Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100226.D
Acq On : 28 Jun 2019 9:05
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jun 28 12:19:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 12:13:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	511	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	1905	0.40	ng		0.00
13) Acenaphthene-d10	14.33	164	1535	0.40	ng		0.02
19) Phenanthrene-d10	17.07	188	4701	0.40	ng		0.01
27) Chrysene-d12	21.25	240	7249	0.40	ng		0.00
34) Perylene-d12	23.66	264	9094	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	126	0.11	ng		0.00
5) Phenol-d6	6.86	99	44	0.03	ng		0.02
8) Nitrobenzene-d5	8.85	82	137	0.07	ng		0.02
11) 2-Methylnaphthalene-d10	12.08	152	360	0.10	ng		0.03
14) 2,4,6-Tribromophenol	15.84	330	85	0.10	ng		0.01
15) 2-Fluorobiphenyl	12.96	172	615	0.10	ng		0.02
25) Fluoranthene-d10	19.10	212	6659	0.10	ng		0.00
29) Terphenyl-d14	19.70	244	1472	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	106	0.133	ng	#	83
3) n-Nitrosodimethylamine	3.45	42	20	0.068	ng	#	1
6) bis(2-Chloroethyl)ether	7.13	93	100	0.070	ng	#	1
9) Naphthalene	10.50	128	2259	0.109	ng	#	88
10) Hexachlorobutadiene	10.76	225	210	0.098	ng		93
12) 2-Methylnaphthalene	12.15	142	381	0.114	ng	#	91
16) Acenaphthylene	14.04	152	742	0.099	ng		97
17) Acenaphthene	14.39	154	414	0.099	ng		99
18) Fluorene	15.37	166	613	0.101	ng		98
20) 4-Bromophenyl-phenylether	16.26	248	289	0.099	ng	#	81
21) Hexachlorobenzene	16.37	284	314	0.098	ng		94
22) Pentachlorophenol	16.81	266	84	0.112	ng	#	82
23) Phenanthrene	17.11	178	1098	0.099	ng		98
24) Anthracene	17.20	178	856	0.091	ng		97
26) Fluoranthene	19.13	202	1764	0.097	ng		100
28) Pyrene	19.49	202	1871	0.101	ng		99
30) Benzo(a)anthracene	21.23	228	2249	0.105	ng		96
31) Chrysene	21.28	228	2361	0.094	ng		94
32) Bis(2-ethylhexyl)phthalate	21.15	149	6005	0.244	ng		97
33) Indeno(1,2,3-cd)pyrene	26.22	276	3067	0.086	ng	#	88
35) Benzo(b)fluoranthene	22.92	252	2330	0.095	ng	#	88
36) Benzo(k)fluoranthene	22.97	252	2730	0.093	ng	#	86
37) Benzo(a)pyrene	23.56	252	2390	0.094	ng	#	77
38) Dibenzo(a,h)anthracene	26.24	278	2466	0.091	ng	#	81
39) Benzo(g,h,i)perylene	27.00	276	2595	0.092	ng	#	89

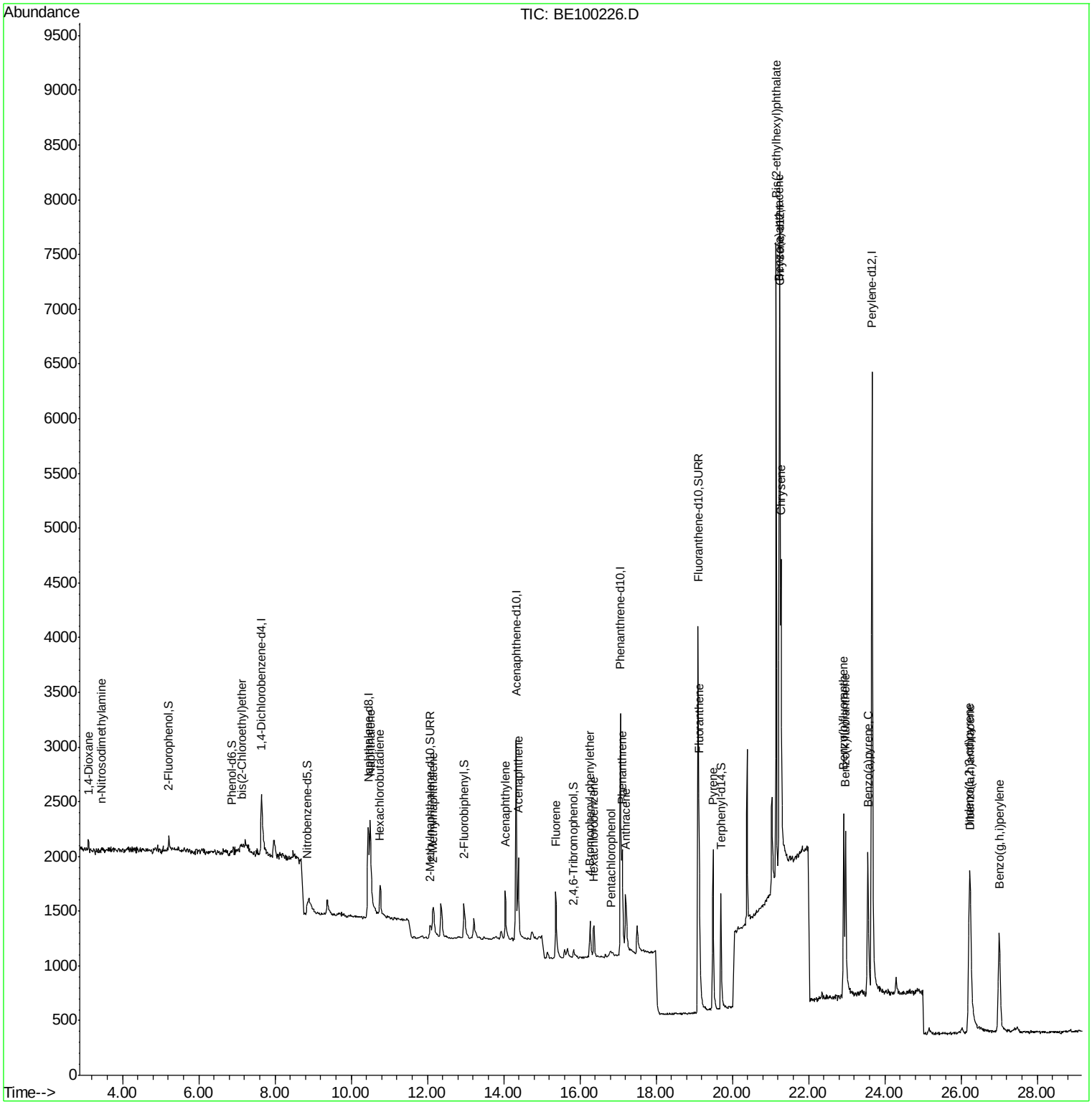
(#) = qualifier out of range (m) = manual integration (+) = signals summed

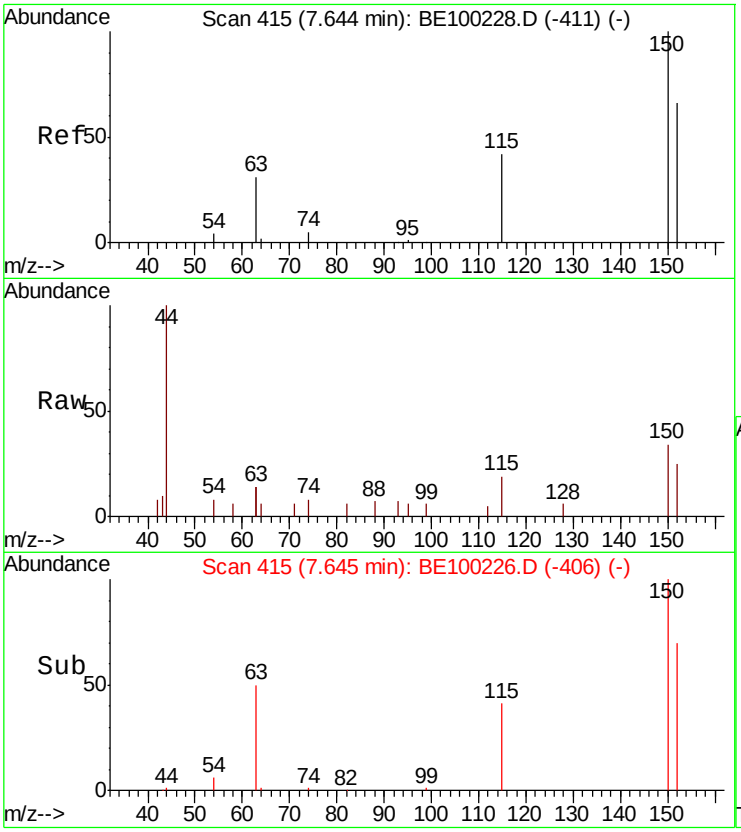
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100226.D
Acq On : 28 Jun 2019 9:05
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 28 12:19:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 12:13:05 2019
Response via : Initial Calibration



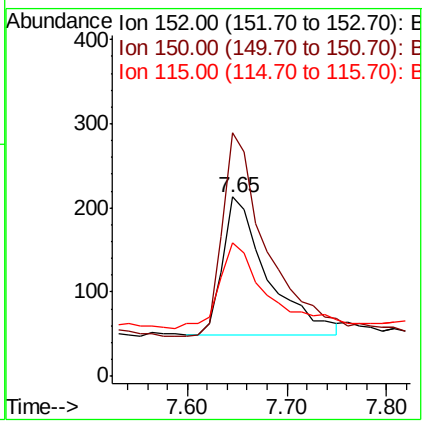


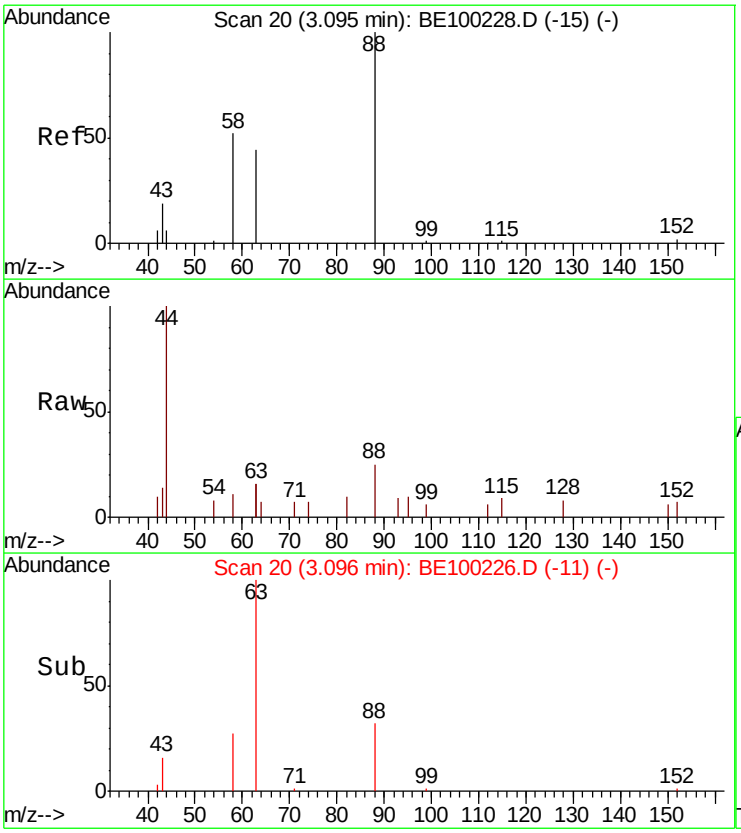
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 511

Ion	Ratio	Lower	Upper
152	100		
150	135.7	114.5	171.7
115	74.6	57.1	85.7

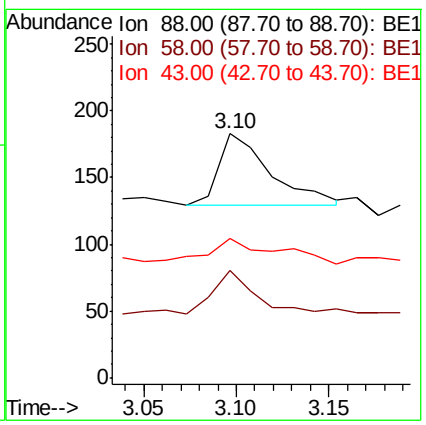


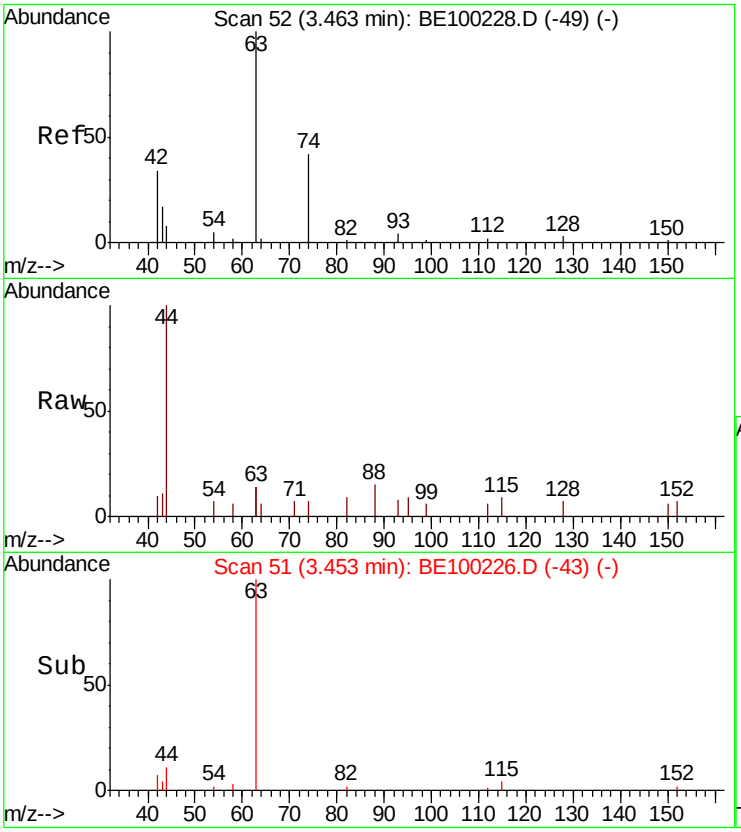


#2
1,4-Dioxane
Concen: 0.133 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion: 88 Resp: 106

Ion	Ratio	Lower	Upper
88	100		
58	57.5	43.6	65.4
43	49.1	21.4	32.0#



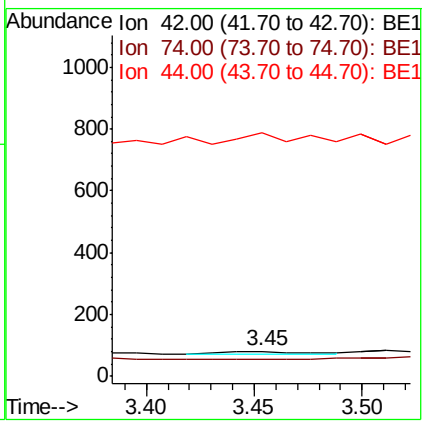


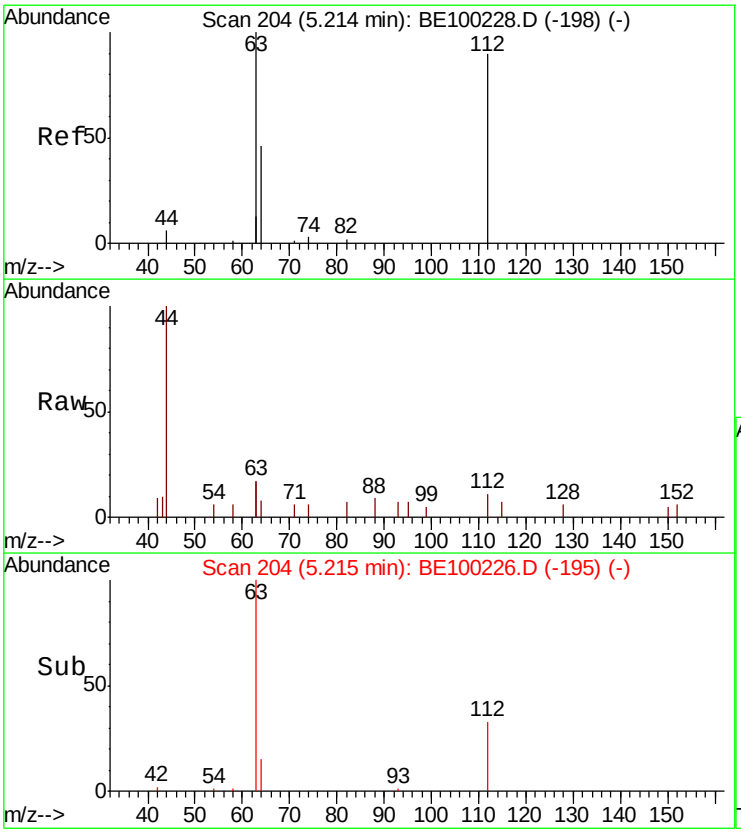
#3
n-Nitrosodimethylamine
Concen: 0.068 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 20

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	260.0	38.0	57.0#

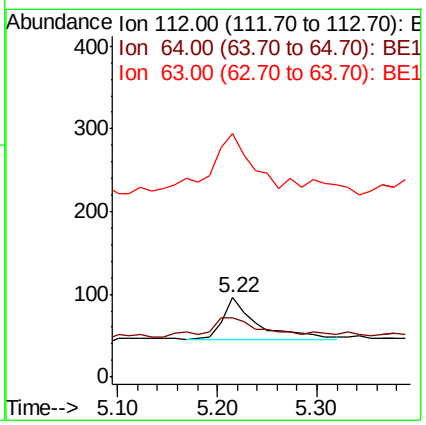


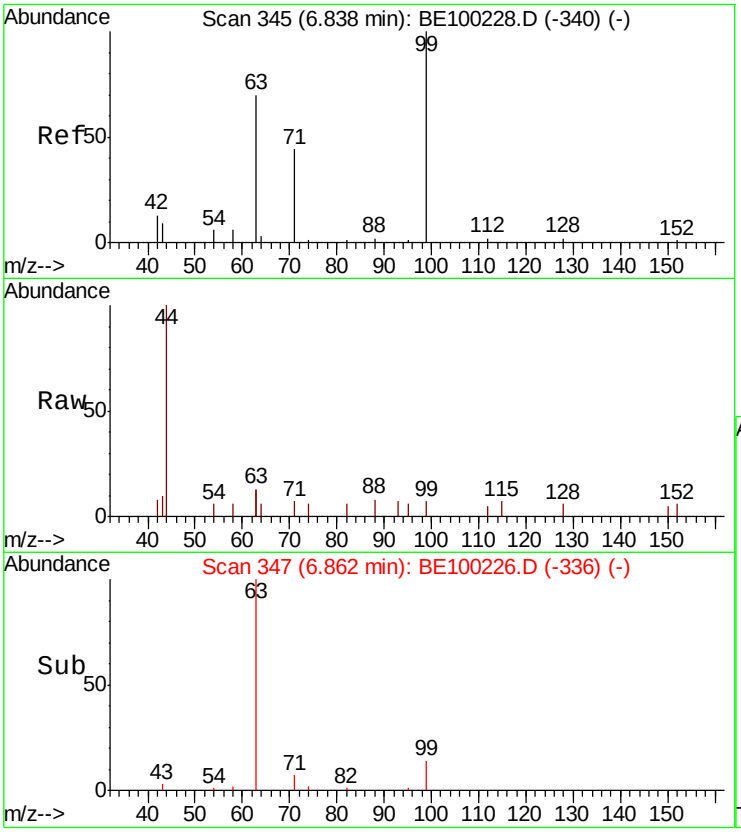


#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.22 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:112 Resp: 126

Ion	Ratio	Lower	Upper
112	100		
64	72.2	39.4	59.0#
63	165.9	104.5	156.7#



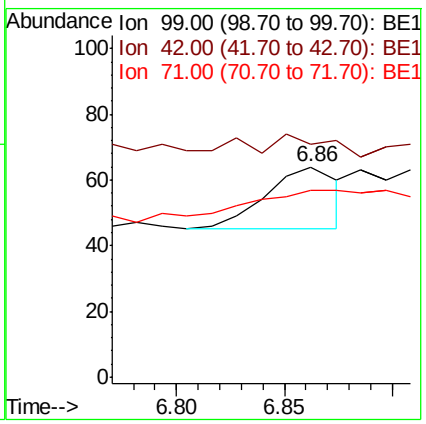


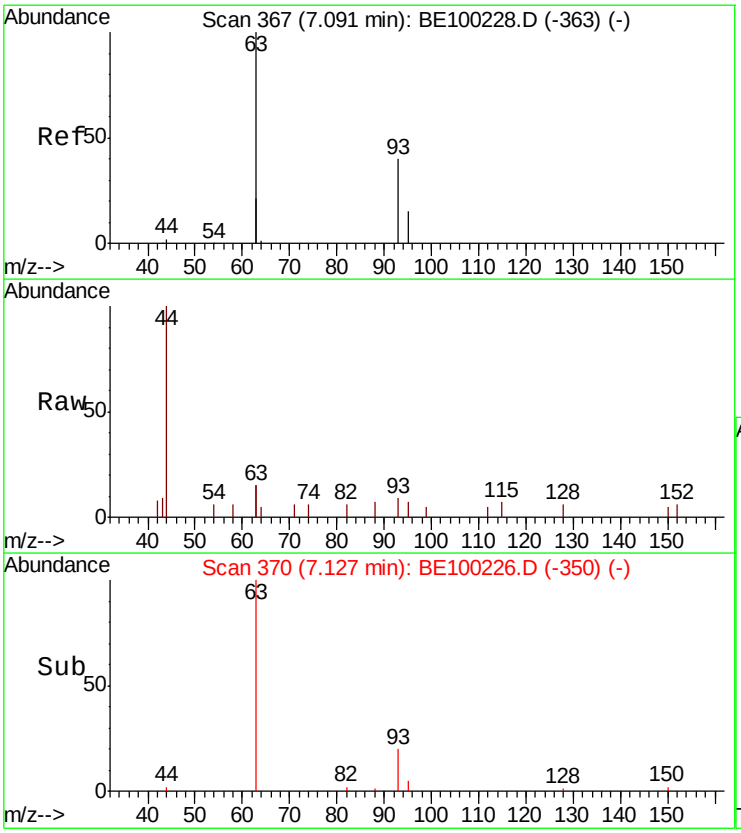
#5
Phenol-d6
Concen: 0.028 ng
RT: 6.86 min Scan# 347
Delta R.T. 0.02 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 44

Ion	Ratio	Lower	Upper
99	100		
42	25.0	11.2	16.8#
71	154.5	37.2	55.8#

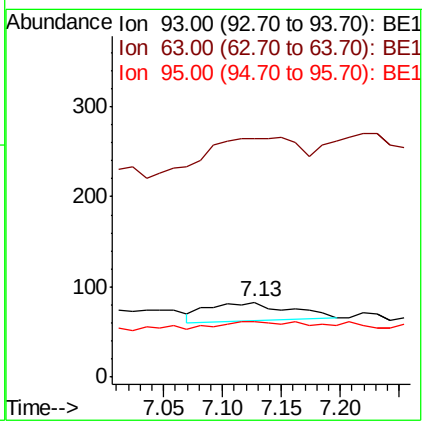


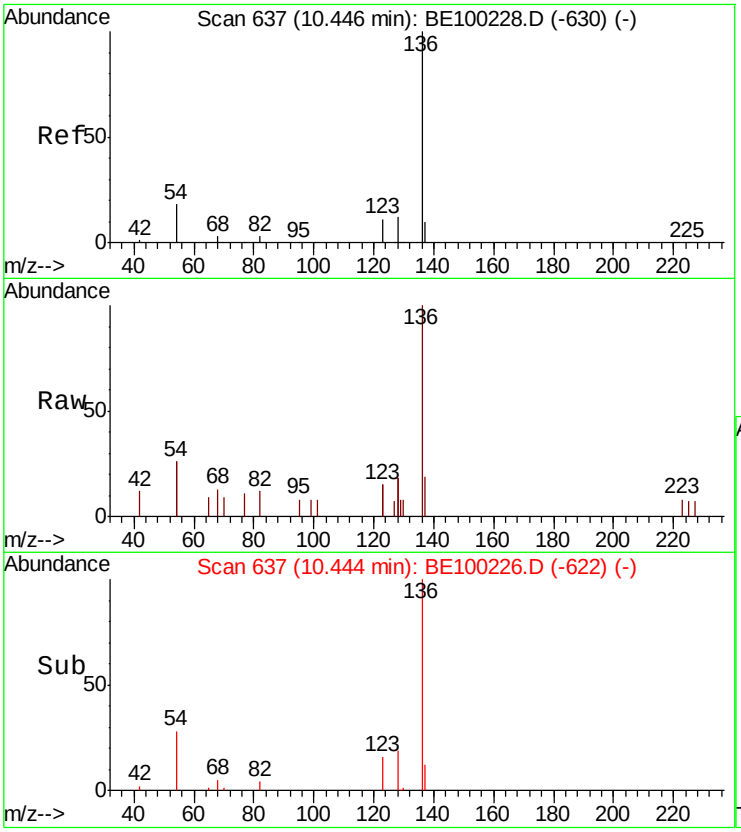


#6
bis(2-Chloroethyl)ether
Concen: 0.070 ng
RT: 7.13 min Scan# 370
Delta R.T. 0.04 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion: 93 Resp: 100

Ion	Ratio	Lower	Upper
93	100		
63	0.0	155.6	233.4#
95	38.0	23.0	34.4#



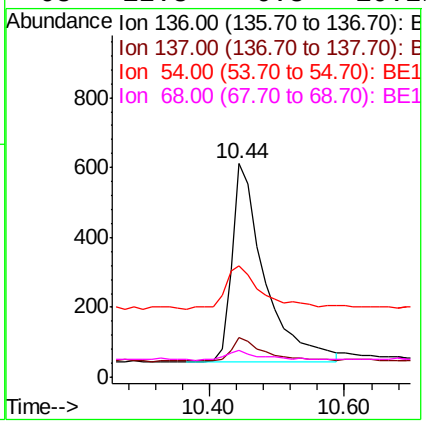


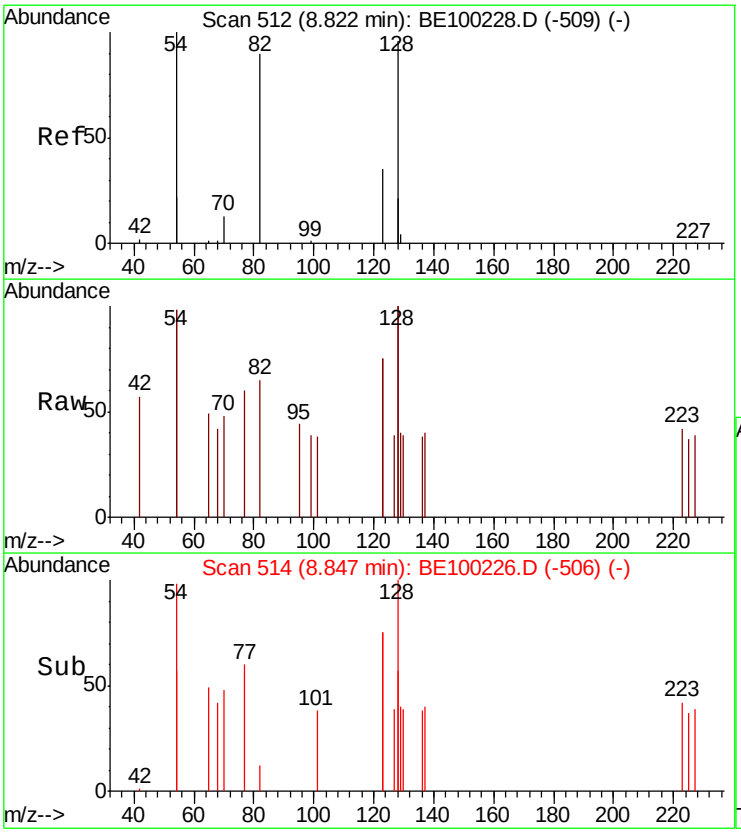
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 1905

Ion	Ratio	Lower	Upper
136	100		
137	18.8	11.8	17.8#
54	52.0	27.7	41.5#
68	12.8	6.8	10.2#

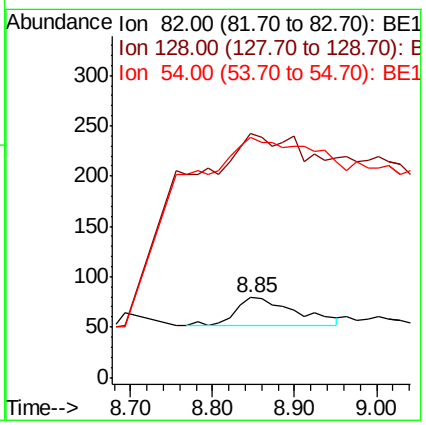


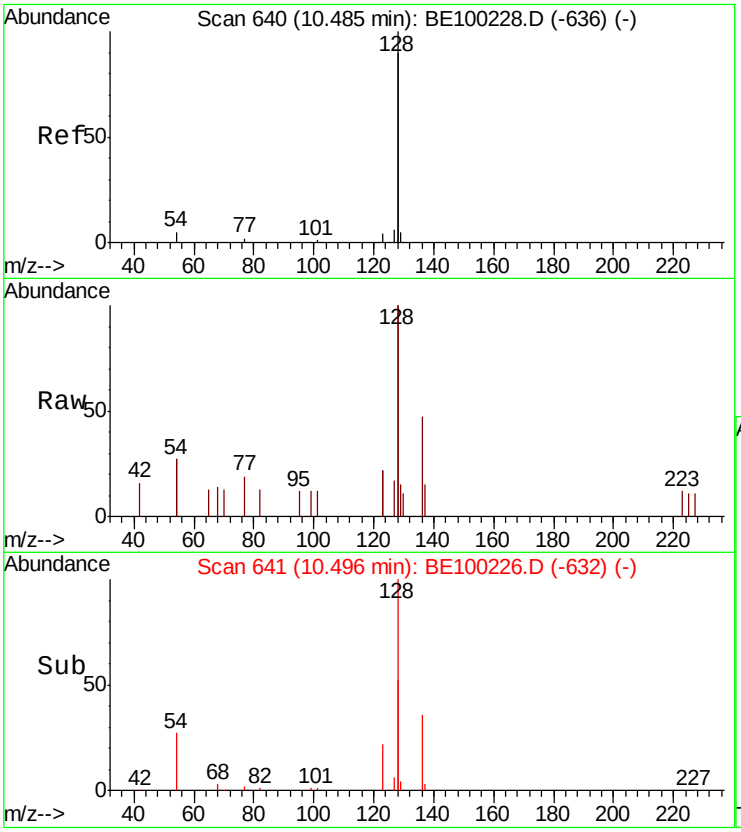


#8
Nitrobenzene-d5
Concen: 0.072 ng
RT: 8.85 min Scan# 514
Delta R.T. 0.02 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion: 82 Resp: 137

Ion	Ratio	Lower	Upper
82	100		
128	306.3	140.9	211.3#
54	301.3	146.2	219.2#



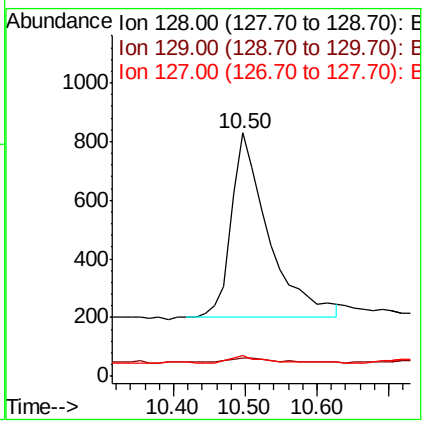


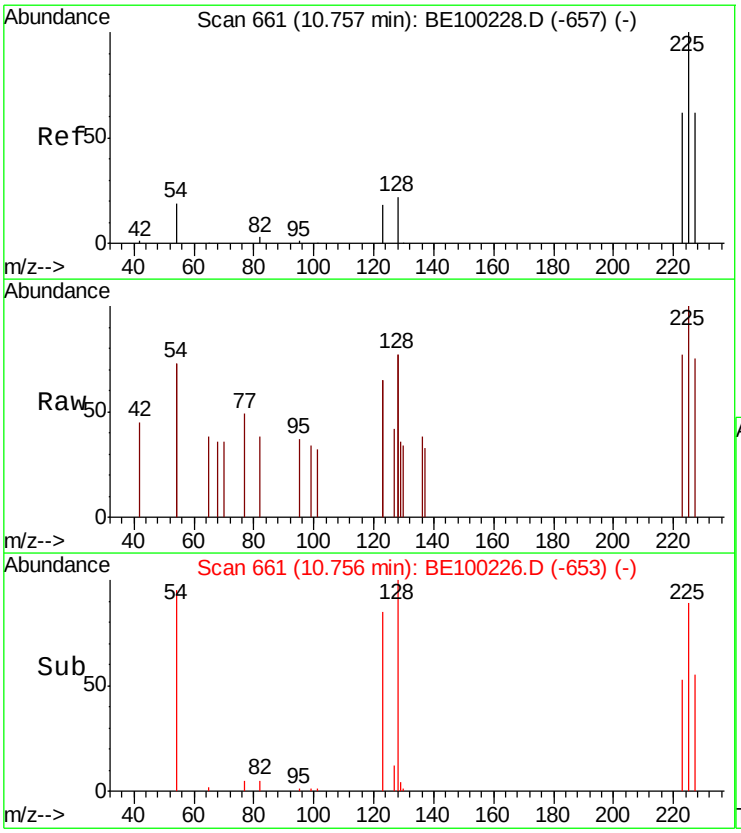
#9
Naphthalene
Concen: 0.109 ng
RT: 10.50 min Scan# 641
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 2259

Ion	Ratio	Lower	Upper
128	100		
129	7.6	3.0	4.6#
127	8.4	3.5	5.3#

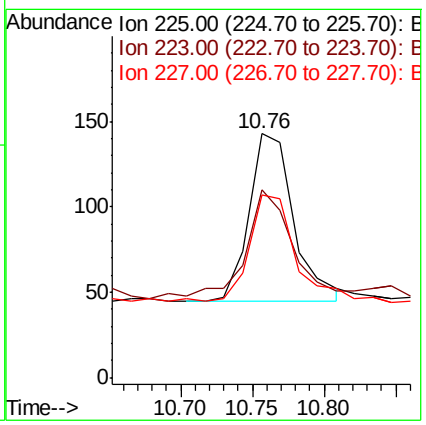


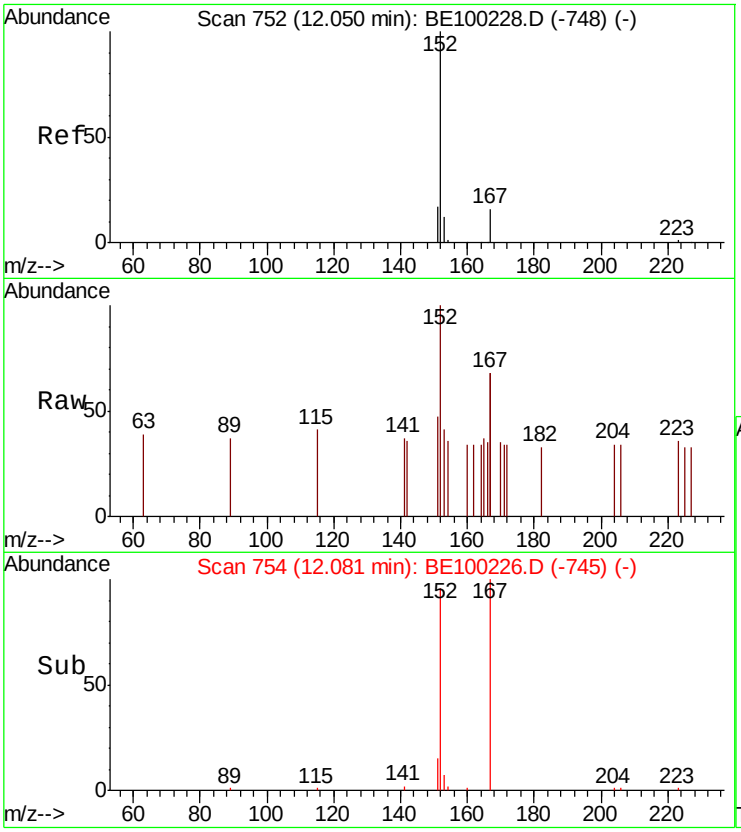


#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:225 Resp: 210

Ion	Ratio	Lower	Upper
225	100		
223	70.0	49.1	73.7
227	63.8	49.3	73.9



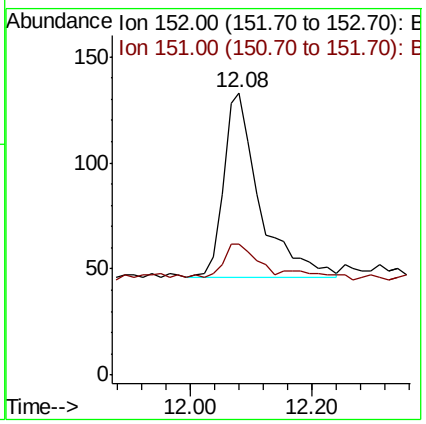


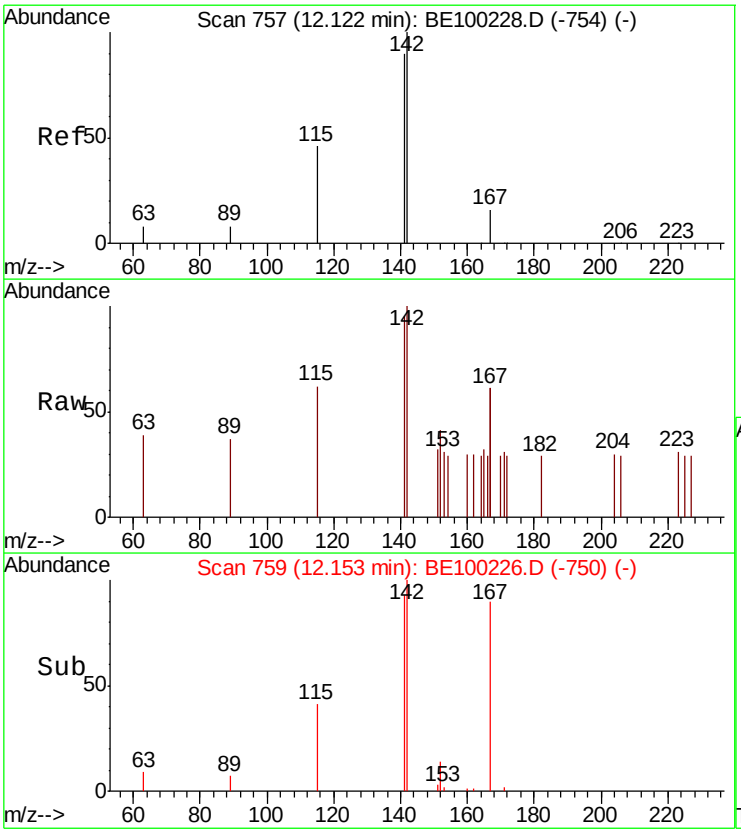
#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.08 min Scan# 754
Delta R.T. 0.03 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 360

Ion	Ratio	Lower	Upper
152	100		
151	16.9	15.1	22.7

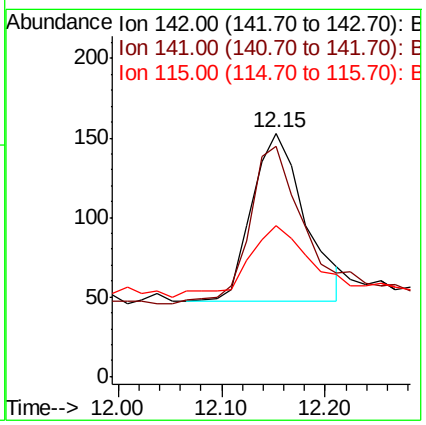


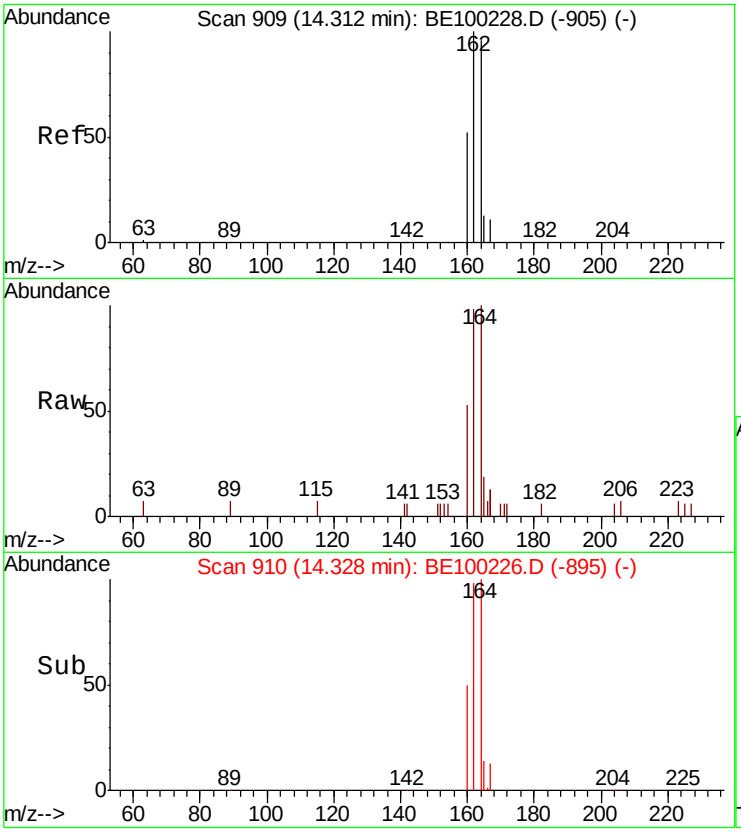


#12
2-Methylnaphthalene
Concen: 0.114 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.03 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:142 Resp: 381

Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.4	108.6
115	62.1	40.4	60.6#



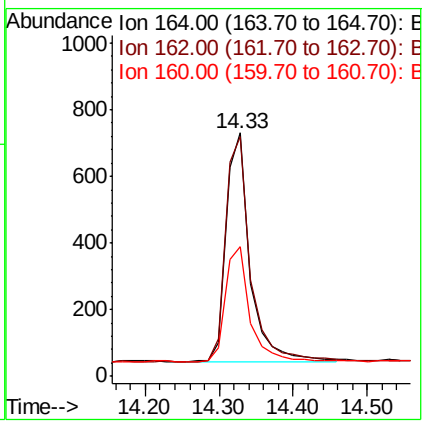


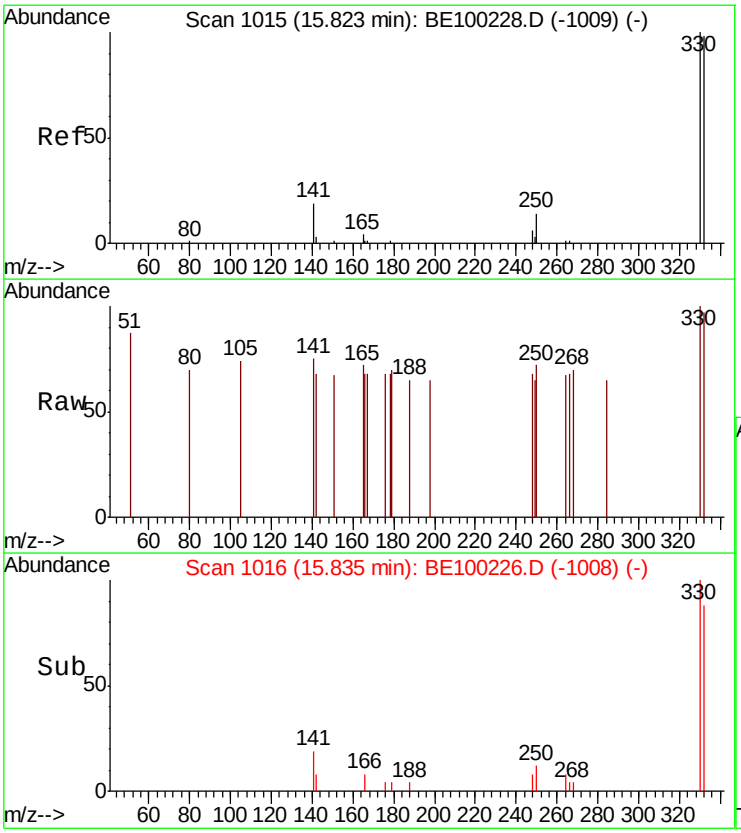
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.02 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 1535

Ion	Ratio	Lower	Upper
164	100		
162	98.5	83.4	125.0
160	53.1	45.0	67.6

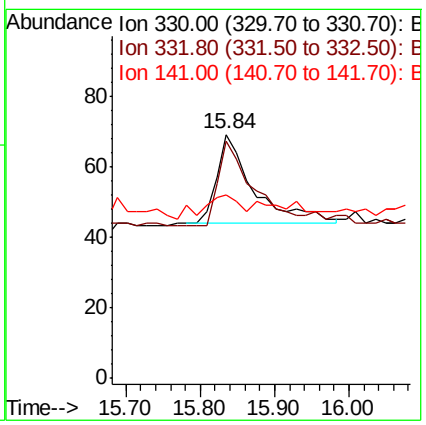


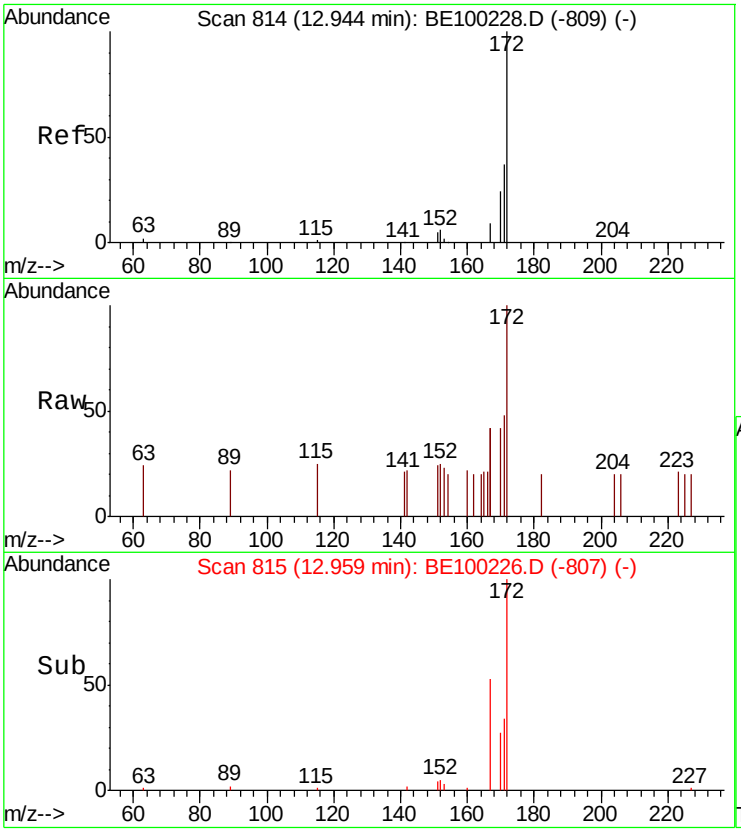


#14
2,4,6-Tribromophenol
Concen: 0.096 ng
RT: 15.84 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:330 Resp: 85

Ion	Ratio	Lower	Upper
330	100		
332	108.2	77.0	115.4
141	27.1	22.0	33.0



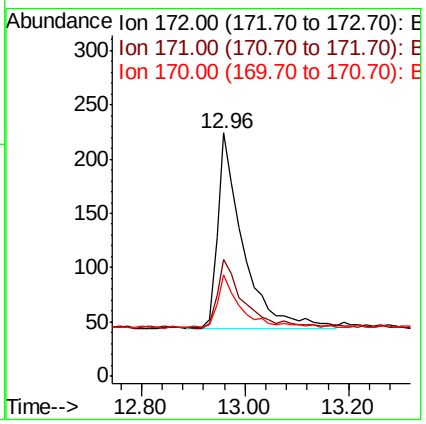


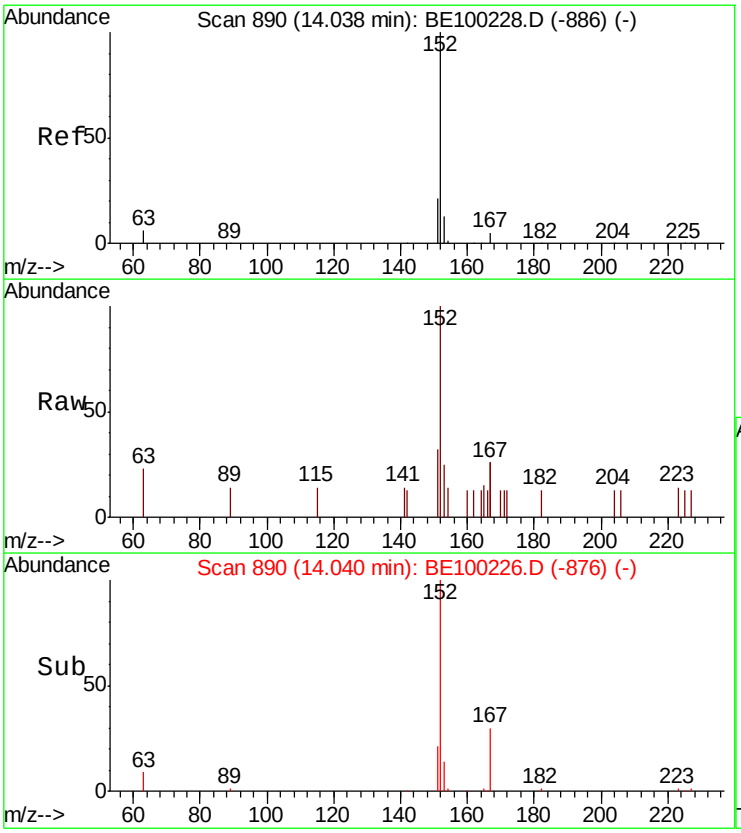
#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 615

Ion	Ratio	Lower	Upper
172	100		
171	47.8	31.9	47.9
170	41.5	22.2	33.2#

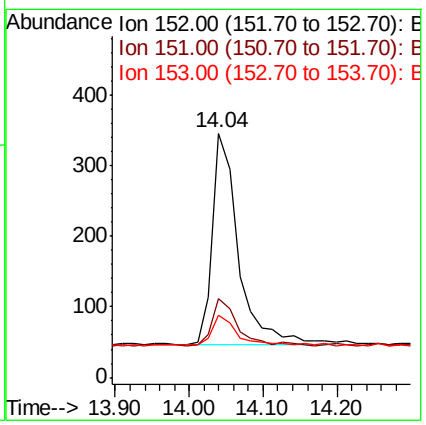


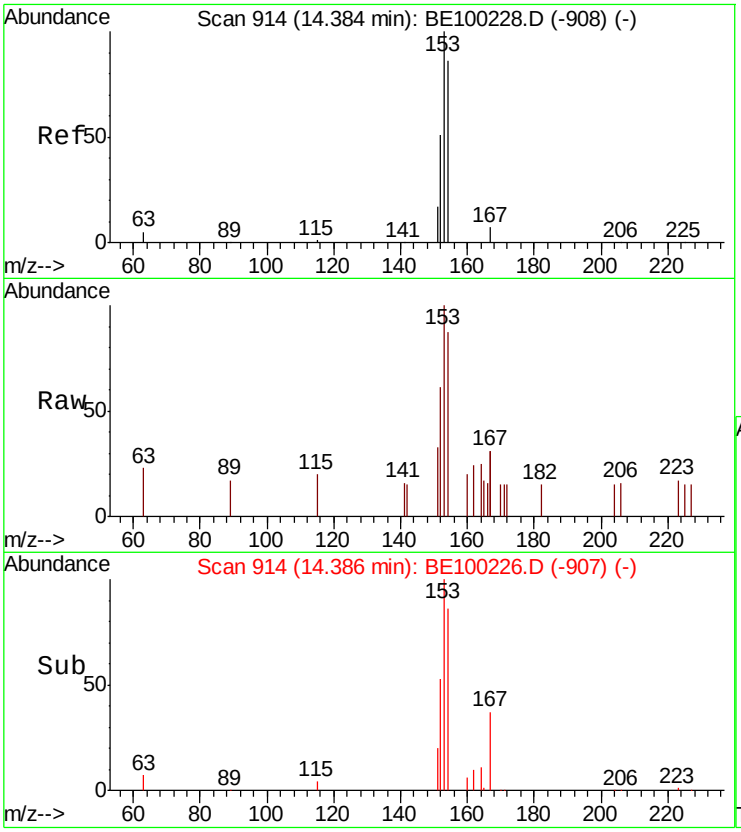


#16
Acenaphthylene
Concen: 0.099 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:152 Resp: 742

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	15.1	10.5	15.7



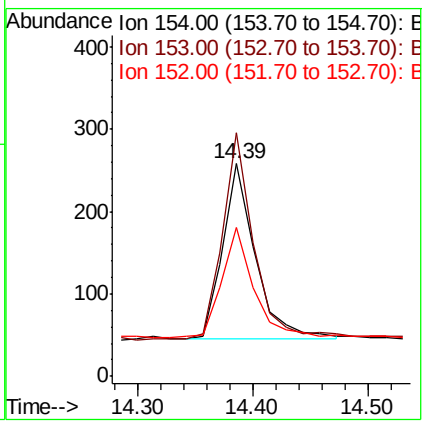


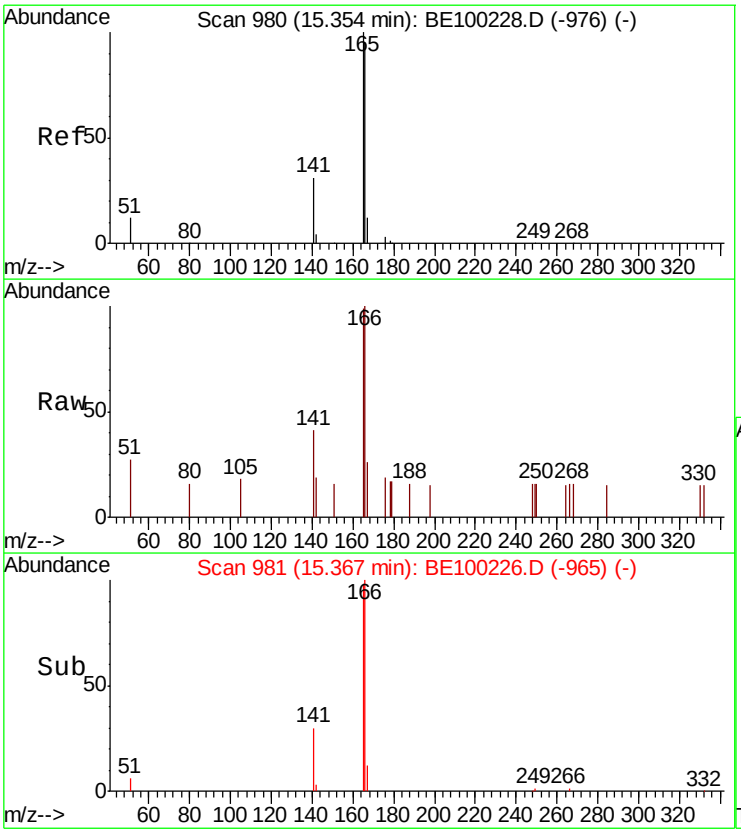
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 414

Ion	Ratio	Lower	Upper
154	100		
153	115.5	93.4	140.2
152	62.8	49.4	74.2

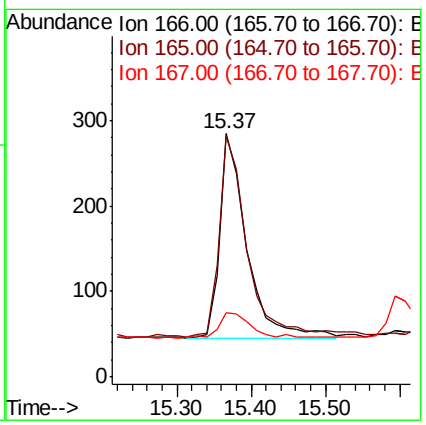


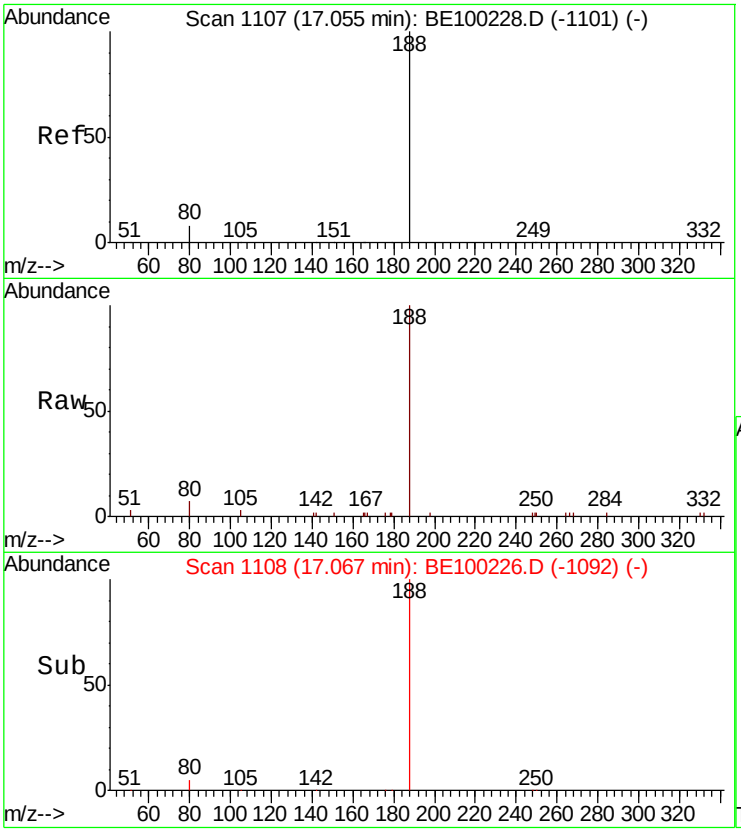


#18
Fluorene
Concen: 0.101 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:166 Resp: 613

Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.1	121.7
167	15.8	10.7	16.1



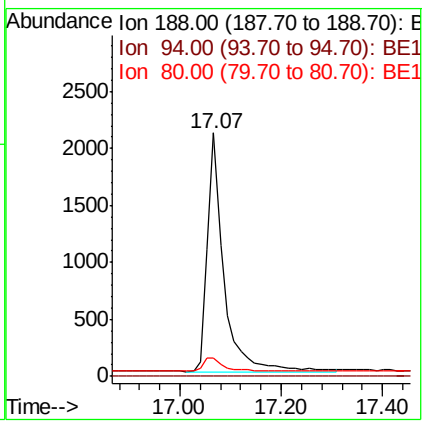


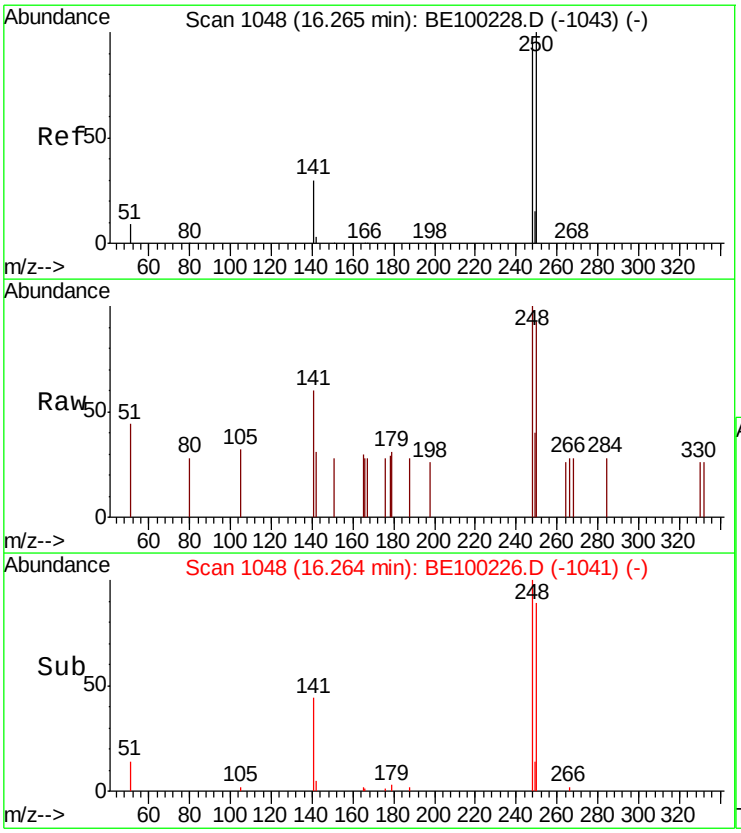
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 4701

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	7.6	11.4#

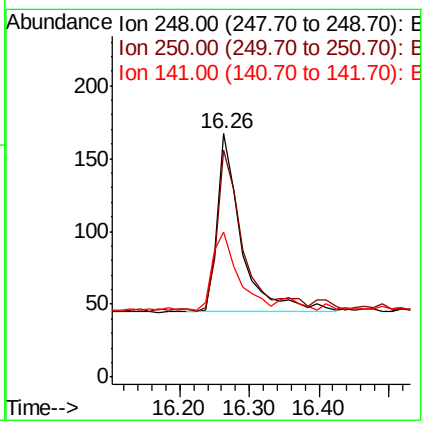


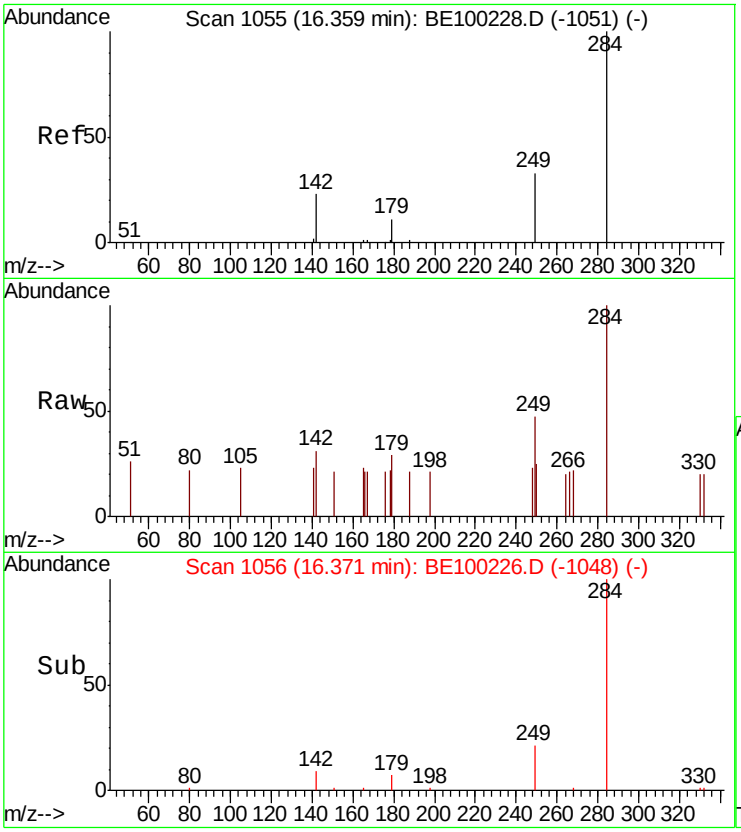


#20
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:248 Resp: 289

Ion	Ratio	Lower	Upper
248	100		
250	93.4	84.2	126.4
141	59.9	29.3	43.9#



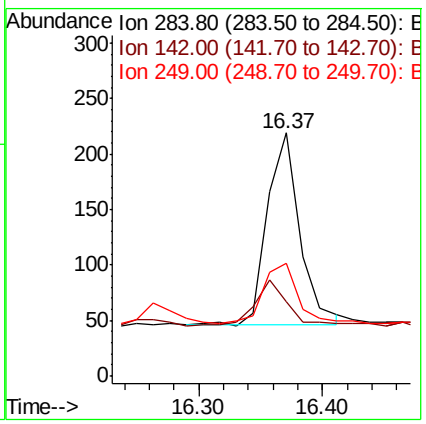


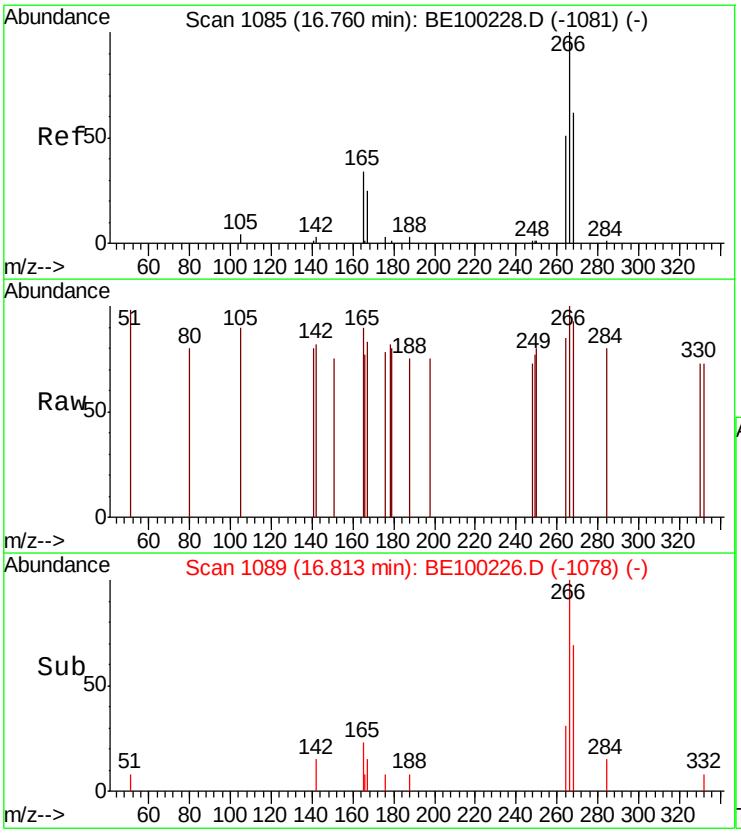
#21
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 314

Ion	Ratio	Lower	Upper
284	100		
142	21.7	18.8	28.2
249	34.1	23.7	35.5

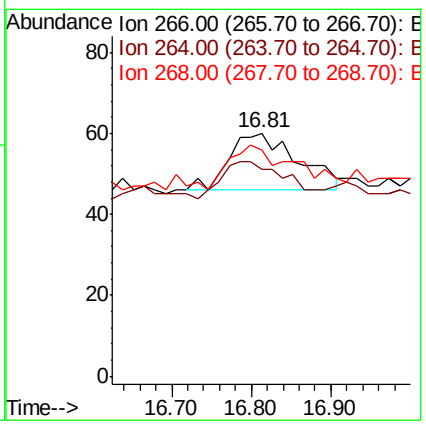


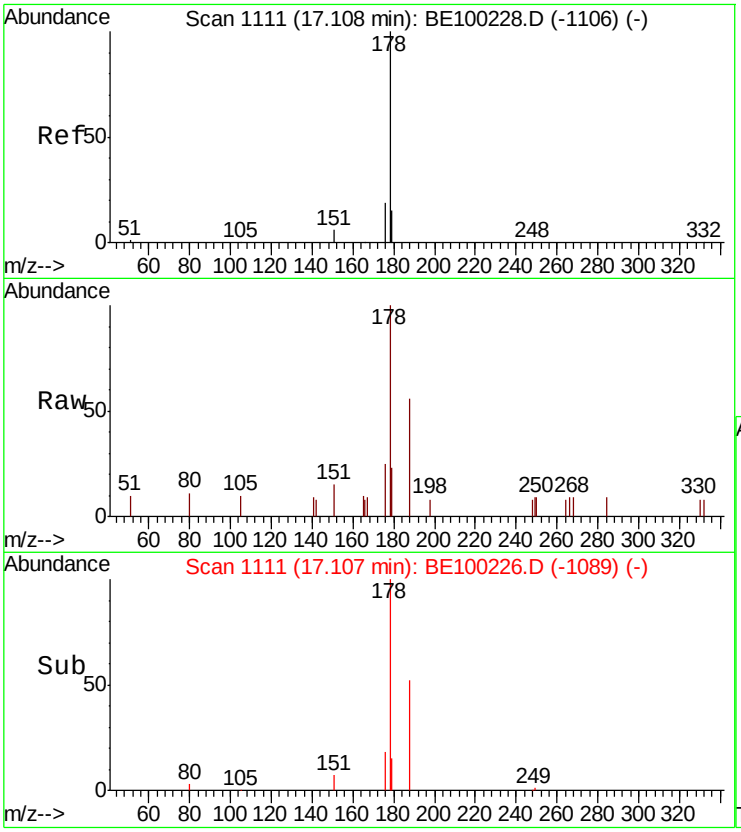


#22
Pentachlorophenol
Concen: 0.112 ng
RT: 16.81 min Scan# 1089
Delta R.T. 0.05 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:266 Resp: 84

Ion	Ratio	Lower	Upper
266	100		
264	85.0	56.2	84.2#
268	93.3	61.8	92.6#



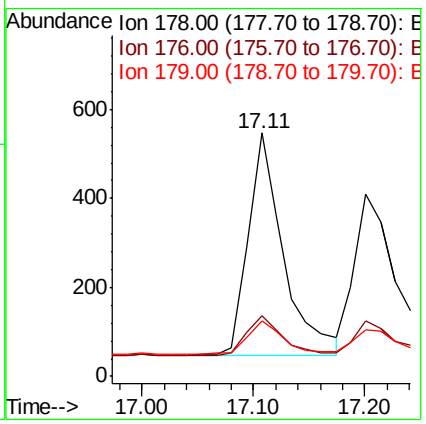


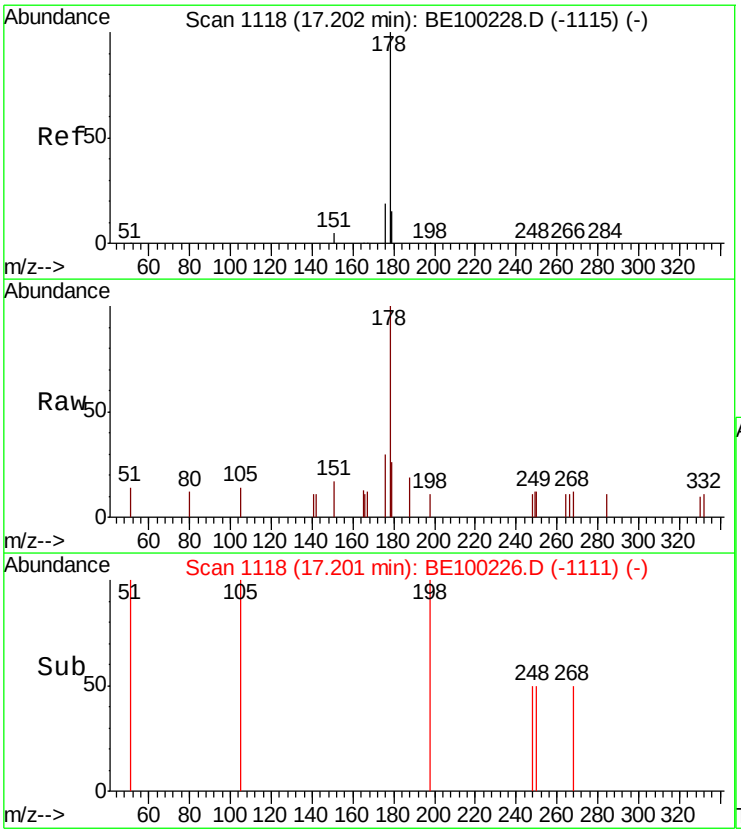
#23
Phenanthrene
Concen: 0.099 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1098

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	16.3	12.2	18.2

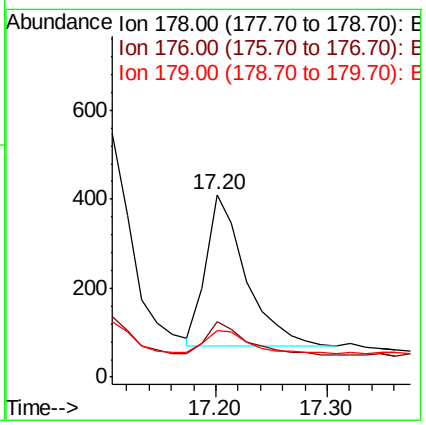


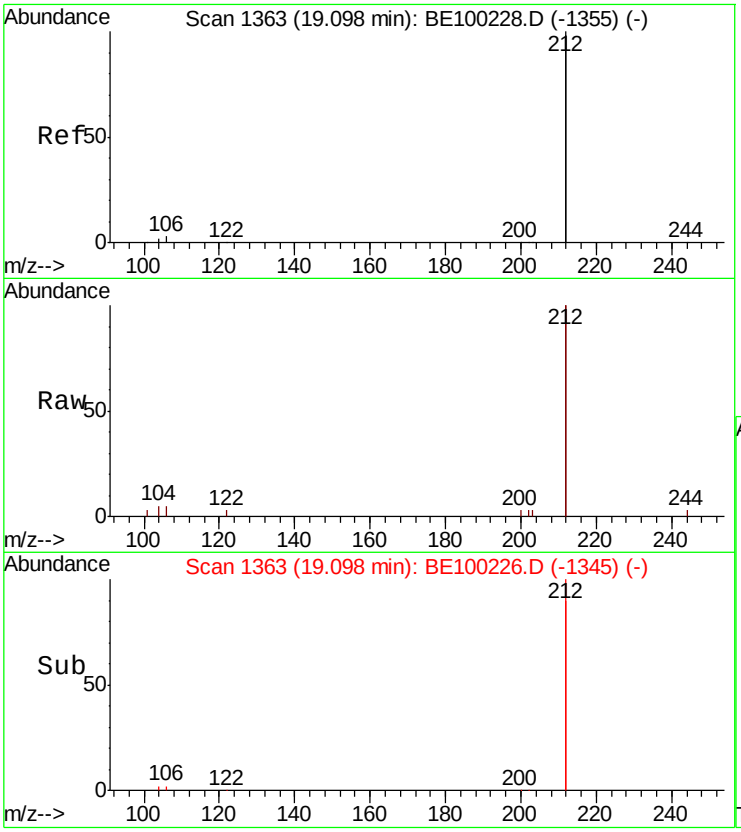


#24
Anthracene
Concen: 0.091 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:178 Resp: 856

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.3	22.9
179	16.0	12.2	18.2



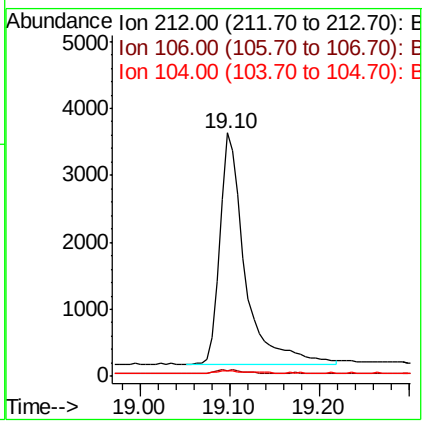


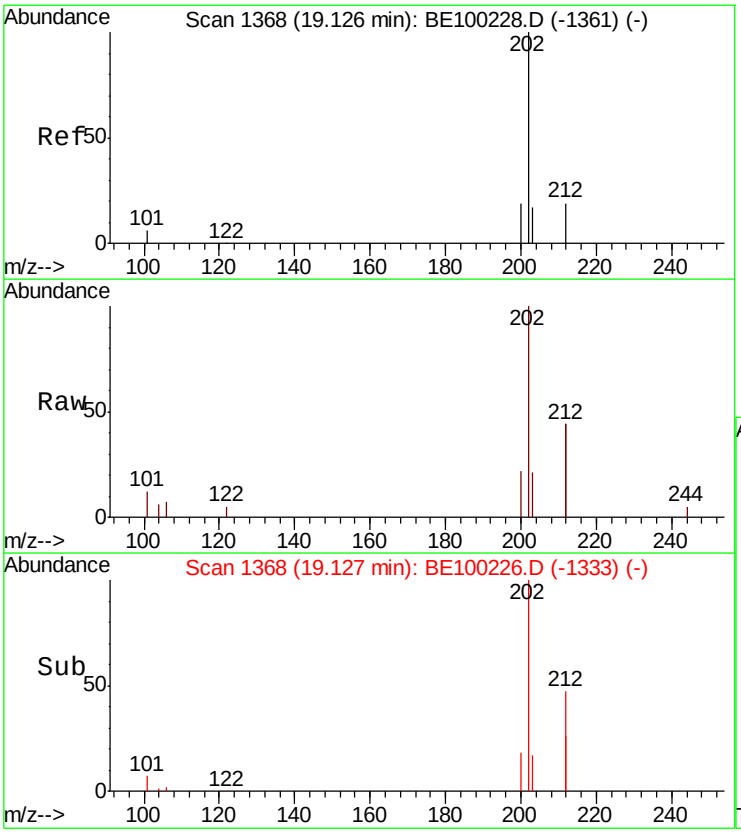
#25
Fluoranthene-d10
Concen: 0.098 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 6659

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	0.8	1.2

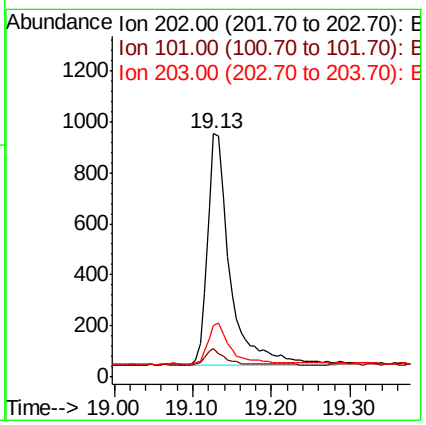


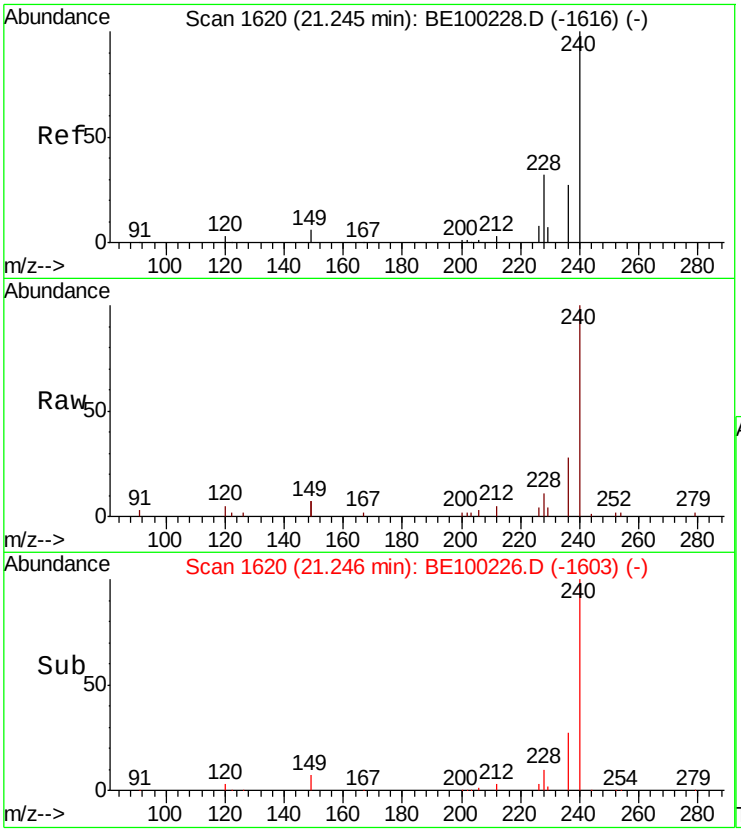


#26
Fluoranthene
Concen: 0.097 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:202 Resp: 1764

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.2	13.7	20.5



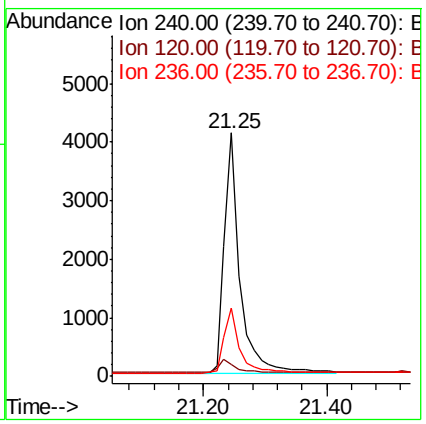


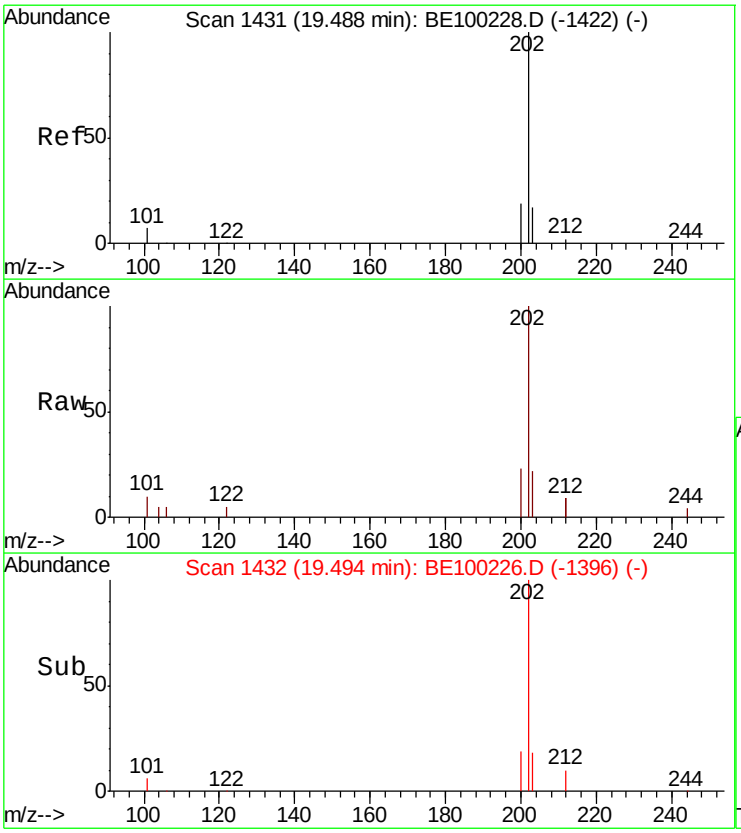
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 7249

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.3	4.9
236	28.0	22.6	34.0

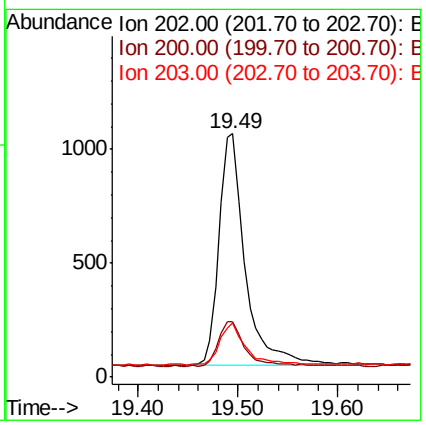


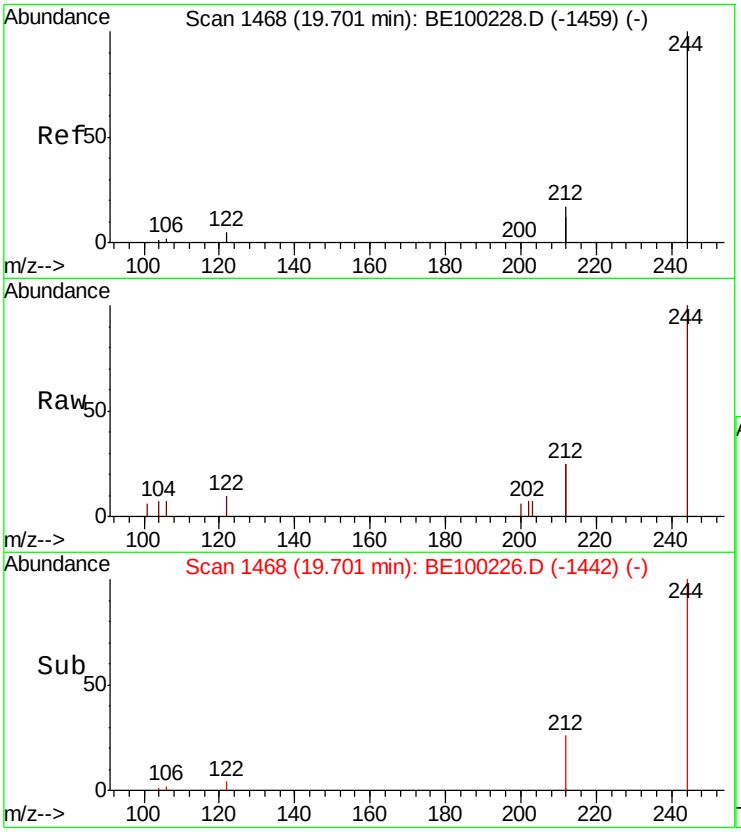


#28
Pyrene
Concen: 0.101 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:202 Resp: 1871

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.6	23.4
203	18.0	14.0	21.0



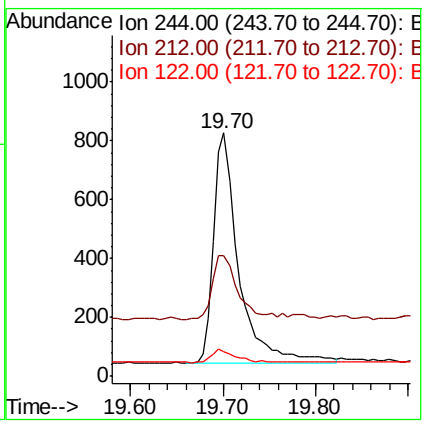


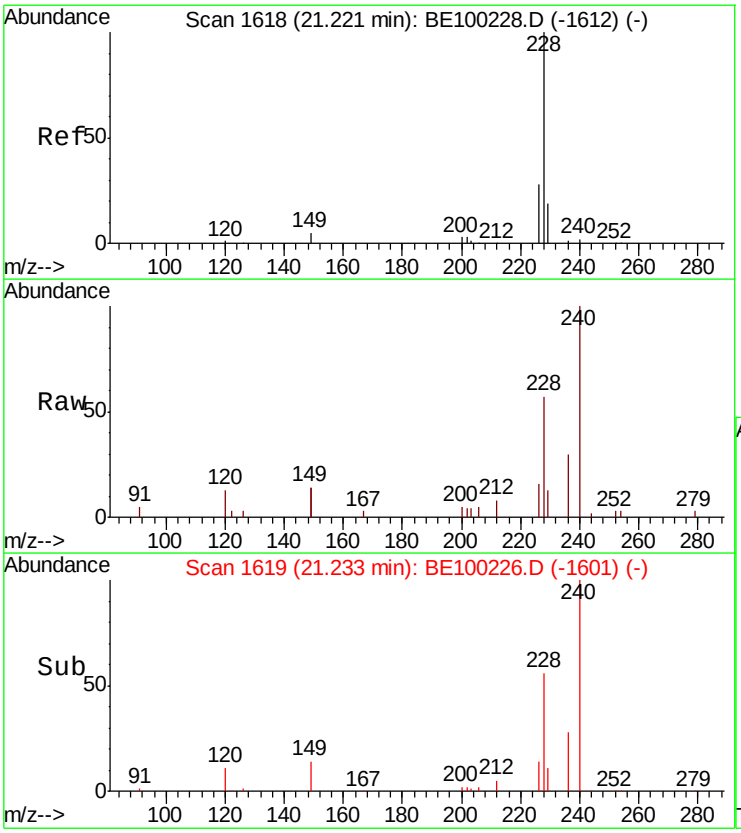
#29
Terphenyl-d14
Concen: 0.103 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1472

Ion	Ratio	Lower	Upper
244	100		
212	49.6	27.3	40.9#
122	9.9	4.7	7.1#

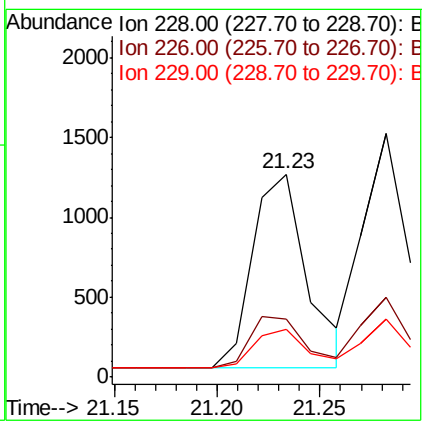


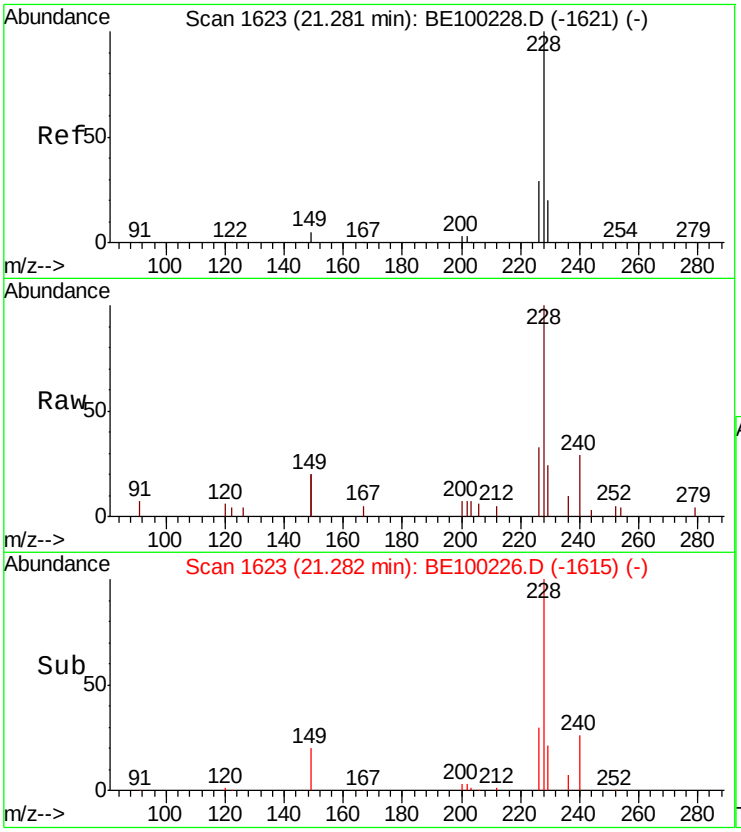


#30
Benzo(a)anthracene
Concen: 0.105 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:228 Resp: 2249

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.2	34.8
229	23.2	15.7	23.5



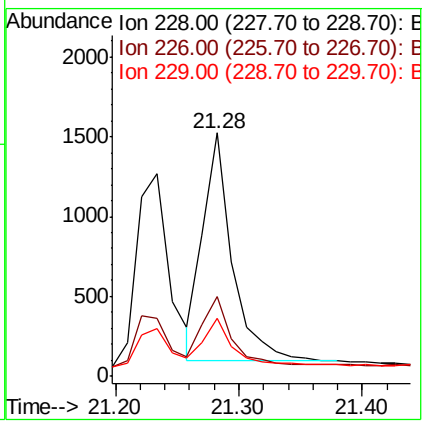


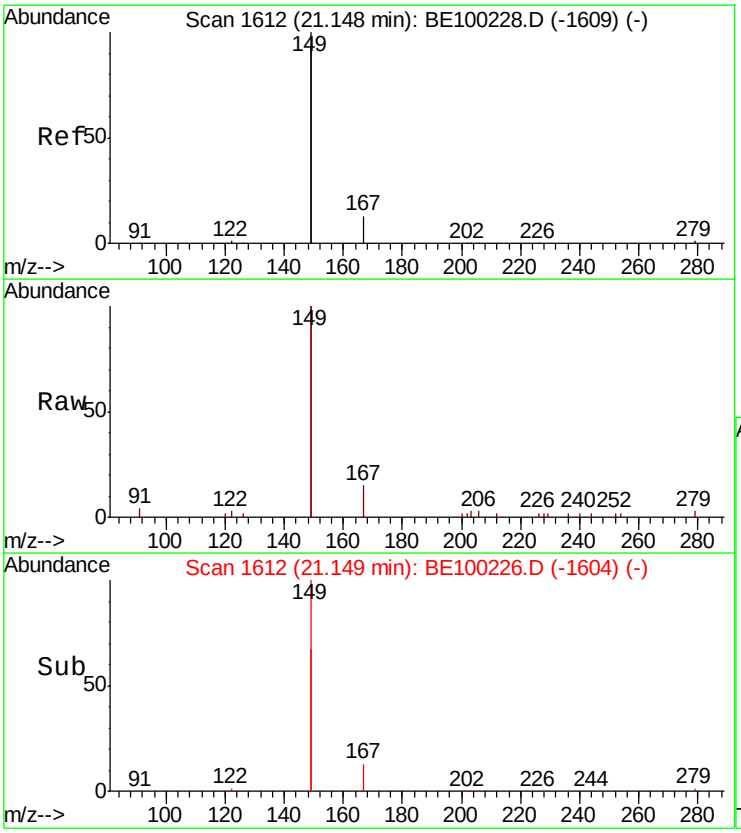
#31
Chrysene
Concen: 0.094 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2361

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.9	35.9
229	24.0	16.5	24.7

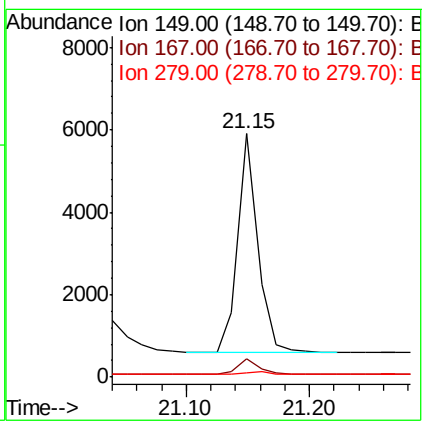


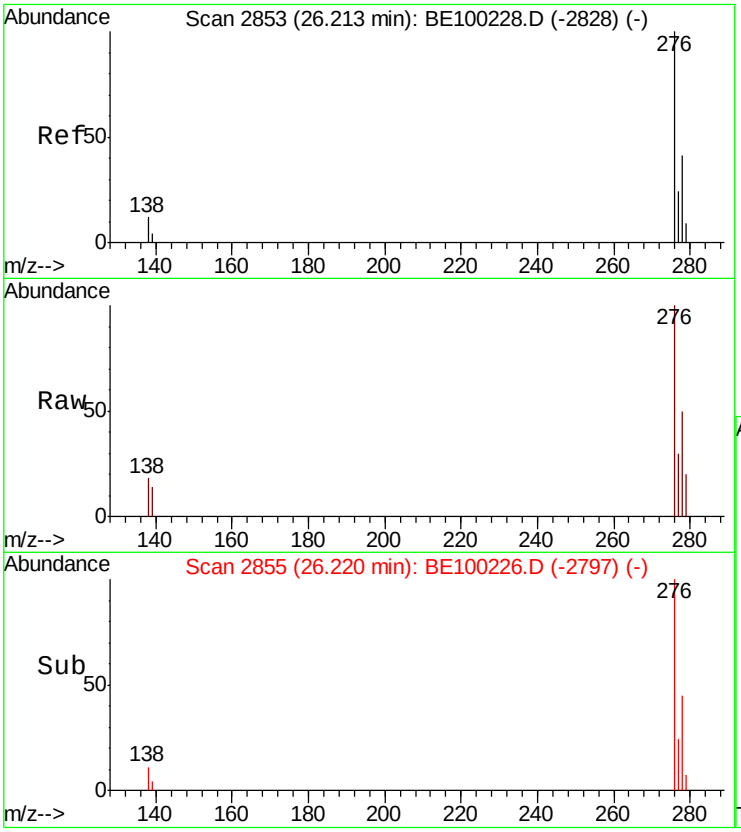


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.244 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:149 Resp: 6005

Ion	Ratio	Lower	Upper
149	100		
167	8.7	5.8	8.8
279	1.5	1.1	1.7



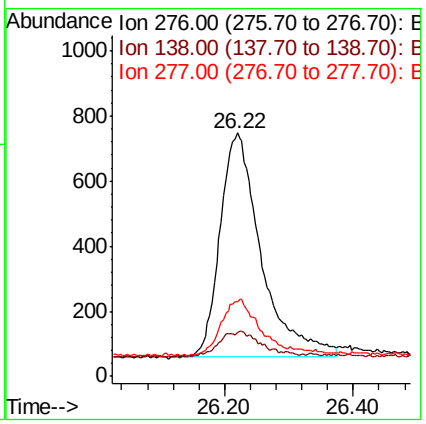


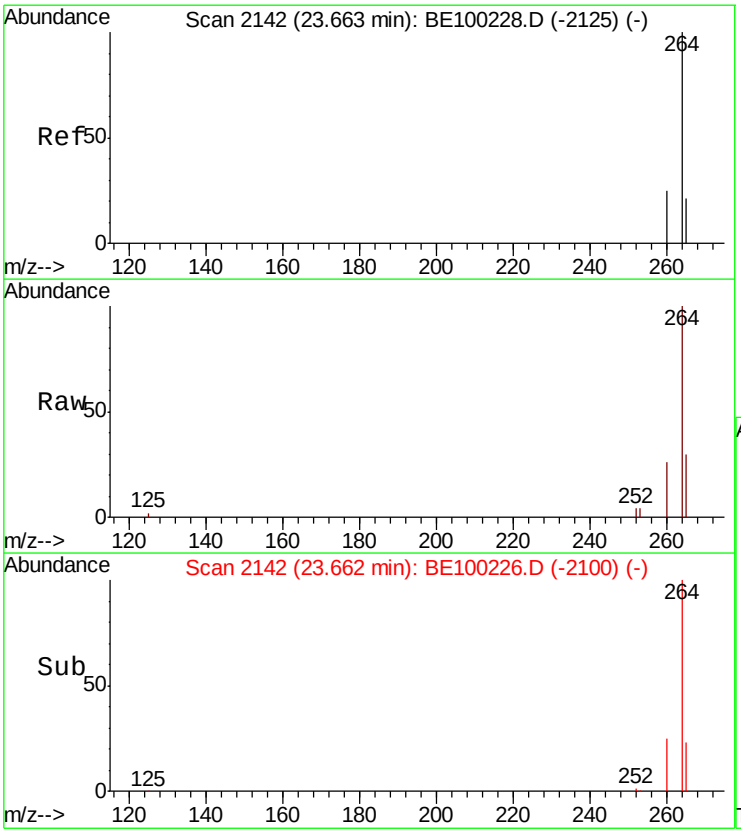
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng
RT: 26.22 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3067

Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.4	14.0#
277	22.6	19.2	28.8

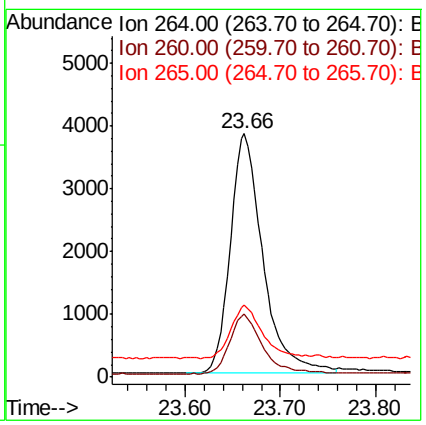


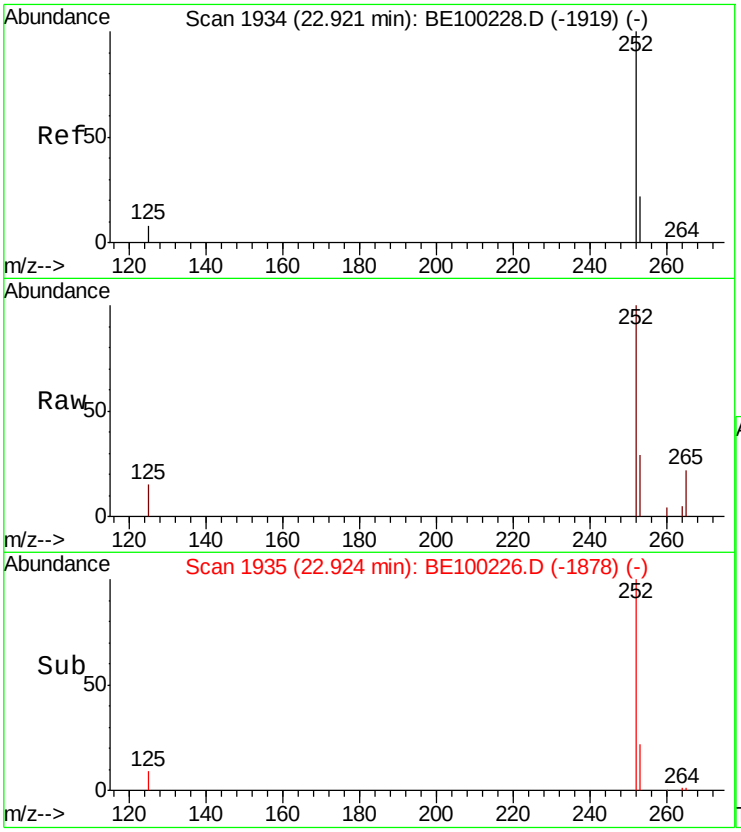


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:264 Resp: 9094

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	29.8	21.8	32.6



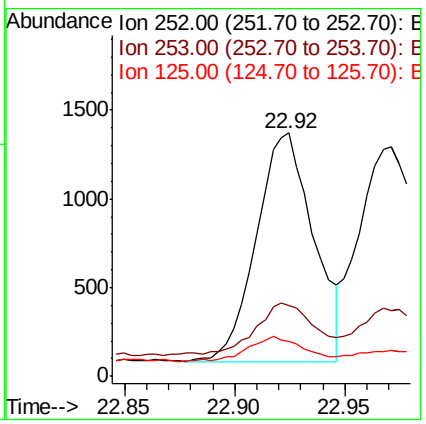


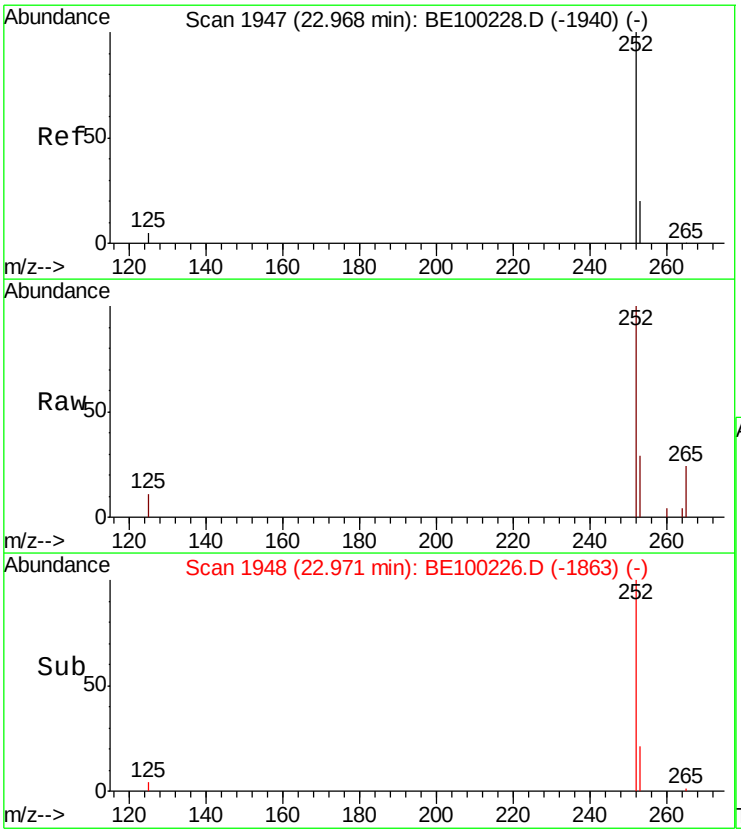
#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.92 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2330

Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.2	28.8#
125	14.5	7.4	11.0#

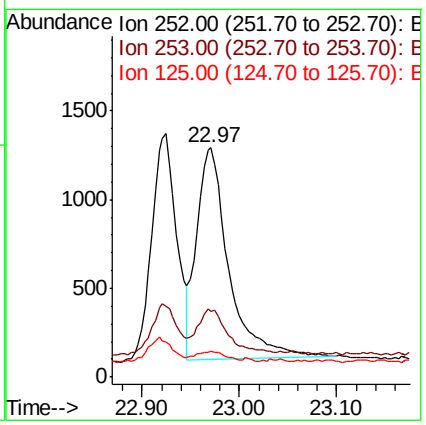


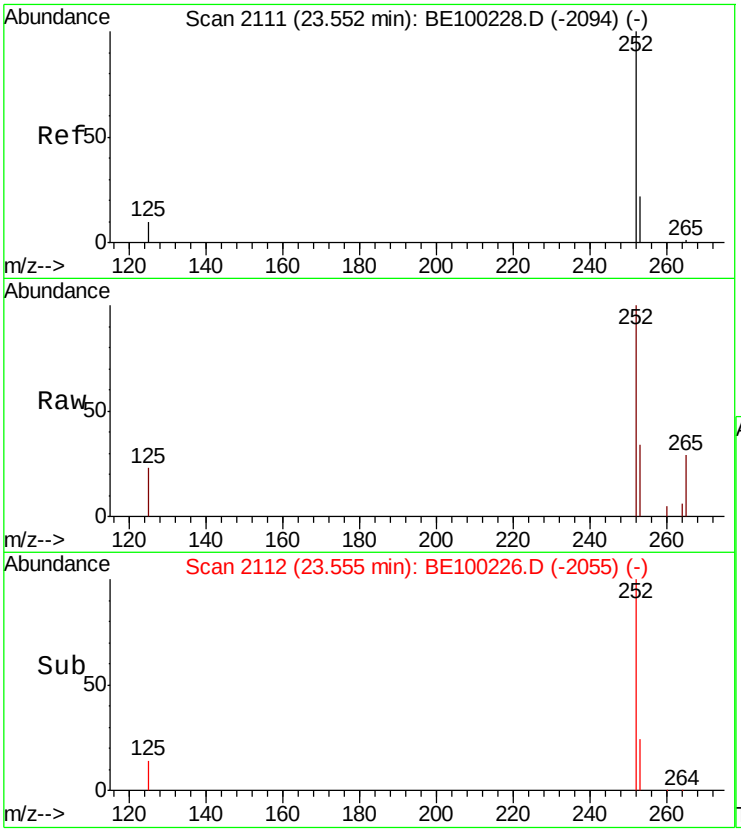


#36
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:252 Resp: 2730

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.9	26.9#
125	11.1	5.0	7.4#



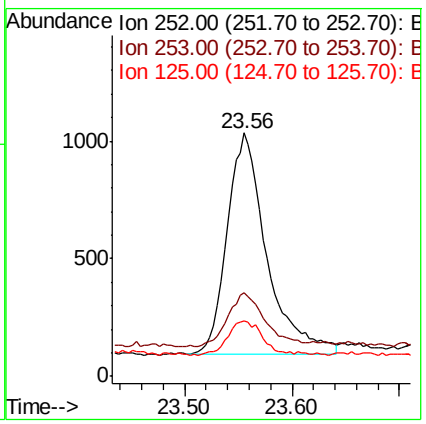


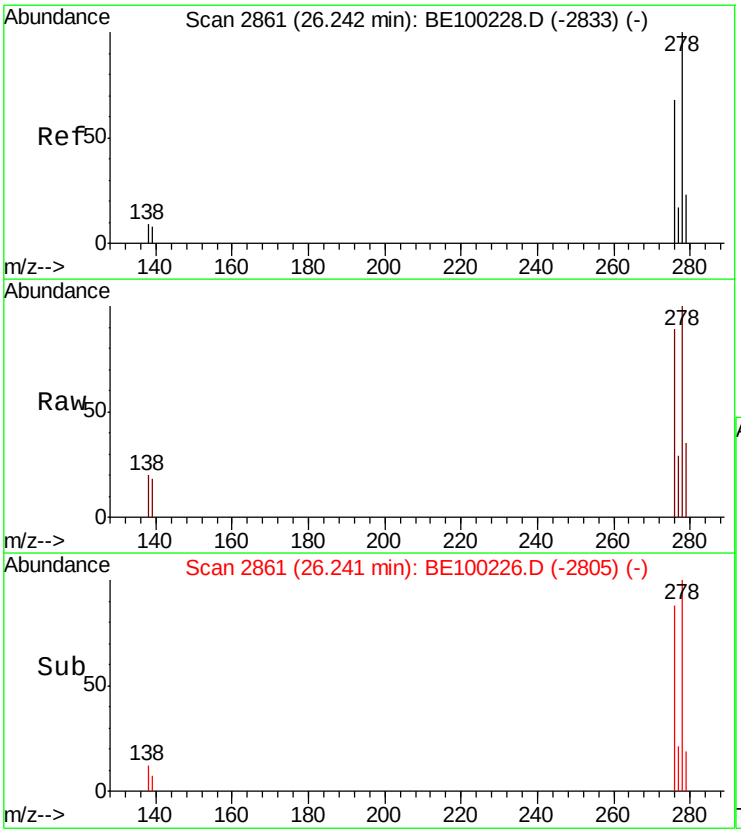
#37
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.56 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2390

Ion	Ratio	Lower	Upper
252	100		
253	34.2	19.6	29.4#
125	22.6	9.0	13.6#

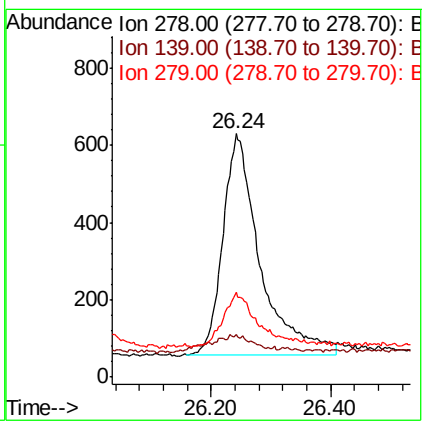


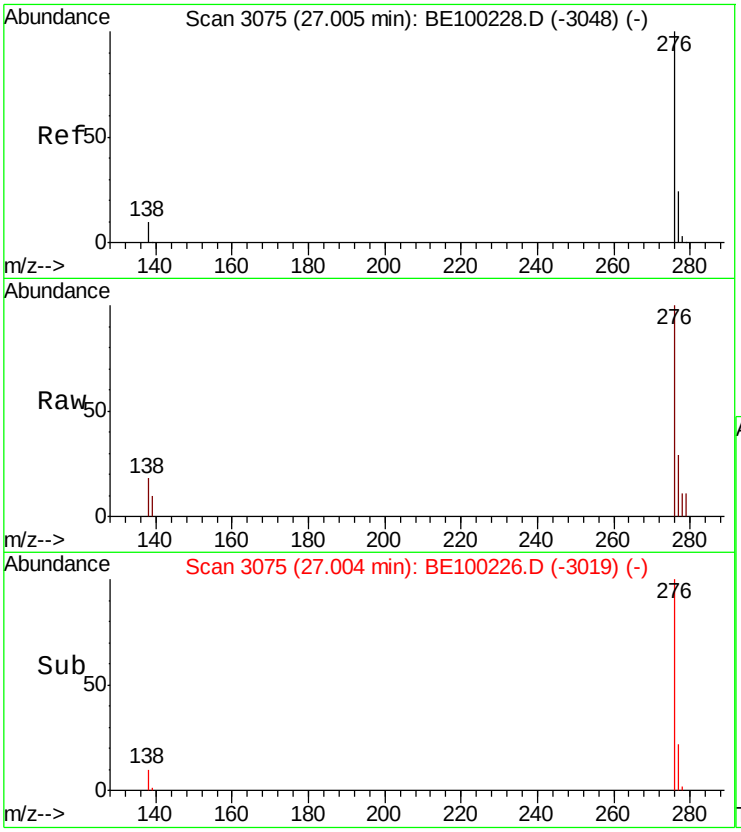


#38
Dibenzo(a,h)anthracene
Concen: 0.091 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Tgt Ion:278 Resp: 2466

Ion	Ratio	Lower	Upper
278	100		
139	17.6	8.2	12.2#
279	34.8	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.092 ng
RT: 27.00 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BE100226.D
Acq: 28 Jun 2019 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2595

Ion	Ratio	Lower	Upper
276	100		
277	29.3	20.2	30.2
138	17.9	9.0	13.6#