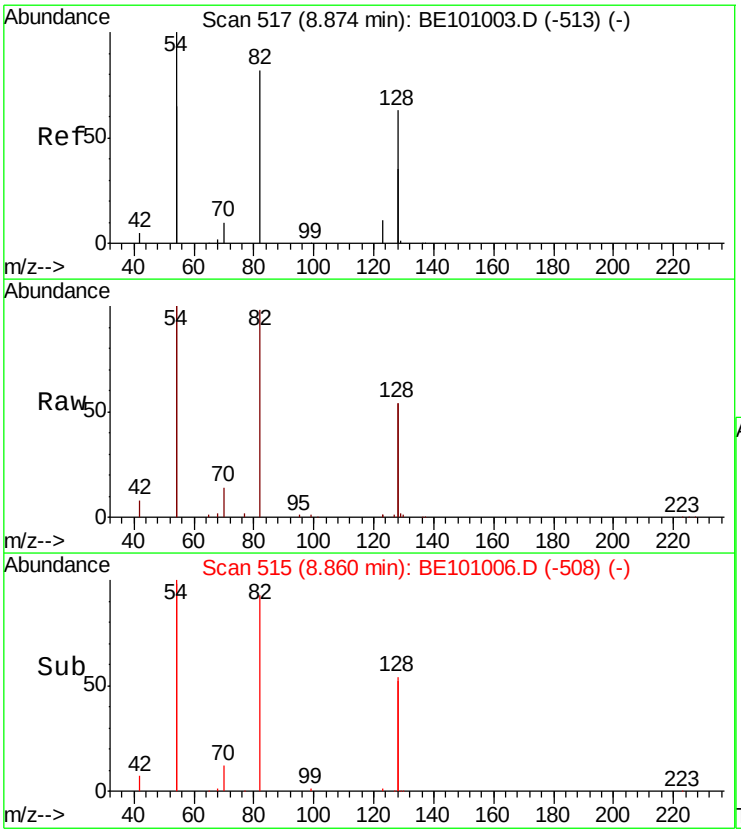
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16553

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	37.8	36.8	55.2
68	8.6	8.4	12.6

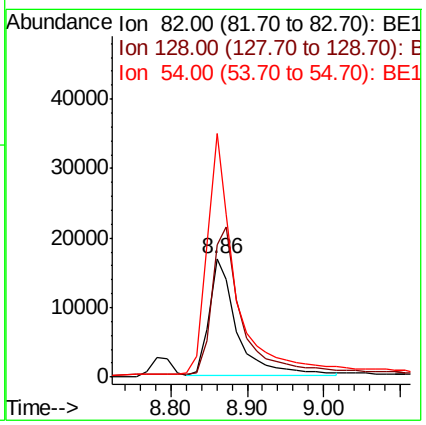


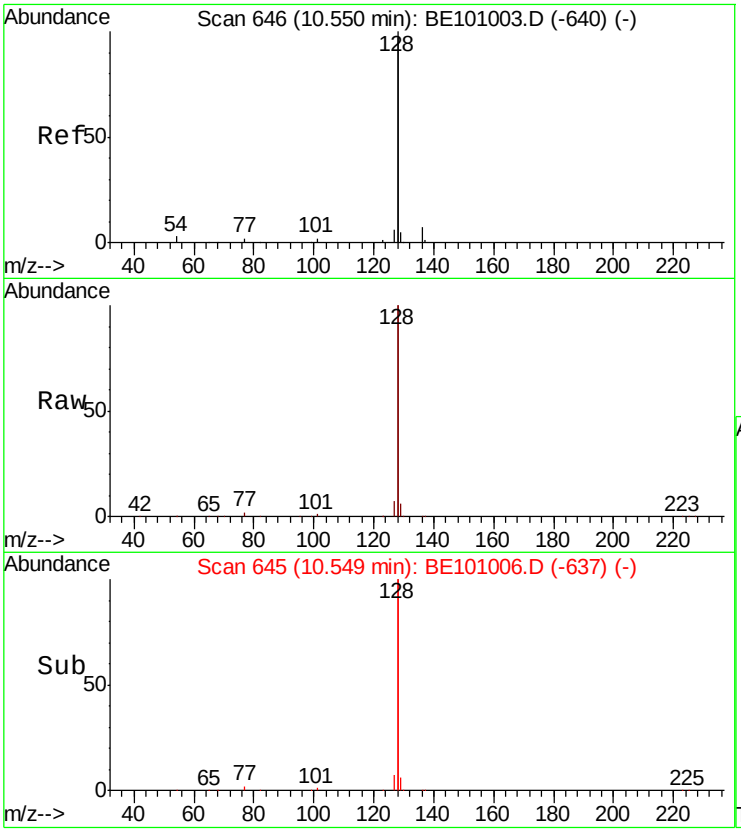


#8
Nitrobenzene-d5
Concen: 5.581 ng
RT: 8.86 min Scan# 515
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion: 82 Resp: 44260

Ion	Ratio	Lower	Upper
82	100		
128	111.1	109.8	164.6
54	205.0	174.5	261.7



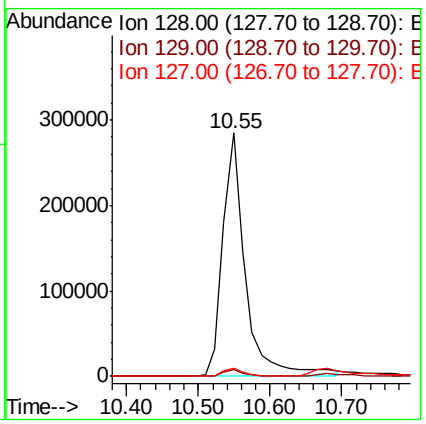


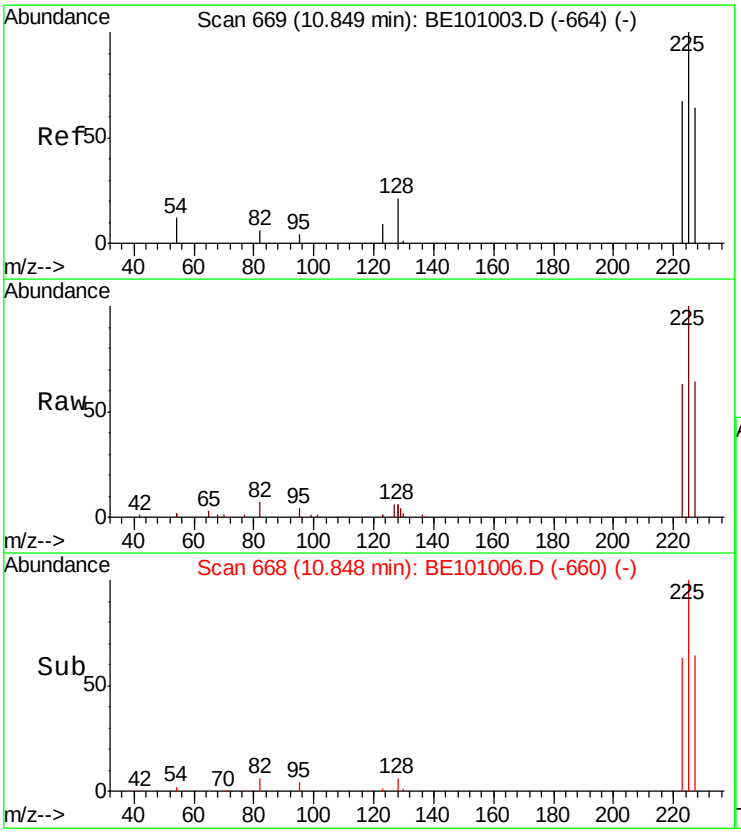
#9
Naphthalene
Concen: 3.515 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 618629

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.3	2.7	4.1

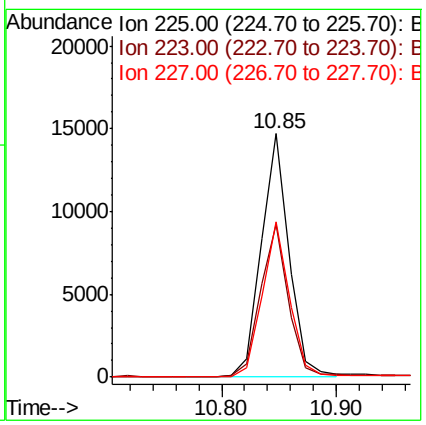


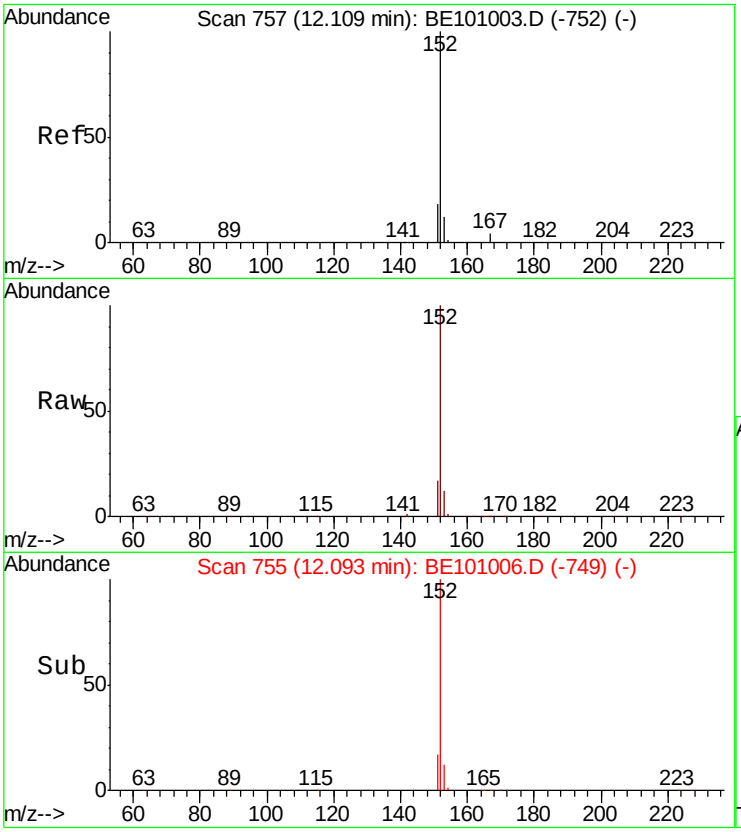


#10
Hexachlorobutadiene
Concen: 3.160 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:225 Resp: 24577

Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.2	78.4
227	62.7	49.9	74.9



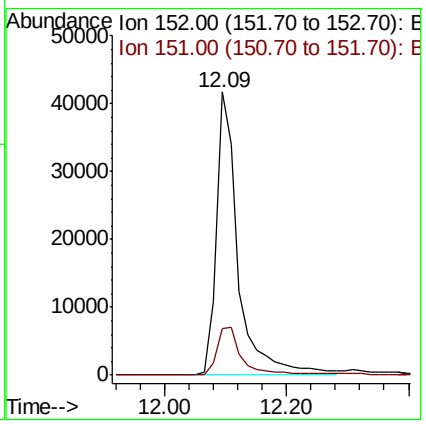


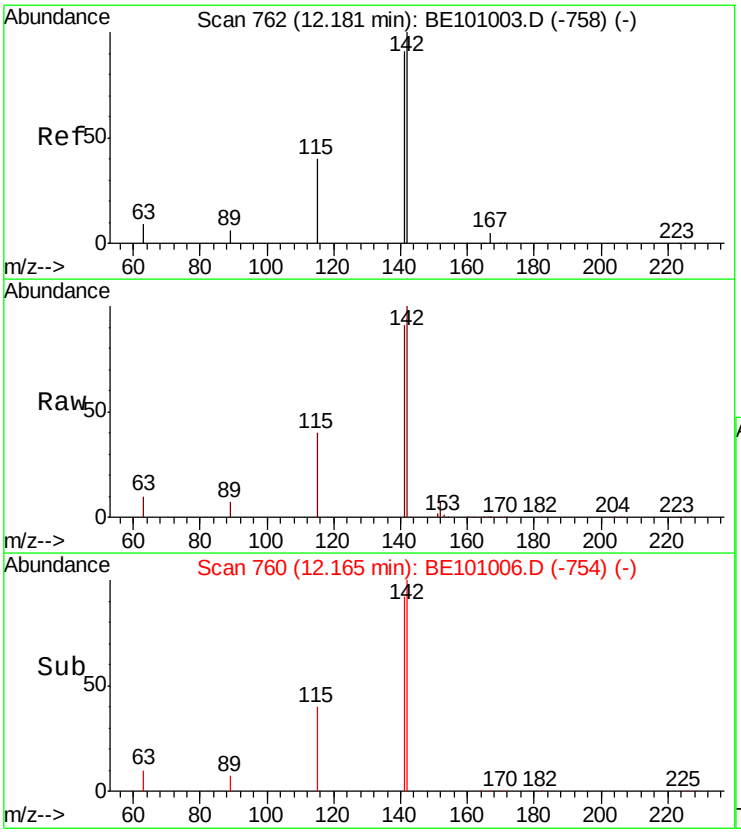
#11
2-Methylnaphthalene-d10
Concen: 4.267 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 103758

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6

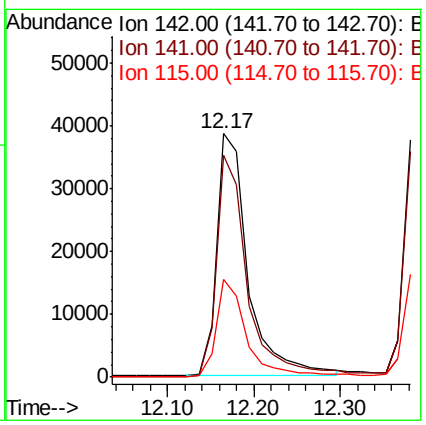


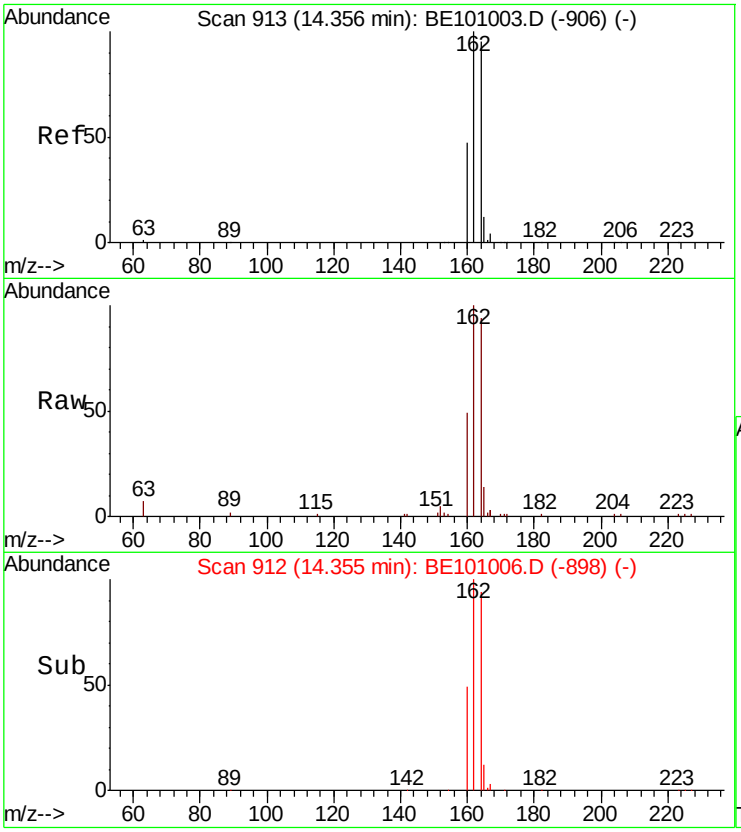


#12
2-Methylnaphthalene
Concen: 3.656 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:142 Resp: 97500

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7
115	40.4	33.0	49.6



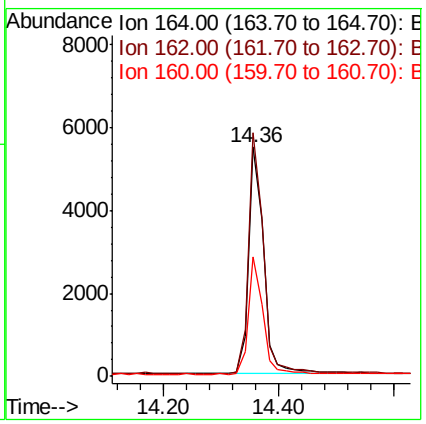


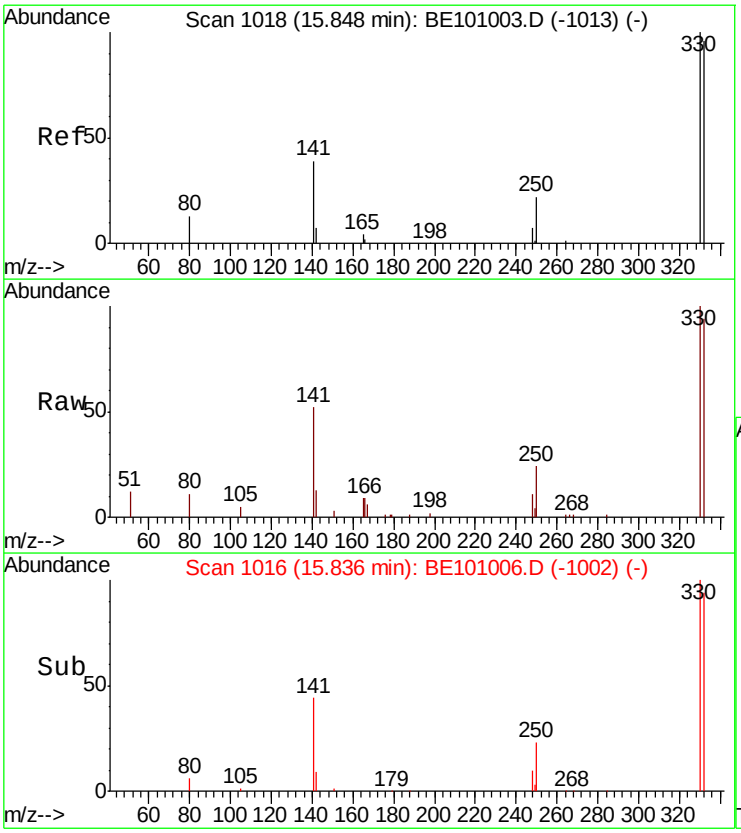
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9965

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.1	126.1
160	52.3	40.4	60.6

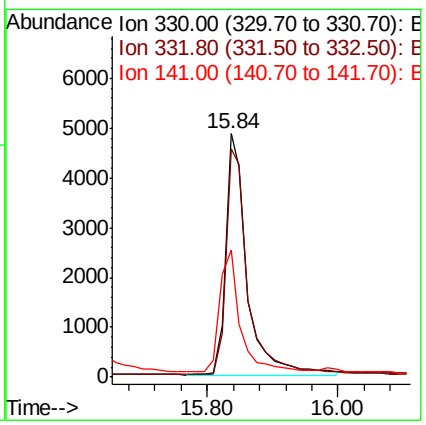


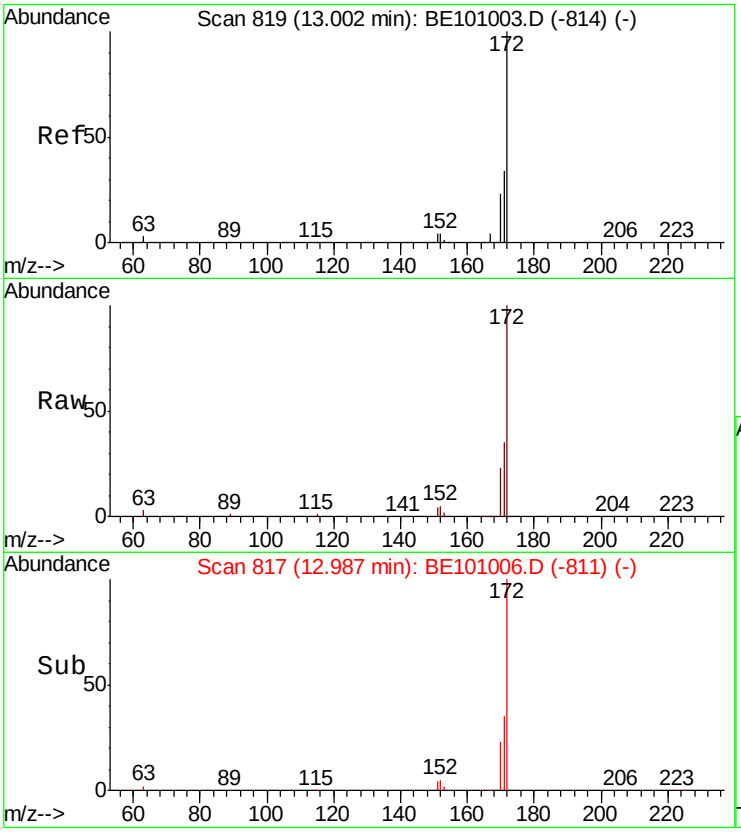


#14
2,4,6-Tribromophenol
Concen: 5.057 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:330 Resp: 11067

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	48.8	37.0	55.4



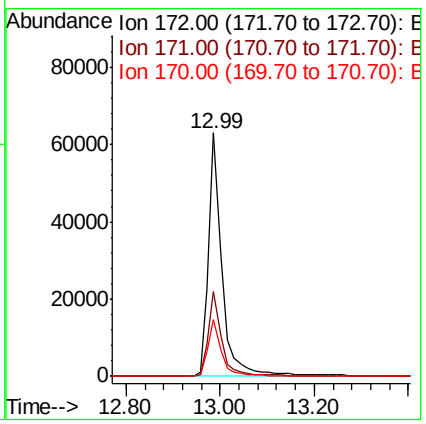


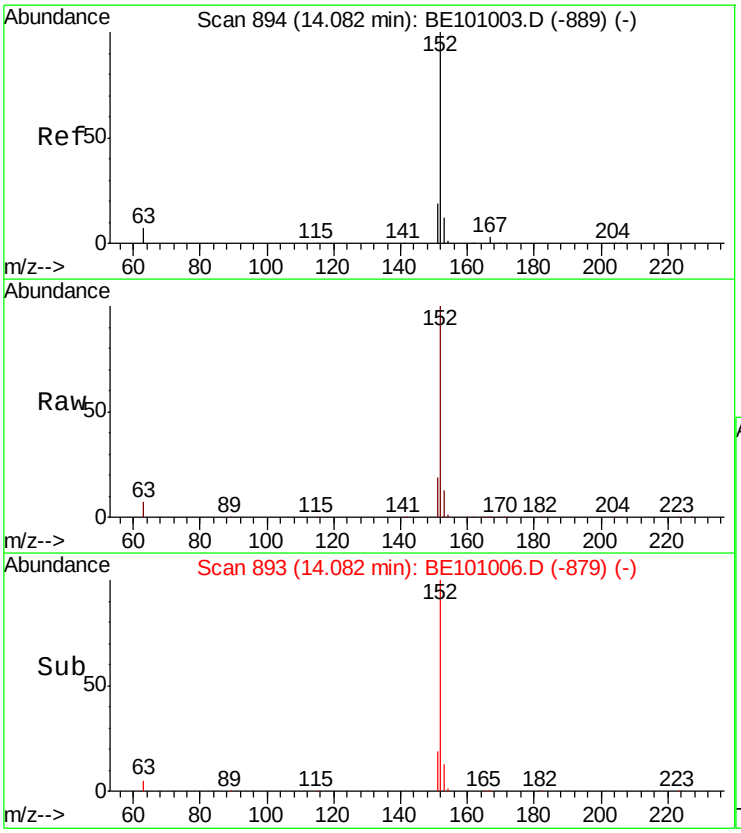
#15
2-Fluorobiphenyl
Concen: 3.527 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 124915

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.1	18.9	28.3

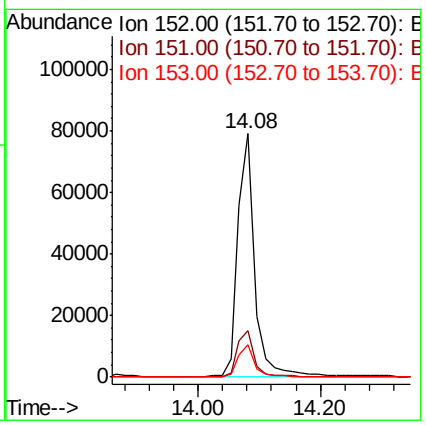


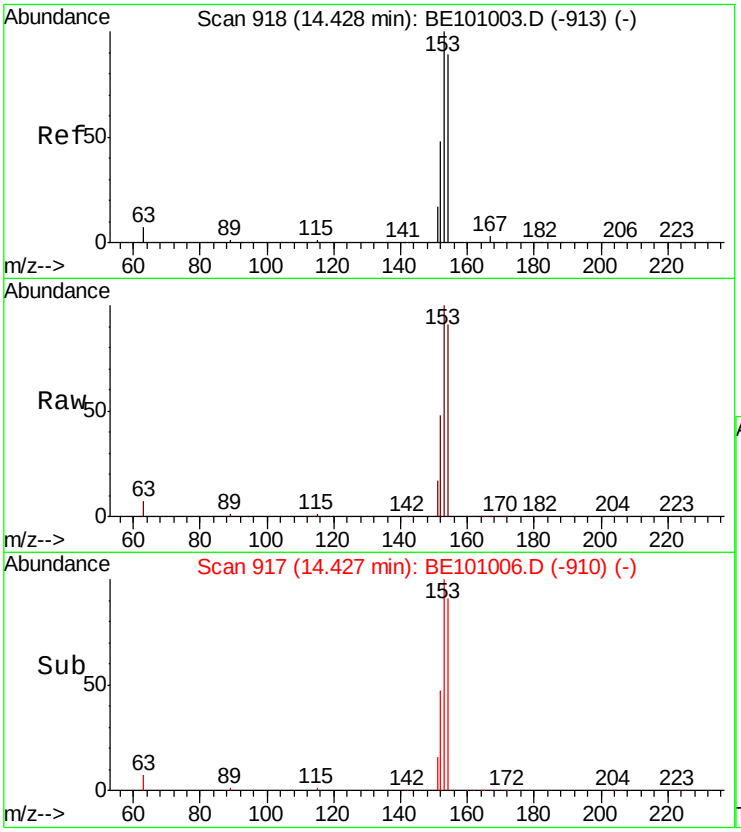


#16
Acenaphthylene
Concen: 4.115 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:152 Resp: 153269

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.4	15.6



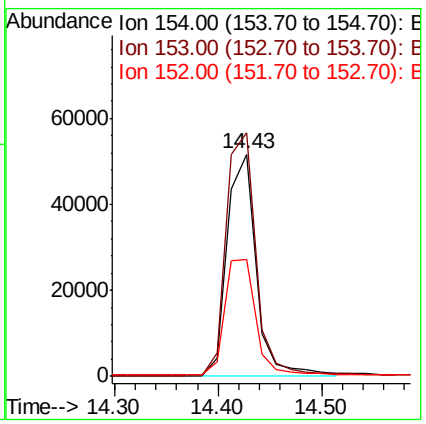


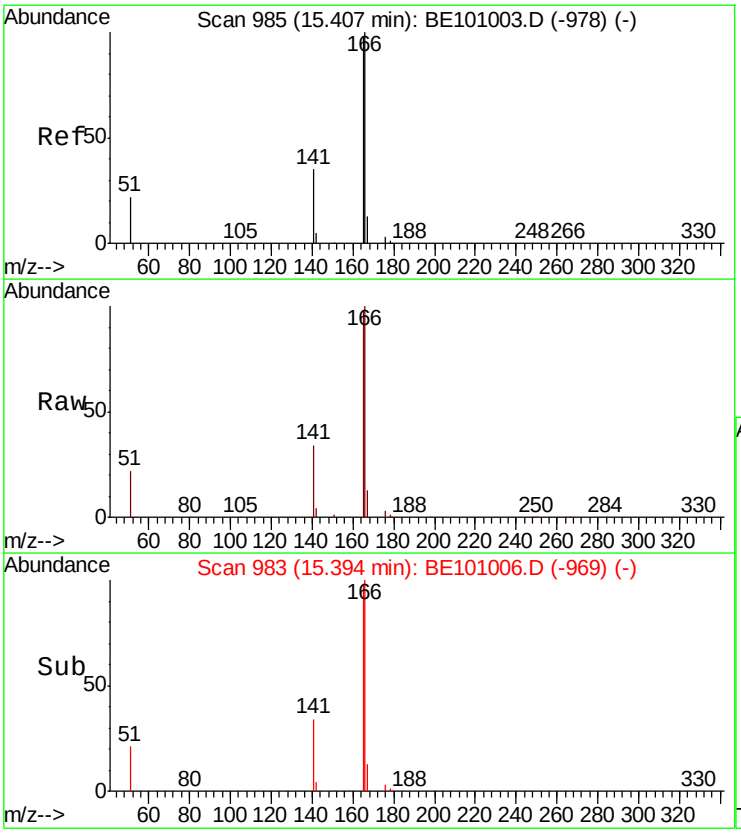
#17
Acenaphthene
Concen: 3.729 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 100904

Ion	Ratio	Lower	Upper
154	100		
153	112.0	93.6	140.4
152	55.5	46.3	69.5

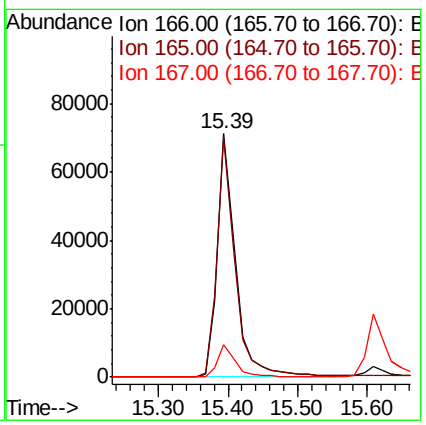


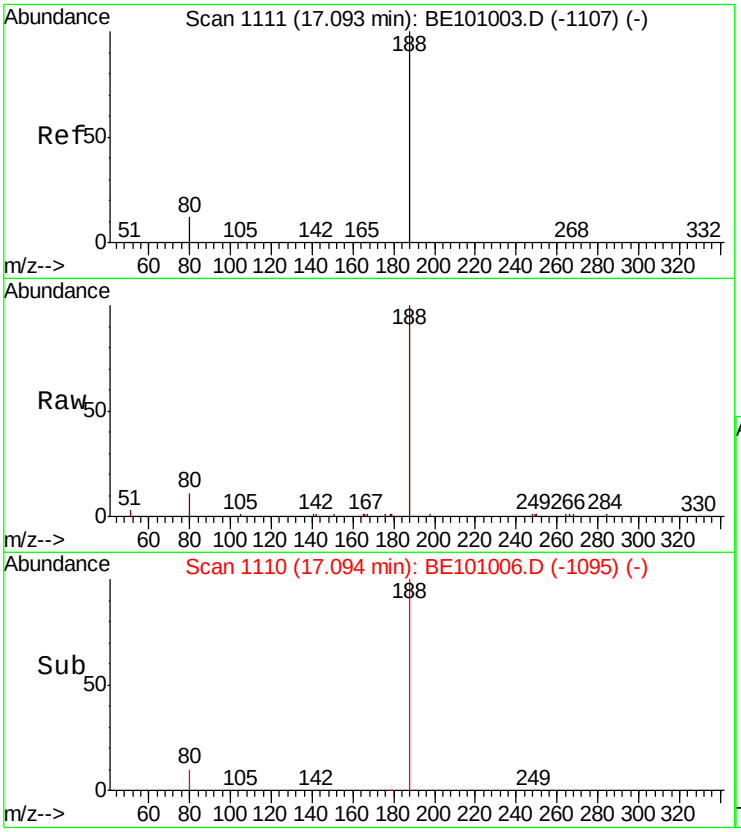


#18
Fluorene
Concen: 3.829 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:166 Resp: 129125

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	13.3	11.0	16.6



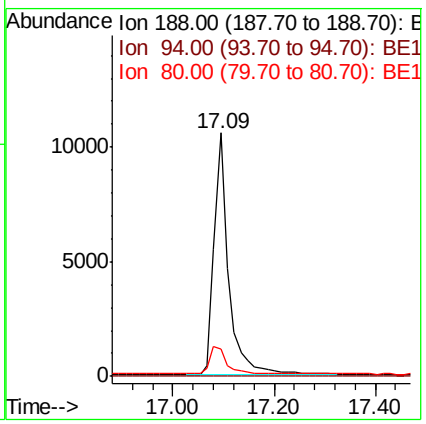


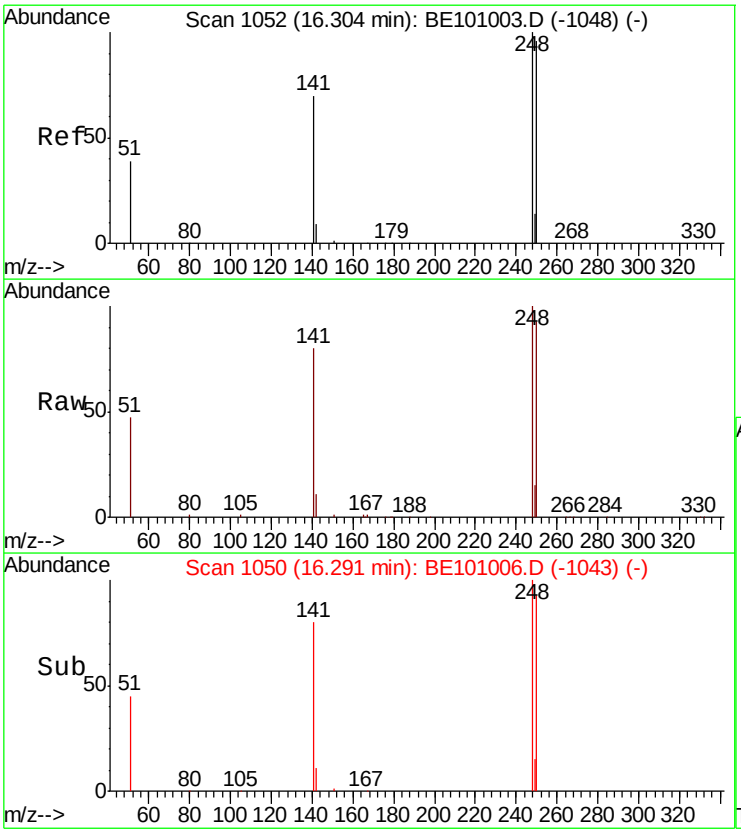
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 21230

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	10.8	16.2

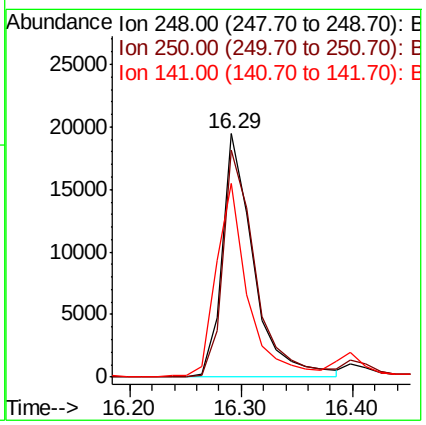


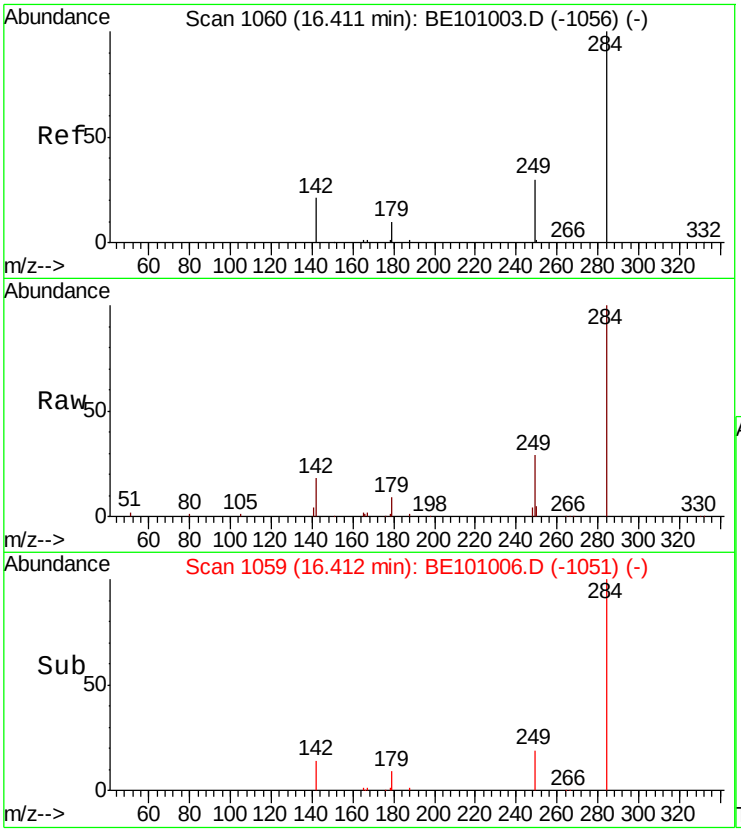


#20
4-Bromophenyl-phenylether
Concen: 4.068 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:248 Resp: 37921

Ion	Ratio	Lower	Upper
248	100		
250	93.1	76.6	115.0
141	79.8	57.7	86.5



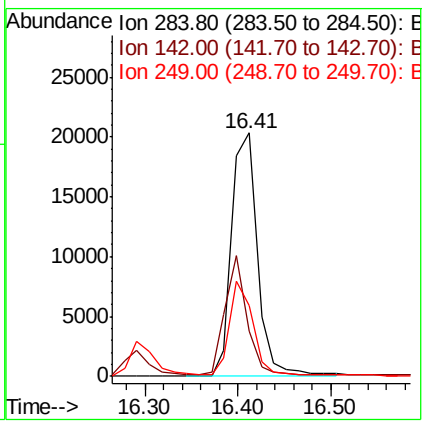


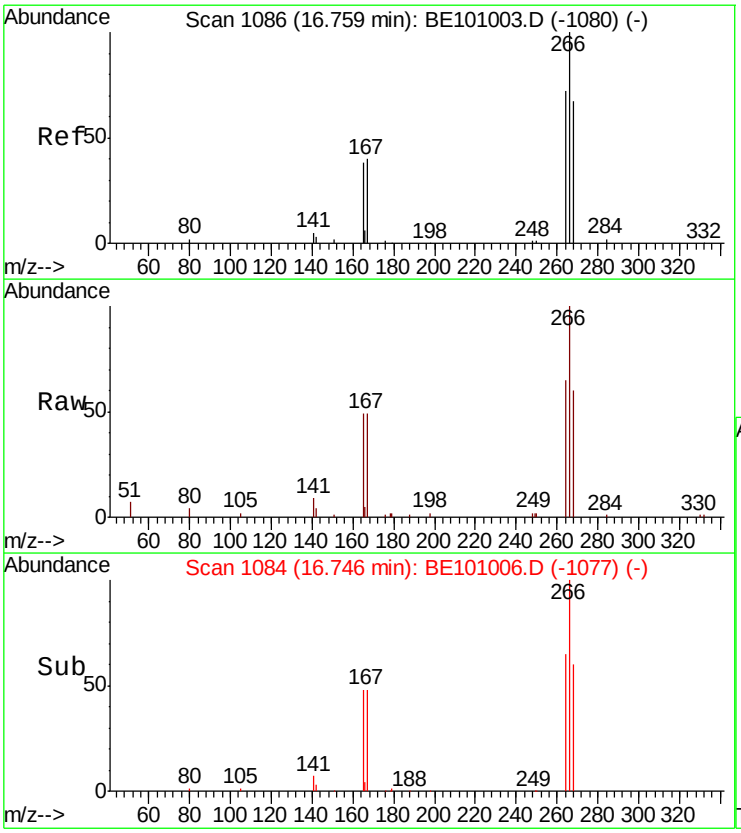
#21
Hexachlorobenzene
Concen: 3.524 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 38795

Ion	Ratio	Lower	Upper
284	100		
142	41.3	34.0	51.0
249	34.9	28.2	42.4

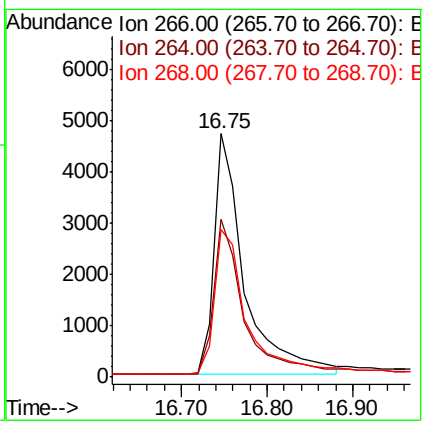


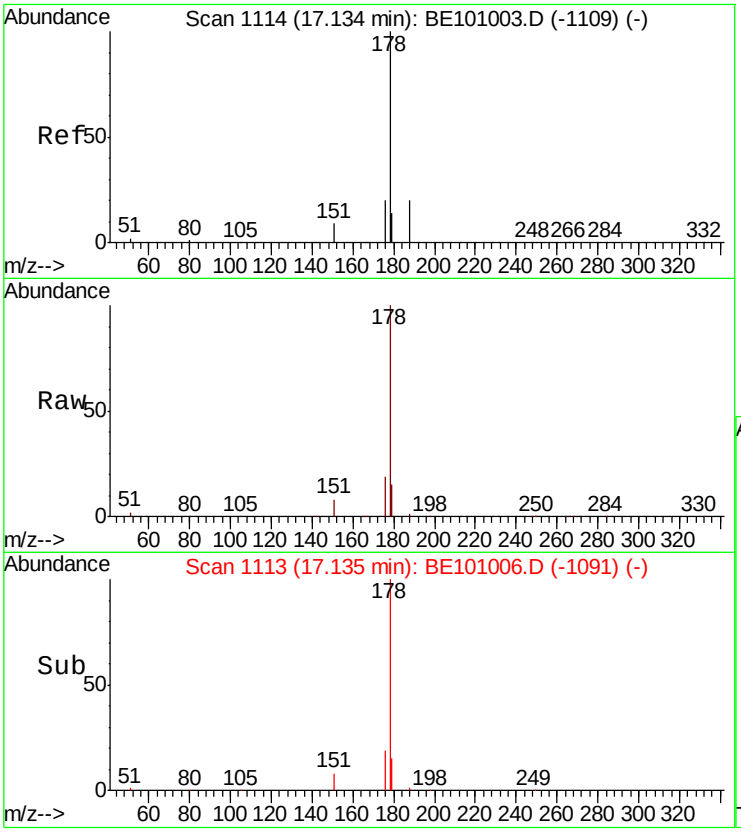


#22
Pentachlorophenol
Concen: 7.055 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:266 Resp: 11600

Ion	Ratio	Lower	Upper
266	100		
264	65.0	61.0	91.4
268	60.4	58.5	87.7



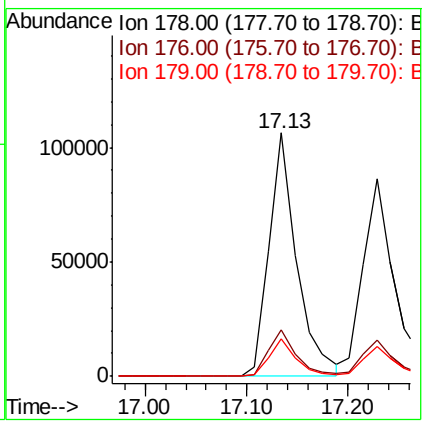


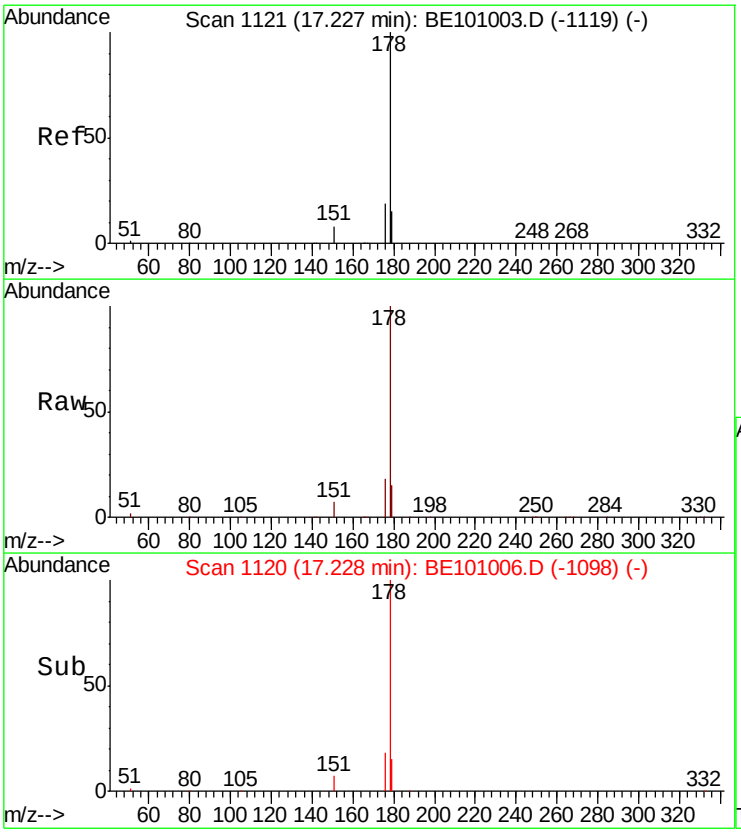
#23
Phenanthrene
Concen: 3.690 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 201934

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.3	12.0	18.0

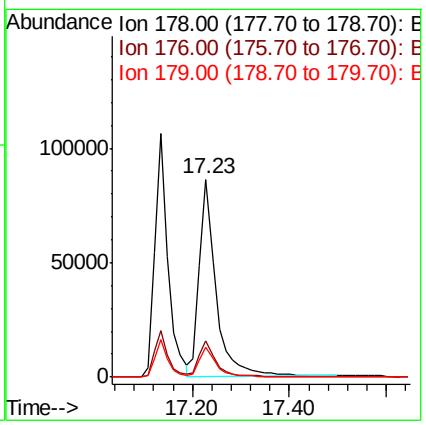


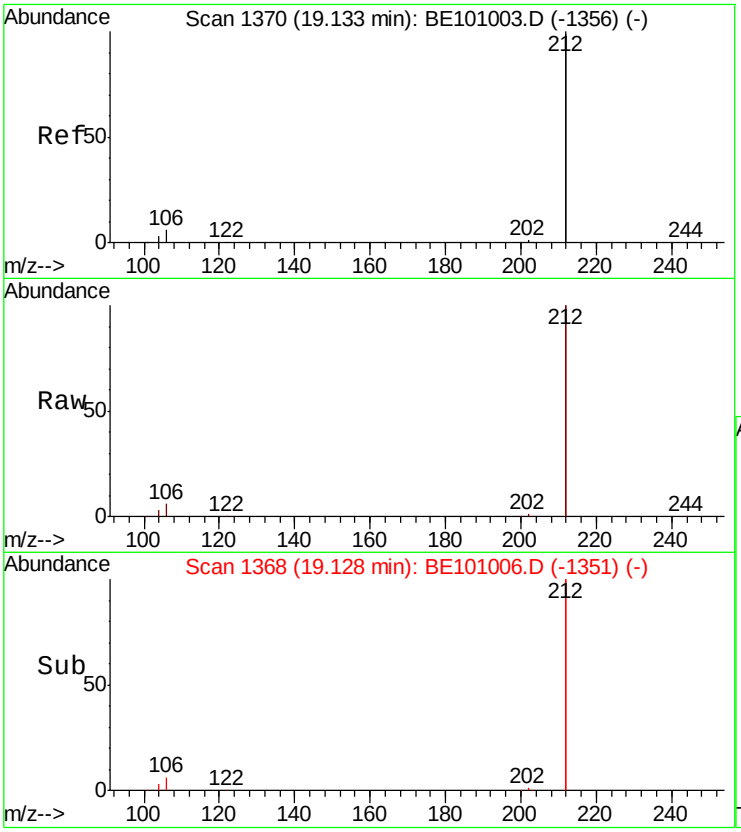


#24
Anthracene
Concen: 3.640 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:178 Resp: 201405

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.4	18.6



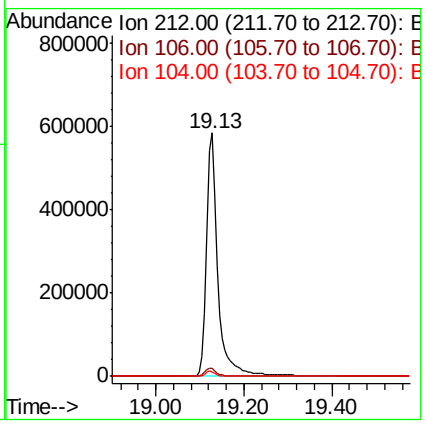


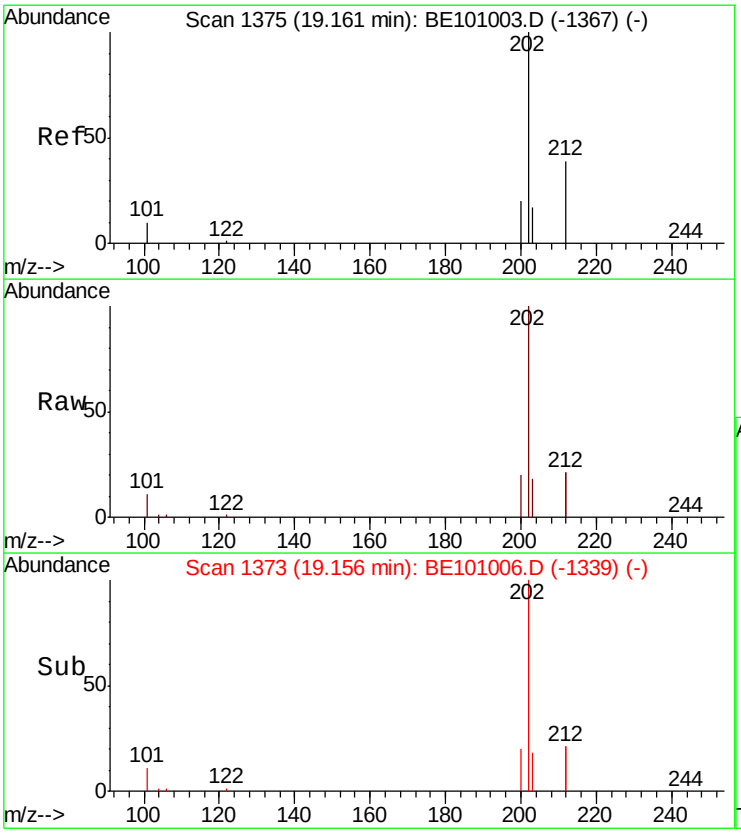
#25
Fluoranthene-d10
Concen: 4.047 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1042575

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.0

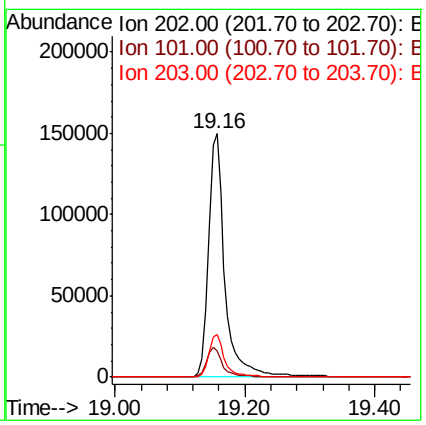


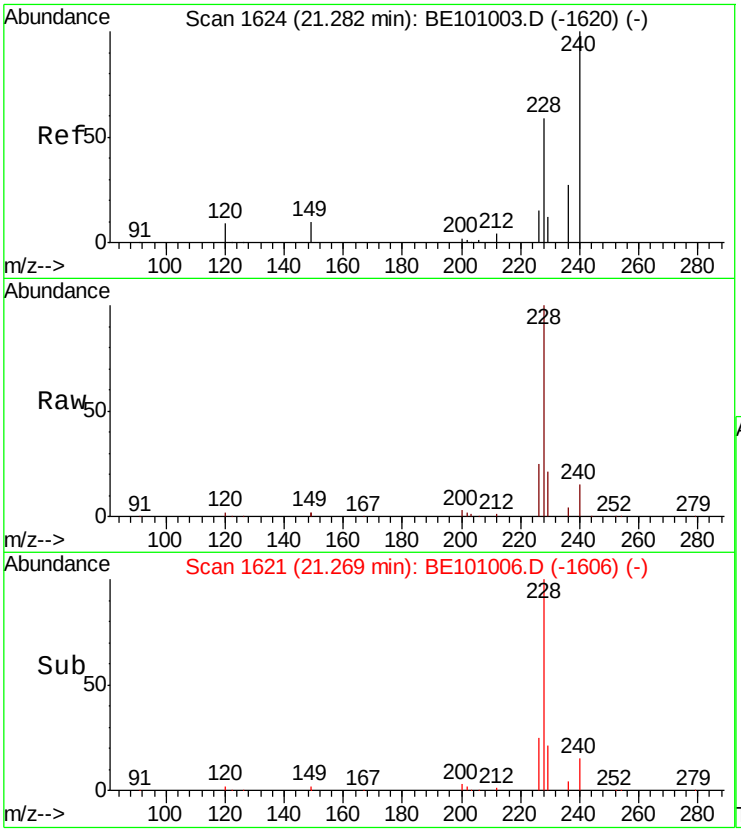


#26
Fluoranthene
Concen: 3.513 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:202 Resp: 262186

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.1	13.8	20.6



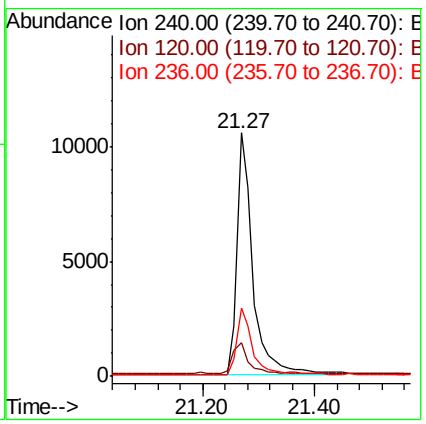


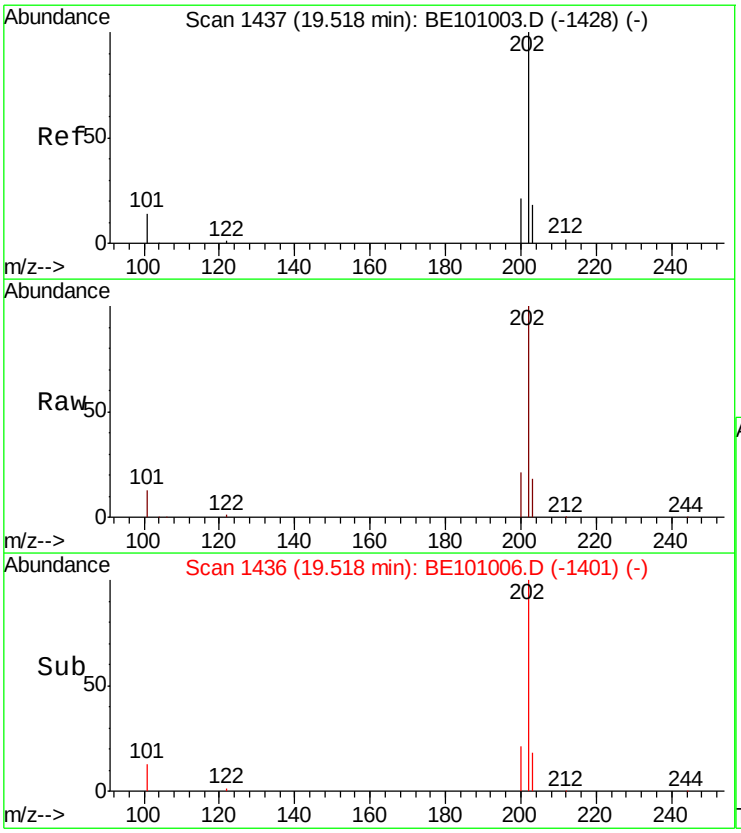
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 20877

Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.6	13.0#
236	28.1	22.2	33.4

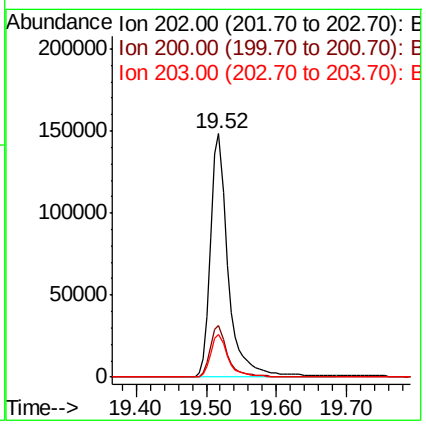


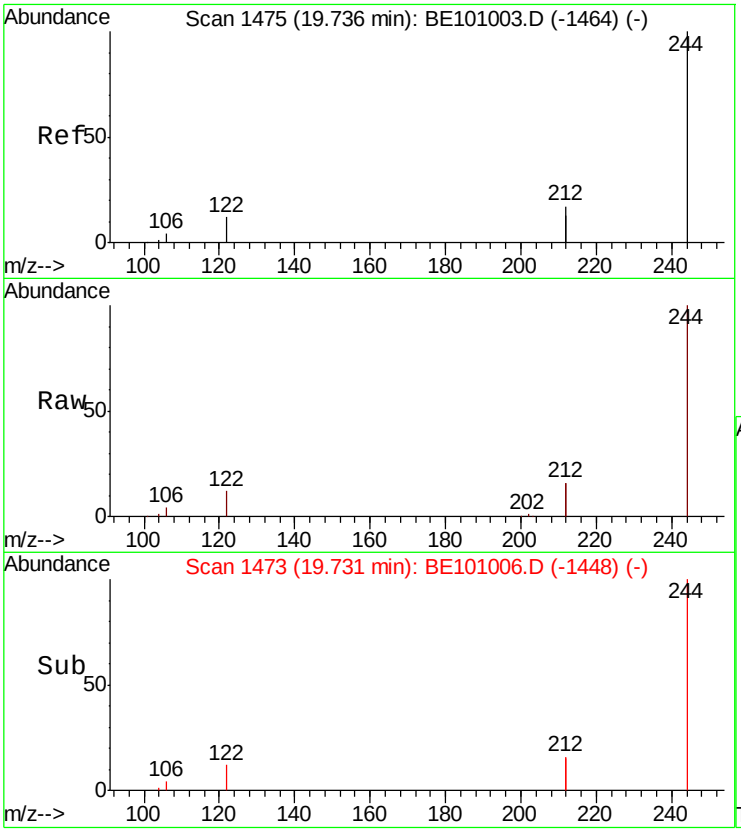


#28
Pyrene
Concen: 3.517 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:202 Resp: 256880

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.5	13.8	20.6



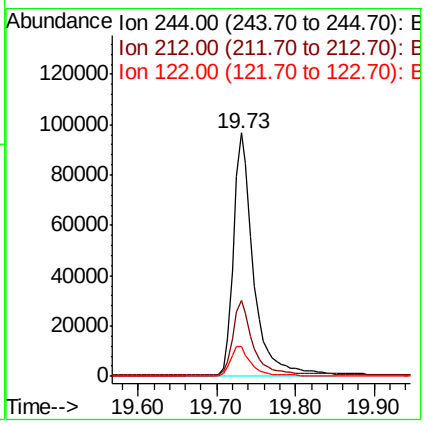


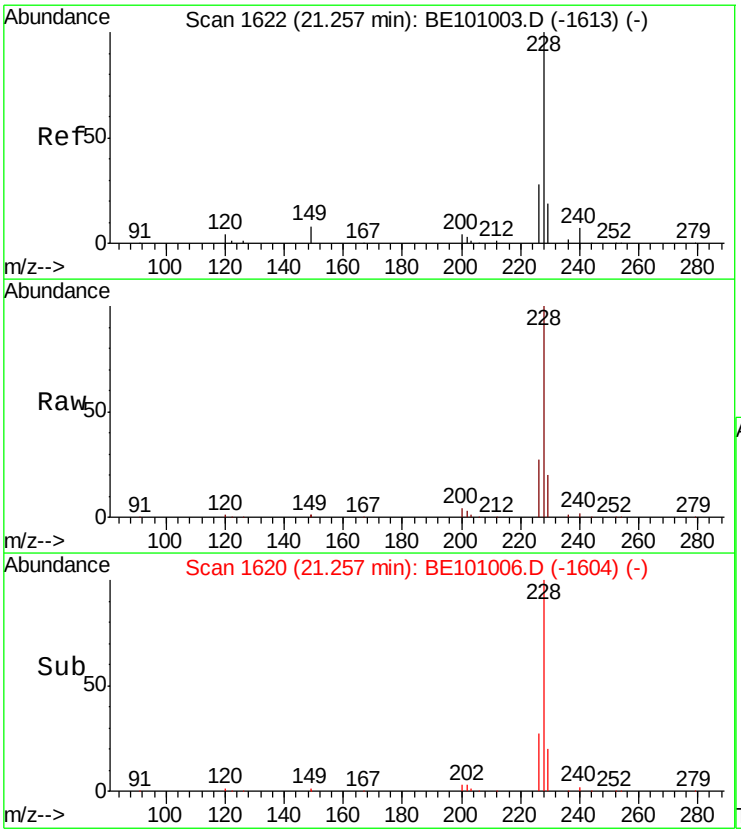
#29
Terphenyl-d14
Concen: 3.608 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 173143

Ion	Ratio	Lower	Upper
244	100		
212	31.3	27.2	40.8
122	12.3	9.8	14.8

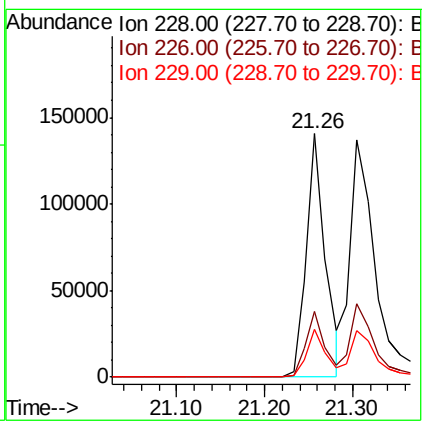


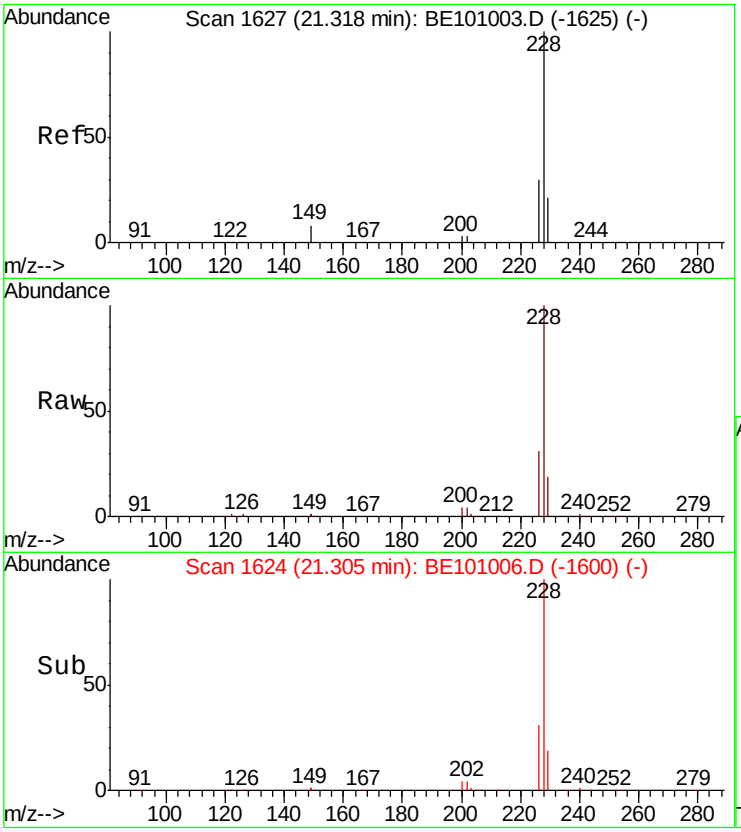


#30
Benzo(a)anthracene
Concen: 4.188 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:228 Resp: 213991

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.7	34.1
229	19.7	15.5	23.3



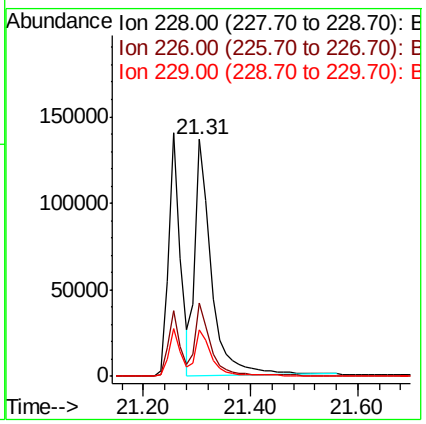


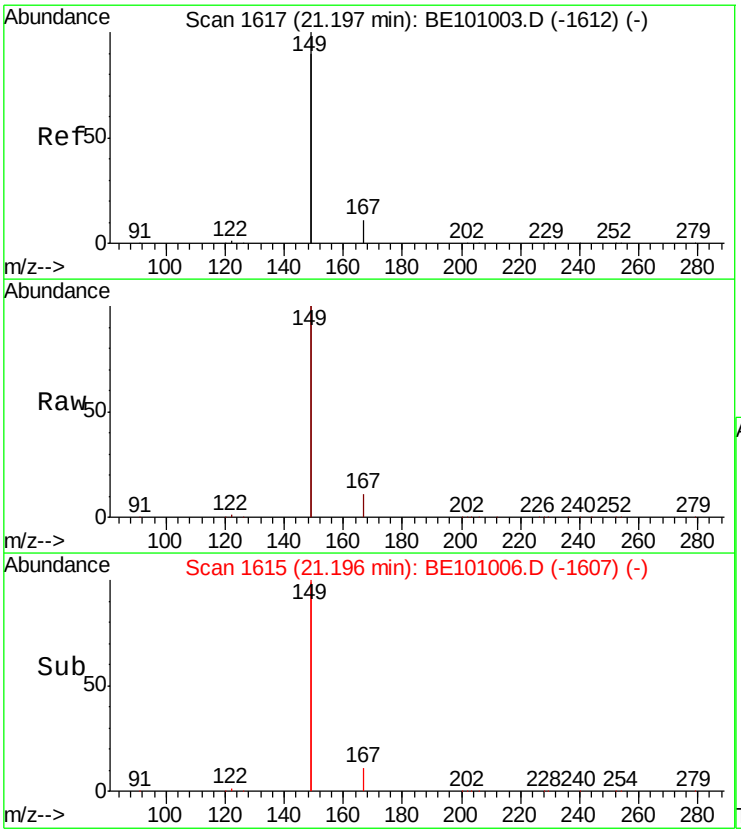
#31
Chrysene
Concen: 2.994 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 284811

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	19.4	16.7	25.1

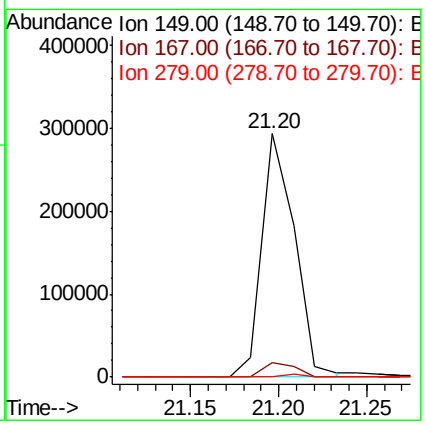


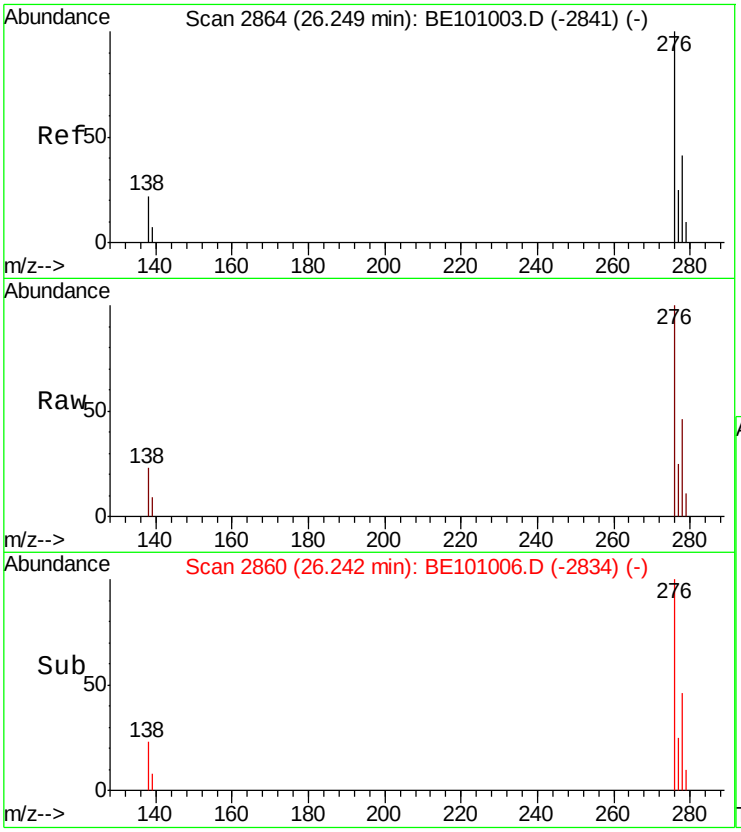


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.308 ng
RT: 21.20 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:149 Resp: 371832

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.2	7.8
279	0.8	0.8	1.2



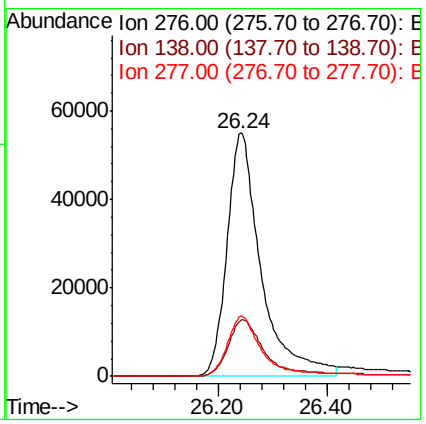


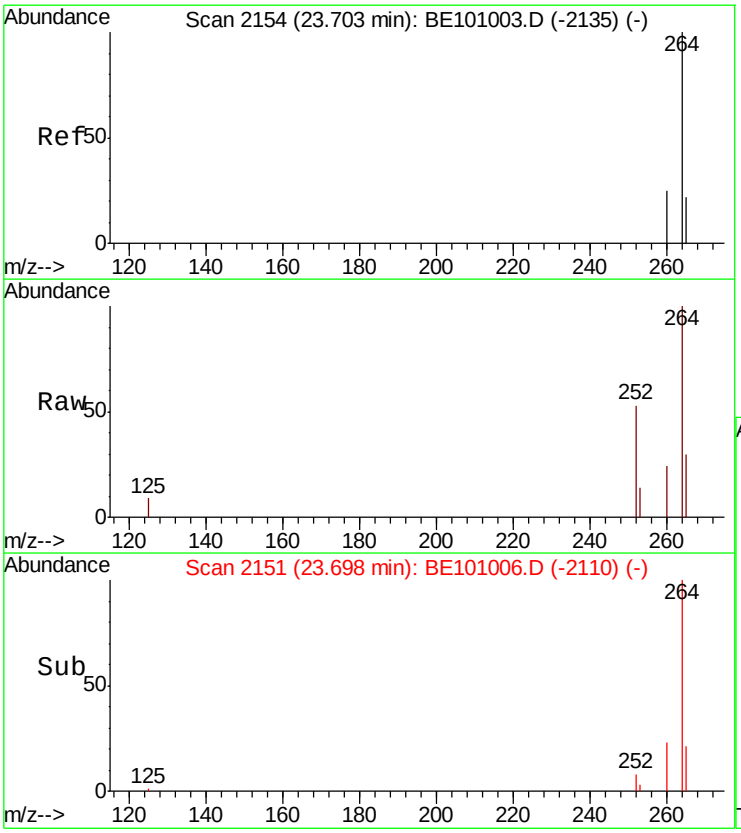
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.357 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 240461

Ion	Ratio	Lower	Upper
276	100		
138	24.1	16.1	24.1#
277	24.9	18.1	27.1

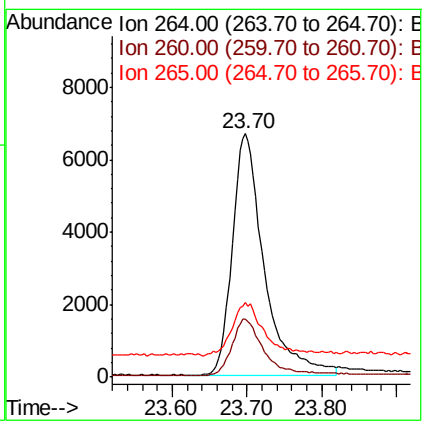


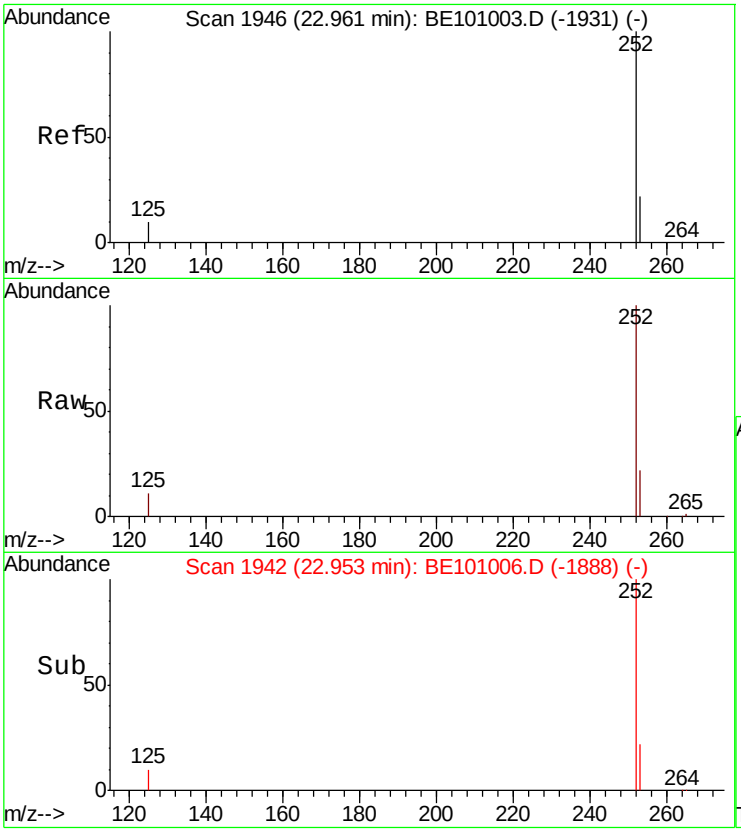


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:264 Resp: 19707

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	30.4	27.0	40.4



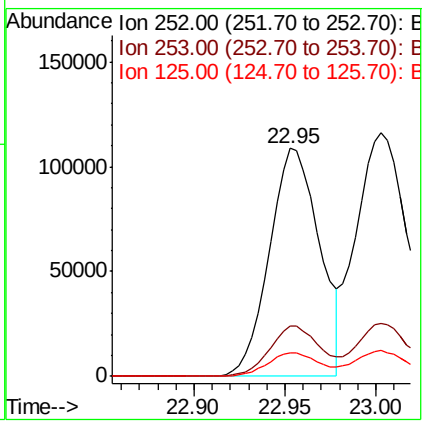


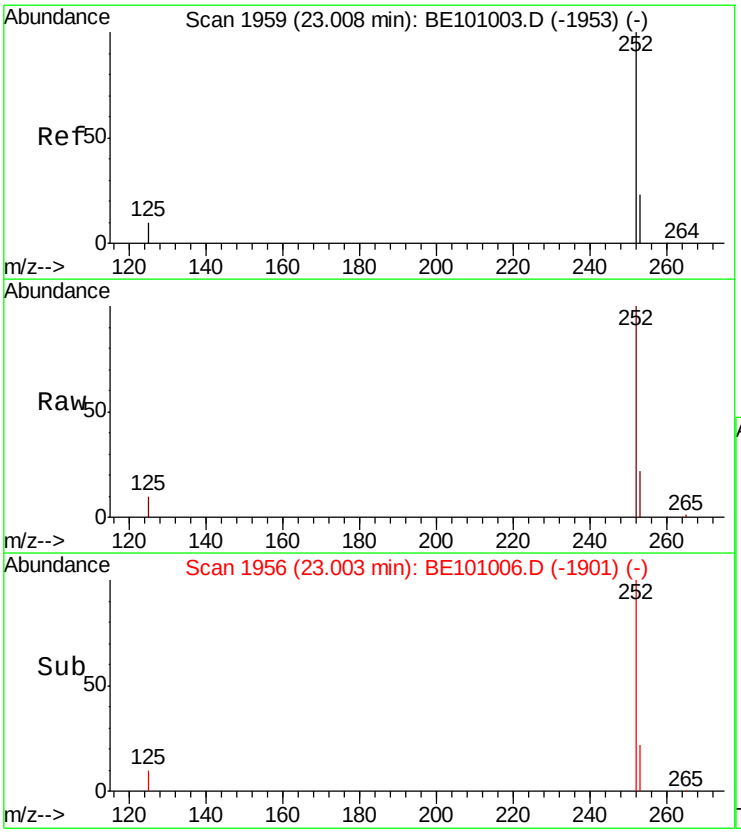
#35
Benzo(b)fluoranthene
Concen: 4.995 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 207249

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	10.5	9.5	14.3

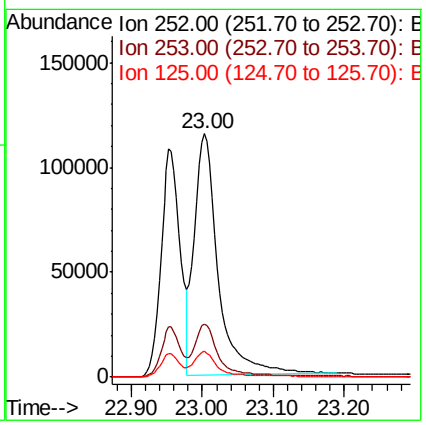


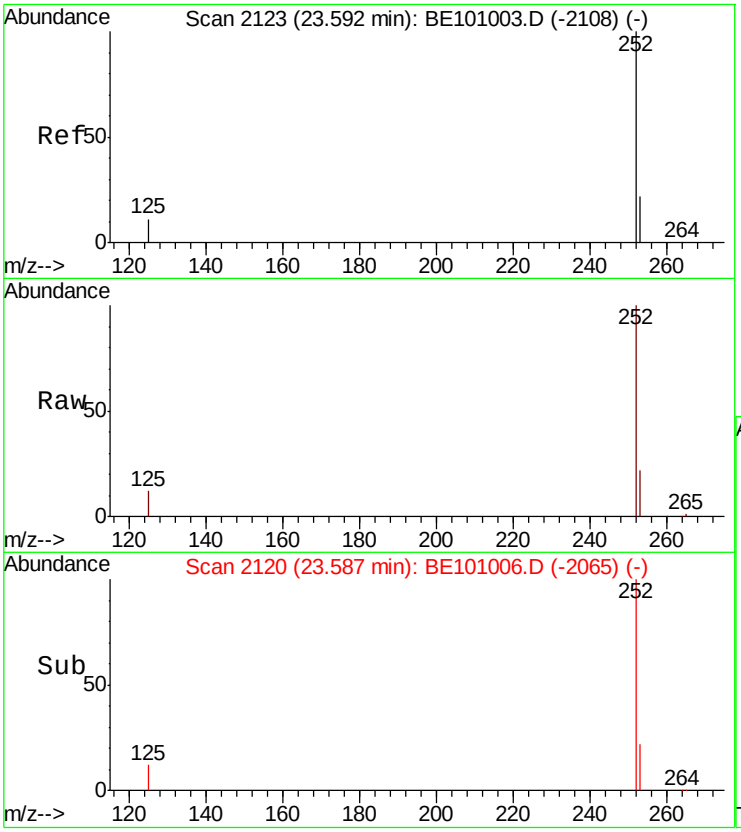


#36
Benzo(k)fluoranthene
Concen: 3.422 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:252 Resp: 269126

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	10.5	10.1	15.1



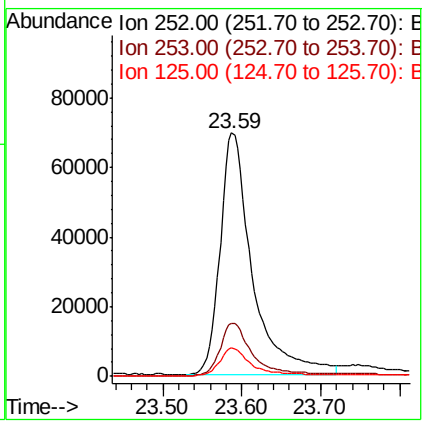


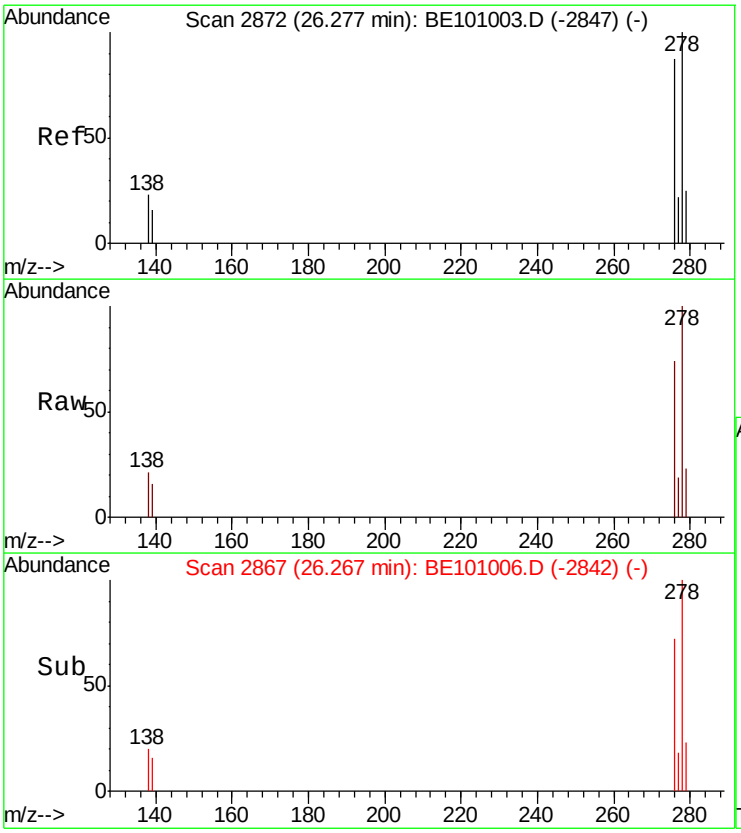
#37
Benzo(a)pyrene
Concen: 4.072 ng
RT: 23.59 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 197220

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.4	29.2
125	11.7	11.8	17.6#

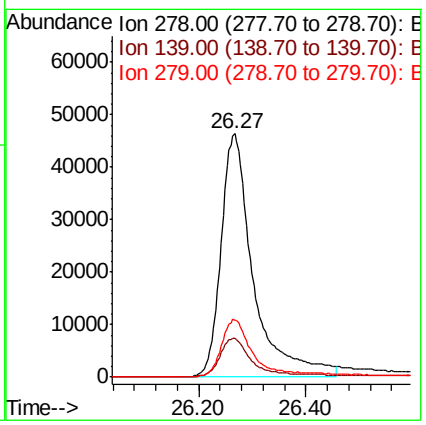


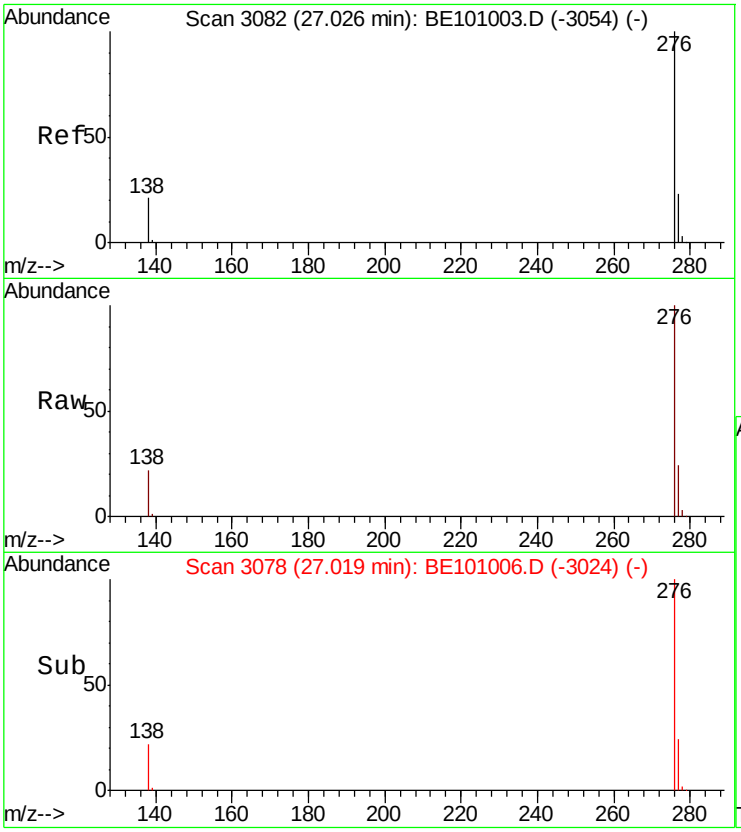


#38
Dibenzo(a,h)anthracene
Concen: 4.408 ng
RT: 26.27 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:278 Resp: 193464

Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.0	22.4
279	23.3	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 4.209 ng
RT: 27.02 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 217600

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	21.7	17.9	26.9