Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100676.D
Acq On : 28 Oct 2019 16:38
Operator : JU
Sample : PB124339BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 29 11:52:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3184	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13521	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	8357	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19868	0.40	ng		-0.01
27) Chrysene-d12	21.35	240	26498	0.40	ng		0.00
34) Perylene-d12	23.82	264	31293	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	3957	0.40	ng		0.00
5) Phenol-d6	7.01	99	5587	0.40	ng		0.00
8) Nitrobenzene-d5	8.99	82	4424	0.53	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	9359	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1014	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	13417	0.44	ng		0.00
25) Fluoranthene-d10	19.22	212	115181	0.45	ng		0.00
29) Terphenyl-d14	19.82	244	25708	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	2999	0.528	ng		95
3) n-Nitrosodimethylamine	3.70	42	2380	0.396	ng	#	93
6) bis(2-Chloroethyl)ether	7.28	93	5113	0.449	ng		99
9) Naphthalene	10.68	128	63074	0.444	ng		100
10) Hexachlorobutadiene	10.98	225	2727	0.441	ng		97
12) 2-Methylnaphthalene	12.29	142	10653	0.440	ng		98
16) Acenaphthylene	14.20	152	15524	0.432	ng		98
17) Acenaphthene	14.53	154	10256	0.441	ng		99
18) Fluorene	15.50	166	13949	0.452	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	4569	0.452	ng		90
21) Hexachlorobenzene	16.51	284	4348	0.451	ng		98
22) Pentachlorophenol	16.85	266	1237	0.399	ng		98
23) Phenanthrene	17.23	178	24630	0.451	ng		100
24) Anthracene	17.32	178	21436	0.423	ng		99
26) Fluoranthene	19.25	202	32739	0.459	ng		100
28) Pyrene	19.60	202	33402	0.451	ng		100
30) Benzo(a)anthracene	21.34	228	37184	0.430	ng		99
31) Chrysene	21.39	228	38488	0.446	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	65840	0.364	ng		100
33) Indeno(1,2,3-cd)pyrene	26.42	276	44665	0.421	ng		99
35) Benzo(b)fluoranthene	23.07	252	38332	0.420	ng		99
36) Benzo(k)fluoranthene	23.12	252	40076	0.427	ng		99
37) Benzo(a)pyrene	23.71	252	35117	0.413	ng		100
38) Dibenzo(a,h)anthracene	26.46	278	37157	0.423	ng		100
39) Benzo(g,h,i)perylene	27.22	276	37839	0.429	ng		99

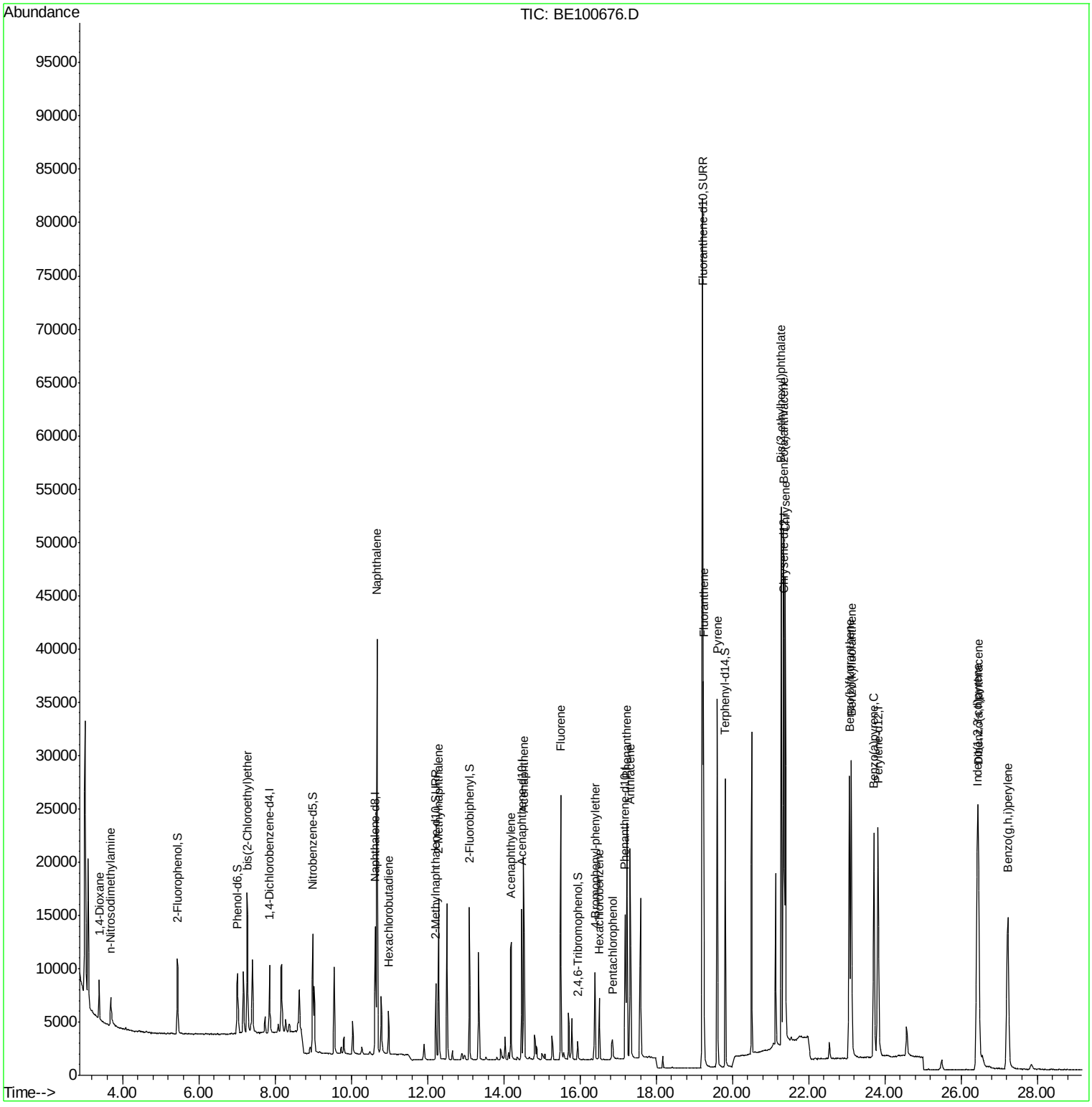
(#) = qualifier out of range (m) = manual integration (+) = signals summed

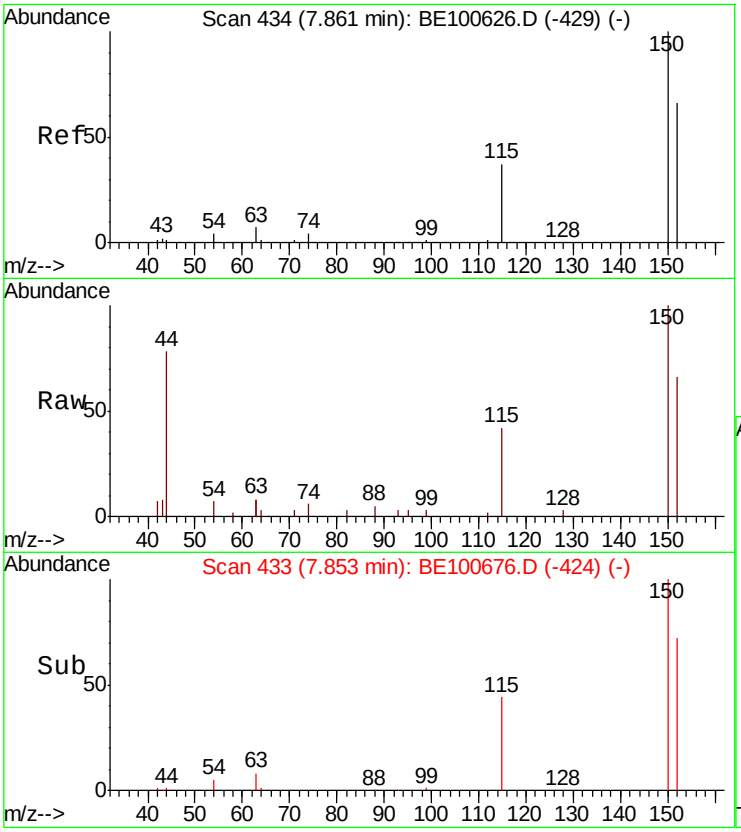
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100676.D
Acq On : 28 Oct 2019 16:38
Operator : JU
Sample : PB124339BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 29 11:52:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



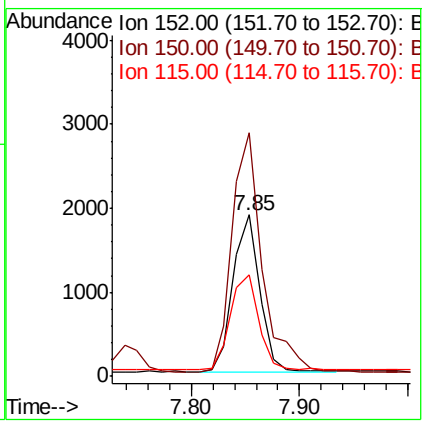


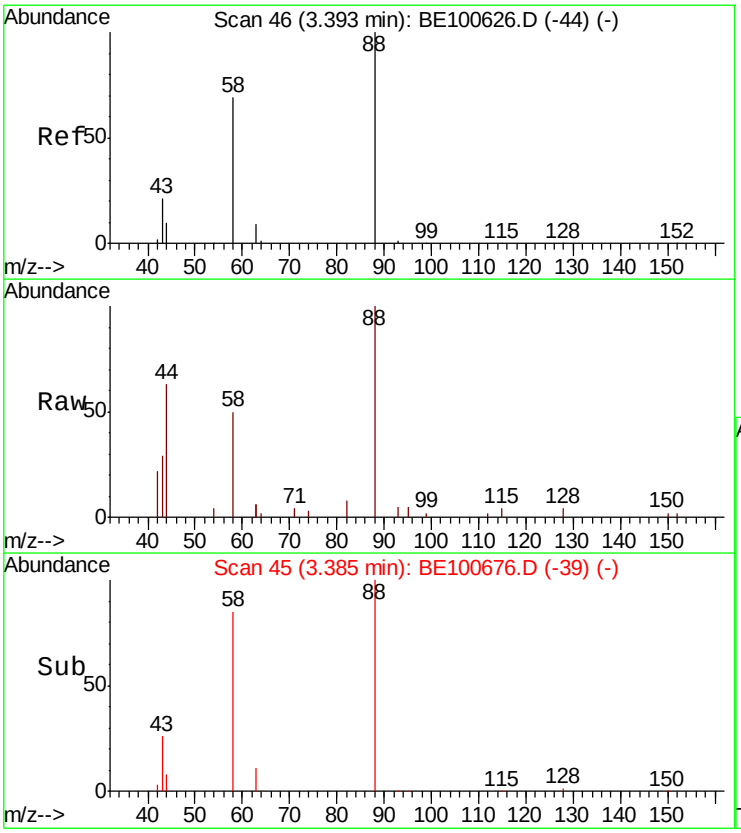
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3184

Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.3	184.9
115	63.0	51.9	77.9

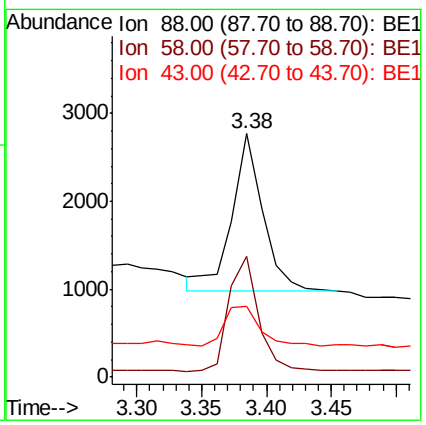


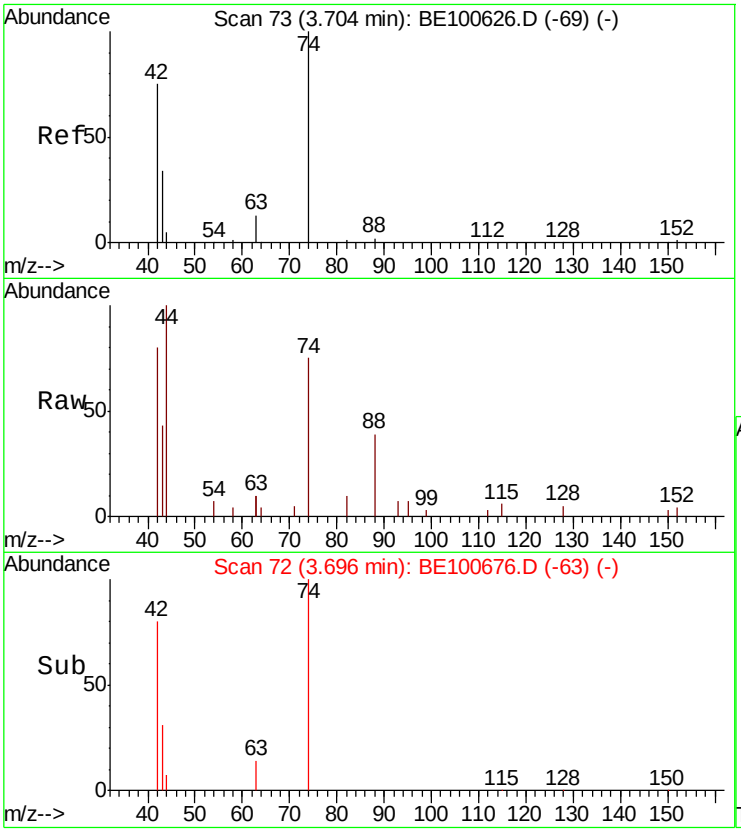


#2
1,4-Dioxane
Concen: 0.528 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion: 88 Resp: 2999

Ion	Ratio	Lower	Upper
88	100		
58	69.6	59.8	89.6
43	28.7	24.6	36.8



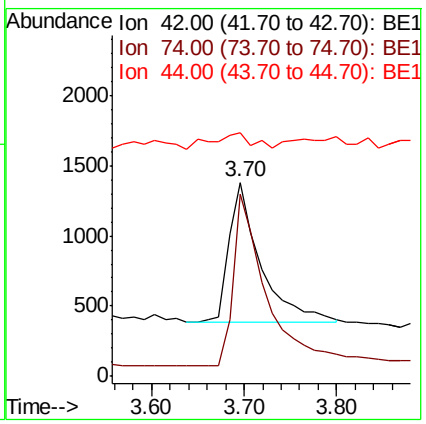


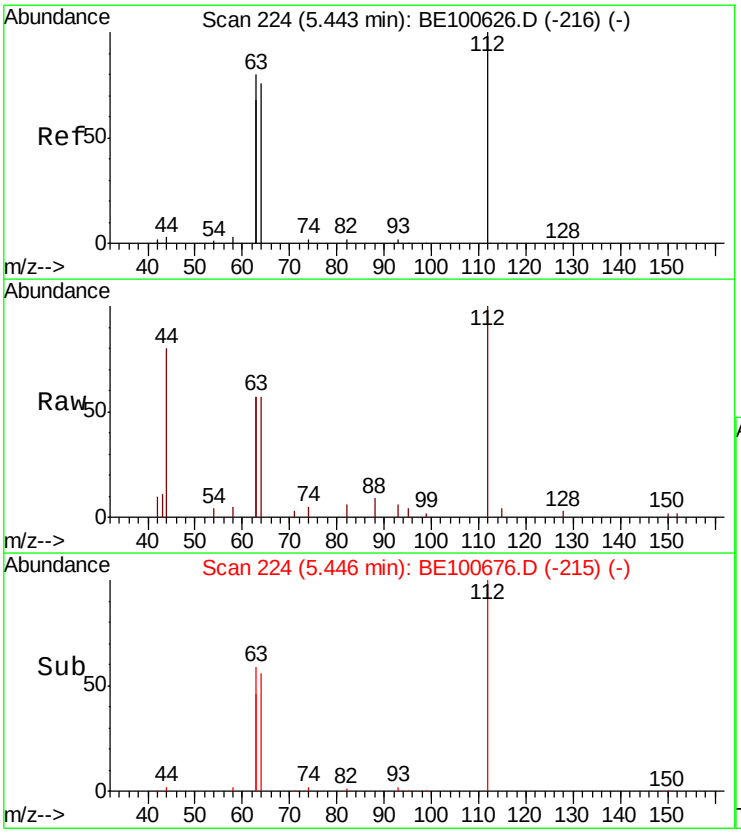
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2380

Ion	Ratio	Lower	Upper
42	100		
74	127.6	97.2	145.8
44	13.4	16.6	24.8#

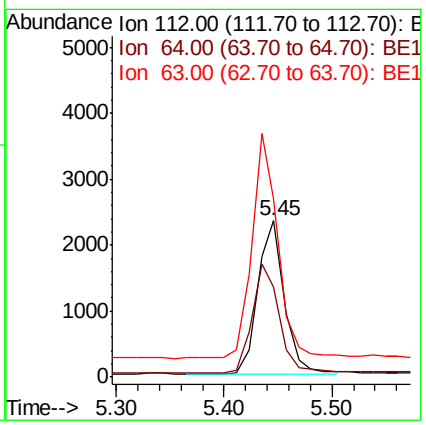


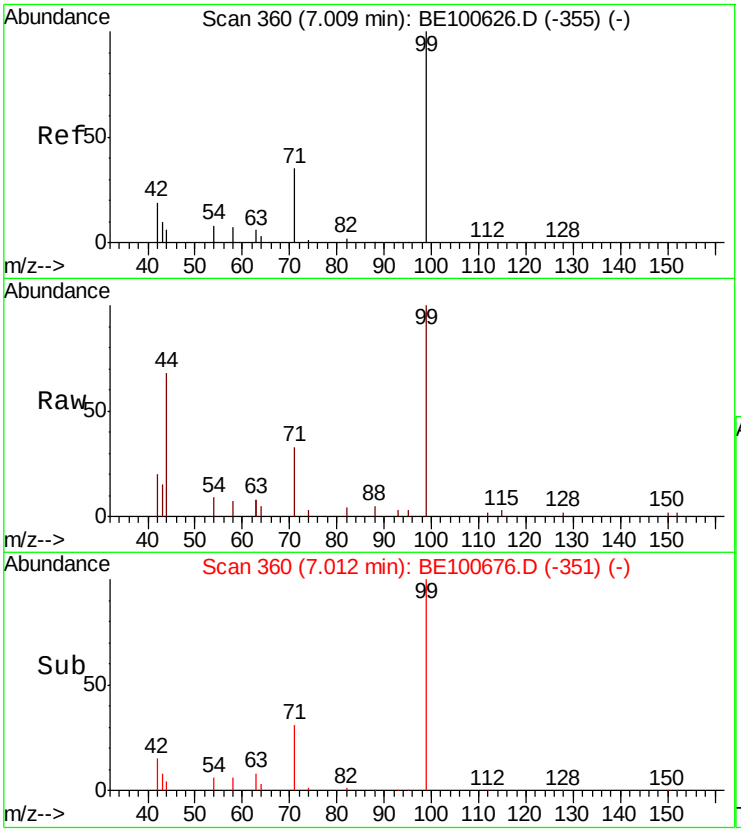


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:112 Resp: 3957

Ion	Ratio	Lower	Upper
112	100		
64	72.1	55.4	83.2
63	142.2	114.2	171.4



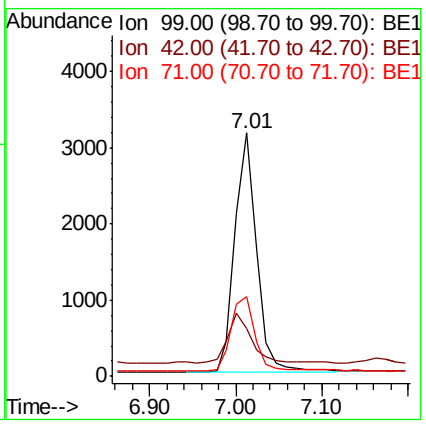


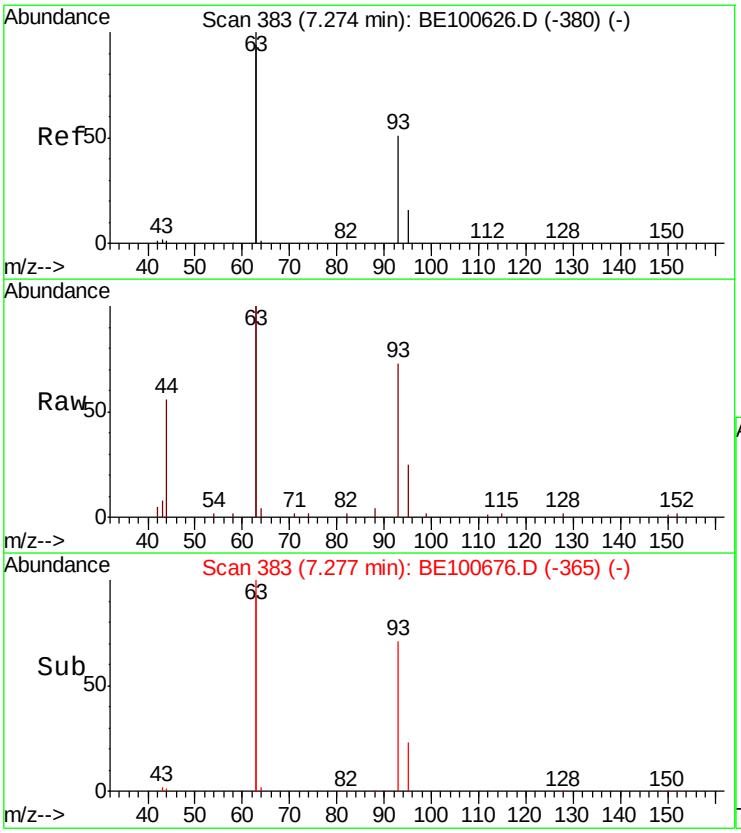
#5
Phenol-d6
Concen: 0.403 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5587

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.7	26.5
71	33.9	27.4	41.0

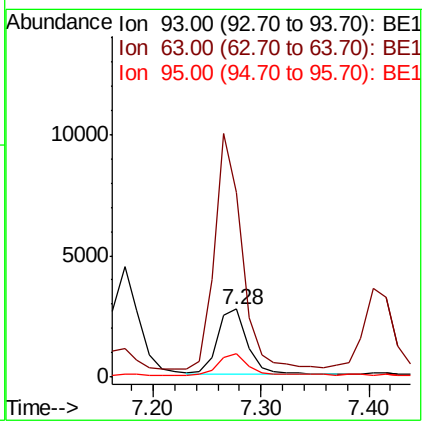


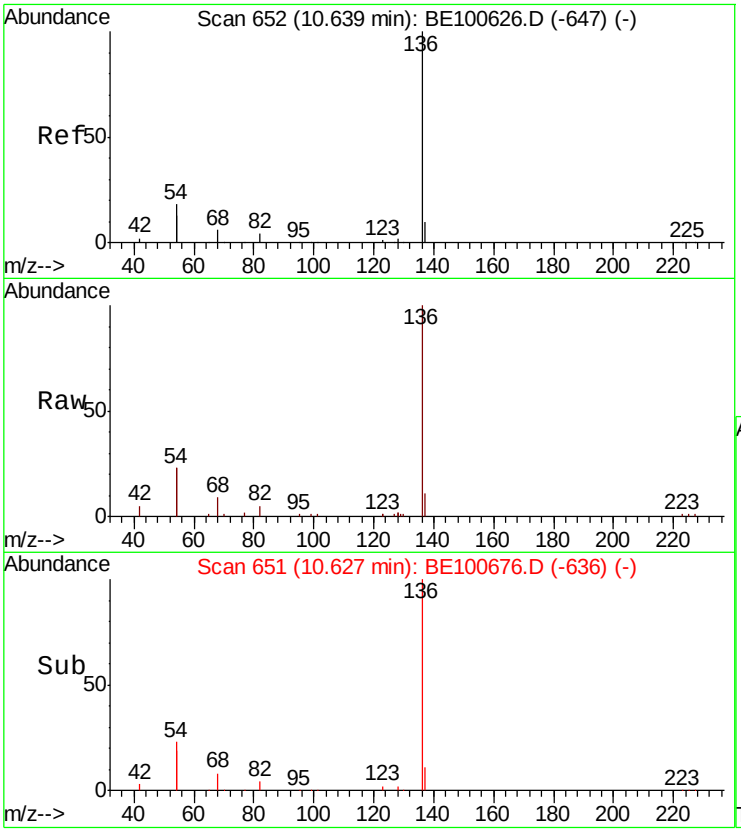


#6
bis(2-Chloroethyl)ether
Concen: 0.449 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion: 93 Resp: 5113

Ion	Ratio	Lower	Upper
93	100		
63	333.2	268.8	403.2
95	30.6	25.6	38.4

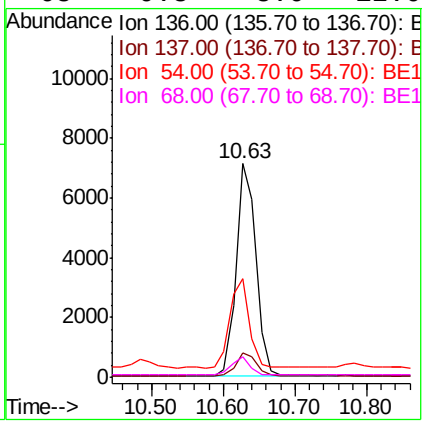




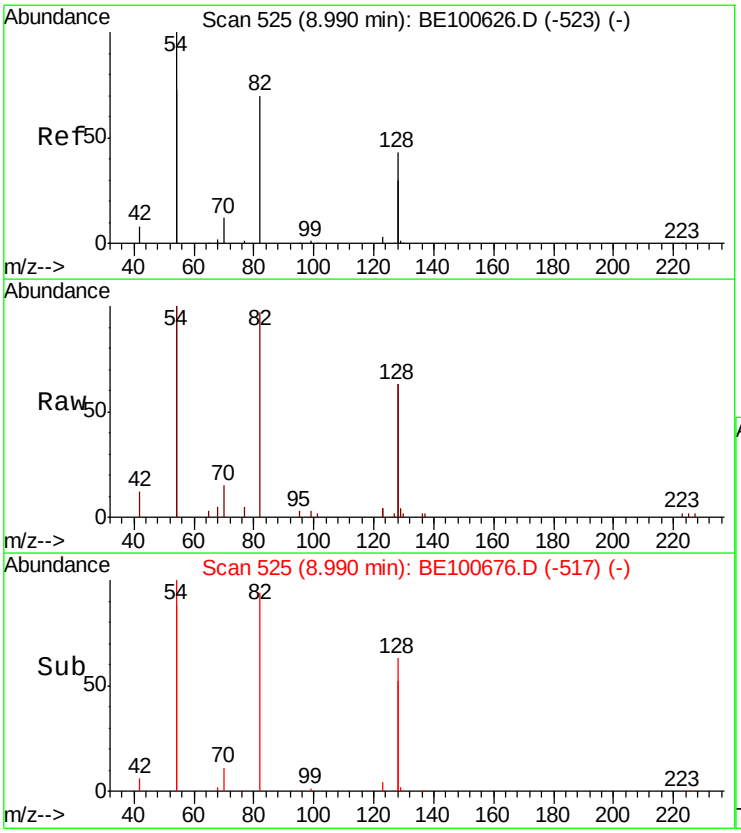
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:136 Resp: 13521

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	45.9	39.4	59.2
68	9.3	8.0	12.0



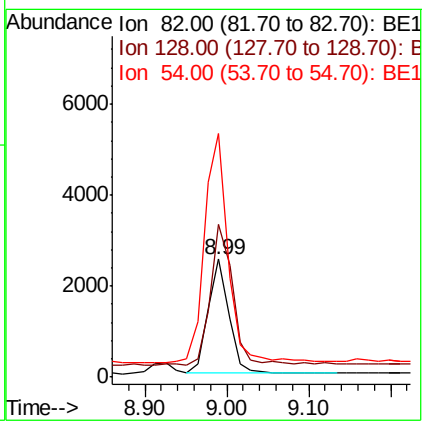
Instrument :
BNA_E
ClientSampleId :

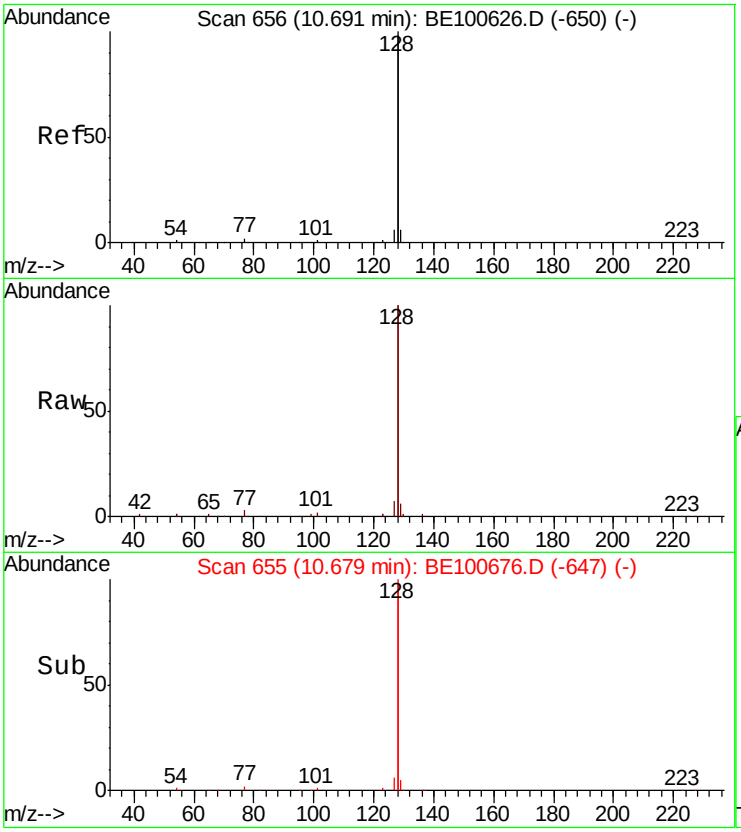


#8
Nitrobenzene-d5
Concen: 0.528 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion: 82 Resp: 4424

Ion	Ratio	Lower	Upper
82	100		
128	129.5	107.8	161.8
54	206.2	166.1	249.1



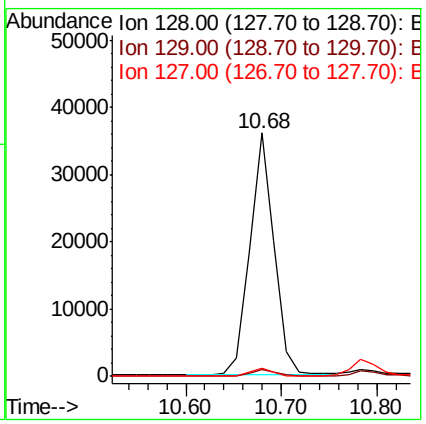


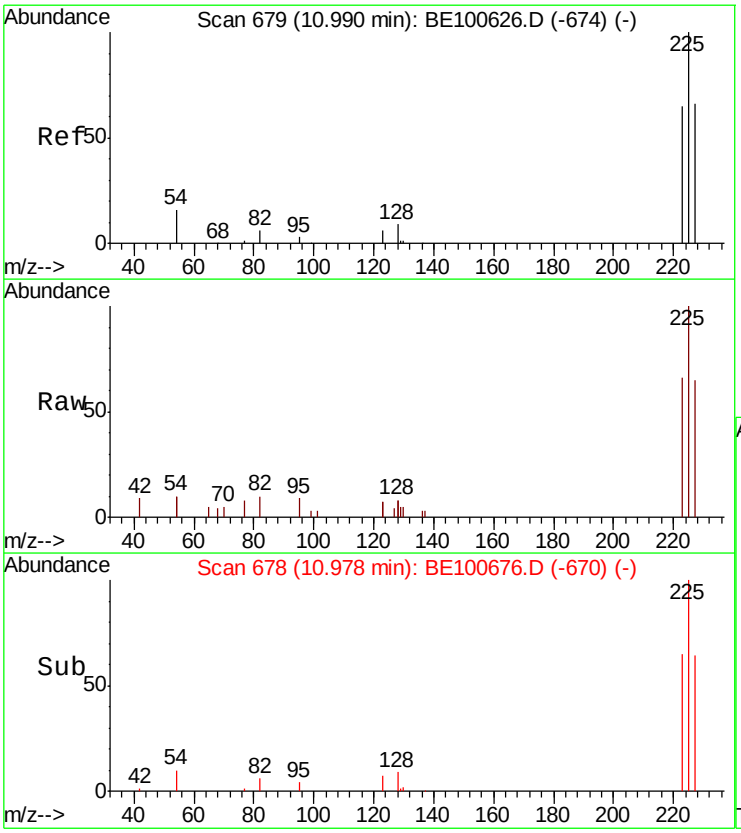
#9
Naphthalene
Concen: 0.444 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 63074

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.7	4.1

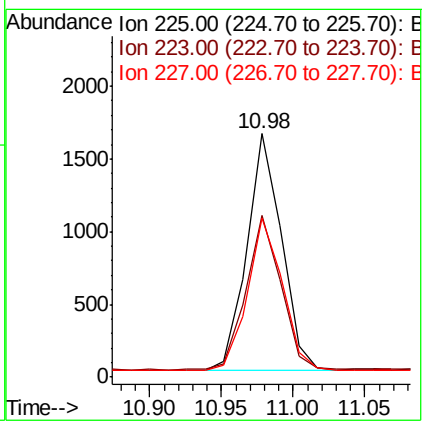


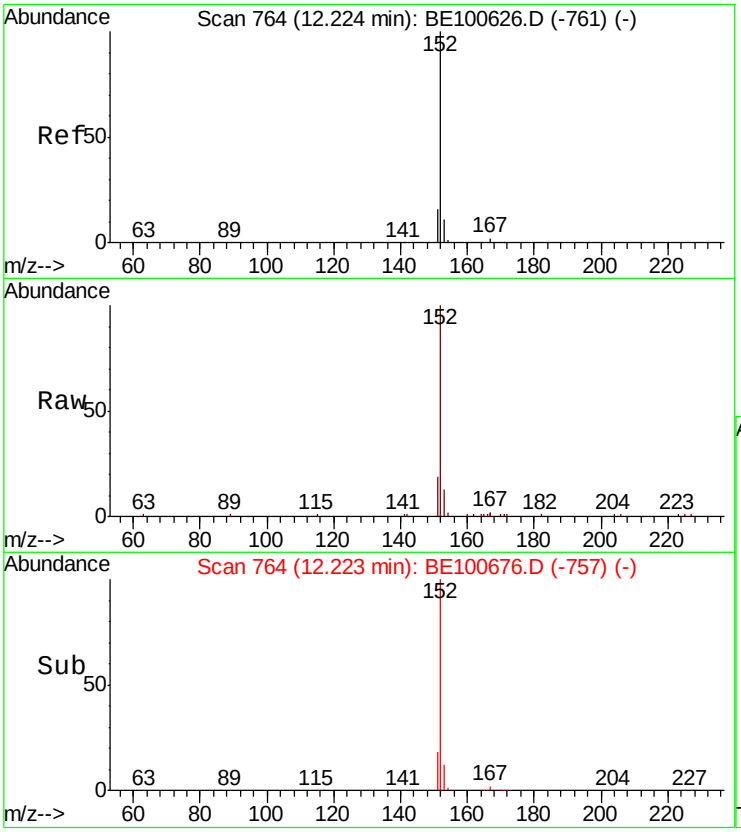


#10
Hexachlorobutadiene
Concen: 0.441 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:225 Resp: 2727

Ion	Ratio	Lower	Upper
225	100		
223	65.6	48.6	72.8
227	64.6	51.6	77.4



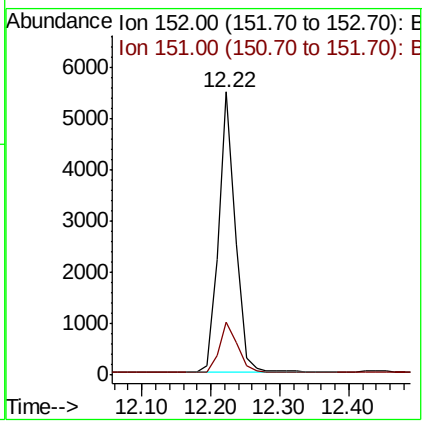


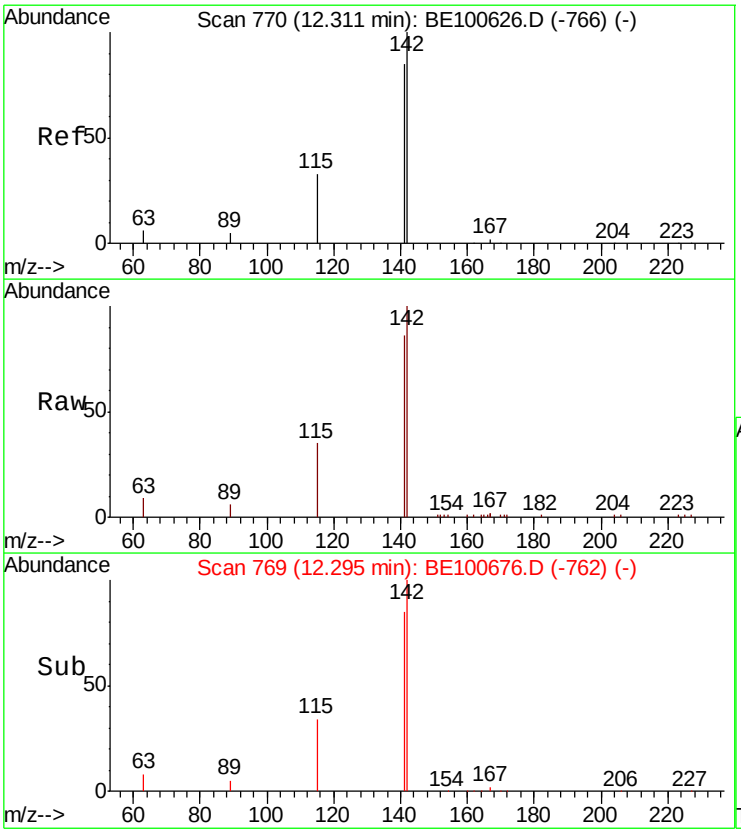
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9359

Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.7	22.1

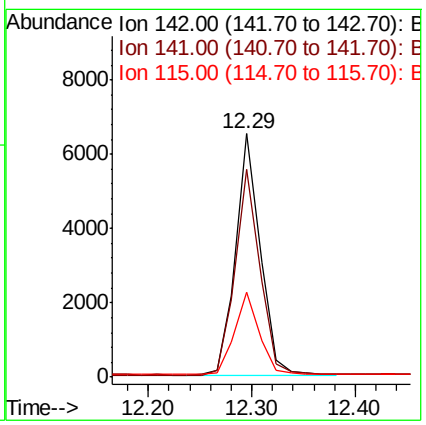


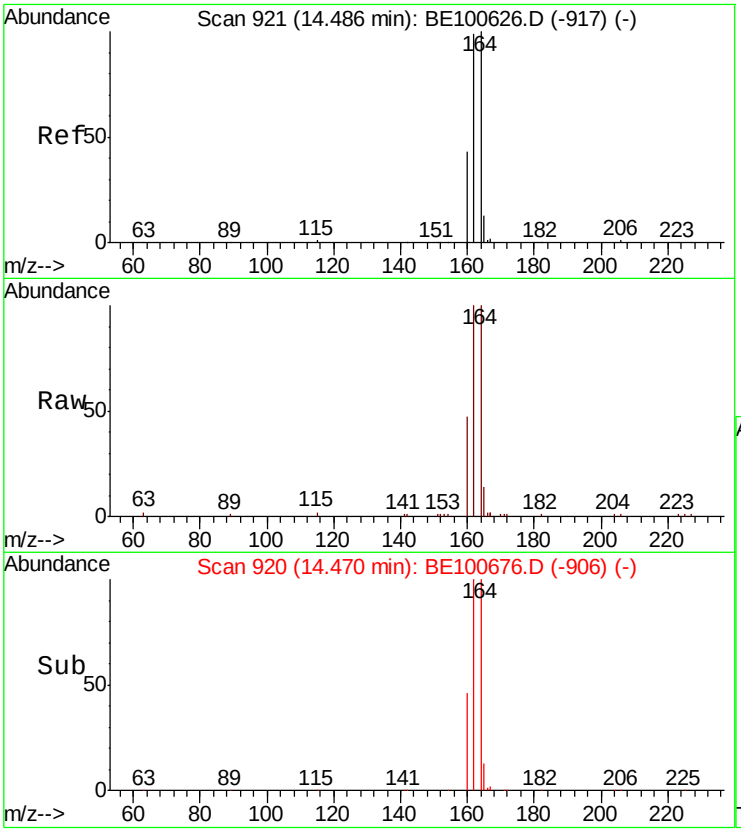


#12
2-Methylnaphthalene
Concen: 0.440 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:142 Resp: 10653

Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.1	105.1
115	34.9	28.3	42.5



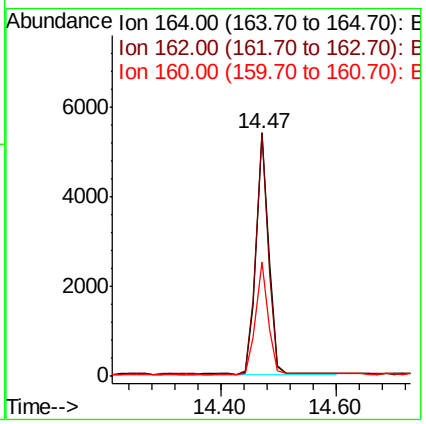


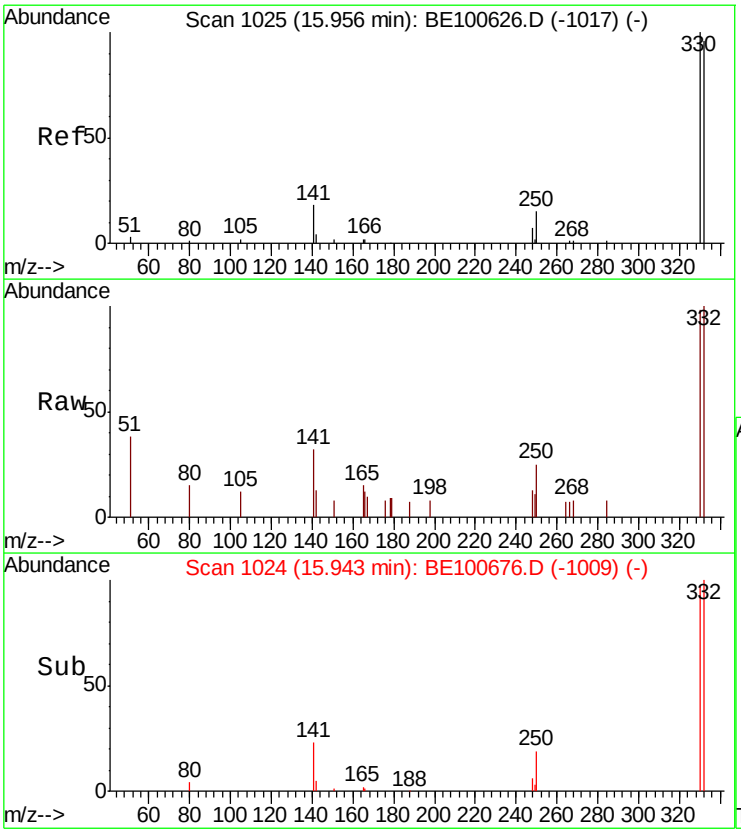
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8357

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.0	123.0
160	46.8	37.5	56.3

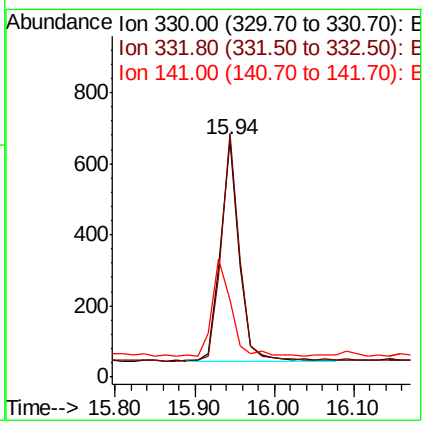


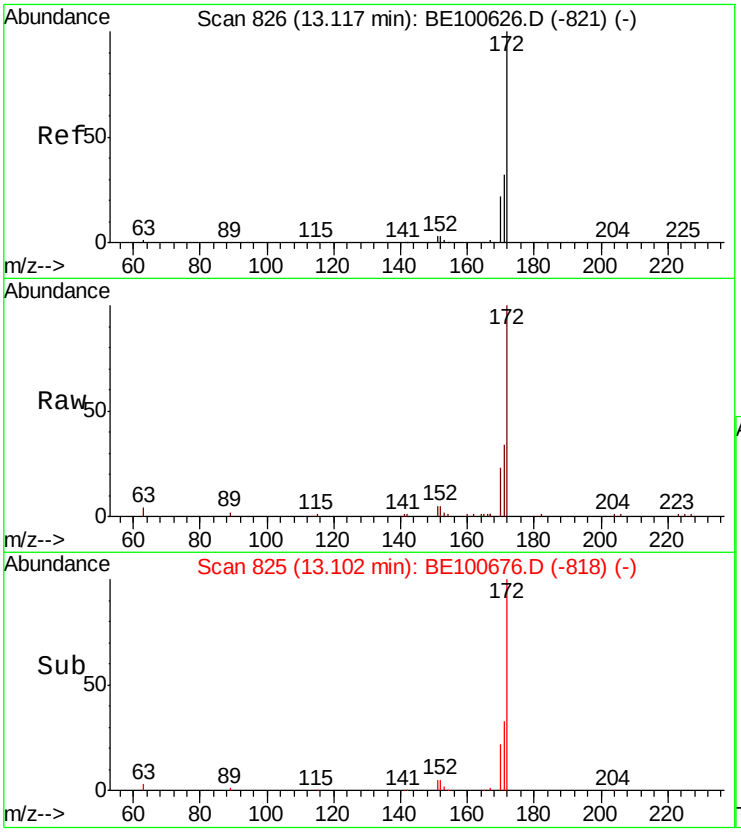


#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:330 Resp: 1014

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.9	116.9
141	44.9	33.0	49.6



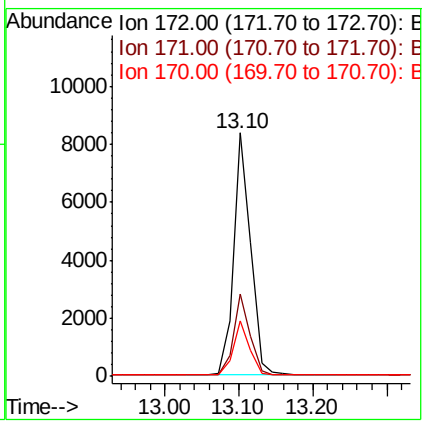


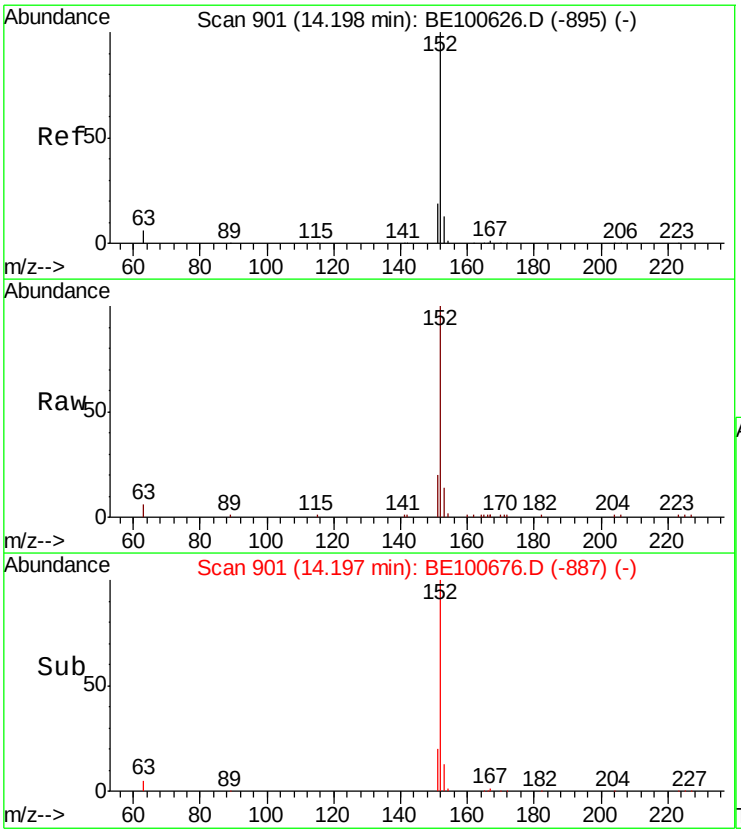
#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13417

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.5	39.7
170	22.5	19.0	28.4

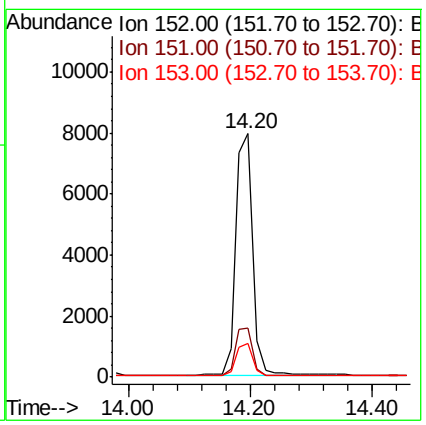


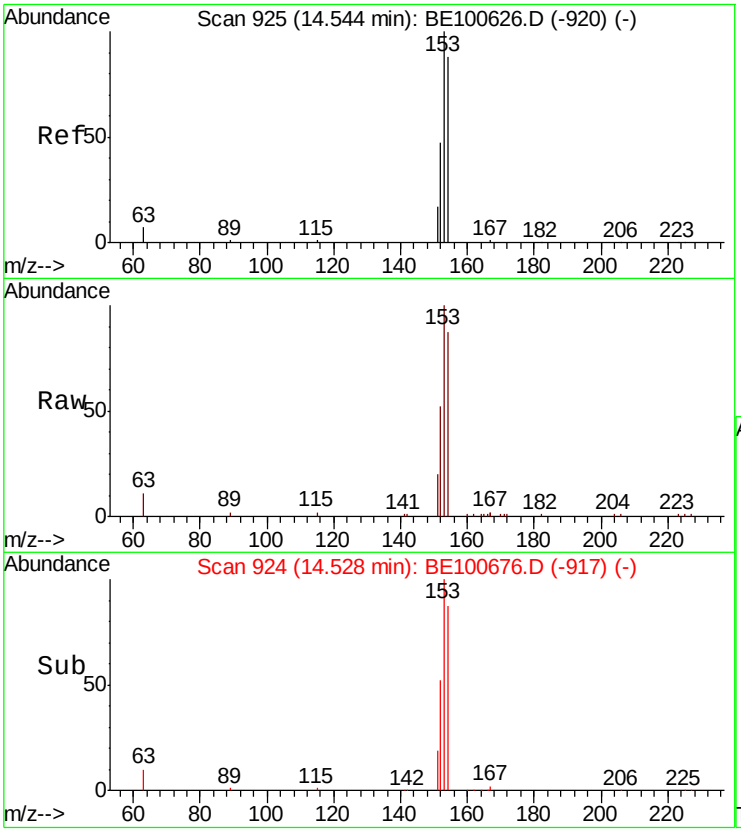


#16
Acenaphthylene
Concen: 0.432 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:152 Resp: 15524

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.2	22.8
153	13.1	10.3	15.5



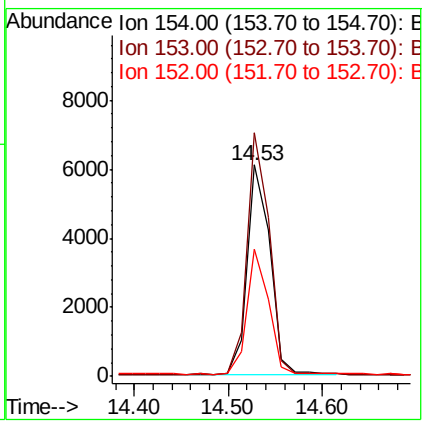


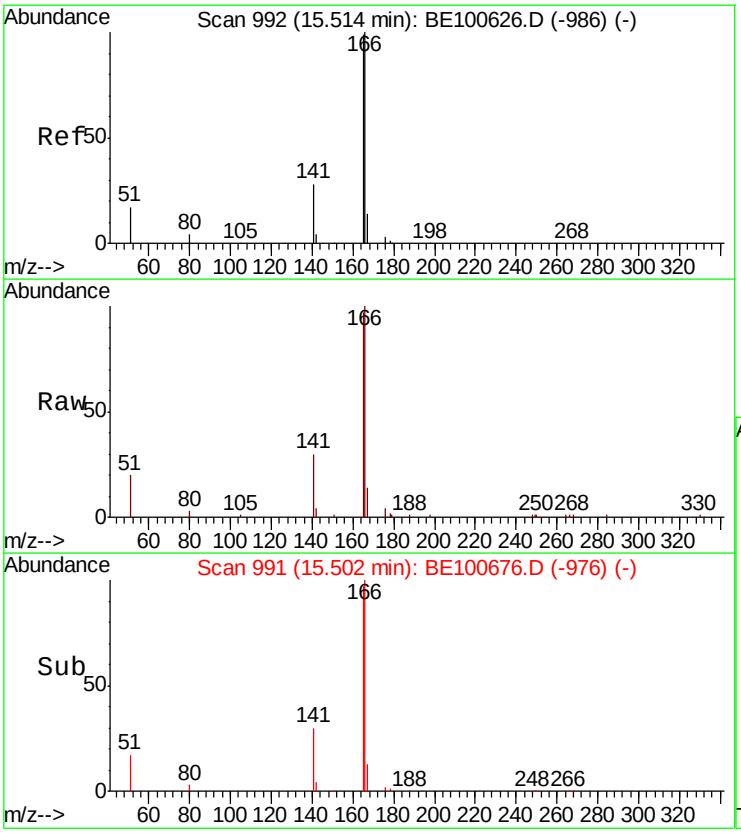
#17
Acenaphthene
Concen: 0.441 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10256

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.2
152	56.7	44.1	66.1

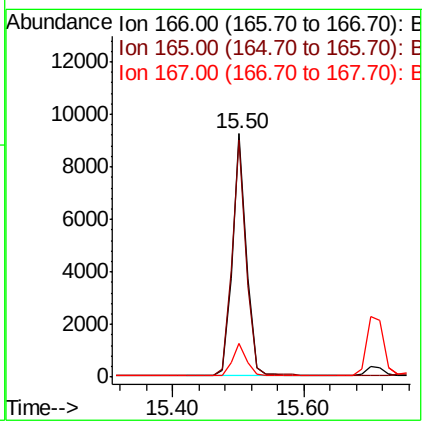


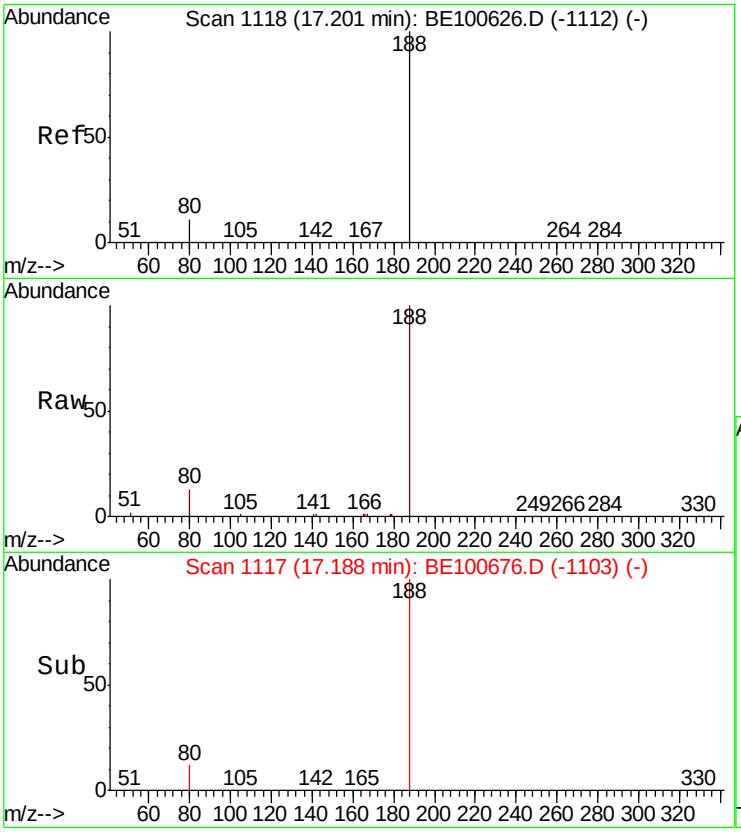


#18
Fluorene
Concen: 0.452 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:166 Resp: 13949

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.4	10.9	16.3



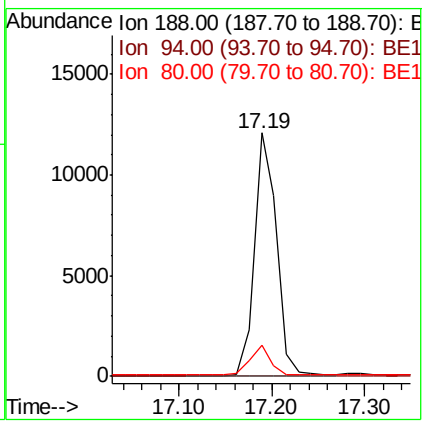


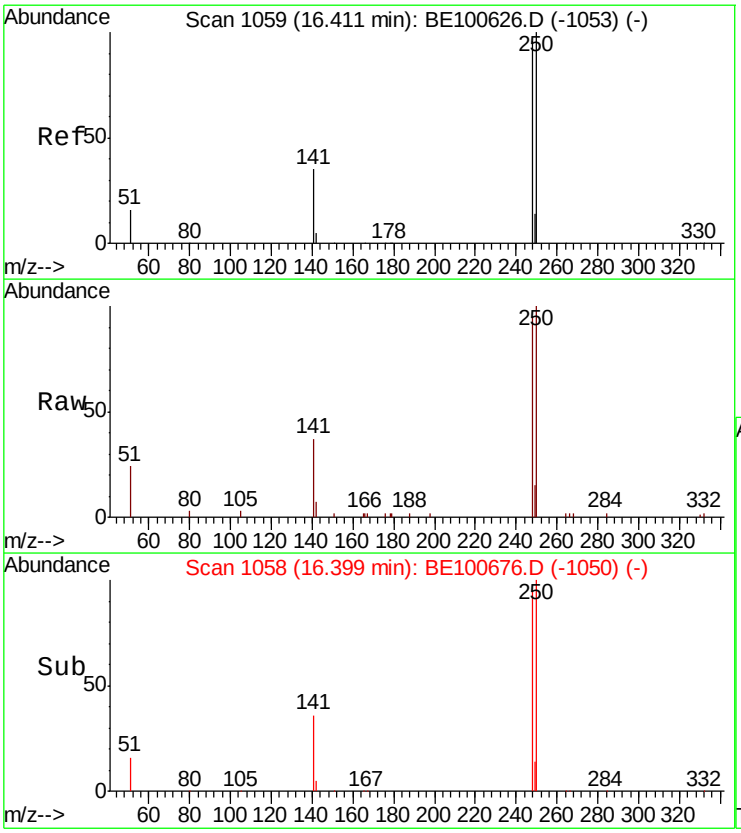
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19868

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	5.4	8.0#

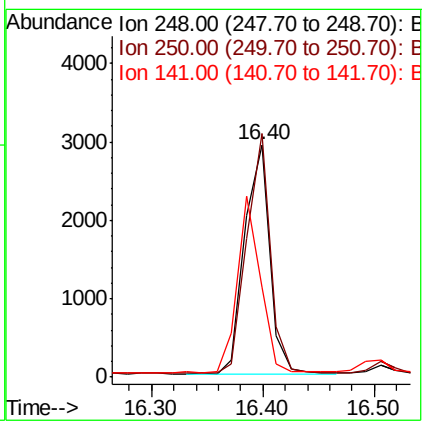


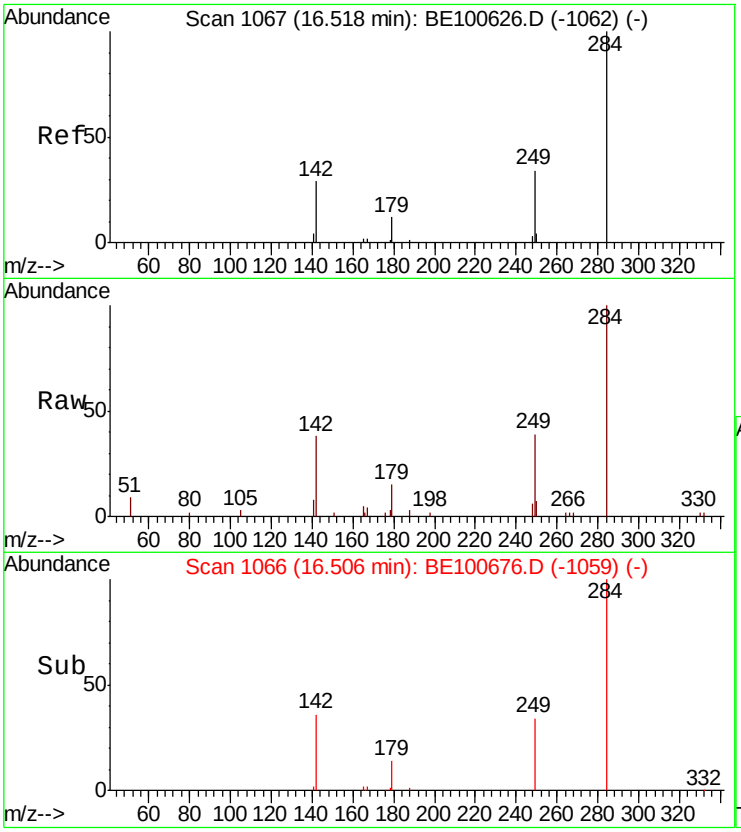


#20
4-Bromophenyl-phenylether
Concen: 0.452 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:248 Resp: 4569

Ion	Ratio	Lower	Upper
248	100		
250	104.9	76.3	114.5
141	38.7	37.3	55.9



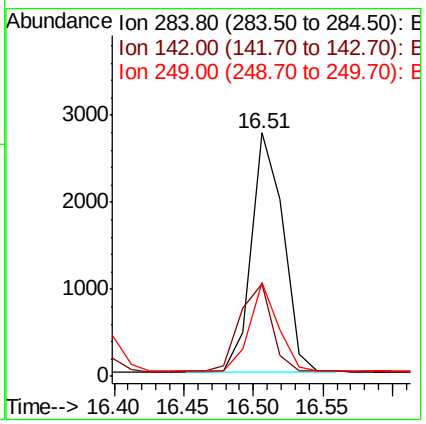


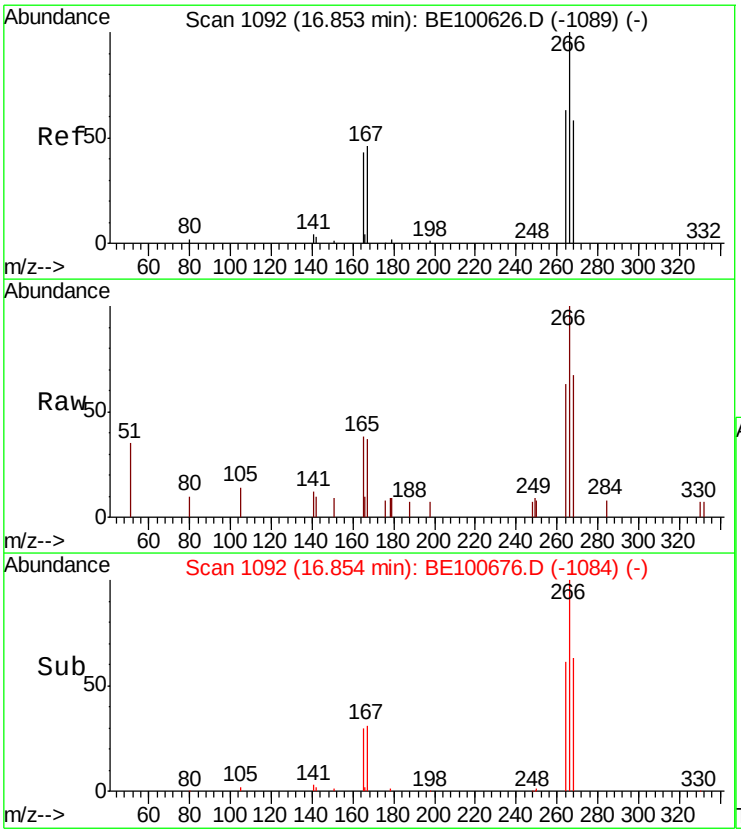
#21
Hexachlorobenzene
Concen: 0.451 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4348

Ion	Ratio	Lower	Upper
284	100		
142	37.1	28.6	42.8
249	33.9	26.3	39.5

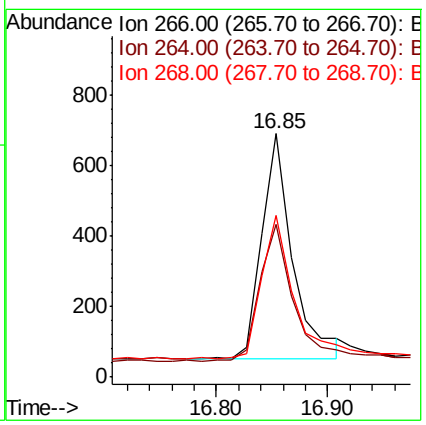


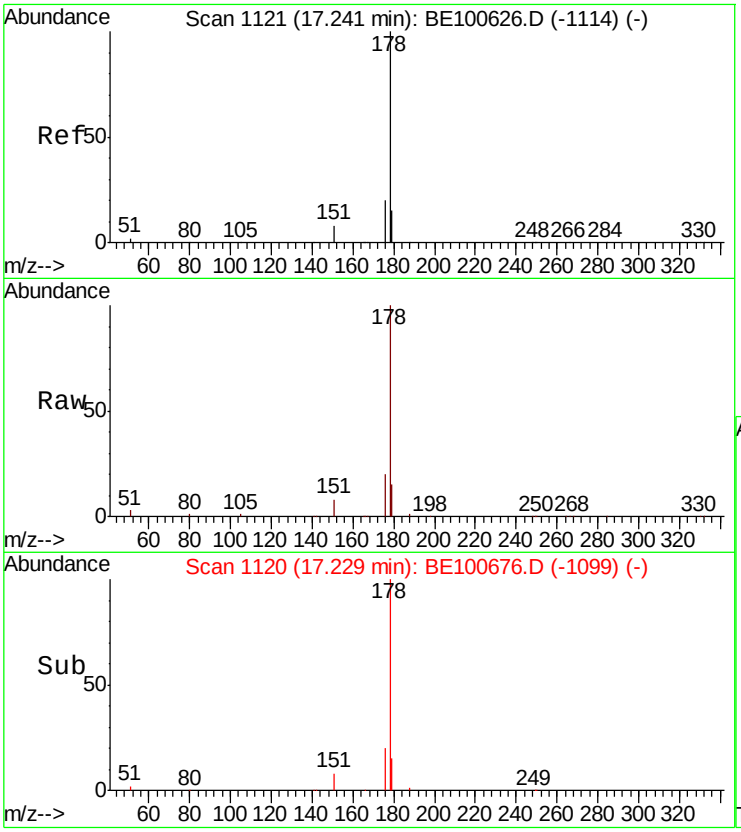


#22
Pentachlorophenol
Concen: 0.399 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:266 Resp: 1237

Ion	Ratio	Lower	Upper
266	100		
264	62.8	52.2	78.4
268	66.5	53.1	79.7



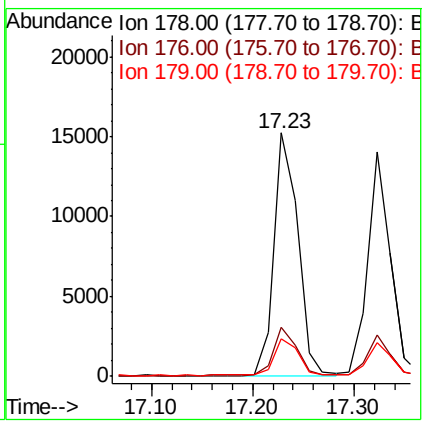


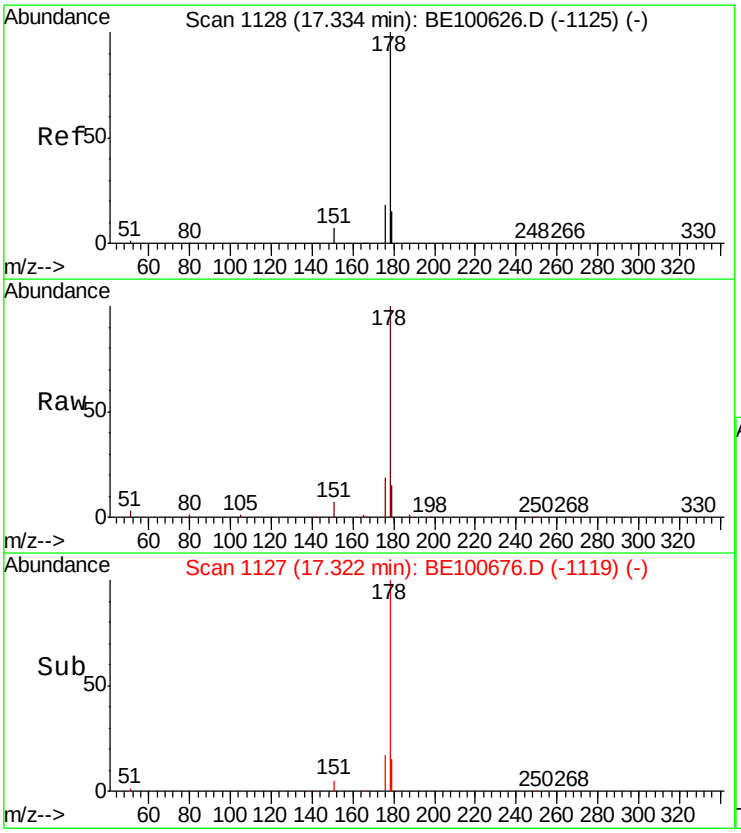
#23
Phenanthrene
Concen: 0.451 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 24630

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.1	18.1

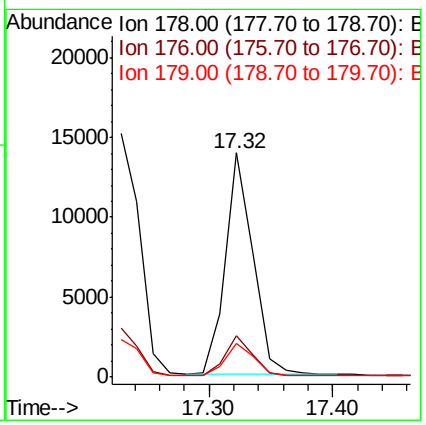


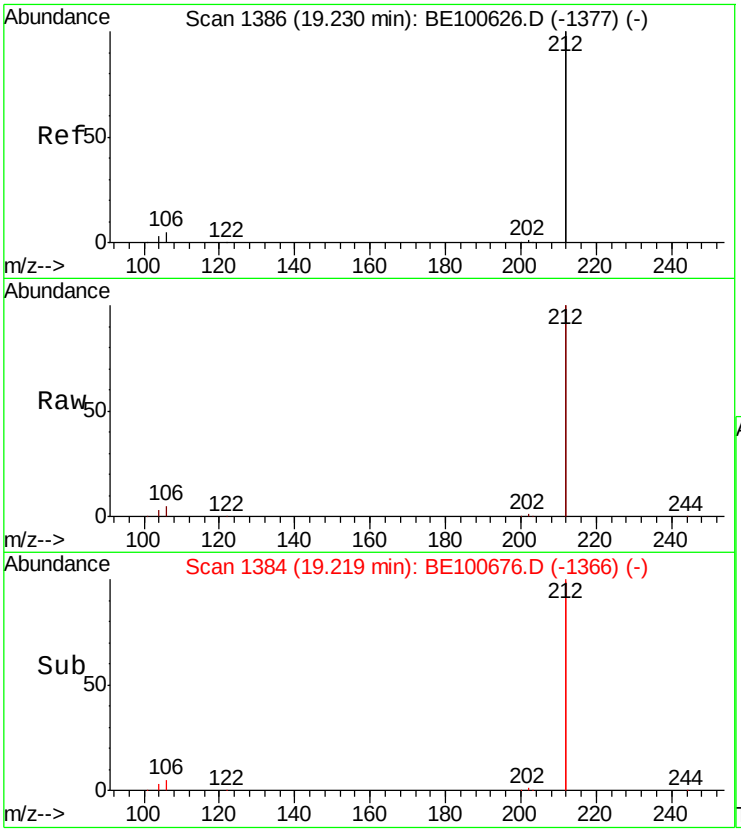


#24
Anthracene
Concen: 0.423 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:178 Resp: 21436

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.3	12.5	18.7



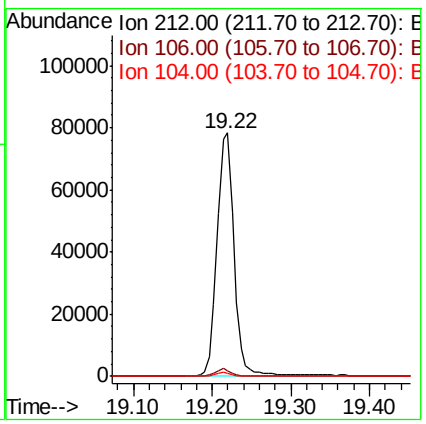


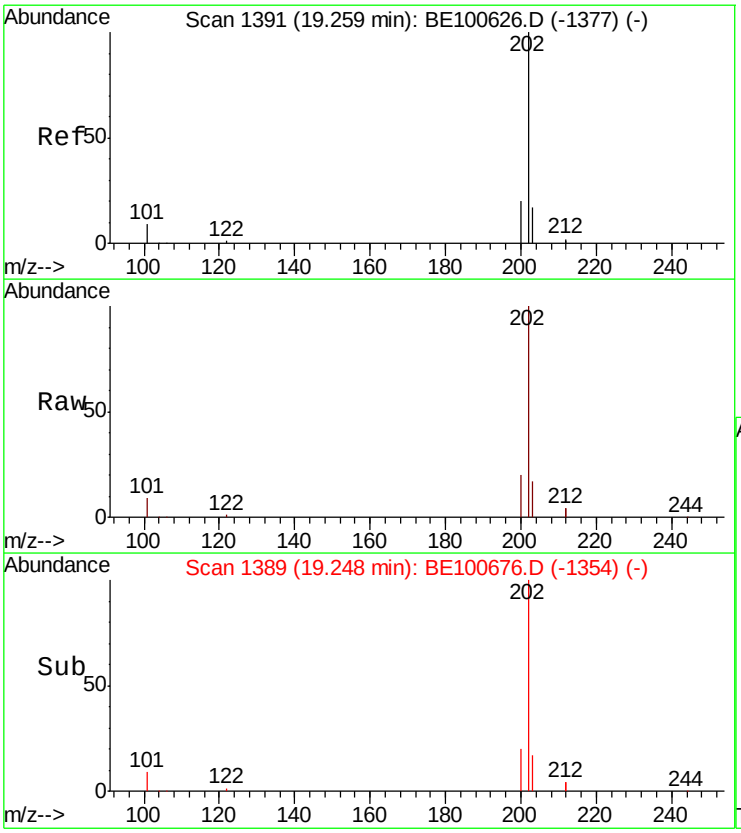
#25
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 115181

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.5	1.3	1.9

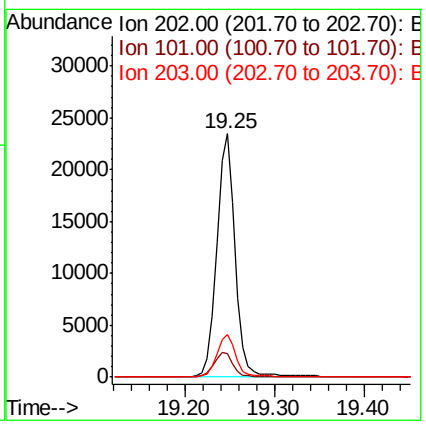


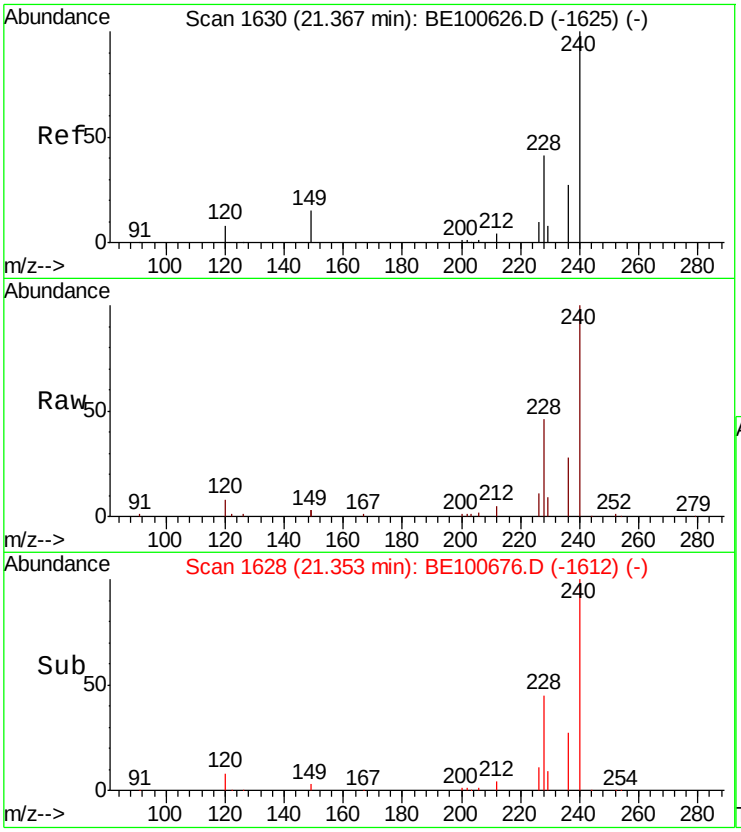


#26
Fluoranthene
Concen: 0.459 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:202 Resp: 32739

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.5	12.7
203	17.2	13.8	20.8



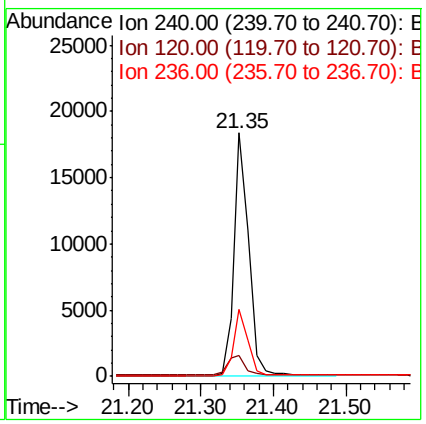


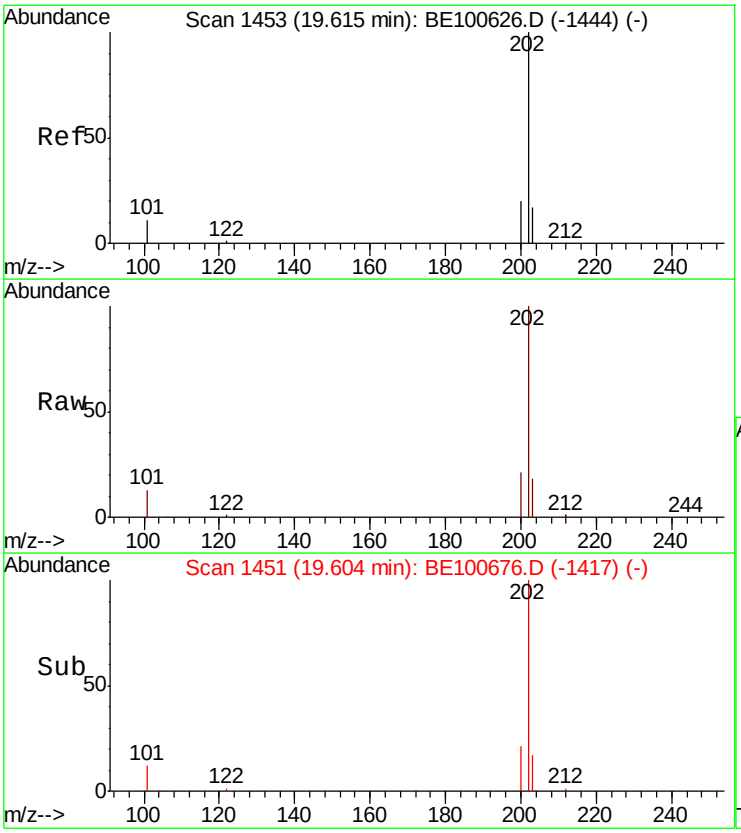
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 26498

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.6	11.4
236	27.7	22.1	33.1

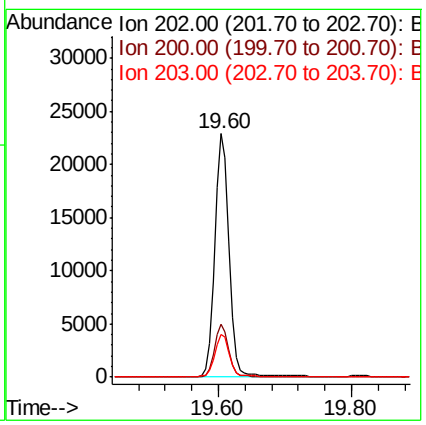


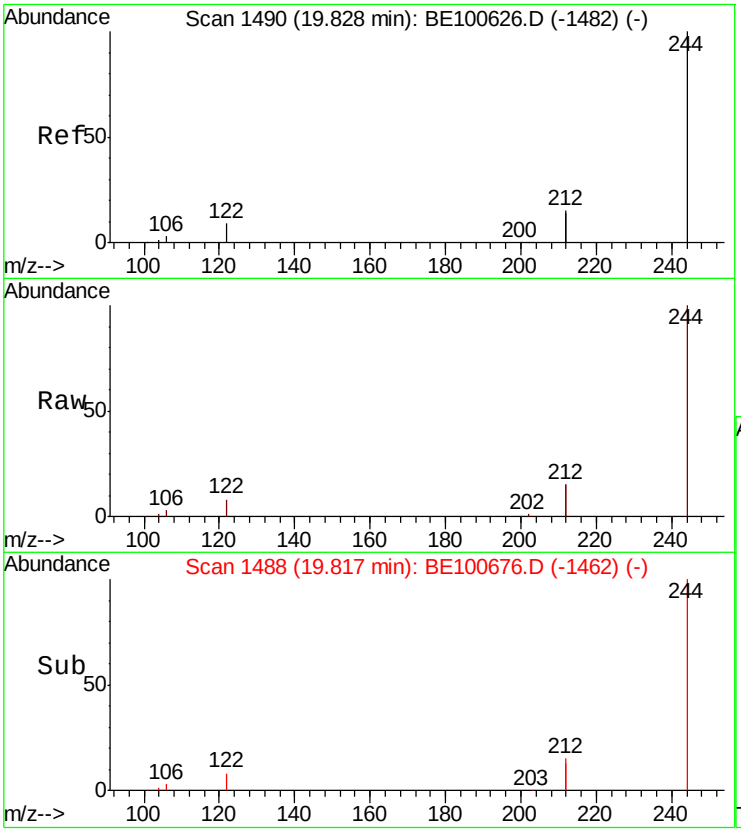


#28
Pyrene
Concen: 0.451 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:202 Resp: 33402

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.0	21.0



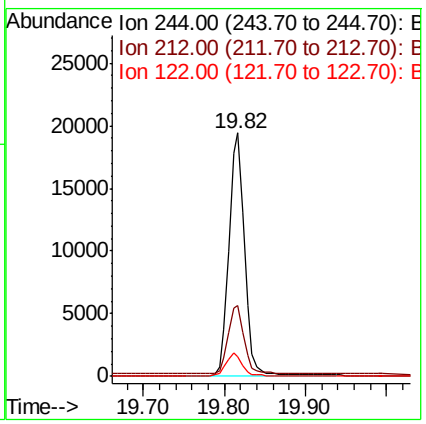


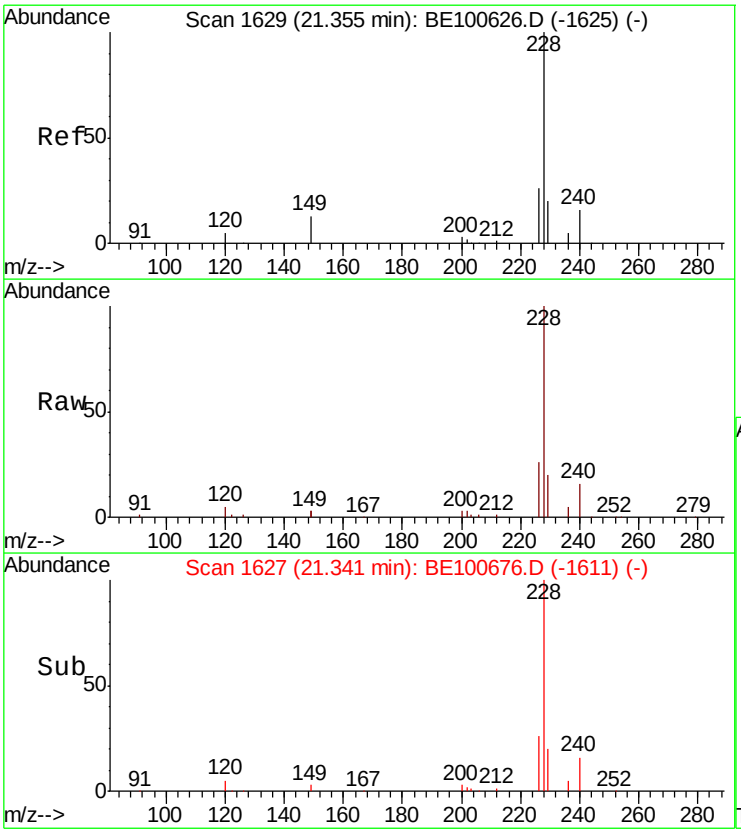
#29
Terphenyl-d14
Concen: 0.444 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 25708

Ion	Ratio	Lower	Upper
244	100		
212	29.1	23.7	35.5
122	8.1	7.9	11.9

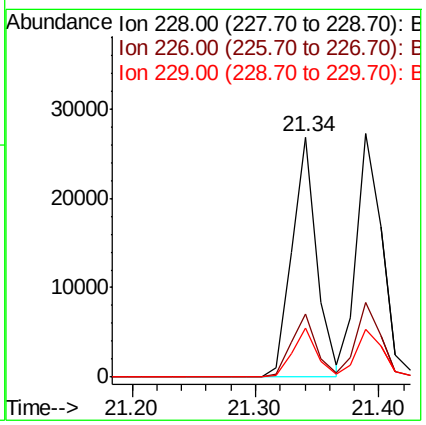


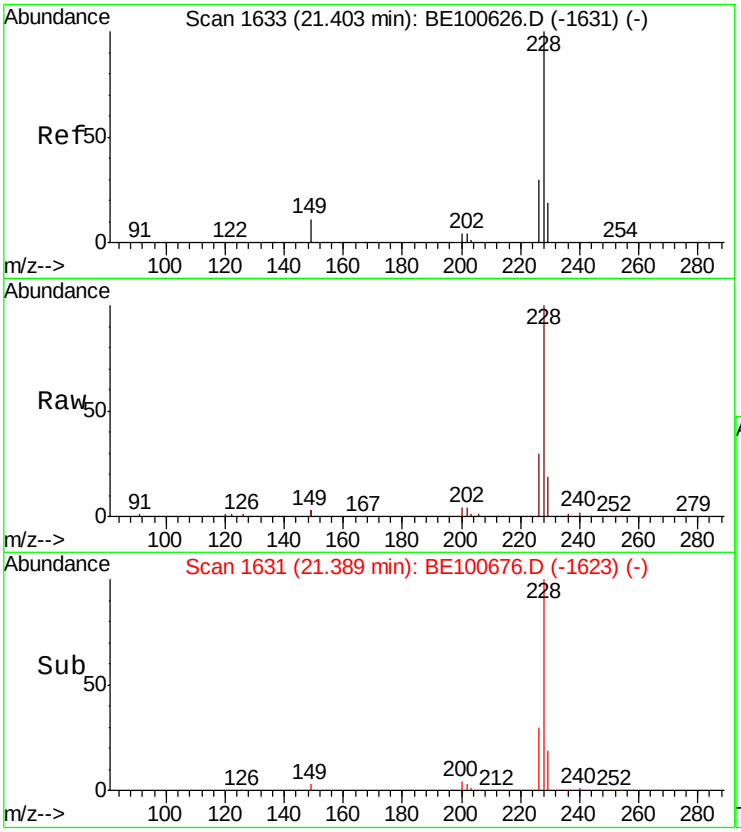


#30
Benzo(a)anthracene
Concen: 0.430 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:228 Resp: 37184

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.0
229	20.3	16.0	24.0



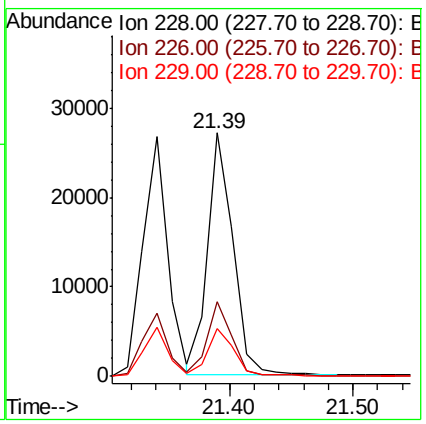


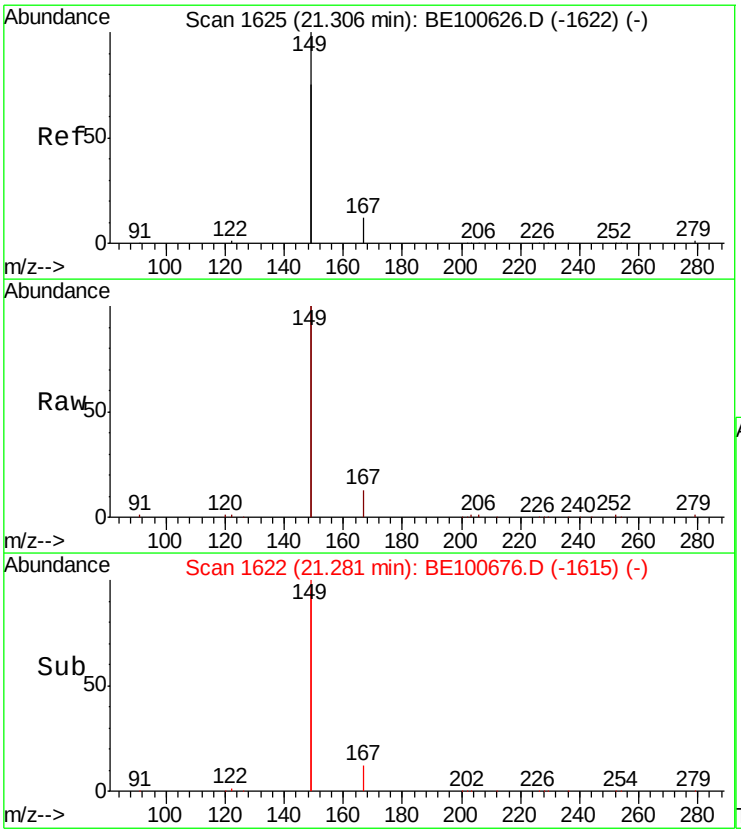
#31
Chrysene
Concen: 0.446 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 38488

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.4	15.8	23.8

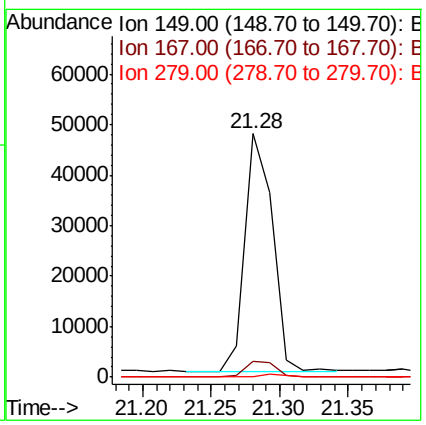


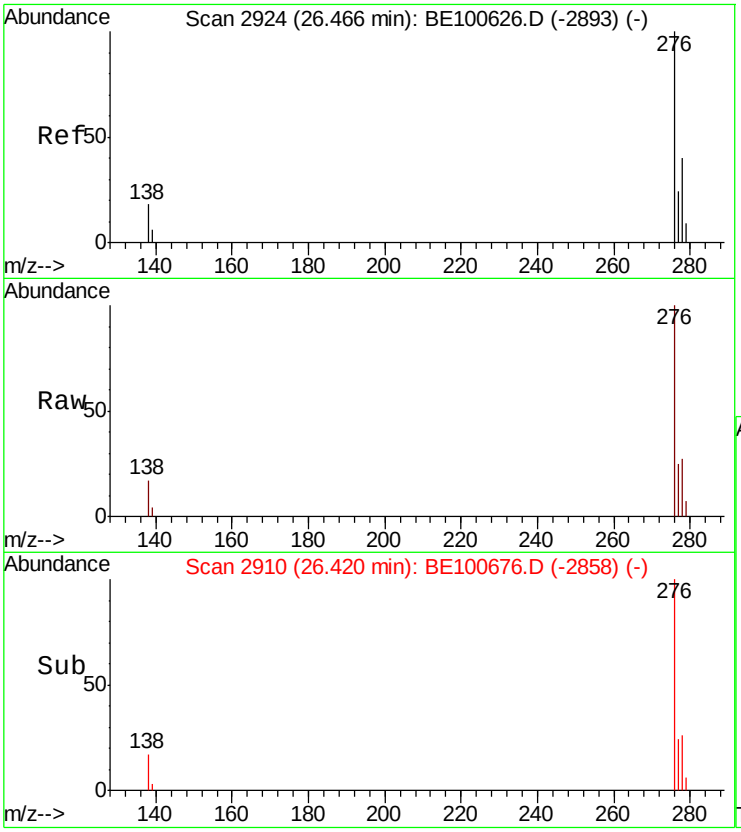


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.364 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:149 Resp: 65840

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.0	0.9	1.3



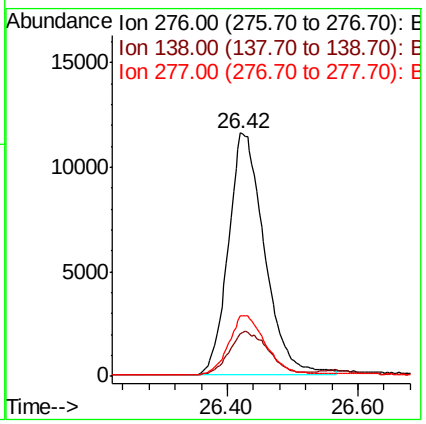


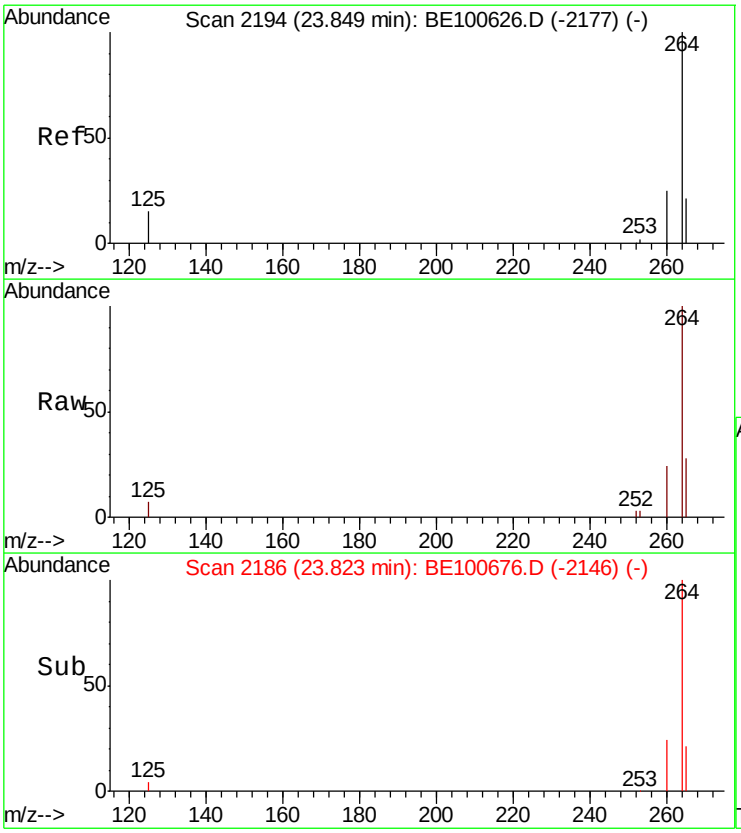
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 26.42 min Scan# 2910
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 44665

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.3	22.9
277	24.9	19.4	29.2

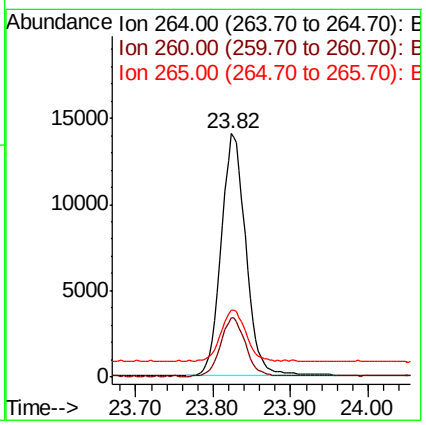


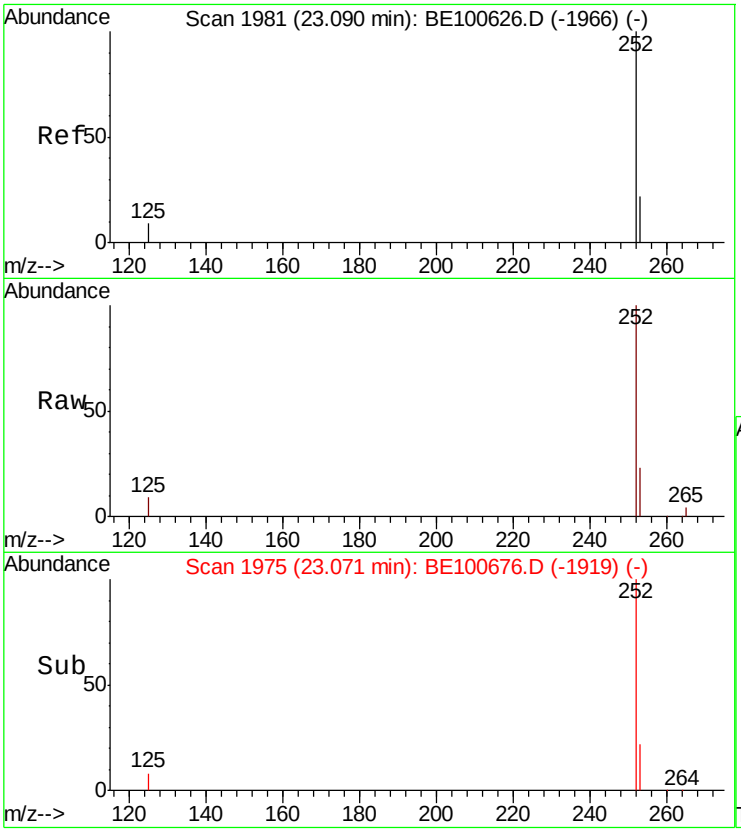


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:264 Resp: 31293

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	27.6	21.7	32.5



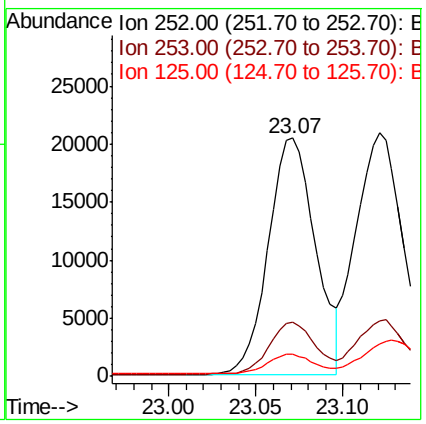


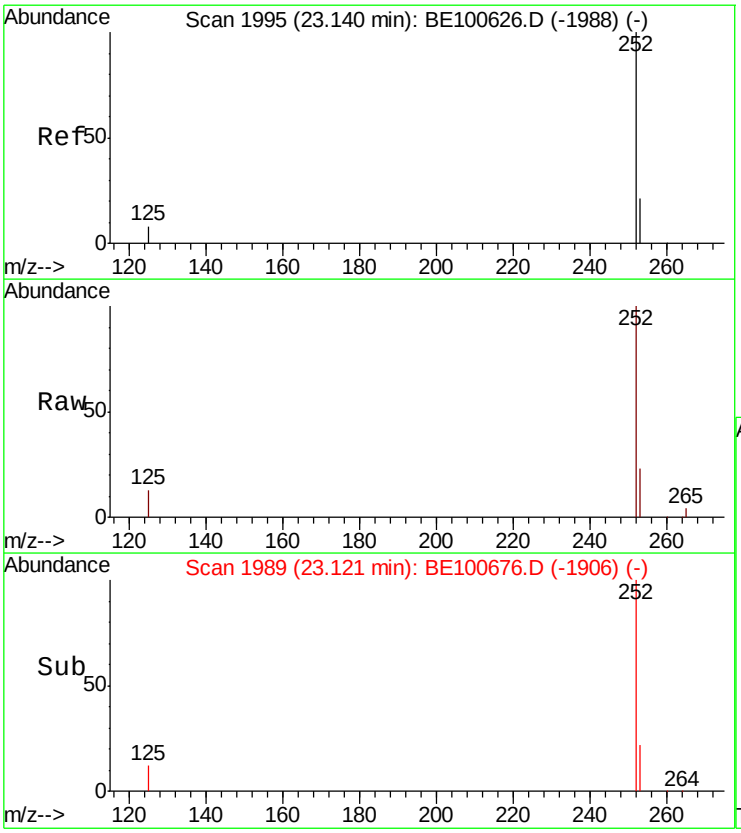
#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38332

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	9.1	7.6	11.4

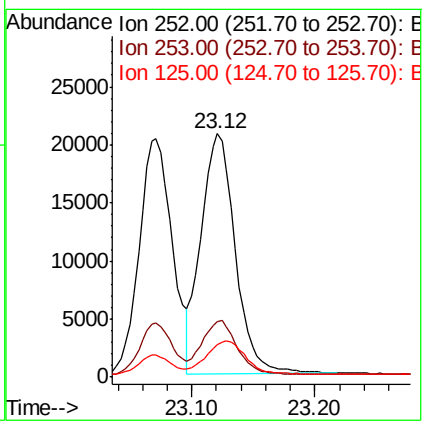


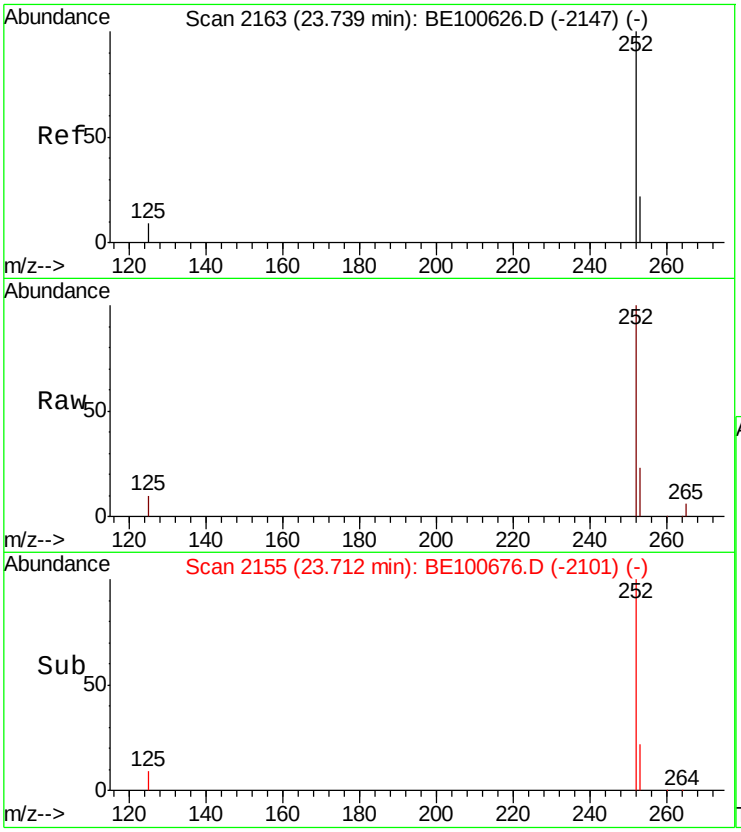


#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:252 Resp: 40076

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	13.1	11.6	17.4



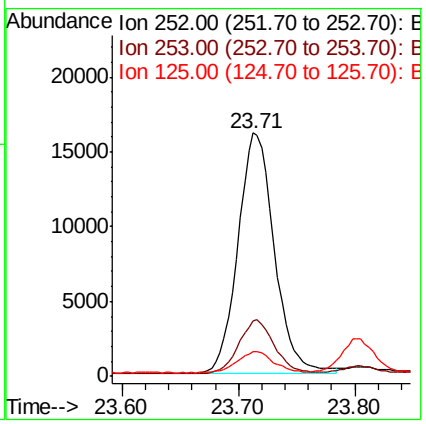


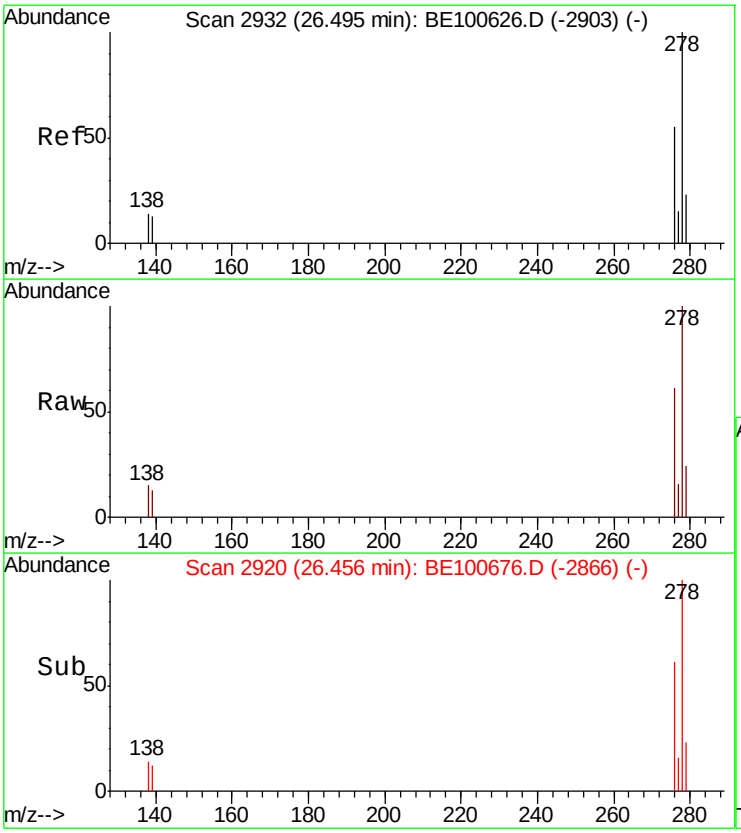
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.71 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35117

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	10.3	8.2	12.4

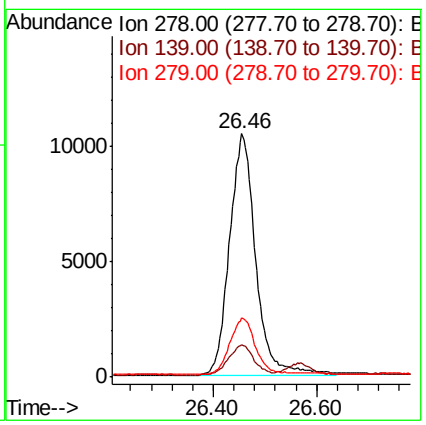


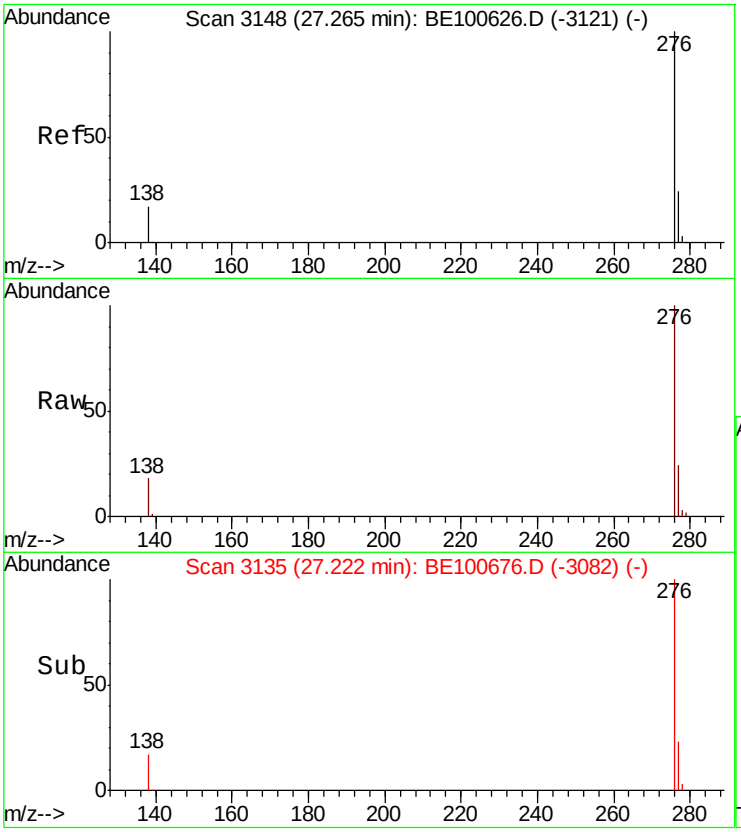


#38
Dibenzo(a,h)anthracene
Concen: 0.423 ng
RT: 26.46 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Tgt Ion:278 Resp: 37157

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.9	16.3
279	24.4	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.429 ng
RT: 27.22 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BE100676.D
Acq: 28 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 37839

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	17.6	13.6	20.4