Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100745.D
Acq On : 15 Nov 2019 20:00
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 15 22:33:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	3896	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	17105	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	10923	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	23918	0.40	ng		0.00
27) Chrysene-d12	21.29	240	26029	0.40	ng		0.00
34) Perylene-d12	23.73	264	29363	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	4843	0.43	ng		0.00
5) Phenol-d6	6.94	99	7498	0.47	ng		0.00
8) Nitrobenzene-d5	8.91	82	6126	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	10802	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	730	0.75	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	17288	0.43	ng		0.00
25) Fluoranthene-d10	19.16	212	110433	0.35	ng		0.00
29) Terphenyl-d14	19.76	244	27860	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	2487	0.366	ng		93
3) n-Nitrosodimethylamine	3.60	42	2678	0.397	ng	#	96
6) bis(2-Chloroethyl)ether	7.19	93	5587	0.397	ng		96
9) Naphthalene	10.60	128	69703	0.393	ng		100
10) Hexachlorobutadiene	10.90	225	3094	0.378	ng		99
12) 2-Methylnaphthalene	12.22	142	11927	0.395	ng		97
16) Acenaphthylene	14.12	152	17435	0.395	ng		98
17) Acenaphthene	14.47	154	11496	0.396	ng		98
18) Fluorene	15.43	166	15054	0.379	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	4910	0.389	ng		96
21) Hexachlorobenzene	16.45	284	4674	0.381	ng		99
23) Phenanthrene	17.17	178	26305	0.403	ng		99
24) Anthracene	17.25	178	22448	0.385	ng		99
26) Fluoranthene	19.18	202	31464	0.361	ng		99
28) Pyrene	19.55	202	33503	0.463	ng		99
30) Benzo(a)anthracene	21.28	228	32814	0.393	ng		98
31) Chrysene	21.33	228	32296	0.381	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	78148	0.527	ng		100
33) Indeno(1,2,3-cd)pyrene	26.29	276	37118	0.373	ng		100
35) Benzo(b)fluoranthene	22.99	252	31677	0.370	ng		99
36) Benzo(k)fluoranthene	22.99	252	31677	0.353	ng		99
37) Benzo(a)pyrene	23.62	252	29673	0.372	ng		100
38) Dibenzo(a,h)anthracene	26.32	278	30446	0.366	ng		98
39) Benzo(g,h,i)perylene	27.07	276	30680	0.376	ng		100

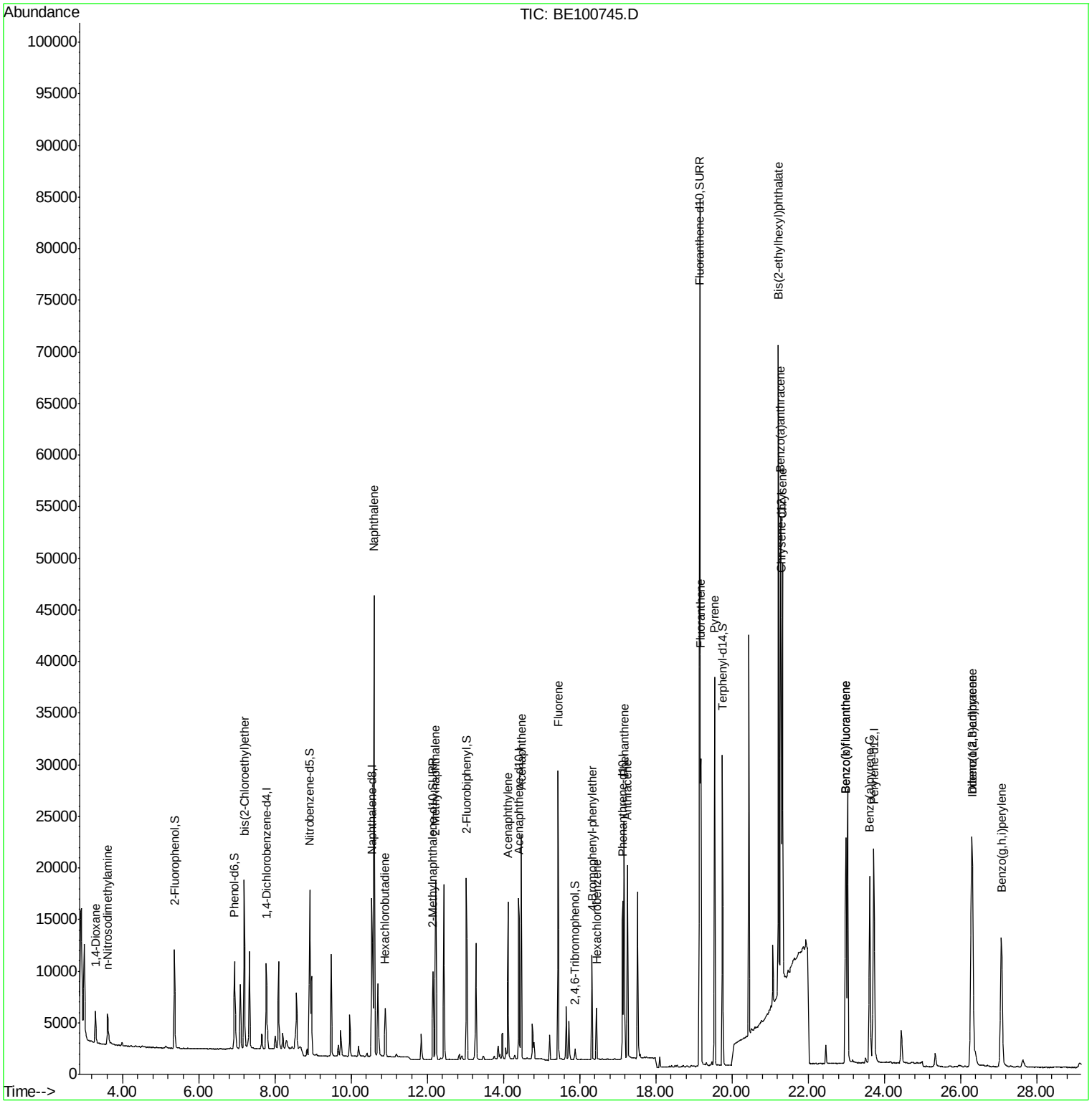
(#) = qualifier out of range (m) = manual integration (+) = signals summed

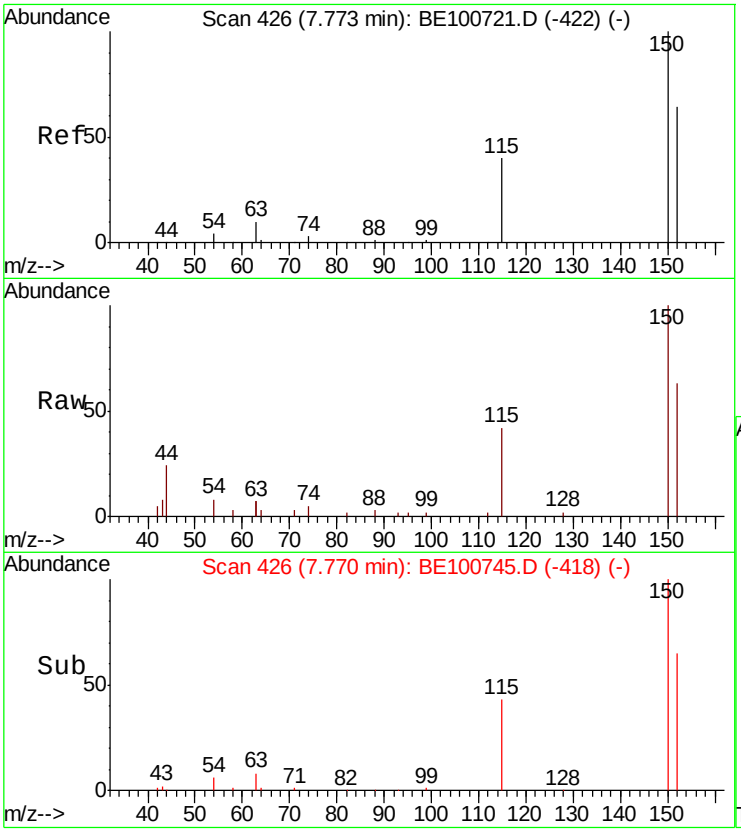
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100745.D
Acq On : 15 Nov 2019 20:00
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 15 22:33:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration



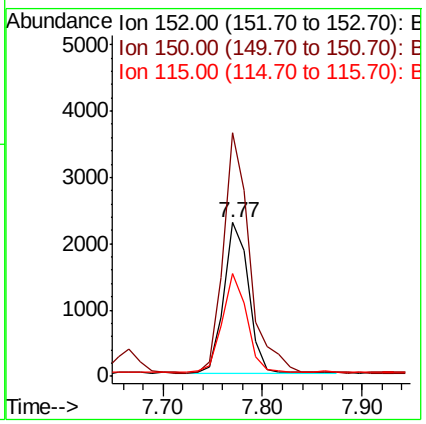


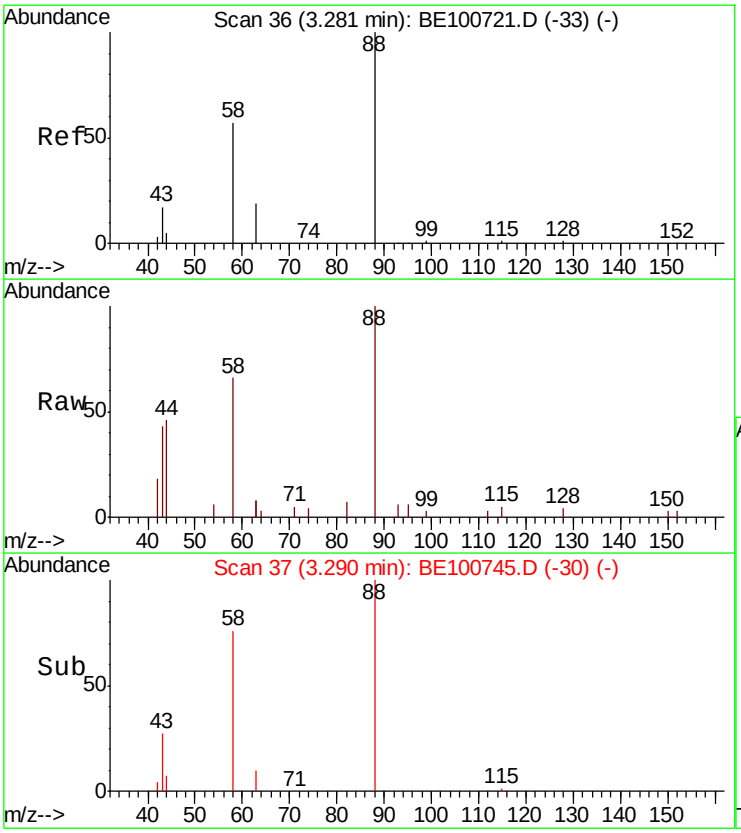
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3896

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.4	185.0
115	66.8	52.1	78.1

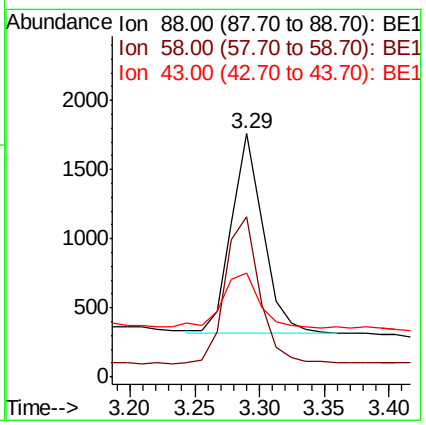


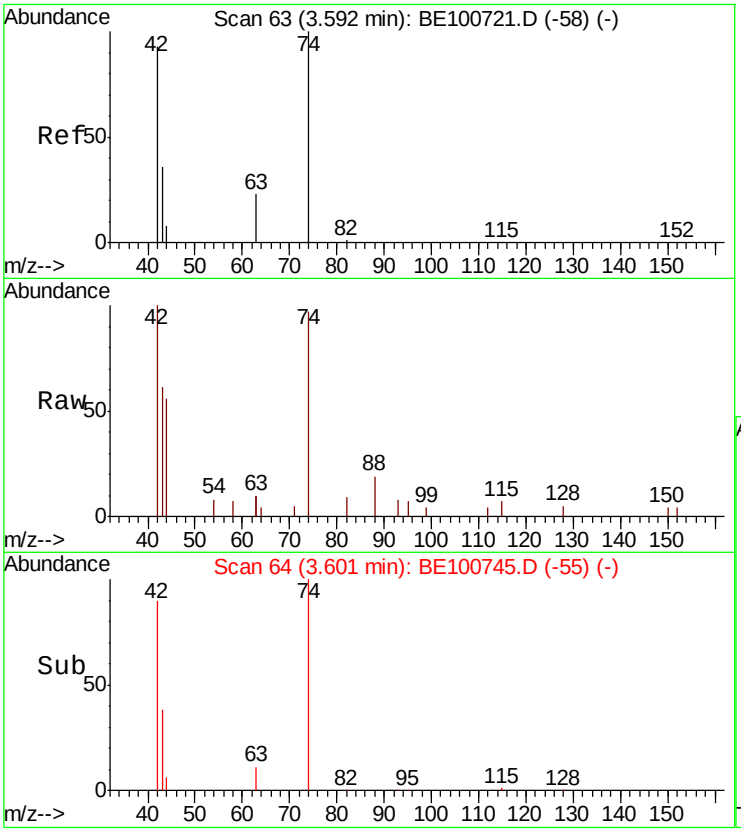


#2
1,4-Dioxane
Concen: 0.366 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion: 88 Resp: 2487

Ion	Ratio	Lower	Upper
88	100		
58	79.5	69.8	104.8
43	32.4	27.0	40.4



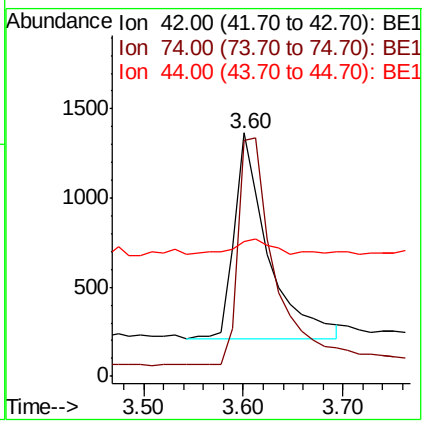


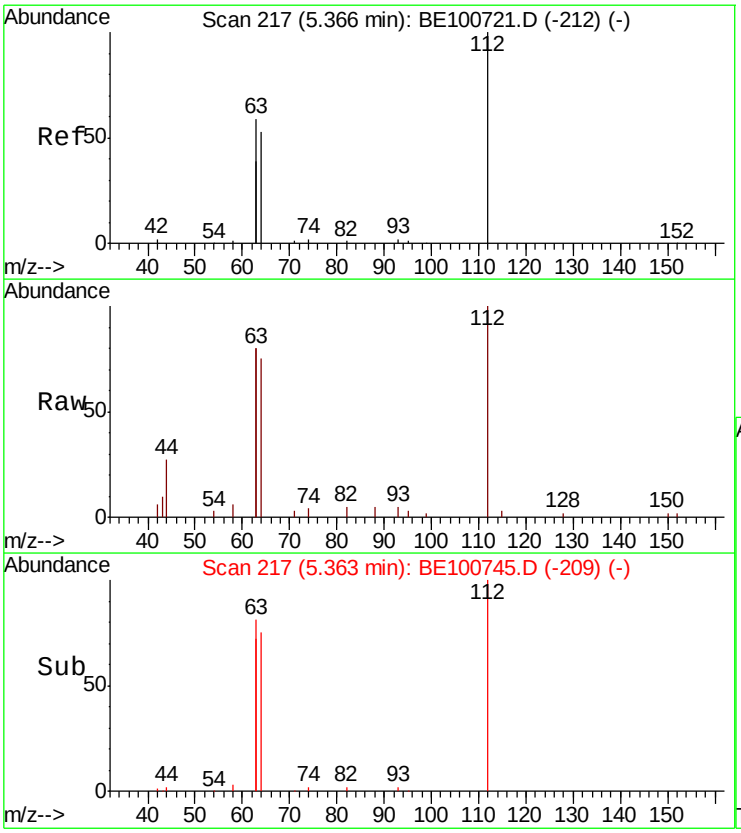
#3
n-Nitrosodimethylamine
Concen: 0.397 ng
RT: 3.60 min Scan# 64
Delta R.T. 0.01 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2678

Ion	Ratio	Lower	Upper
42	100		
74	121.6	99.7	149.5
44	7.3	11.8	17.8#

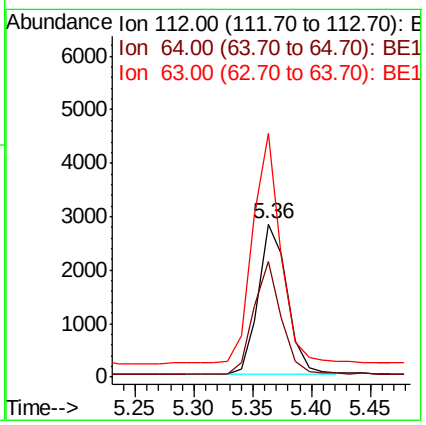


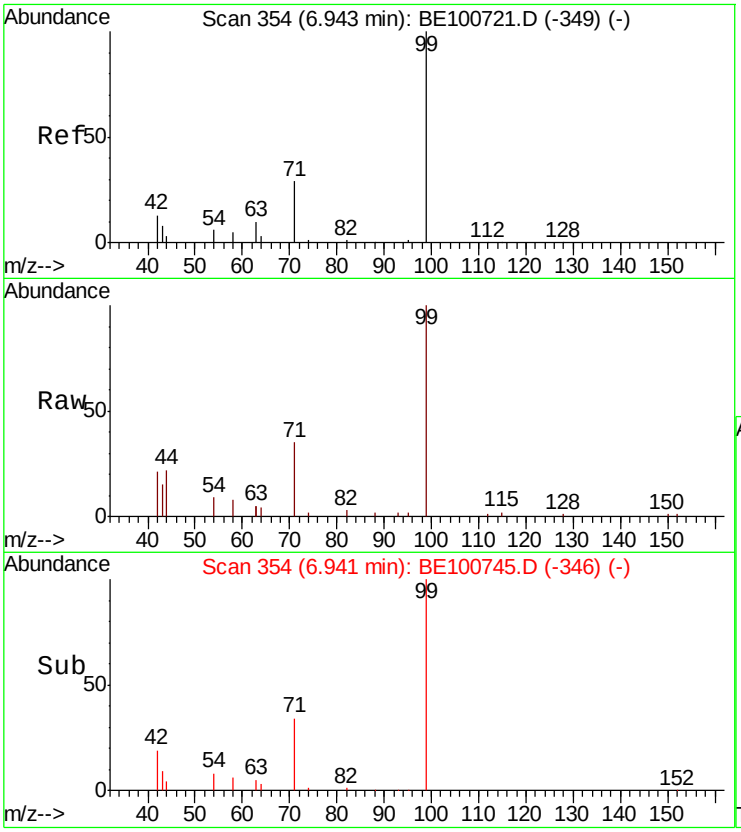


#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:112 Resp: 4843

Ion	Ratio	Lower	Upper
112	100		
64	71.2	58.3	87.5
63	146.0	115.4	173.2



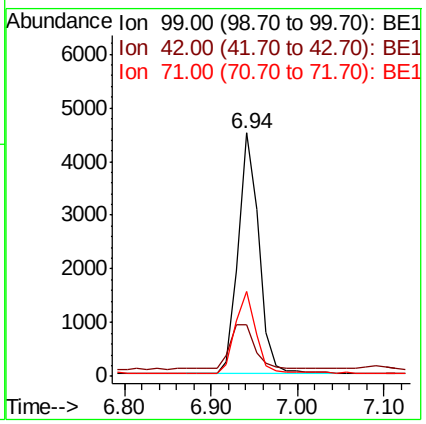


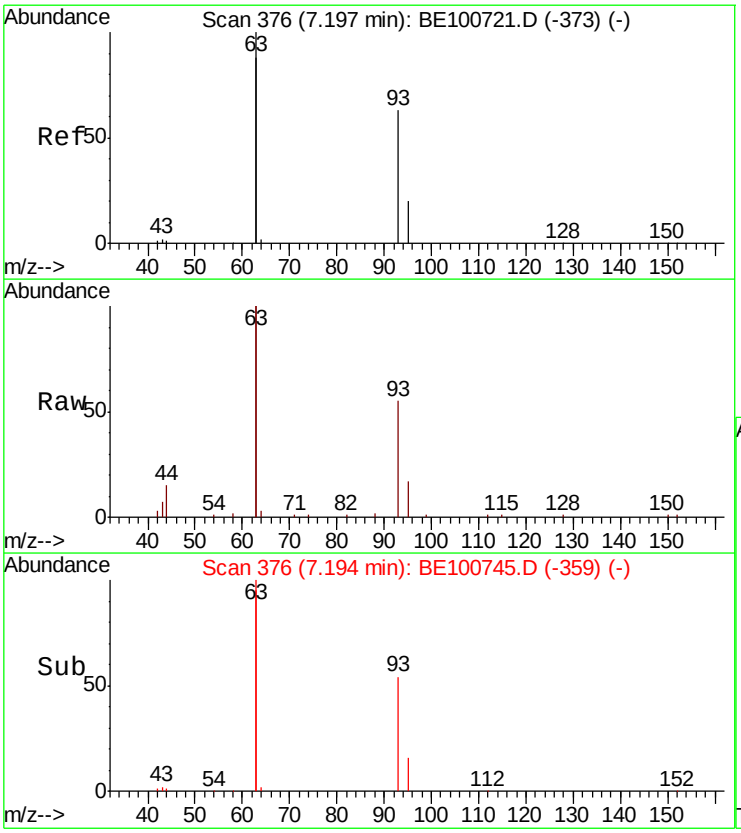
#5
Phenol-d6
Concen: 0.466 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7498

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.8	26.6
71	33.4	27.3	40.9

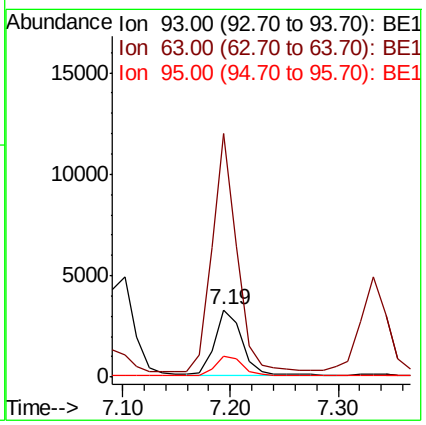


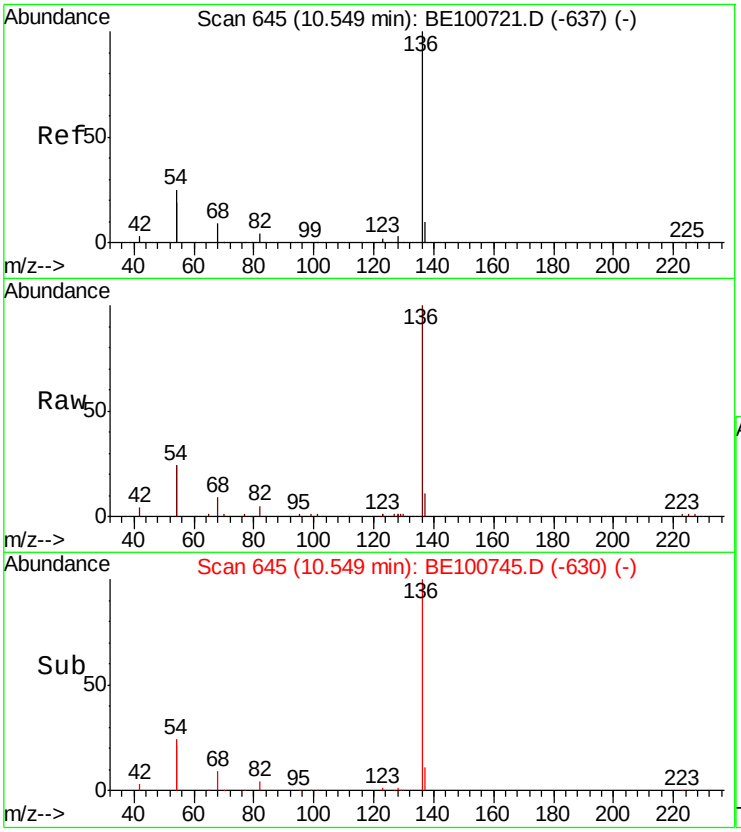


#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion: 93 Resp: 5587

Ion	Ratio	Lower	Upper
93	100		
63	334.5	260.7	391.1
95	30.9	24.2	36.2



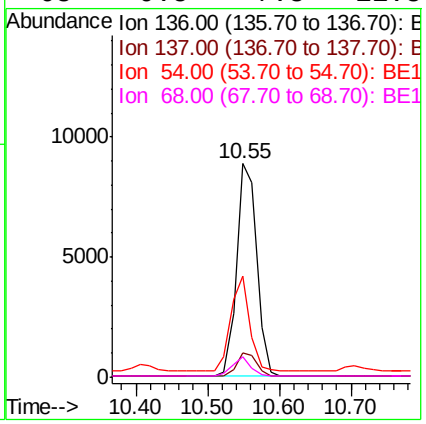


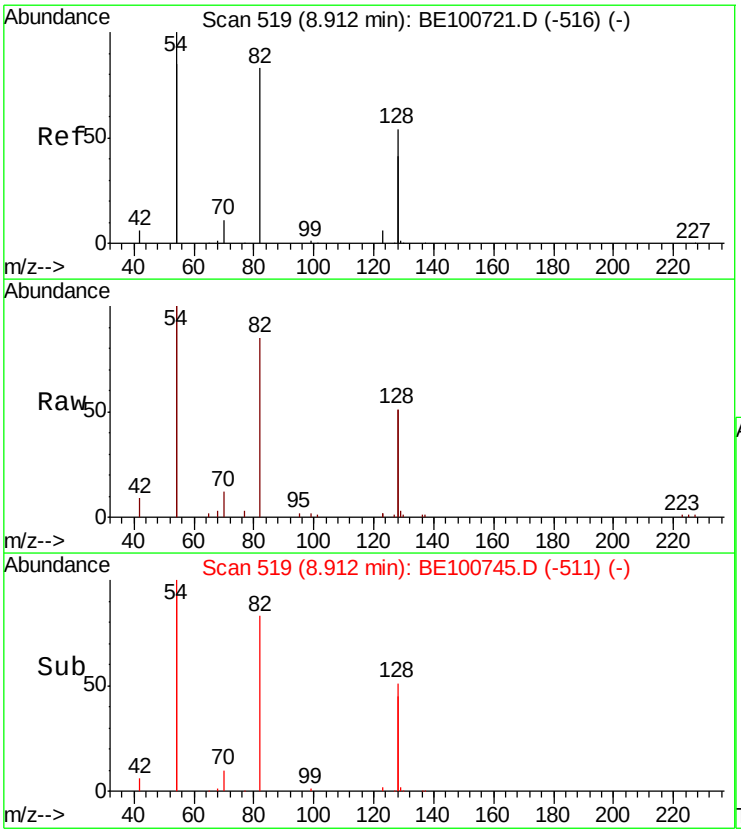
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 17105

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	47.6	39.0	58.6
68	9.5	7.8	11.8

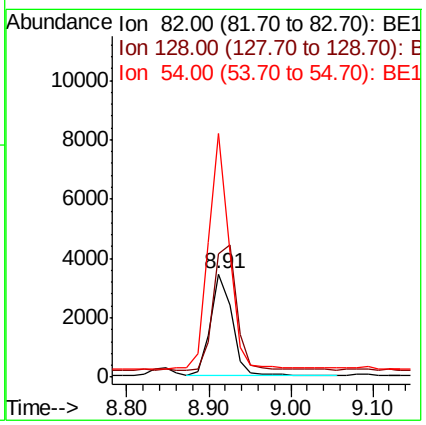


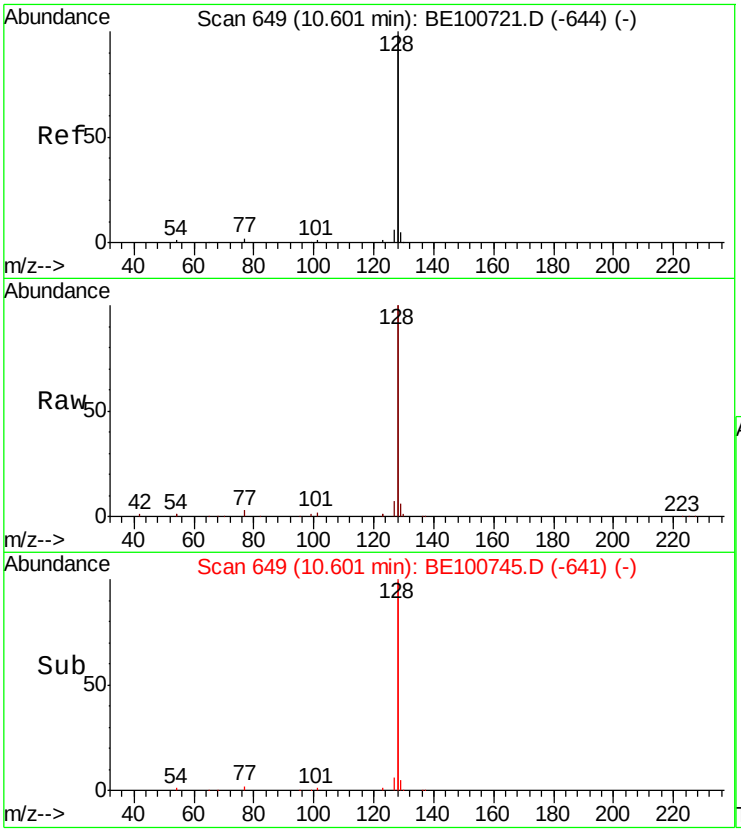


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.91 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion: 82 Resp: 6126

Ion	Ratio	Lower	Upper
82	100		
128	119.2	99.6	149.4
54	235.5	183.8	275.8



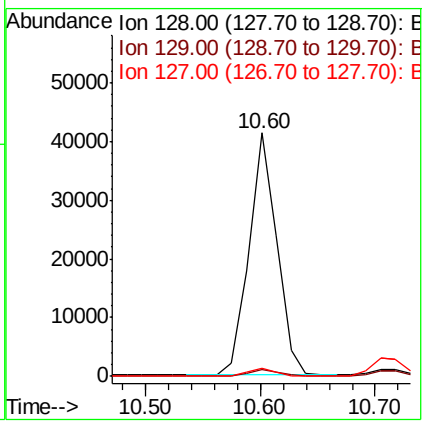


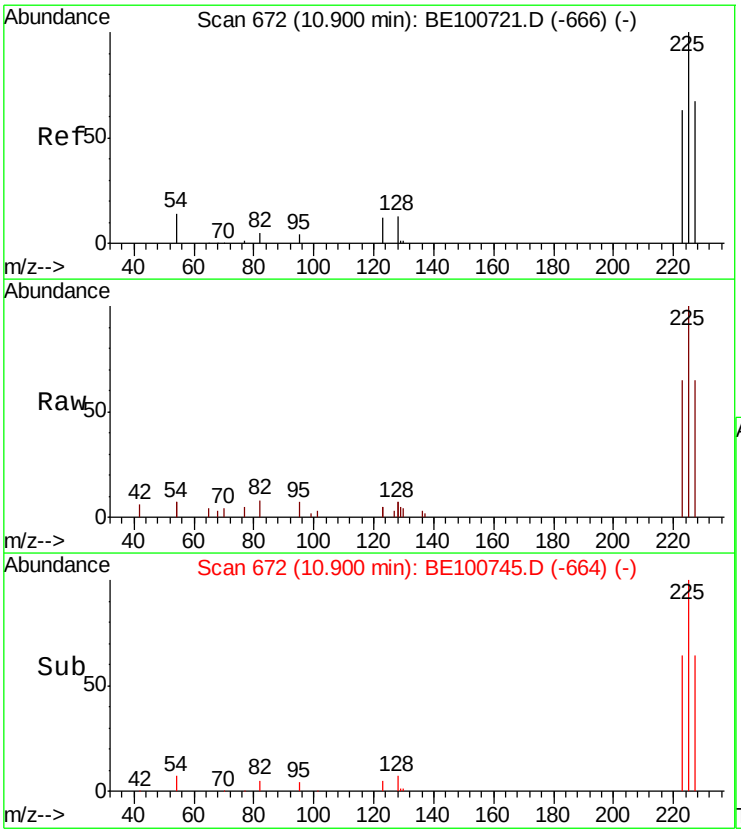
#9
Naphthalene
Concen: 0.393 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 69703

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.3	2.7	4.1

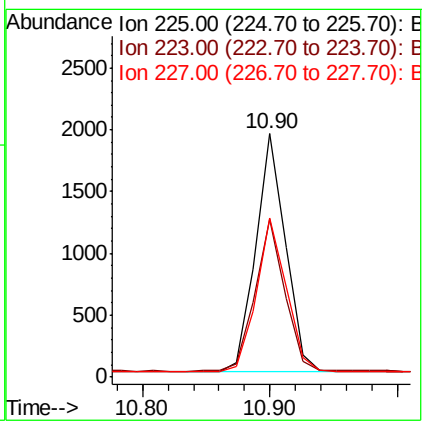


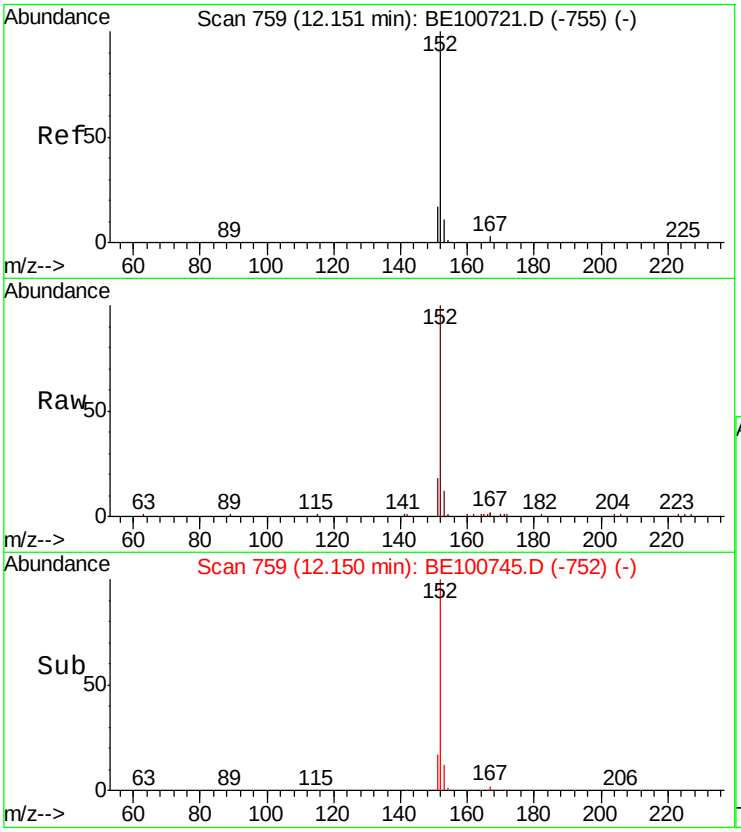


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:225 Resp: 3094

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	65.2	53.0	79.6



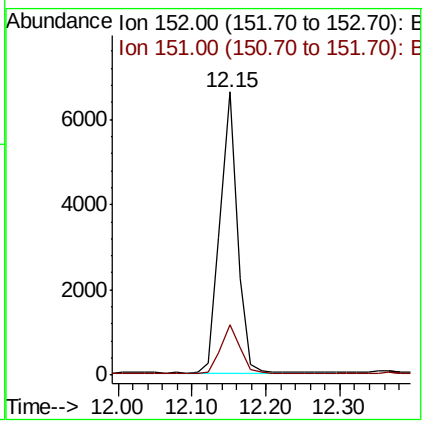


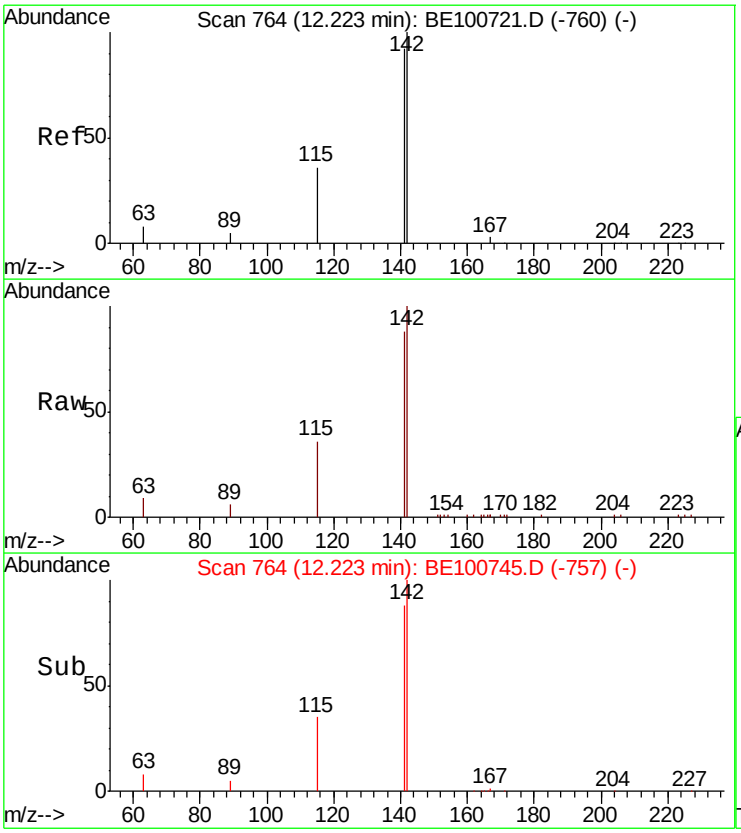
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10802

Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.2	21.4

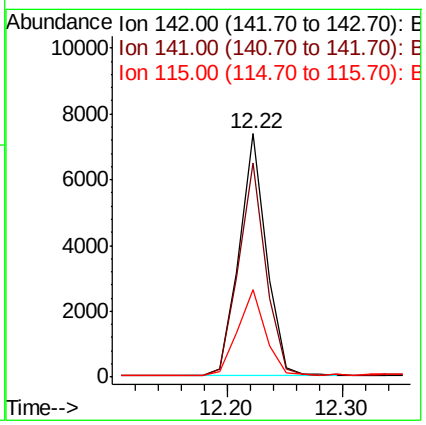


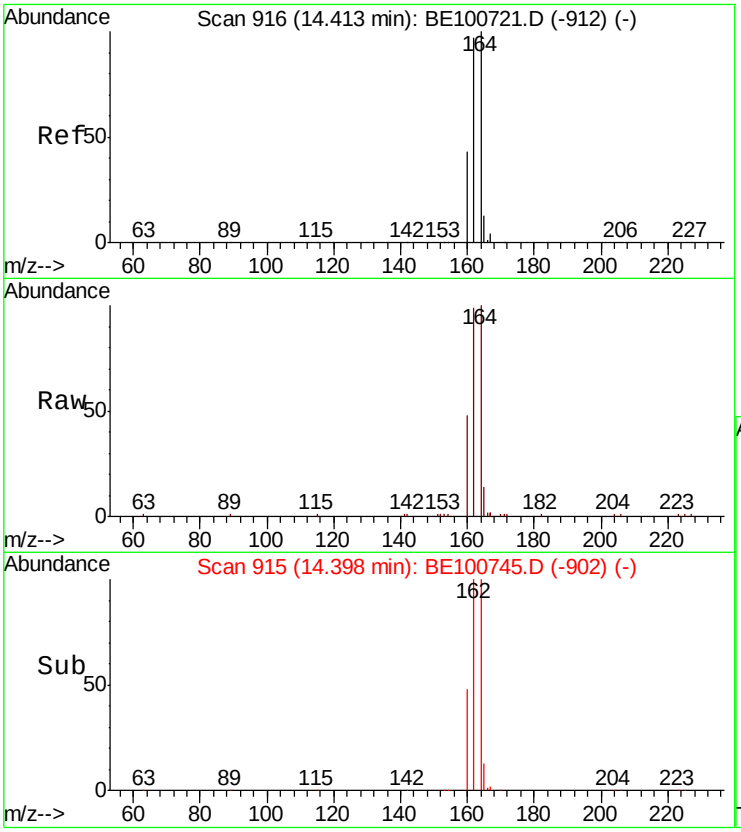


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:142 Resp: 11927

Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.3	109.9
115	35.9	29.9	44.9



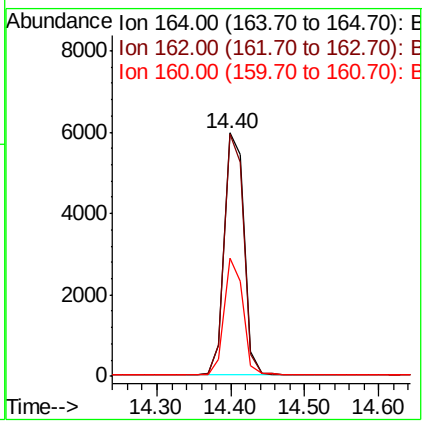


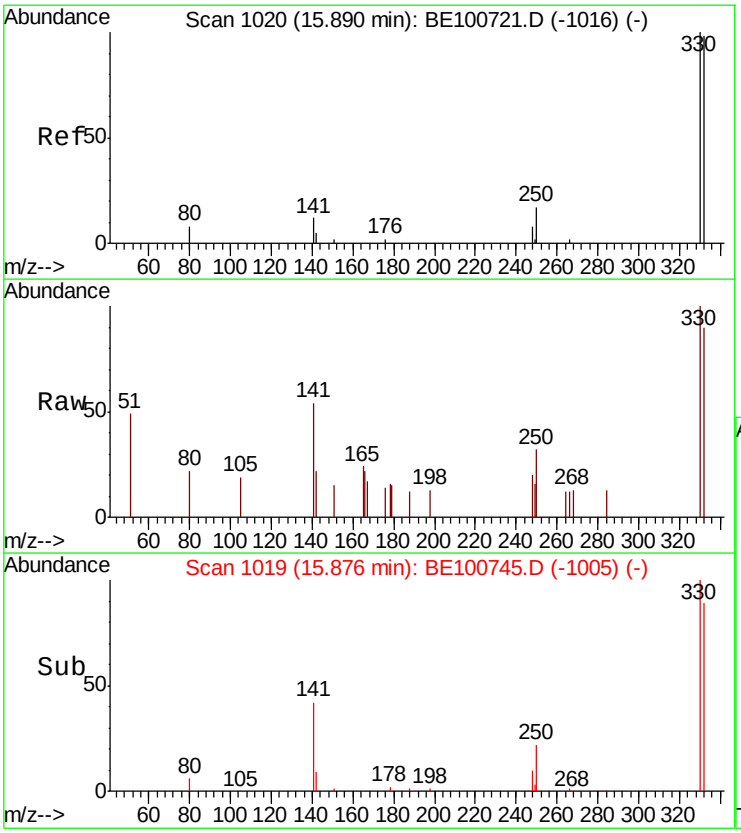
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 10923

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.8	116.8
160	48.3	35.3	52.9

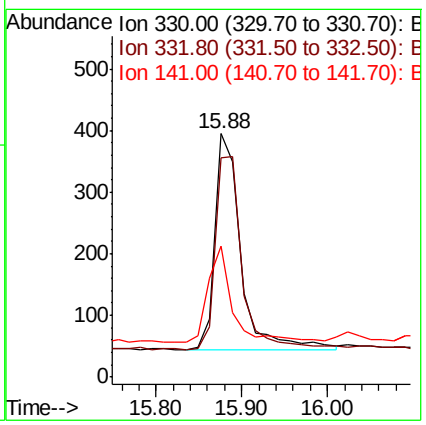


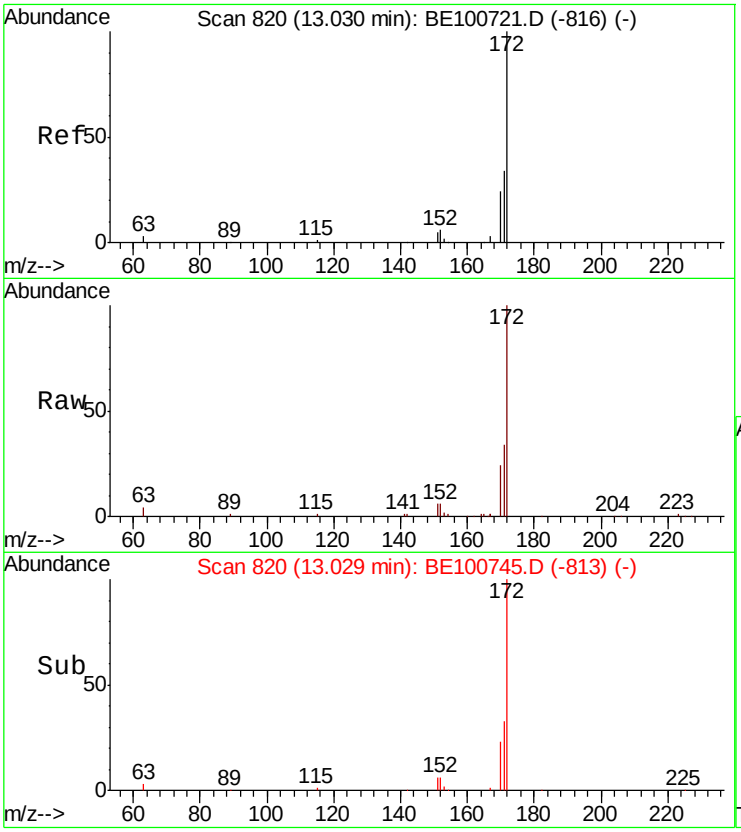


#14
2,4,6-Tribromophenol
Concen: 0.751 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:330 Resp: 730

Ion	Ratio	Lower	Upper
330	100		
332	92.9	85.0	127.6
141	42.7	28.2	42.2#



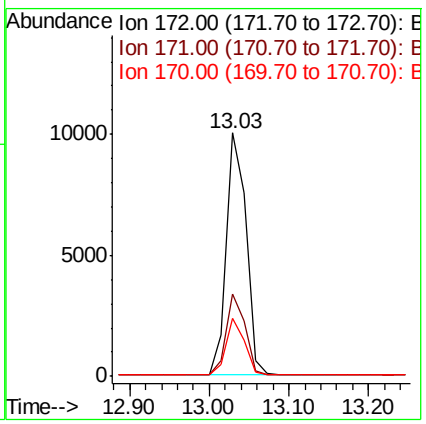


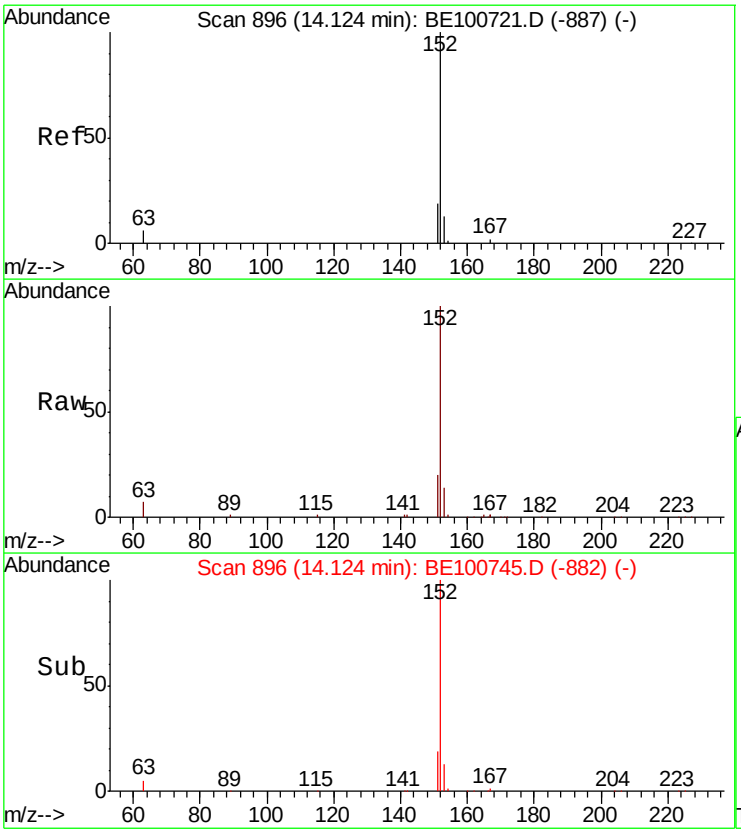
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 17288

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	23.8	19.8	29.6

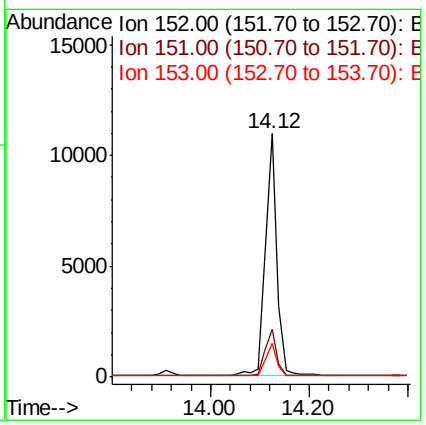


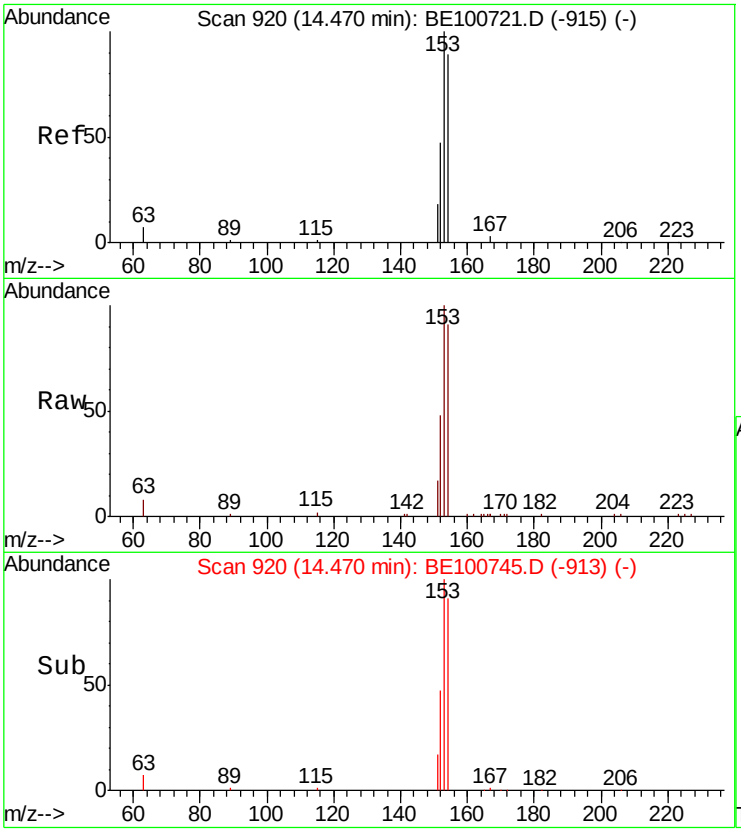


#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:152 Resp: 17435

Ion	Ratio	Lower	Upper
152	100		
151	19.5	14.9	22.3
153	13.0	10.7	16.1



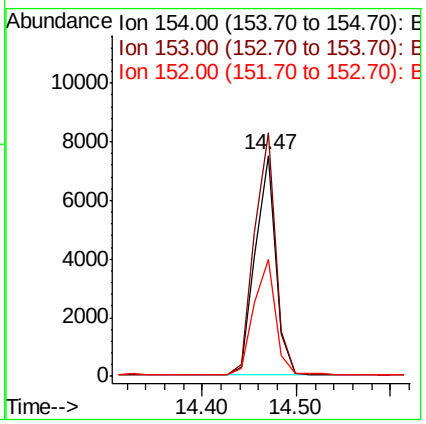


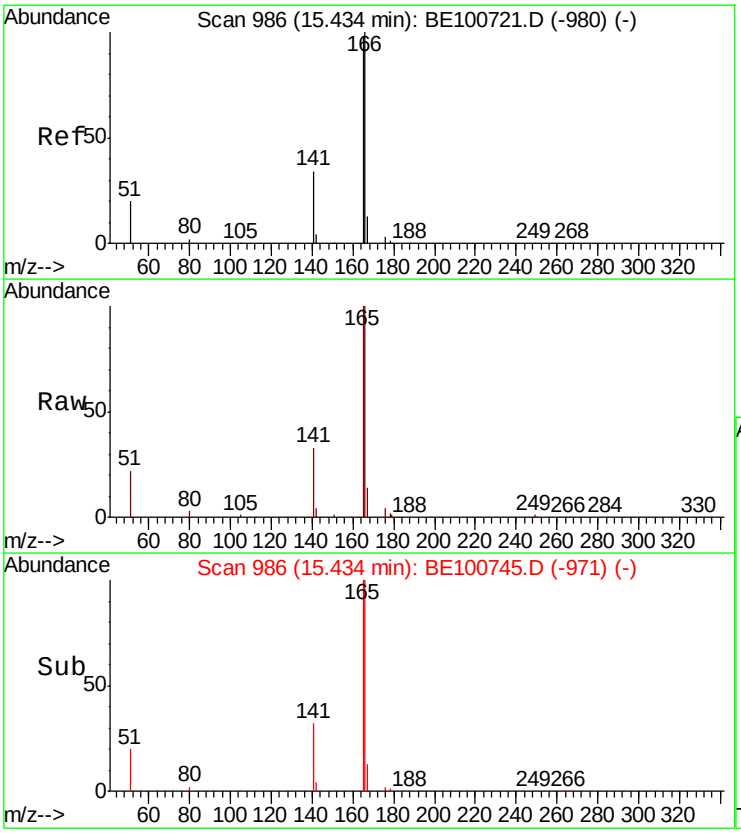
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11496

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.9	137.9
152	54.6	44.8	67.2

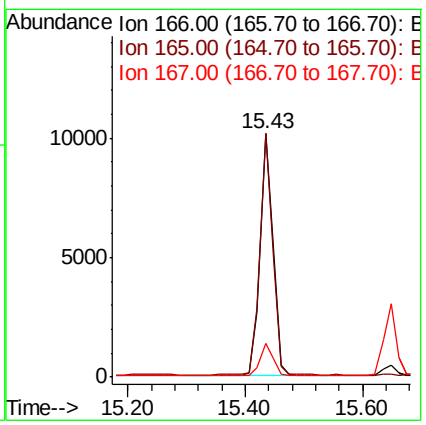


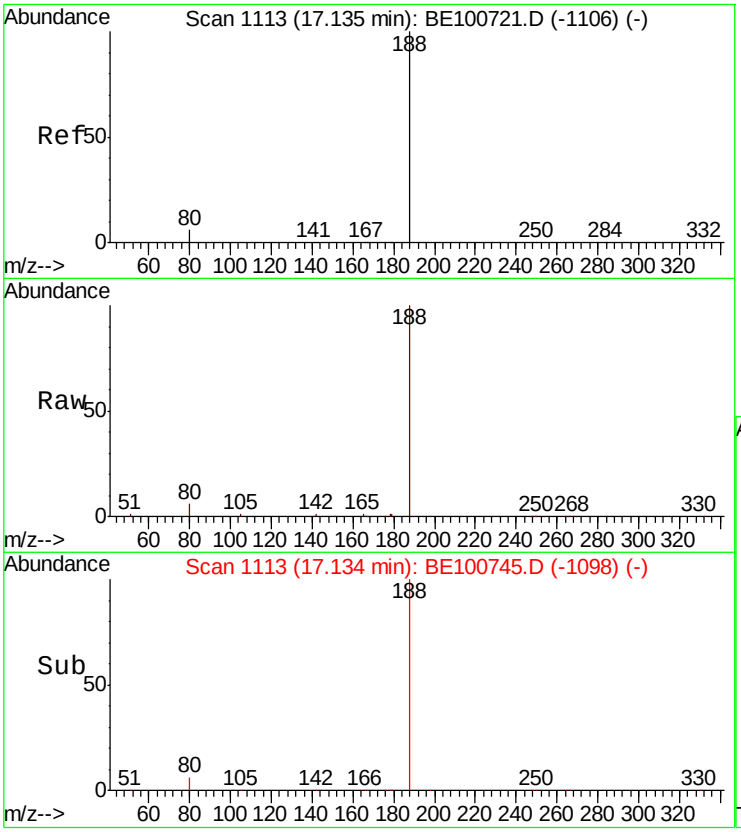


#18
Fluorene
Concen: 0.379 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:166 Resp: 15054

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	13.2	10.6	16.0



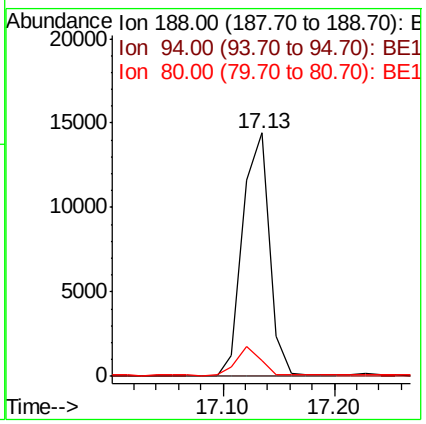


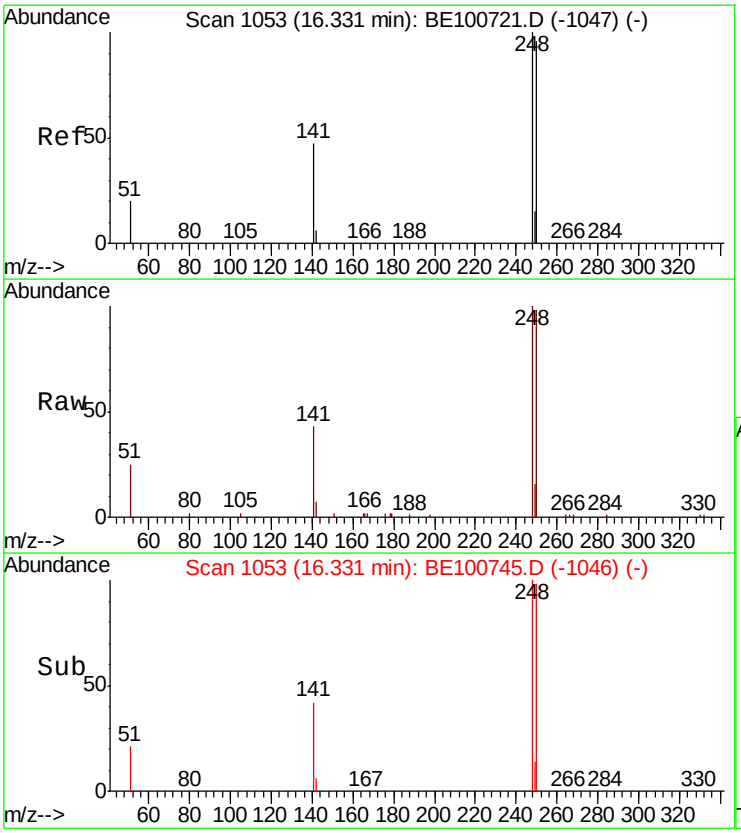
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 23918

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	5.4	8.0

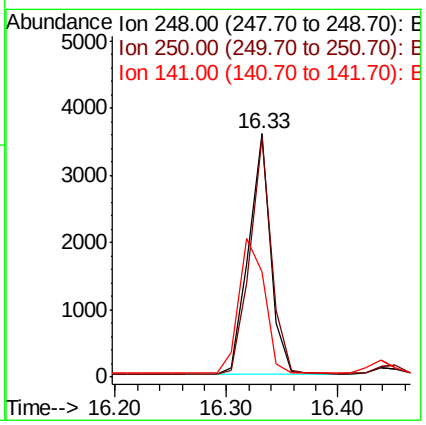


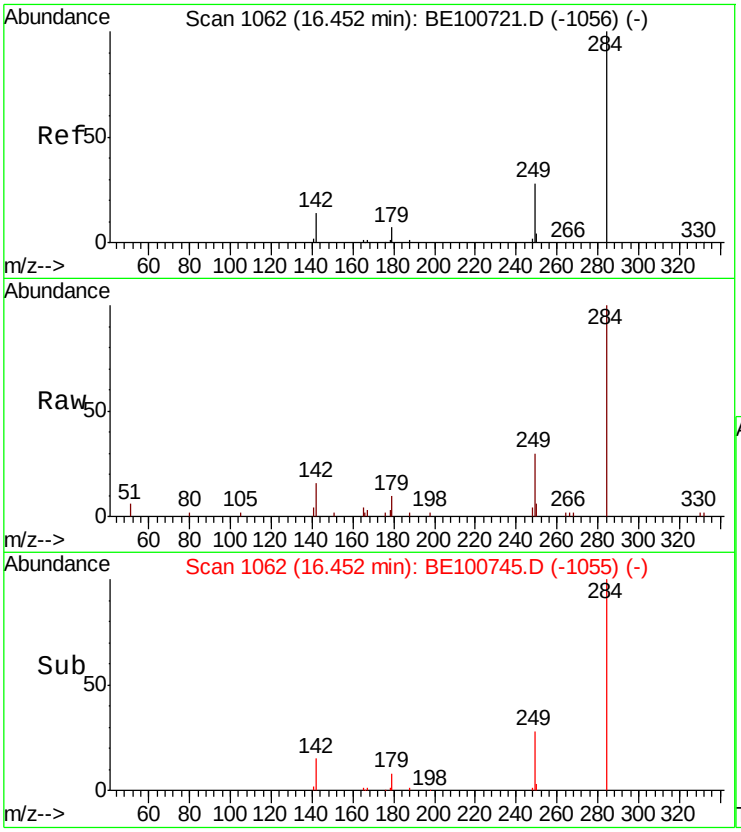


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:248 Resp: 4910

Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.1	115.7
141	43.3	38.6	58.0



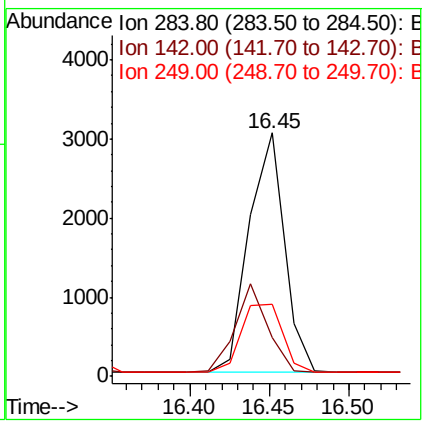


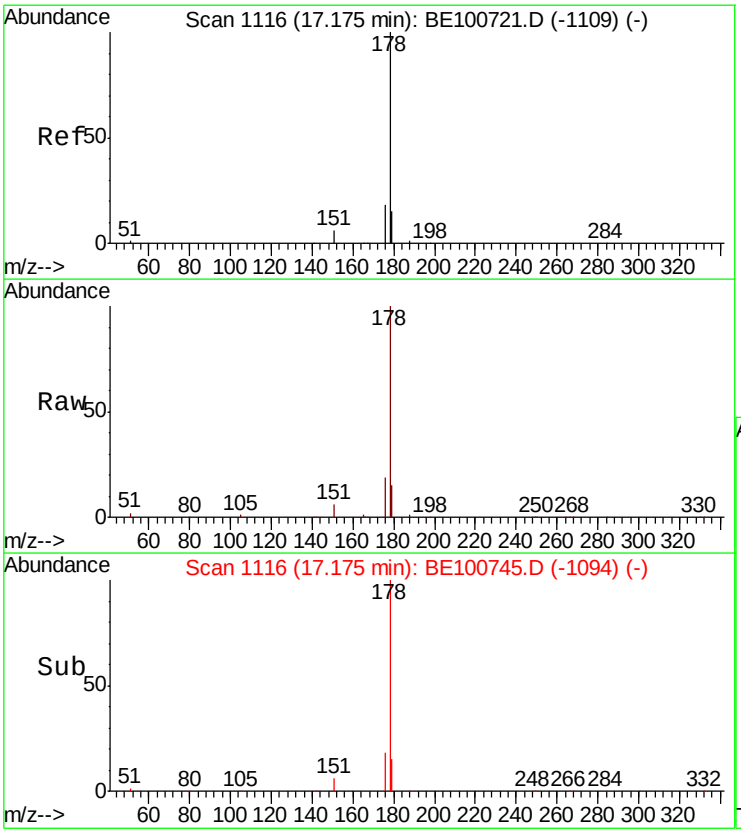
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4674

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.2	42.2
249	33.1	26.5	39.7

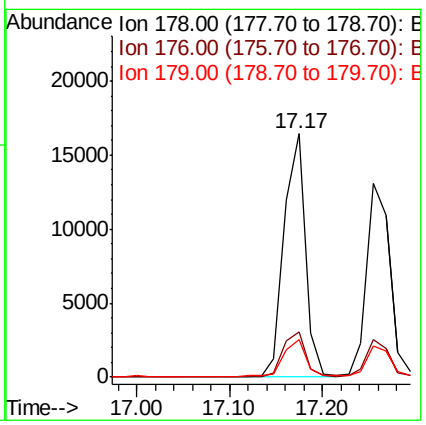


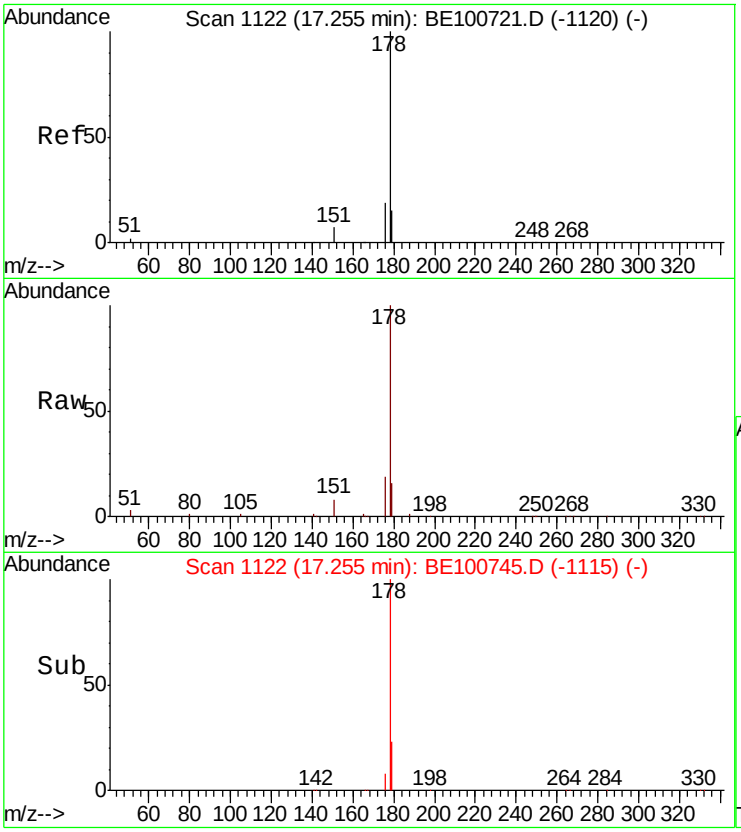


#23
Phenanthrene
Concen: 0.403 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:178 Resp: 26305

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.2	12.6	18.8



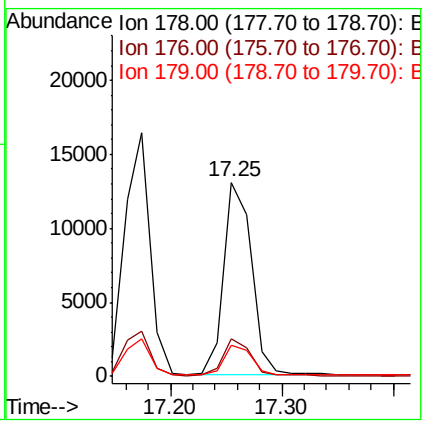


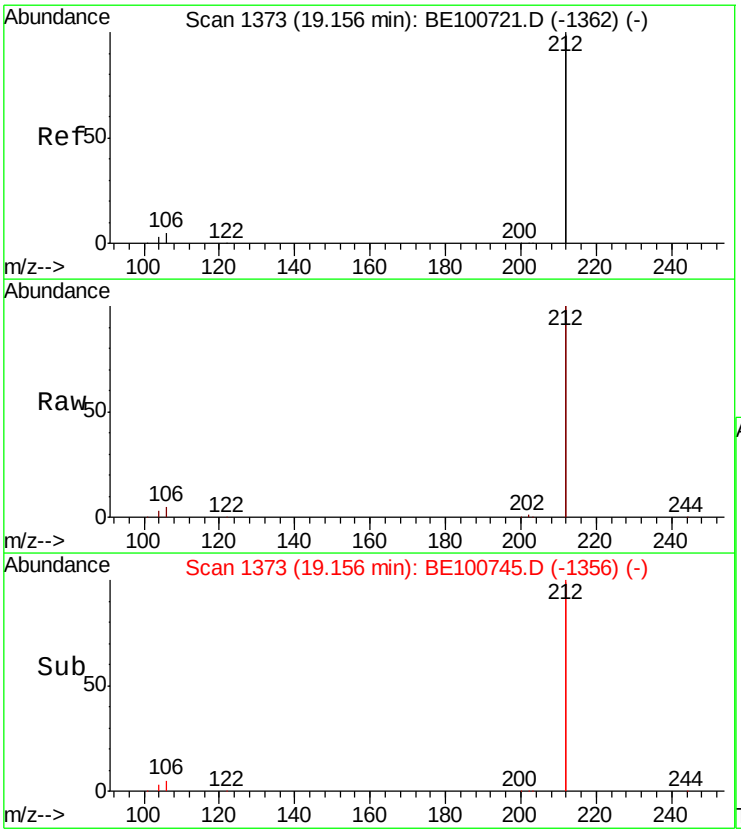
#24
Anthracene
Concen: 0.385 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 22448

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.5	12.6	18.8

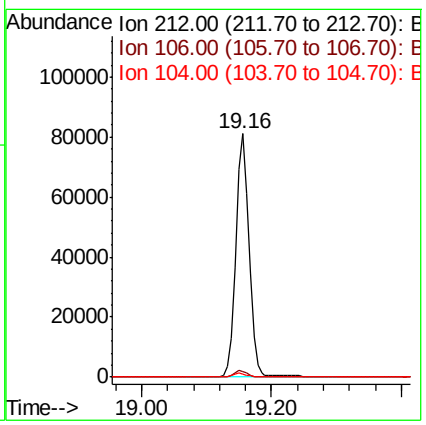


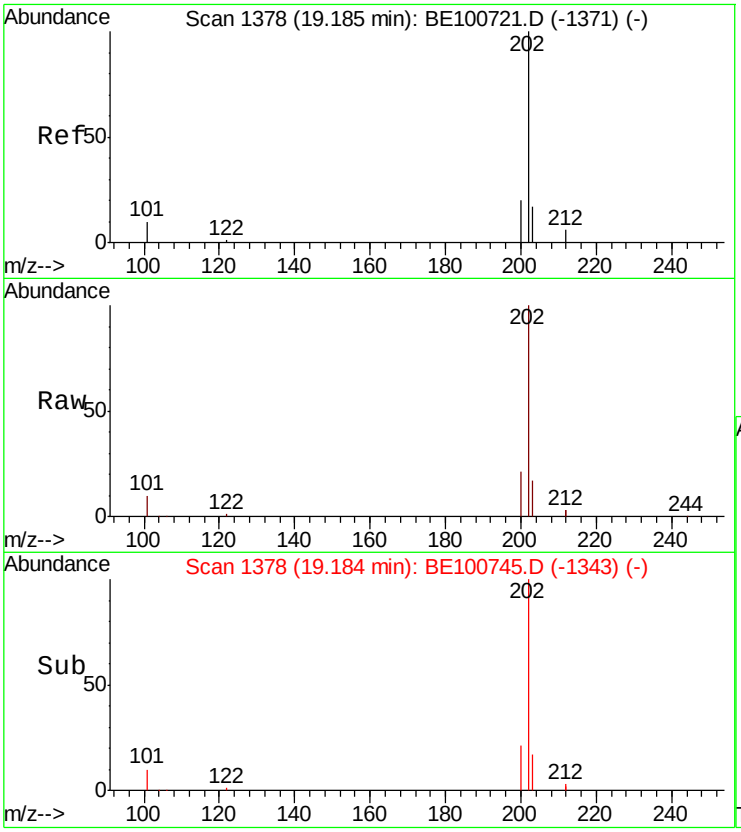


#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:212 Resp: 110433

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.2	1.8



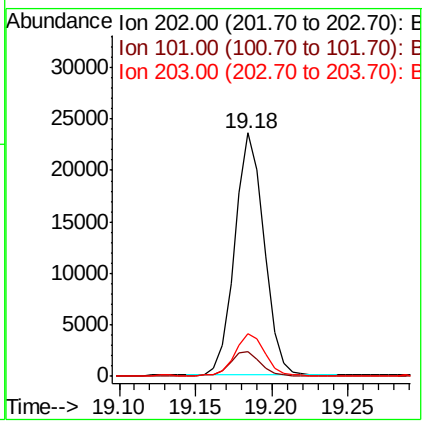


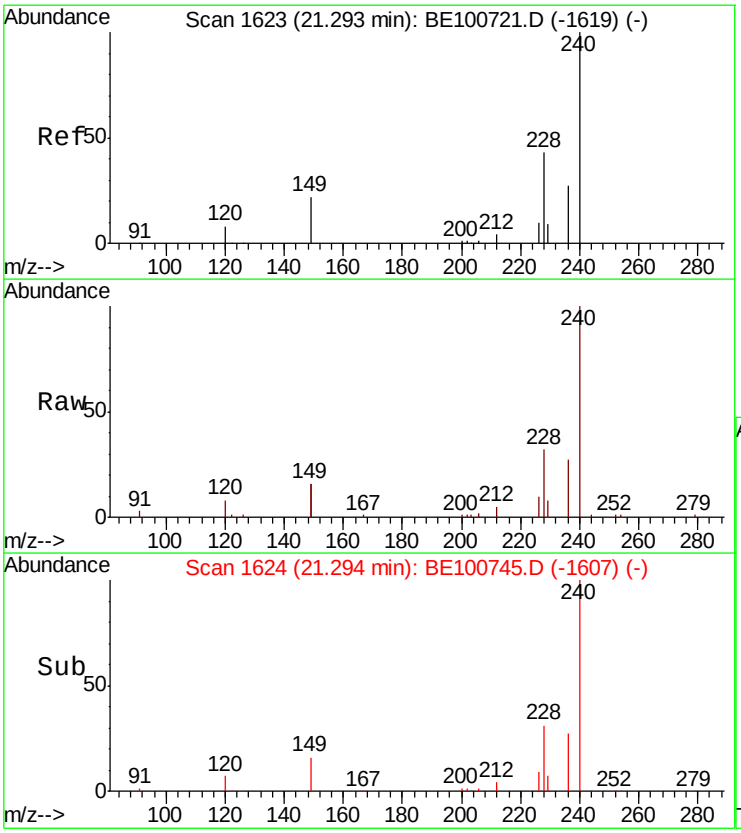
#26
Fluoranthene
Concen: 0.361 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 31464

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.6	12.8
203	17.3	13.6	20.4

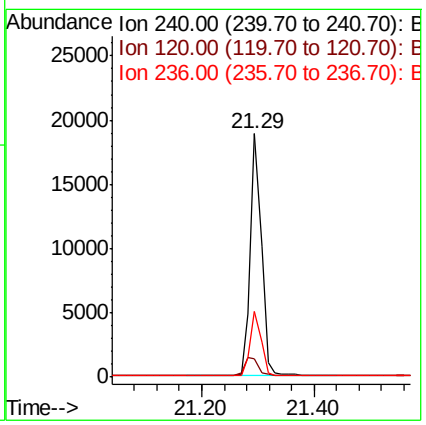


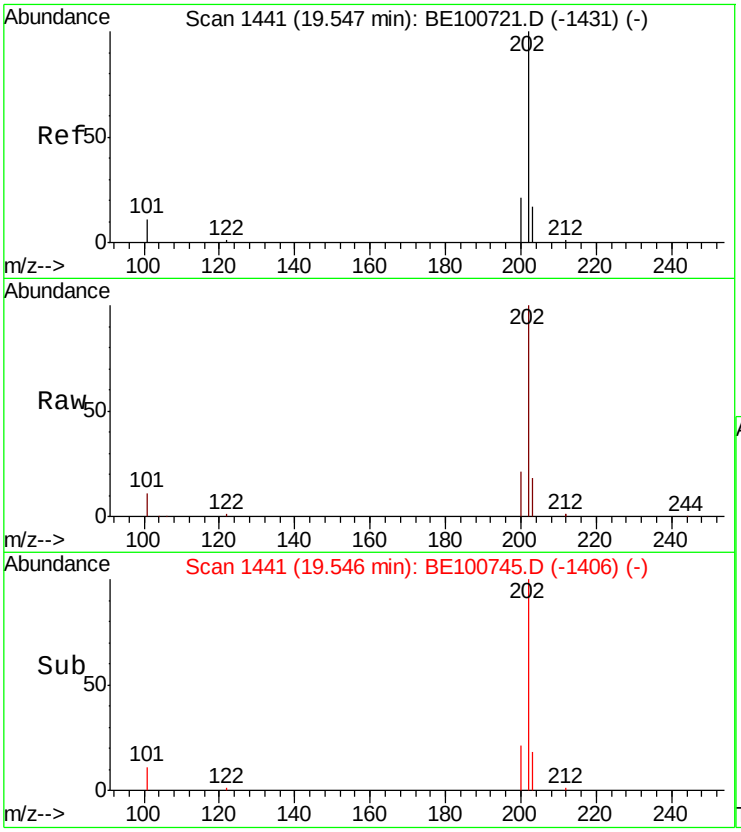


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:240 Resp: 26029

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.4	11.0
236	27.0	21.8	32.6



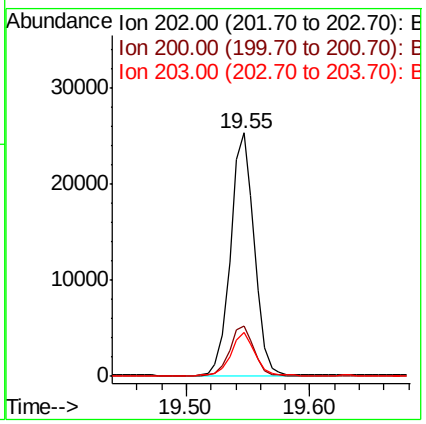


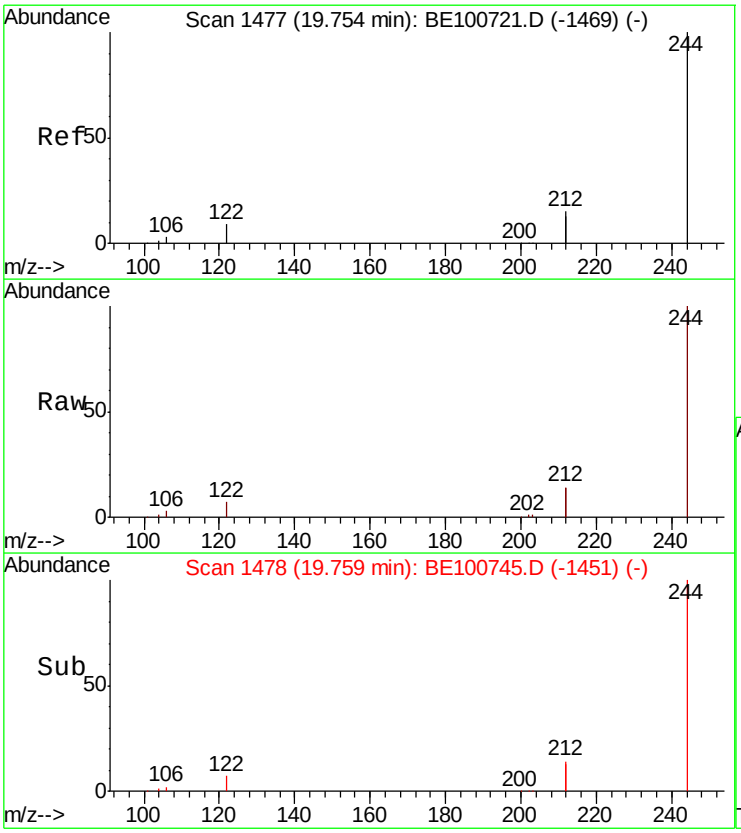
#28
Pyrene
Concen: 0.463 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 33503

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.7	14.0	21.0

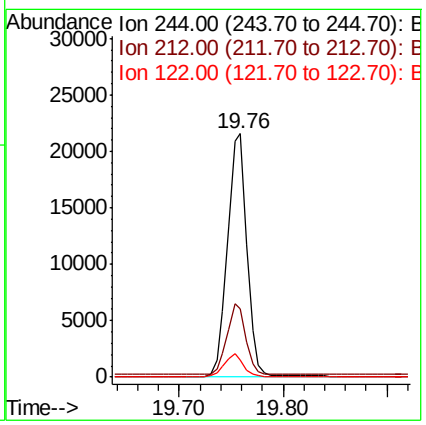


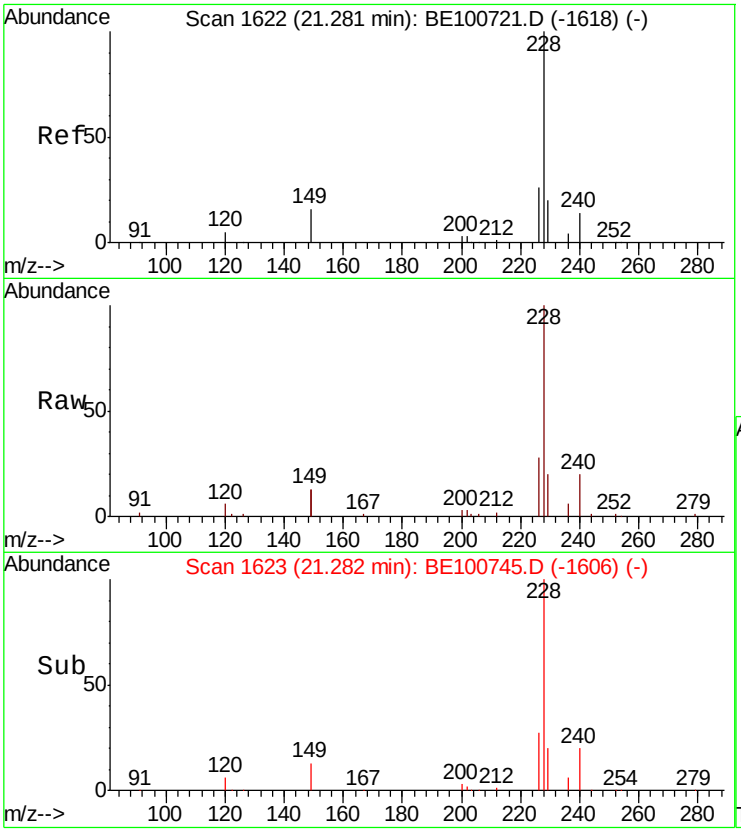


#29
Terphenyl-d14
Concen: 0.449 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:244 Resp: 27860

Ion	Ratio	Lower	Upper
244	100		
212	27.9	24.3	36.5
122	6.9	7.6	11.4#



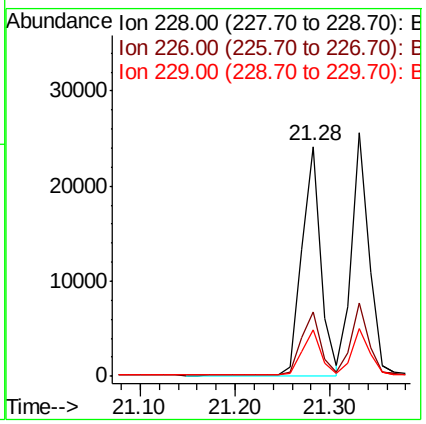


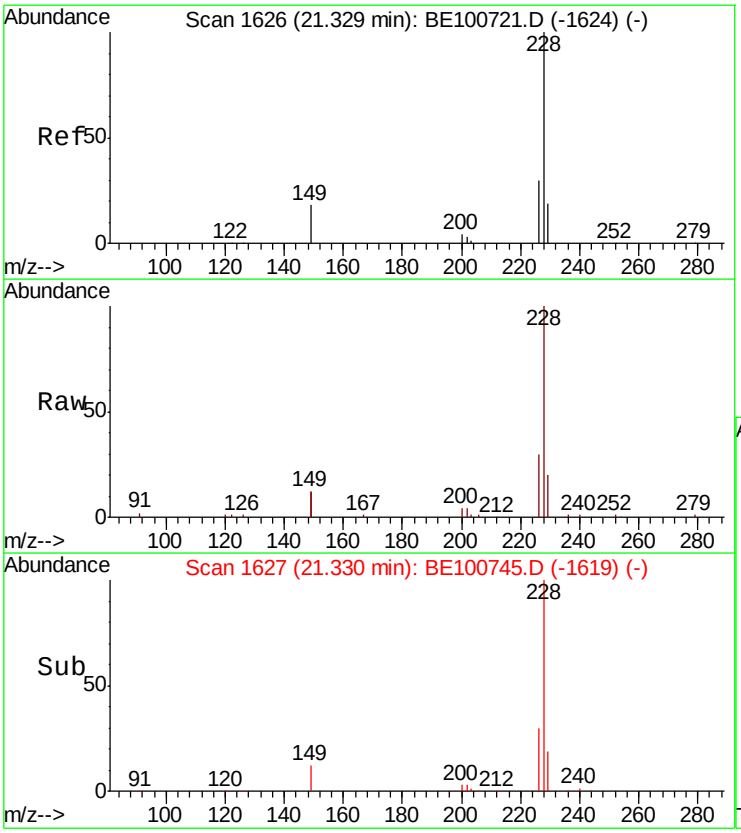
#30
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 32814

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.1	31.7
229	20.3	15.9	23.9

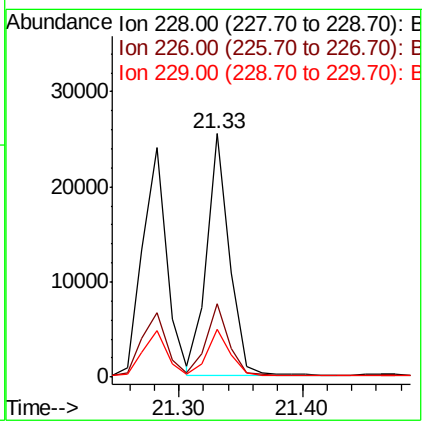


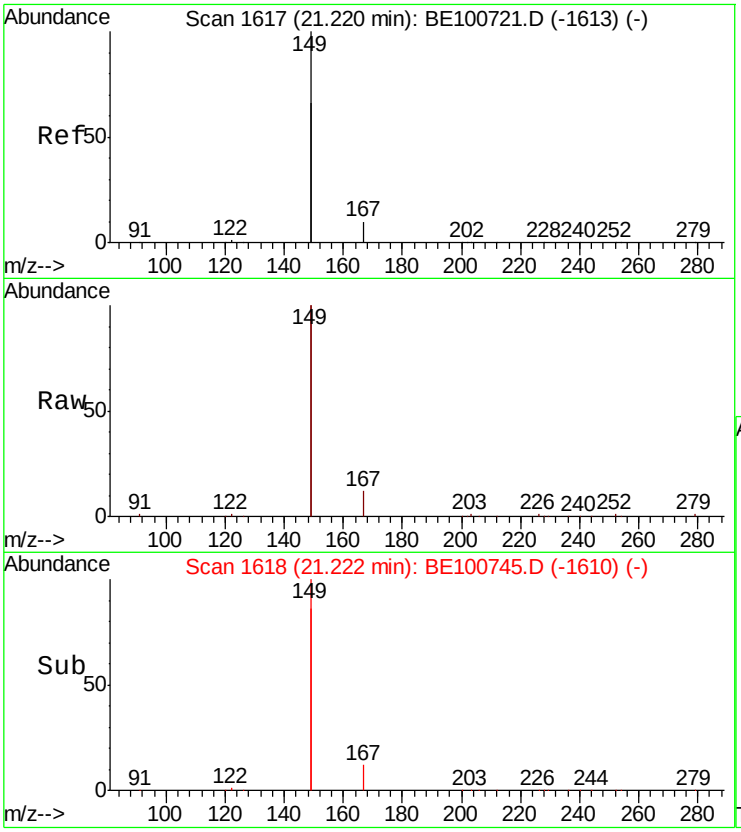


#31
Chrysene
Concen: 0.381 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:228 Resp: 32296

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	19.8	15.5	23.3



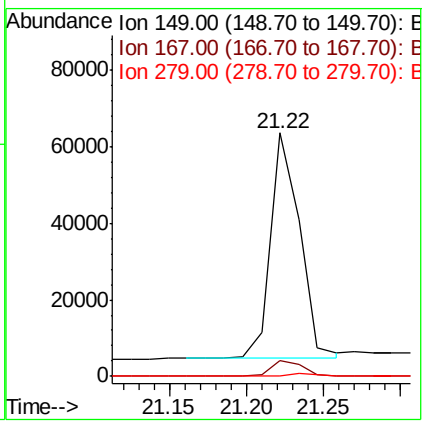


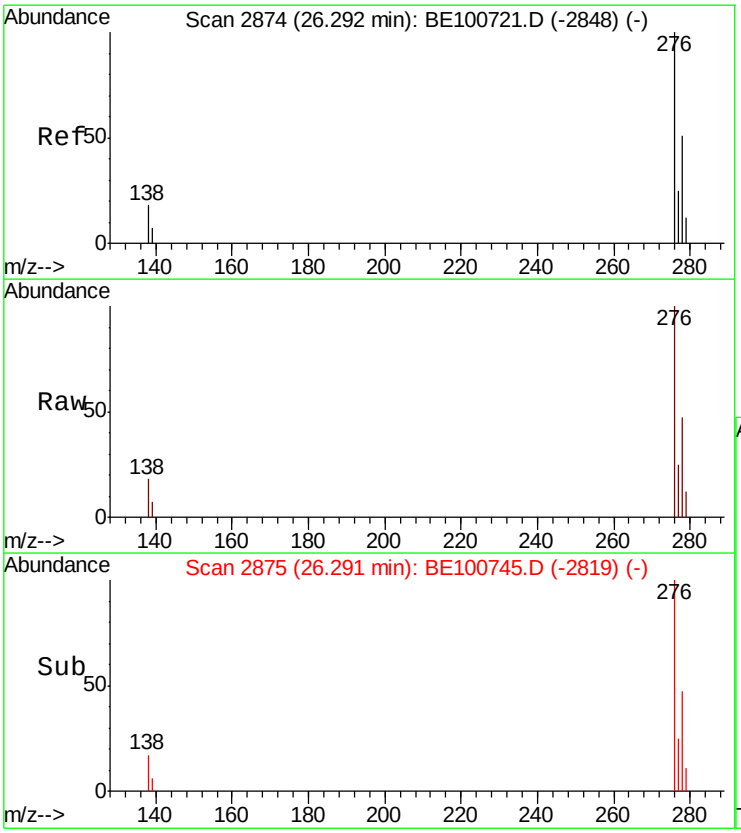
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.527 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 78148

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.1	0.9	1.3

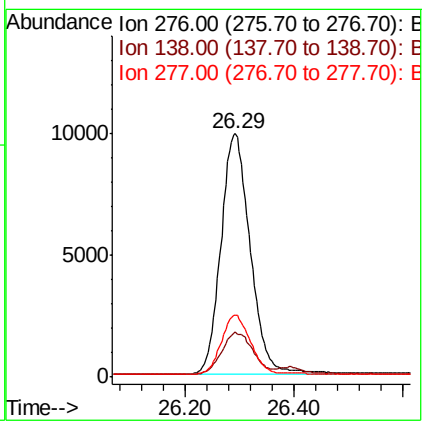


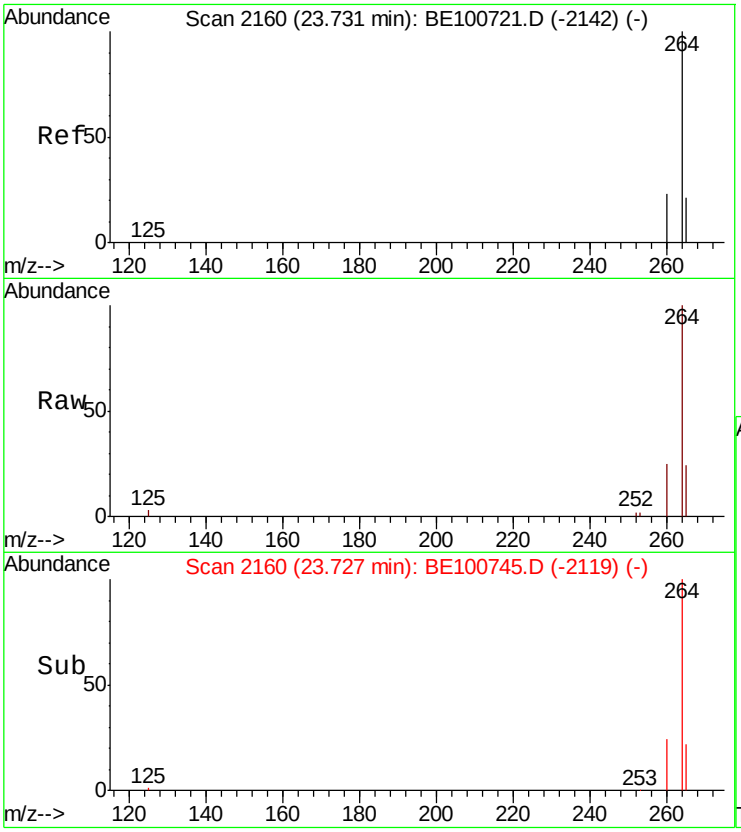


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.29 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:276 Resp: 37118

Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.8	22.2
277	24.6	19.6	29.4



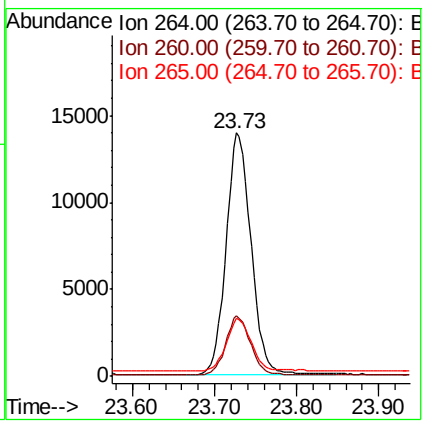


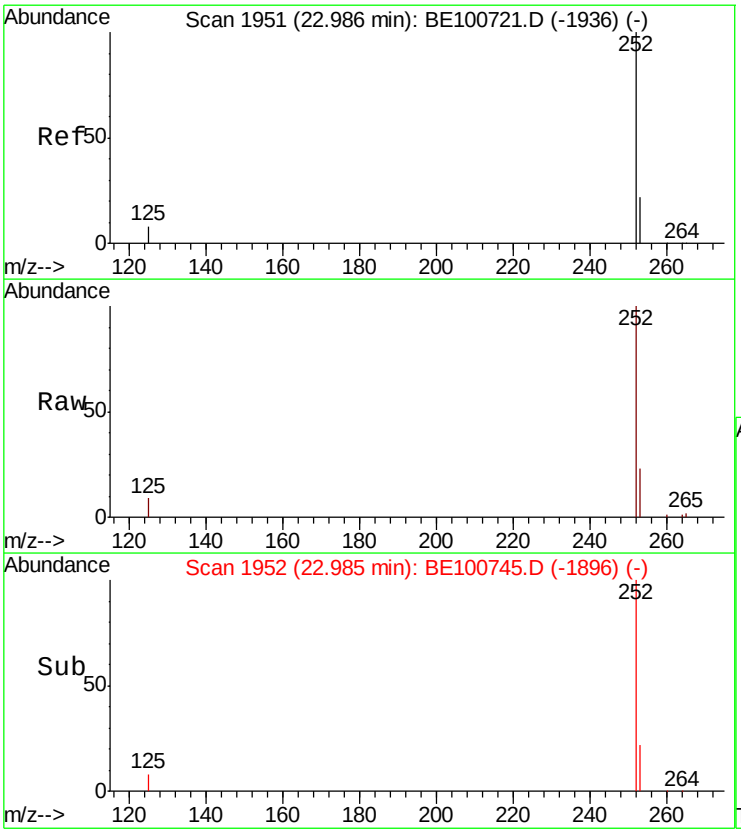
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 29363

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	23.8	19.7	29.5

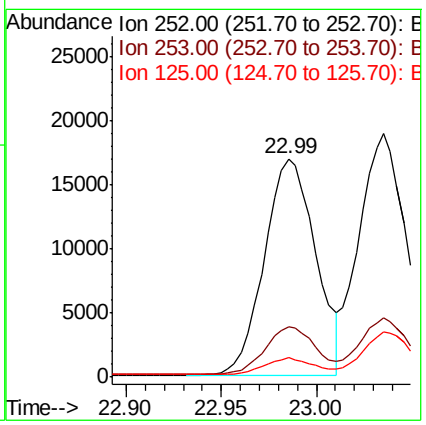


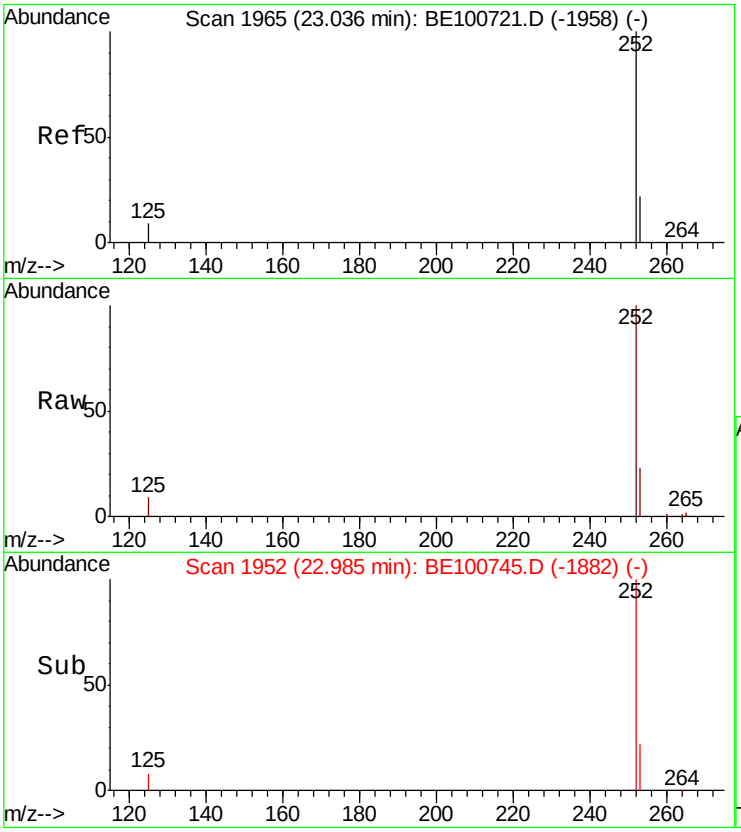


#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 22.99 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:252 Resp: 31677

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	8.7	7.0	10.4



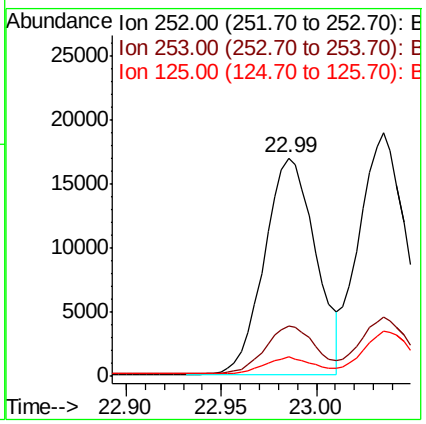


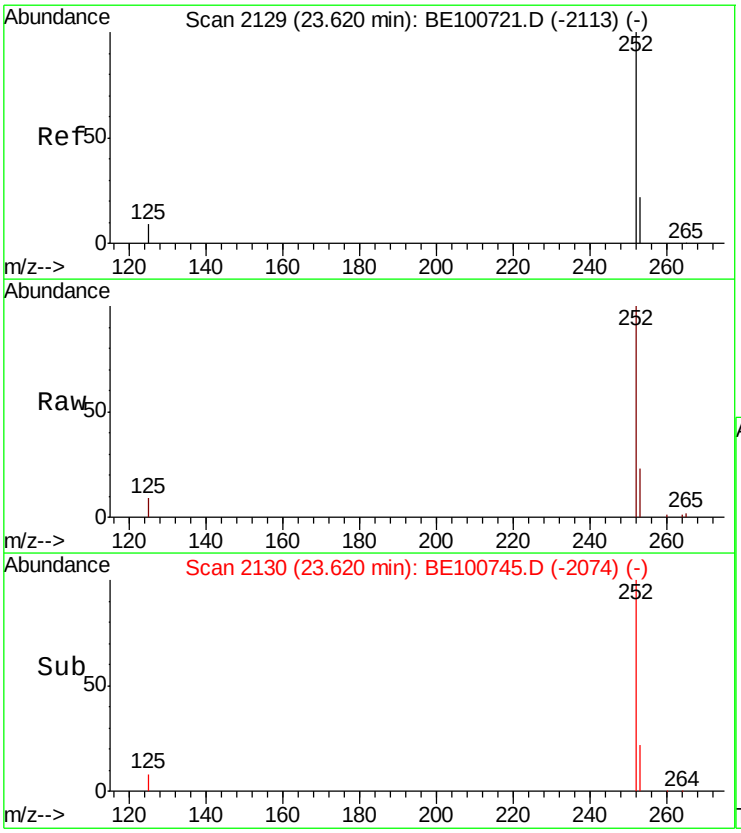
#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.99 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 31677

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	8.7	7.6	11.4

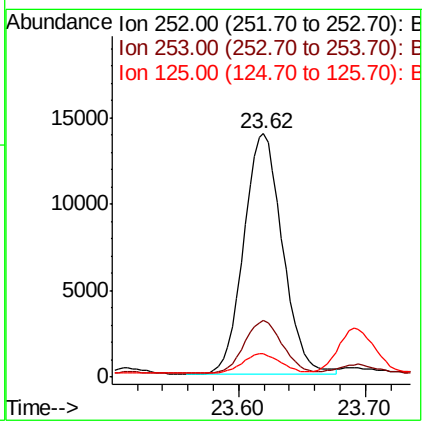


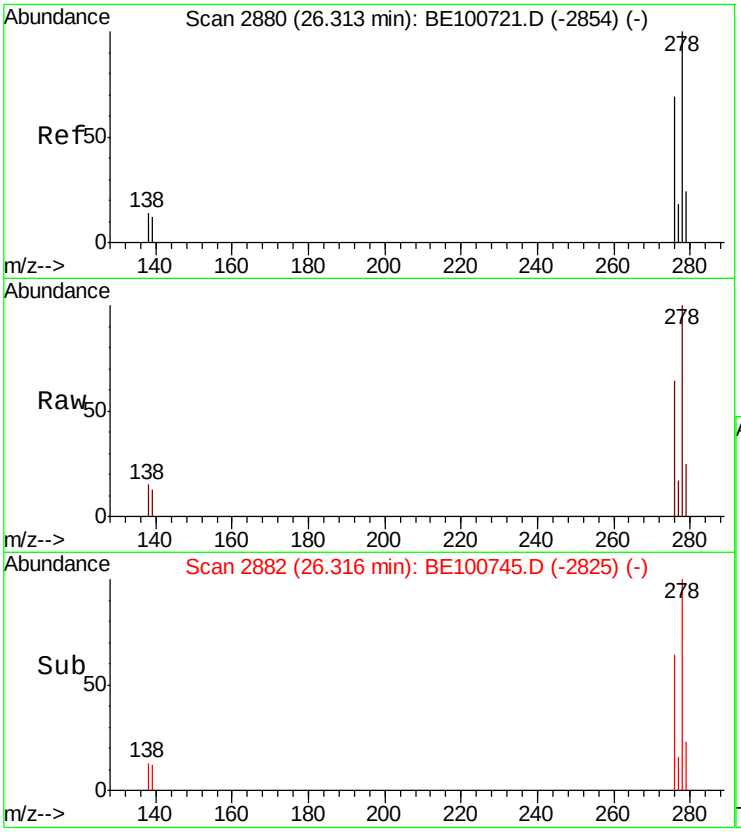


#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:252 Resp: 29673

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	9.5	7.9	11.9



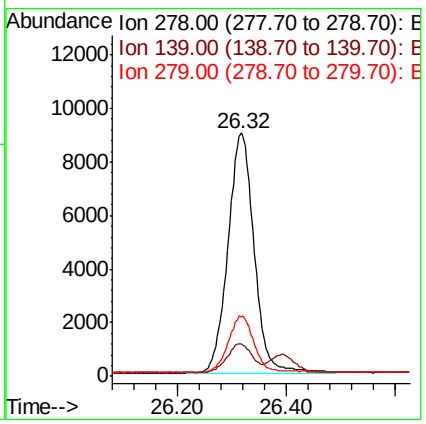


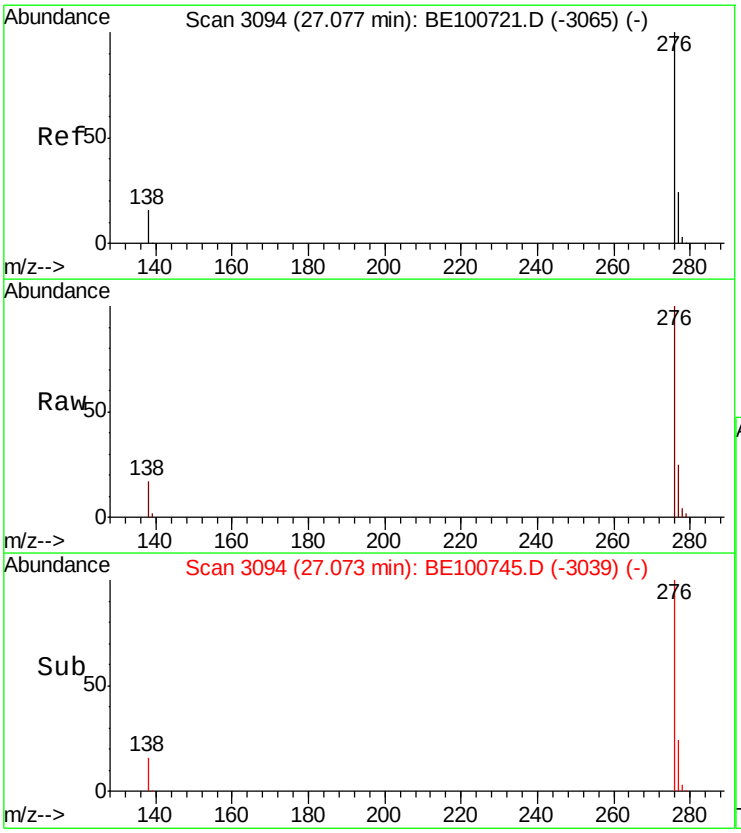
#38
Dibenzo(a,h)anthracene
Concen: 0.366 ng
RT: 26.32 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 30446

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.3	15.5
279	24.5	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 27.07 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BE100745.D
Acq: 15 Nov 2019 20:00

Tgt Ion:276 Resp: 30680

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.6
138	17.0	13.6	20.4