Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100101.D
Acq On : 20 Jun 2019 10:11
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 21 01:42:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	468	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	1787	0.40	ng		0.00
13) Acenaphthene-d10	14.41	164	1560	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	5356	0.40	ng		0.00
27) Chrysene-d12	21.34	240	8344	0.40	ng		0.00
34) Perylene-d12	23.83	264	10053	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	482	0.50	ng		-0.01
5) Phenol-d6	6.93	99	571	0.43	ng		0.00
8) Nitrobenzene-d5	8.93	82	644	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	12.15	152	1385	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.92	330	361	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	2540	0.41	ng		0.00
25) Fluoranthene-d10	19.20	212	31877	0.42	ng		0.00
29) Terphenyl-d14	19.79	244	6925	0.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	290	0.386	ng		93
3) n-Nitrosodimethylamine	3.58	42	108	0.560	ng	#	100
6) bis(2-Chloroethyl)ether	7.18	93	511	0.405	ng	#	64
9) Naphthalene	10.59	128	7862	0.405	ng		99
10) Hexachlorobutadiene	10.85	225	733	0.384	ng		97
12) 2-Methylnaphthalene	12.22	142	1288	0.403	ng		99
16) Acenaphthylene	14.12	152	3020	0.408	ng		99
17) Acenaphthene	14.47	154	1742	0.421	ng		94
18) Fluorene	15.45	166	2550	0.414	ng		98
20) 4-Bromophenyl-phenylether	16.36	248	1293	0.406	ng		91
21) Hexachlorobenzene	16.45	284	1316	0.375	ng		96
22) Pentachlorophenol	16.85	266	297	0.502	ng		91
23) Phenanthrene	17.20	178	4965	0.387	ng		99
24) Anthracene	17.29	178	4238	0.392	ng		100
26) Fluoranthene	19.23	202	8484	0.412	ng		100
28) Pyrene	19.59	202	8764	0.409	ng		100
30) Benzo(a)anthracene	21.33	228	10173	0.410	ng		97
31) Chrysene	21.38	228	11602	0.402	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	12655	0.540	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	13796	0.425	ng	#	95
35) Benzo(b)fluoranthene	23.11	252	12603	0.427	ng		98
36) Benzo(k)fluoranthene	23.11	252	12816	0.382	ng		99
37) Benzo(a)pyrene	23.72	252	11229	0.394	ng		99
38) Dibenzo(a,h)anthracene	26.50	278	10984	0.376	ng		100
39) Benzo(g,h,i)perylene	27.27	276	11287	0.372	ng		98

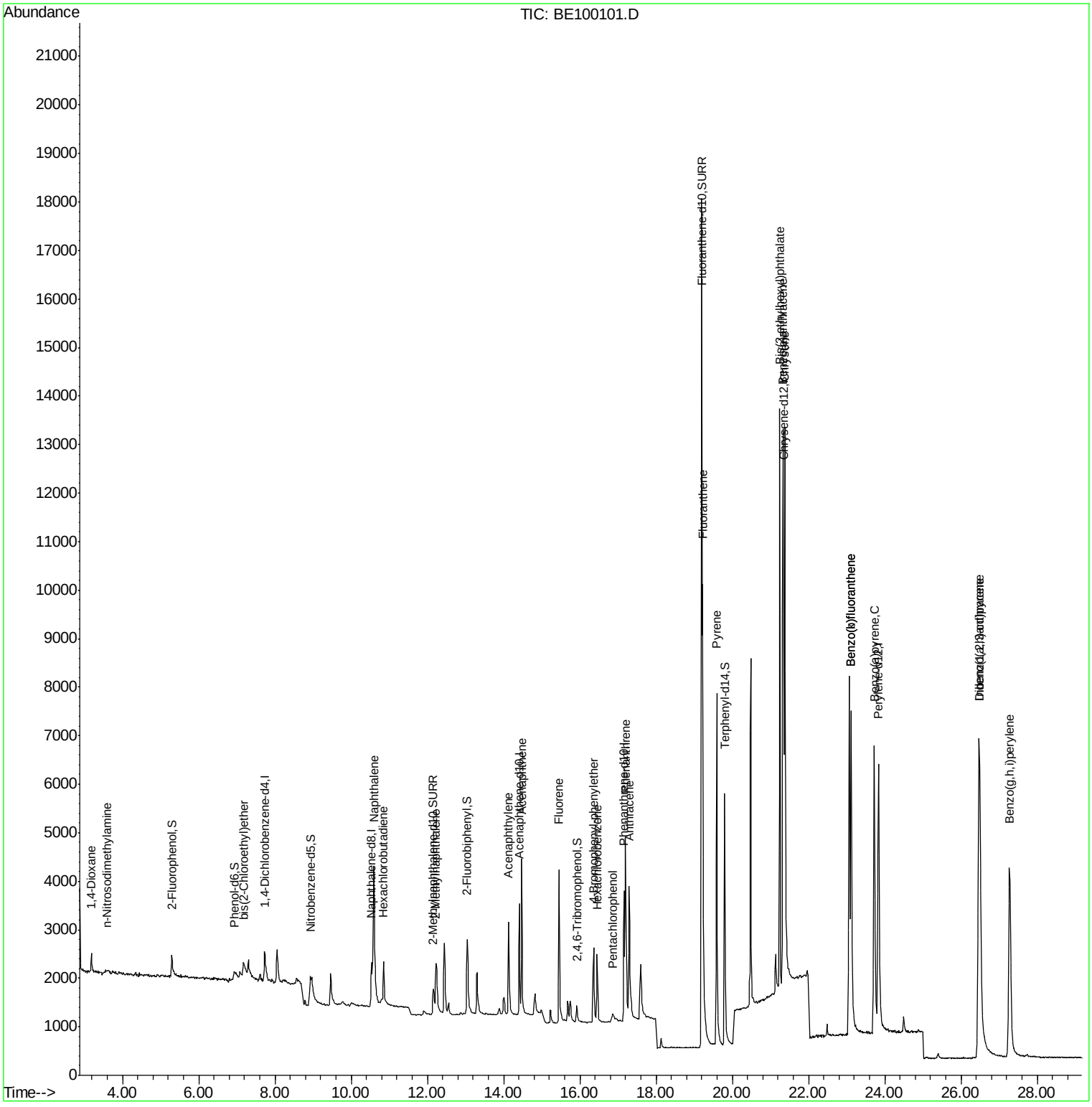
(#) = qualifier out of range (m) = manual integration (+) = signals summed

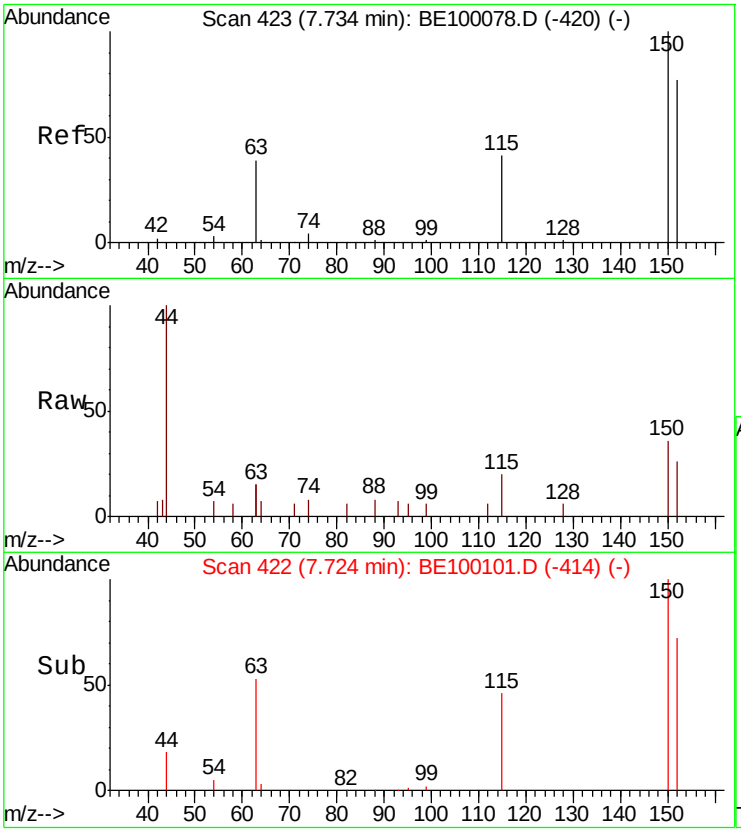
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100101.D
Acq On : 20 Jun 2019 10:11
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 21 01:42:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



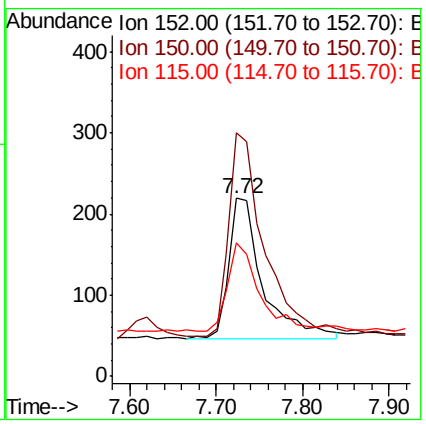


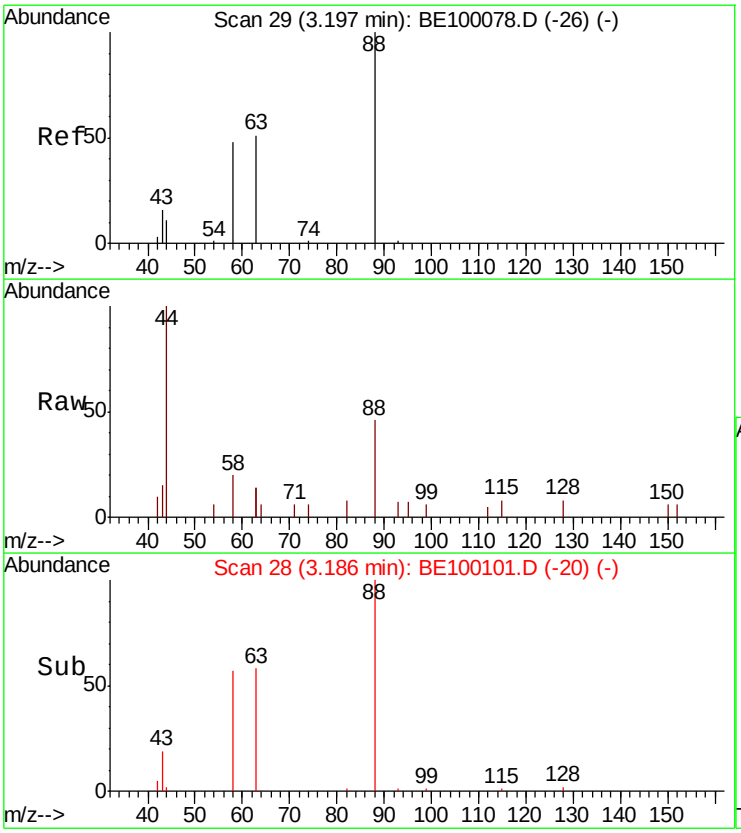
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 468

Ion	Ratio	Lower	Upper
152	100		
150	137.0	99.8	149.8
115	74.9	51.3	76.9

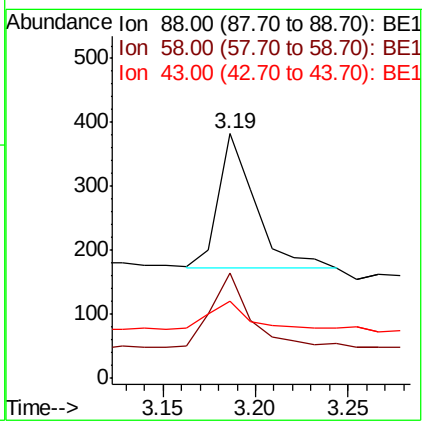


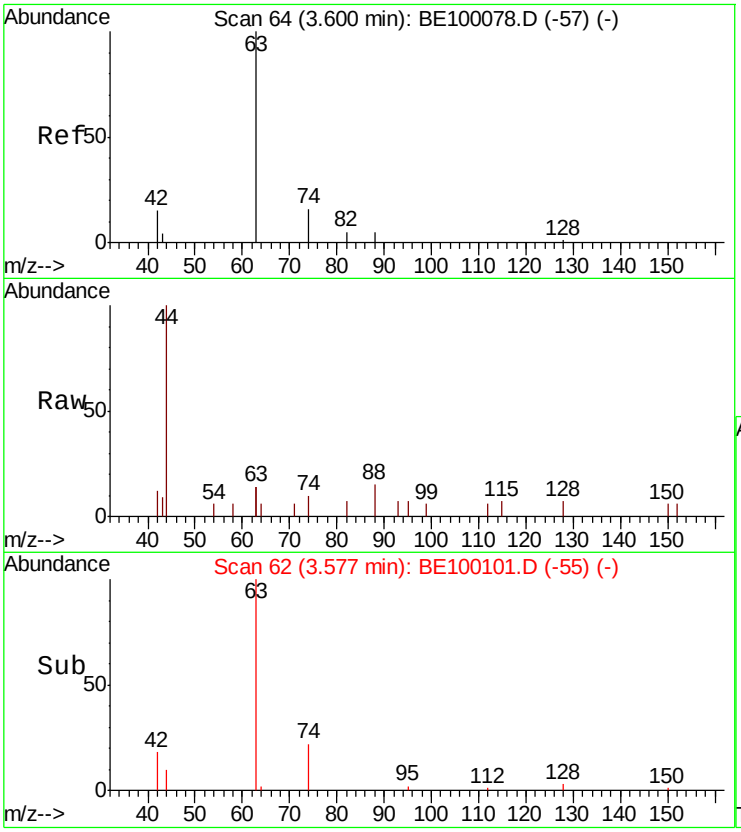


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion: 88 Resp: 290

Ion	Ratio	Lower	Upper
88	100		
58	57.9	51.1	76.7
43	23.4	21.7	32.5



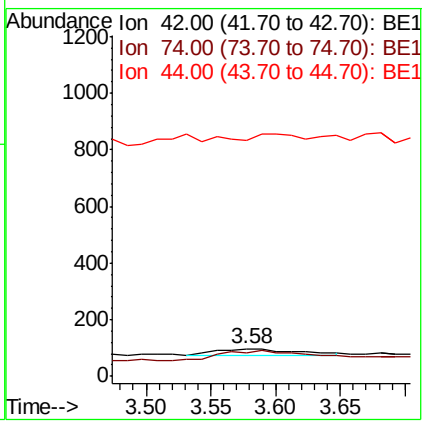


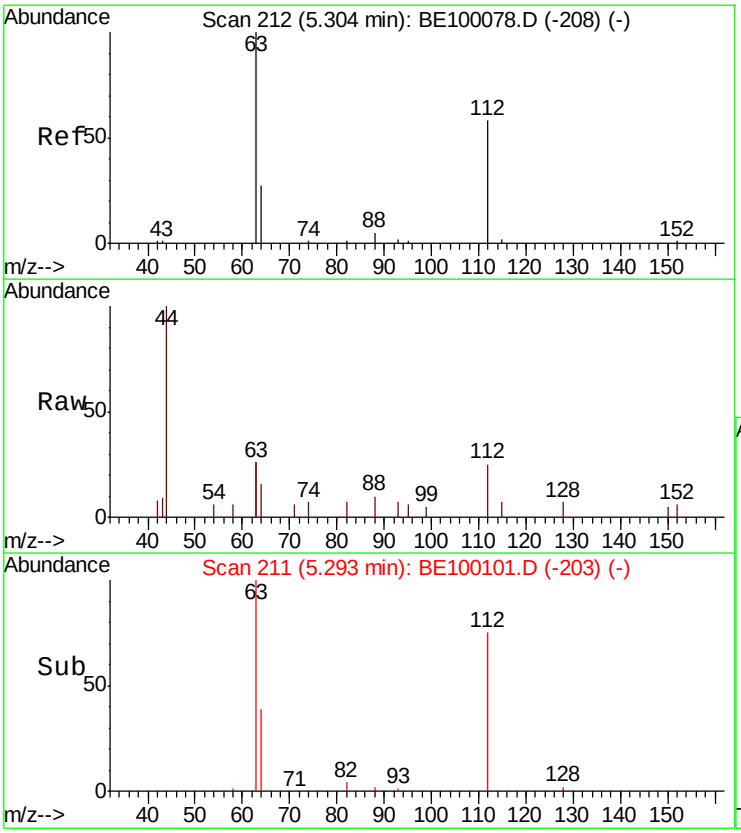
#3
n-Nitrosodimethylamine
Concen: 0.560 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 108

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

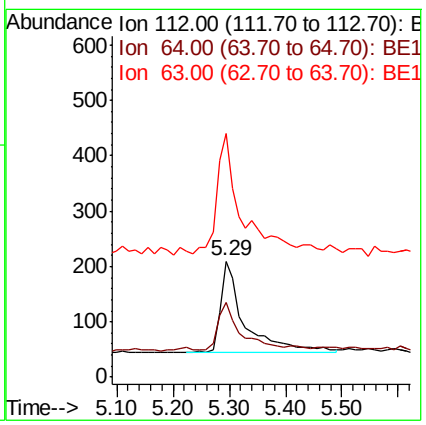


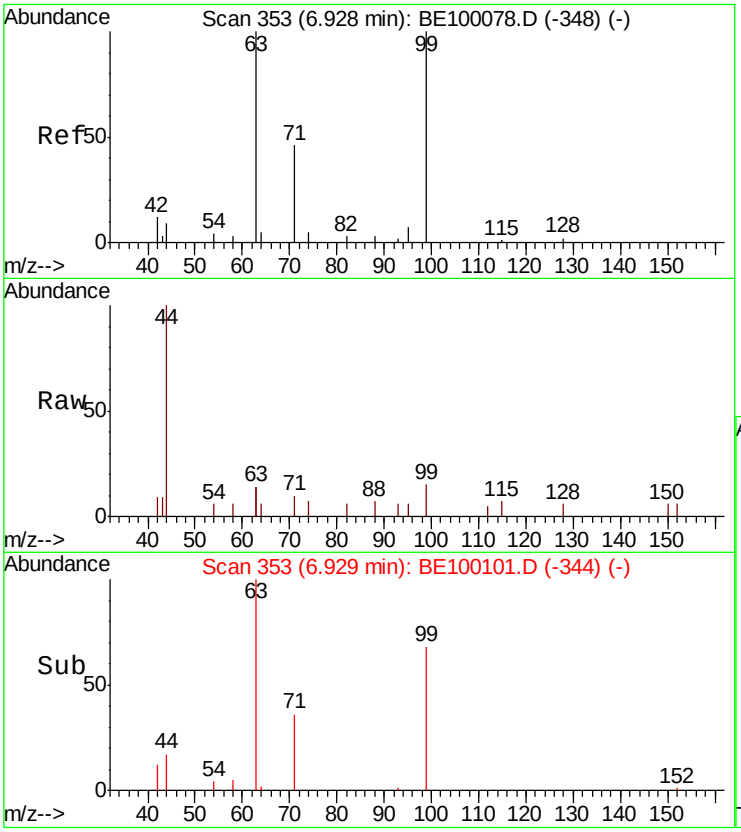


#4
2-Fluorophenol
Concen: 0.496 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:112 Resp: 482

Ion	Ratio	Lower	Upper
112	100		
64	49.0	22.0	33.0#
63	141.9	121.8	182.6



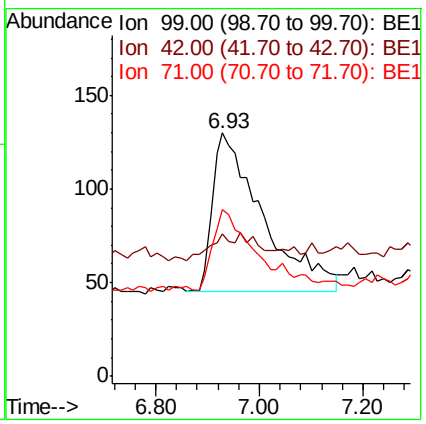


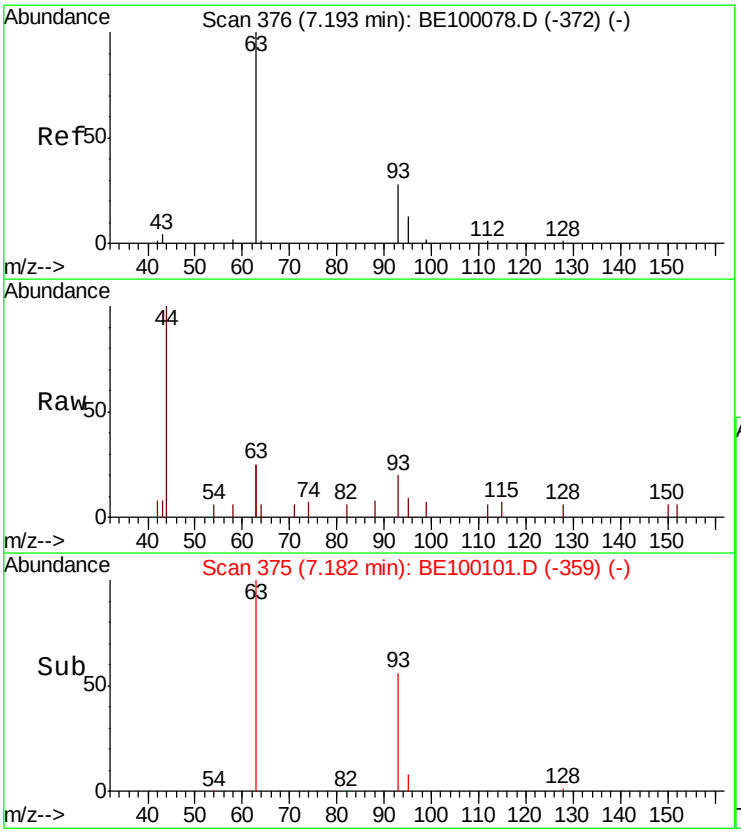
#5
Phenol-d6
Concen: 0.428 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 571

Ion	Ratio	Lower	Upper
99	100		
42	7.4	0.0	0.0#
71	44.5	37.6	56.4

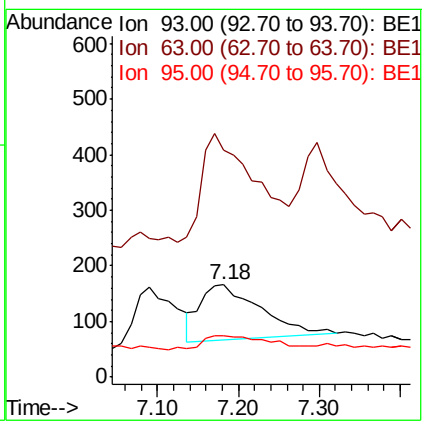


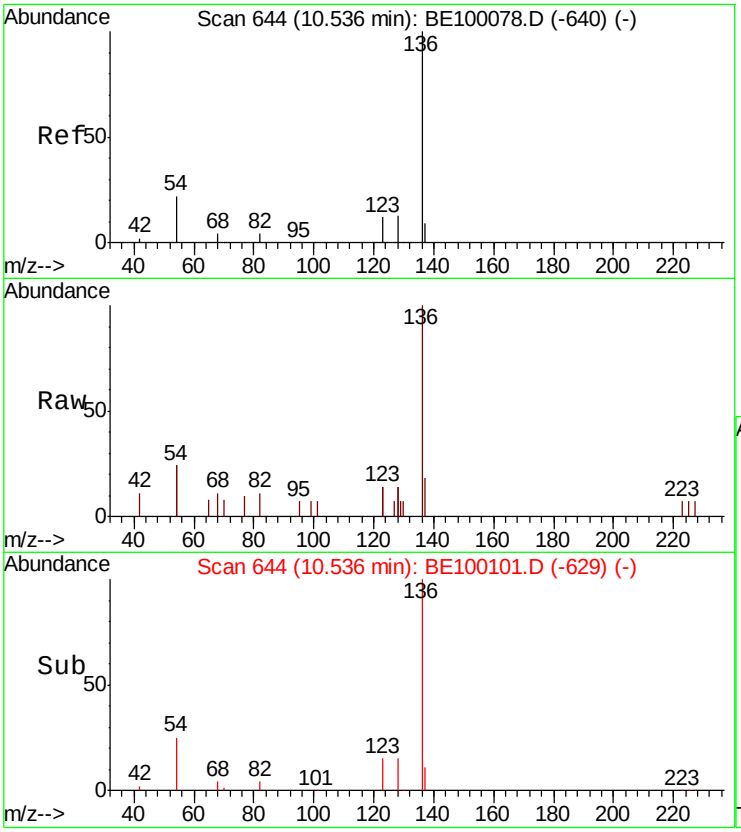


#6
bis(2-Chloroethyl)ether
Concen: 0.405 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion: 93 Resp: 511

Ion	Ratio	Lower	Upper
93	100		
63	179.1	200.0	300.0#
95	29.2	24.0	36.0



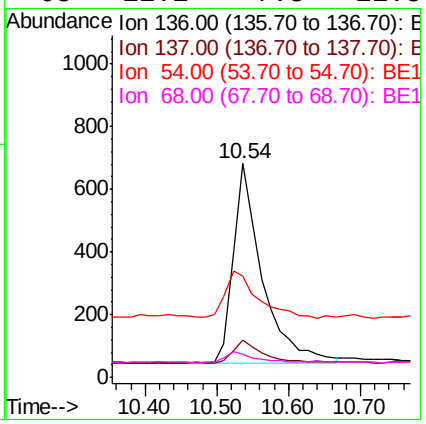


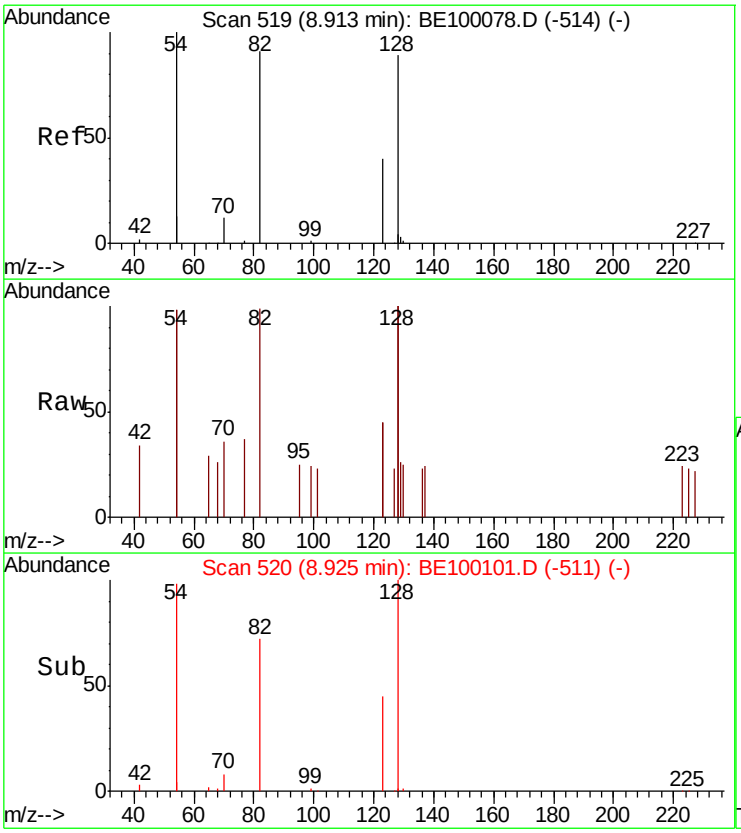
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 1787

Ion	Ratio	Lower	Upper
136	100		
137	17.6	11.6	17.4#
54	47.2	33.9	50.9
68	11.1	7.8	11.8

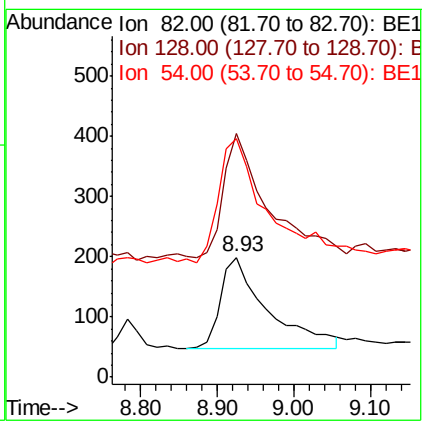


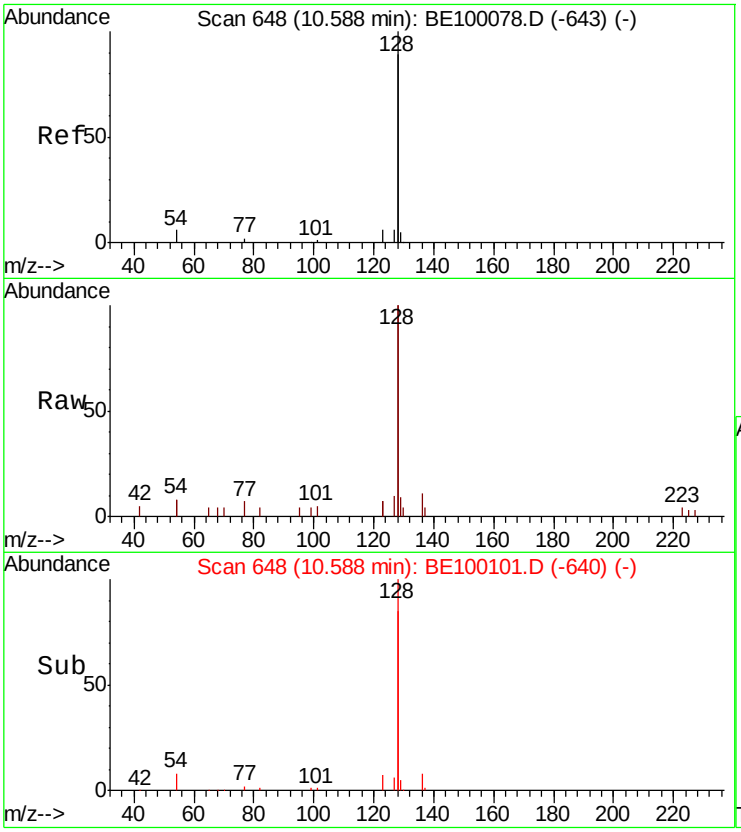


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.93 min Scan# 520
Delta R.T. 0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion: 82 Resp: 644

Ion	Ratio	Lower	Upper
82	100		
128	203.0	128.0	192.0#
54	199.0	143.4	215.0



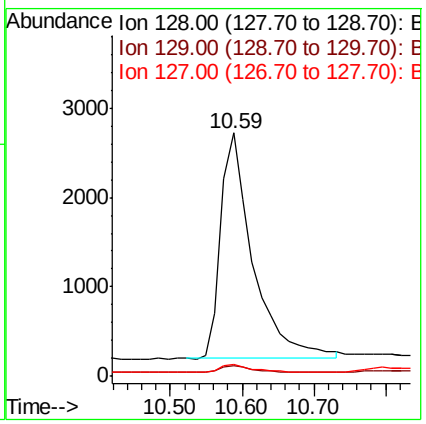


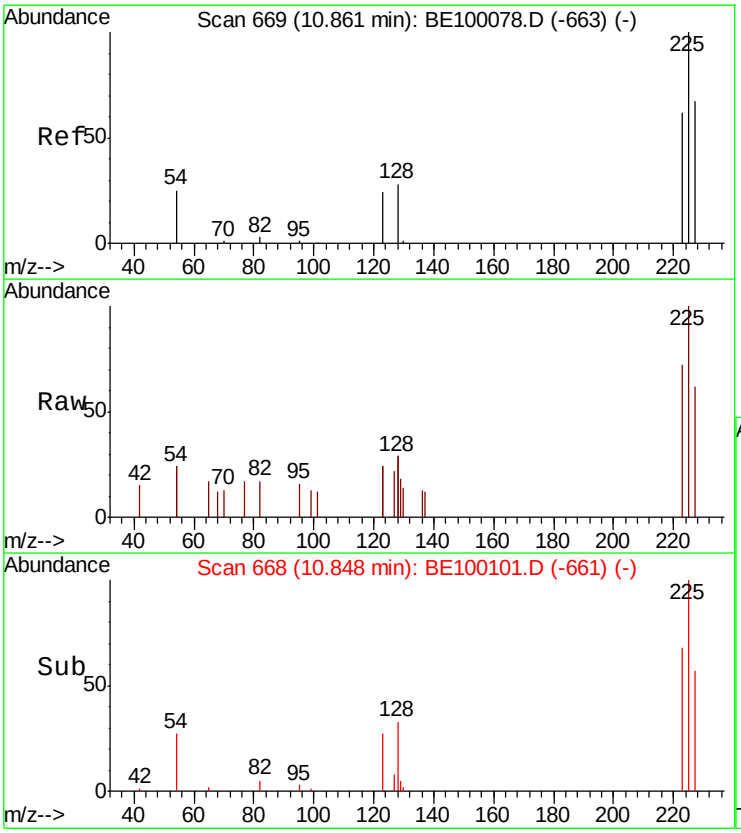
#9
Naphthalene
Concen: 0.405 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 7862

Ion	Ratio	Lower	Upper
128	100		
129	4.3	3.1	4.7
127	4.8	3.4	5.2

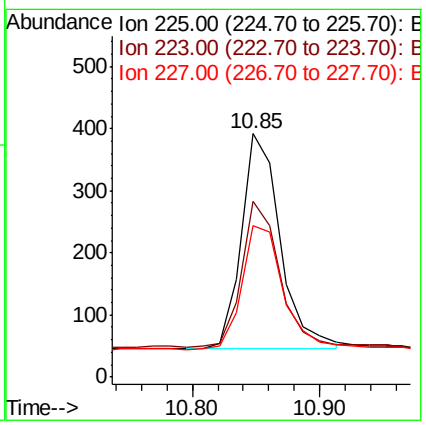


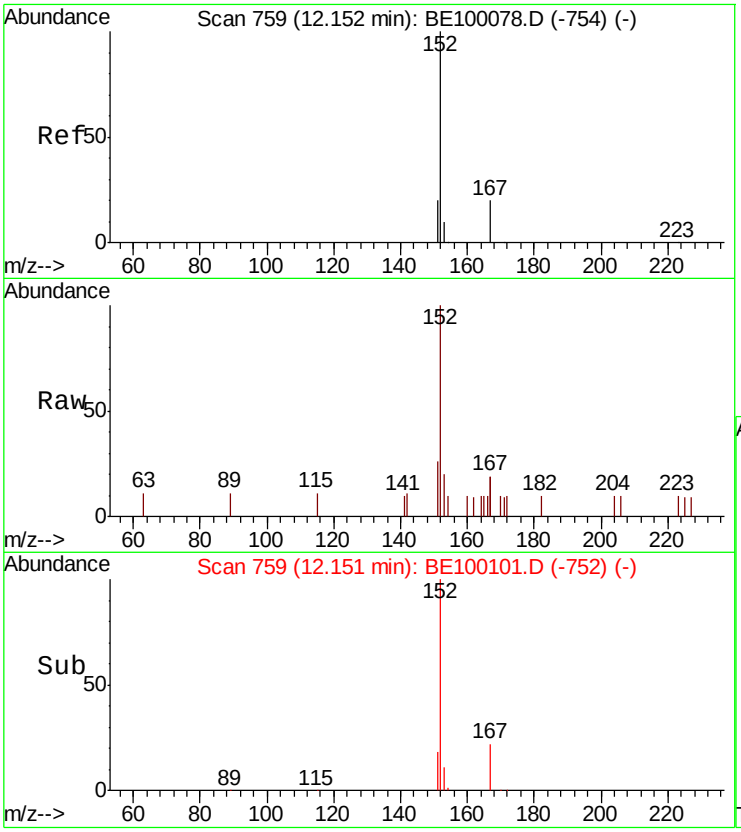


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:225 Resp: 733

Ion	Ratio	Lower	Upper
225	100		
223	66.7	52.2	78.4
227	62.5	53.0	79.6



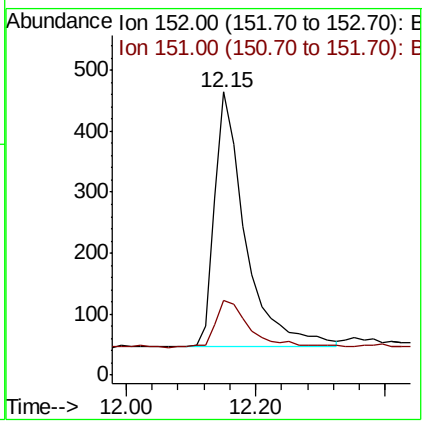


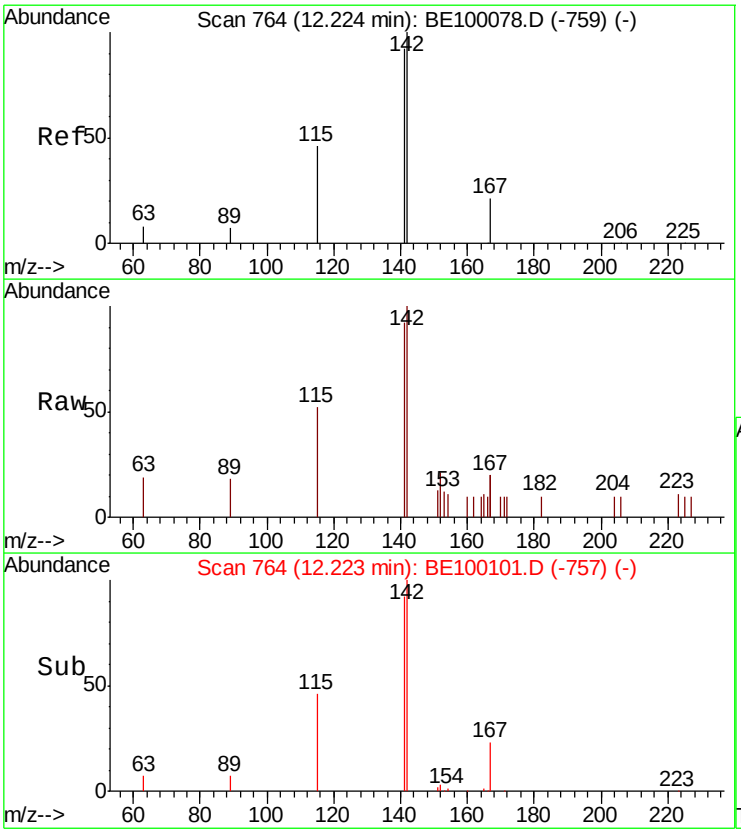
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1385

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5

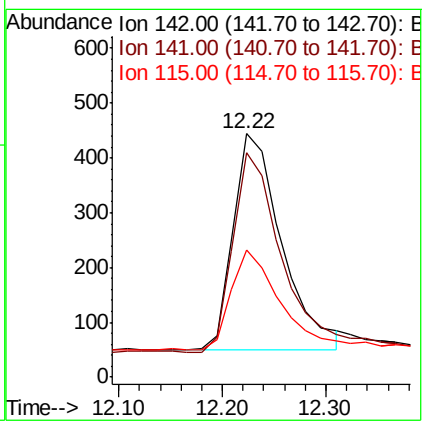


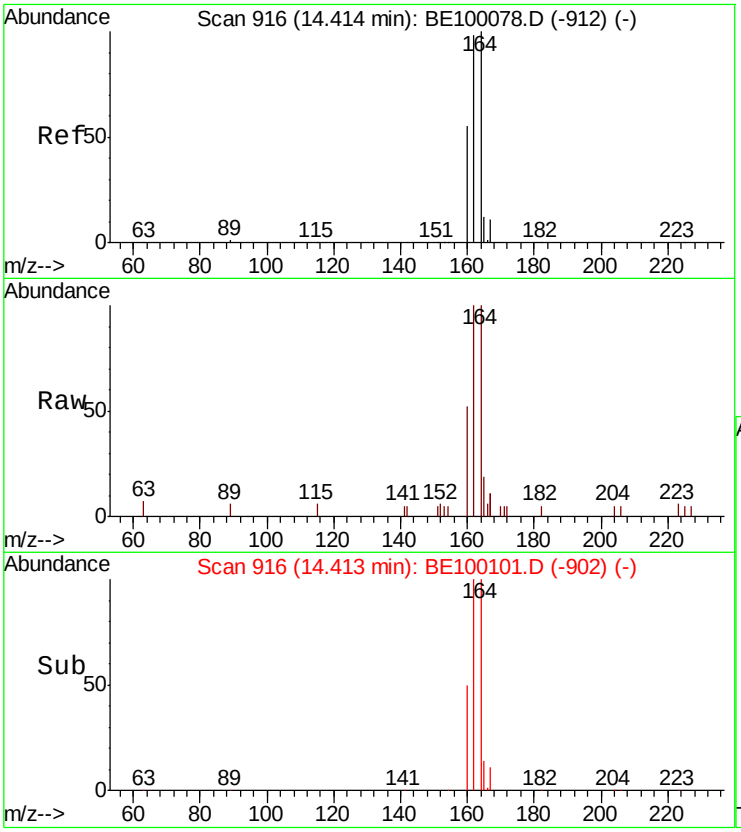


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:142 Resp: 1288

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.1	111.1
115	52.5	40.9	61.3



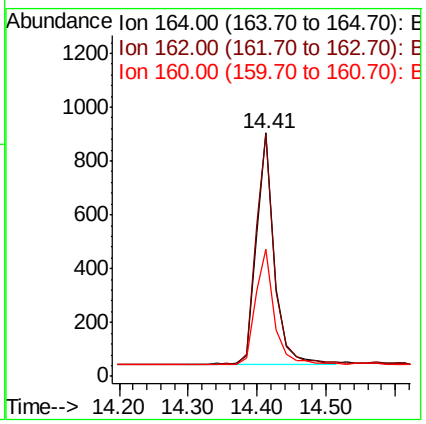


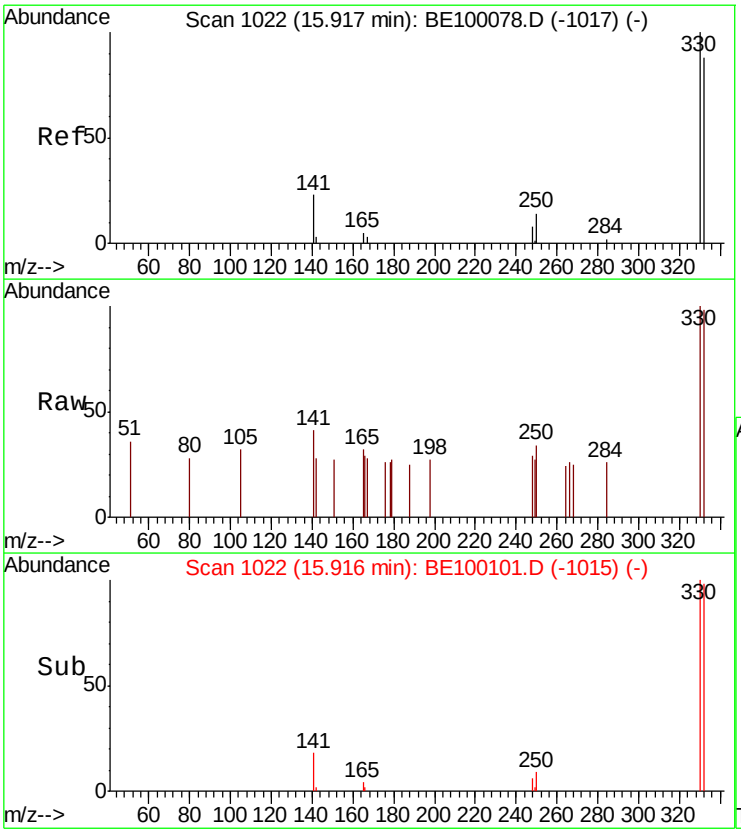
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1560

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.2	117.2
160	52.4	45.6	68.4

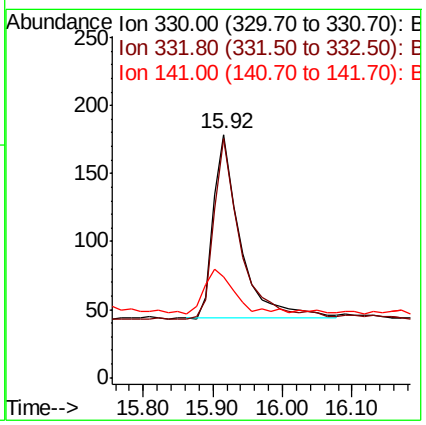


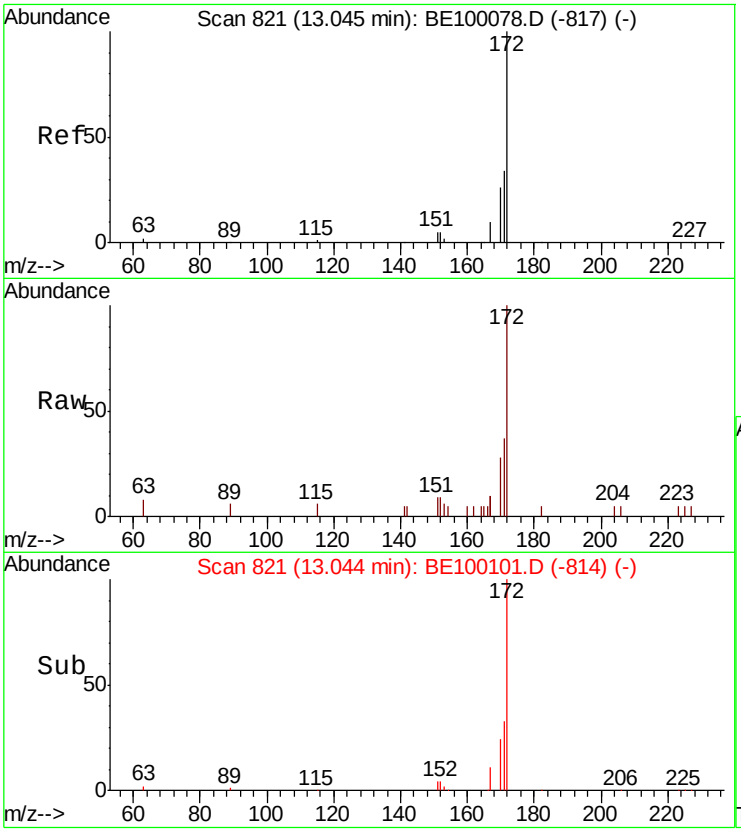


#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:330 Resp: 361

Ion	Ratio	Lower	Upper
330	100		
332	98.9	73.3	109.9
141	27.7	22.2	33.2



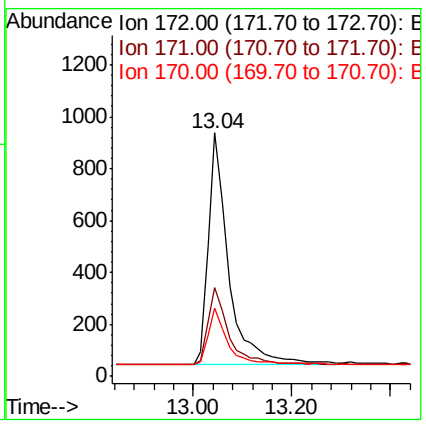


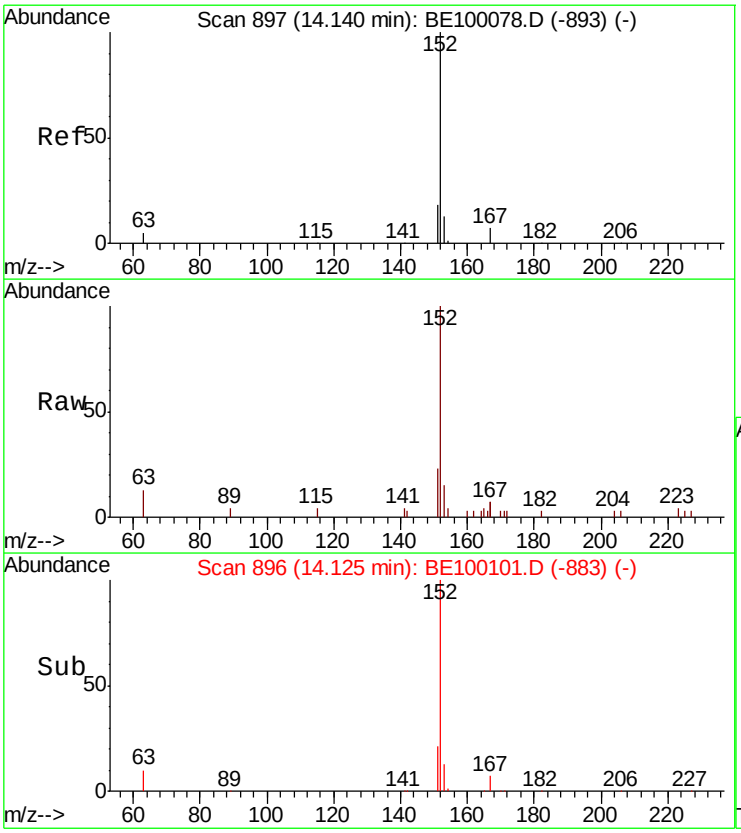
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2540

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.8
170	27.9	23.2	34.8

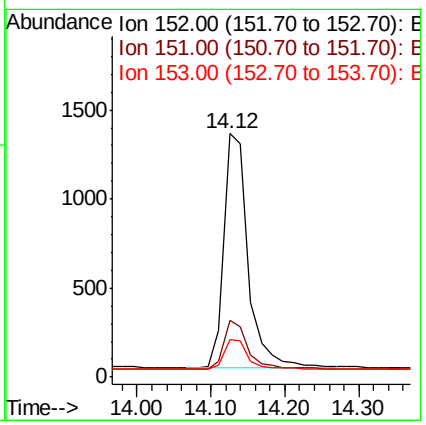


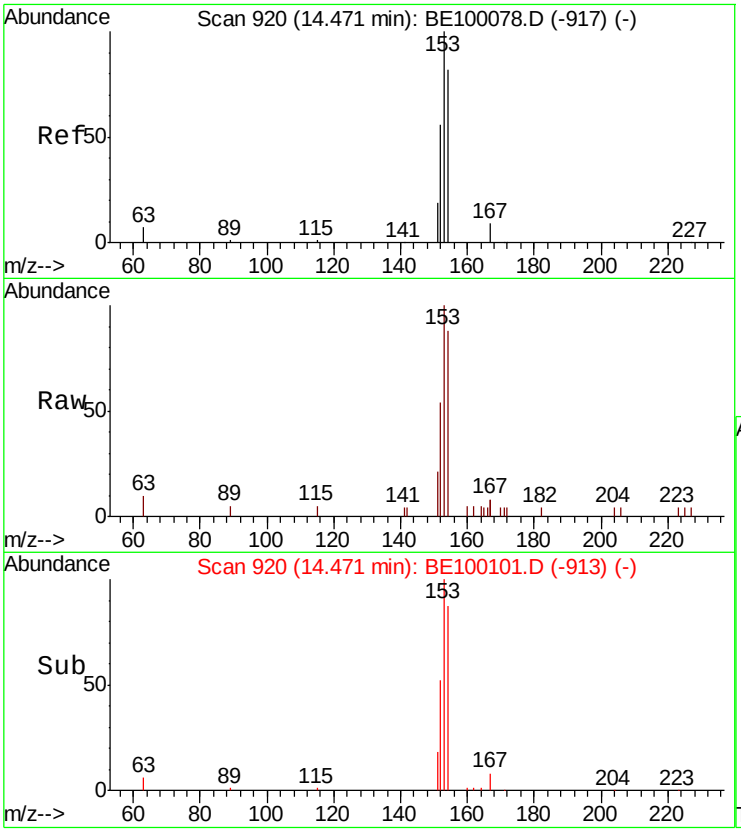


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:152 Resp: 3020

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	12.5	10.1	15.1



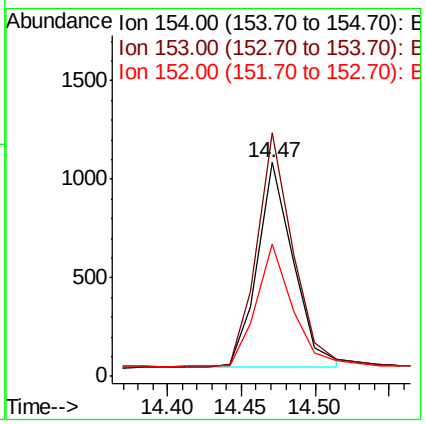


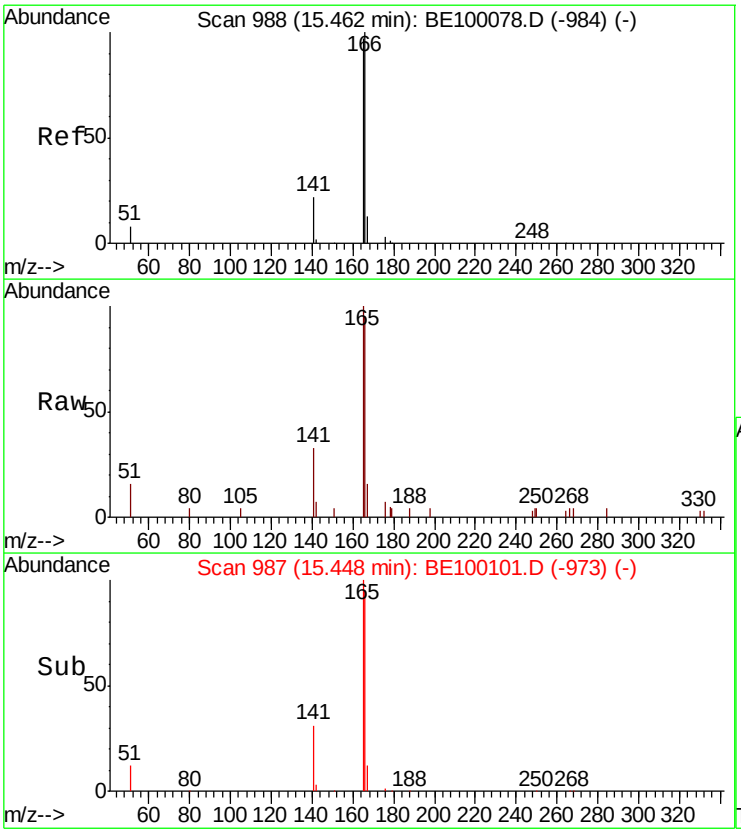
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1742

Ion	Ratio	Lower	Upper
154	100		
153	114.8	95.5	143.3
152	60.8	54.9	82.3

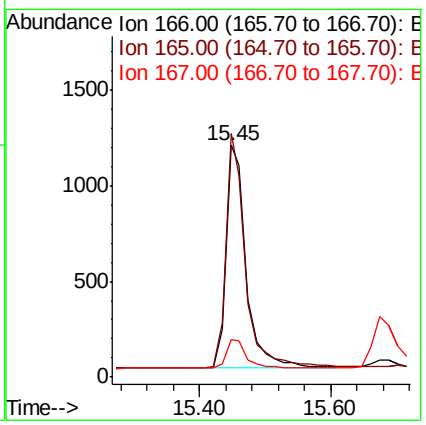


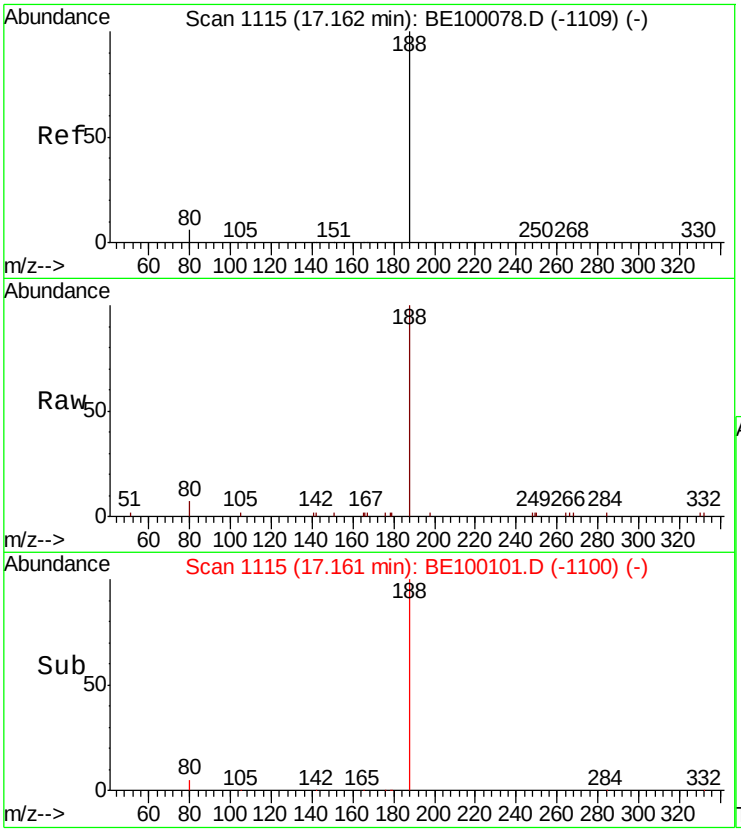


#18
Fluorene
Concen: 0.414 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:166 Resp: 2550

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	13.5	10.2	15.4



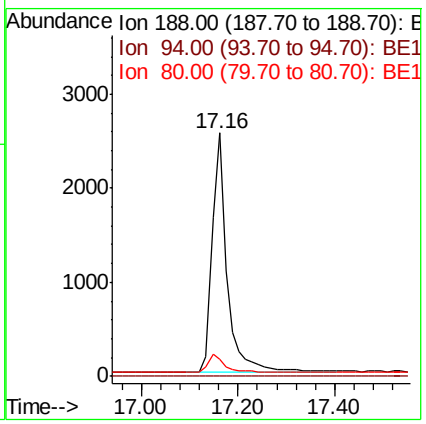


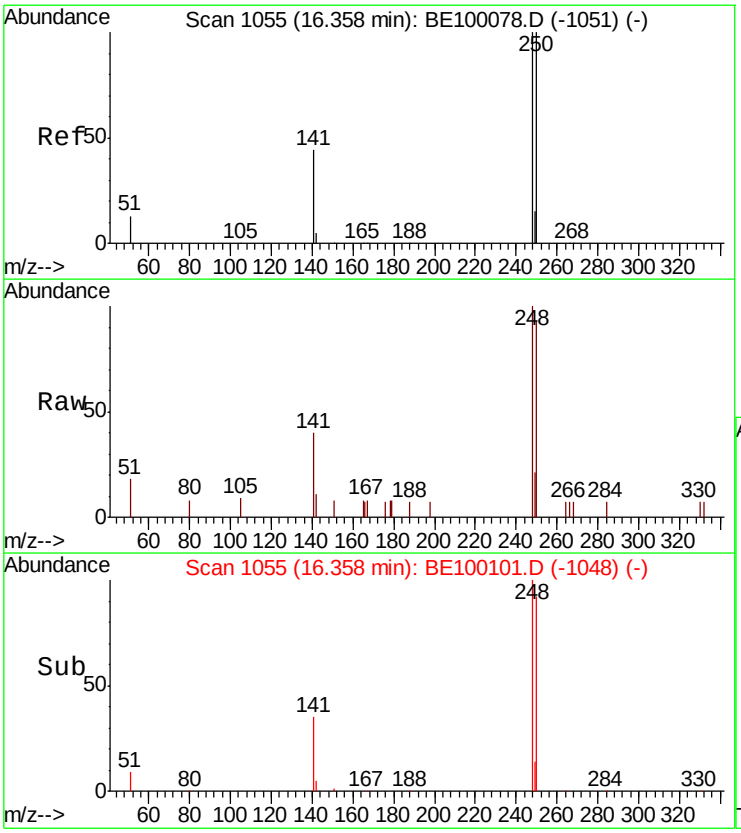
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5356

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.3	9.5

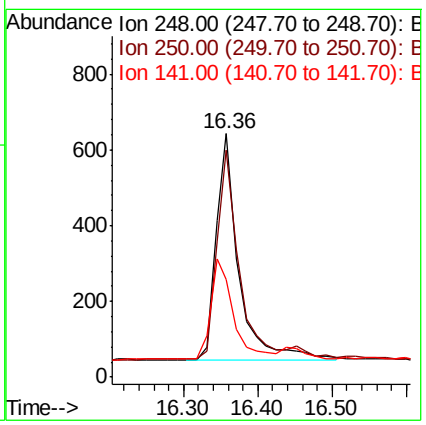


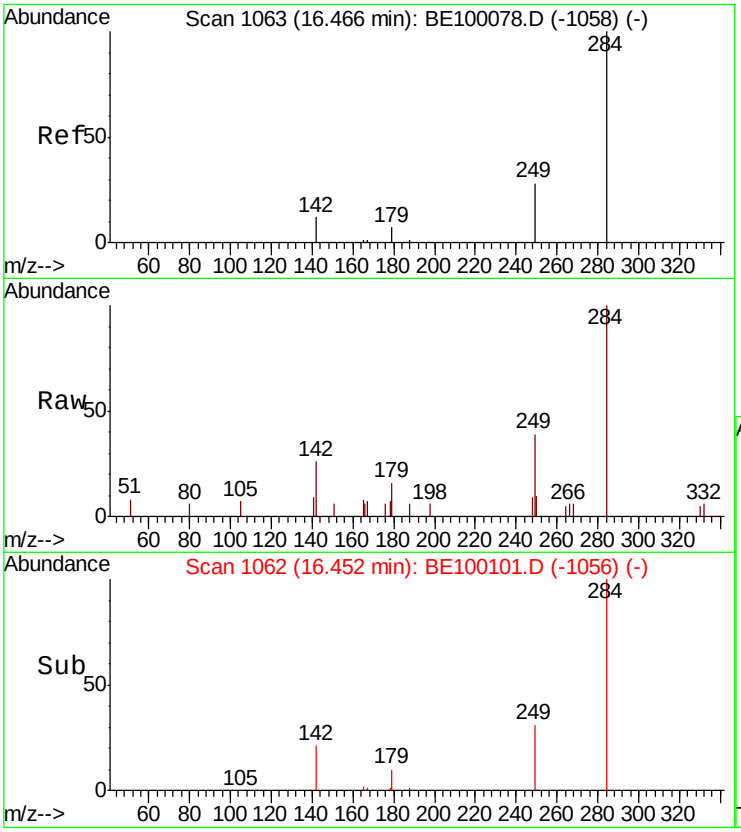


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:248 Resp: 1293

Ion	Ratio	Lower	Upper
248	100		
250	93.2	80.6	120.8
141	40.3	38.8	58.2



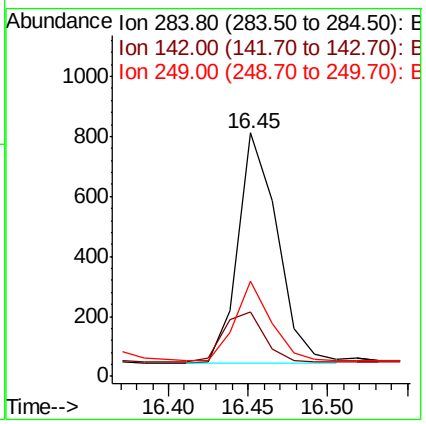


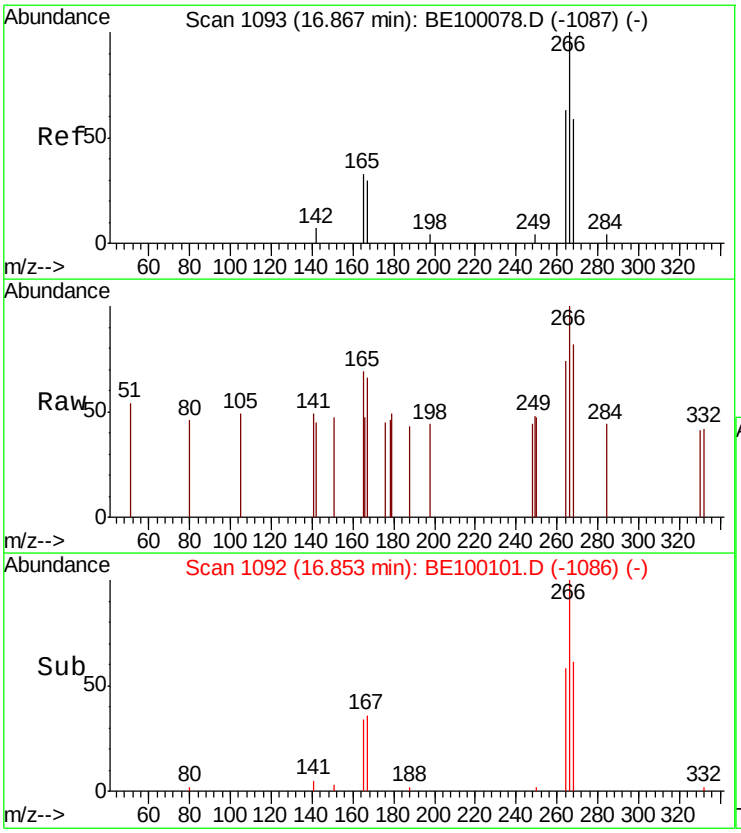
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1316

Ion	Ratio	Lower	Upper
284	100		
142	22.8	20.7	31.1
249	32.0	26.6	39.8

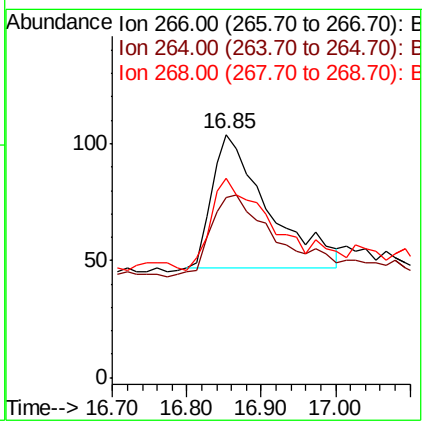


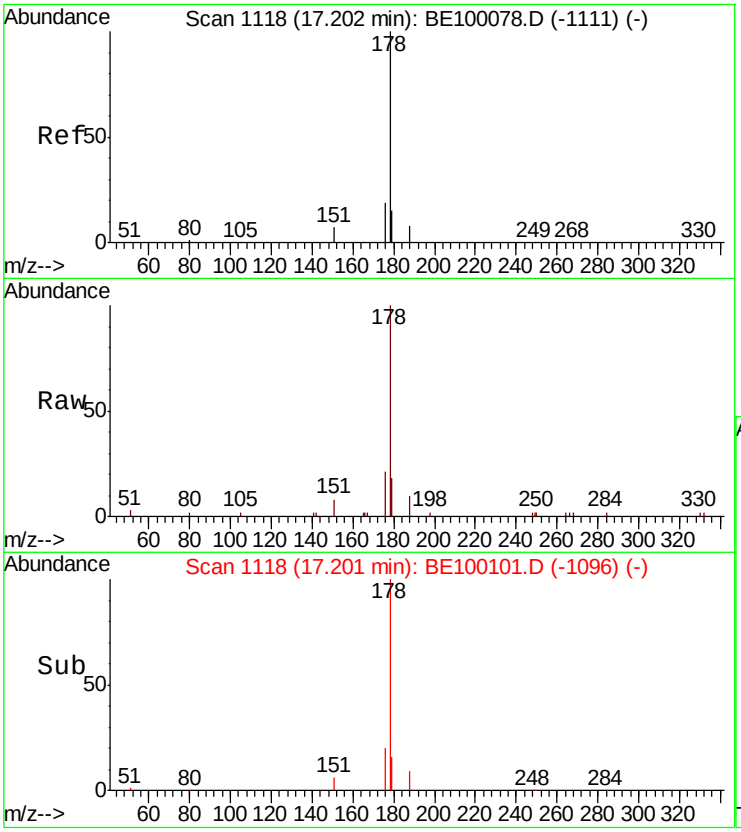


#22
Pentachlorophenol
Concen: 0.502 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:266 Resp: 297

Ion	Ratio	Lower	Upper
266	100		
264	74.0	67.8	101.6
268	81.7	70.0	105.0



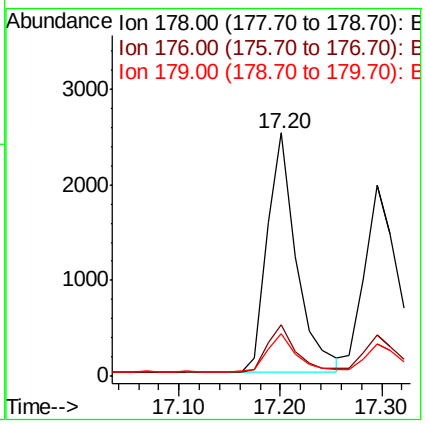


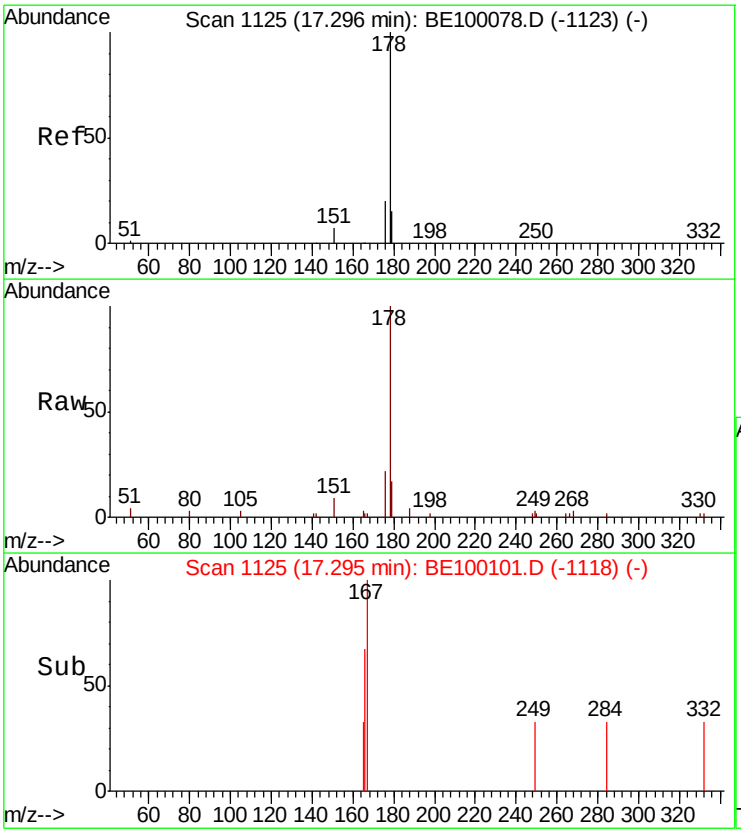
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 4965

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	13.1	19.7

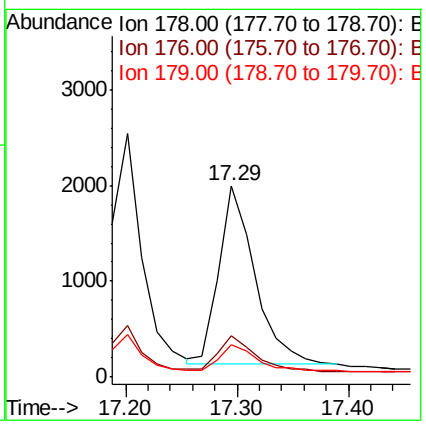


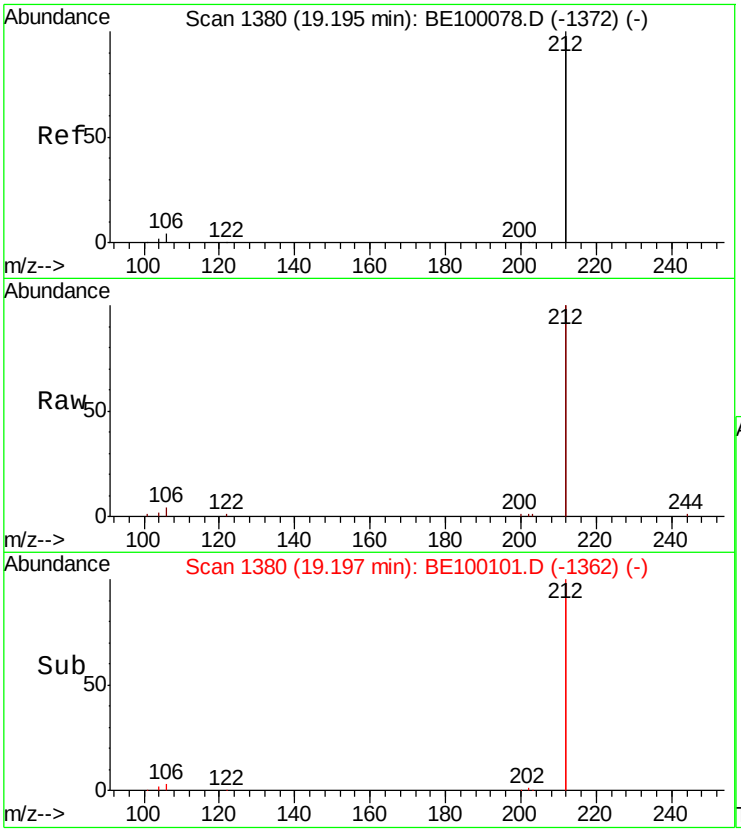


#24
Anthracene
Concen: 0.392 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:178 Resp: 4238

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	14.7	12.0	18.0



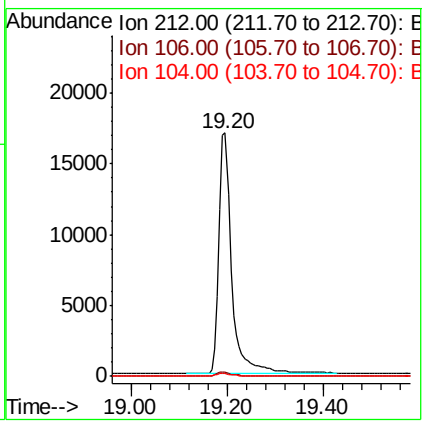


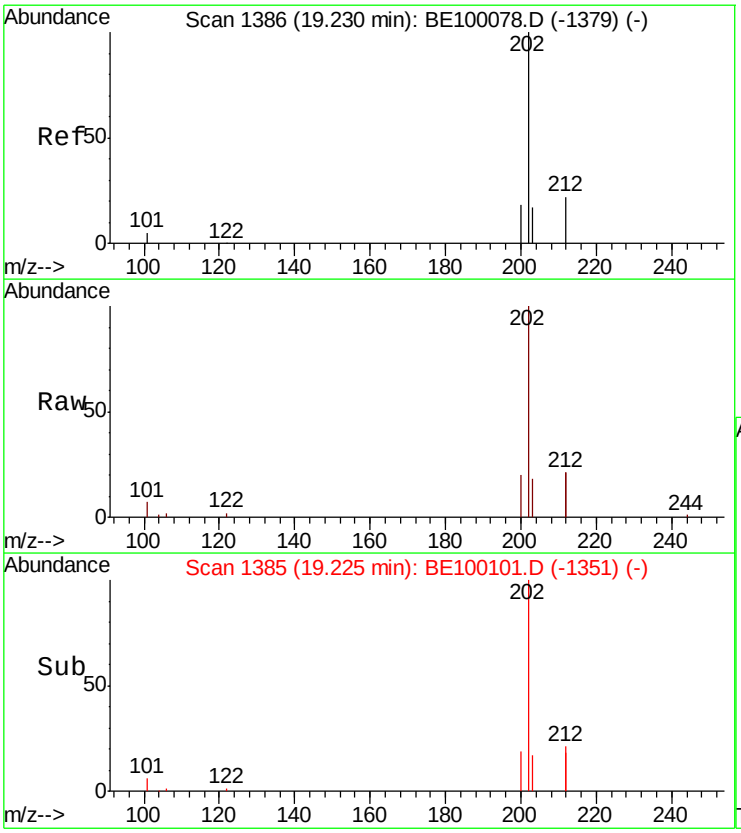
#25
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 31877

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

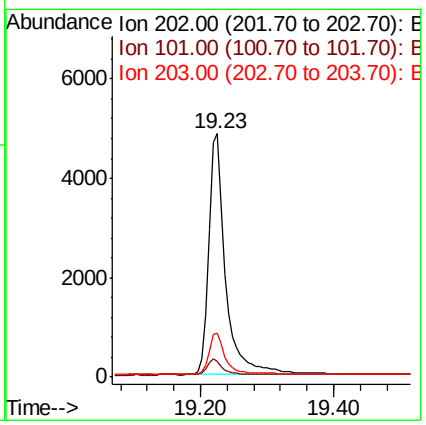


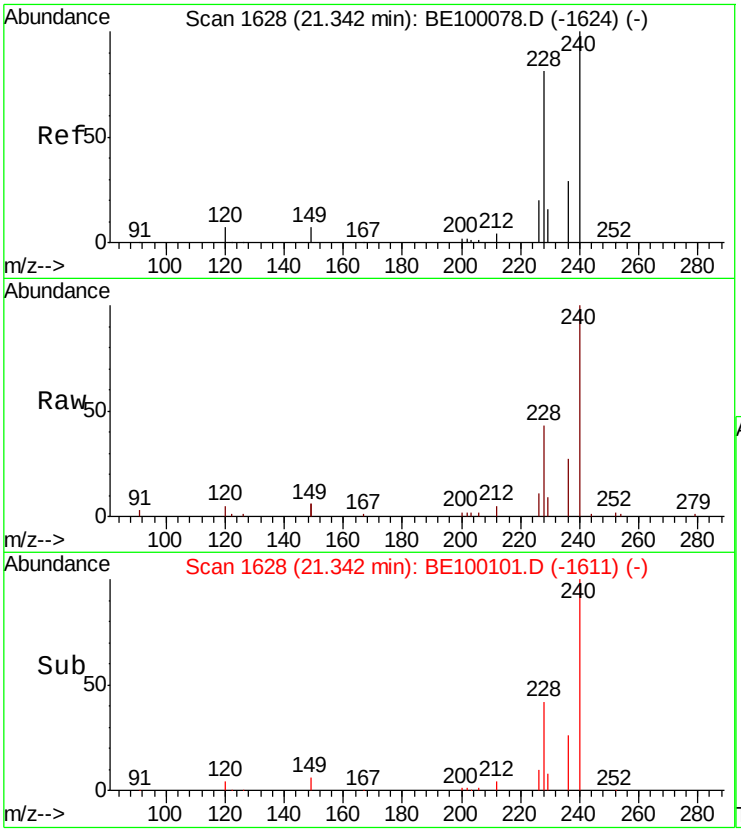


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:202 Resp: 8484

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.0	7.4
203	17.3	13.7	20.5



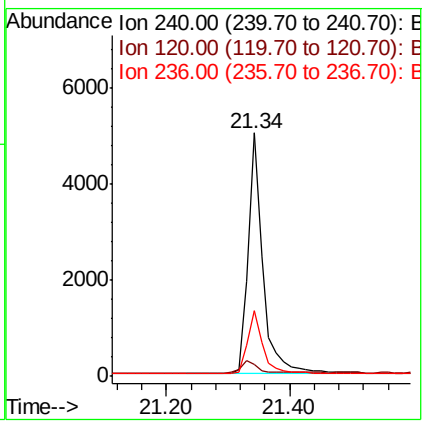


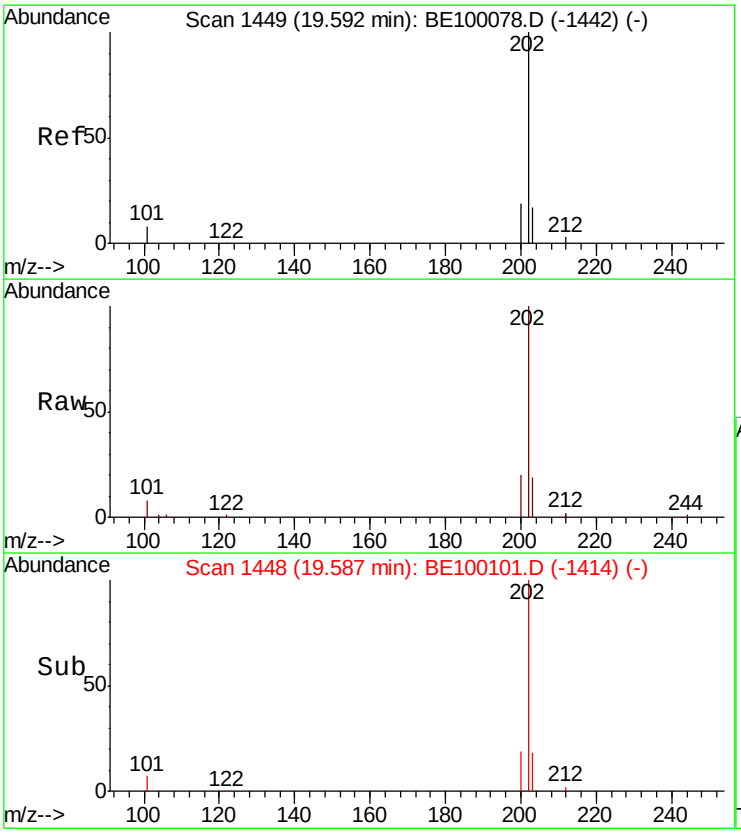
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8344

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.6	10.0#
236	26.9	23.8	35.6

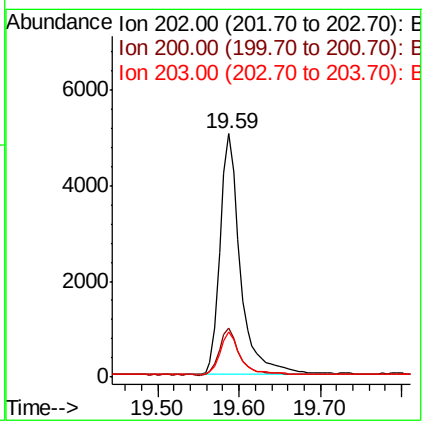


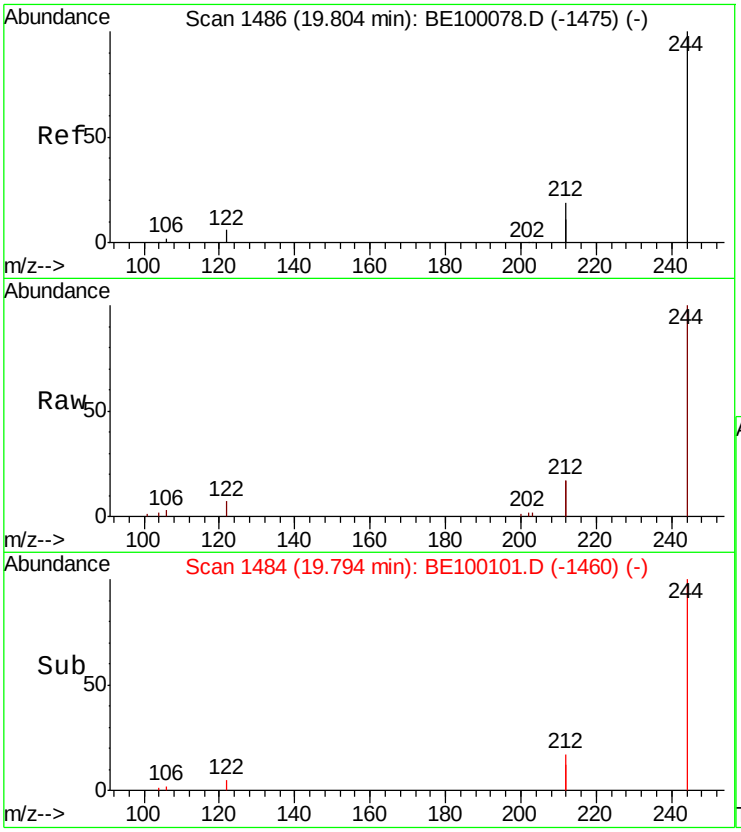


#28
Pyrene
Concen: 0.409 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:202 Resp: 8764

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.4	13.9	20.9



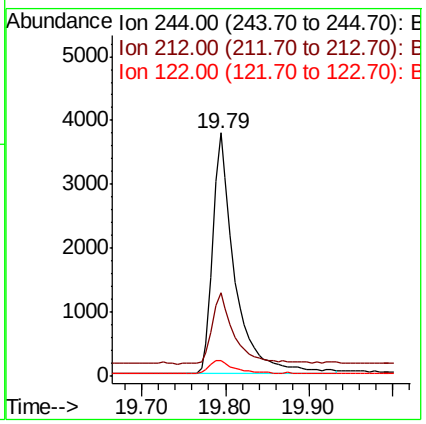


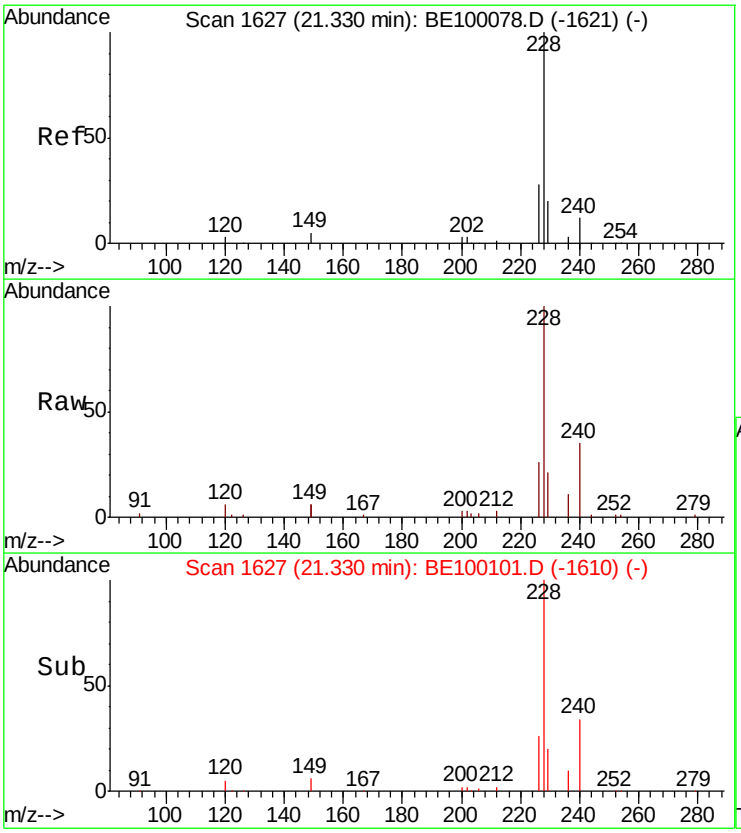
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6925

Ion	Ratio	Lower	Upper
244	100		
212	34.1	29.8	44.8
122	6.6	6.1	9.1

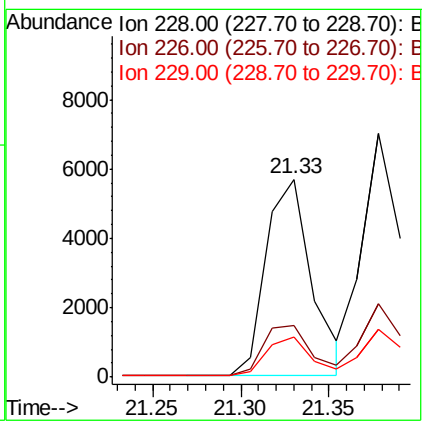


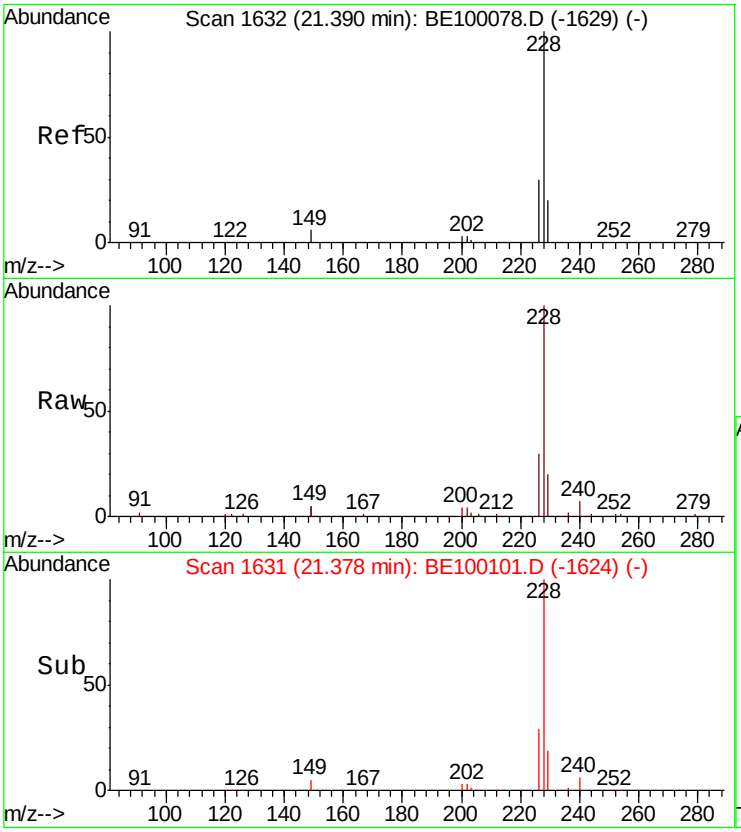


#30
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:228 Resp: 10173

Ion	Ratio	Lower	Upper
228	100		
226	26.3	23.0	34.4
229	20.5	16.4	24.6



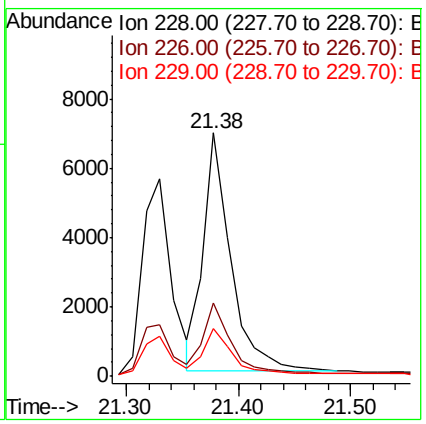


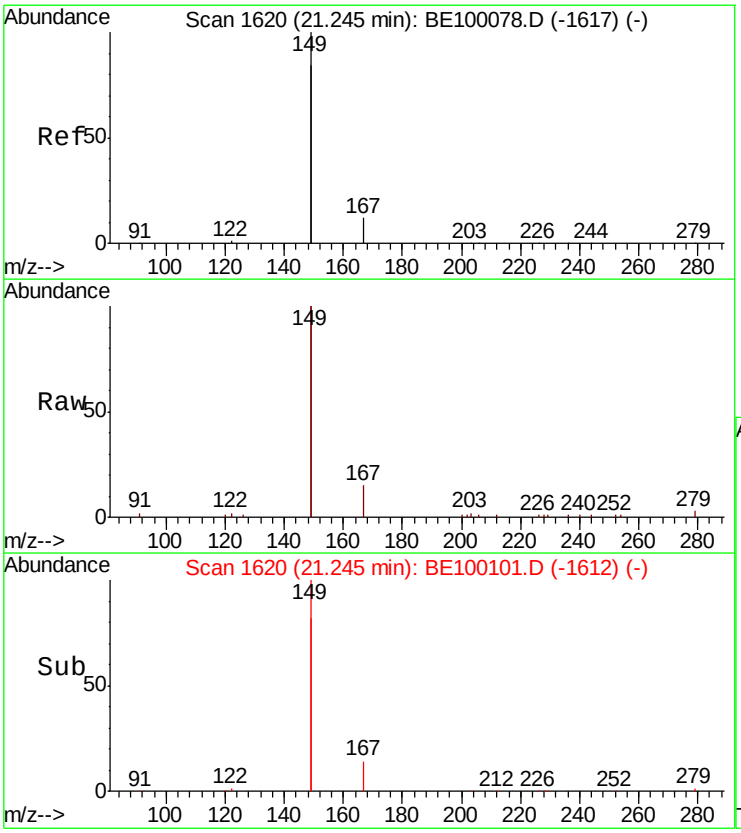
#31
Chrysene
Concen: 0.402 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11602

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.6	16.3	24.5

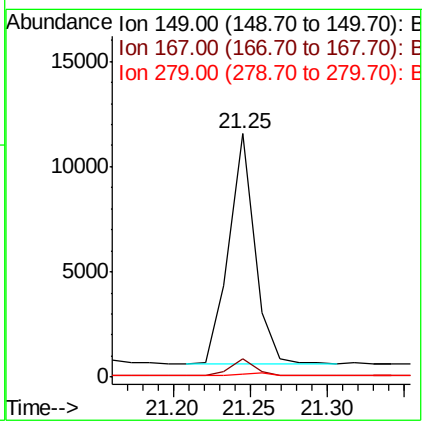


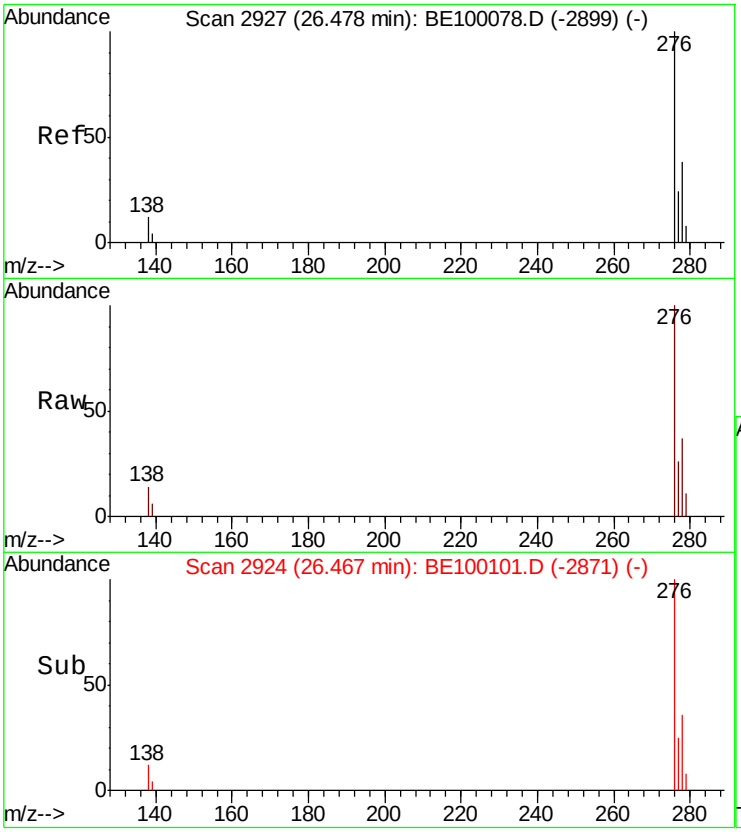


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.540 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:149 Resp: 12655

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.5	1.1	1.7



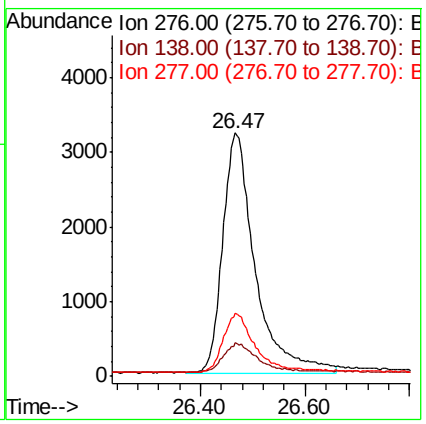


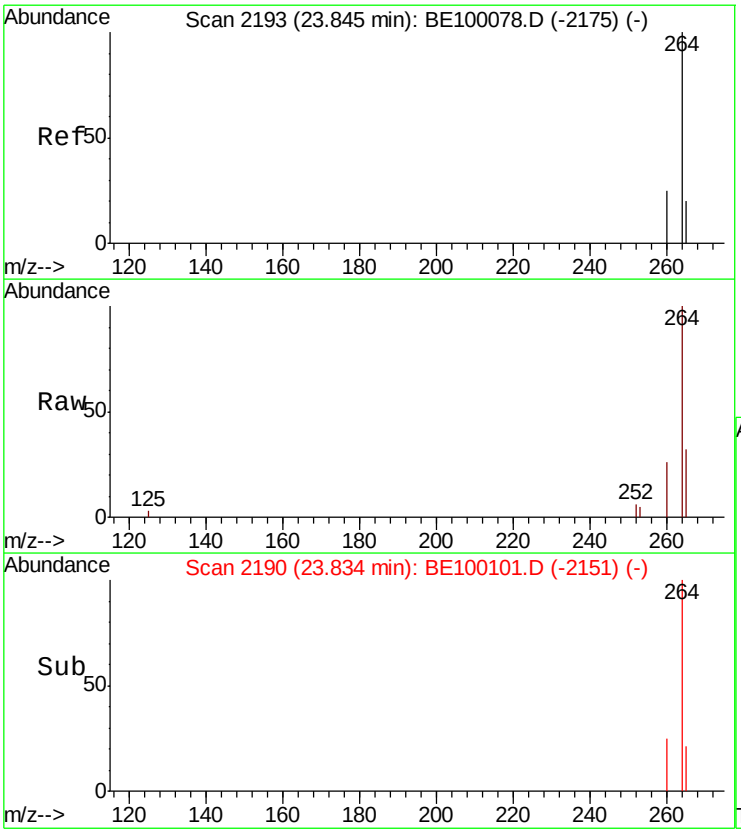
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng
RT: 26.47 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13796

Ion	Ratio	Lower	Upper
276	100		
138	12.7	4.3	6.5#
277	23.5	19.4	29.0

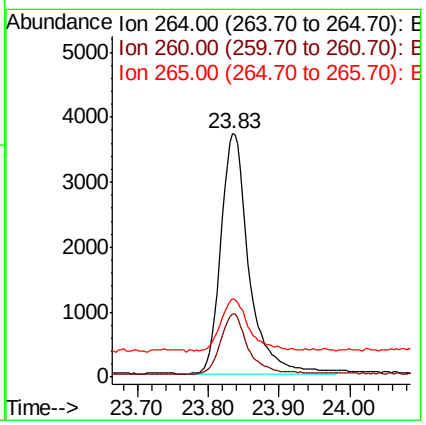


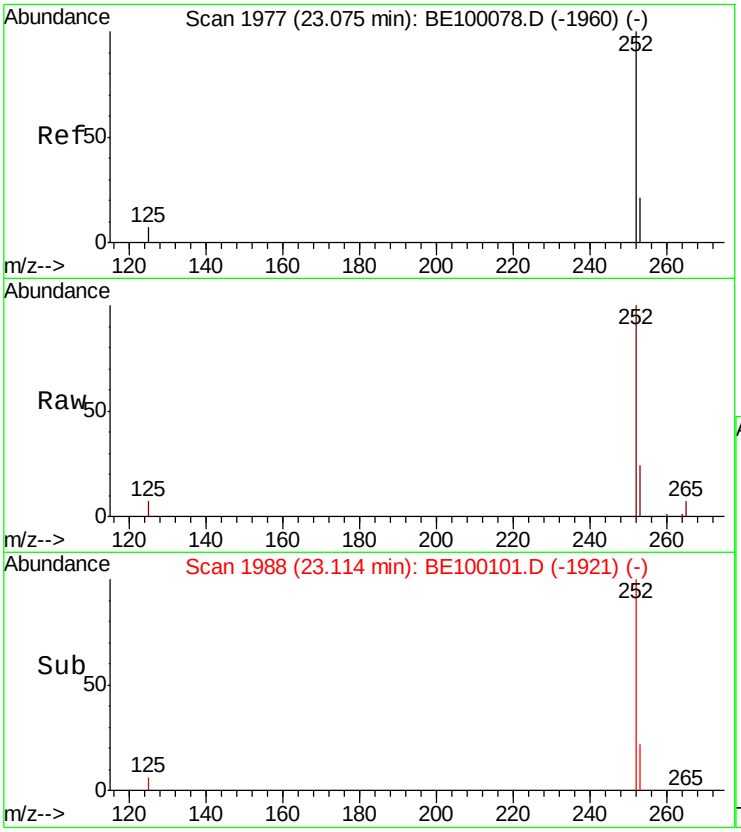


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:264 Resp: 10053

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.8	31.2
265	32.0	23.2	34.8



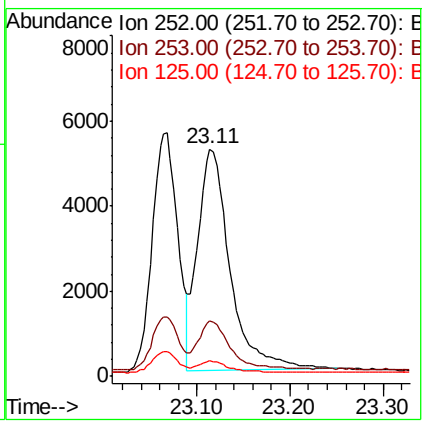


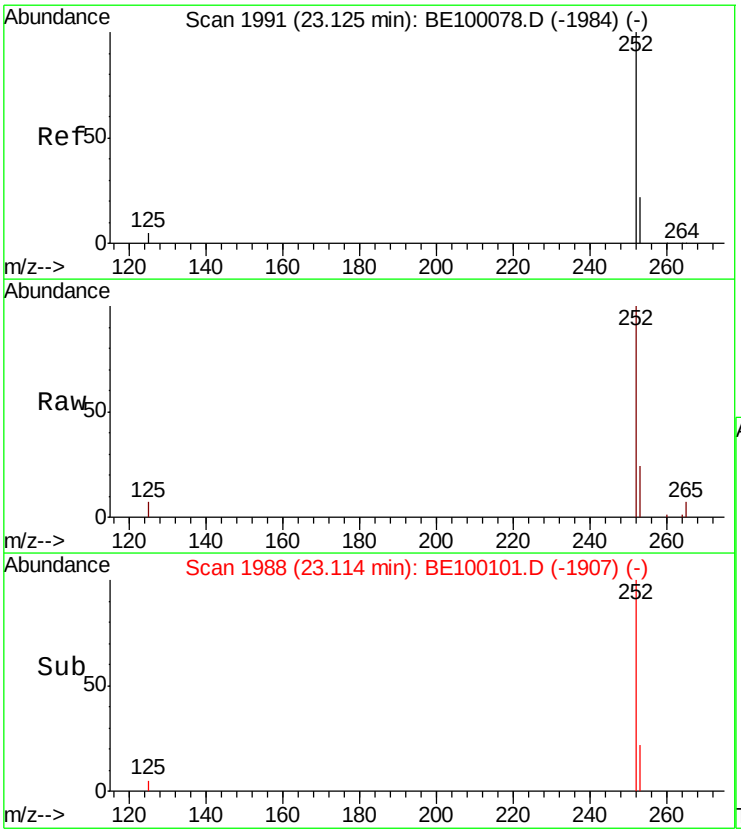
#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 23.11 min Scan# 1988
Delta R.T. 0.04 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12603

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	7.1	6.4	9.6

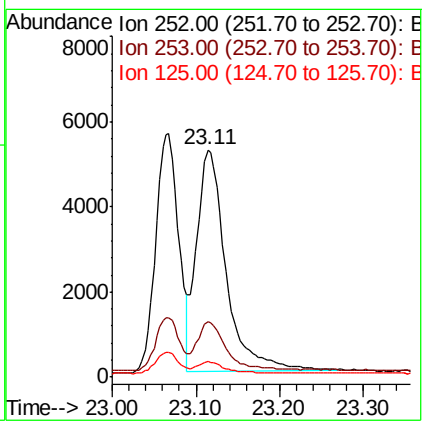


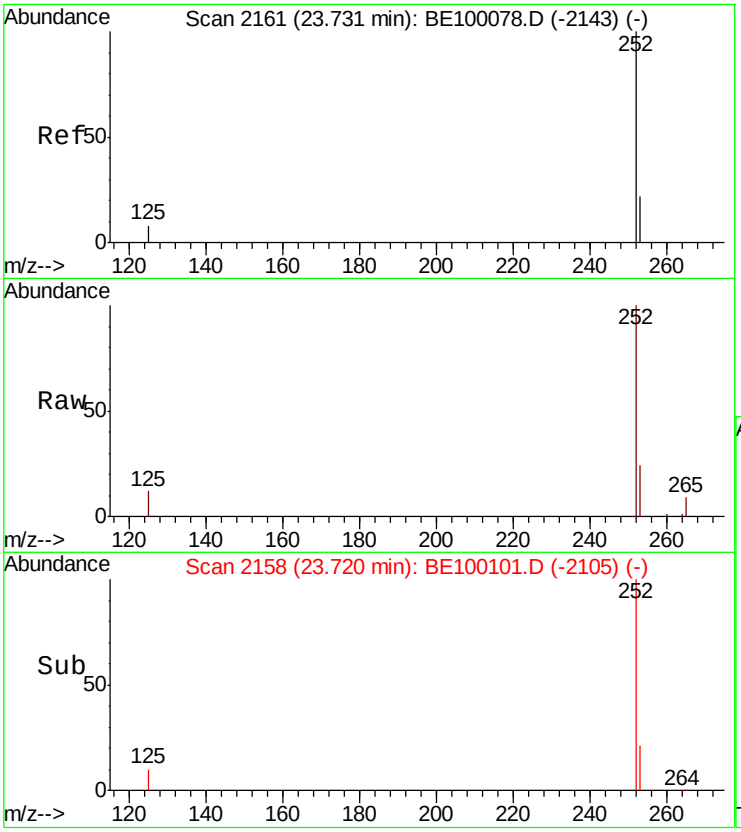


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:252 Resp: 12816

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	7.1	5.3	7.9



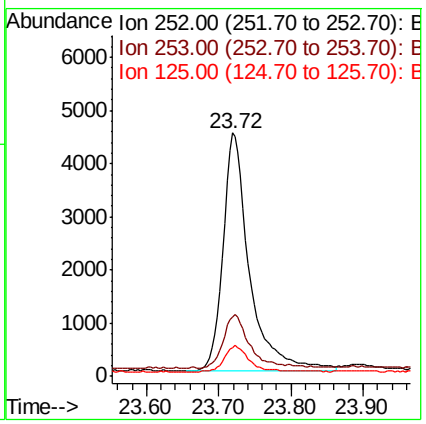


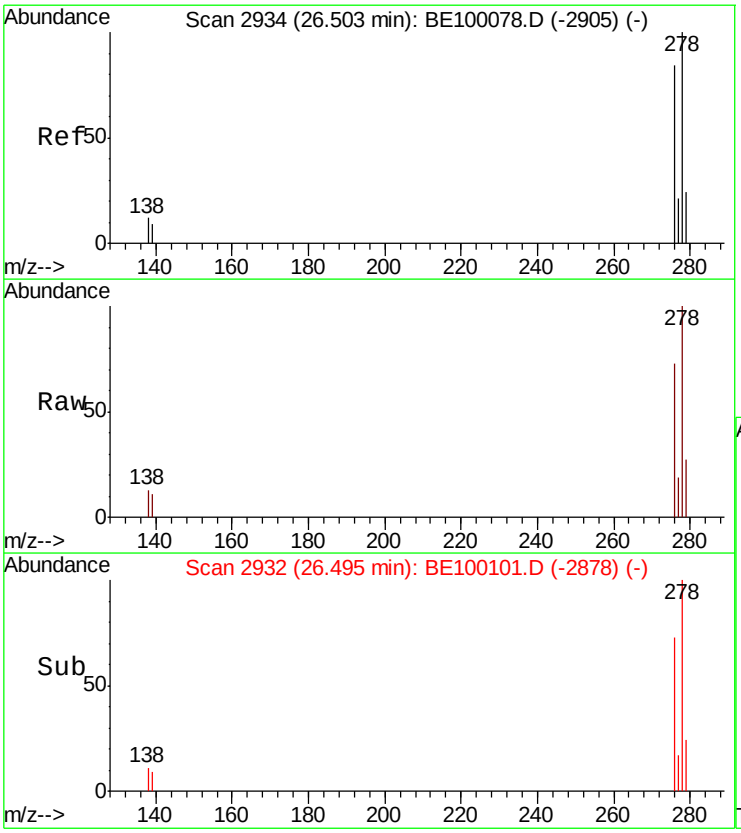
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11229

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	11.8	8.0	12.0

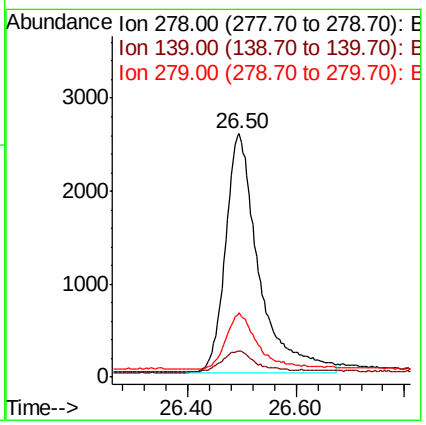


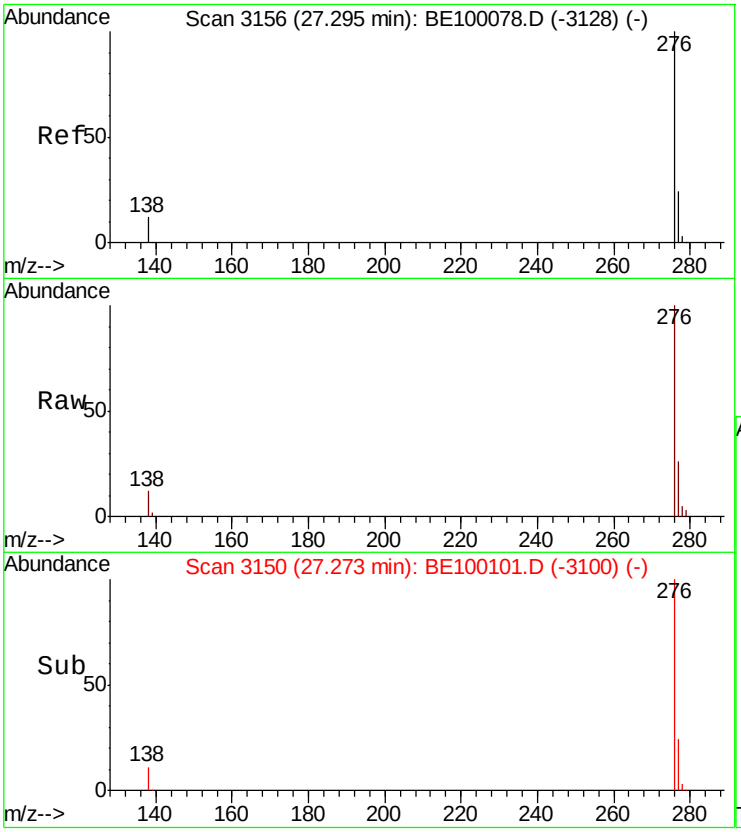


#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 26.50 min Scan# 2932
Delta R.T. -0.01 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Tgt Ion:278 Resp: 10984

Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.0	13.6
279	26.6	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 27.27 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BE100101.D
Acq: 20 Jun 2019 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11287

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.3	30.5
138	12.5	11.3	16.9