Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100673.D
Acq On : 23 Oct 2019 22:09
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 24 01:34:51 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	3764	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15626	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10166	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24687	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	34862	0.40	ng	0.00
34) Perylene-d12	23.83	264	42093	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	4653	0.40	ng	0.00
5) Phenol-d6	7.01	99	6670	0.41	ng	0.00
8) Nitrobenzene-d5	8.99	82	5116	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9270	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1419	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	15293	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	119688	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	31468	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	2348	0.350	ng	91
3) n-Nitrosodimethylamine	3.69	42	2364	0.333	ng	89
6) bis(2-Chloroethyl)ether	7.27	93	4866	0.362	ng	97
9) Naphthalene	10.68	128	62079	0.378	ng	99
10) Hexachlorobutadiene	10.98	225	2770	0.388	ng	98
12) 2-Methylnaphthalene	12.30	142	10391	0.371	ng	99
16) Acenaphthylene	14.18	152	15727	0.360	ng	99
17) Acenaphthene	14.53	154	10341	0.366	ng	99
18) Fluorene	15.50	166	13750	0.366	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	4587	0.365	ng	93
21) Hexachlorobenzene	16.51	284	4483	0.375	ng	100
22) Pentachlorophenol	16.85	266	1916	0.497	ng	97
23) Phenanthrene	17.23	178	26201	0.386	ng	100
24) Anthracene	17.32	178	21534	0.342	ng	99
26) Fluoranthene	19.25	202	35065	0.396	ng	99
28) Pyrene	19.61	202	37011	0.380	ng	100
30) Benzo(a)anthracene	21.34	228	41189	0.362	ng	100
31) Chrysene	21.39	228	43420	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	85957	0.361	ng	100
33) Indeno(1,2,3-cd)pyrene	26.43	276	50305	0.360	ng	99
35) Benzo(b)fluoranthene	23.07	252	43452	0.354	ng	99
36) Benzo(k)fluoranthene	23.12	252	45995	0.364	ng	100
37) Benzo(a)pyrene	23.71	252	40064	0.351	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	41302	0.350	ng	100
39) Benzo(g,h,i)perylene	27.23	276	42510	0.358	ng	98

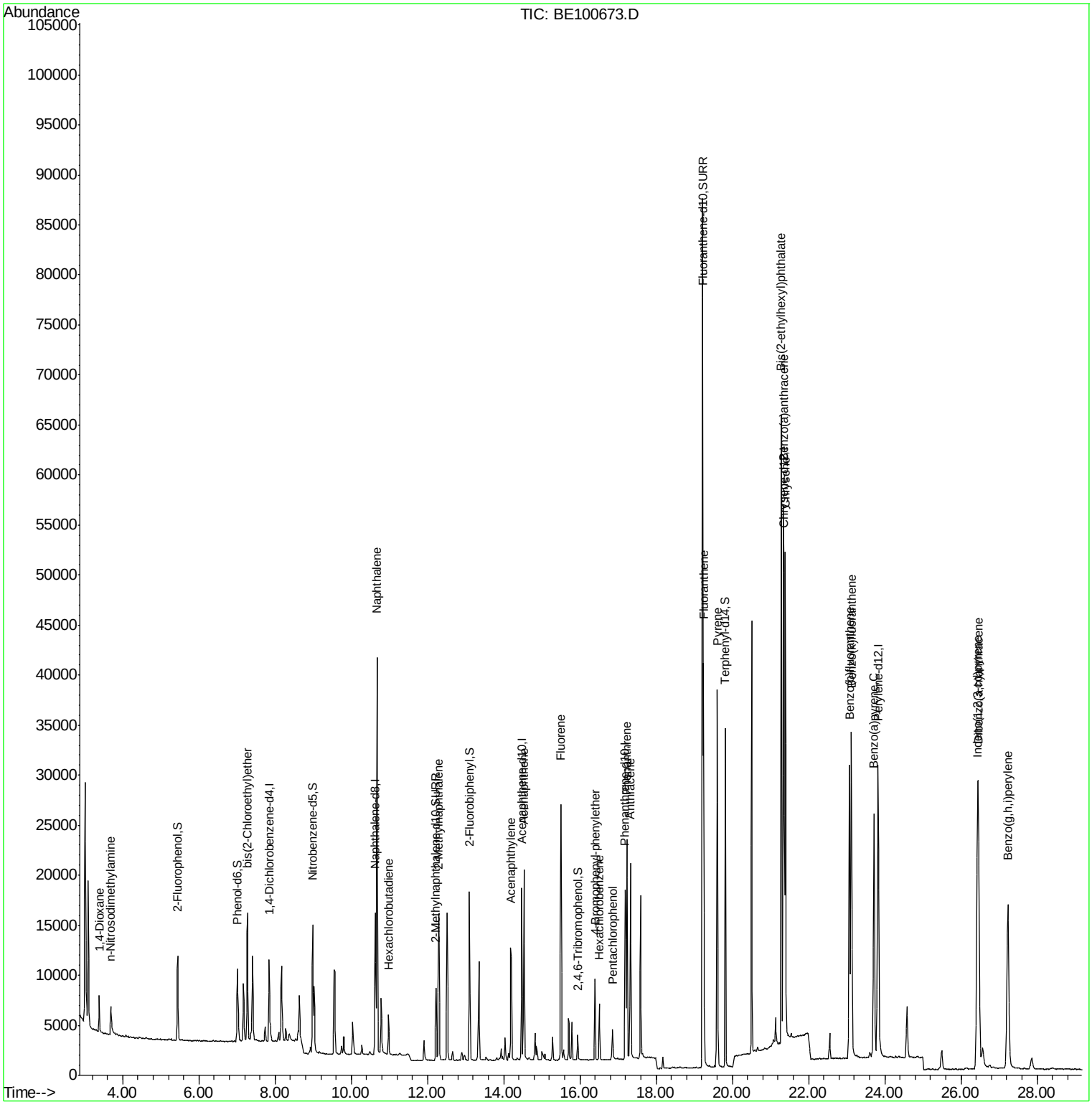
(#) = qualifier out of range (m) = manual integration (+) = signals summed

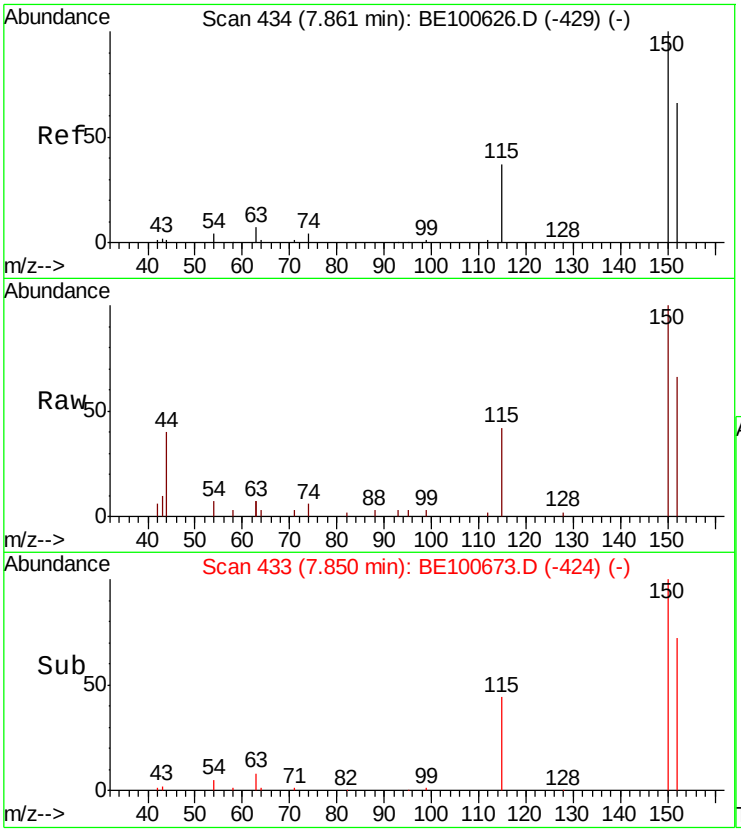
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100673.D
Acq On : 23 Oct 2019 22:09
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 24 01:34:51 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



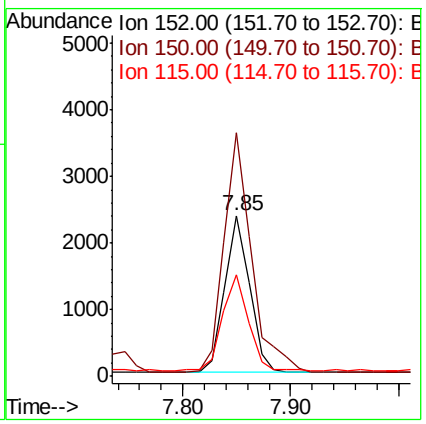


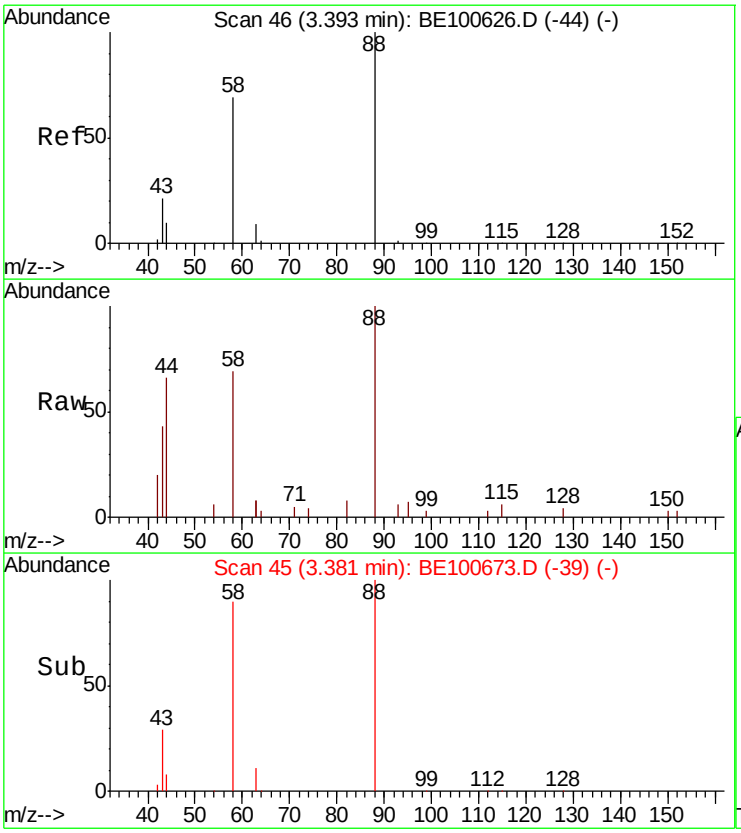
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3764

Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.3	184.9
115	63.3	51.9	77.9

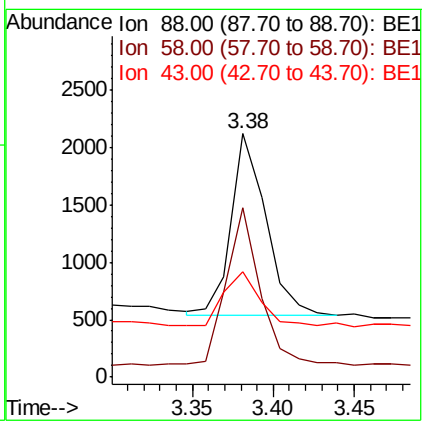


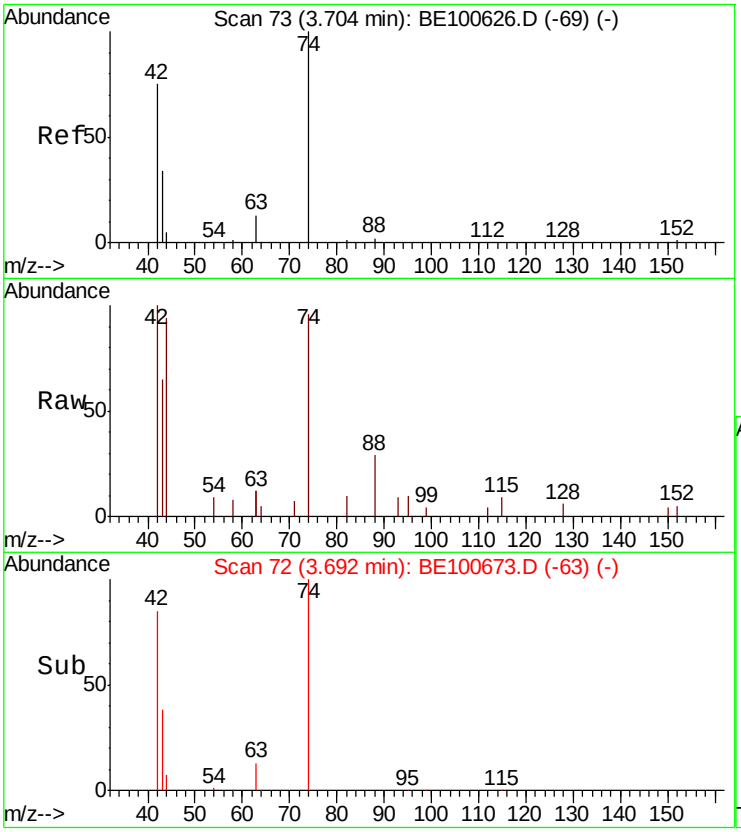


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion: 88 Resp: 2348

Ion	Ratio	Lower	Upper
88	100		
58	83.4	59.8	89.6
43	33.4	24.6	36.8



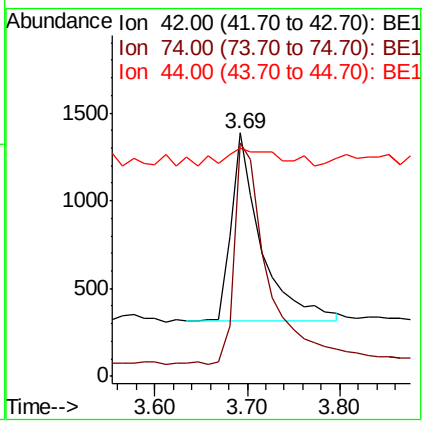


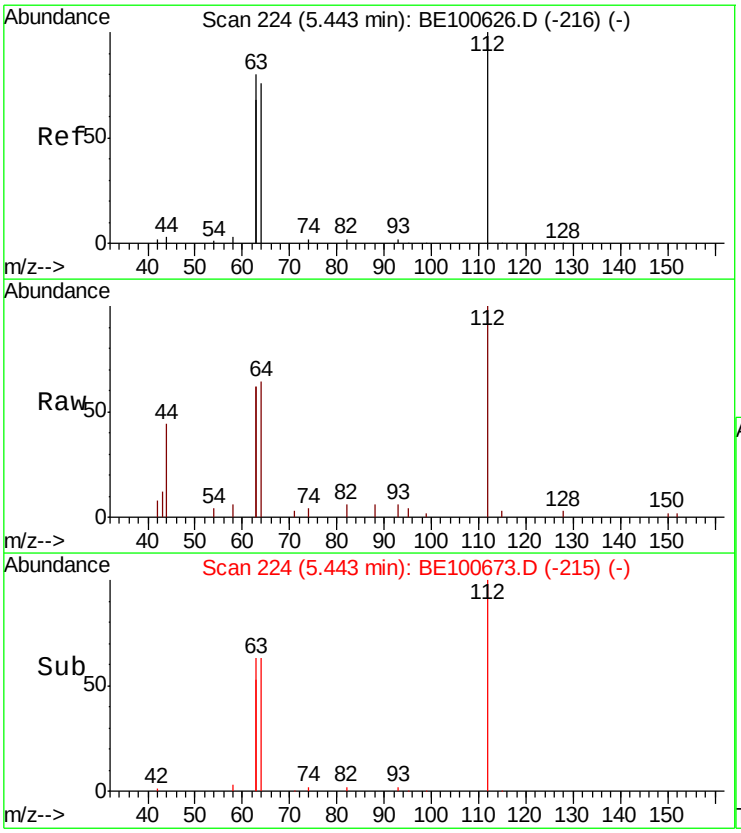
#3
n-Nitrosodimethylamine
Concen: 0.333 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2364

Ion	Ratio	Lower	Upper
42	100		
74	134.1	97.2	145.8
44	17.3	16.6	24.8

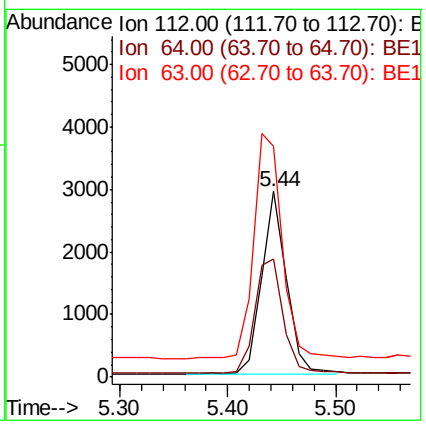


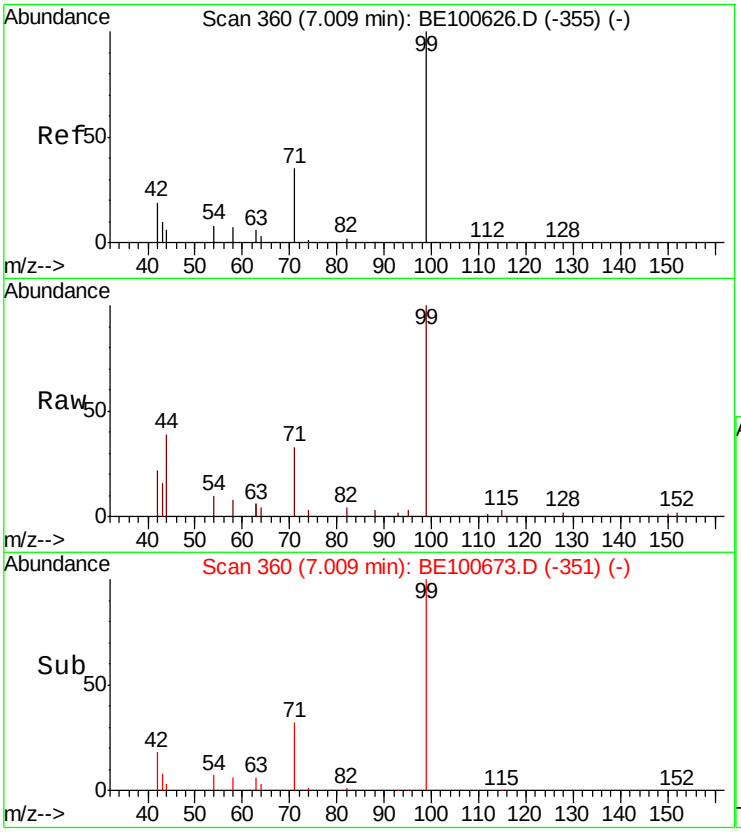


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:112 Resp: 4653

Ion	Ratio	Lower	Upper
112	100		
64	71.5	55.4	83.2
63	142.0	114.2	171.4



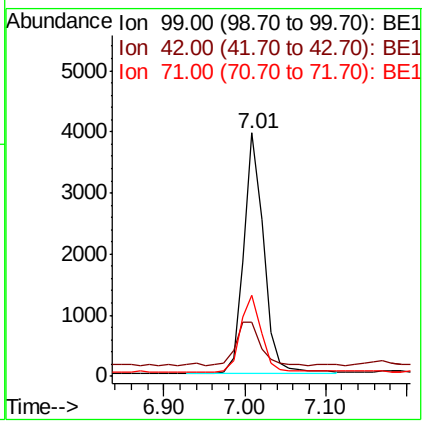


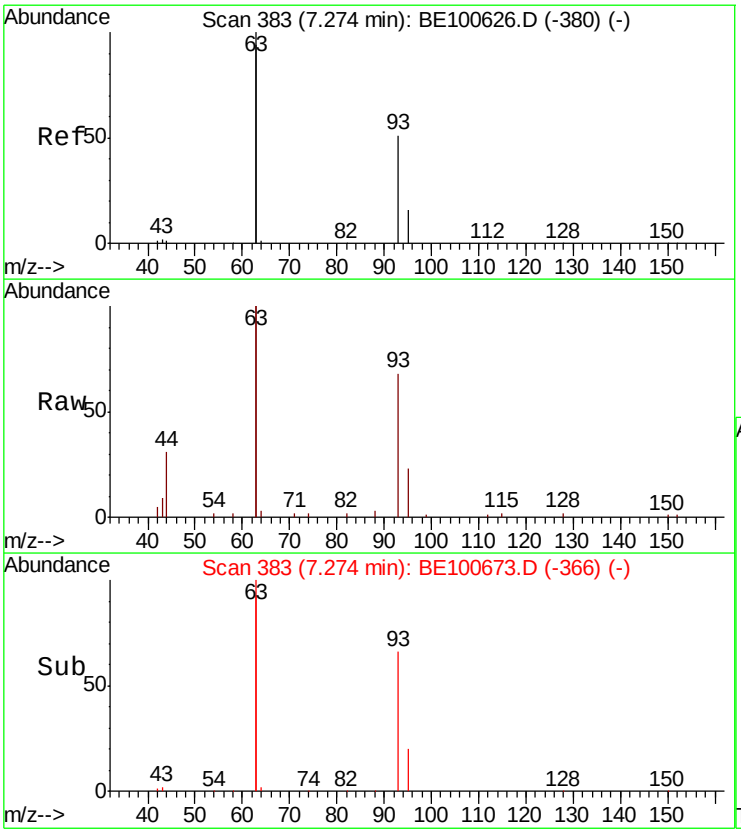
#5
Phenol-d6
Concen: 0.407 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6670

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.7	26.5
71	34.0	27.4	41.0

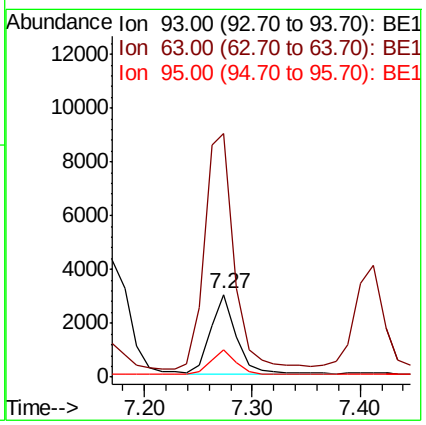


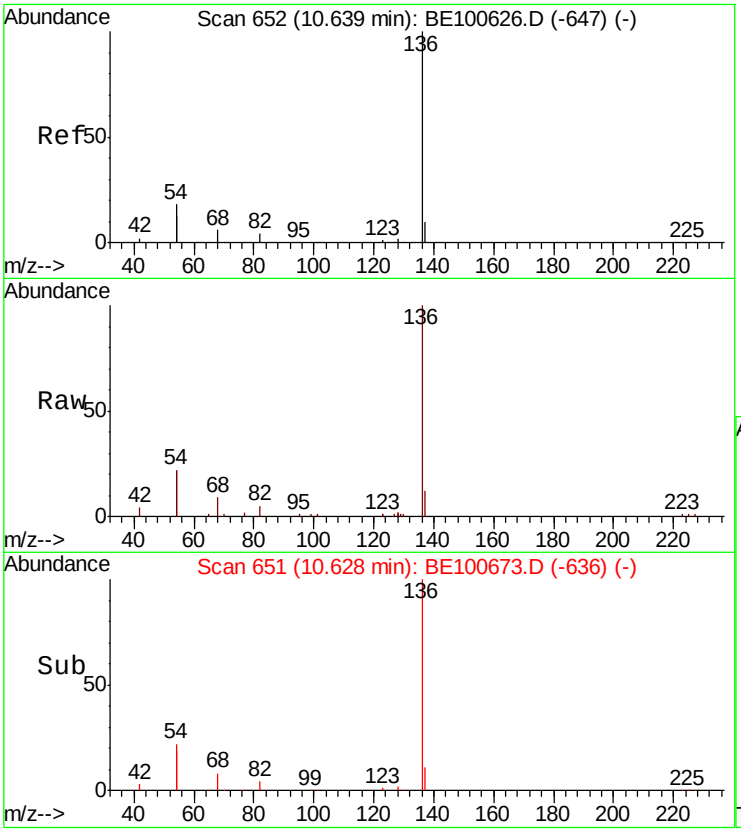


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion: 93 Resp: 4866

Ion	Ratio	Lower	Upper
93	100		
63	341.7	268.8	403.2
95	31.5	25.6	38.4



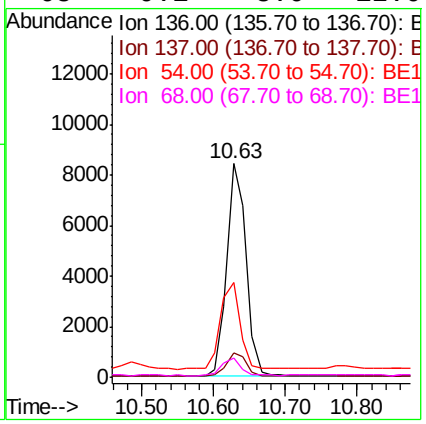


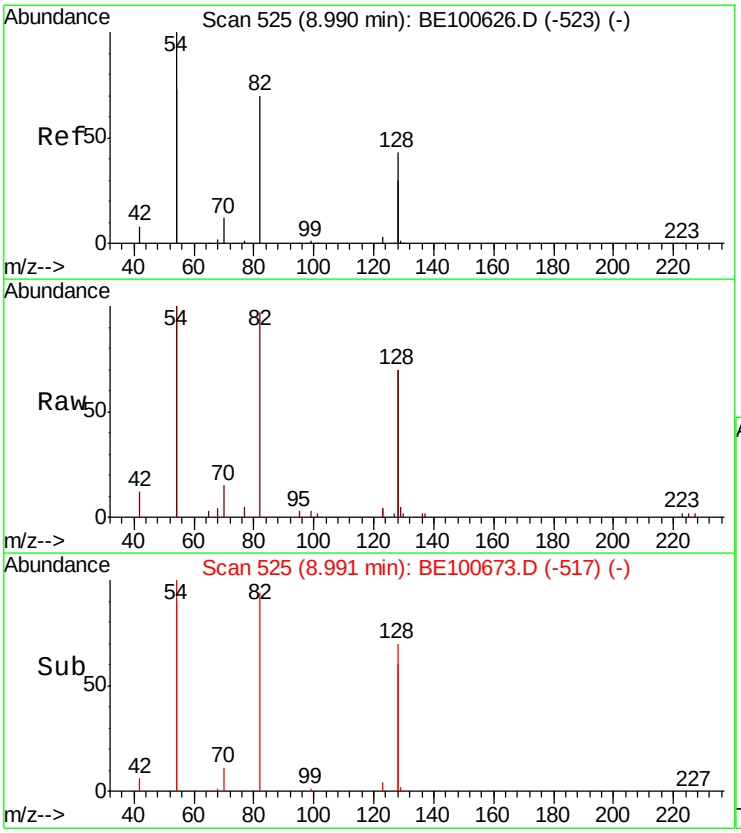
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15626

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	44.5	39.4	59.2
68	9.1	8.0	12.0

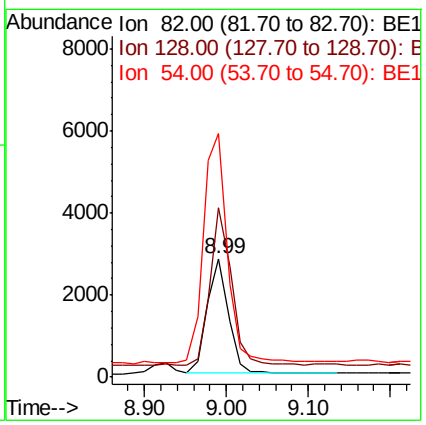


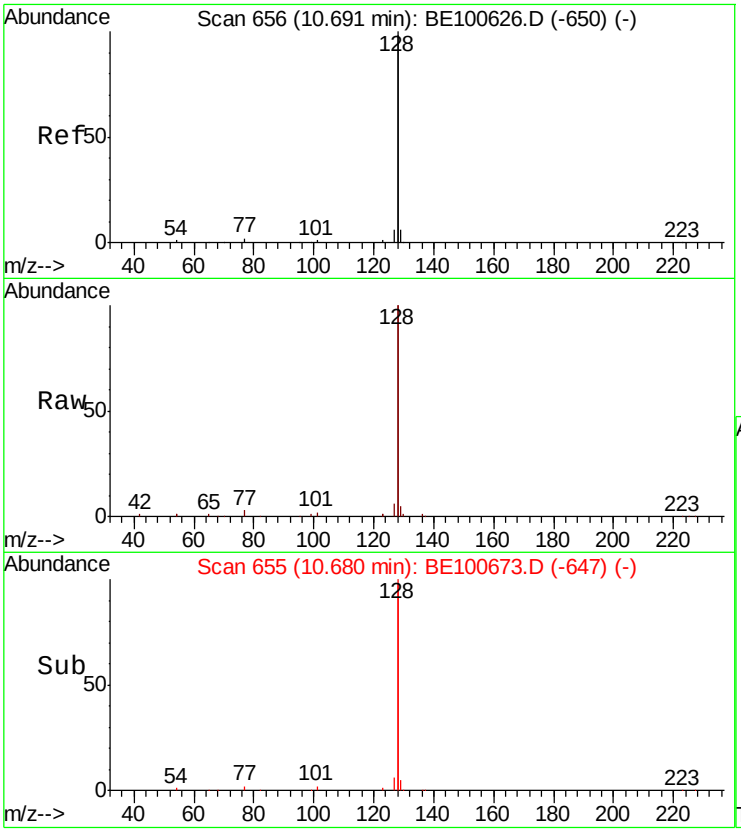


#8
Nitrobenzene-d5
Concen: 0.528 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion: 82 Resp: 5116

Ion	Ratio	Lower	Upper
82	100		
128	143.1	107.8	161.8
54	205.3	166.1	249.1



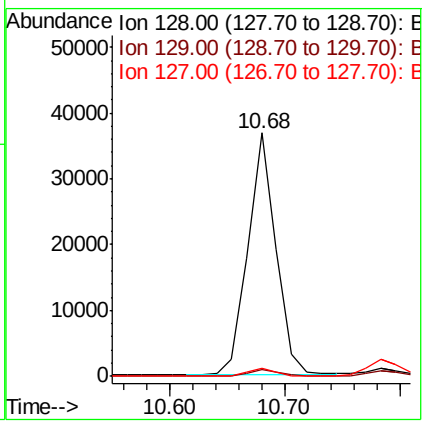


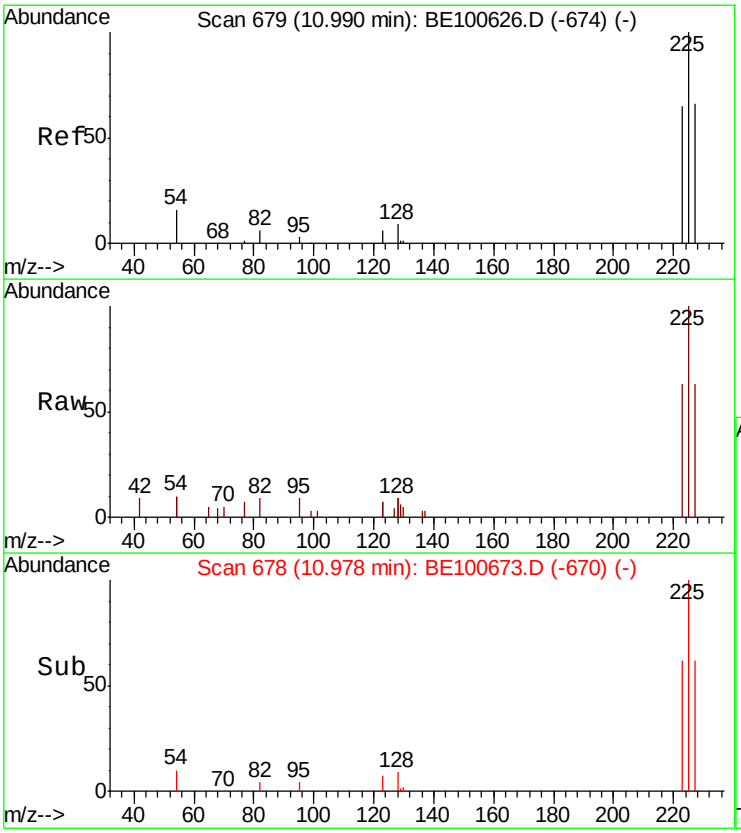
#9
Naphthalene
Concen: 0.378 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 62079

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.2	2.7	4.1

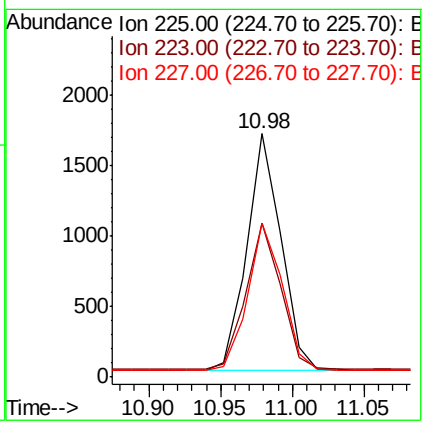


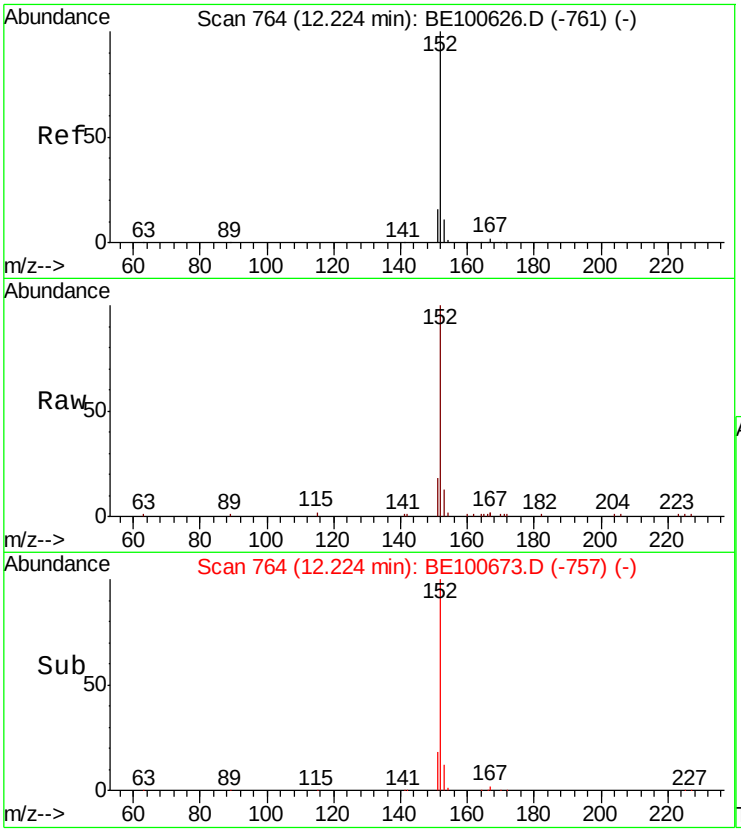


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:225 Resp: 2770

Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.6	72.8
227	63.3	51.6	77.4



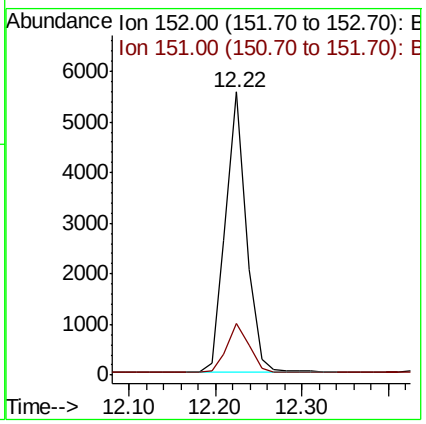


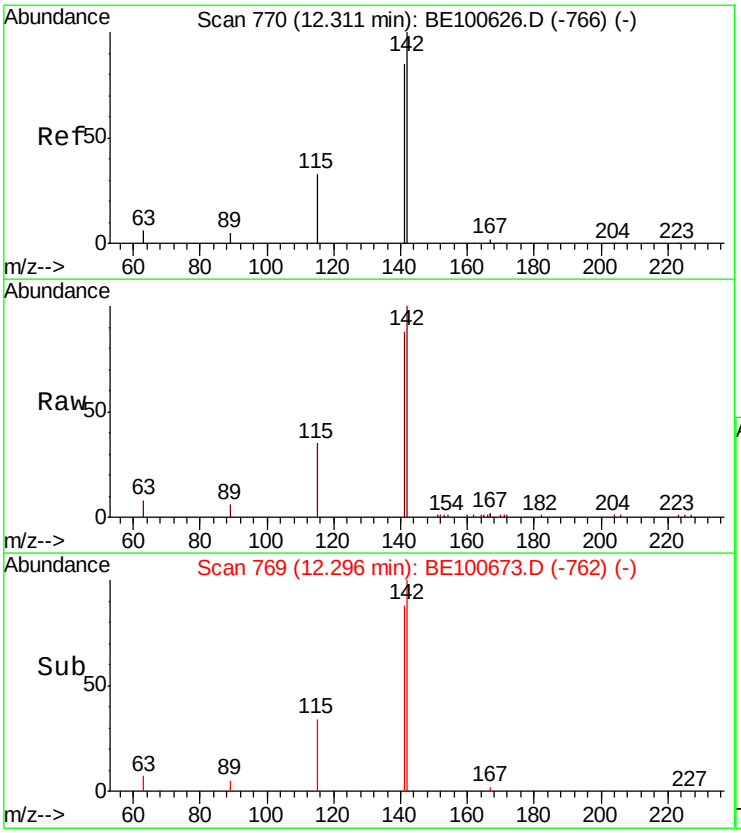
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9270

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.7	22.1

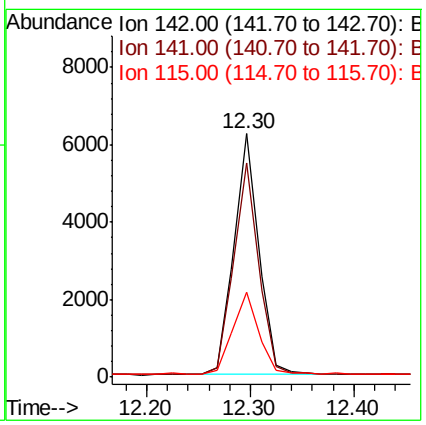


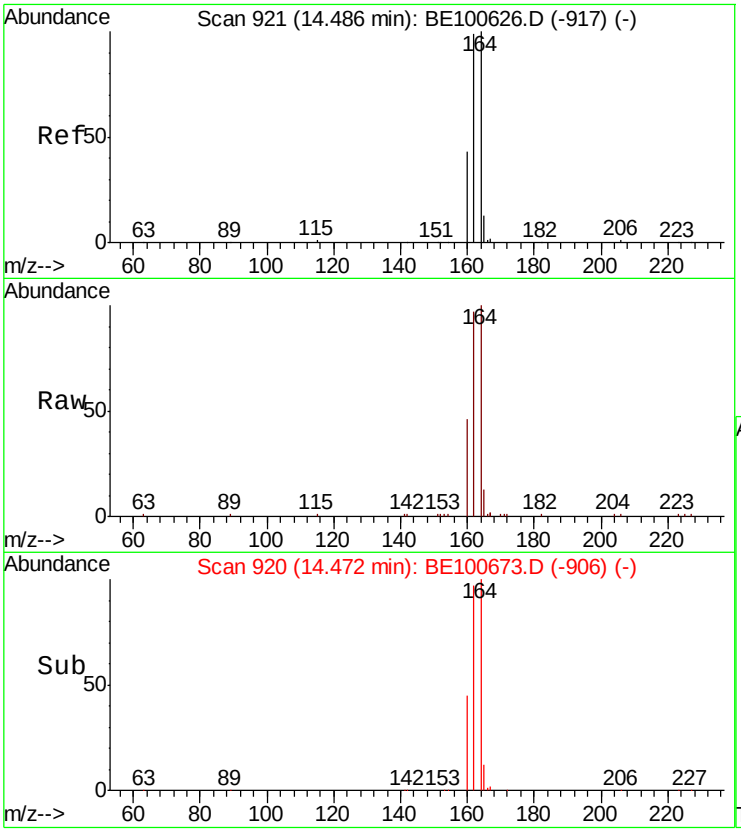


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:142 Resp: 10391

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.1	105.1
115	34.9	28.3	42.5



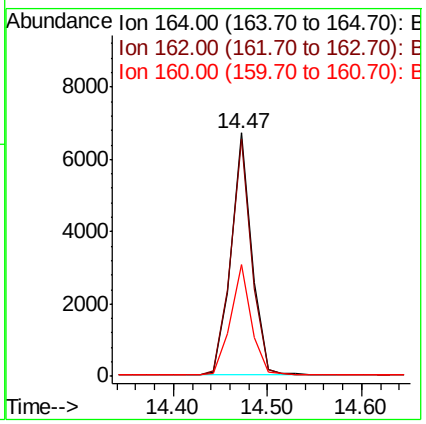


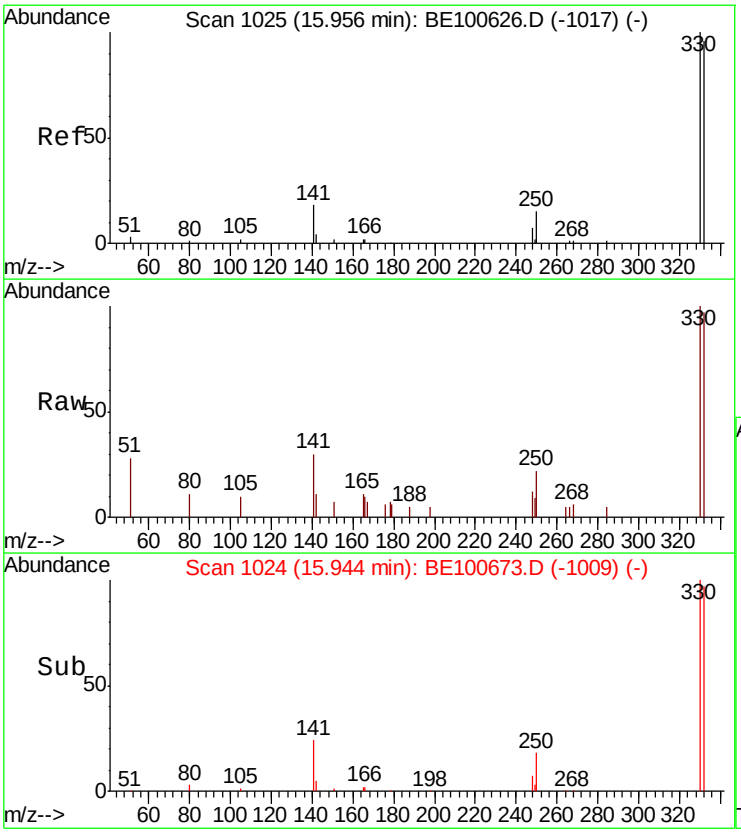
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 10166

Ion	Ratio	Lower	Upper
164	100		
162	97.5	82.0	123.0
160	45.7	37.5	56.3

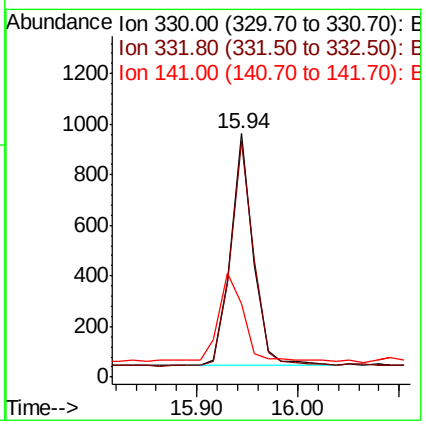


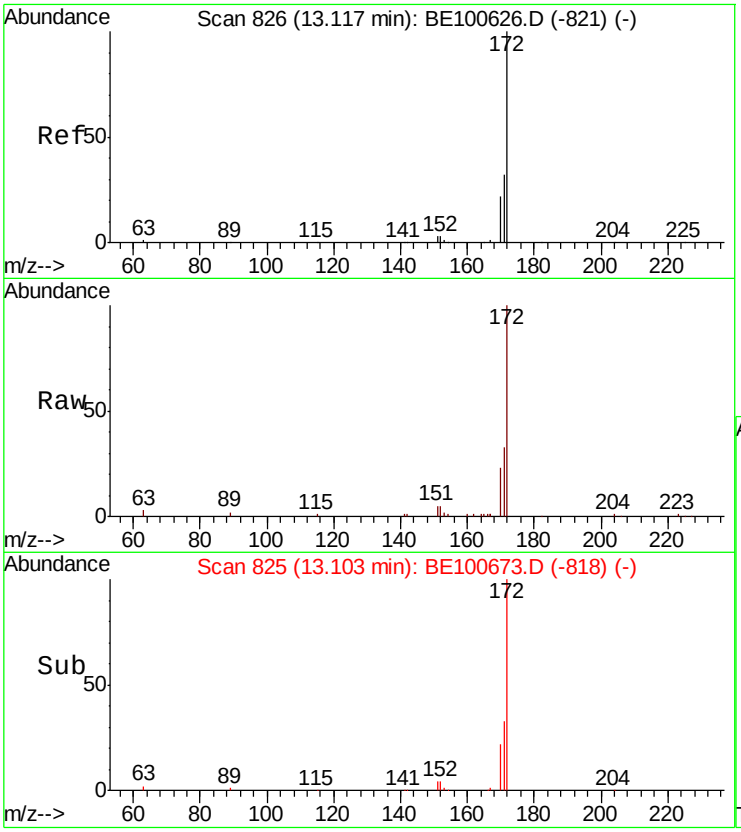


#14
2,4,6-Tribromophenol
Concen: 0.528 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:330 Resp: 1419

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.9	116.9
141	45.5	33.0	49.6



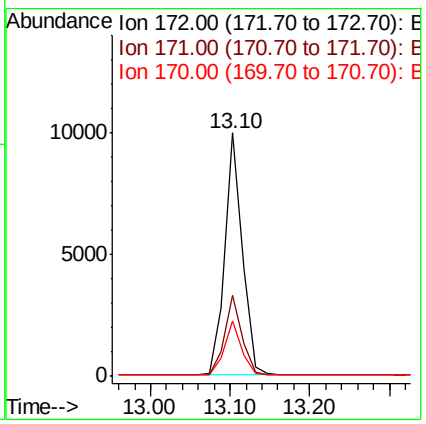


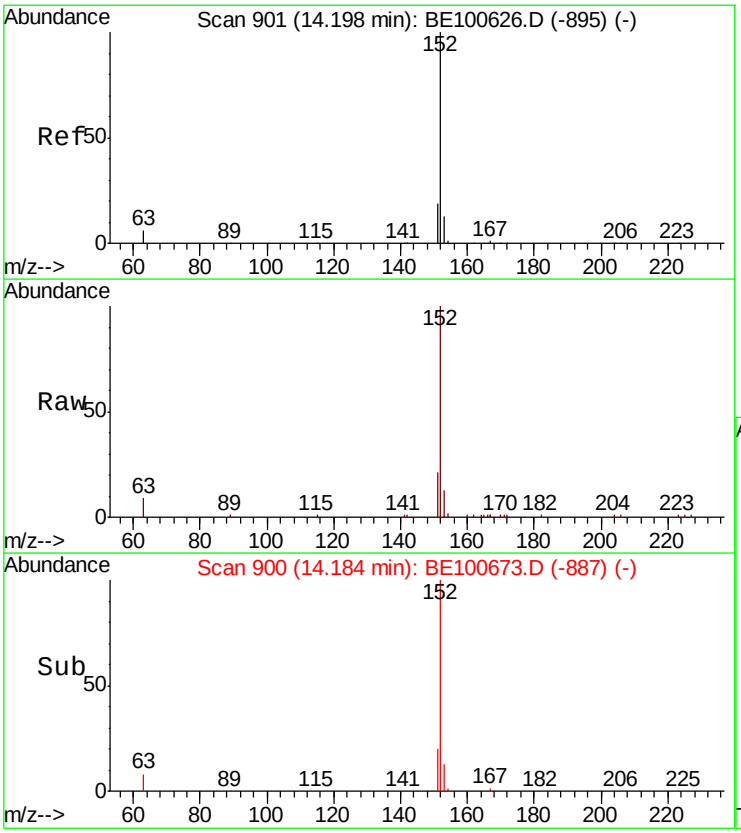
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15293

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.5	39.7
170	22.7	19.0	28.4

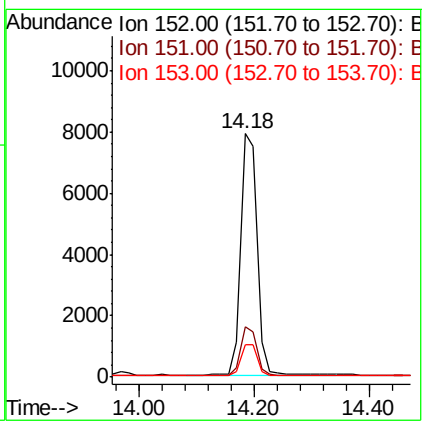


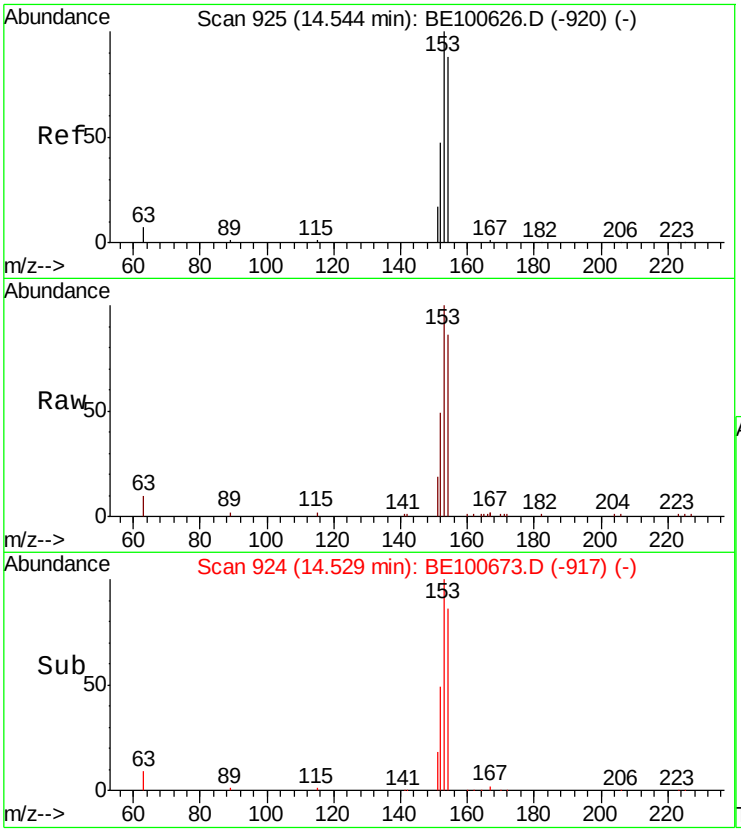


#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:152 Resp: 15727

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.2	22.8
153	12.8	10.3	15.5



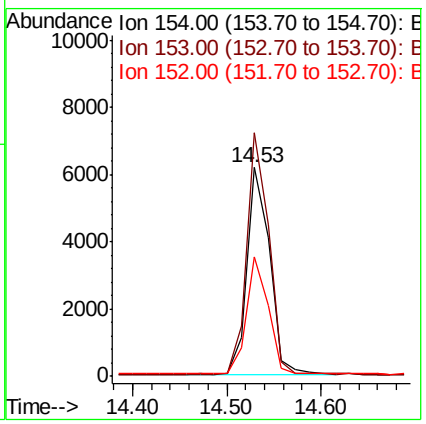


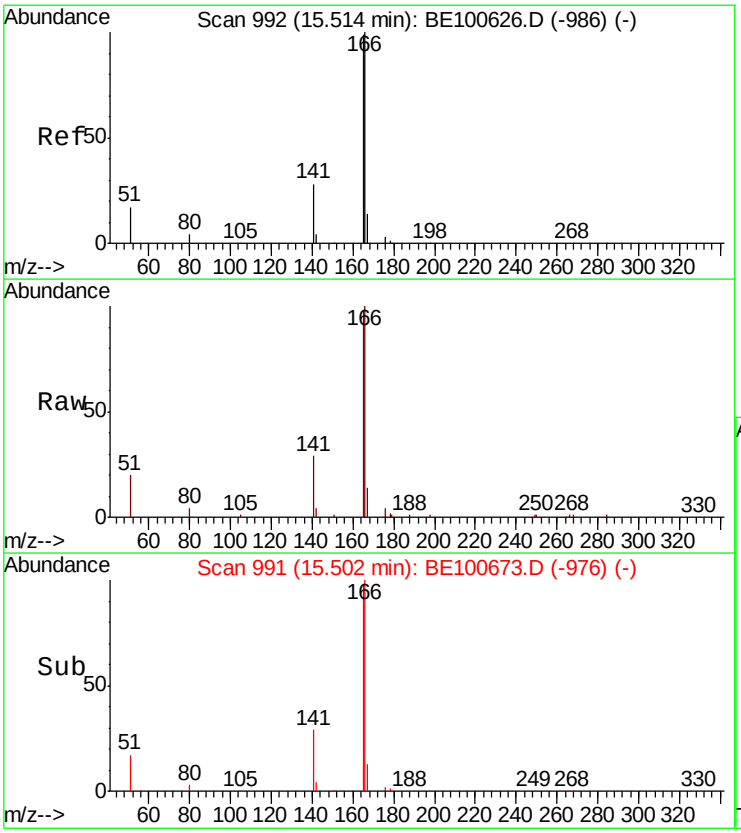
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10341

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.4	134.2
152	54.9	44.1	66.1

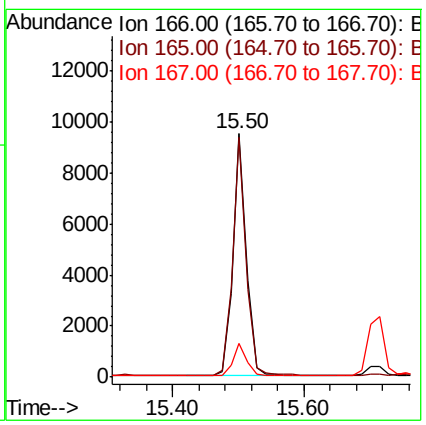


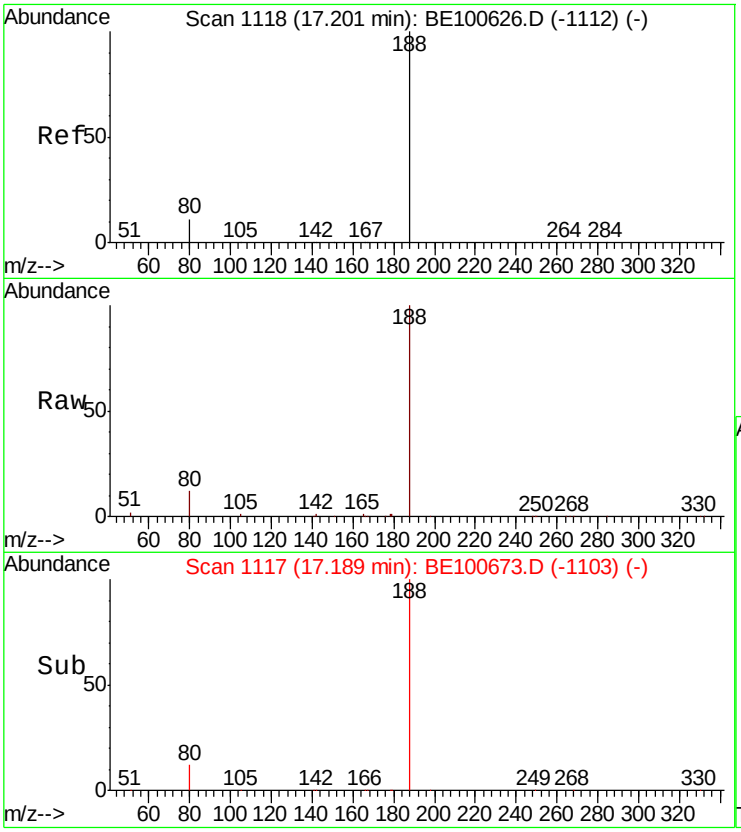


#18
Fluorene
Concen: 0.366 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:166 Resp: 13750

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.3	10.9	16.3



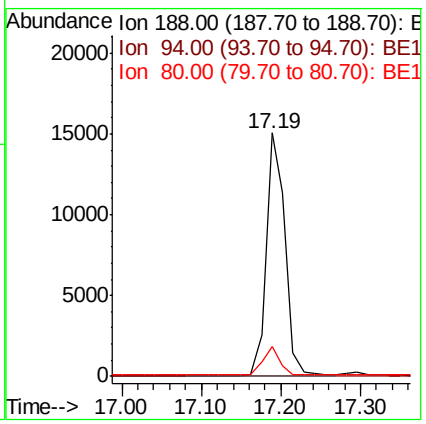


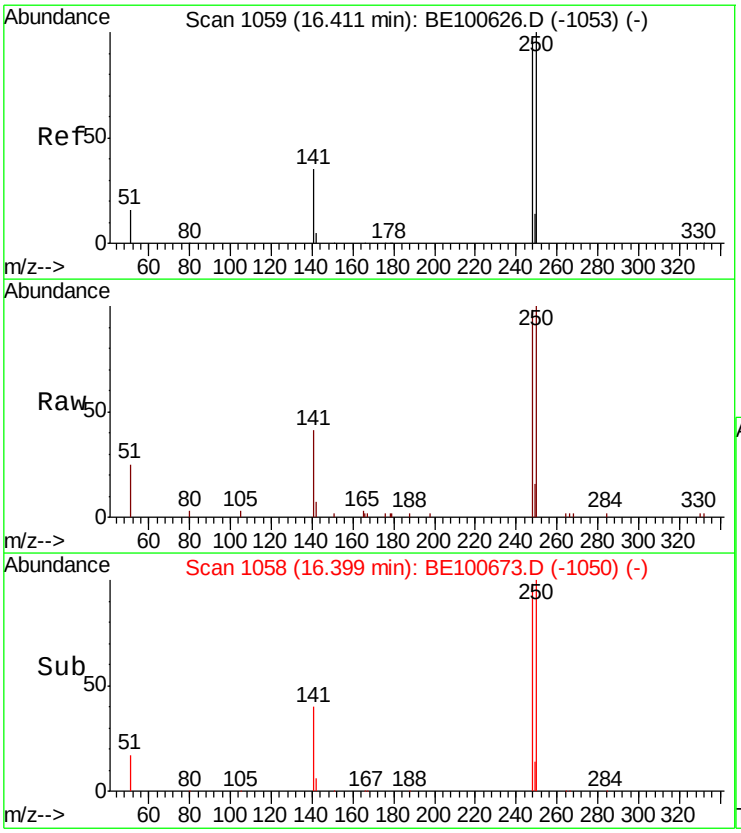
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 24687

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.4	8.0#

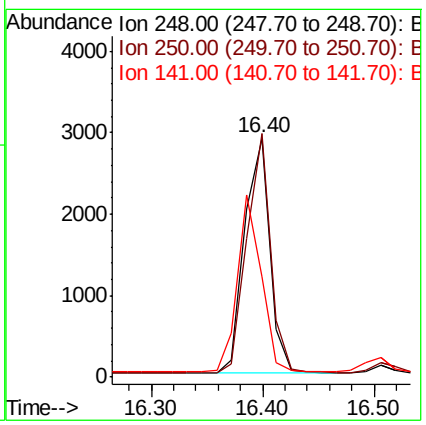


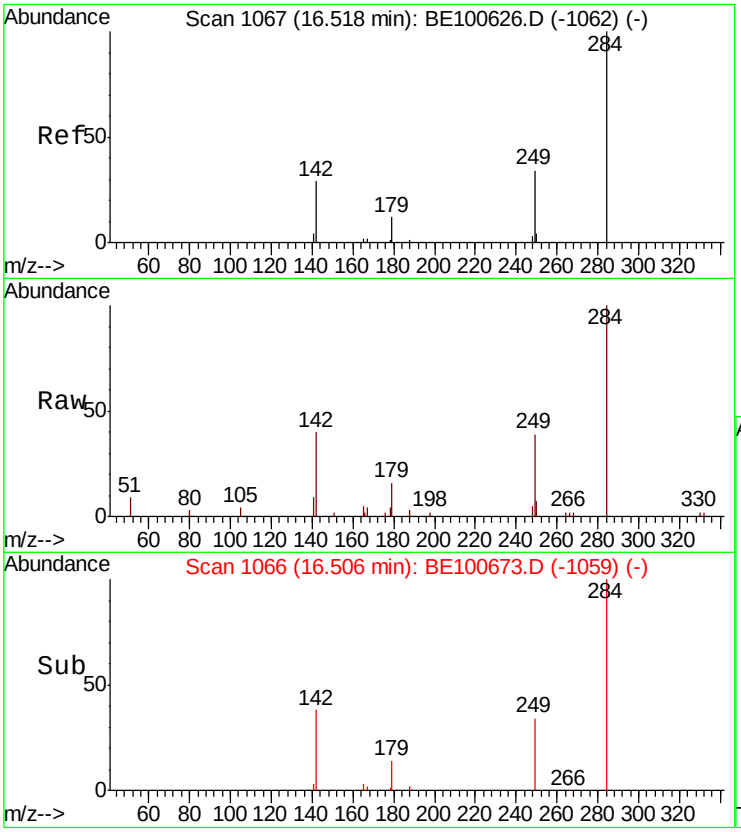


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:248 Resp: 4587

Ion	Ratio	Lower	Upper
248	100		
250	102.0	76.3	114.5
141	42.0	37.3	55.9



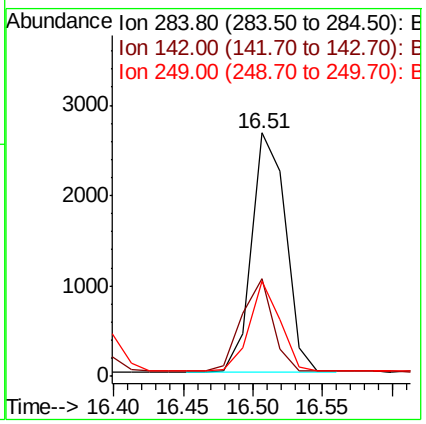


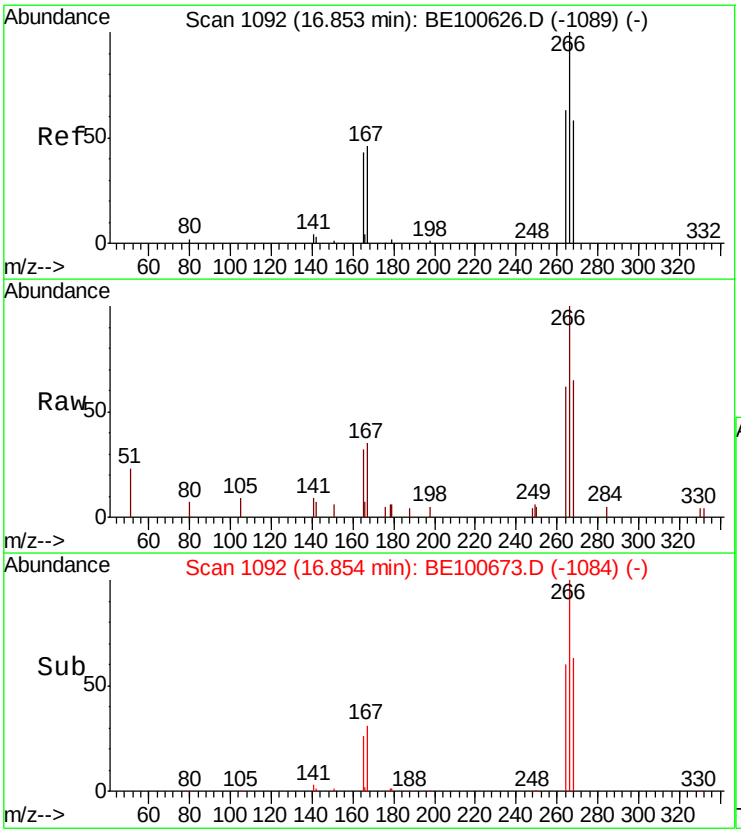
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4483

Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.6	42.8
249	33.0	26.3	39.5

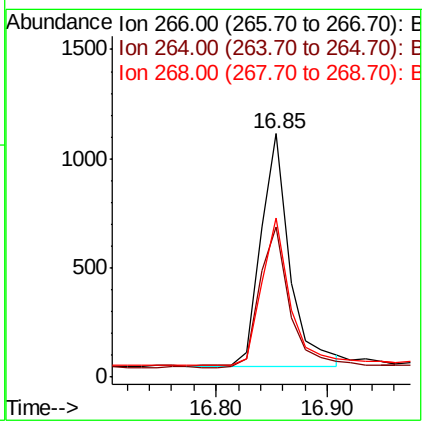


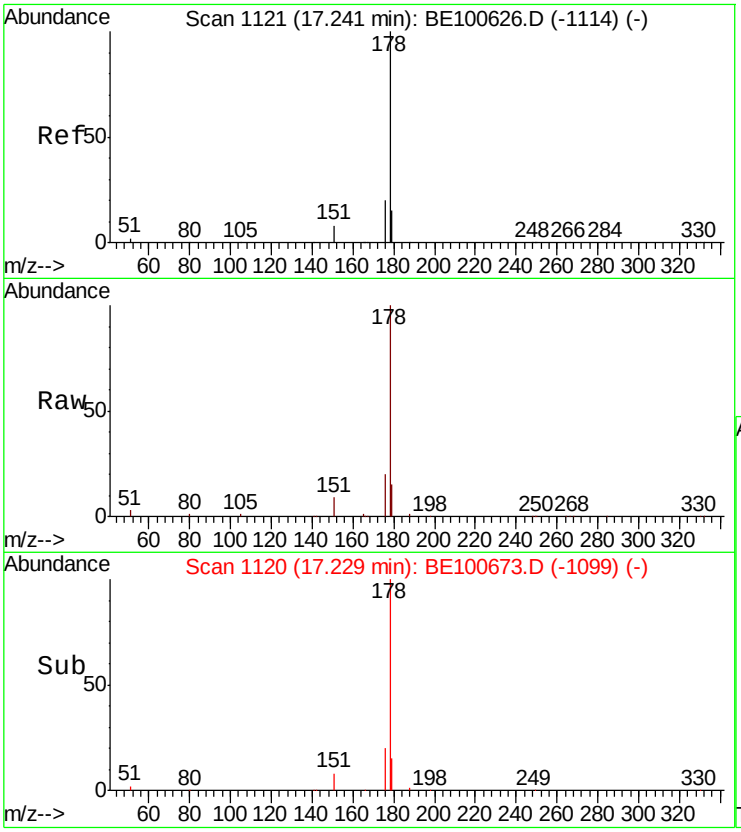


#22
Pentachlorophenol
Concen: 0.497 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:266 Resp: 1916

Ion	Ratio	Lower	Upper
266	100		
264	61.5	52.2	78.4
268	65.2	53.1	79.7



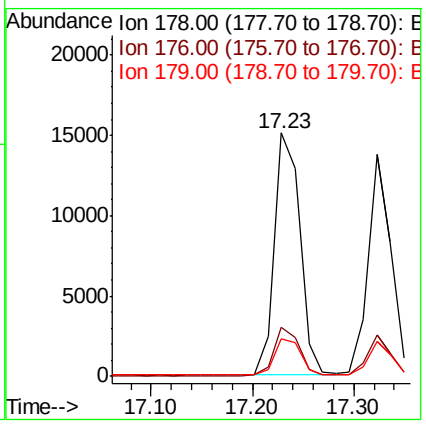


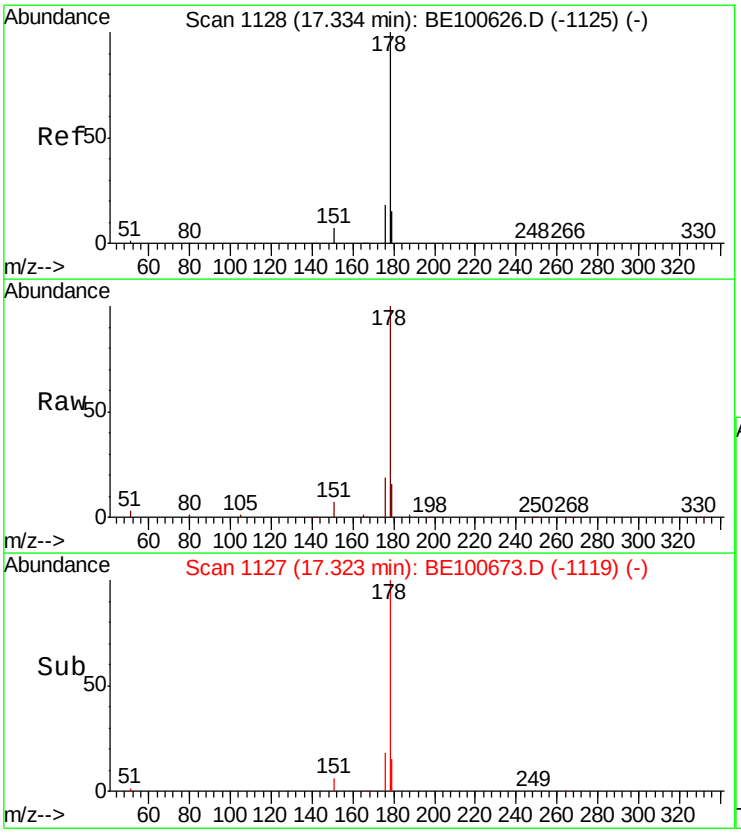
#23
Phenanthrene
Concen: 0.386 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26201

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.1	18.1

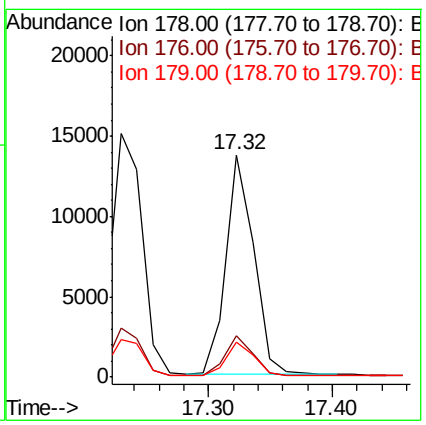


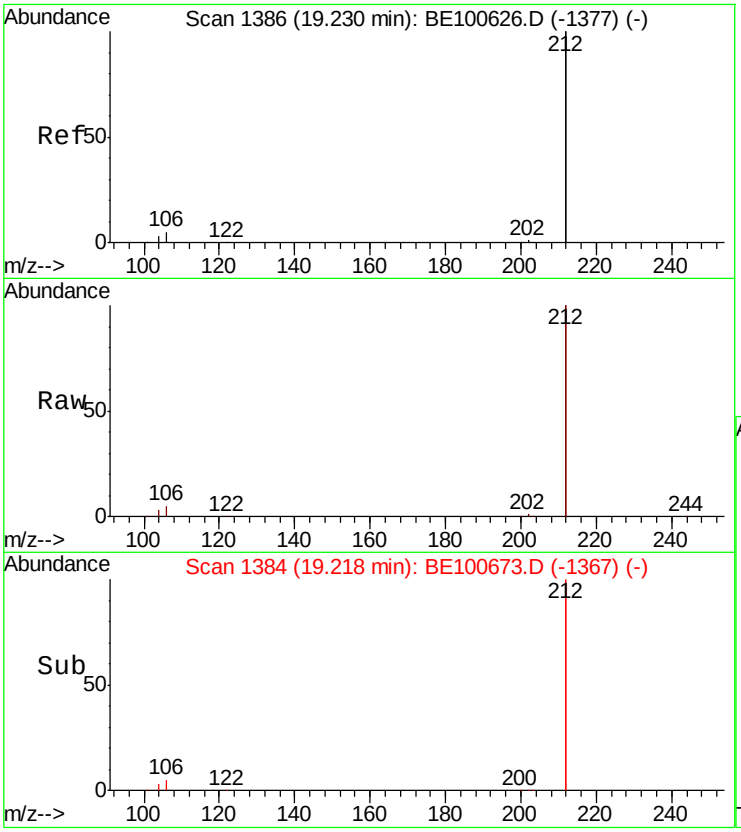


#24
Anthracene
Concen: 0.342 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:178 Resp: 21534

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.4	12.5	18.7



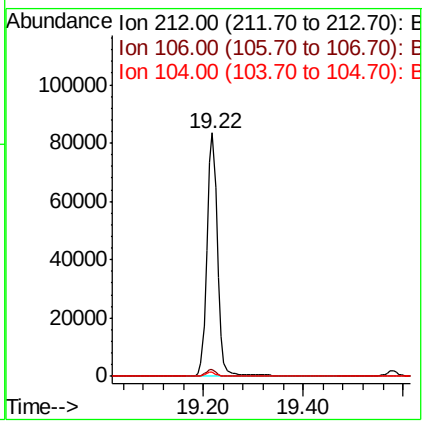


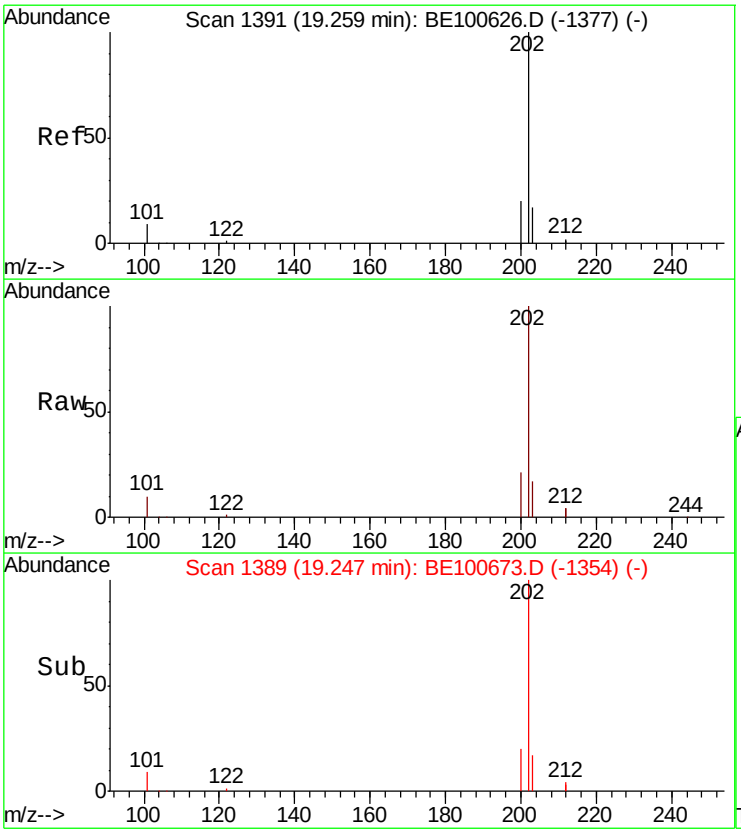
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 119688

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9

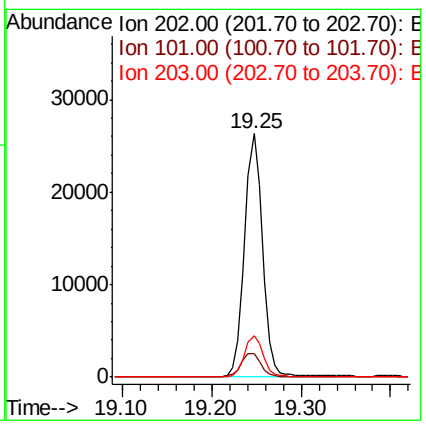


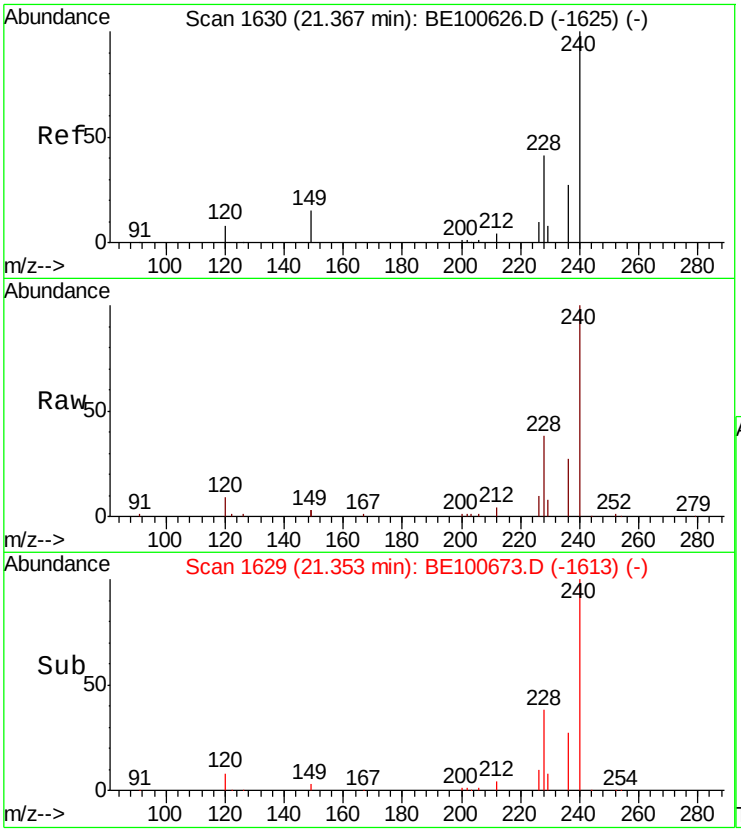


#26
Fluoranthene
Concen: 0.396 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:202 Resp: 35065

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.5	12.7
203	17.0	13.8	20.8



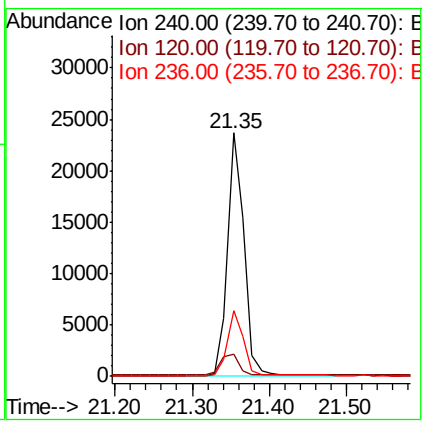


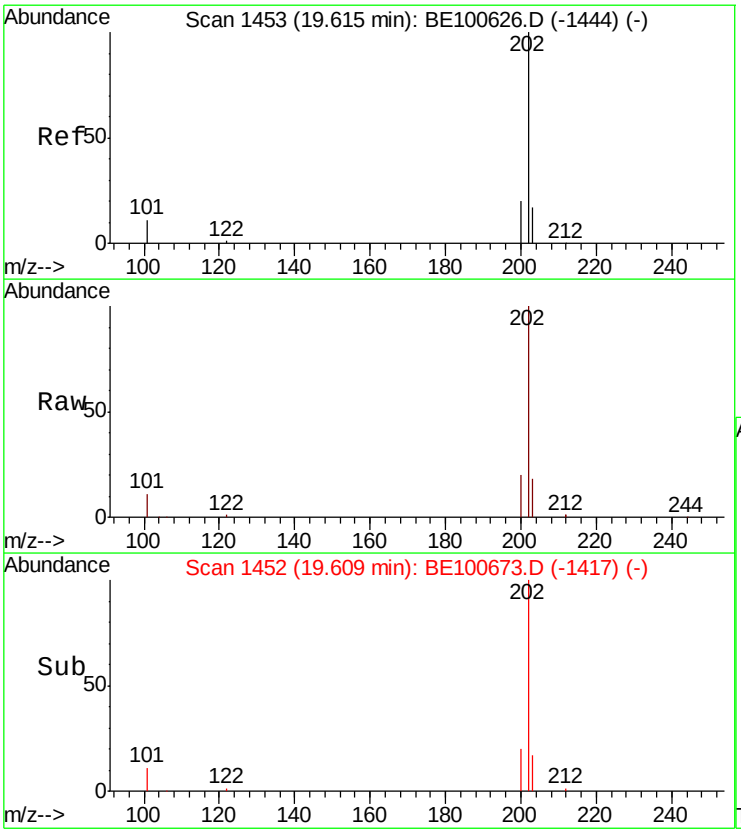
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 34862

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.6	11.4
236	27.1	22.1	33.1

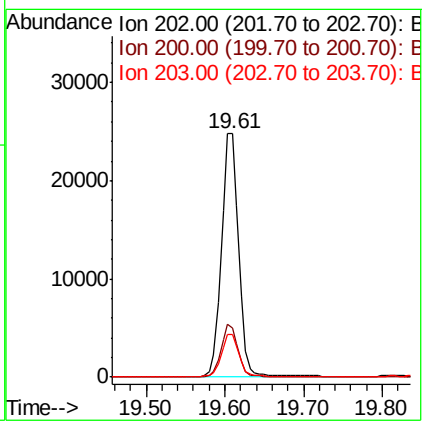


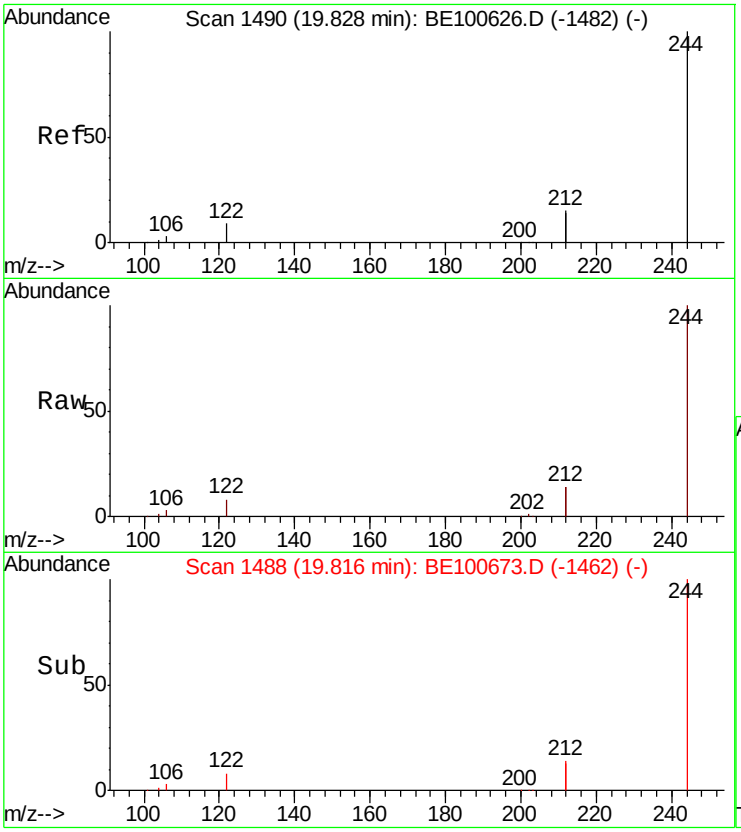


#28
Pyrene
Concen: 0.380 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:202 Resp: 37011

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.8	14.0	21.0



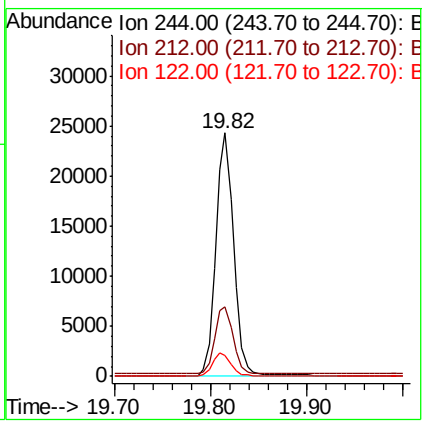


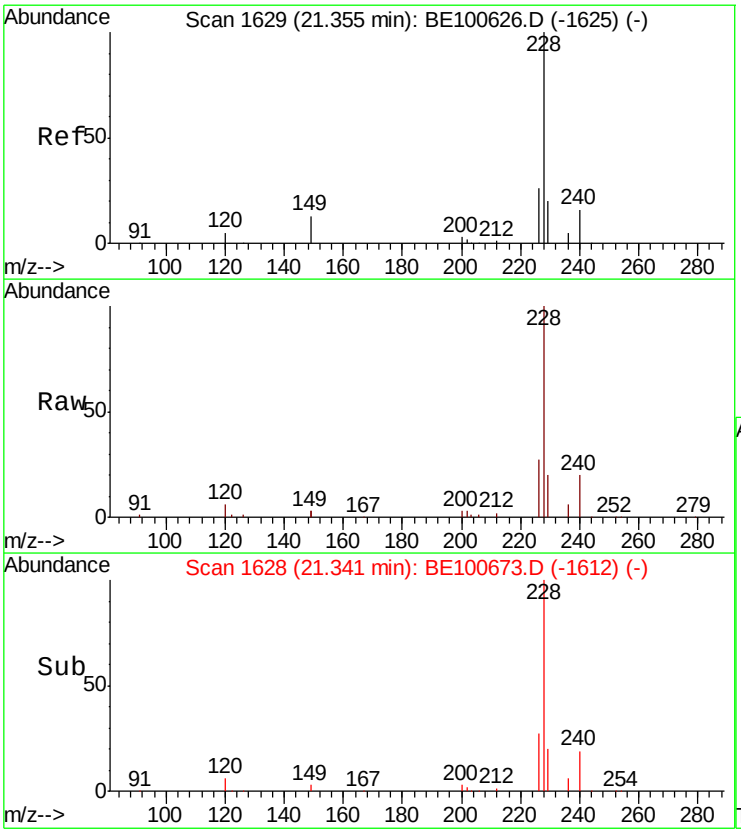
#29
Terphenyl-d14
Concen: 0.413 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 31468

Ion	Ratio	Lower	Upper
244	100		
212	28.4	23.7	35.5
122	8.4	7.9	11.9

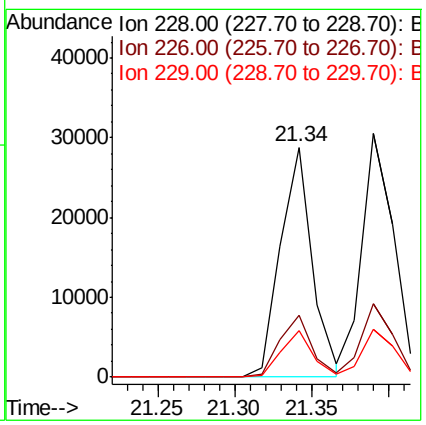


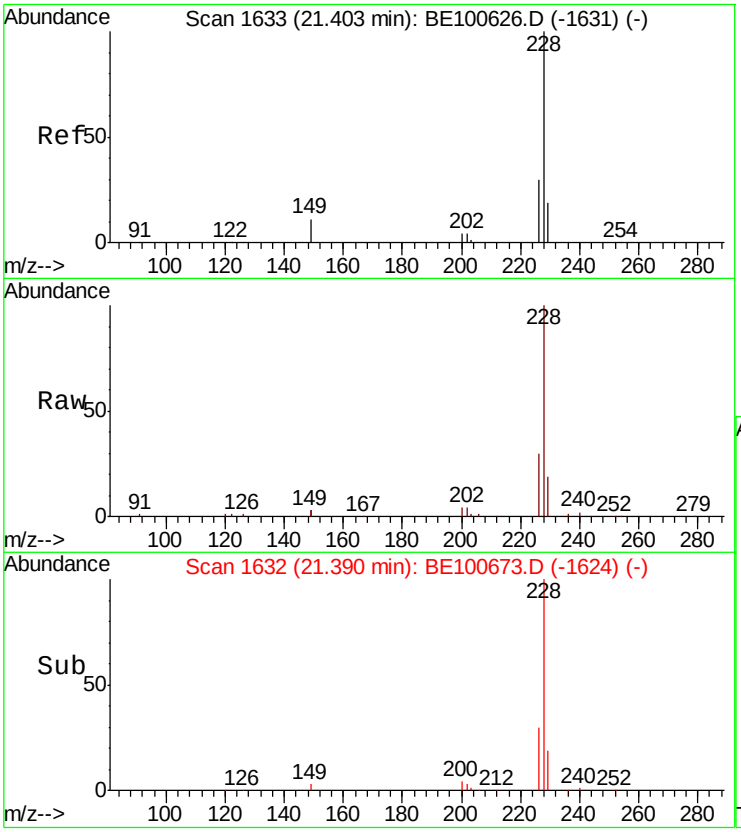


#30
Benzo(a)anthracene
Concen: 0.362 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:228 Resp: 41189

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	20.0	16.0	24.0



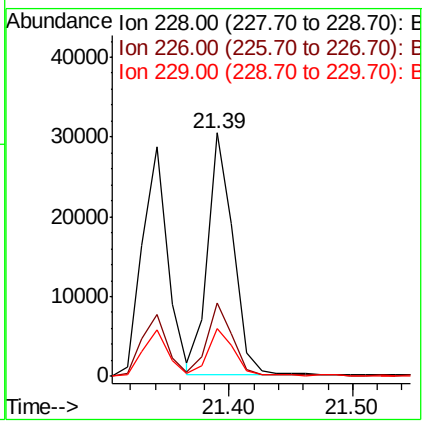


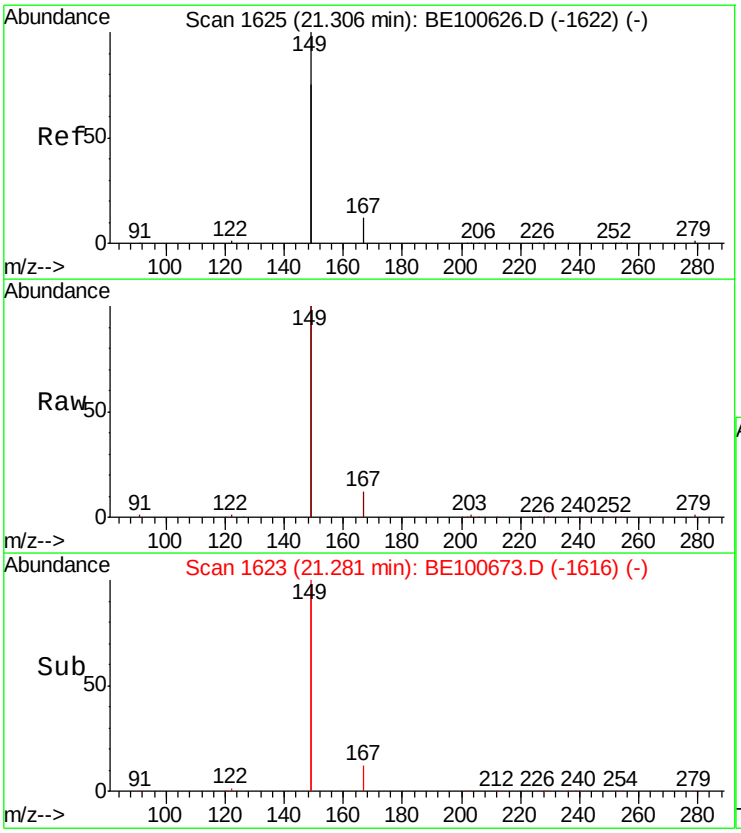
#31
Chrysene
Concen: 0.382 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 43420

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	19.5	15.8	23.8

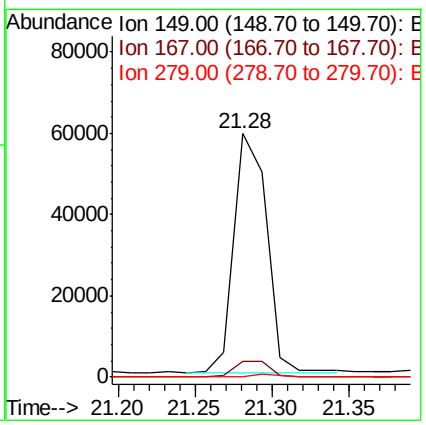


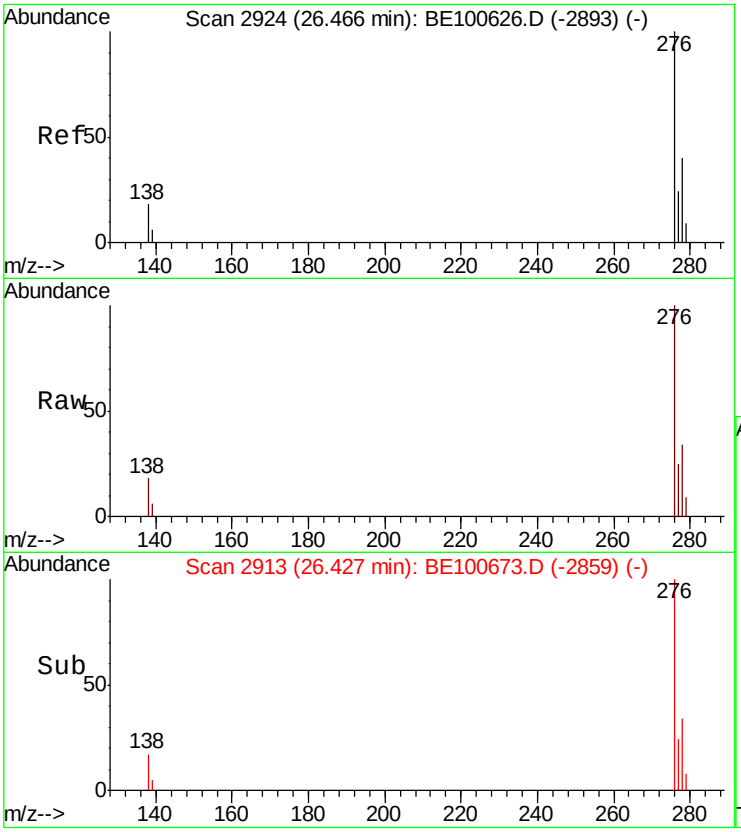


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:149 Resp: 85957

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.5	8.3
279	1.1	0.9	1.3



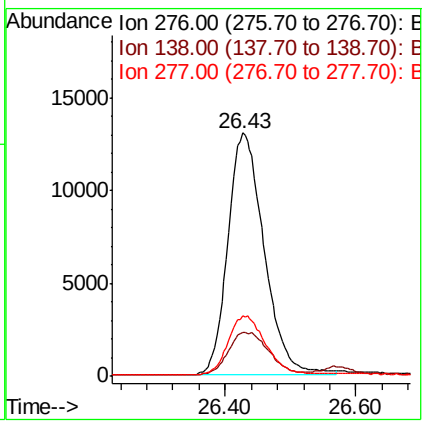


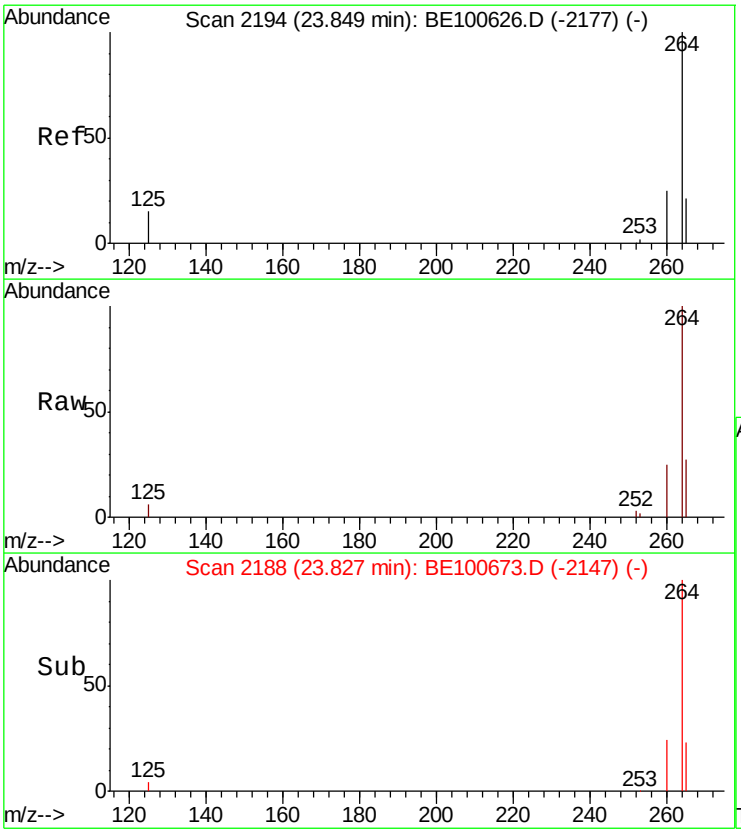
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.43 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 50305

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.3	22.9
277	24.7	19.4	29.2

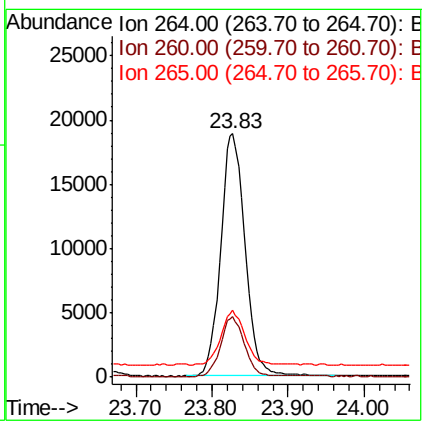


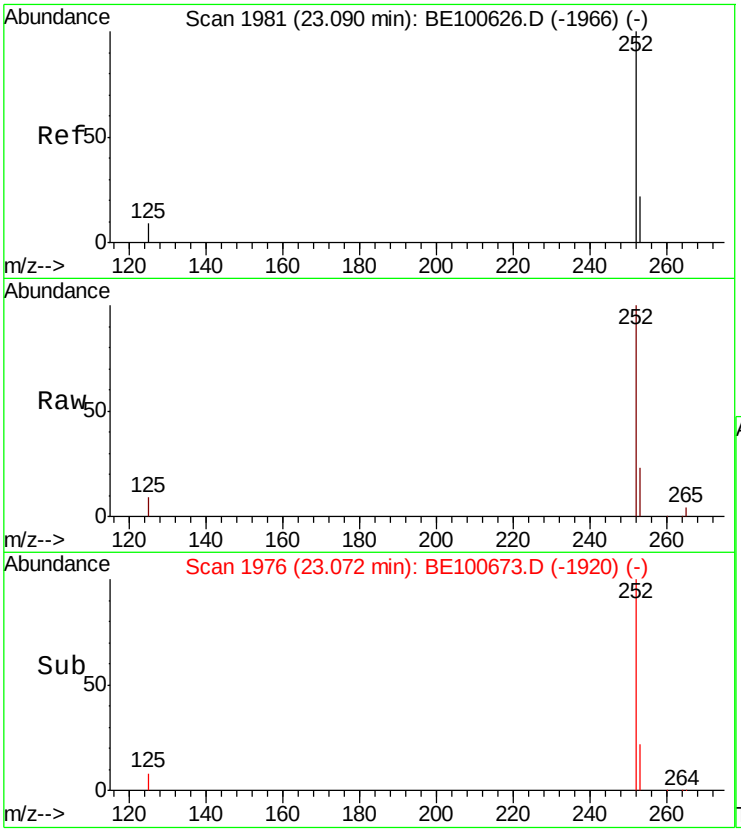


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:264 Resp: 42093

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	27.3	21.7	32.5



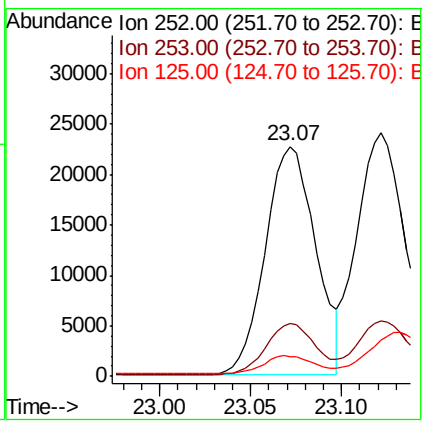


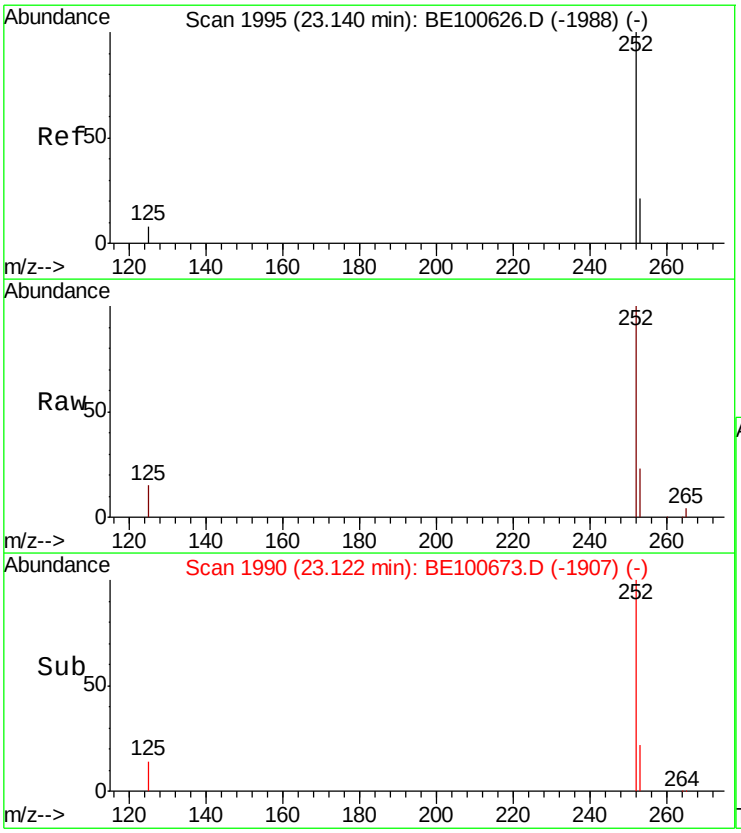
#35
Benzo(b)fluoranthene
Concen: 0.354 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 43452

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	8.8	7.6	11.4

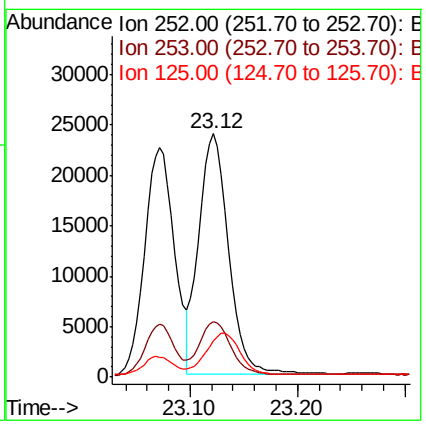


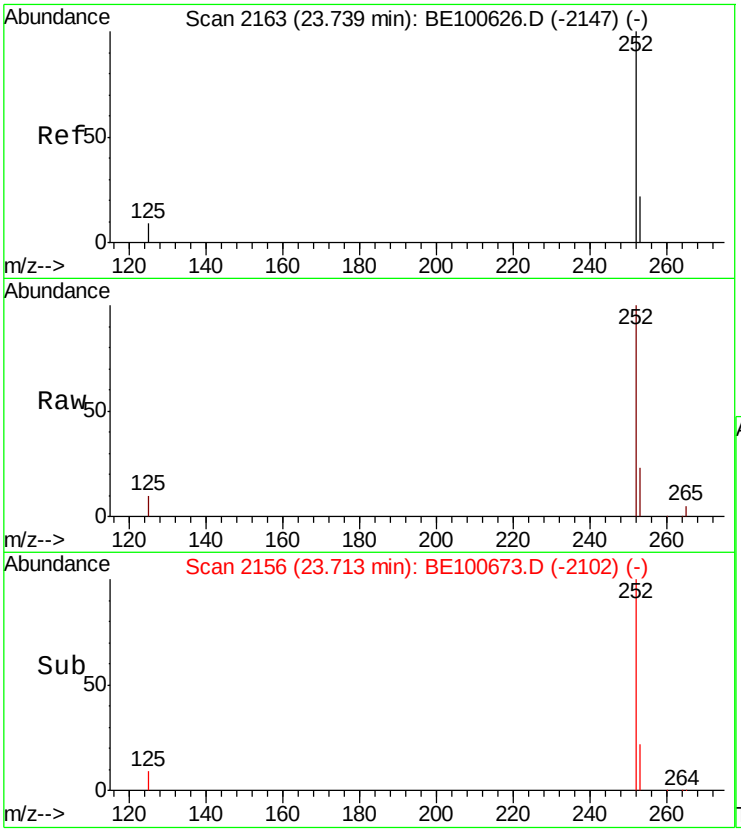


#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:252 Resp: 45995

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	14.8	11.6	17.4



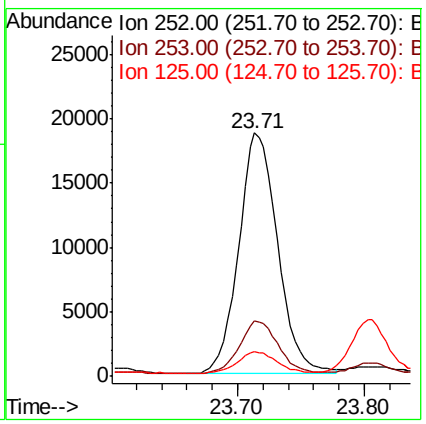


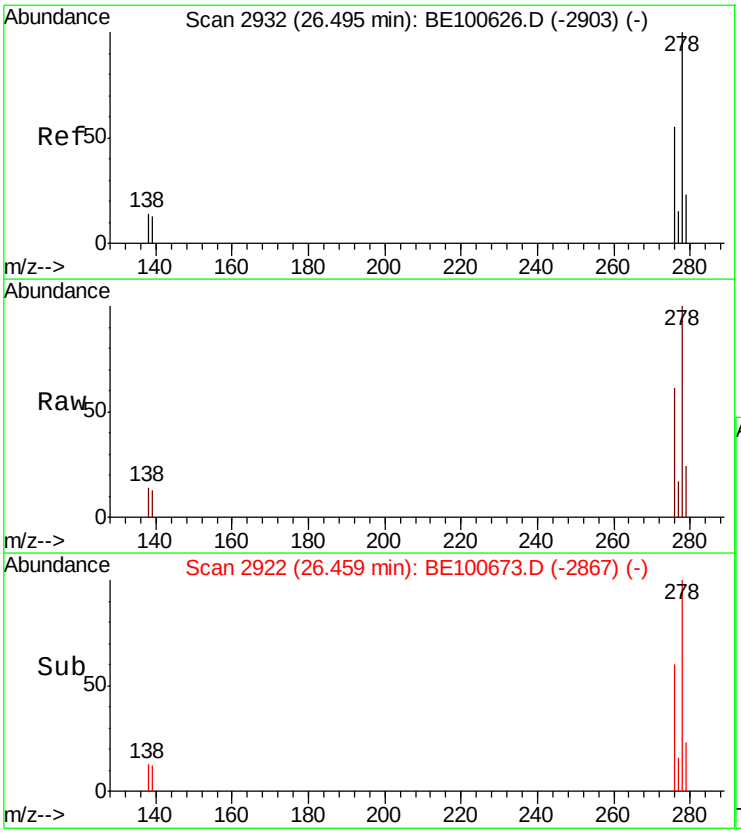
#37
Benzo(a)pyrene
Concen: 0.351 ng
RT: 23.71 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 40064

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	10.2	8.2	12.4

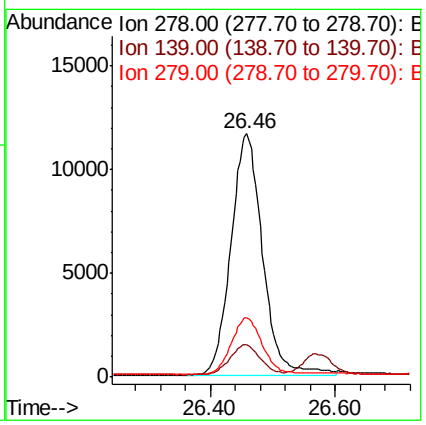


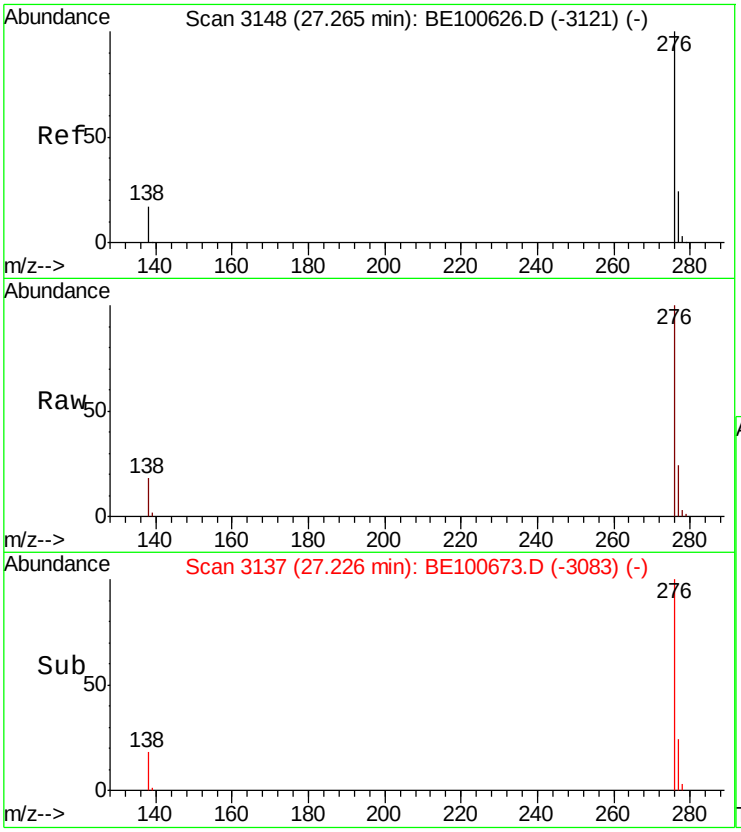


#38
Dibenzo(a,h)anthracene
Concen: 0.350 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Tgt Ion:278 Resp: 41302

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.9	16.3
279	24.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 27.23 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BE100673.D
Acq: 23 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 42510

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	18.4	13.6	20.4