Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
Data File : BE100527.D
Acq On : 20 Sep 2019 14:37
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 20 16:21:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:06:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6467	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	29290	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	16303	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	36514	0.40	ng		0.00
27) Chrysene-d12	21.37	240	38545	0.40	ng		0.00
34) Perylene-d12	23.83	264	45179	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	2687	0.16	ng		0.00
5) Phenol-d6	7.02	99	3533	0.16	ng		0.00
8) Nitrobenzene-d5	9.00	82	2795	0.17	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	8279	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	435	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	11245	0.20	ng		0.00
25) Fluoranthene-d10	19.22	212	79234	0.18	ng		0.00
29) Terphenyl-d14	19.82	244	17733	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1820	0.182	ng		94
3) n-Nitrosodimethylamine	3.69	42	957	0.170	ng	#	67
6) bis(2-Chloroethyl)ether	7.29	93	3991	0.191	ng		95
9) Naphthalene	10.69	128	58943	0.198	ng		100
10) Hexachlorobutadiene	10.99	225	1930	0.206	ng		99
12) 2-Methylnaphthalene	12.31	142	8817	0.184	ng		98
16) Acenaphthylene	14.20	152	12123	0.179	ng		99
17) Acenaphthene	14.54	154	8395	0.189	ng		100
18) Fluorene	15.51	166	10608	0.187	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	2986	0.179	ng	#	71
21) Hexachlorobenzene	16.52	284	2837	0.199	ng		98
22) Pentachlorophenol	16.91	266	353	0.099	ng		92
23) Phenanthrene	17.24	178	18753	0.188	ng		99
24) Anthracene	17.33	178	14568	0.172	ng		99
26) Fluoranthene	19.25	202	21903	0.181	ng		100
28) Pyrene	19.62	202	22207	0.204	ng		100
30) Benzo(a)anthracene	21.34	228	19422	0.183	ng		98
31) Chrysene	21.40	228	22309	0.198	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	20761	0.163	ng		99
33) Indeno(1,2,3-cd)pyrene	26.45	276	25035	0.188	ng		100
35) Benzo(b)fluoranthene	23.08	252	21540	0.182	ng		98
36) Benzo(k)fluoranthene	23.13	252	26095	0.189	ng		97
37) Benzo(a)pyrene	23.72	252	20364	0.180	ng		96
38) Dibenzo(a,h)anthracene	26.47	278	20515	0.176	ng		99
39) Benzo(g,h,i)perylene	27.24	276	22962	0.191	ng		97

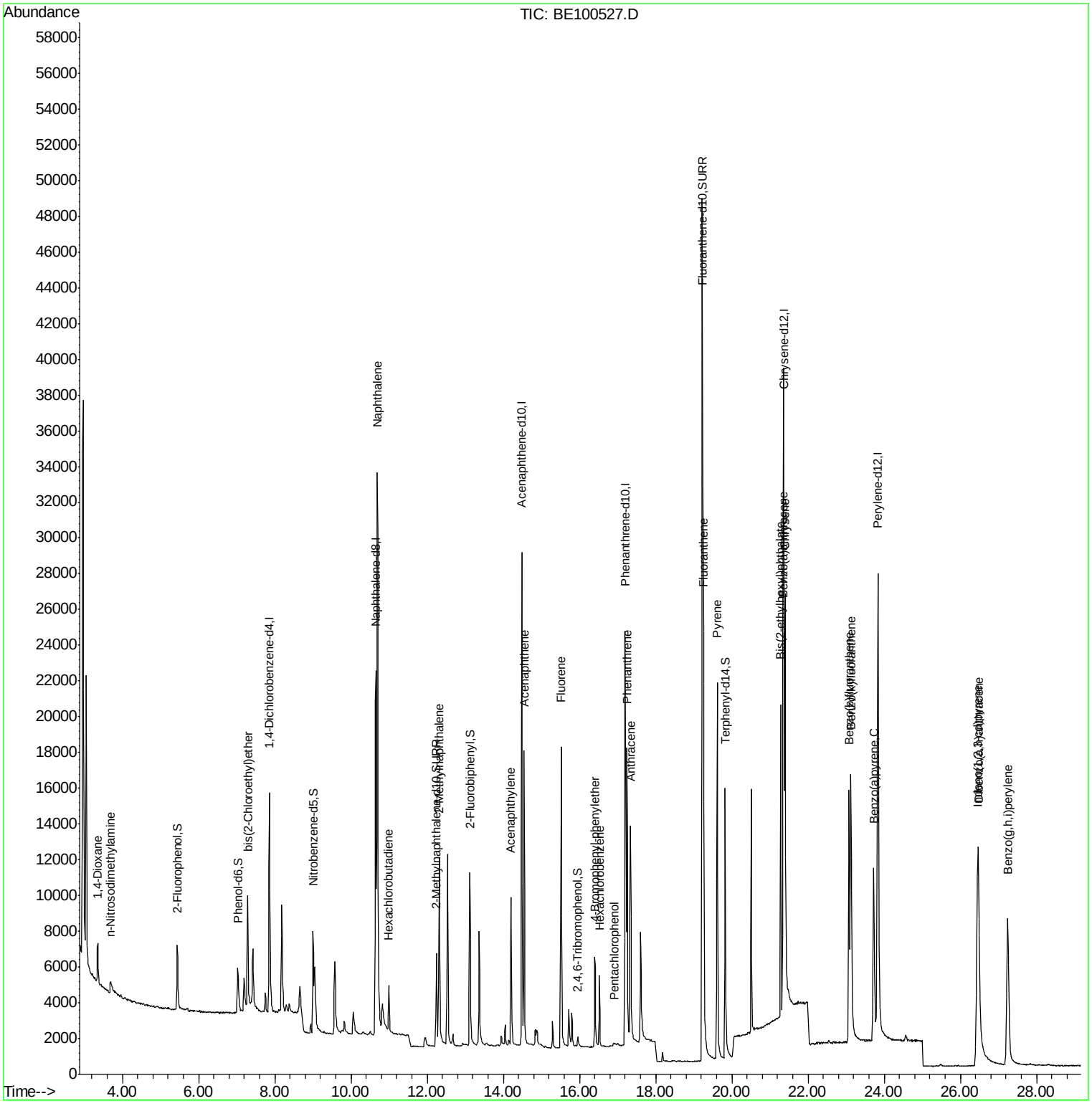
(#) = qualifier out of range (m) = manual integration (+) = signals summed

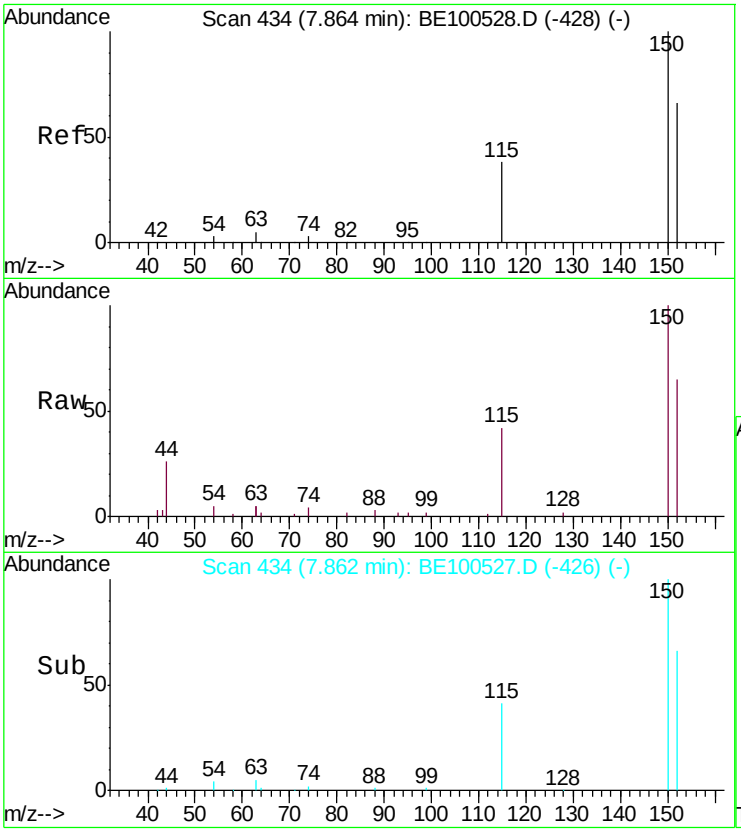
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
Data File : BE100527.D
Acq On : 20 Sep 2019 14:37
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 20 16:21:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:06:36 2019
Response via : Initial Calibration



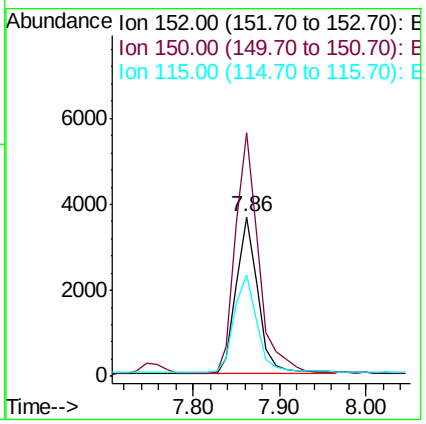


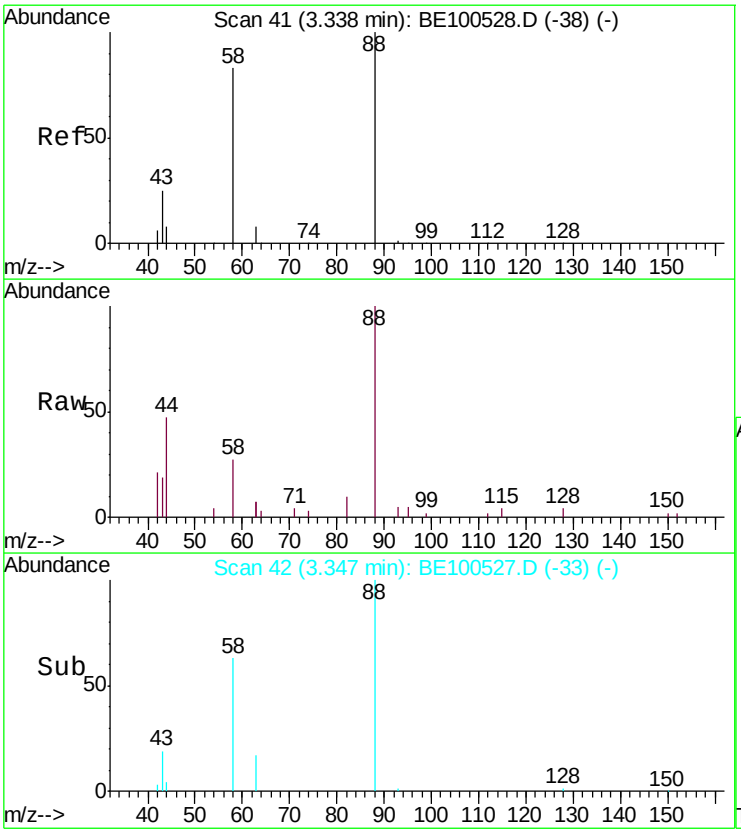
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 6467

Ion	Ratio	Lower	Upper
152	100		
150	153.0	121.6	182.4
115	63.9	48.2	72.4

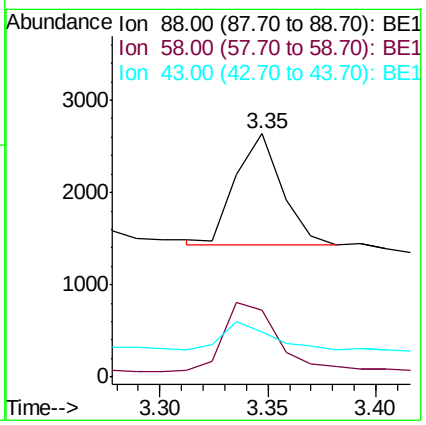


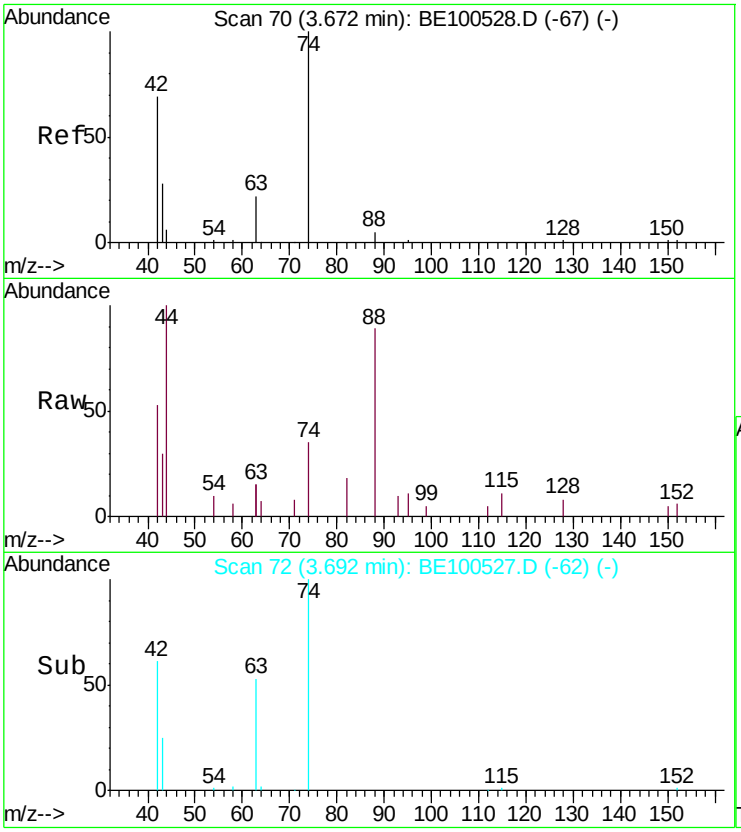


#2
1,4-Dioxane
Concen: 0.182 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion: 88 Resp: 1820

Ion	Ratio	Lower	Upper
88	100		
58	70.4	53.3	79.9
43	24.8	16.9	25.3



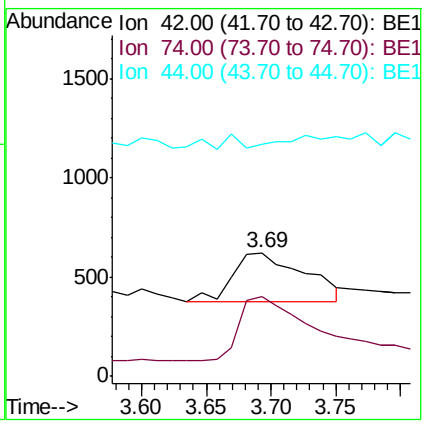


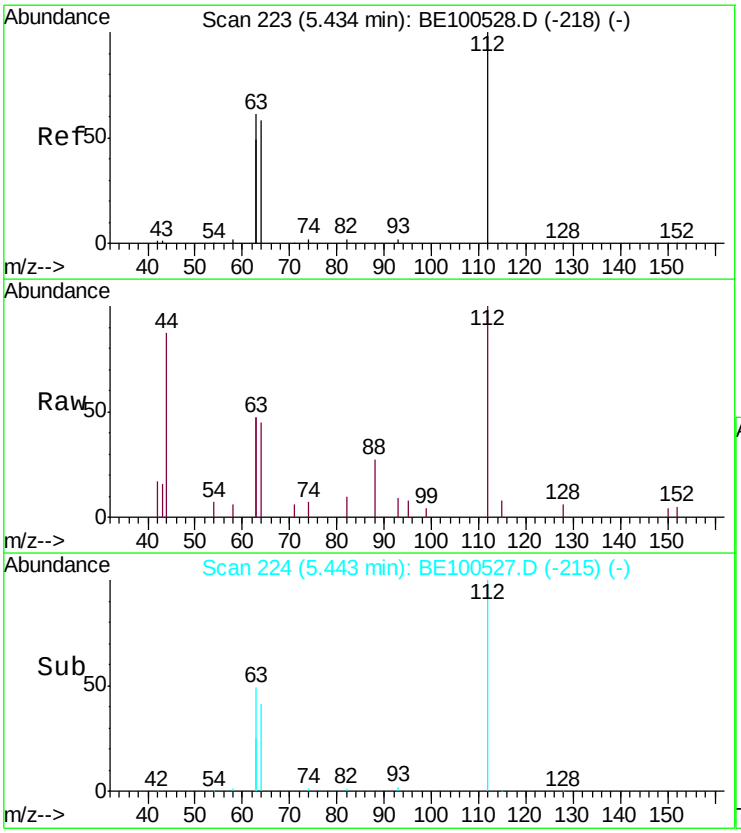
#3
n-Nitrosodimethylamine
Concen: 0.170 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.02 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 957

Ion	Ratio	Lower	Upper
42	100		
74	121.9	133.8	200.6#
44	0.0	6.4	9.6#

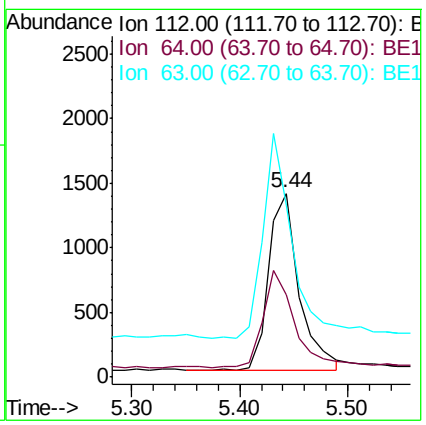


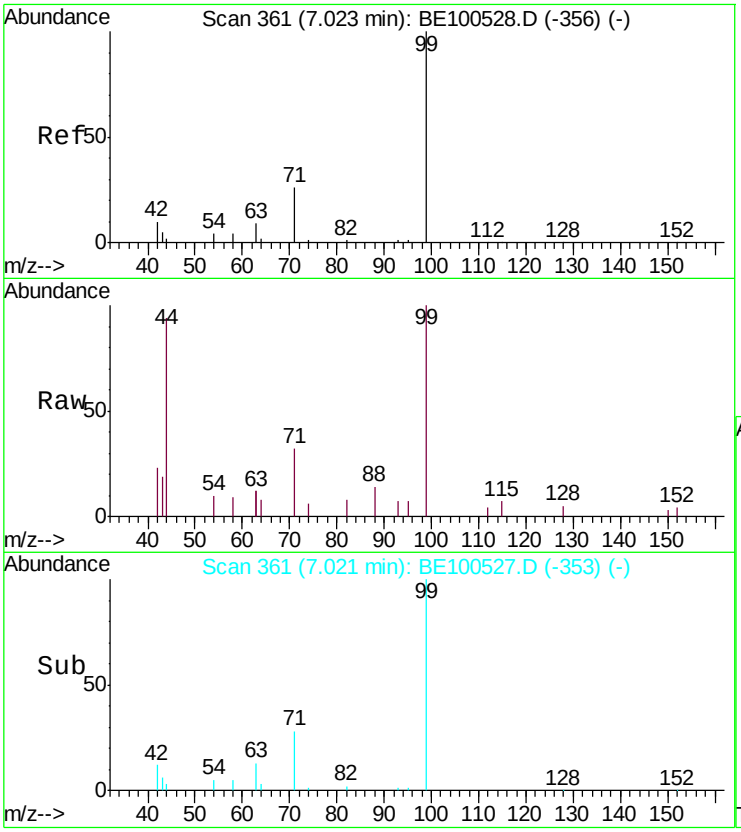


#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:112 Resp: 2687

Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.1	66.1
63	109.6	86.5	129.7



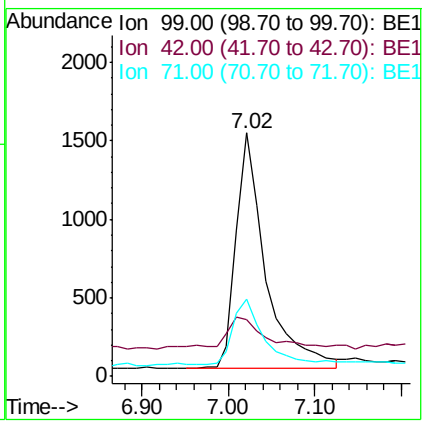


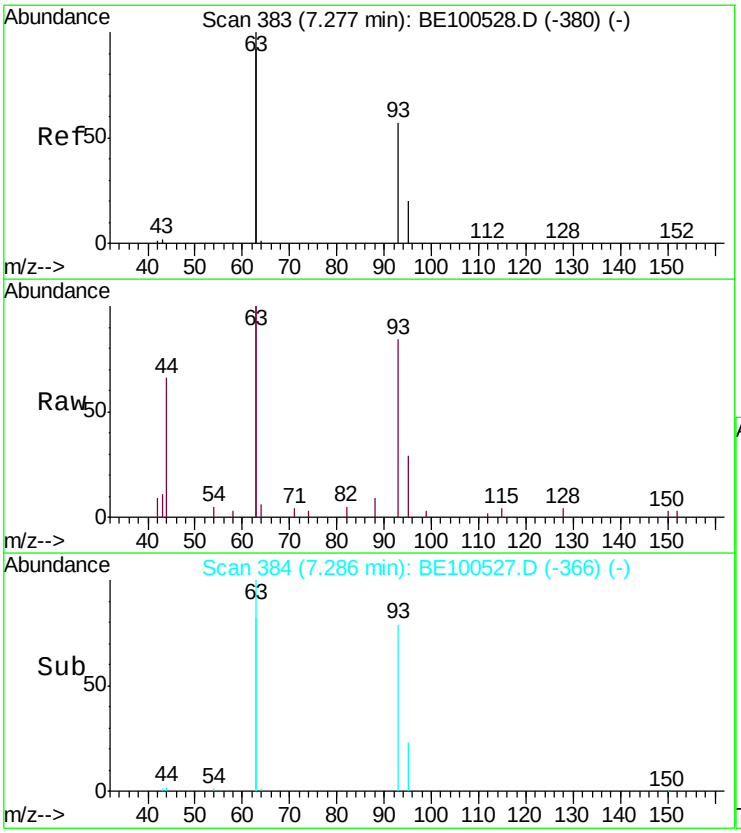
#5
Phenol-d6
Concen: 0.157 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3533

Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.0	19.6
71	29.9	23.4	35.0

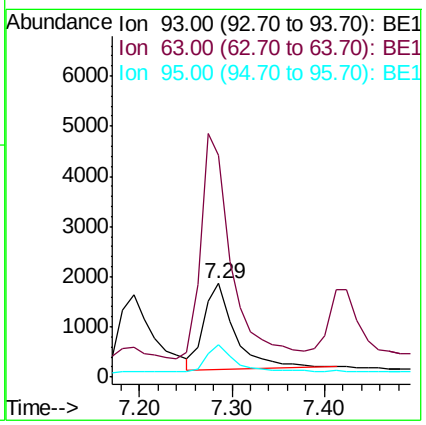


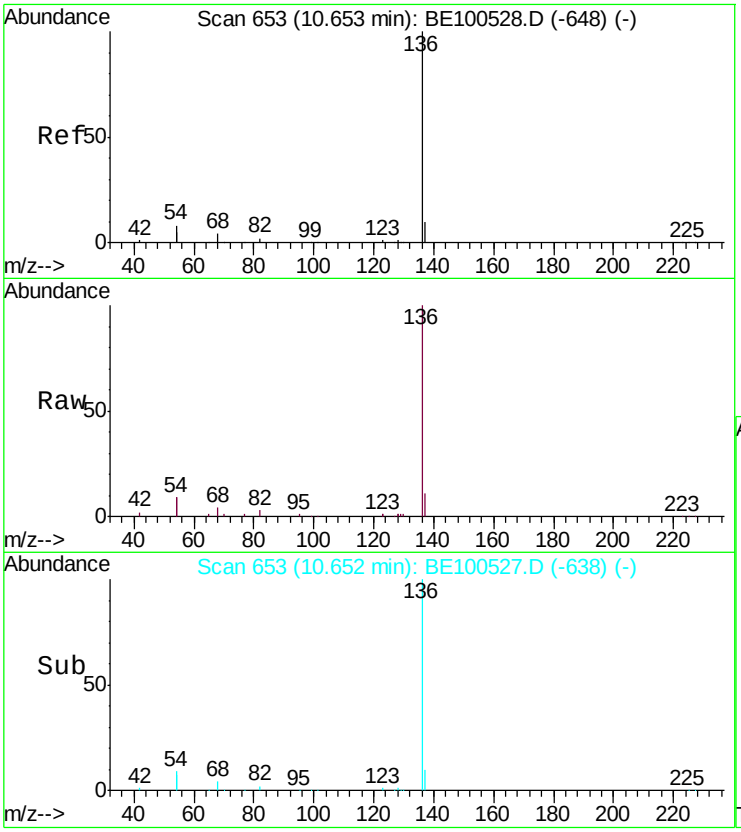


#6
bis(2-Chloroethyl)ether
Concen: 0.191 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.01 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion: 93 Resp: 3991

Ion	Ratio	Lower	Upper
93	100		
63	256.5	213.4	320.0
95	30.3	23.7	35.5



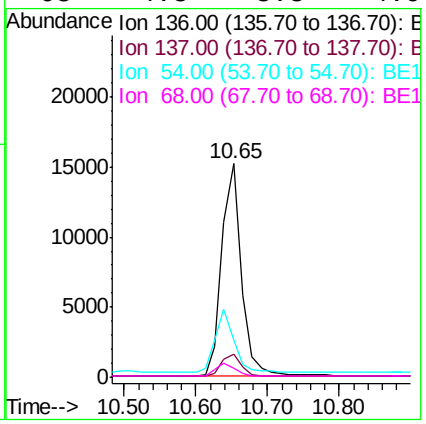


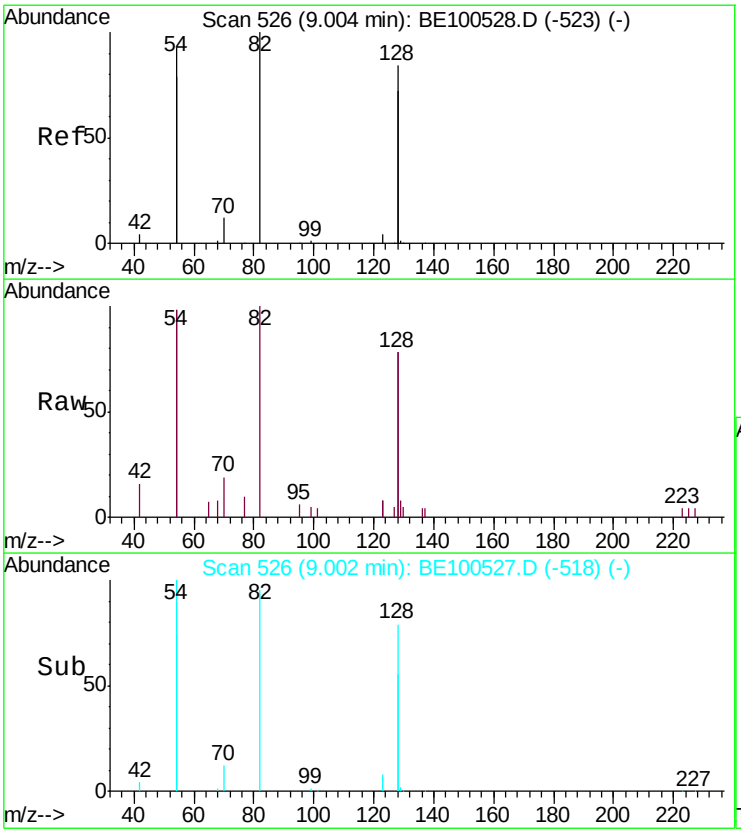
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 29290

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	17.5	12.4	18.6
68	4.3	3.3	4.9

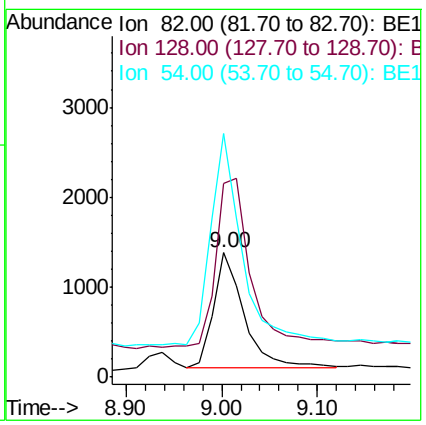


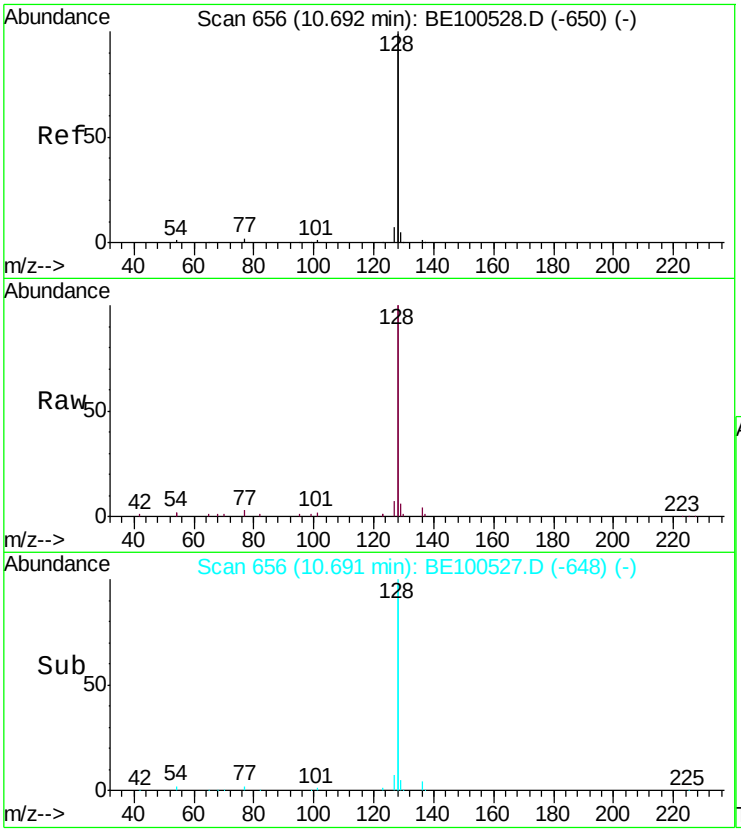


#8
Nitrobenzene-d5
Concen: 0.174 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion: 82 Resp: 2795

Ion	Ratio	Lower	Upper
82	100		
128	155.3	129.4	194.2
54	195.7	143.3	214.9



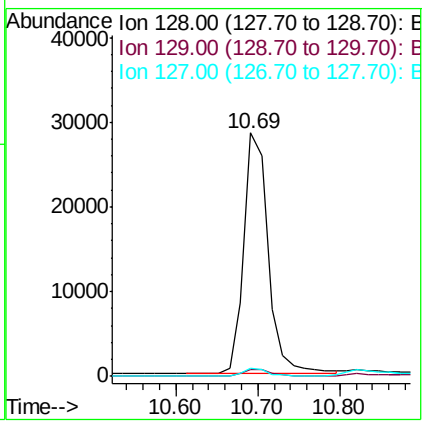


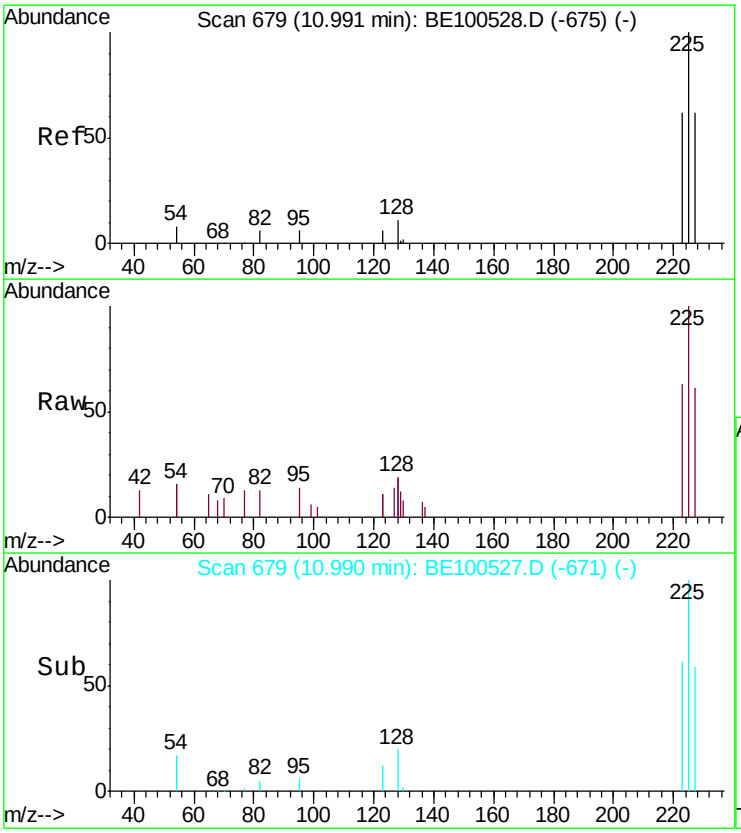
#9
Naphthalene
Concen: 0.198 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 58943

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.5	2.7	4.1

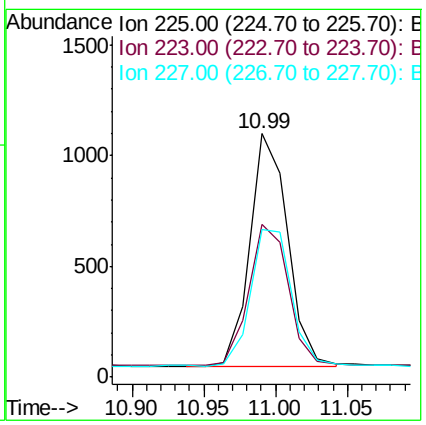


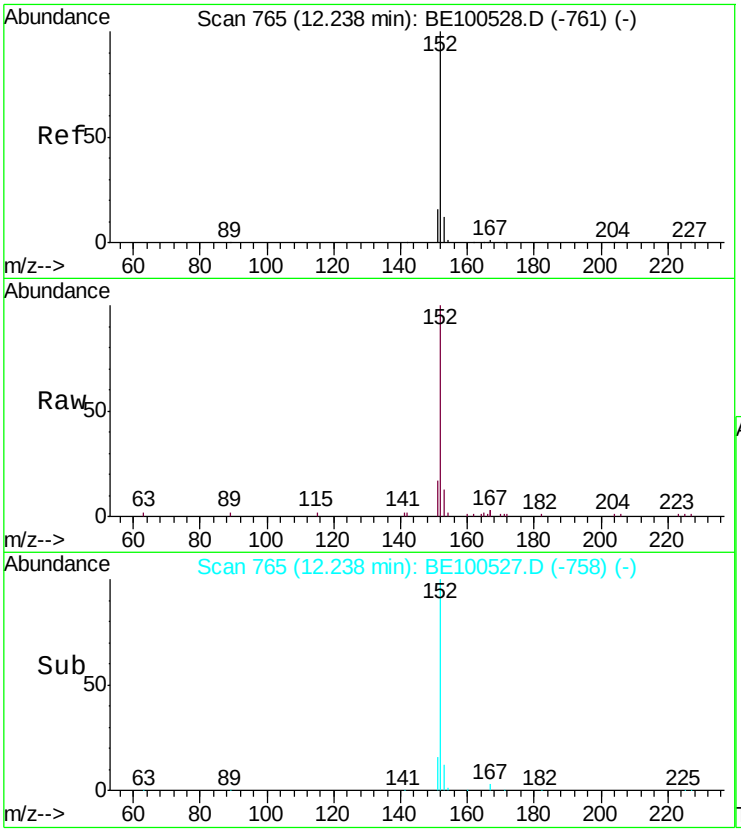


#10
Hexachlorobutadiene
Concen: 0.206 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:225 Resp: 1930

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.0	51.4	77.2



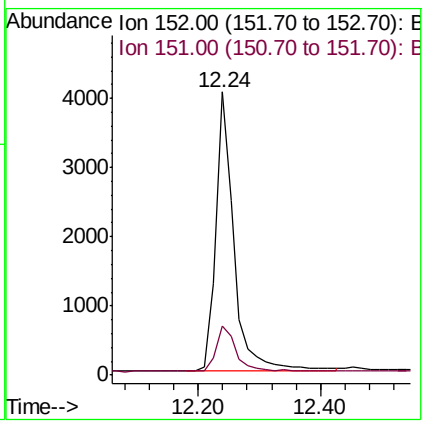


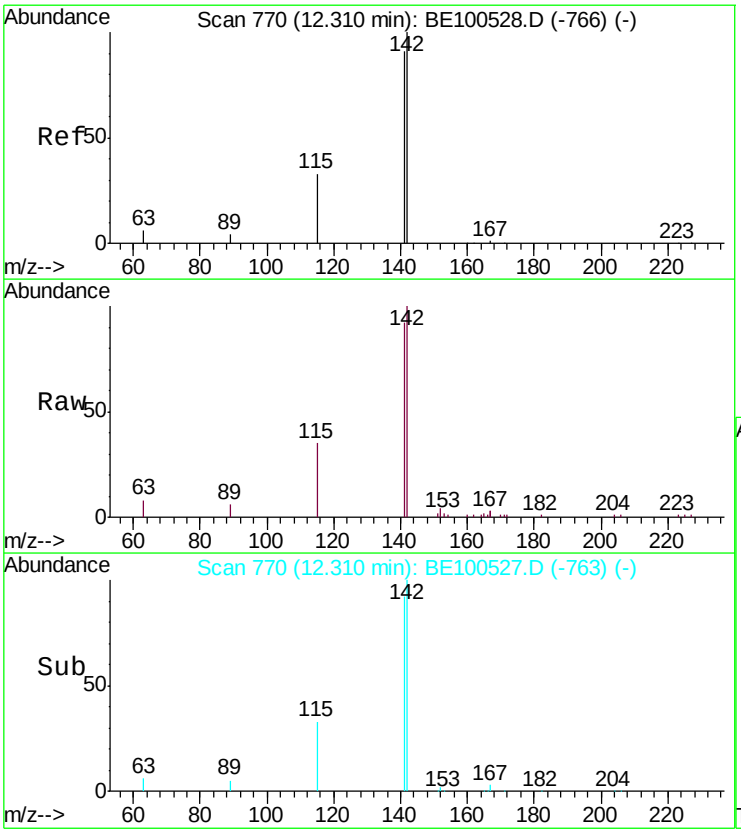
#11
2-Methylnaphthalene-d10
Concen: 0.187 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 8279

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.3	22.9

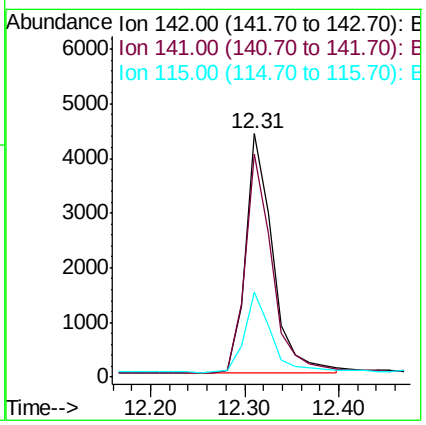


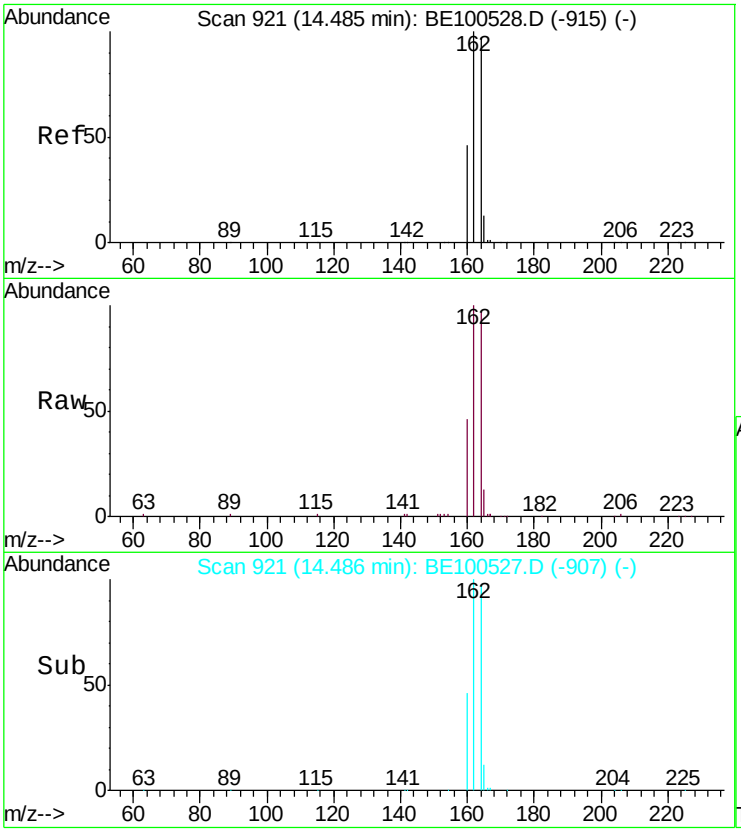


#12
2-Methylnaphthalene
Concen: 0.184 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:142 Resp: 8817

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.5	108.7
115	35.1	27.2	40.8



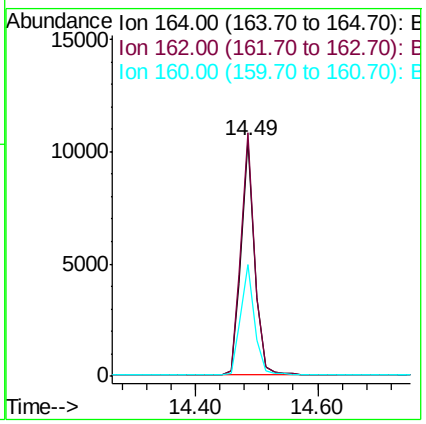


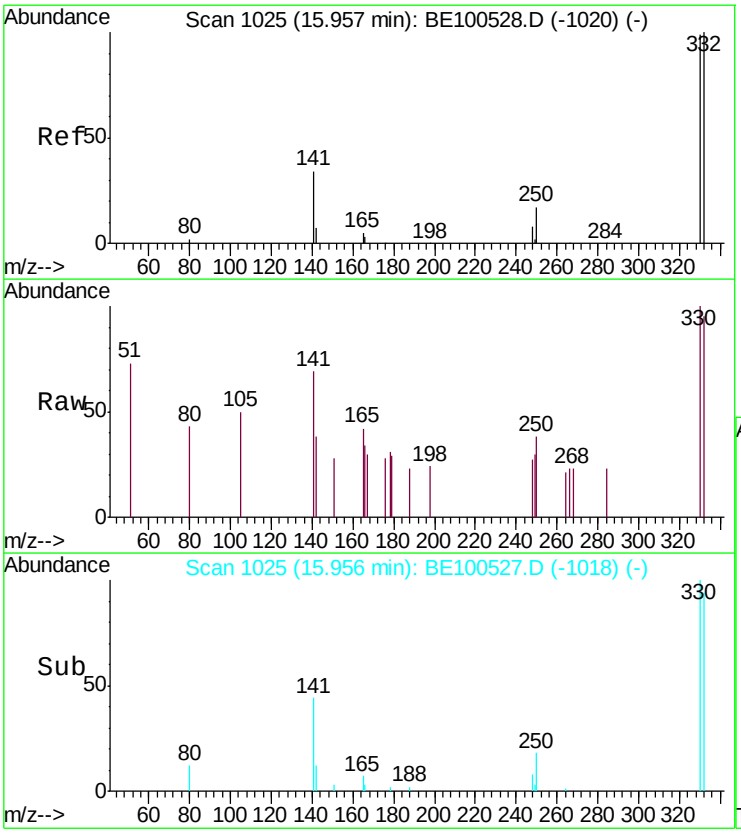
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 16303

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.5	37.6	56.4

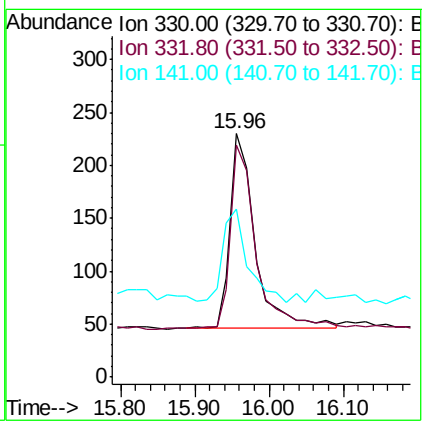


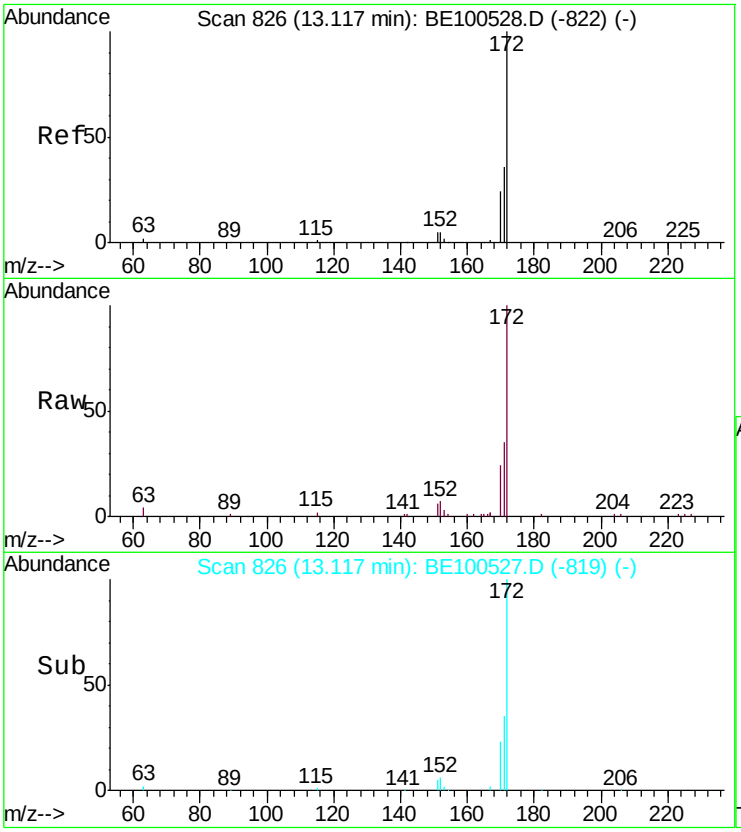


#14
2,4,6-Tribromophenol
Concen: 0.139 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:330 Resp: 435

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.5	113.3
141	46.4	42.3	63.5



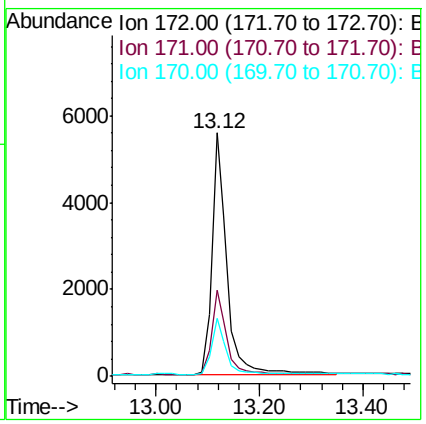


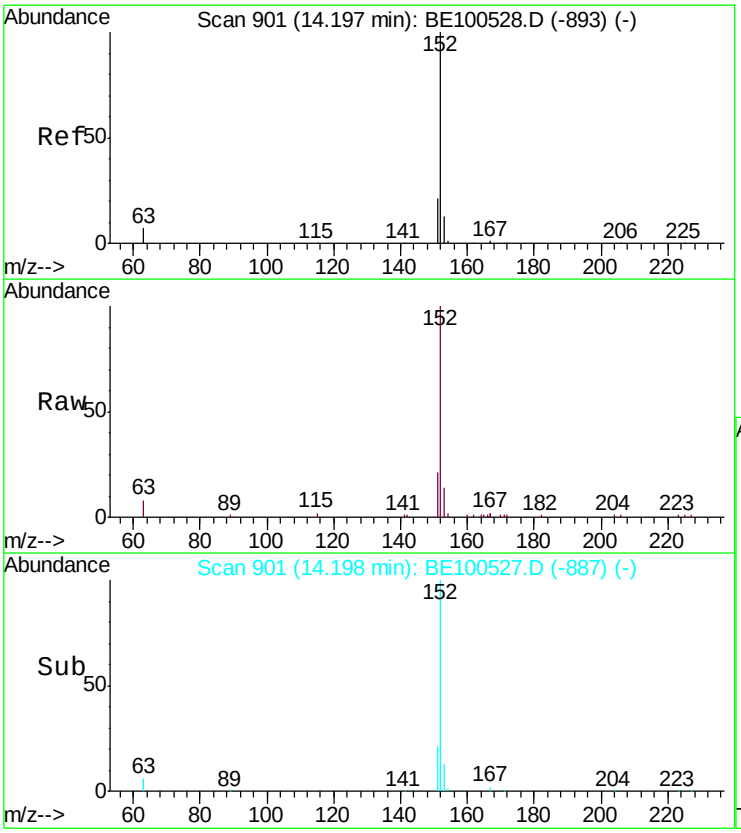
#15
2-Fluorobiphenyl
Concen: 0.199 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 11245

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	24.1	19.4	29.0

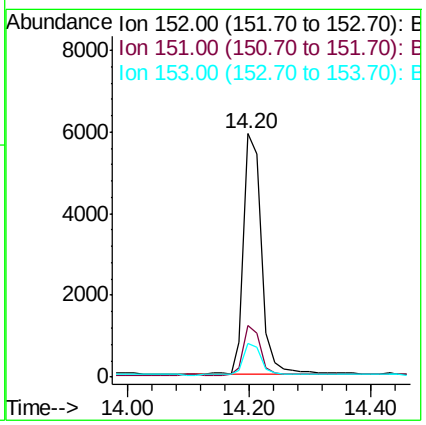


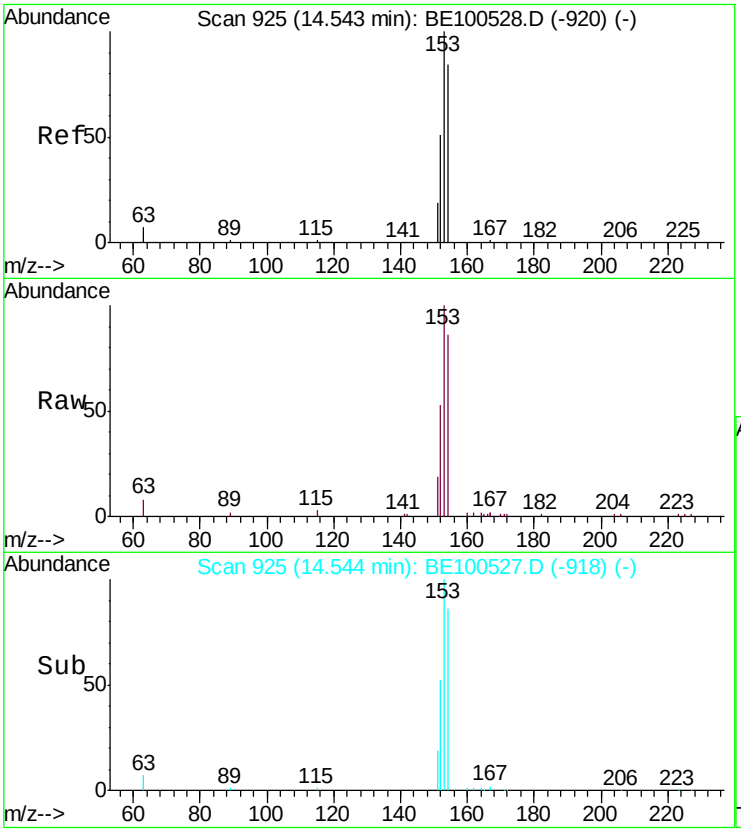


#16
Acenaphthylene
Concen: 0.179 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:152 Resp: 12123

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.7	16.1



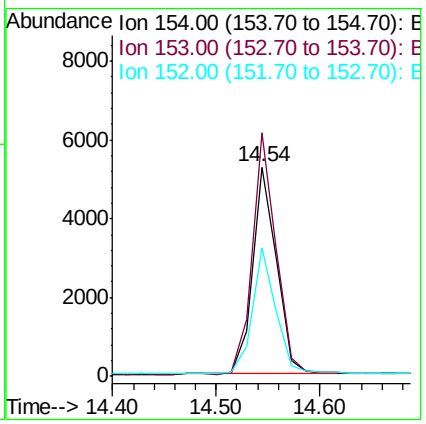


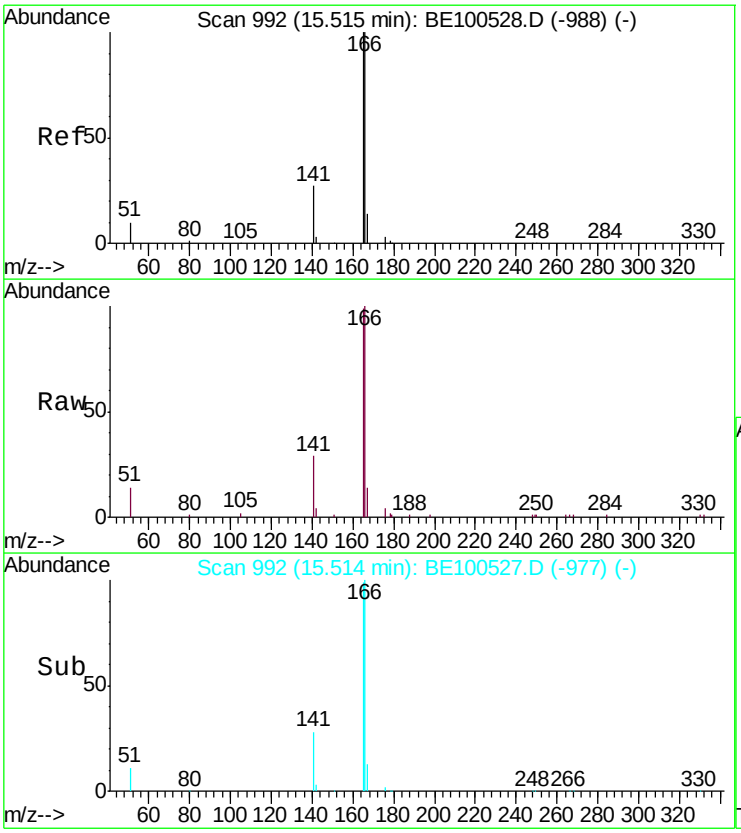
#17
Acenaphthene
Concen: 0.189 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 8395

Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.7	140.5
152	60.0	47.3	70.9

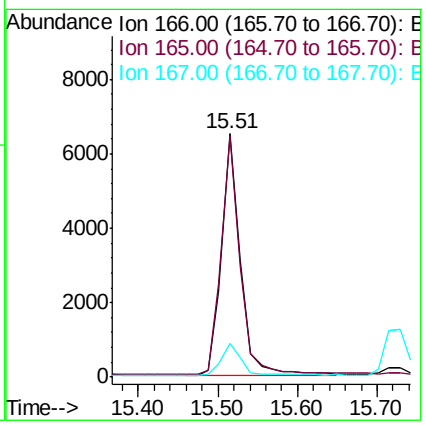


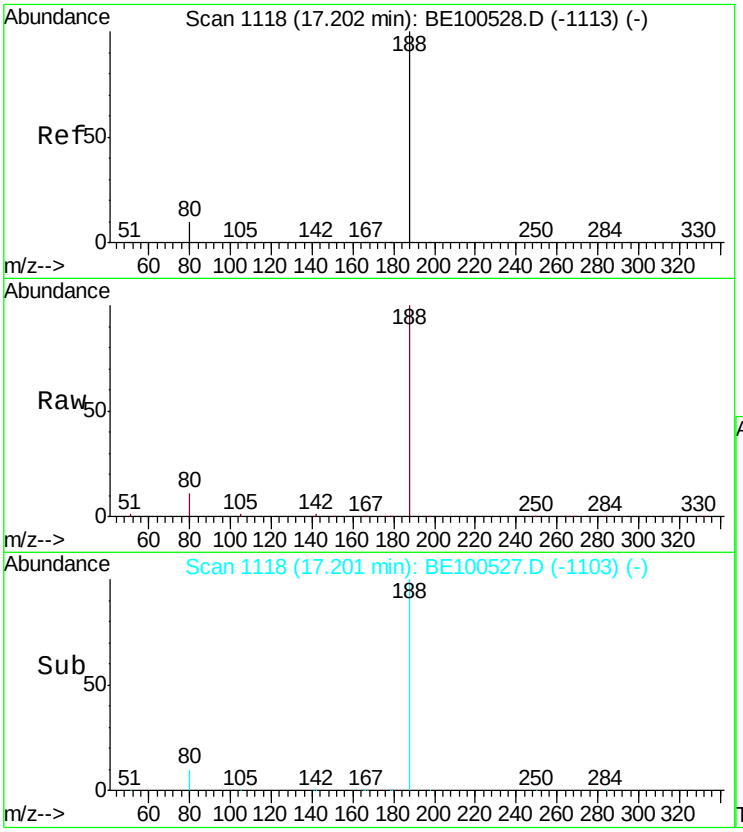


#18
Fluorene
Concen: 0.187 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:166 Resp: 10608

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.1	120.1
167	13.8	10.9	16.3



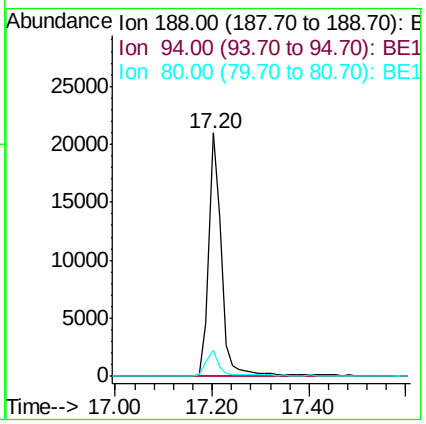


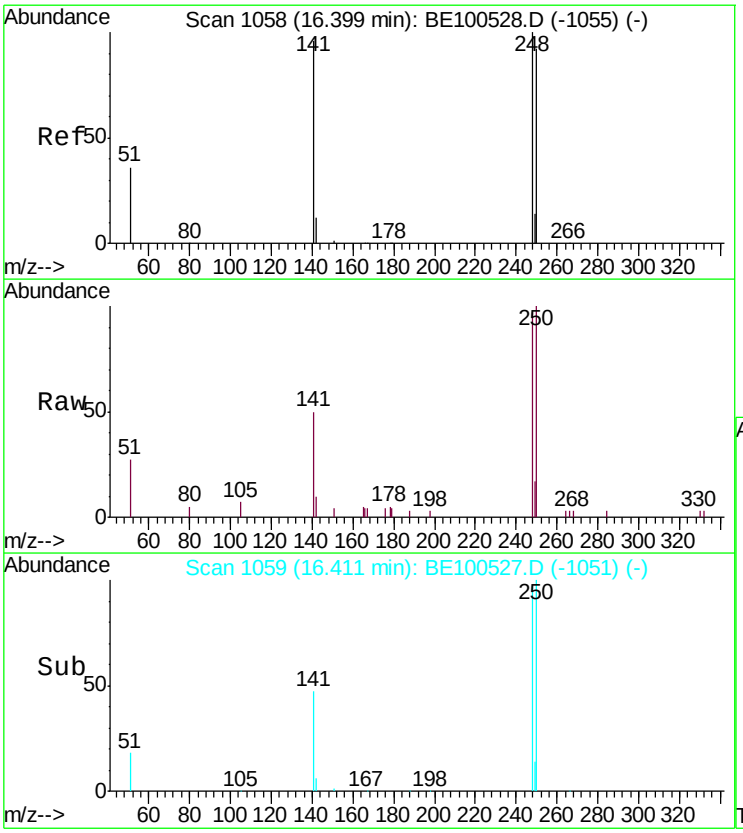
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 36514

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	8.0	12.0

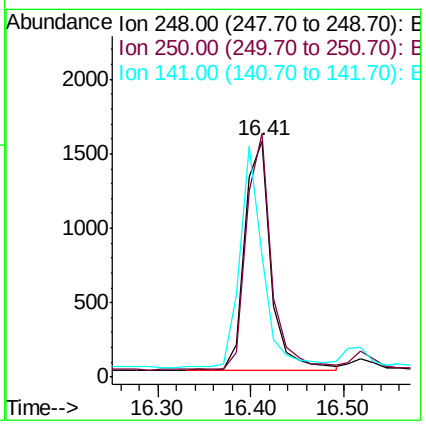


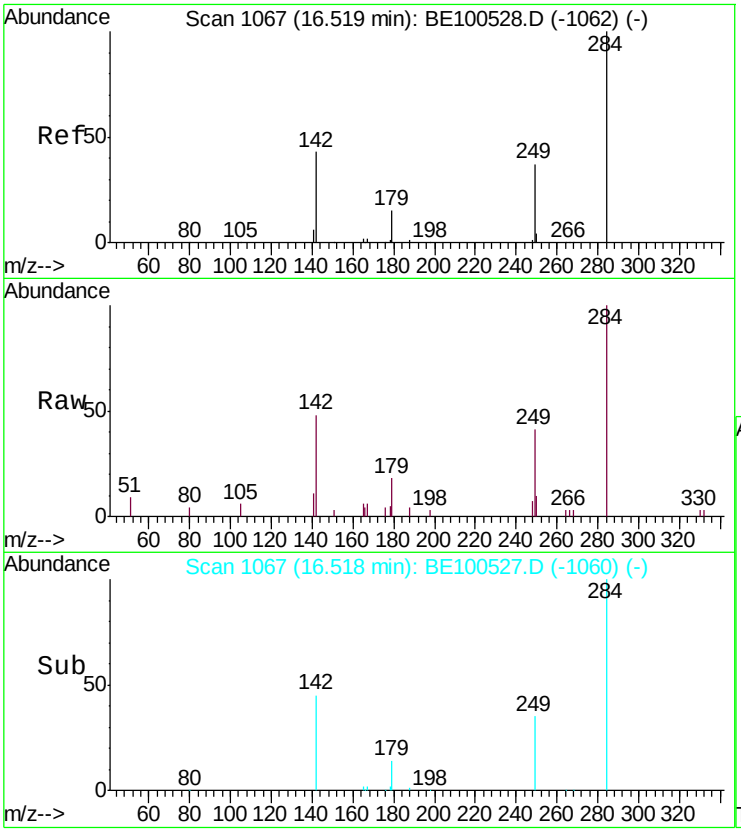


#20
4-Bromophenyl-phenylether
Concen: 0.179 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:248 Resp: 2986

Ion	Ratio	Lower	Upper
248	100		
250	103.0	73.5	110.3
141	51.4	77.0	115.4#



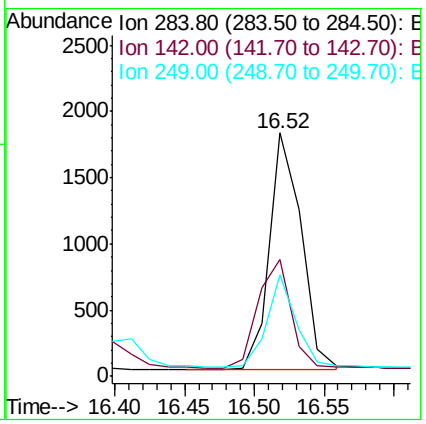


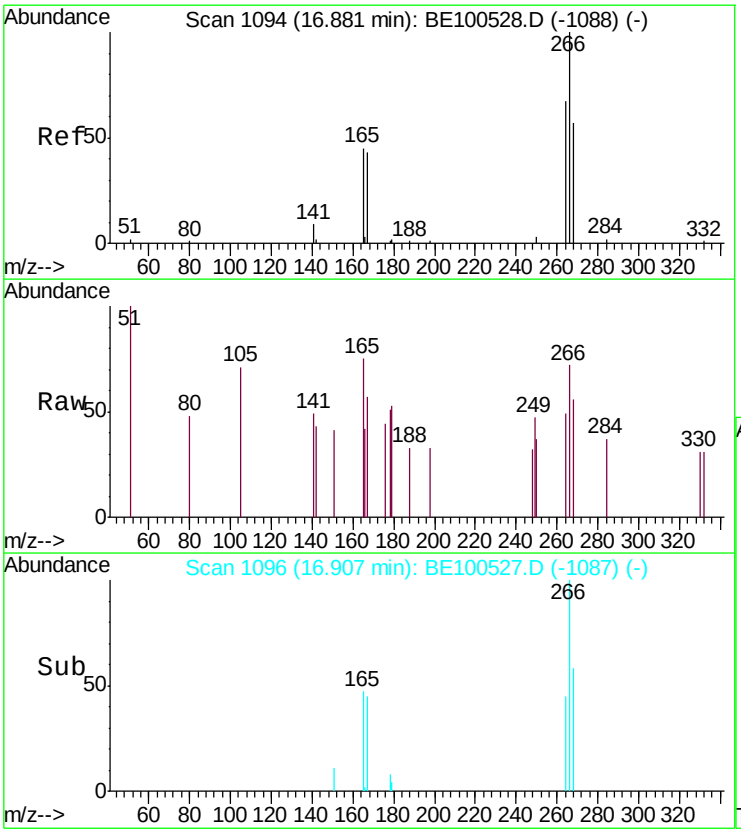
#21
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2837

Ion	Ratio	Lower	Upper
284	100		
142	47.4	39.0	58.6
249	34.3	28.2	42.2

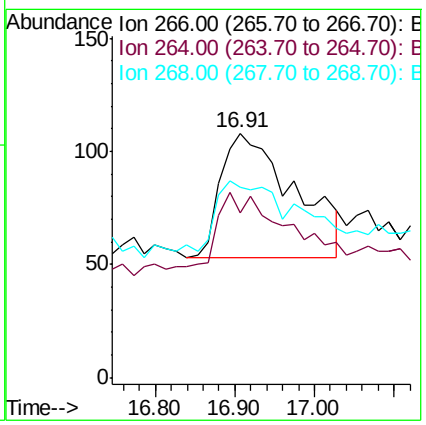


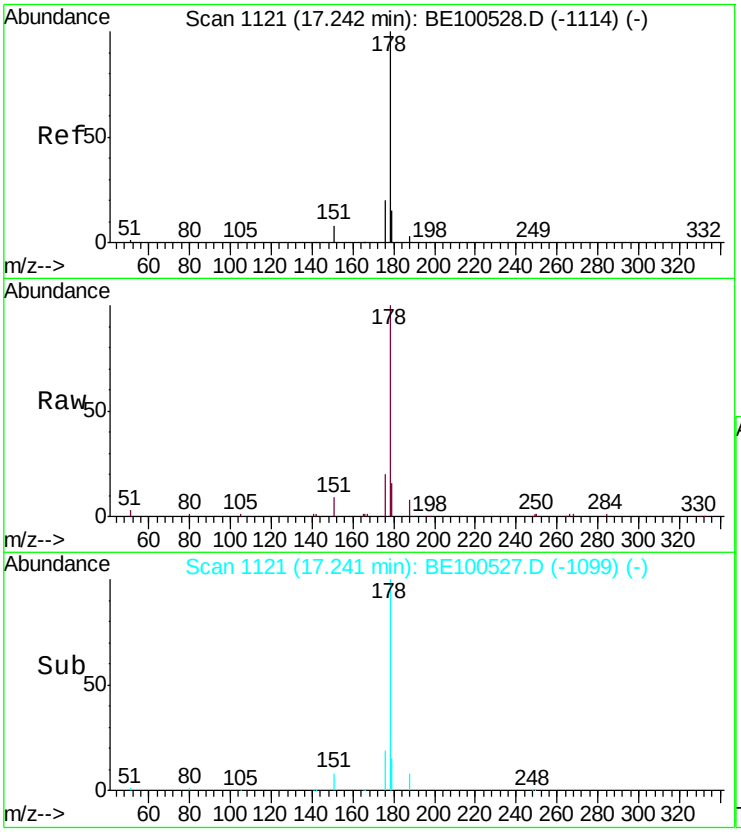


#22
Pentachlorophenol
Concen: 0.099 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.03 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:266 Resp: 353

Ion	Ratio	Lower	Upper
266	100		
264	67.6	57.6	86.4
268	77.8	55.1	82.7



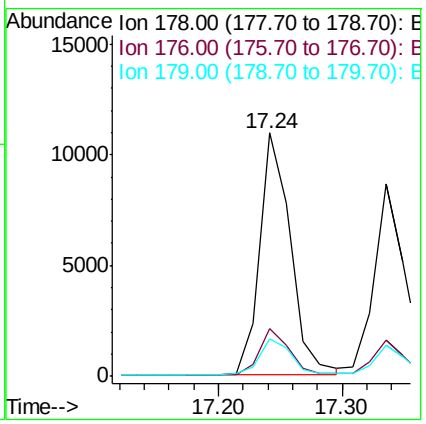


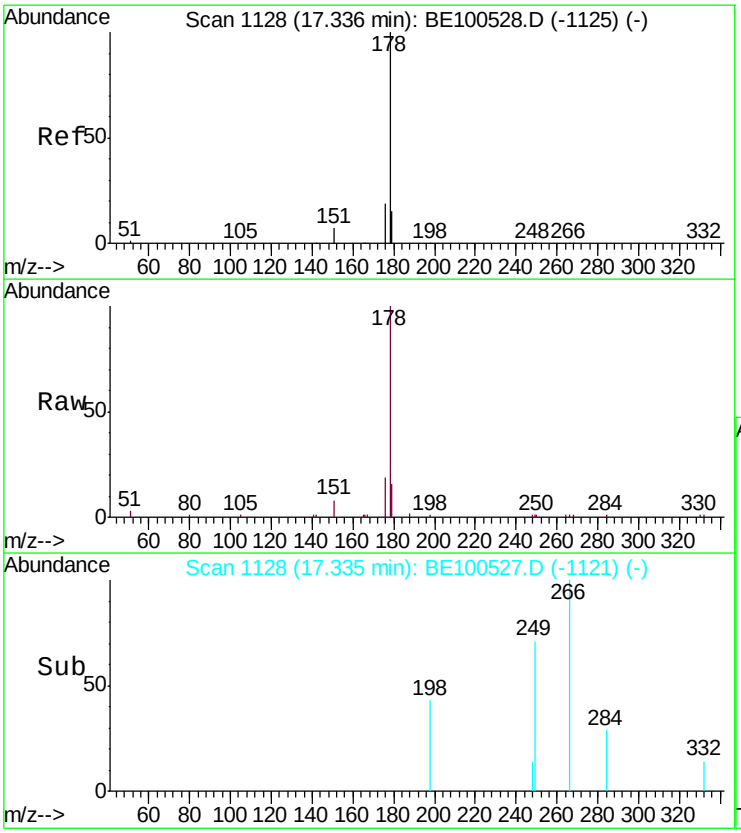
#23
Phenanthrene
Concen: 0.188 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 18753

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.6	18.8

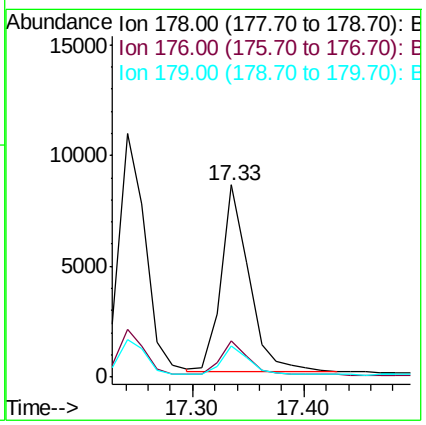


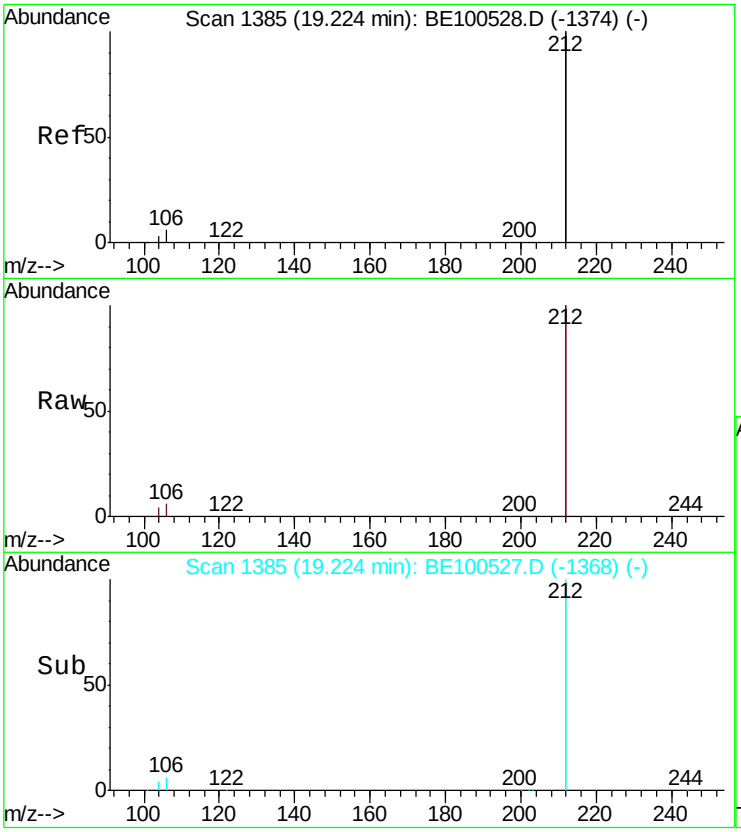


#24
Anthracene
Concen: 0.172 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:178 Resp: 14568

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.2	22.8
179	15.3	12.2	18.4



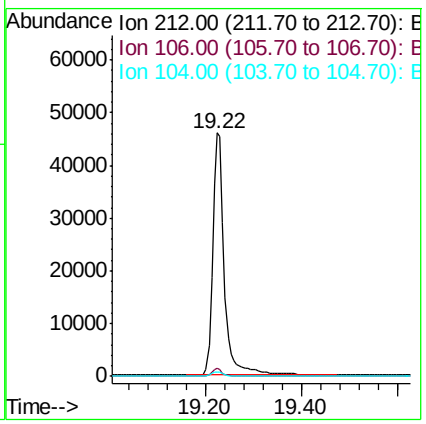


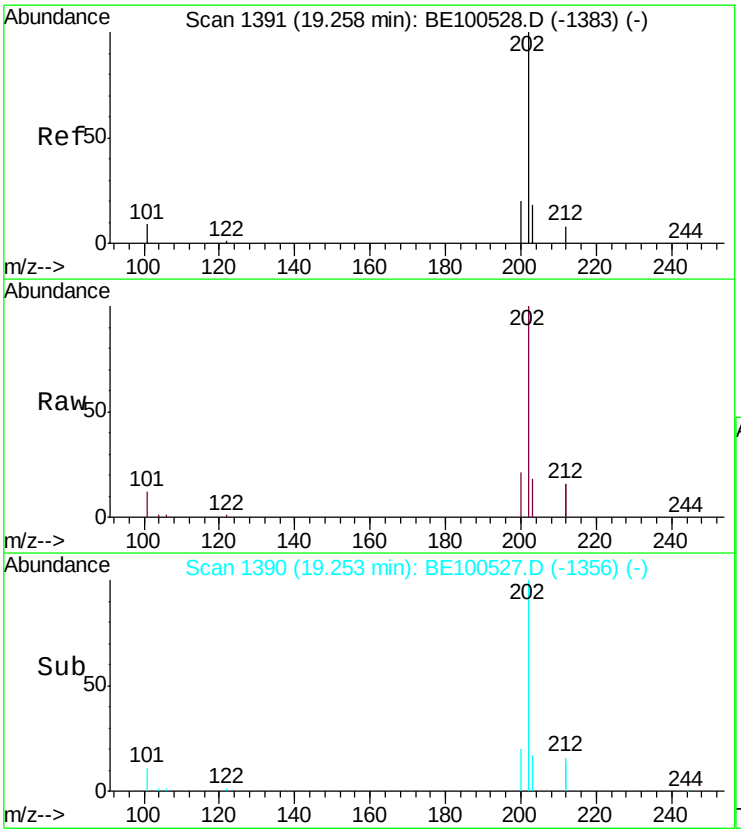
#25
Fluoranthene-d10
Concen: 0.177 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 79234

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.8	1.3	1.9

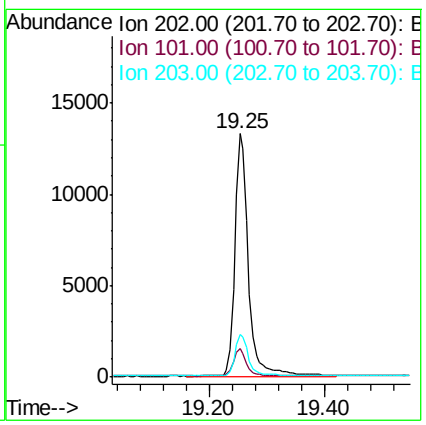


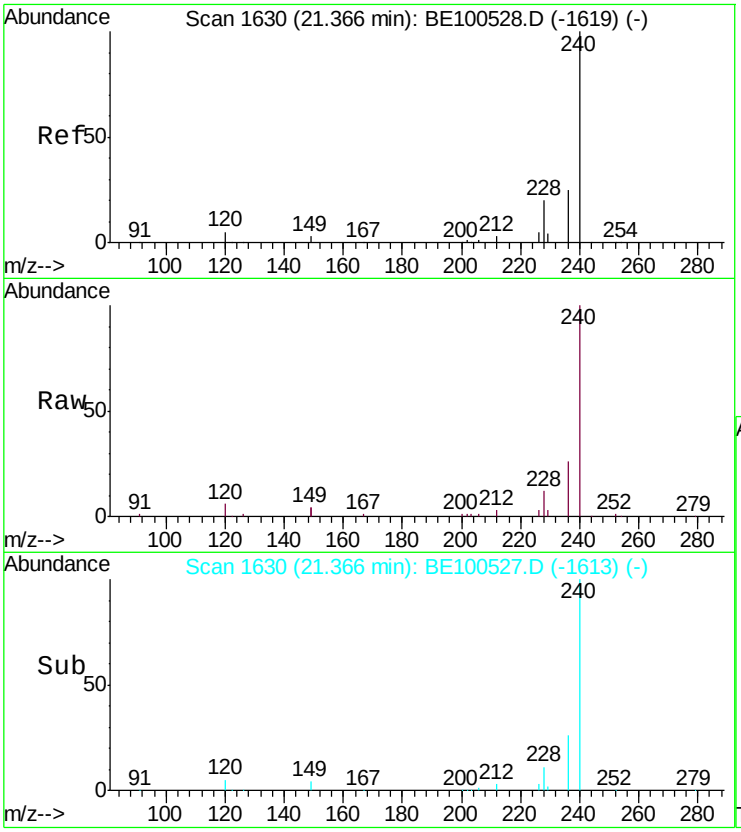


#26
Fluoranthene
Concen: 0.181 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:202 Resp: 21903

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	16.8	13.7	20.5



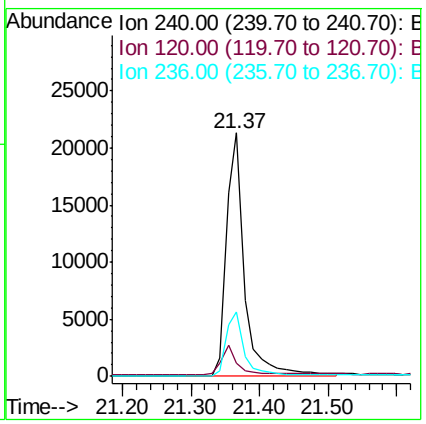


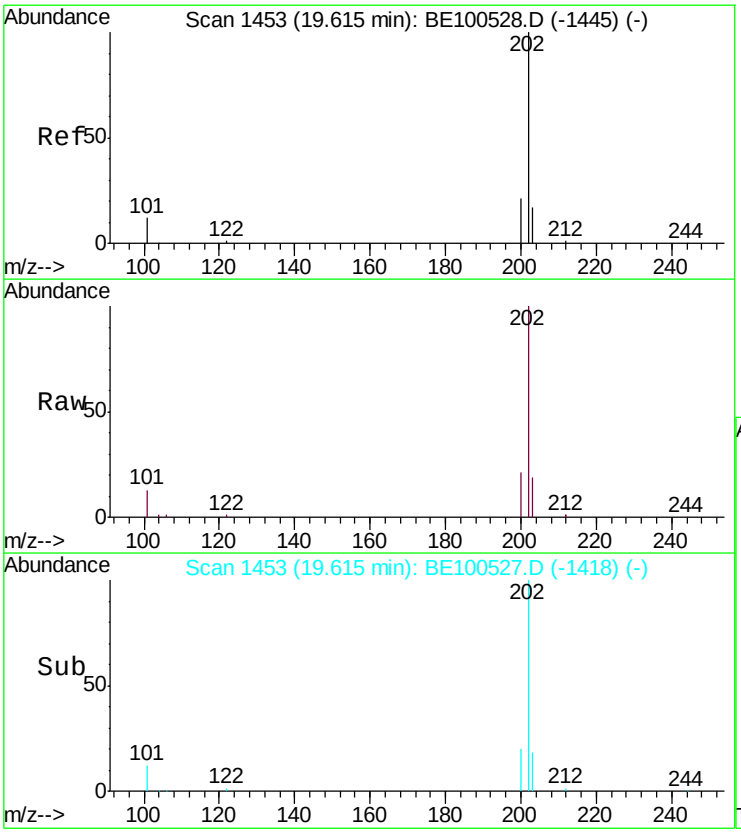
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 38545

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.5	6.7
236	26.5	20.6	30.8

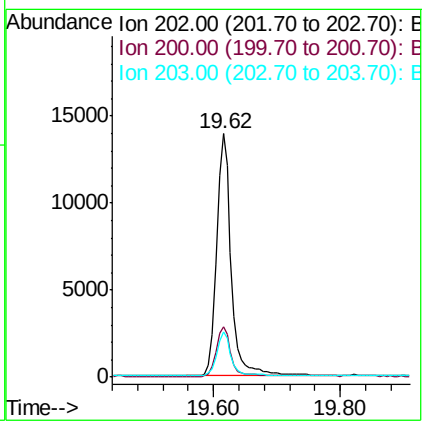


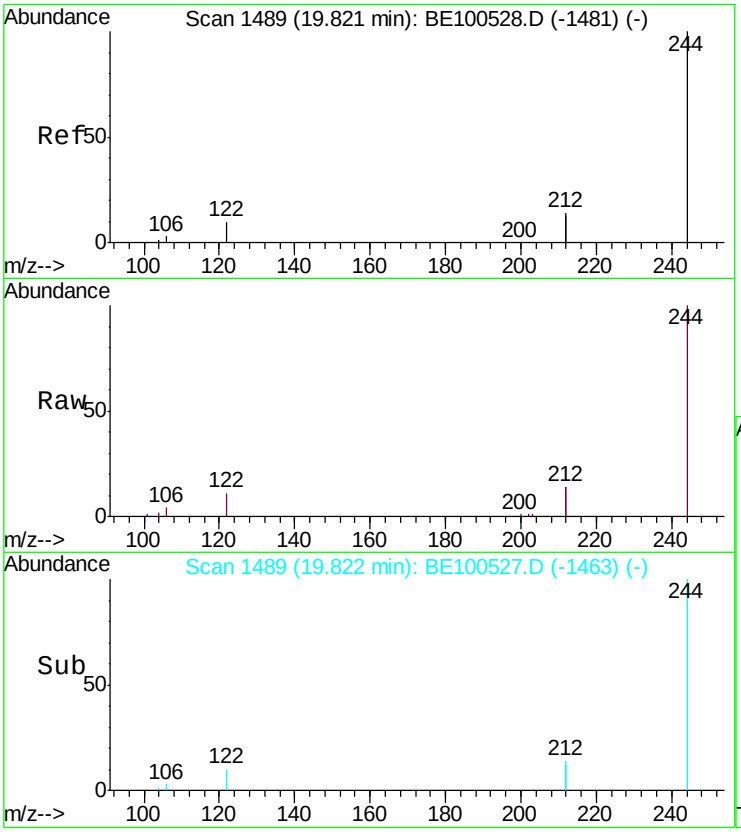


#28
Pyrene
Concen: 0.204 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:202 Resp: 22207

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.9	14.0	21.0



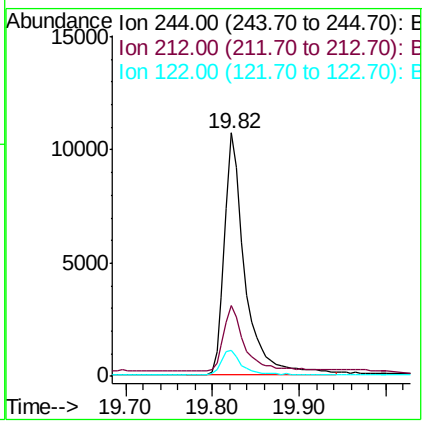


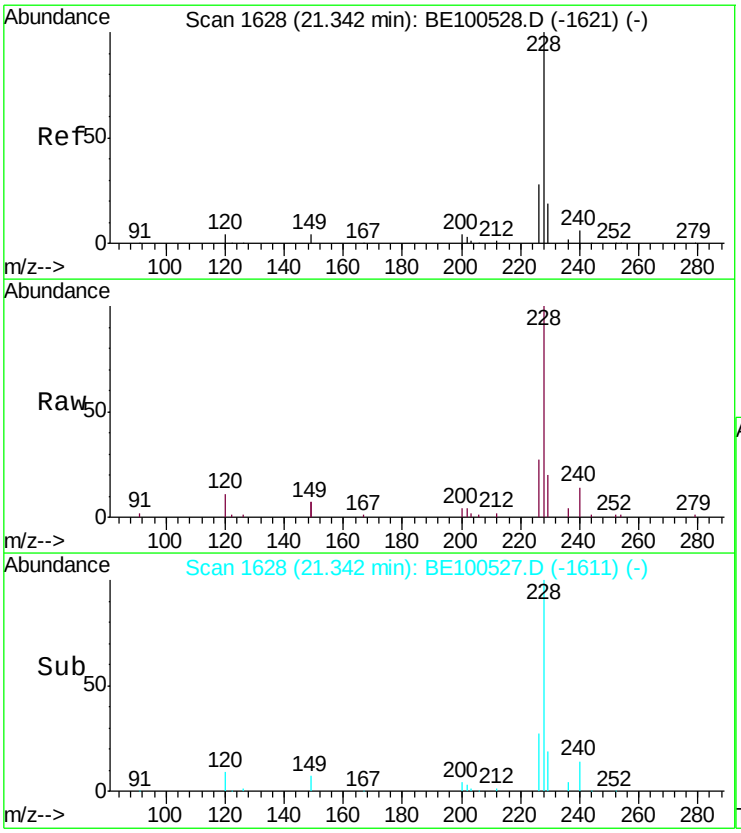
#29
Terphenyl-d14
Concen: 0.198 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 17733

Ion	Ratio	Lower	Upper
244	100		
212	28.9	22.2	33.2
122	10.6	8.3	12.5

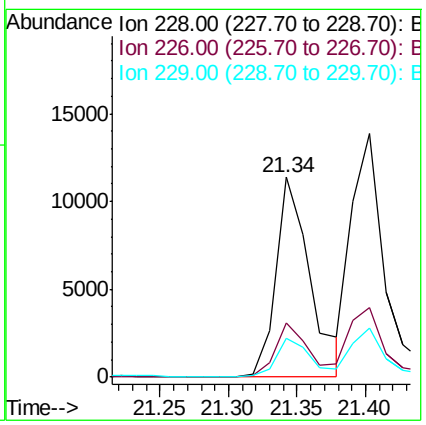


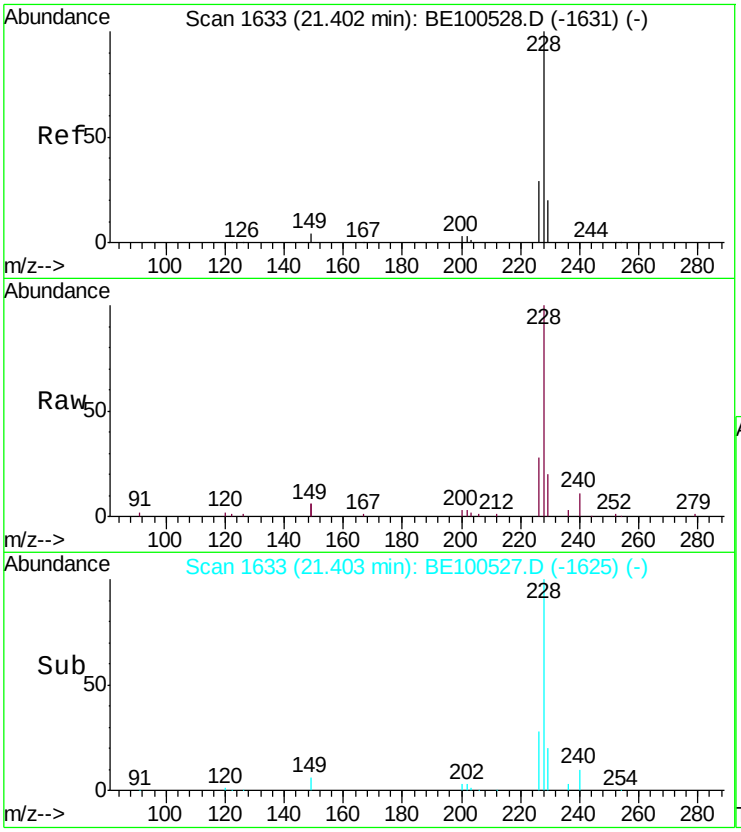


#30
Benzo(a)anthracene
Concen: 0.183 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:228 Resp: 19422

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.5	33.7
229	19.6	15.4	23.2



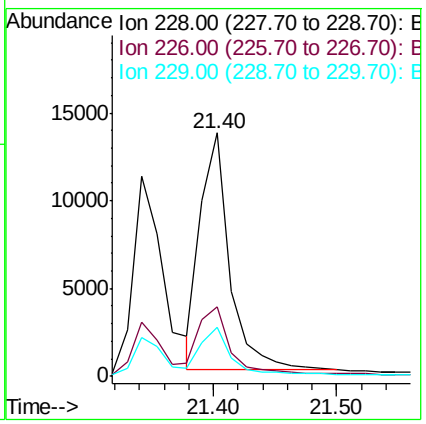


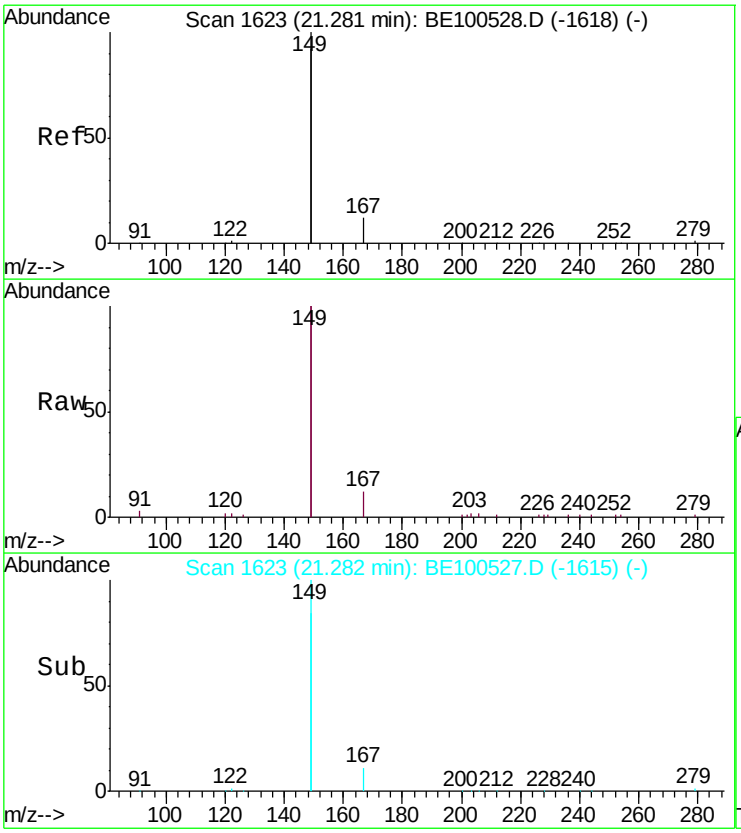
#31
Chrysene
Concen: 0.198 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 22309

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.3	34.9
229	20.0	16.3	24.5

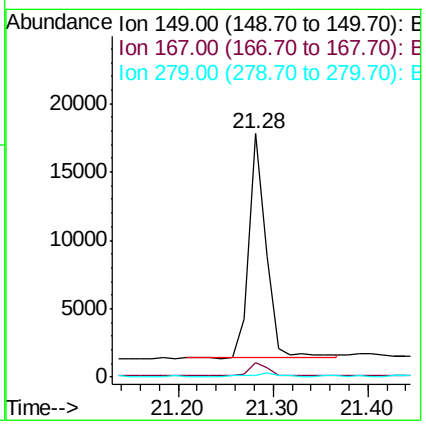


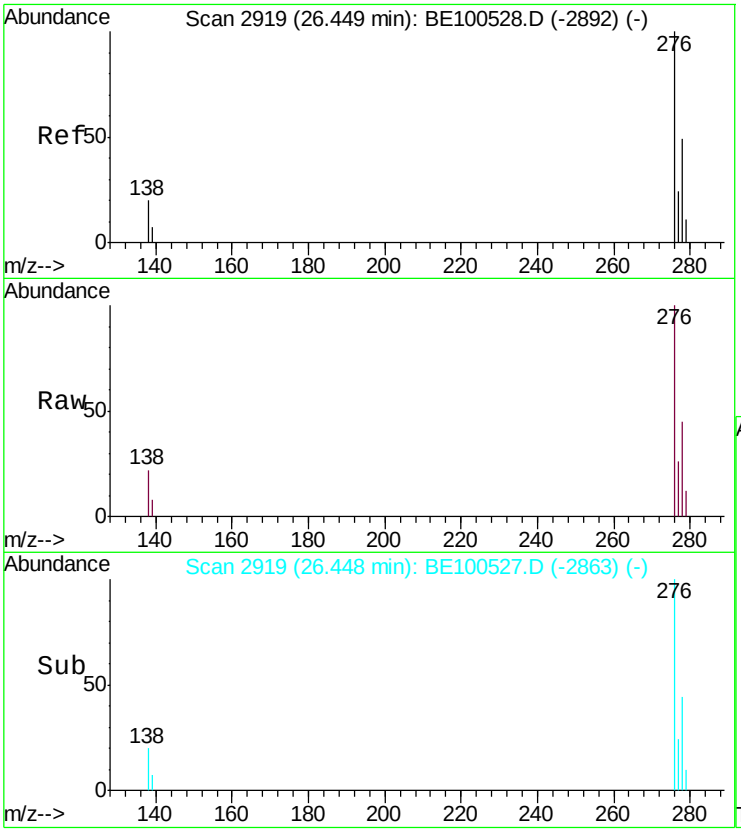


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:149 Resp: 20761

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.2	7.8
279	1.2	1.0	1.4



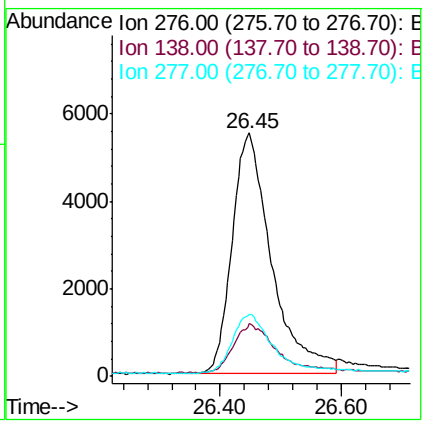


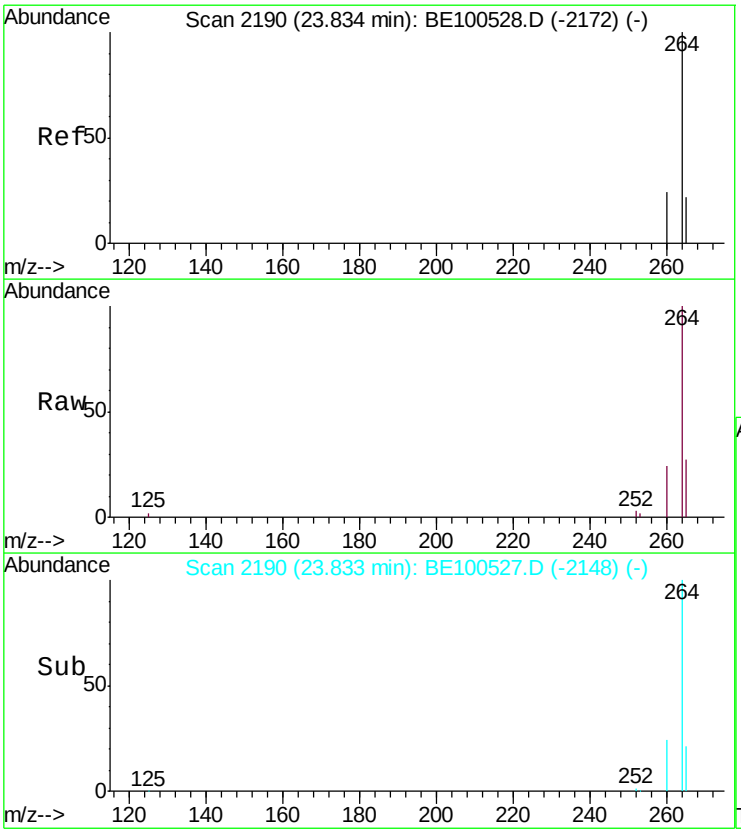
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 25035

Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.7	26.5
277	24.7	19.9	29.9

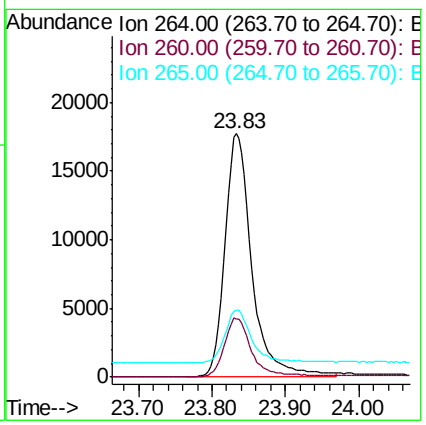


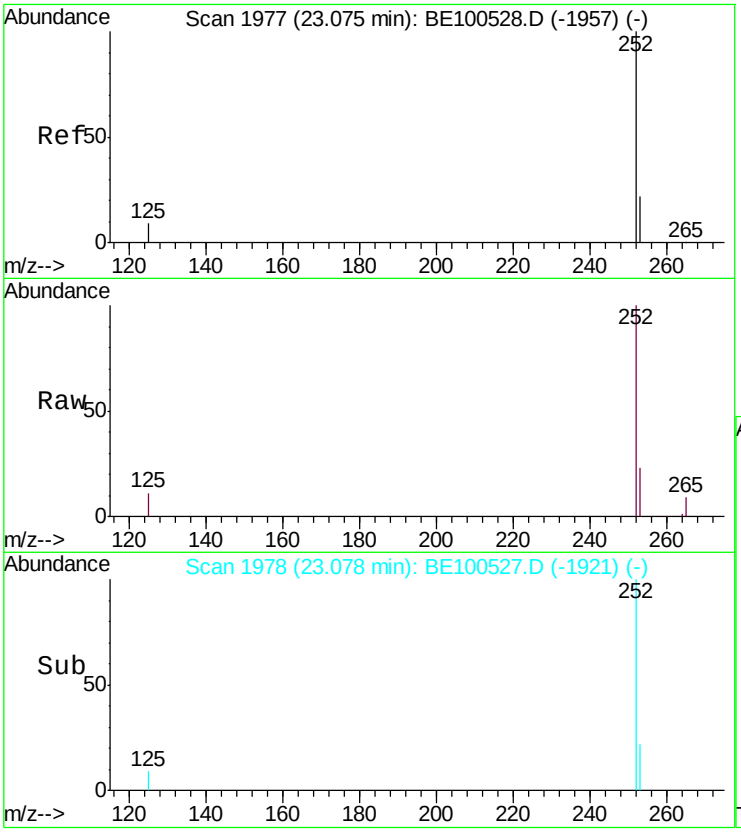


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:264 Resp: 45179

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	27.4	21.8	32.8



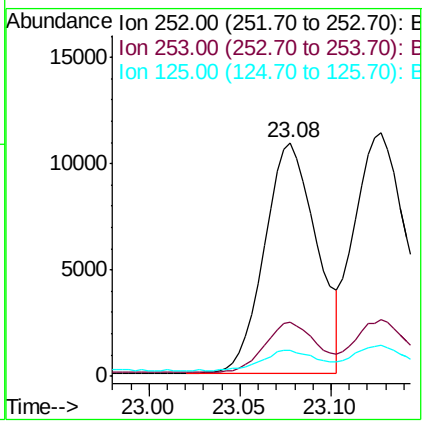


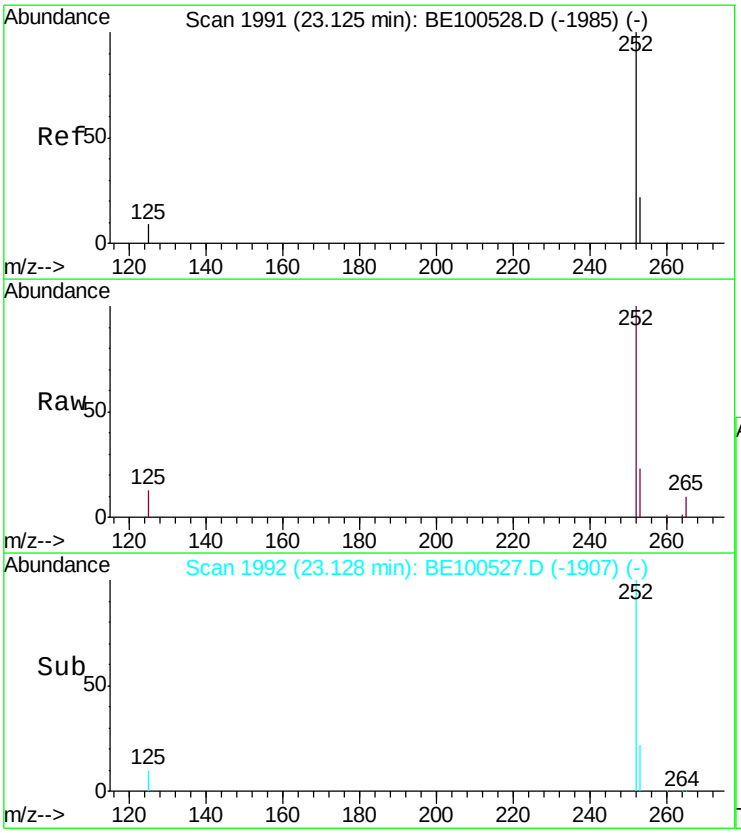
#35
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 23.08 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 21540

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.4	8.0	12.0

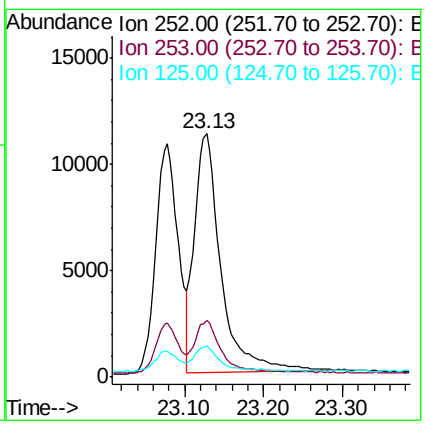


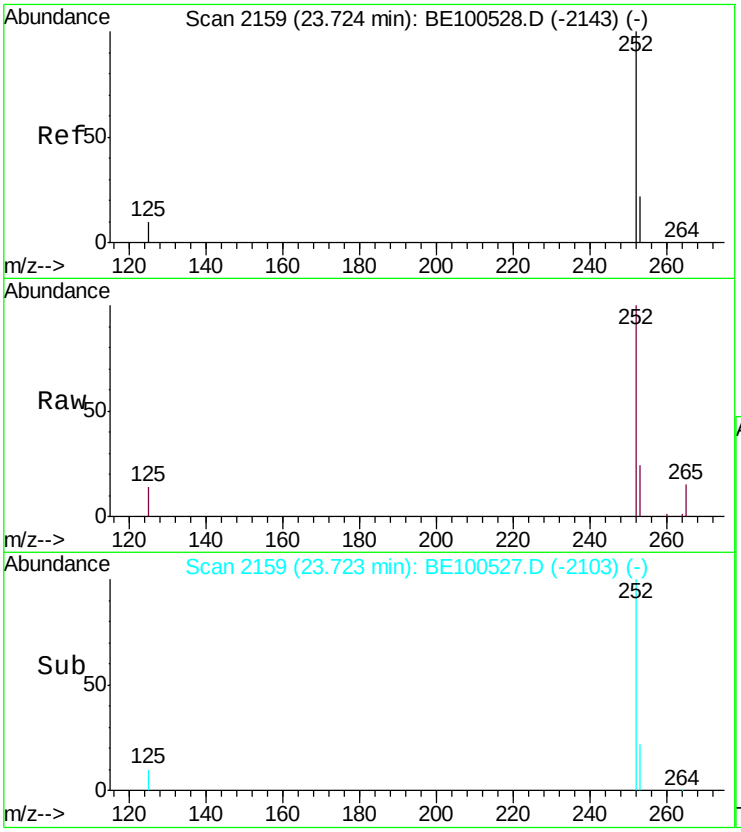


#36
Benzo(k)fluoranthene
Concen: 0.189 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:252 Resp: 26095

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.6	8.5	12.7



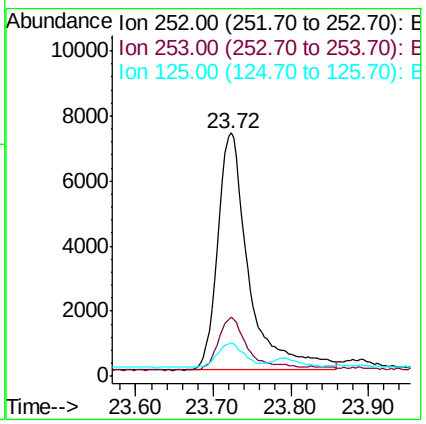


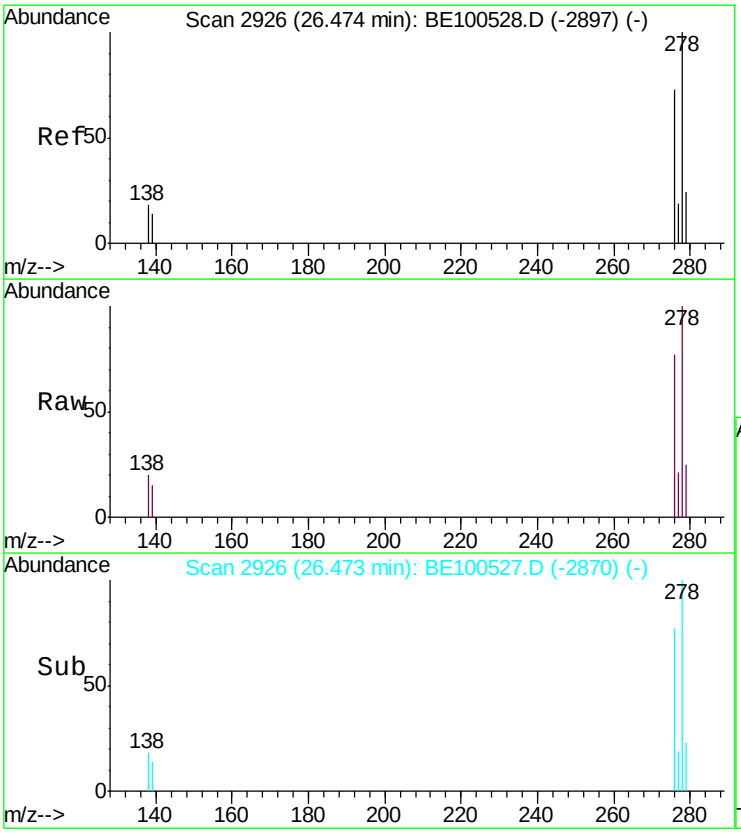
#37
Benzo(a)pyrene
Concen: 0.180 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 20364

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	13.6	9.2	13.8

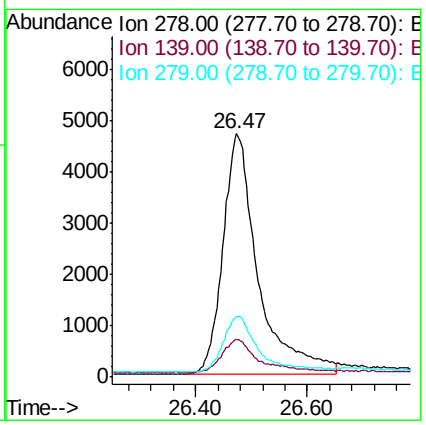


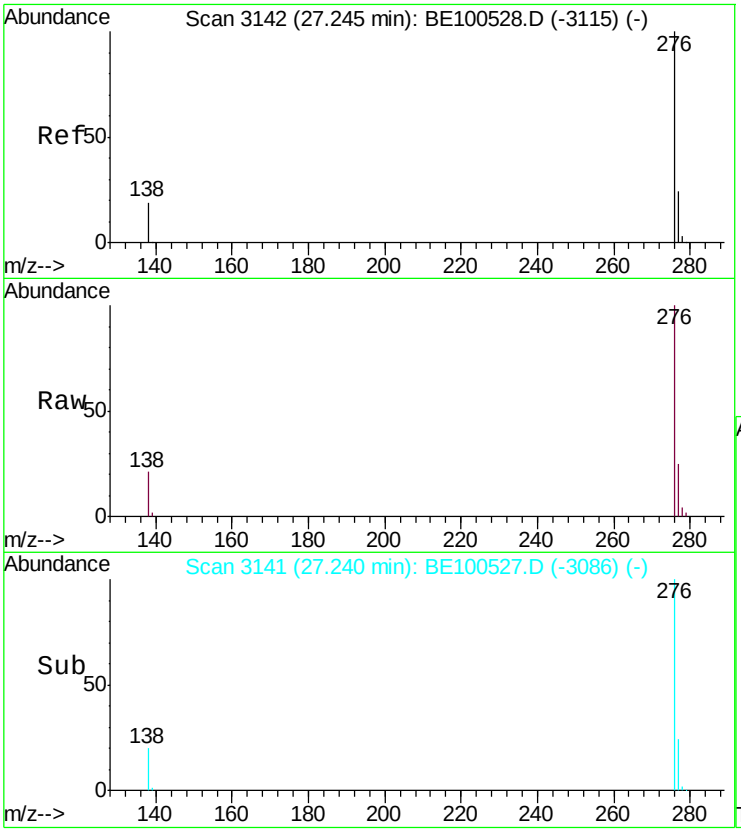


#38
Dibenzo(a,h)anthracene
Concen: 0.176 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Tgt Ion:278 Resp: 20515

Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.6	17.4
279	24.9	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.191 ng
RT: 27.24 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BE100527.D
Acq: 20 Sep 2019 14:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 22962

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	21.1	15.7	23.5