Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
Data File : BE100580.D
Acq On : 30 Sep 2019 10:36
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 01 03:50:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3823	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	18553	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	10933	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	26171	0.40	ng		0.00
27) Chrysene-d12	21.37	240	31165	0.40	ng		0.00
34) Perylene-d12	23.85	264	37513	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	4112	0.36	ng		0.00
5) Phenol-d6	7.02	99	5453	0.36	ng		0.00
8) Nitrobenzene-d5	9.00	82	4663	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	10840	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1010	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	15351	0.41	ng		0.00
25) Fluoranthene-d10	19.24	212	124993	0.38	ng		0.00
29) Terphenyl-d14	19.83	244	29642	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2571	0.371	ng		96
3) n-Nitrosodimethylamine	3.66	42	1175	0.320	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	4881	0.369	ng		99
9) Naphthalene	10.69	128	75307	0.391	ng		100
10) Hexachlorobutadiene	10.99	225	2386	0.407	ng		99
12) 2-Methylnaphthalene	12.31	142	12289	0.375	ng		100
16) Acenaphthylene	14.21	152	18354	0.377	ng		99
17) Acenaphthene	14.54	154	12141	0.388	ng		99
18) Fluorene	15.52	166	15755	0.387	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	4678	0.383	ng		96
21) Hexachlorobenzene	16.53	284	4064	0.405	ng		99
22) Pentachlorophenol	16.88	266	888	0.437	ng		97
23) Phenanthrene	17.26	178	29454	0.399	ng		100
24) Anthracene	17.34	178	24431	0.366	ng		100
26) Fluoranthene	19.26	202	36709	0.396	ng		100
28) Pyrene	19.62	202	38006	0.403	ng		100
30) Benzo(a)anthracene	21.35	228	35013	0.381	ng		100
31) Chrysene	21.40	228	37504	0.401	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	68439	0.281	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	45389	0.393	ng		99
35) Benzo(b)fluoranthene	23.09	252	38591	0.376	ng		99
36) Benzo(k)fluoranthene	23.14	252	41759	0.373	ng		99
37) Benzo(a)pyrene	23.73	252	36635	0.374	ng		99
38) Dibenzo(a,h)anthracene	26.49	278	37265	0.373	ng		99
39) Benzo(g,h,i)perylene	27.28	276	38169	0.374	ng		99

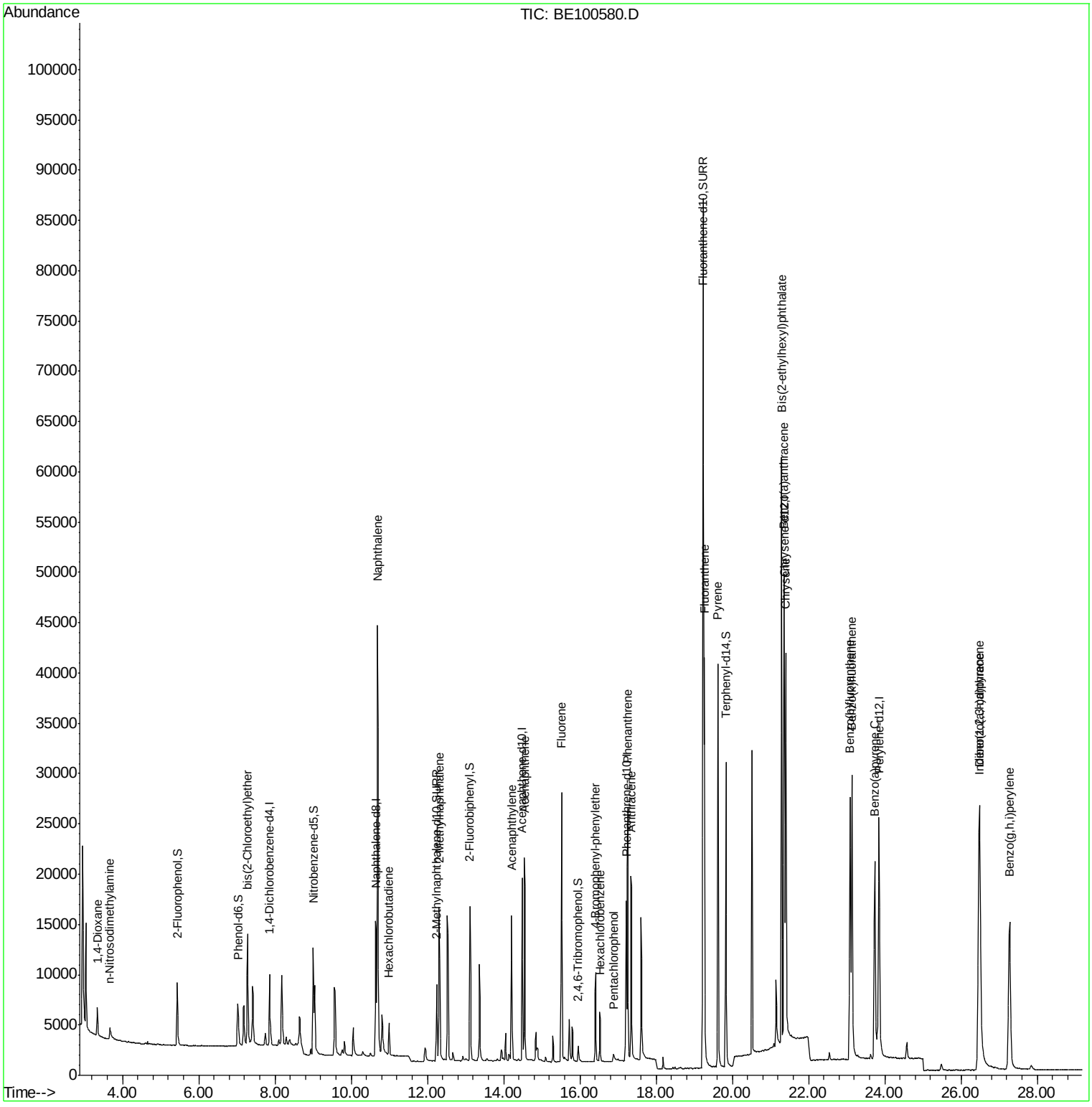
(#) = qualifier out of range (m) = manual integration (+) = signals summed

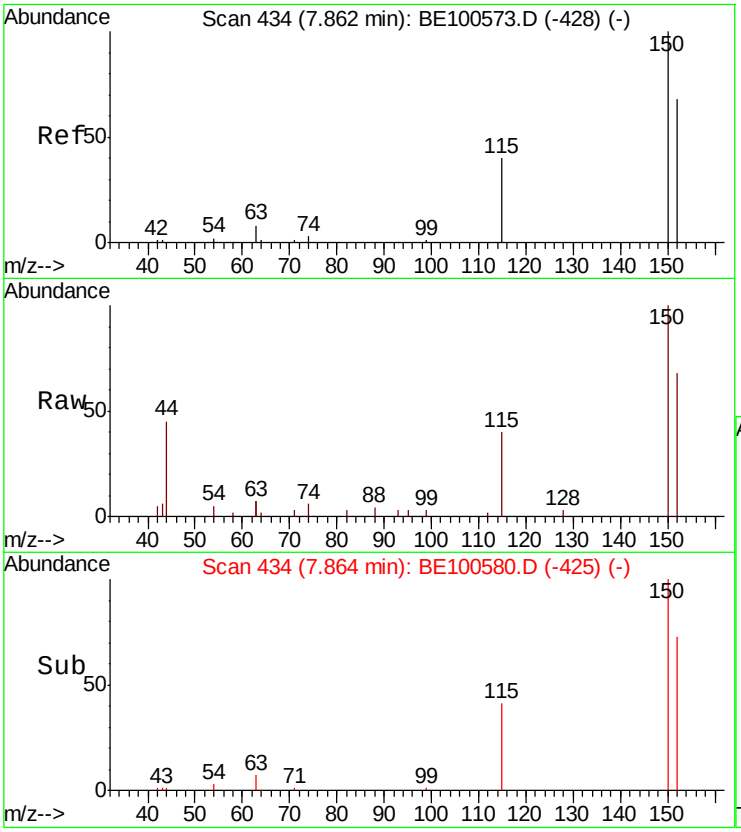
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
Data File : BE100580.D
Acq On : 30 Sep 2019 10:36
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 01 03:50:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration



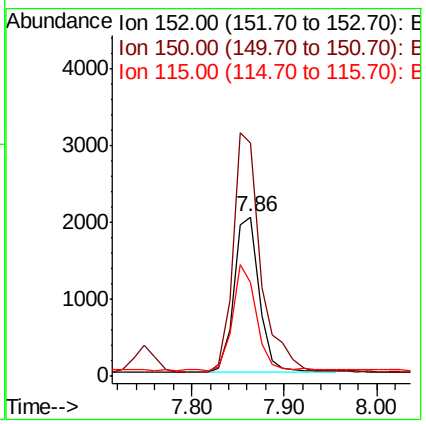


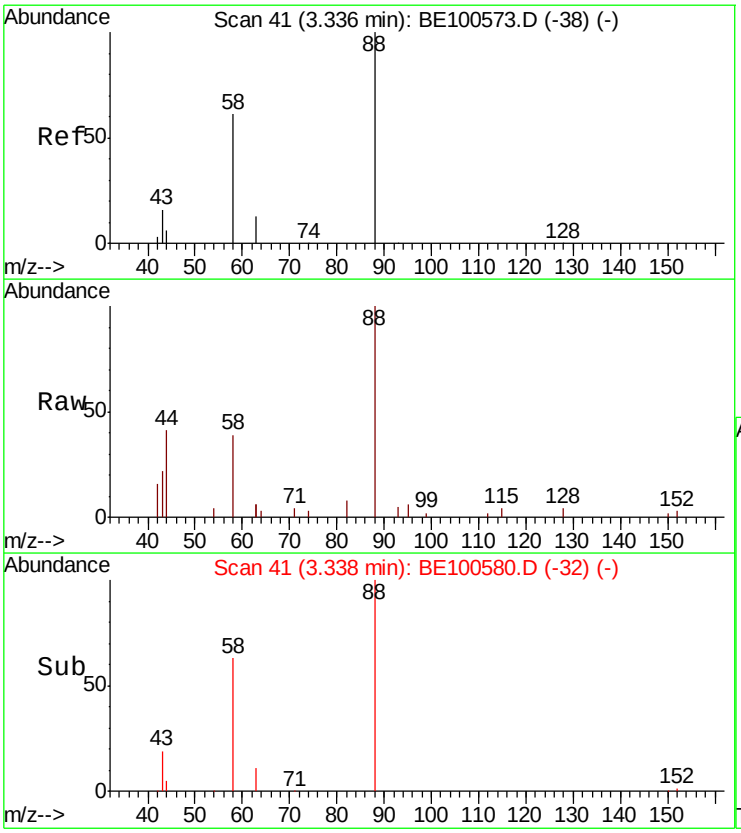
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 3823

Ion	Ratio	Lower	Upper
152	100		
150	146.1	116.9	175.3
115	58.8	50.2	75.4

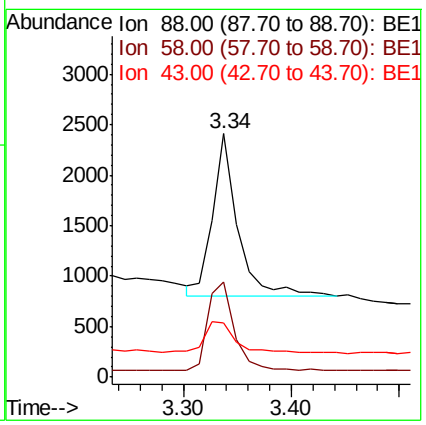


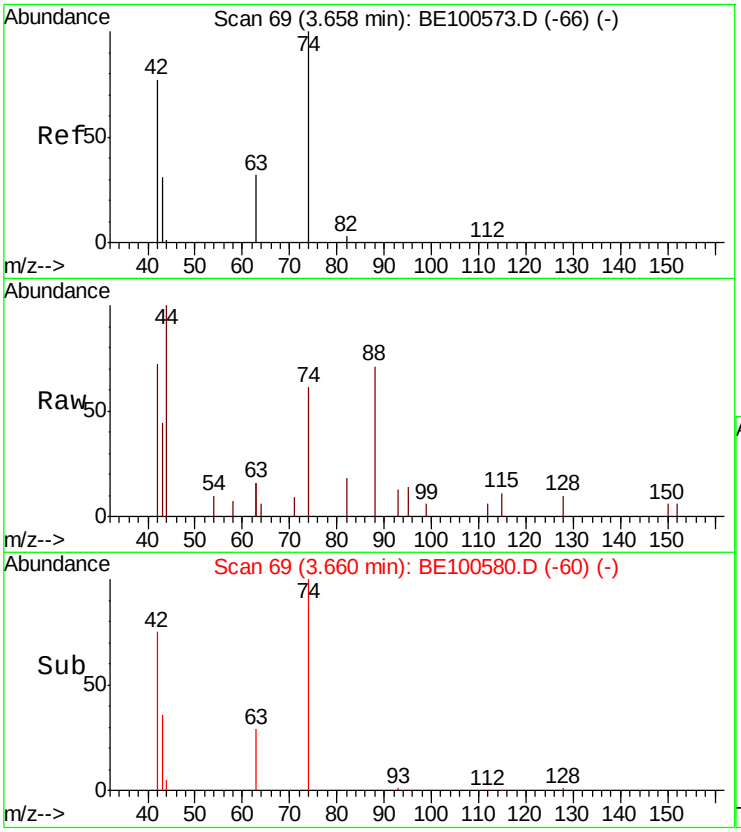


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion: 88 Resp: 2571

Ion	Ratio	Lower	Upper
88	100		
58	60.2	46.4	69.6
43	24.2	16.7	25.1



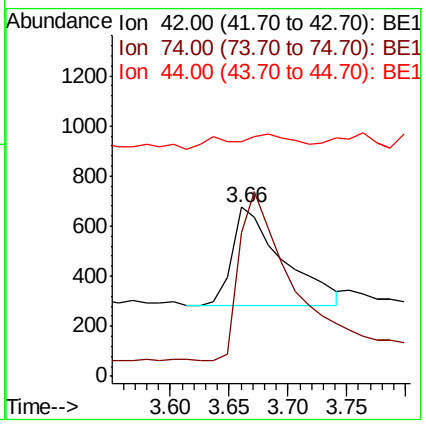


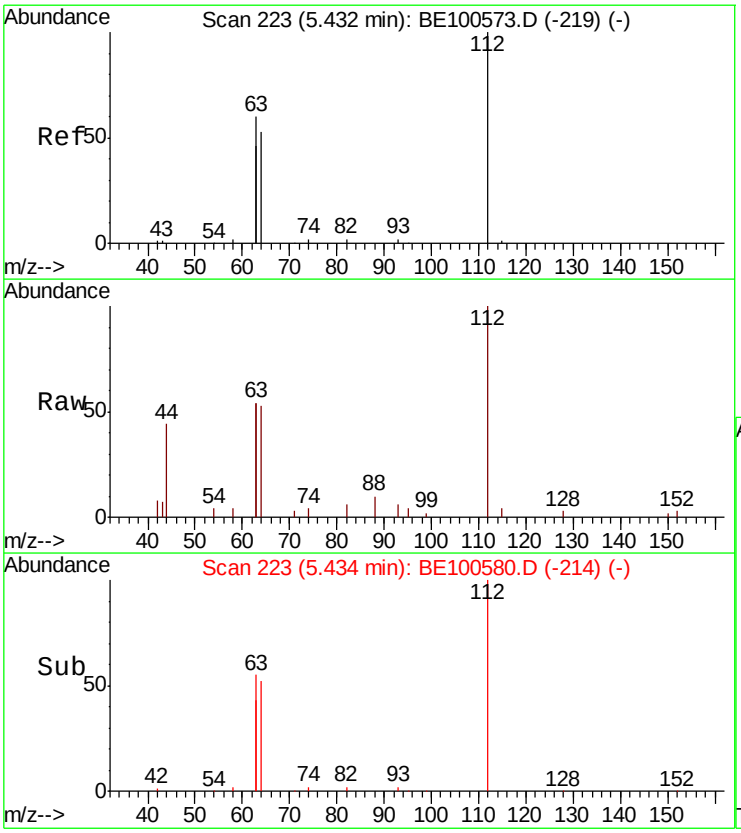
#3
n-Nitrosodimethylamine
Concen: 0.320 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1175

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

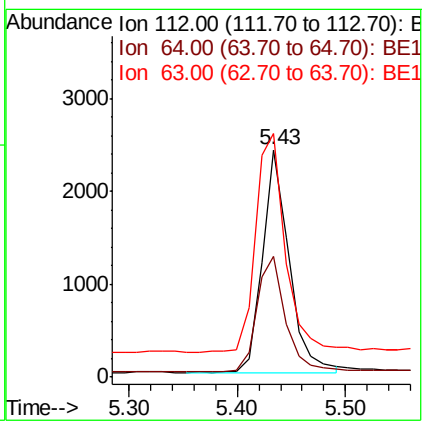


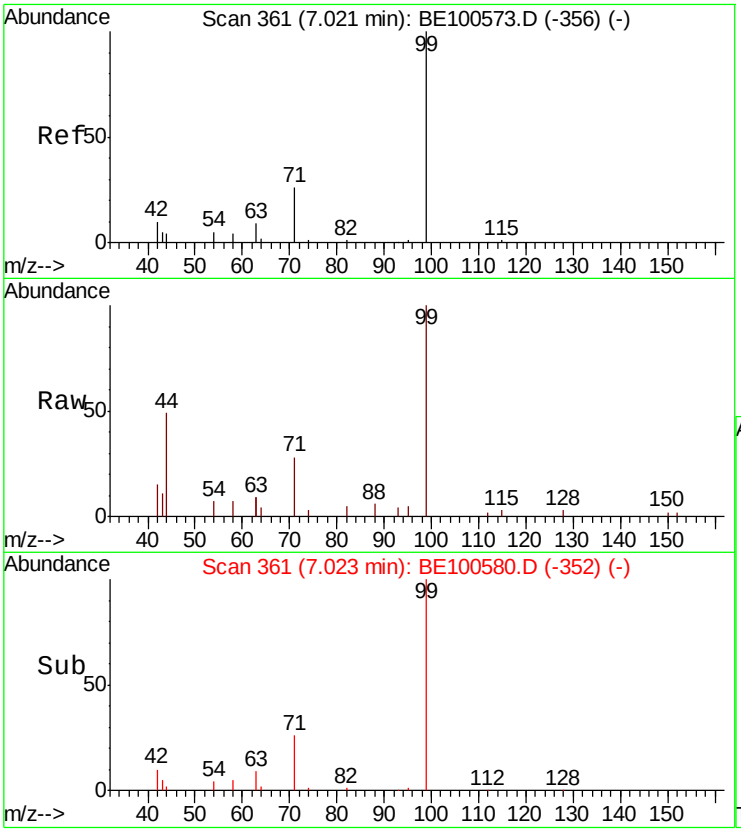


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:112 Resp: 4112

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	109.8	90.1	135.1



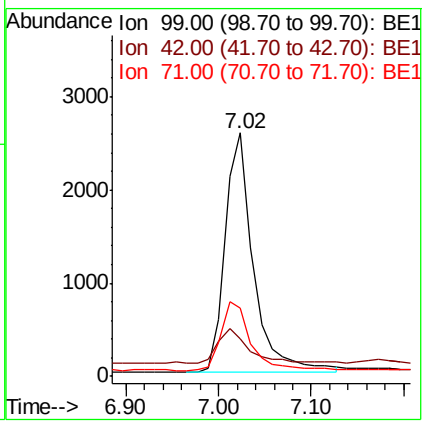


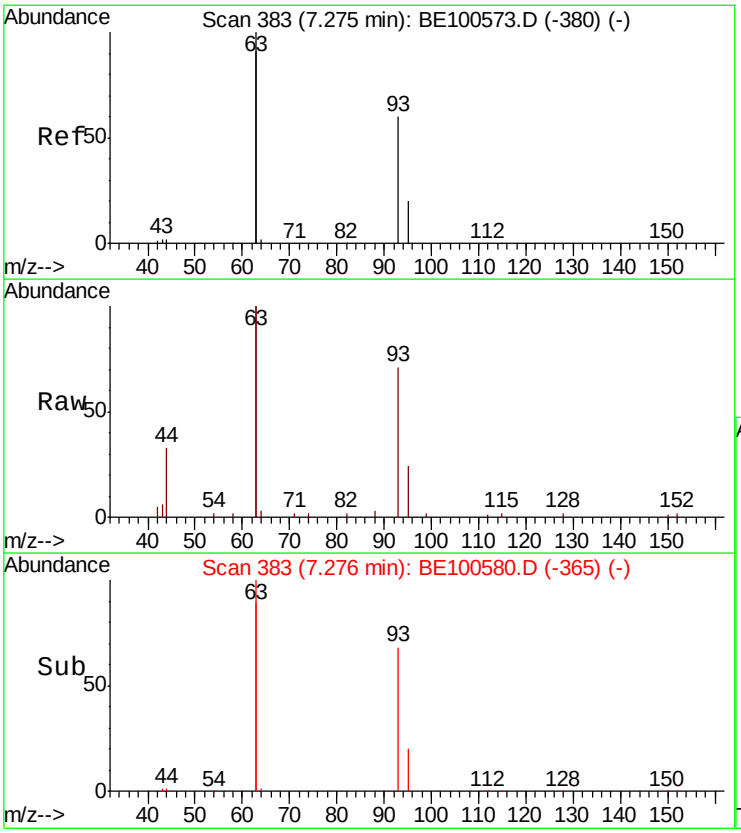
#5
Phenol-d6
Concen: 0.356 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 5453

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.7	17.5
71	30.1	23.6	35.4

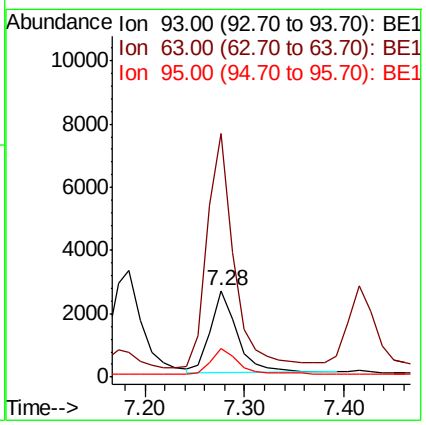


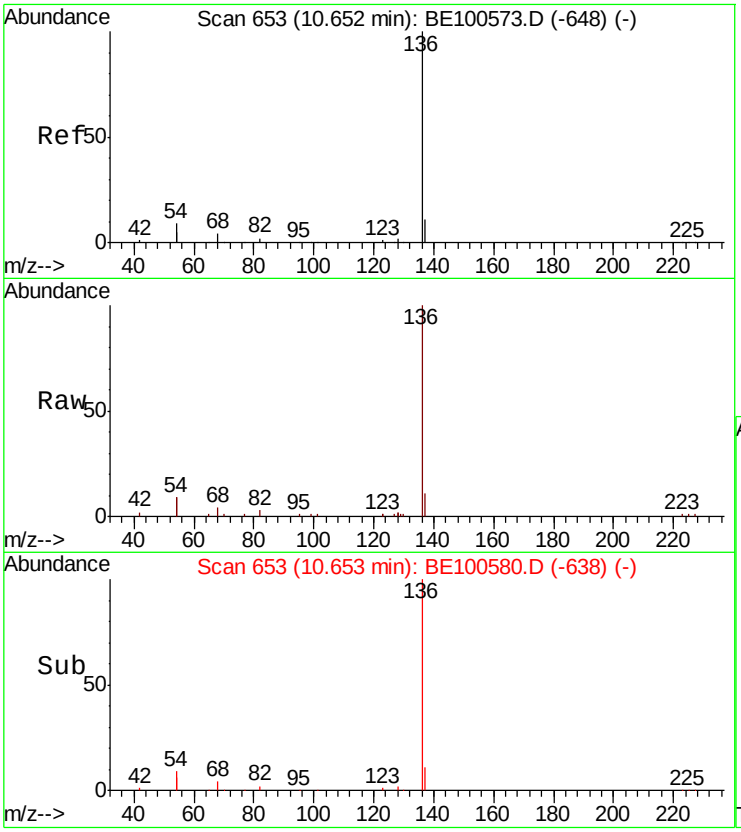


#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion: 93 Resp: 4881

Ion	Ratio	Lower	Upper
93	100		
63	286.0	228.3	342.5
95	31.8	24.2	36.4



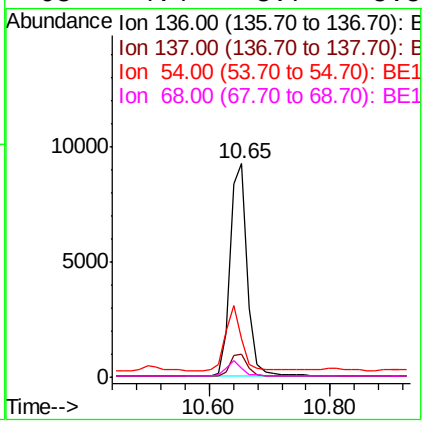


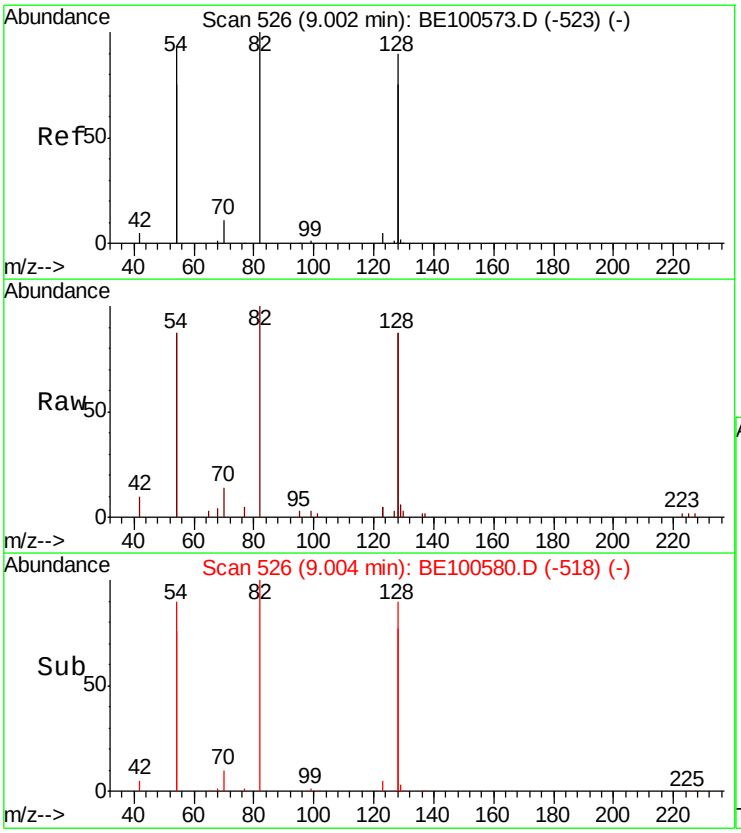
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 18553

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	17.9	15.0	22.6
68	4.4	3.7	5.5

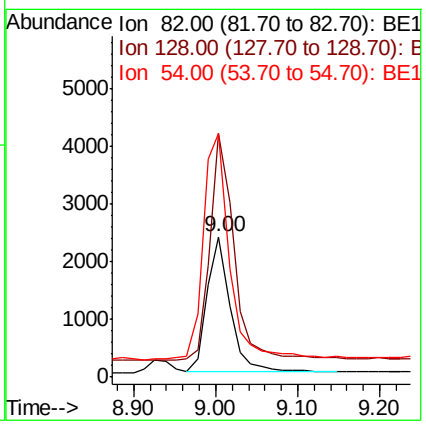


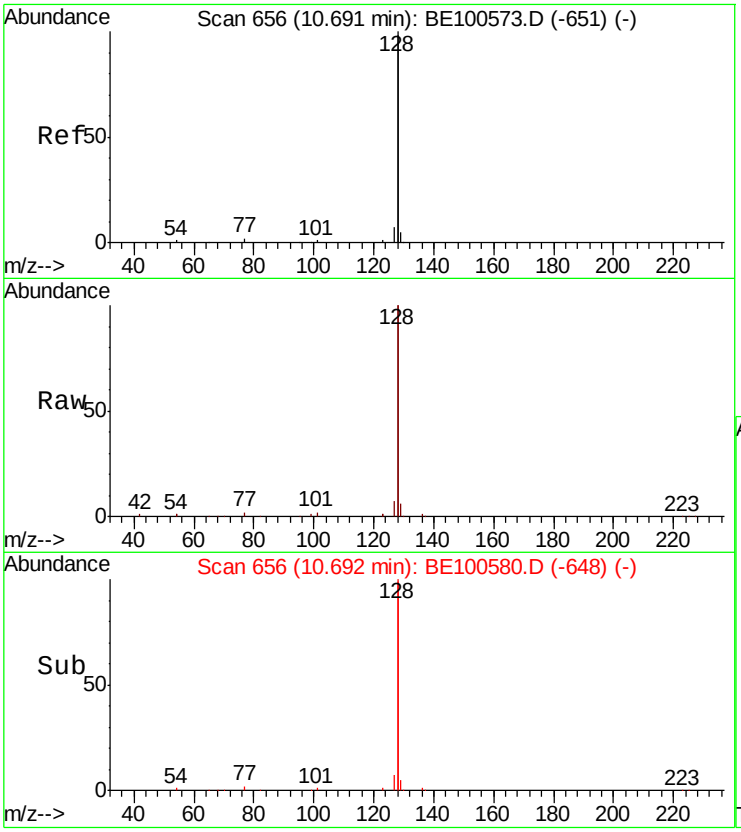


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion: 82 Resp: 4663

Ion	Ratio	Lower	Upper
82	100		
128	173.6	137.9	206.9
54	173.4	143.0	214.6



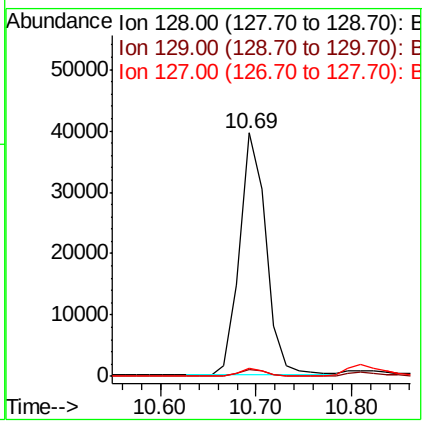


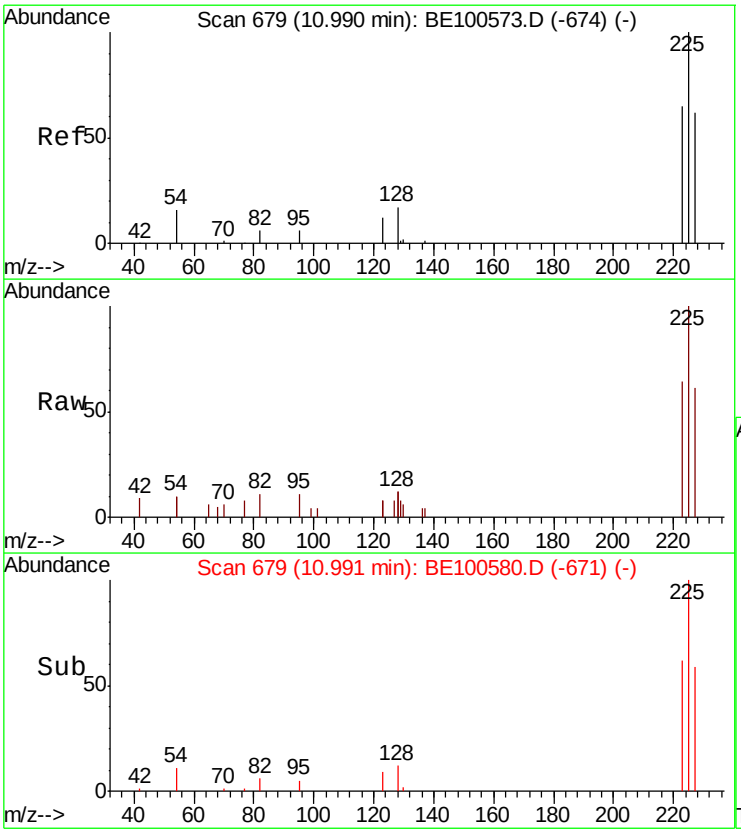
#9
Naphthalene
Concen: 0.391 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 75307

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.4	2.8	4.2

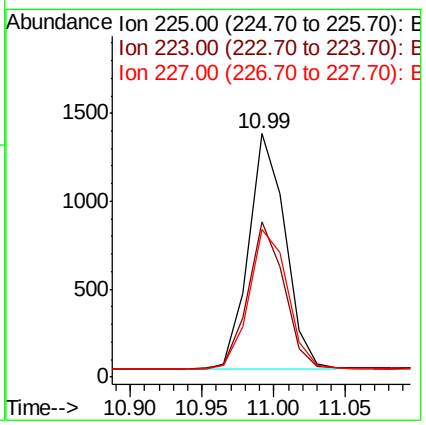


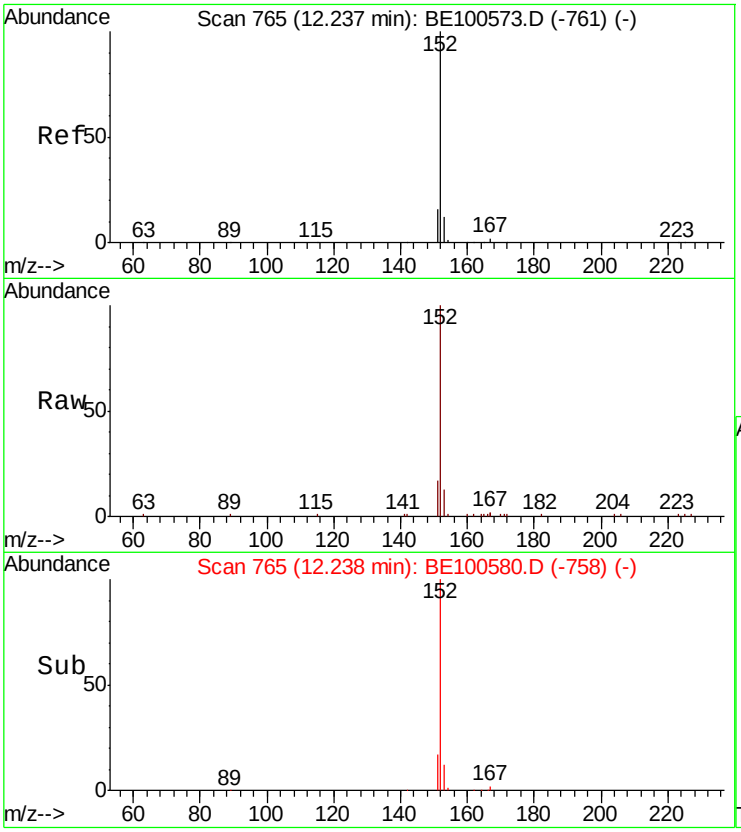


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:225 Resp: 2386

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.4	74.0
227	62.1	50.3	75.5



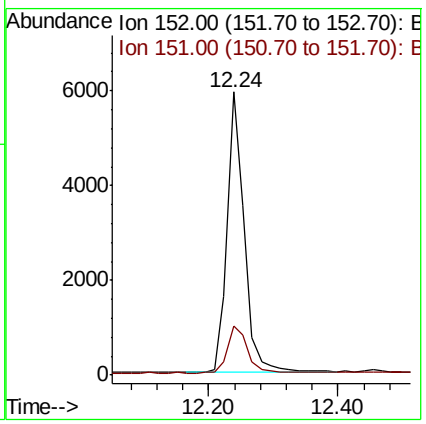


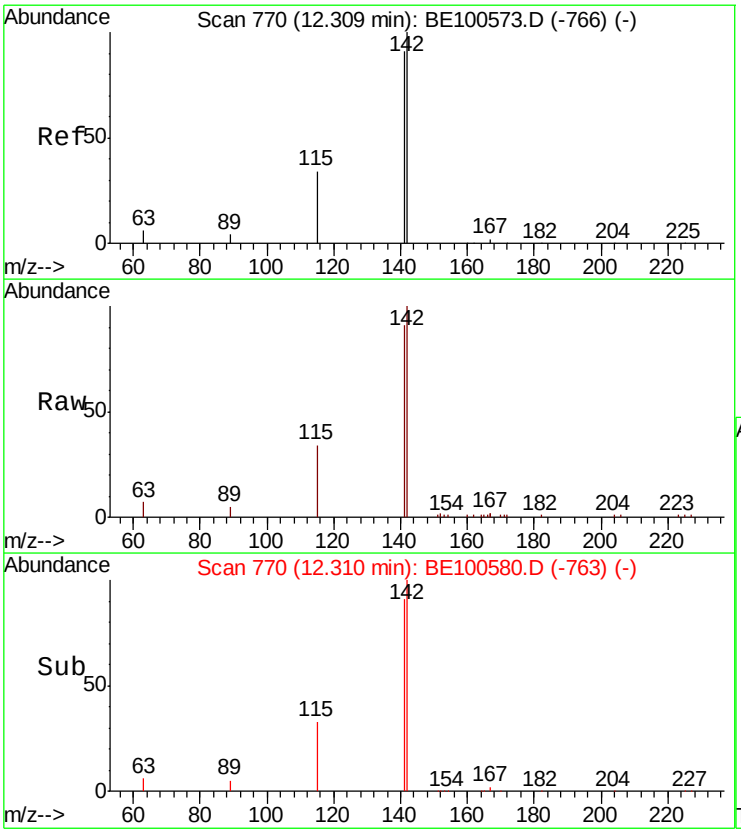
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 10840

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

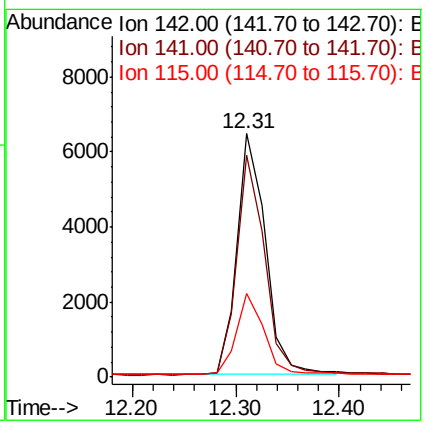


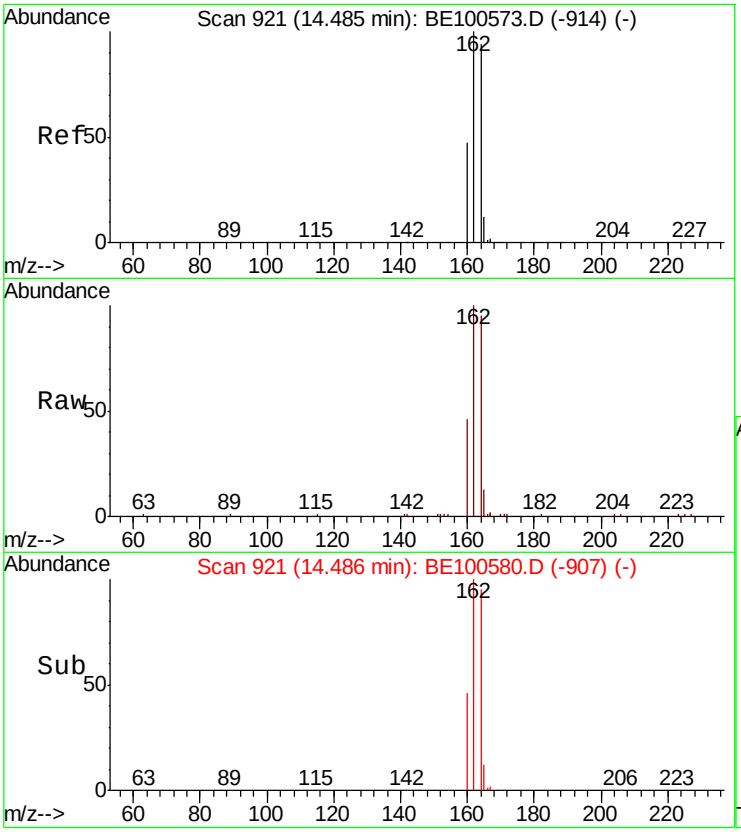


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:142 Resp: 12289

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8
115	34.4	28.2	42.2



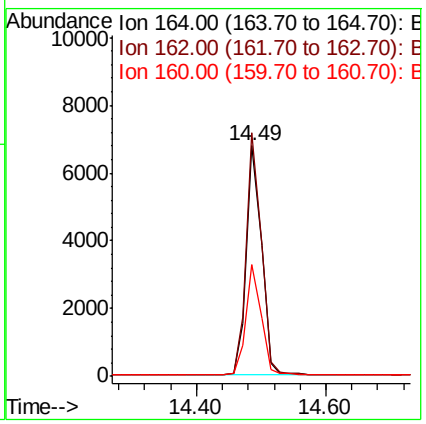


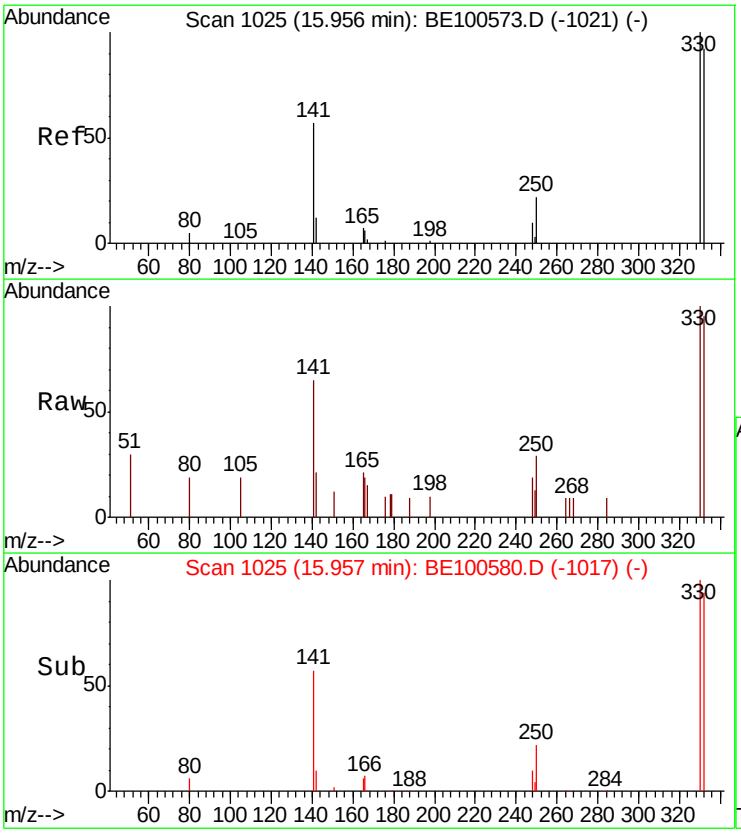
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 10933

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.0	127.4
160	48.8	40.2	60.4

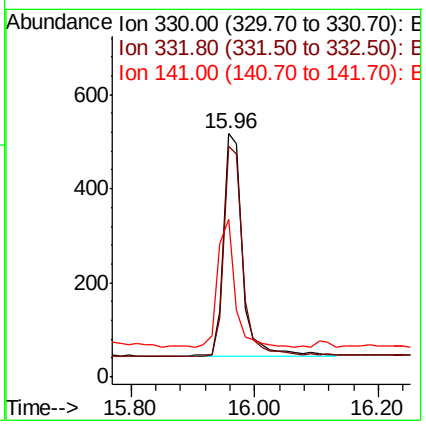


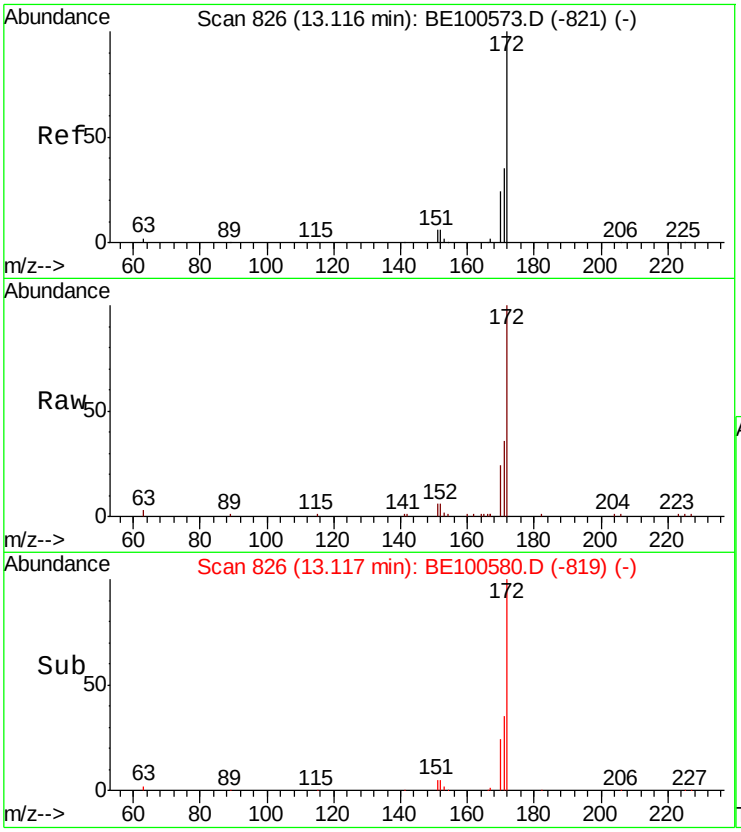


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:330 Resp: 1010

Ion	Ratio	Lower	Upper
330	100		
332	93.3	78.1	117.1
141	52.3	42.1	63.1



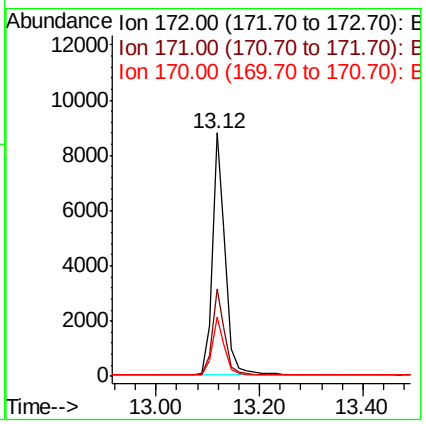


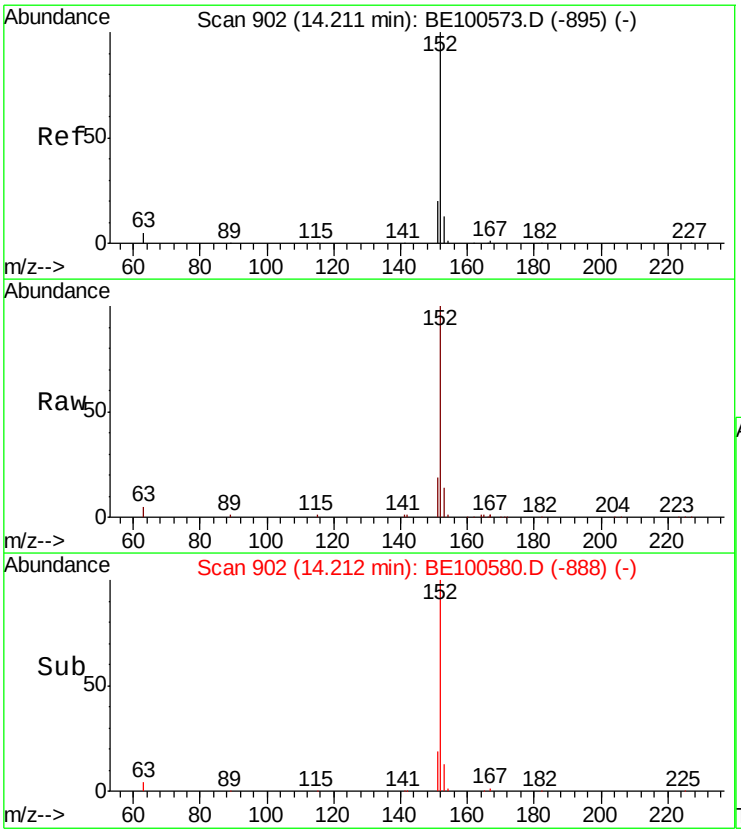
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 15351

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	24.3	19.2	28.8

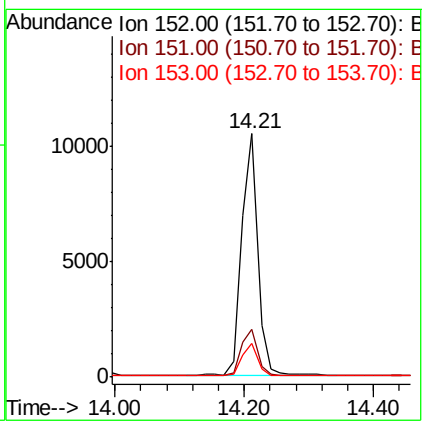


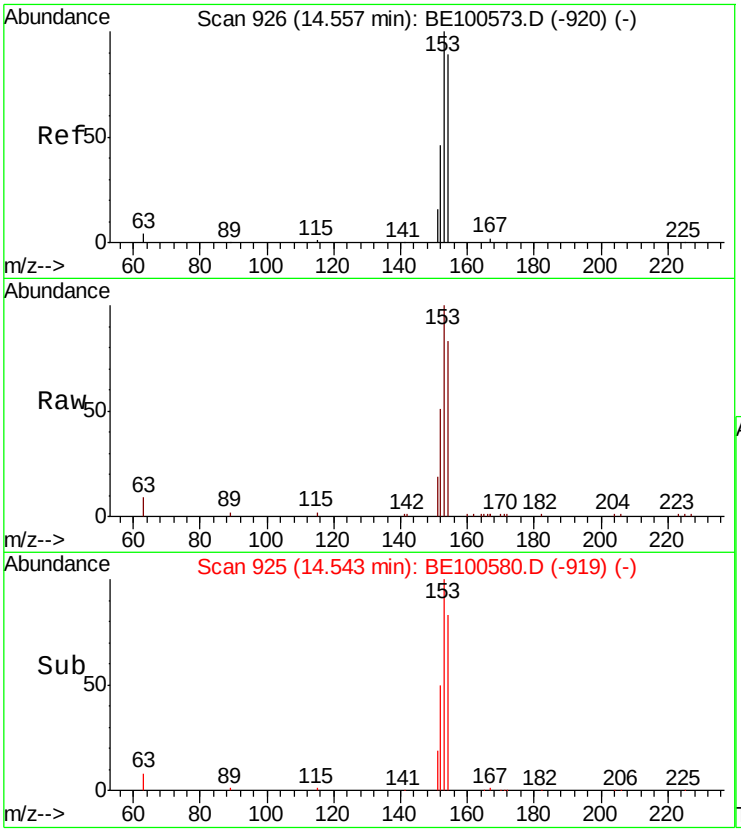


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:152 Resp: 18354

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.6	16.0



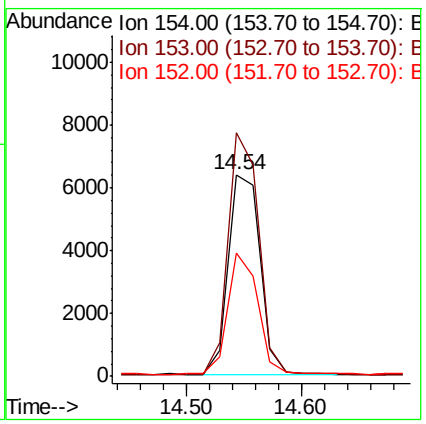


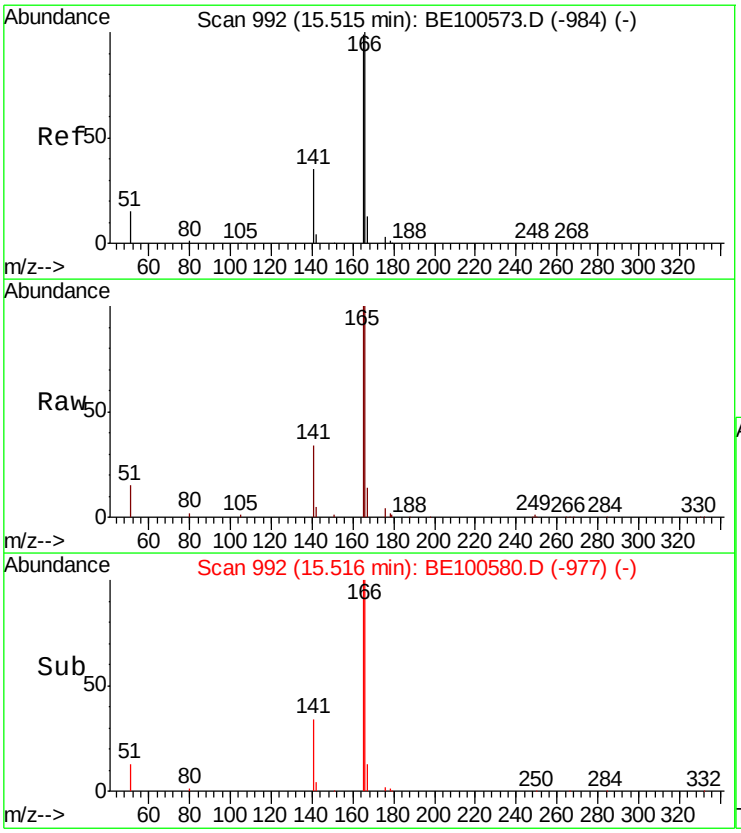
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 12141

Ion	Ratio	Lower	Upper
154	100		
153	116.8	92.7	139.1
152	57.6	45.6	68.4

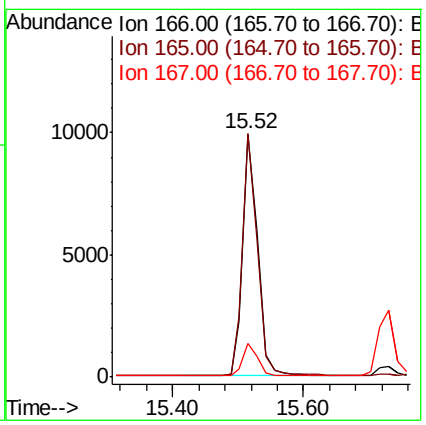


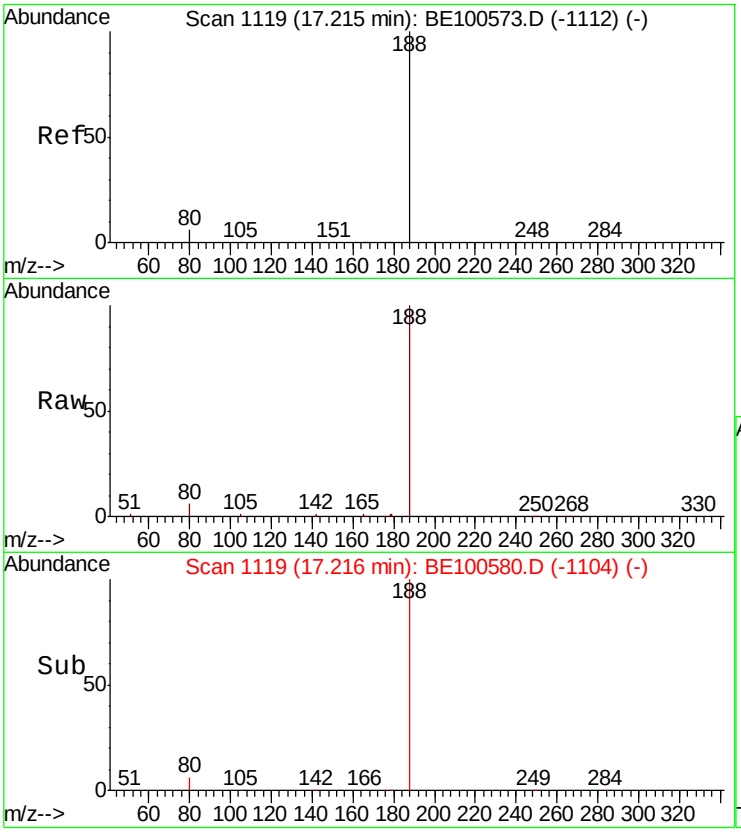


#18
Fluorene
Concen: 0.387 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:166 Resp: 15755

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.0	117.0
167	13.4	10.7	16.1



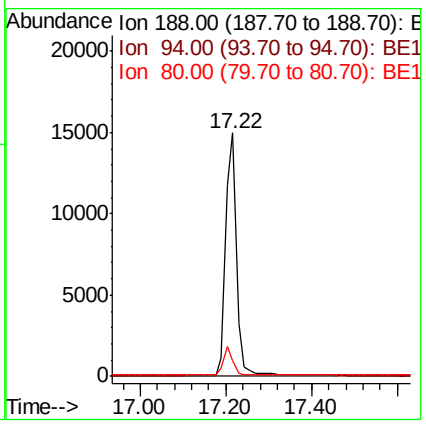


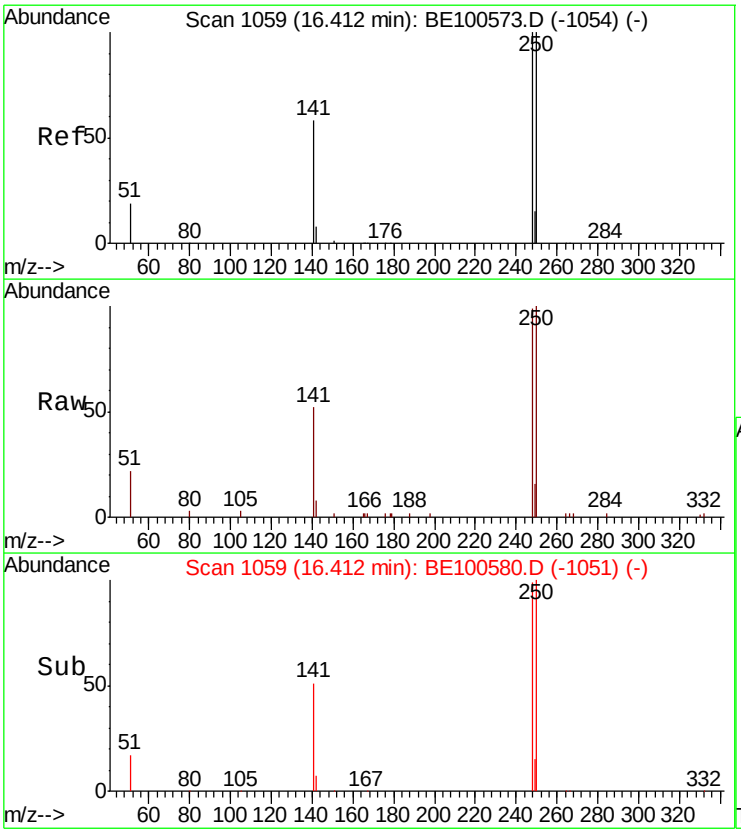
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 26171

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	5.6	8.4

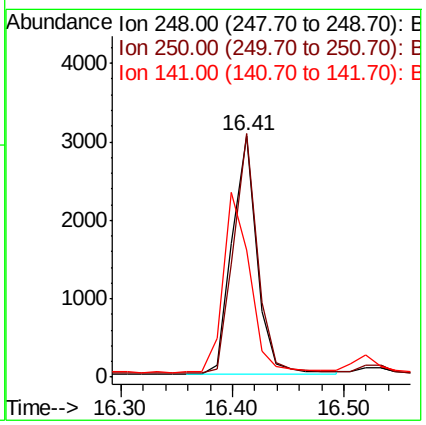


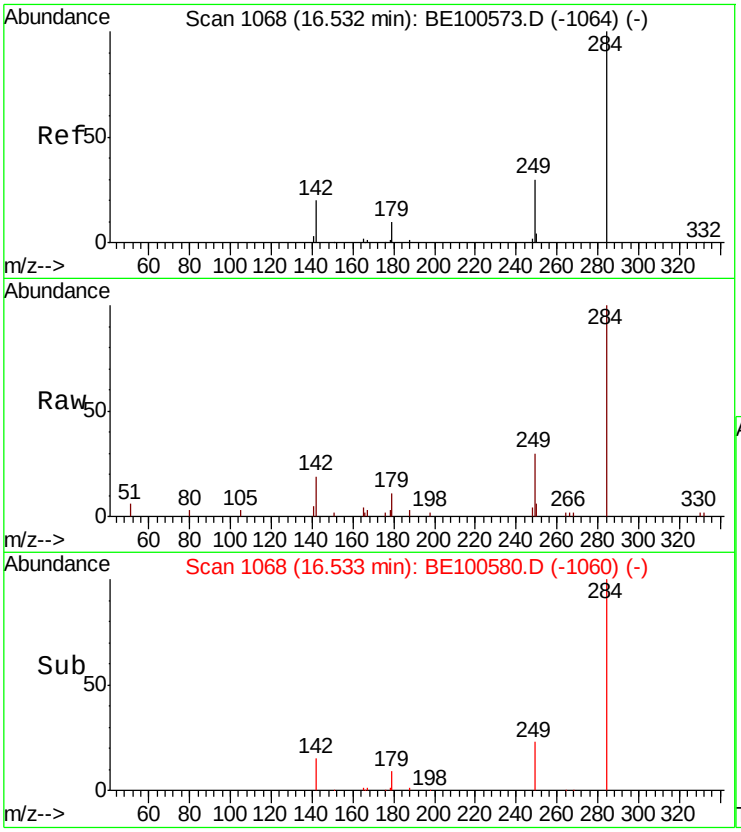


#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:248 Resp: 4678

Ion	Ratio	Lower	Upper
248	100		
250	100.7	79.9	119.9
141	52.6	47.7	71.5



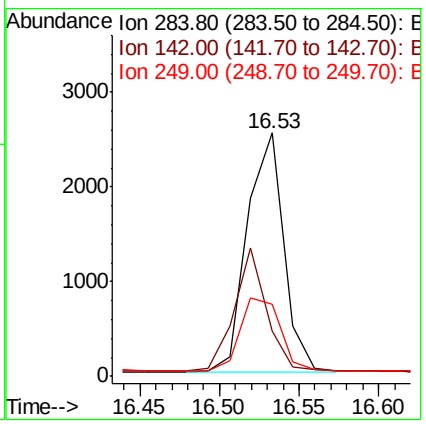


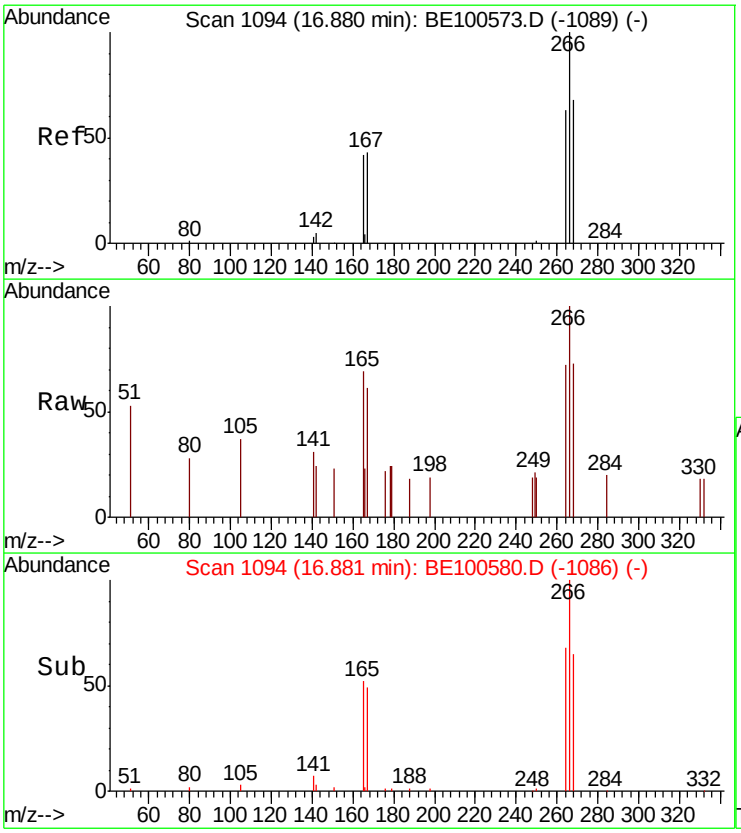
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 4064

Ion	Ratio	Lower	Upper
284	100		
142	45.3	37.0	55.4
249	33.4	27.0	40.4

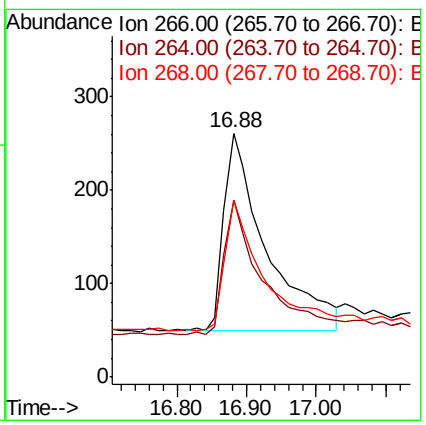


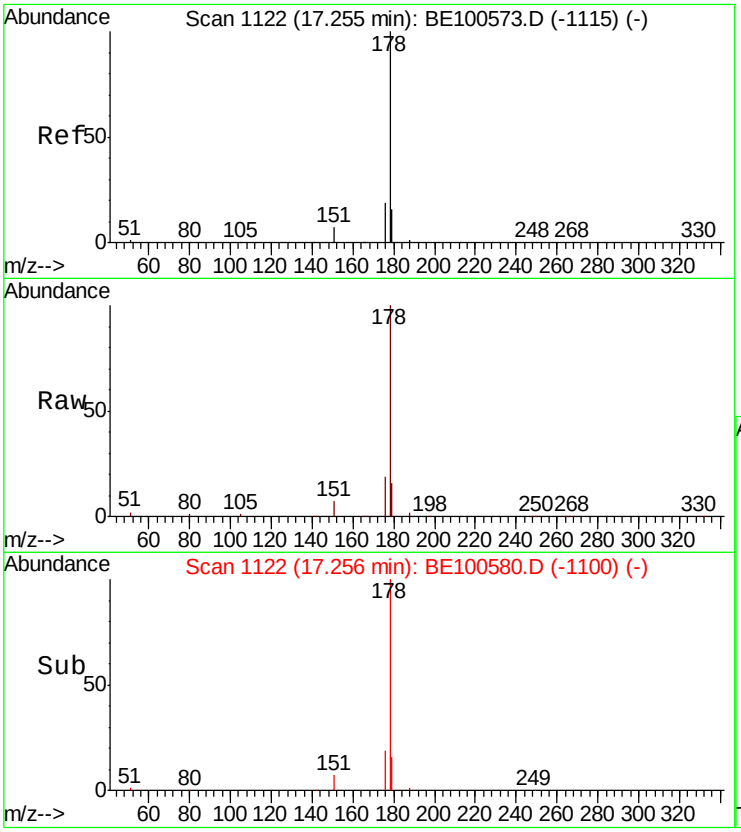


#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:266 Resp: 888

Ion	Ratio	Lower	Upper
266	100		
264	72.4	53.5	80.3
268	72.8	58.3	87.5



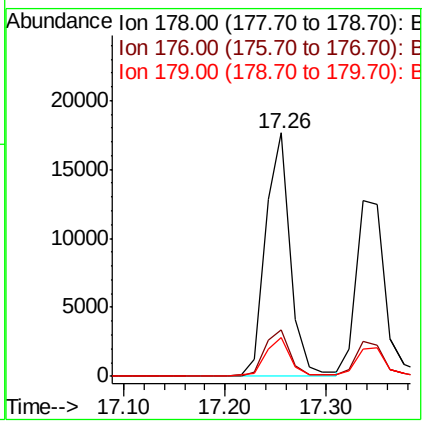


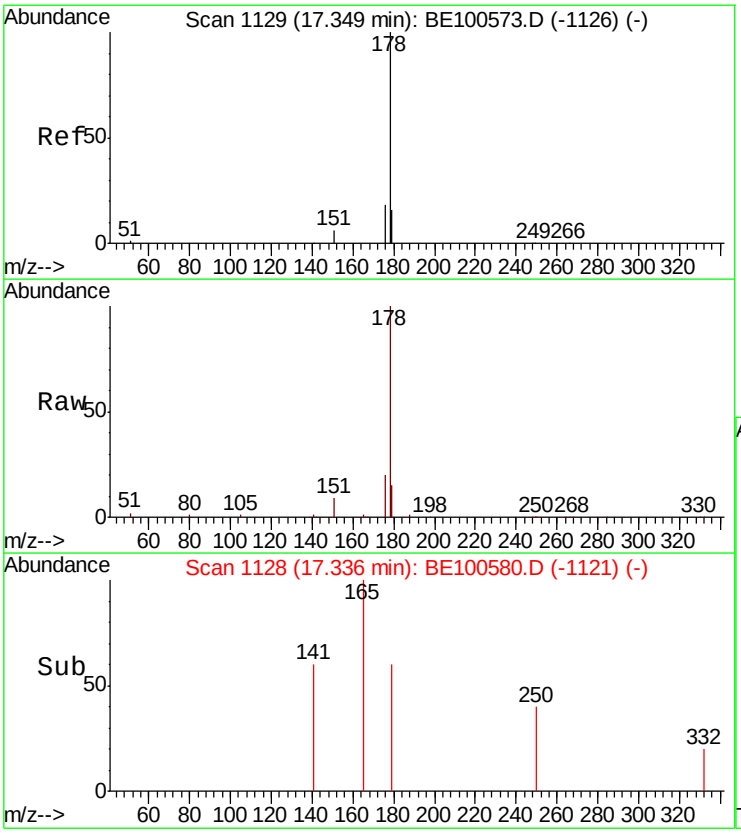
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 29454

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.4	18.6

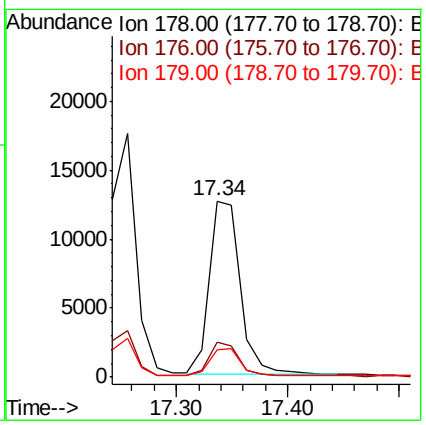


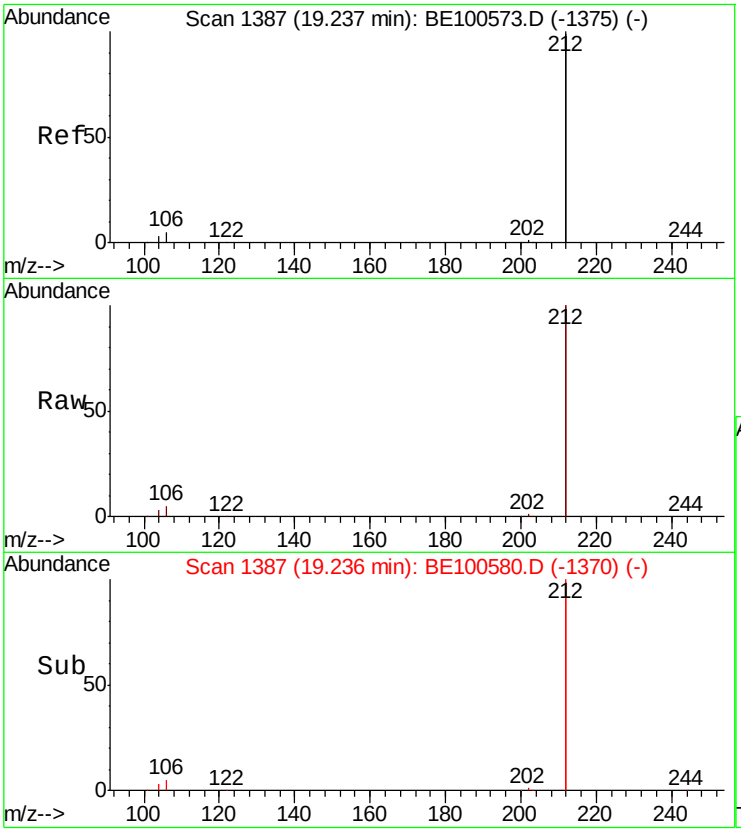


#24
Anthracene
Concen: 0.366 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:178 Resp: 24431

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.2	12.3	18.5



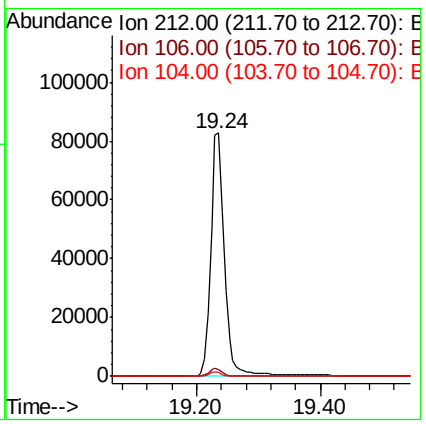


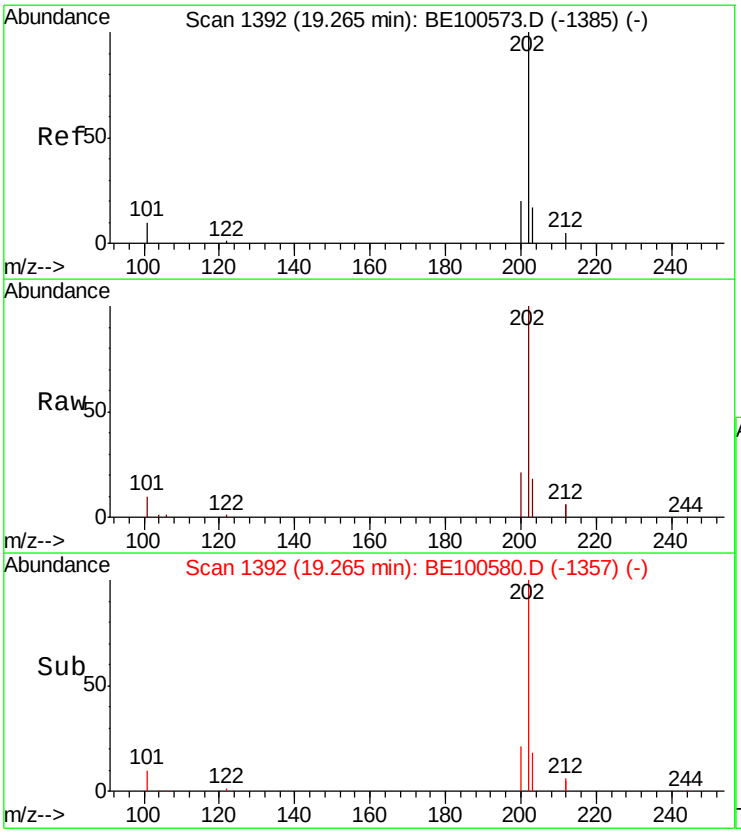
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:212 Resp: 124993

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.8	1.4	2.0

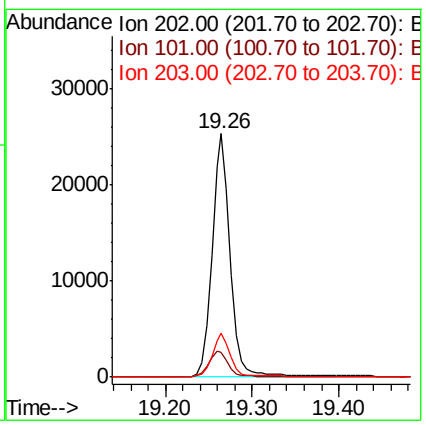


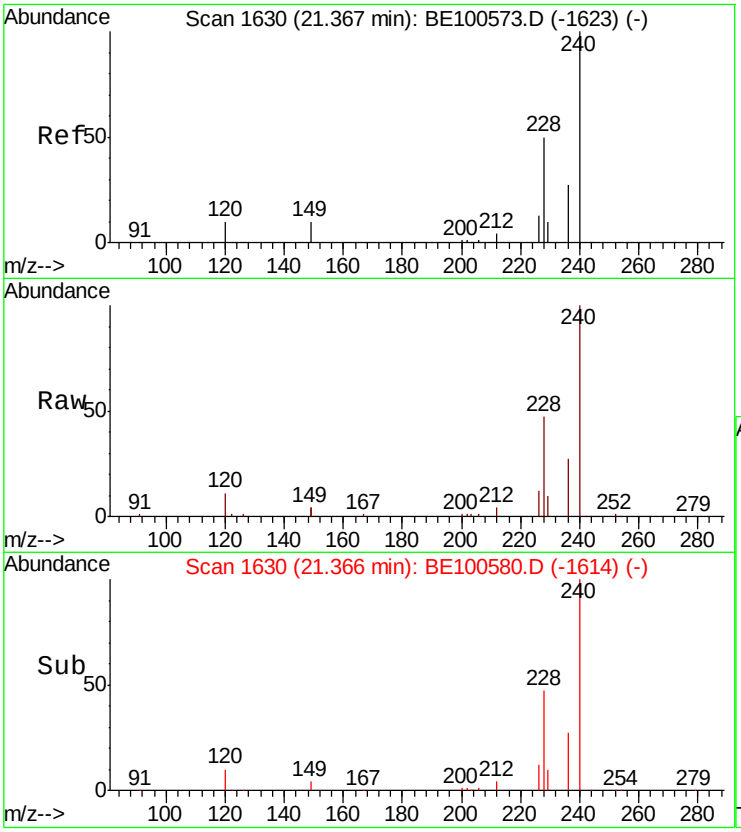


#26
Fluoranthene
Concen: 0.396 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:202 Resp: 36709

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.3	13.6	20.4



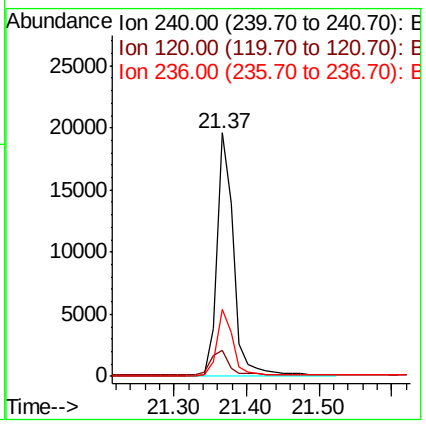


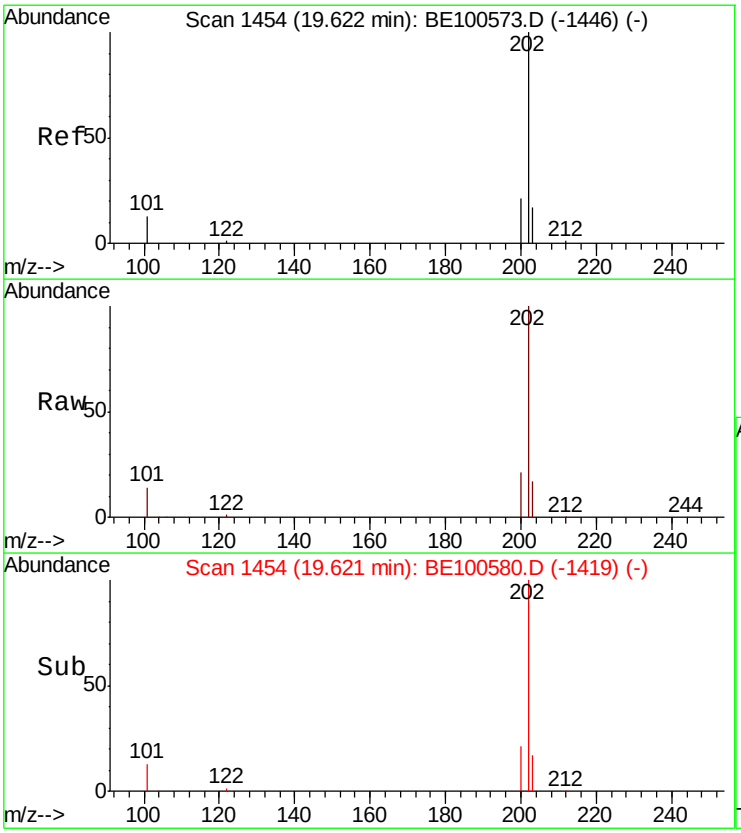
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 31165

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.7	13.1
236	27.5	21.8	32.8

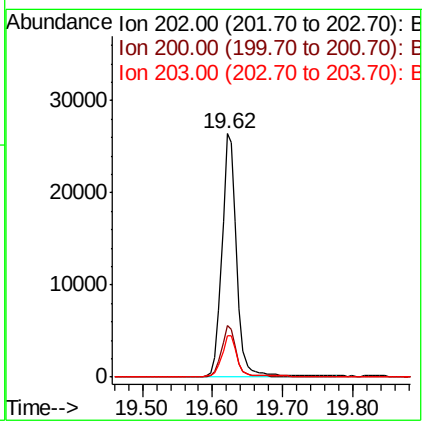


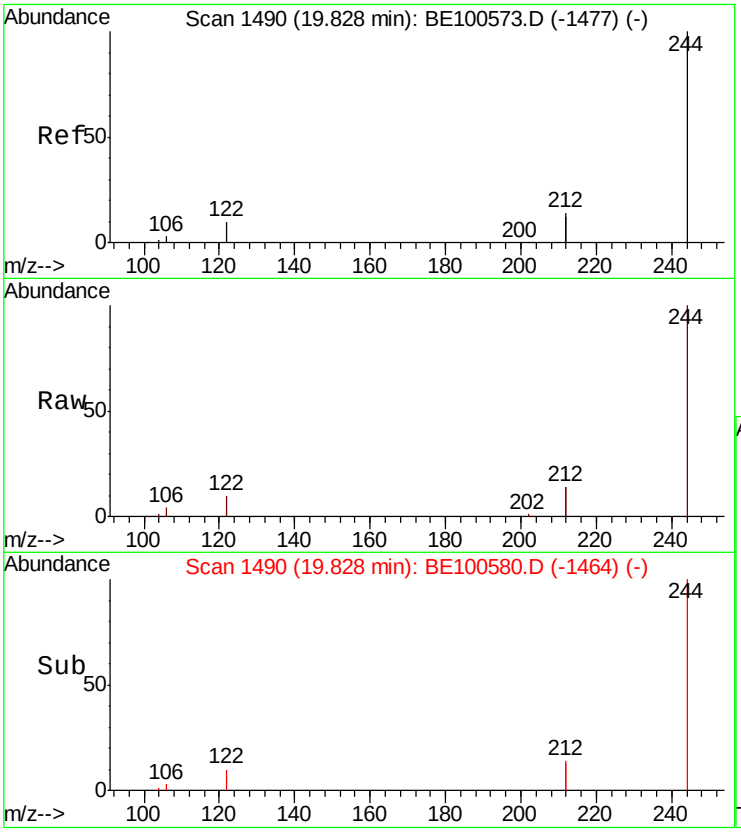


#28
Pyrene
Concen: 0.403 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:202 Resp: 38006

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.2	21.2



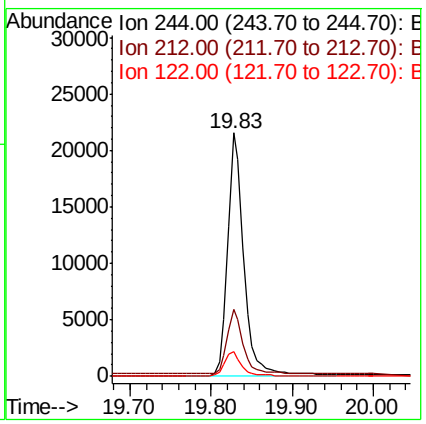


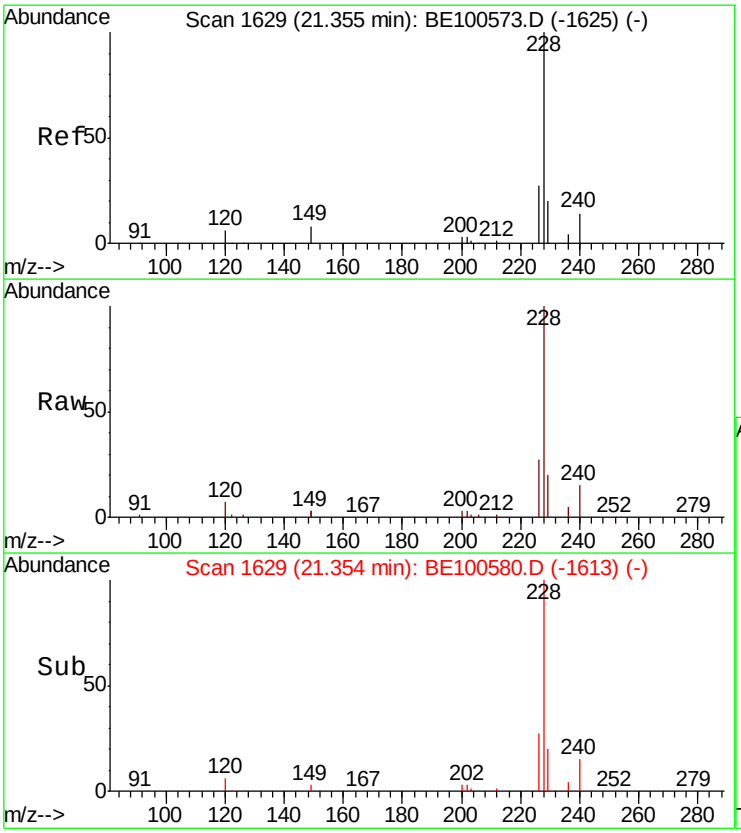
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 29642

Ion	Ratio	Lower	Upper
244	100		
212	27.6	21.8	32.8
122	10.3	8.2	12.4

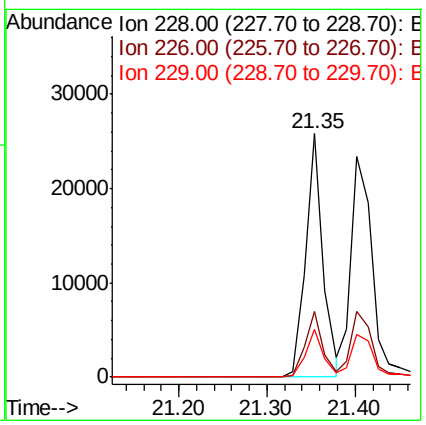


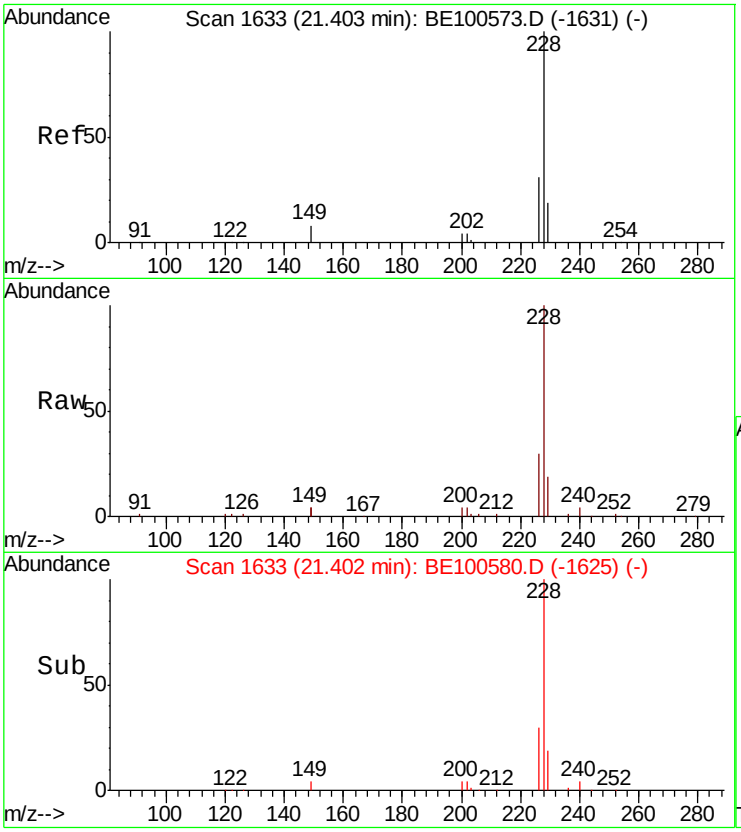


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:228 Resp: 35013

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.8	16.1	24.1



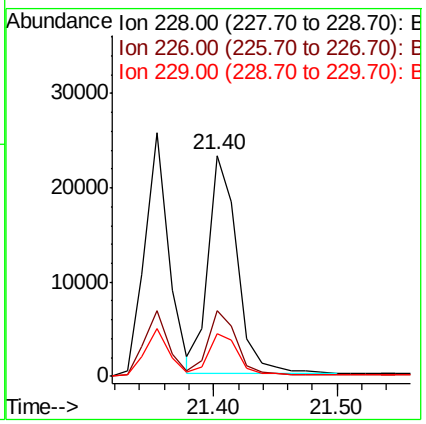


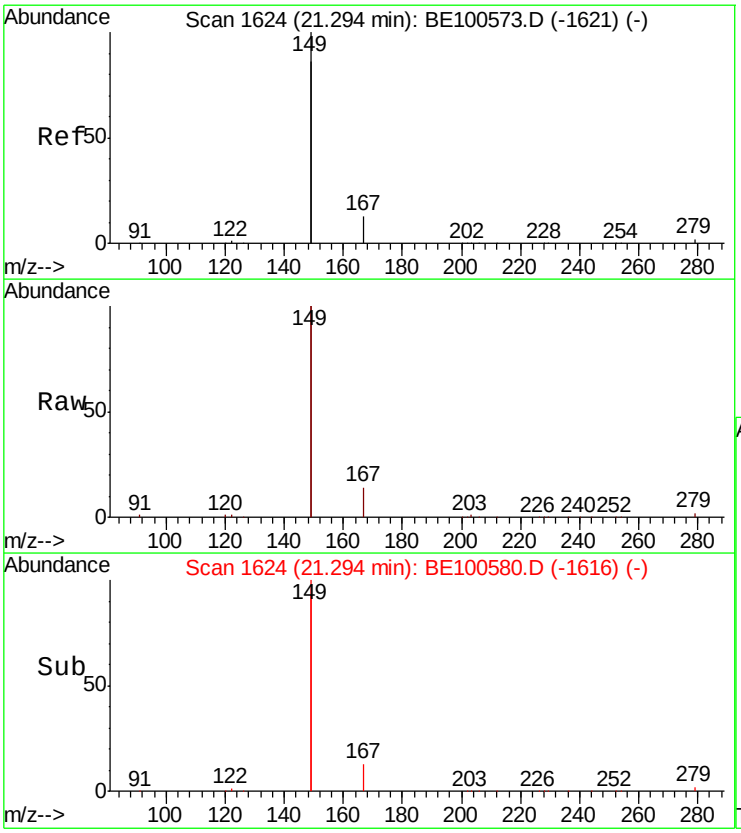
#31
Chrysene
Concen: 0.401 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 37504

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.4	15.6	23.4

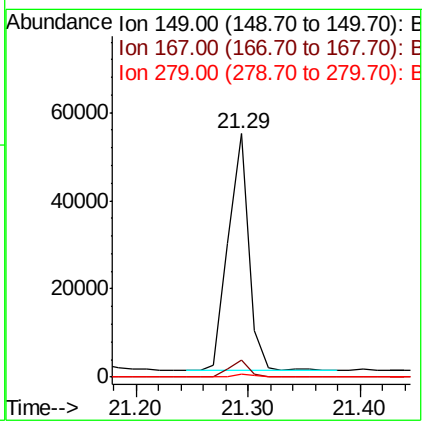


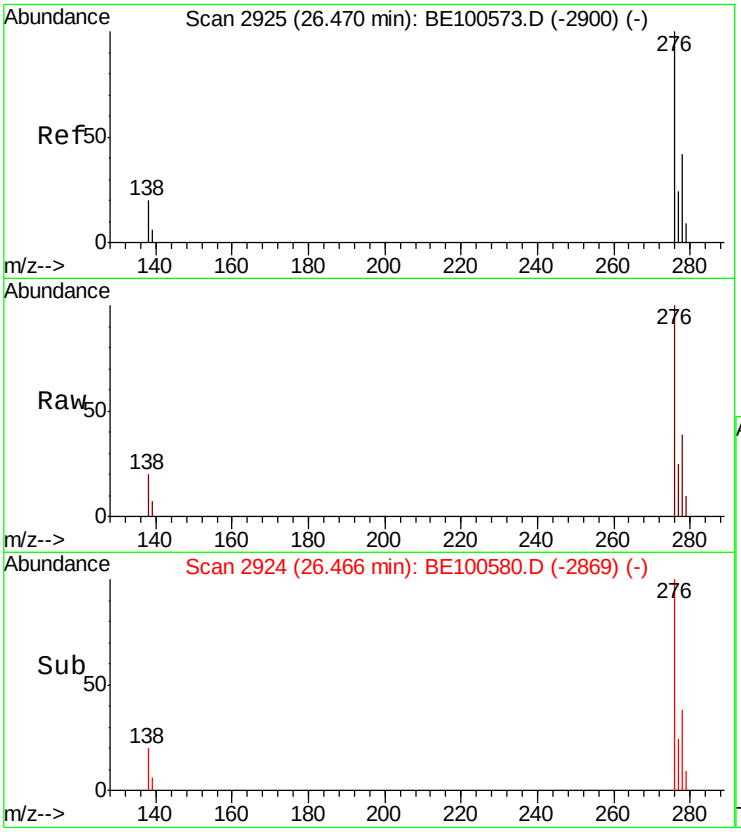


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.281 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:149 Resp: 68439

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.0	7.6
279	1.1	0.8	1.2



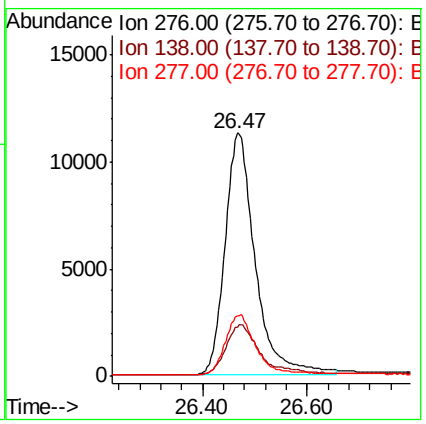


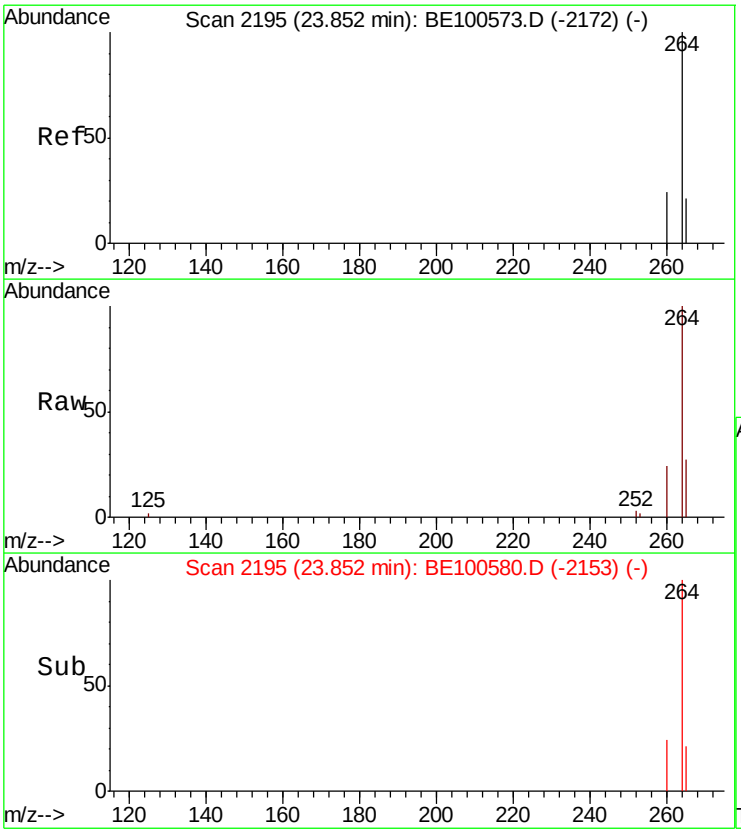
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.47 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45389

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.6	27.8
277	24.7	19.4	29.2

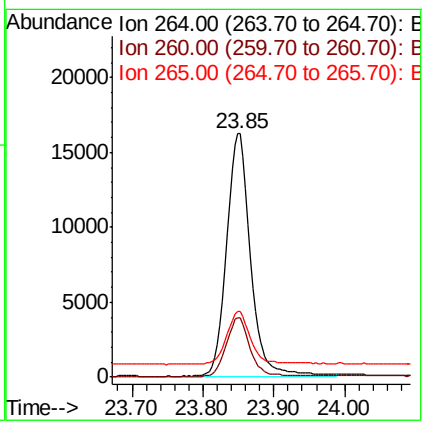


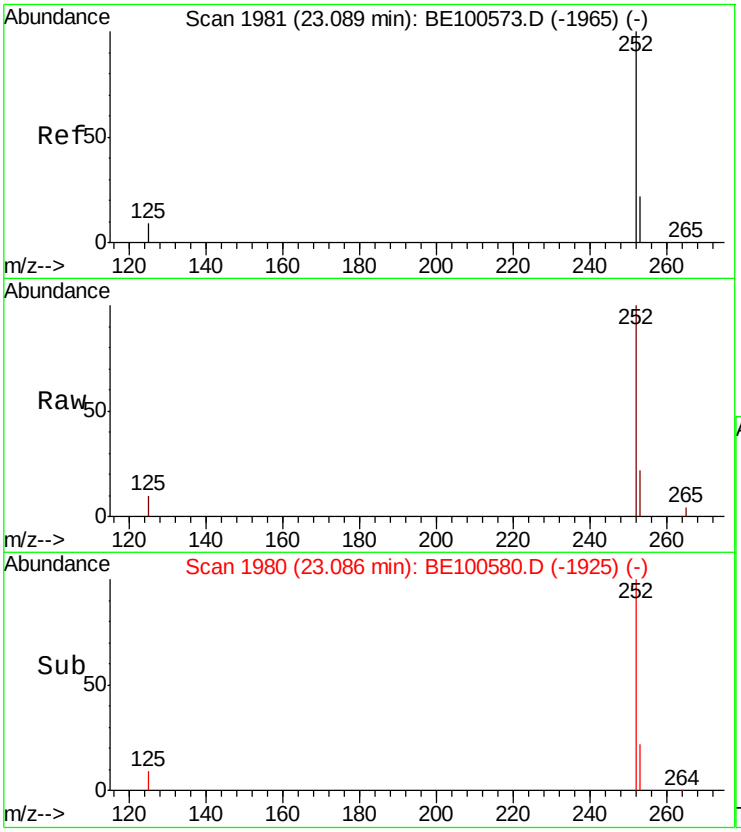


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:264 Resp: 37513

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	26.7	22.2	33.4



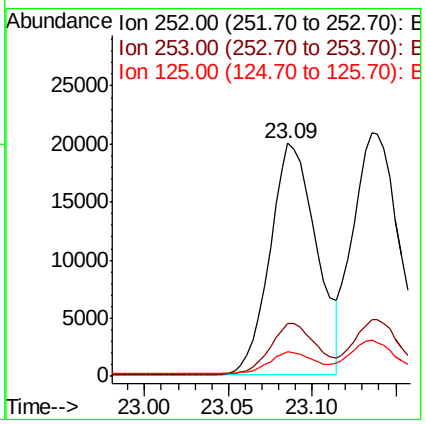


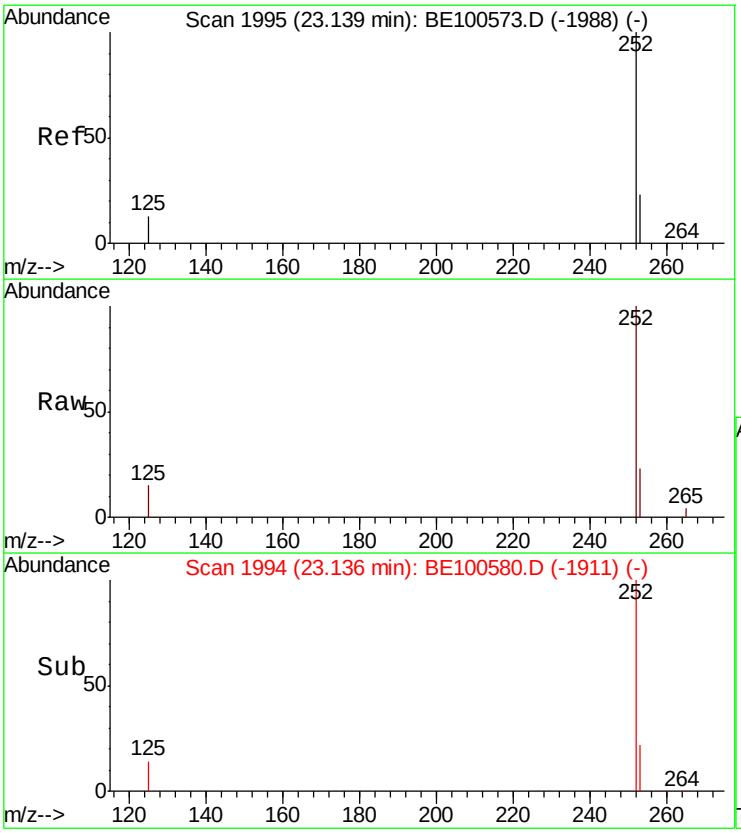
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38591

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.4	8.7	13.1

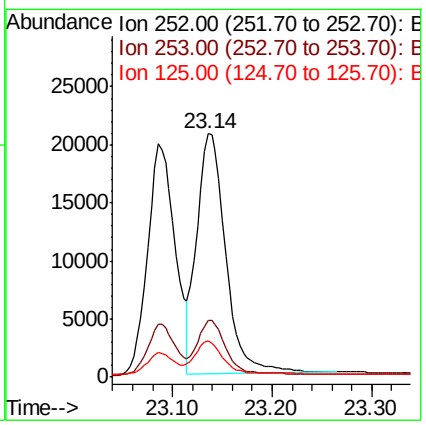


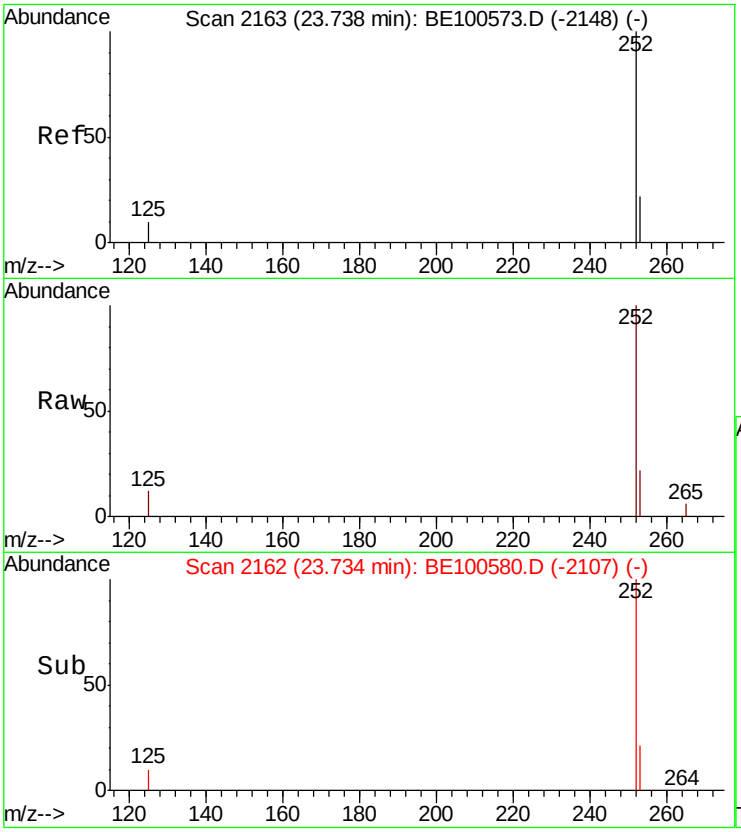


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:252 Resp: 41759

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	14.7	11.4	17.2



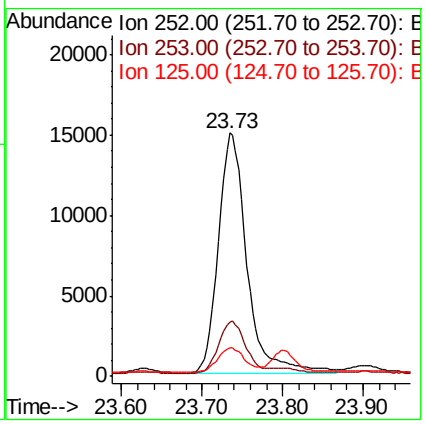


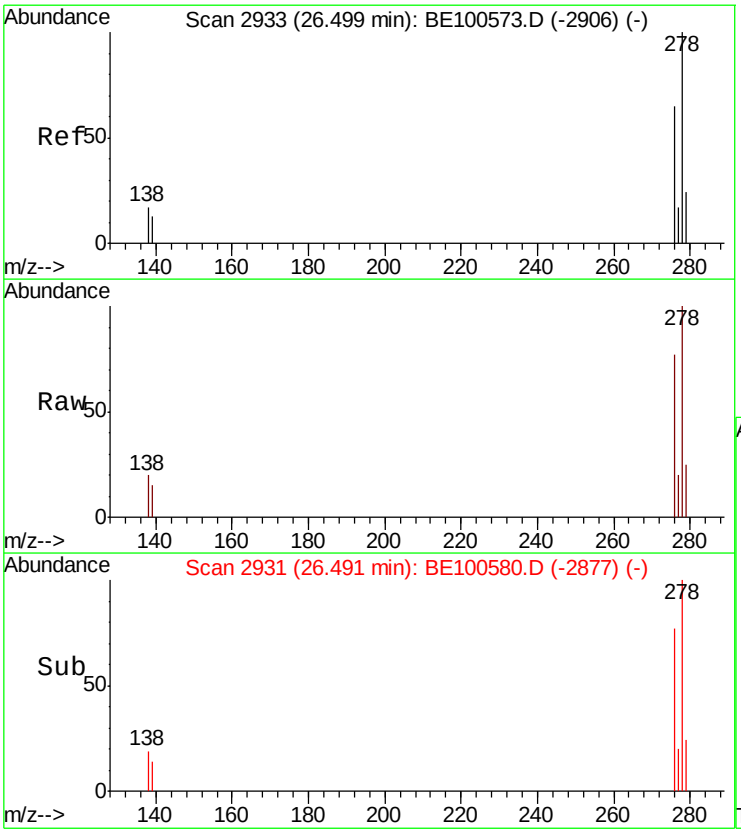
#37
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.73 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36635

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.7	9.8	14.6

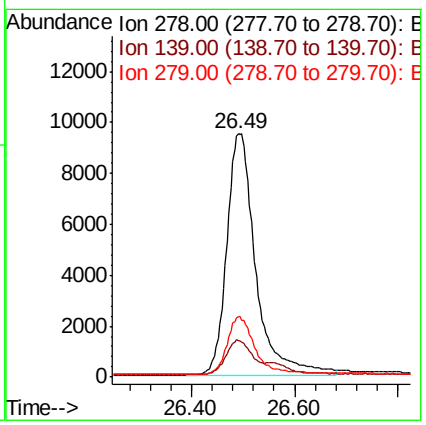


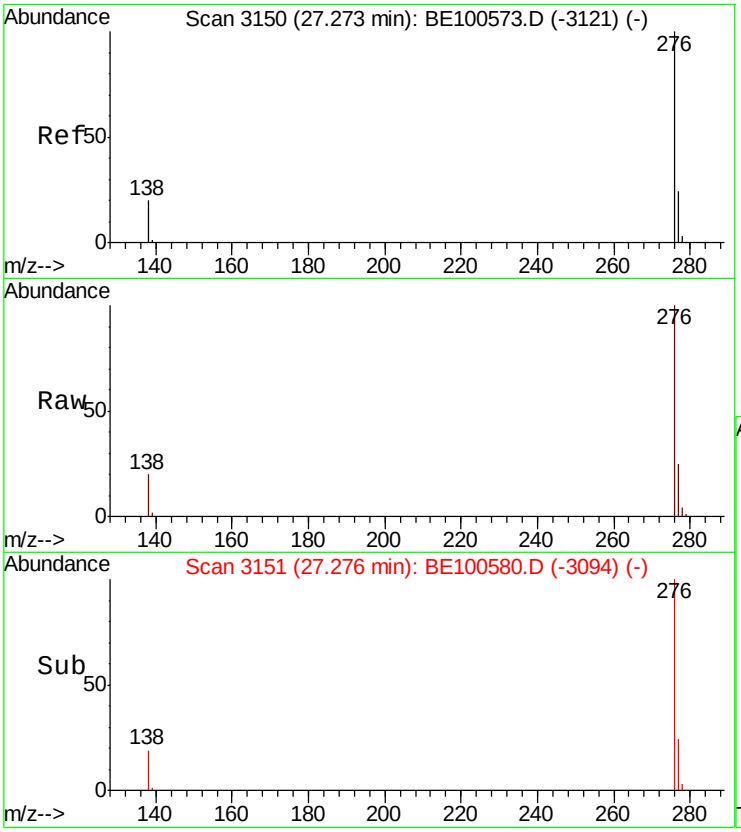


#38
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 26.49 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:278 Resp: 37265

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.7	17.5
279	24.9	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 27.28 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 38169

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.7	29.5
138	20.1	17.0	25.4