Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100726.D
Acq On : 14 Nov 2019 18:15
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Nov 15 15:56:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1899	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	8168	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	5403	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	12113	0.40	ng		0.00
27) Chrysene-d12	21.29	240	17099	0.40	ng		0.00
34) Perylene-d12	23.73	264	18413	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	28735	4.90	ng		0.00
5) Phenol-d6	6.94	99	41446	5.01	ng		0.00
8) Nitrobenzene-d5	8.91	82	38629	7.63	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	67488	5.24	ng		0.00
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	13.03	172	98100	4.98	ng		0.00
25) Fluoranthene-d10	19.16	212	862192	5.52	ng		0.00
29) Terphenyl-d14	19.76	244	204887	5.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	15684	4.629	ng		95
3) n-Nitrosodimethylamine	3.58	42	17745	4.952	ng	#	97
6) bis(2-Chloroethyl)ether	7.20	93	35494	5.229	ng		96
9) Naphthalene	10.60	128	425496	4.954	ng		99
10) Hexachlorobutadiene	10.90	225	20144	5.398	ng		97
12) 2-Methylnaphthalene	12.22	142	74940	5.119	ng		97
16) Acenaphthylene	14.13	152	120432	5.180	ng		98
17) Acenaphthene	14.47	154	73729	4.907	ng		99
18) Fluorene	15.43	166	101515	5.087	ng		100
20) 4-Bromophenyl-phenylether	16.33	248	34655	5.623	ng		95
21) Hexachlorobenzene	16.45	284	33087	5.634	ng		98
23) Phenanthrene	17.18	178	172367	5.173	ng		99
24) Anthracene	17.26	178	167153	5.407	ng		99
26) Fluoranthene	19.18	202	237818	5.469	ng		99
28) Pyrene	19.55	202	242661	5.080	ng		100
30) Benzo(a)anthracene	21.28	228	282597	5.066	ng		99
31) Chrysene	21.33	228	278886	5.003	ng		100
32) Bis(2-ethylhexyl)phthalate	21.22	149	530139	4.544	ng		99
33) Indeno(1,2,3-cd)pyrene	26.30	276	332488	4.853	ng		99
35) Benzo(b)fluoranthene	22.99	252	280539	5.225	ng		97
36) Benzo(k)fluoranthene	23.04	252	291551	5.280	ng		97
37) Benzo(a)pyrene	23.62	252	263312	5.269	ng		97
38) Dibenzo(a,h)anthracene	26.32	278	277862	5.379	ng		96
39) Benzo(g,h,i)perylene	27.07	276	267237	5.144	ng		98

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

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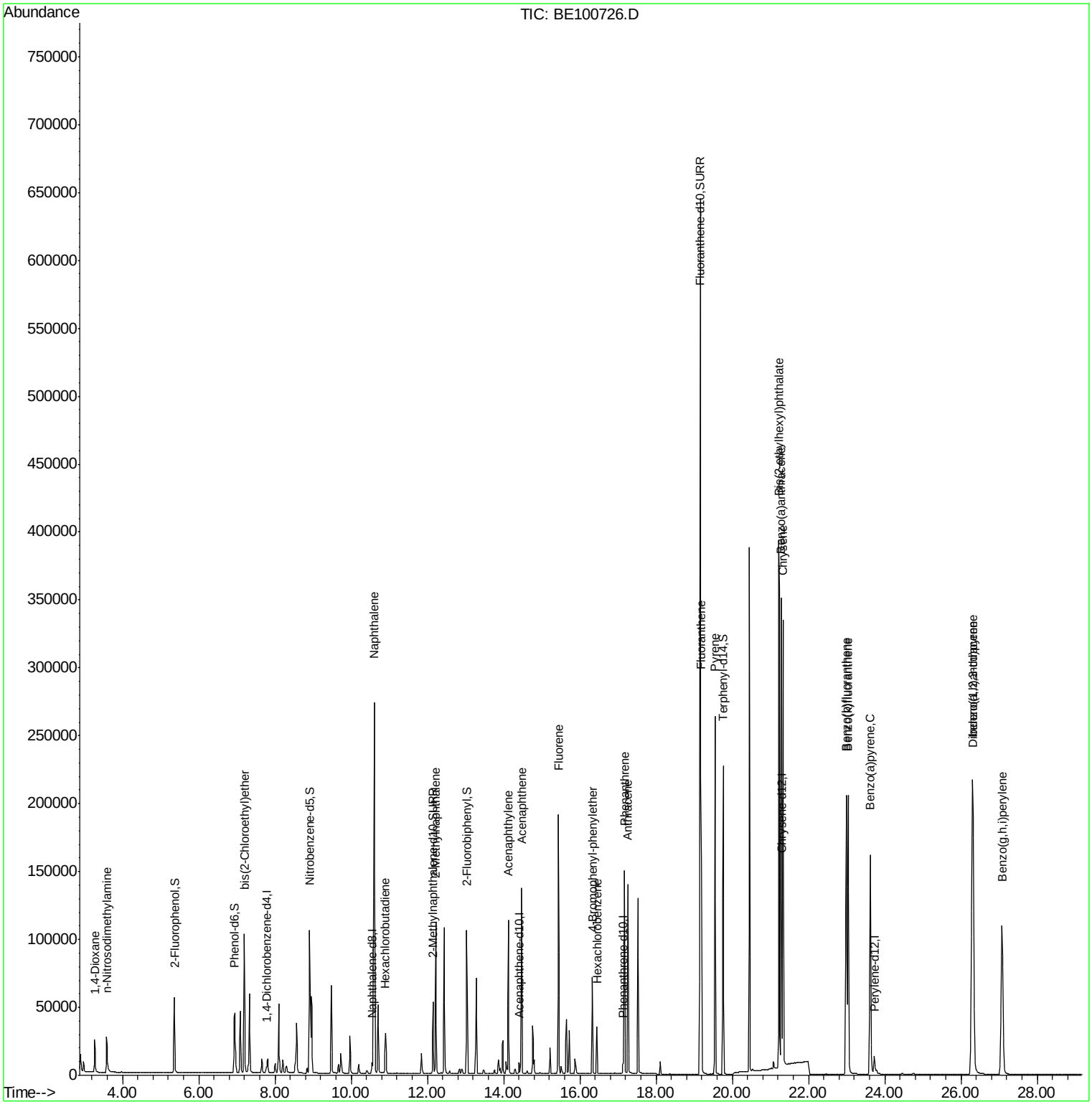
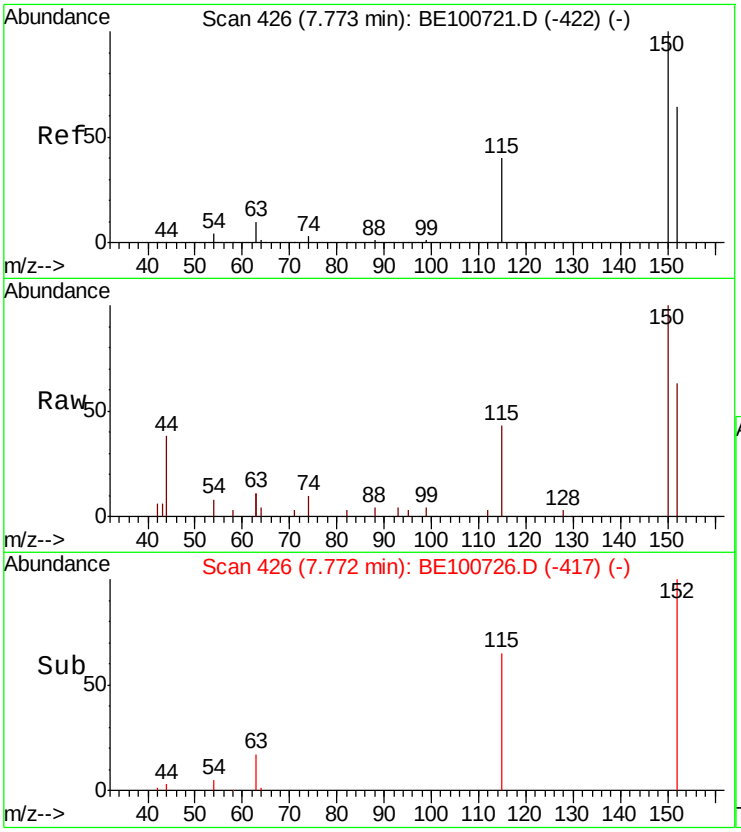
Data File : BE100726.D
Acq On : 14 Nov 2019 18:15
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 15 15:56:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration



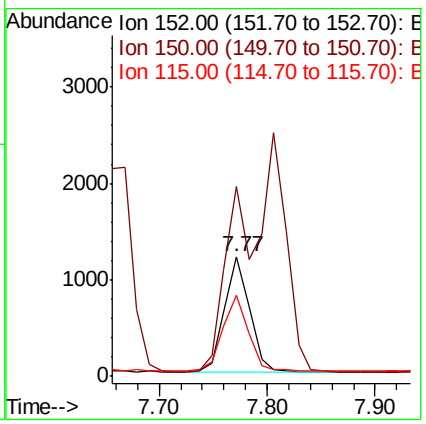


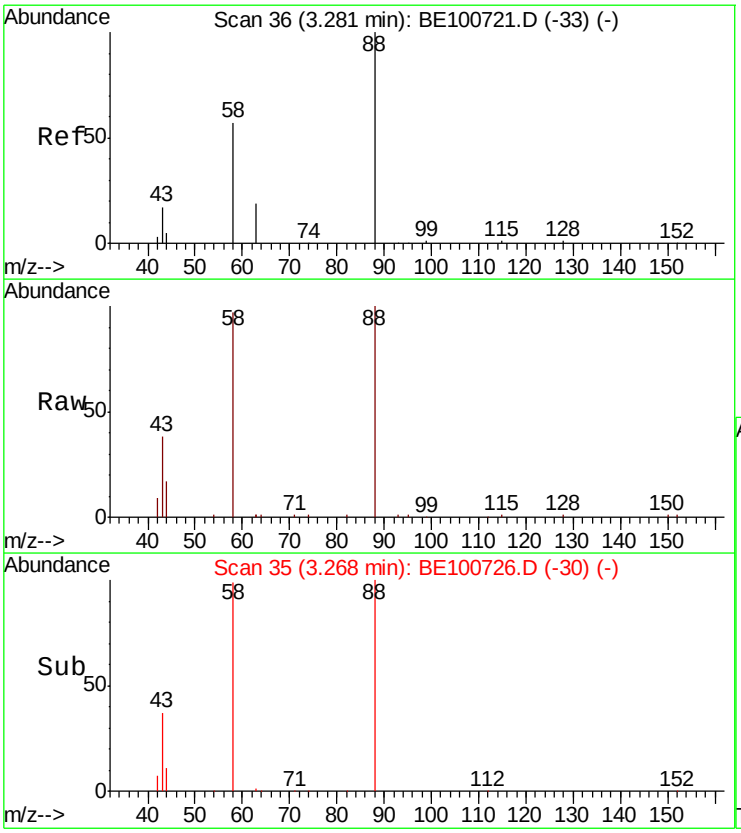
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 1899

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.4	185.0
115	67.5	52.1	78.1

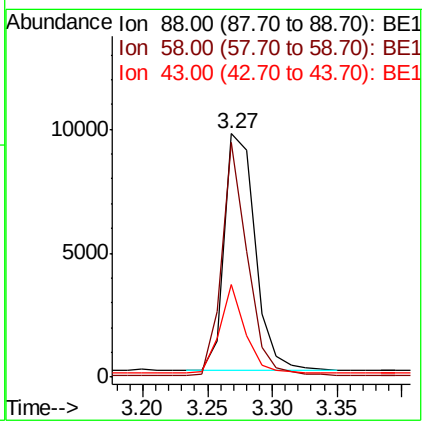


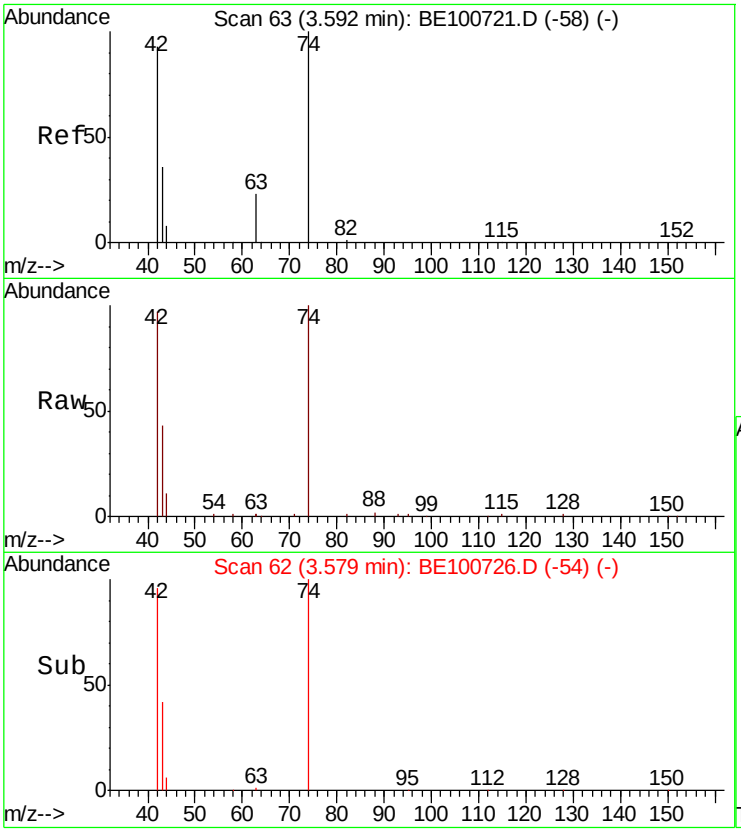


#2
1,4-Dioxane
Concen: 4.629 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.01 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion: 88 Resp: 15684

Ion	Ratio	Lower	Upper
88	100		
58	82.8	69.8	104.8
43	30.8	27.0	40.4



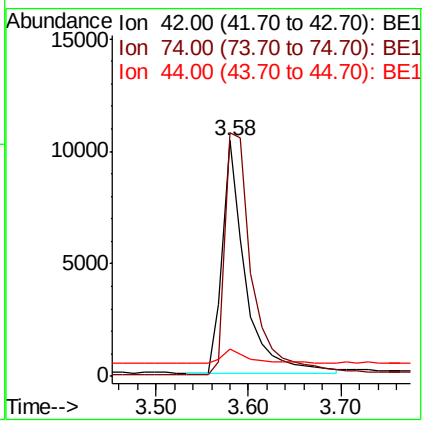


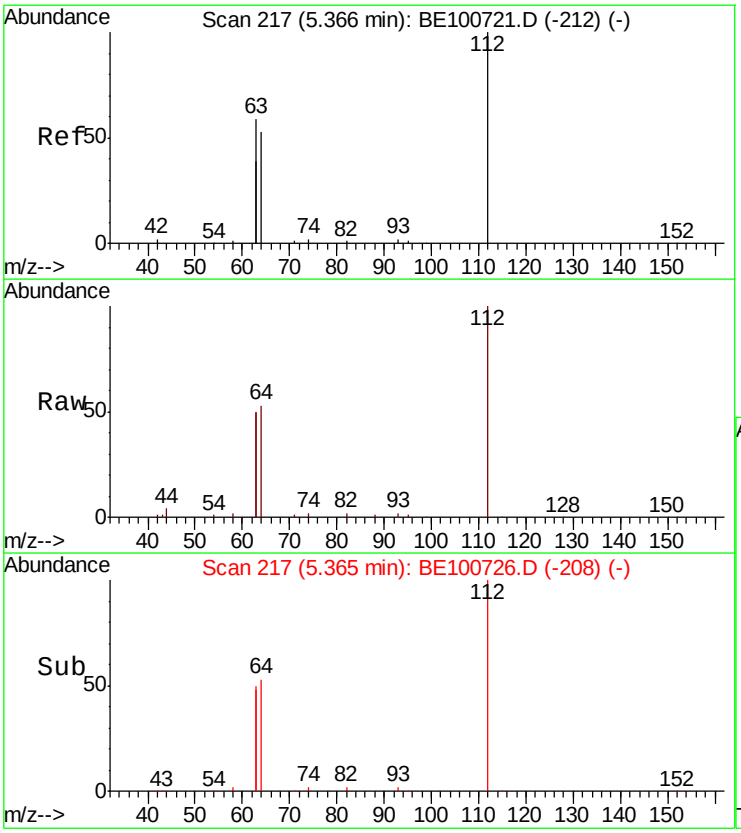
#3
n-Nitrosodimethylamine
Concen: 4.952 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 17745

Ion	Ratio	Lower	Upper
42	100		
74	126.4	99.7	149.5
44	7.7	11.8	17.8#

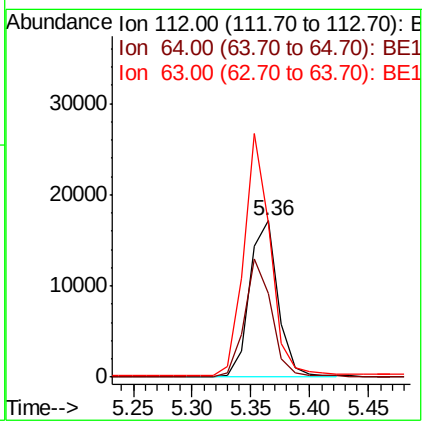


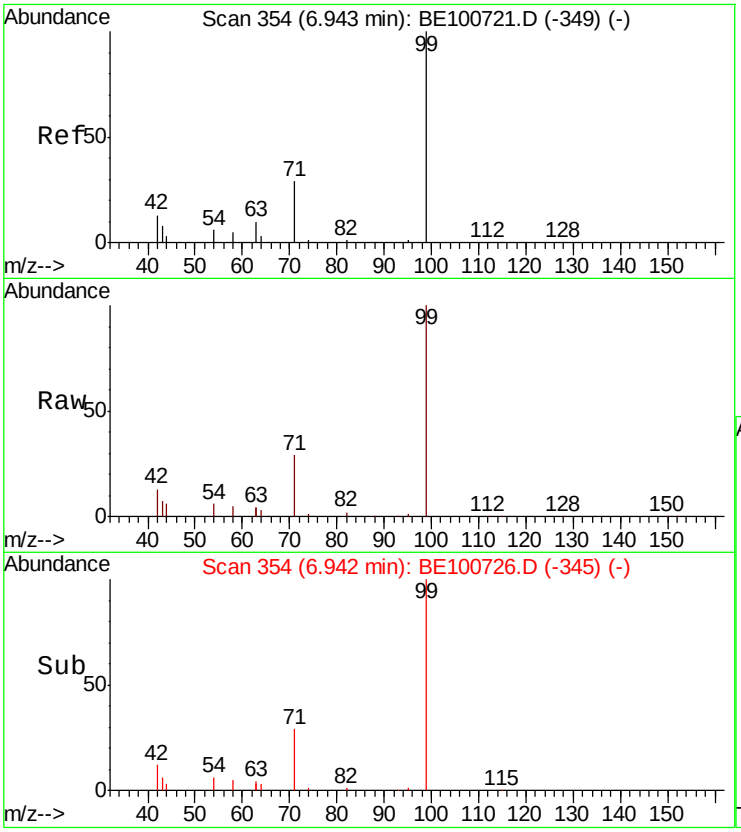


#4
2-Fluorophenol
Concen: 4.900 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:112 Resp: 28735

Ion	Ratio	Lower	Upper
112	100		
64	71.3	58.3	87.5
63	143.9	115.4	173.2



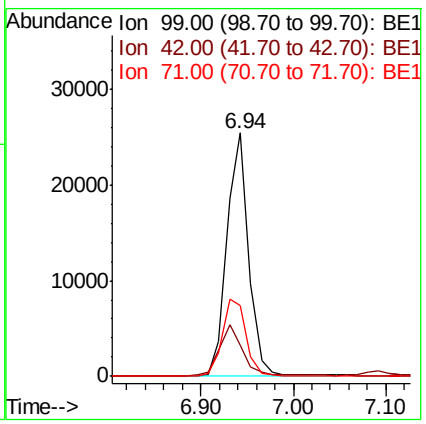


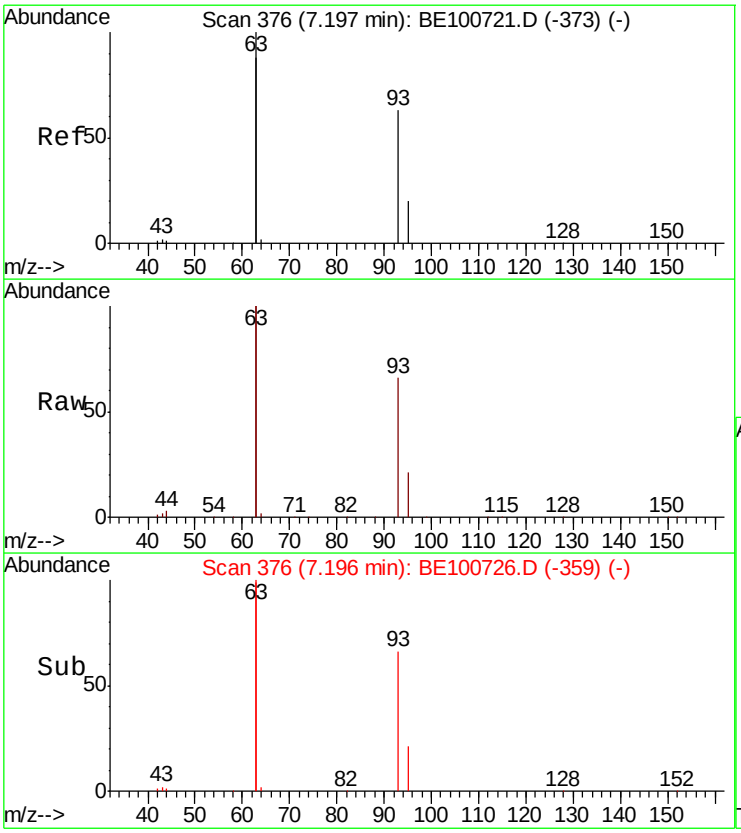
#5
Phenol-d6
Concen: 5.012 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 41446

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	34.4	27.3	40.9

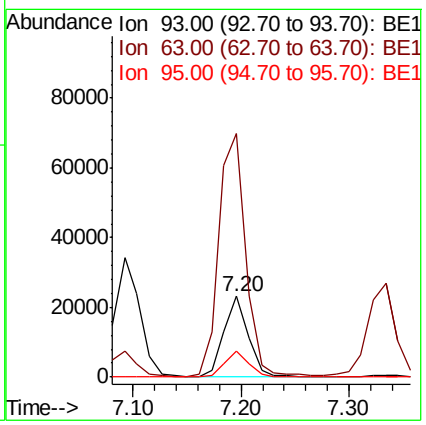


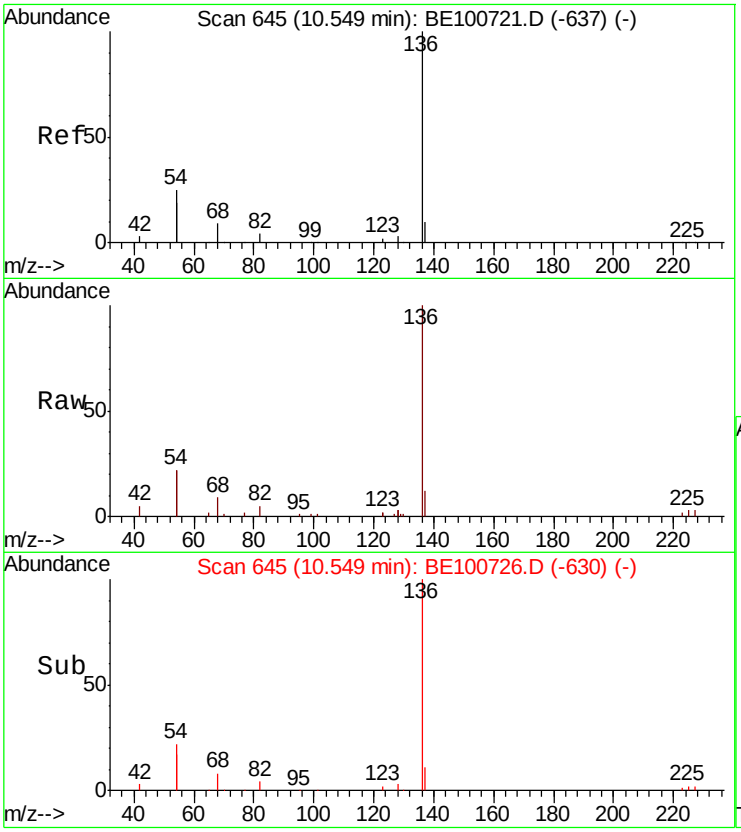


#6
bis(2-Chloroethyl)ether
Concen: 5.229 ng
RT: 7.20 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion: 93 Resp: 35494

Ion	Ratio	Lower	Upper
93	100		
63	335.1	260.7	391.1
95	31.3	24.2	36.2



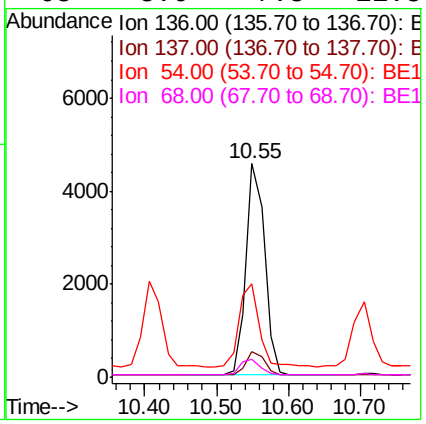


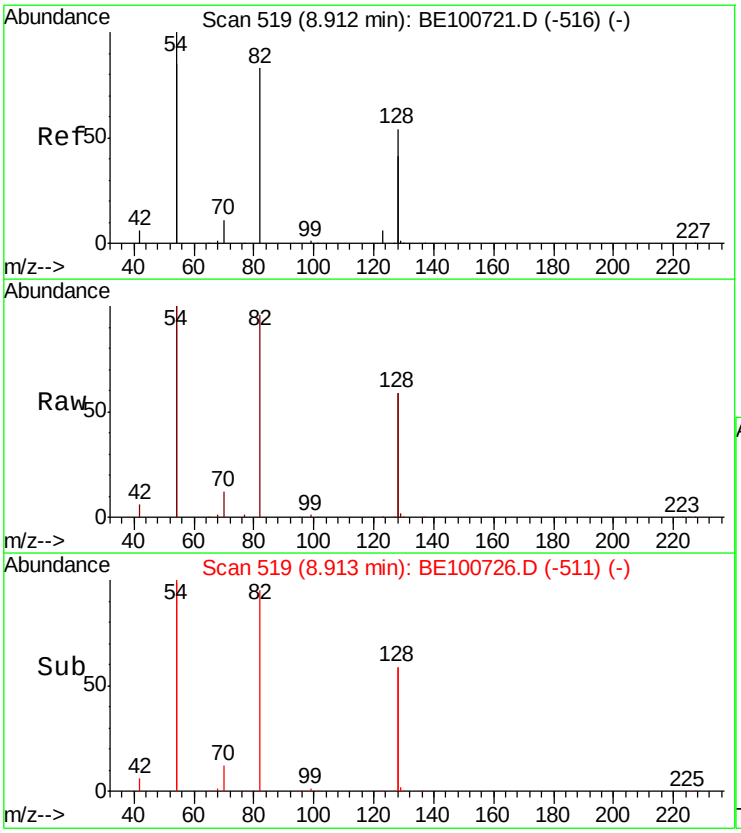
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 8168

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	43.8	39.0	58.6
68	8.6	7.8	11.8

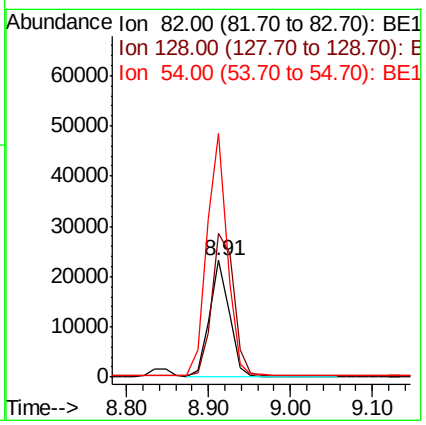


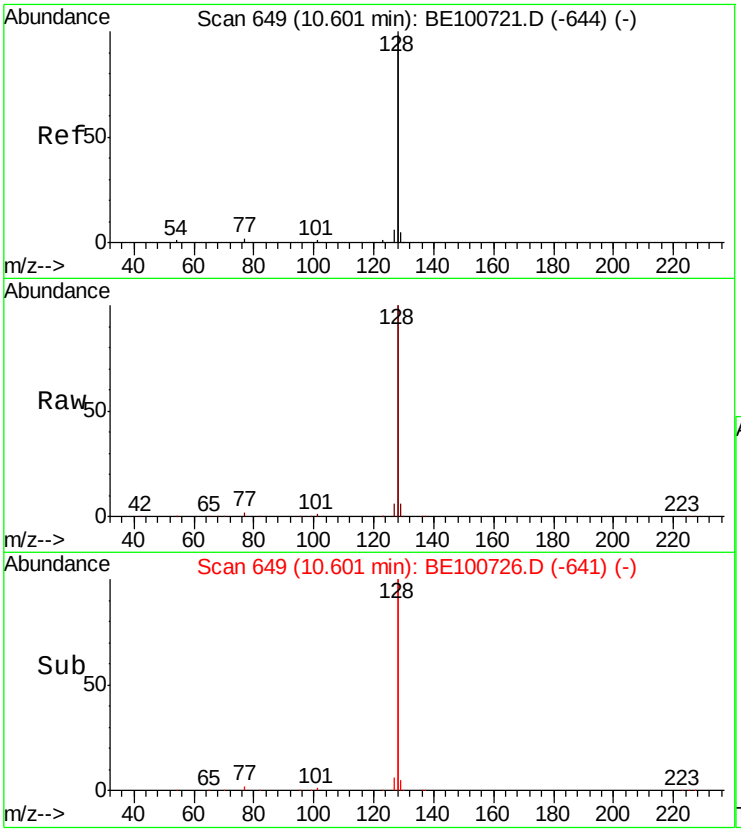


#8
Nitrobenzene-d5
Concen: 7.630 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion: 82 Resp: 38629

Ion	Ratio	Lower	Upper
82	100		
128	124.0	99.6	149.4
54	209.3	183.8	275.8



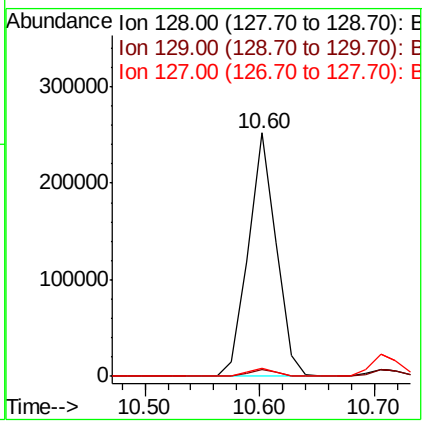


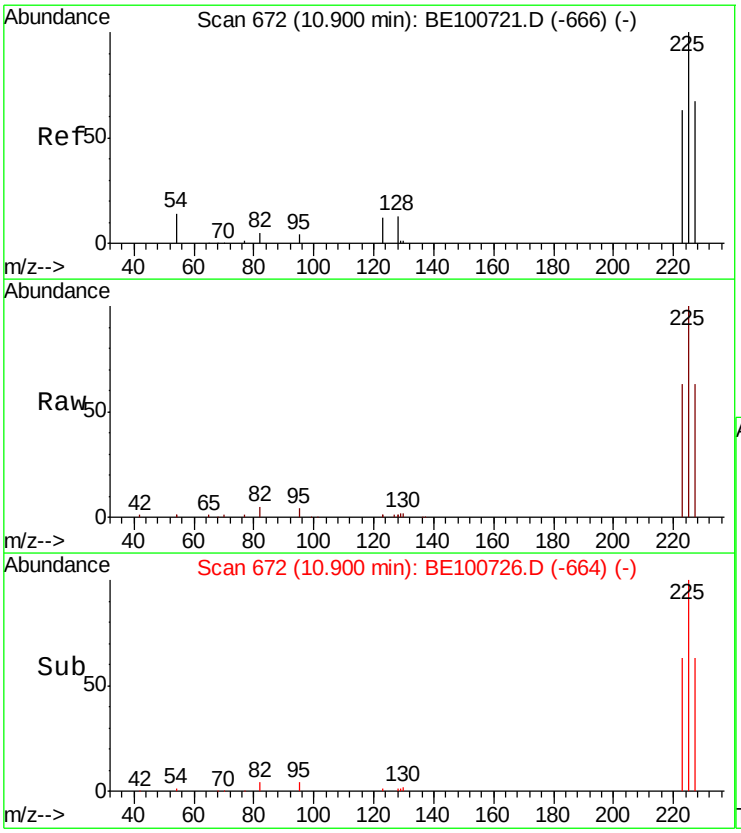
#9
Naphthalene
Concen: 4.954 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 425496

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.7	4.1

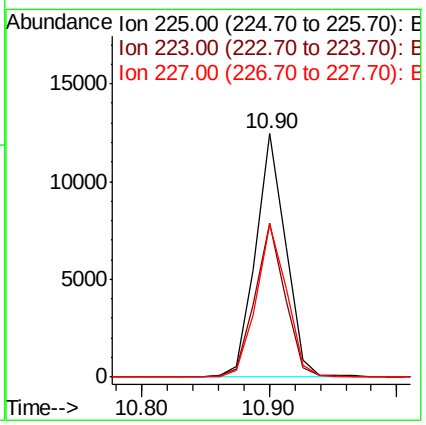


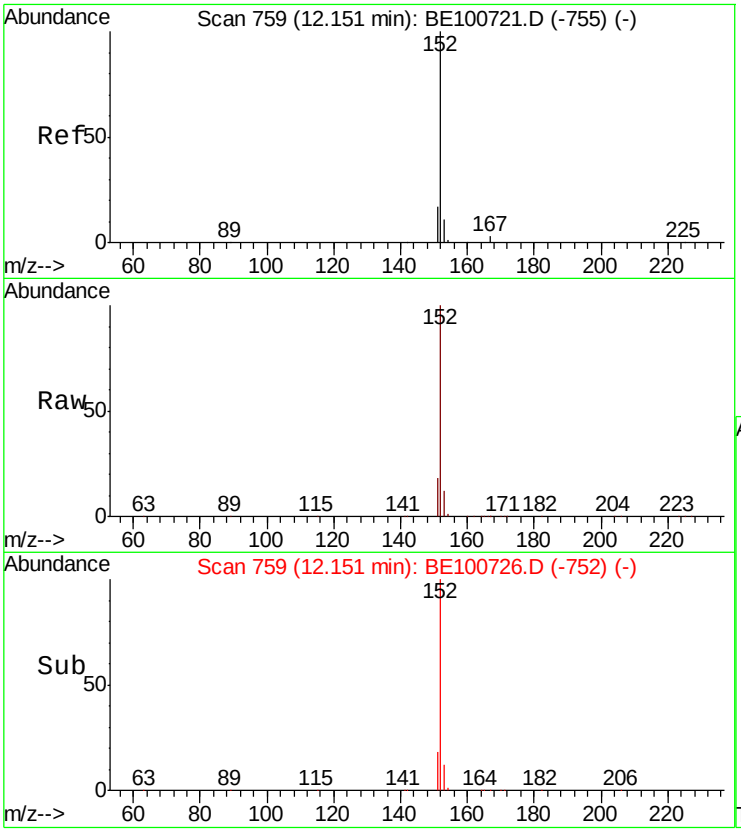


#10
Hexachlorobutadiene
Concen: 5.398 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:225 Resp: 20144

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.1	53.0	79.6



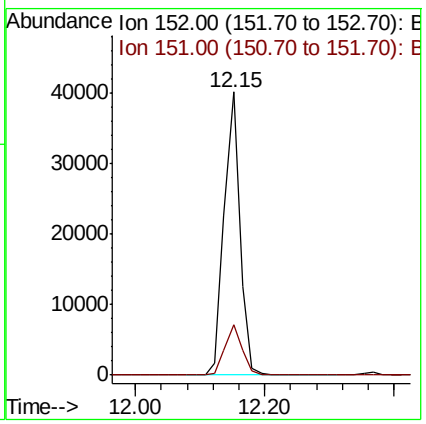


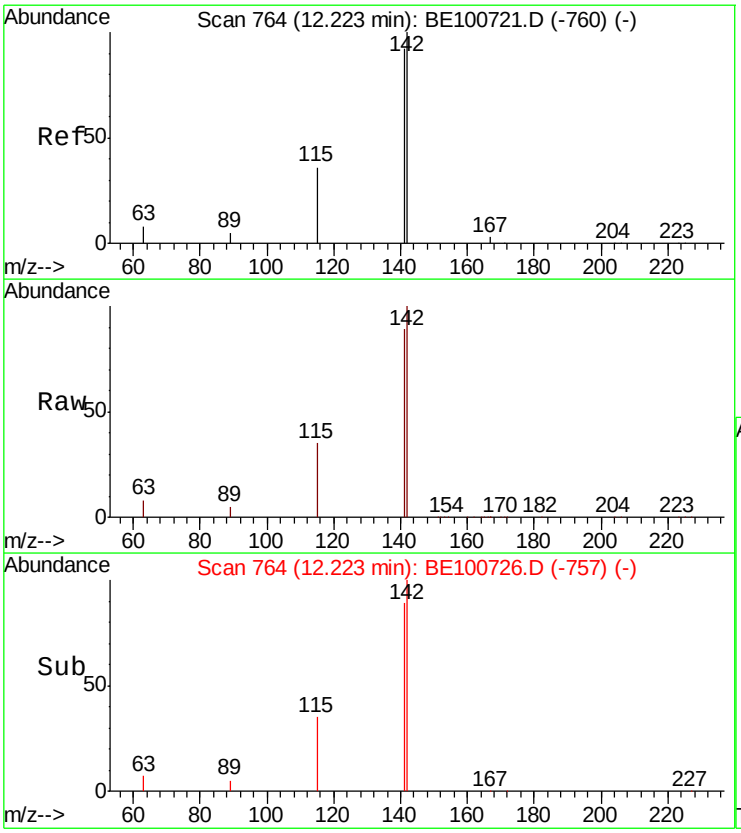
#11
2-Methylnaphthalene-d10
Concen: 5.240 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 67488

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.2	21.4

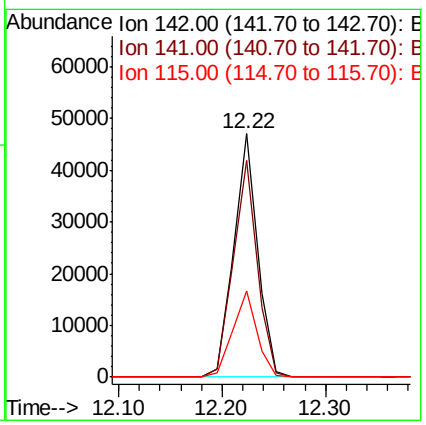


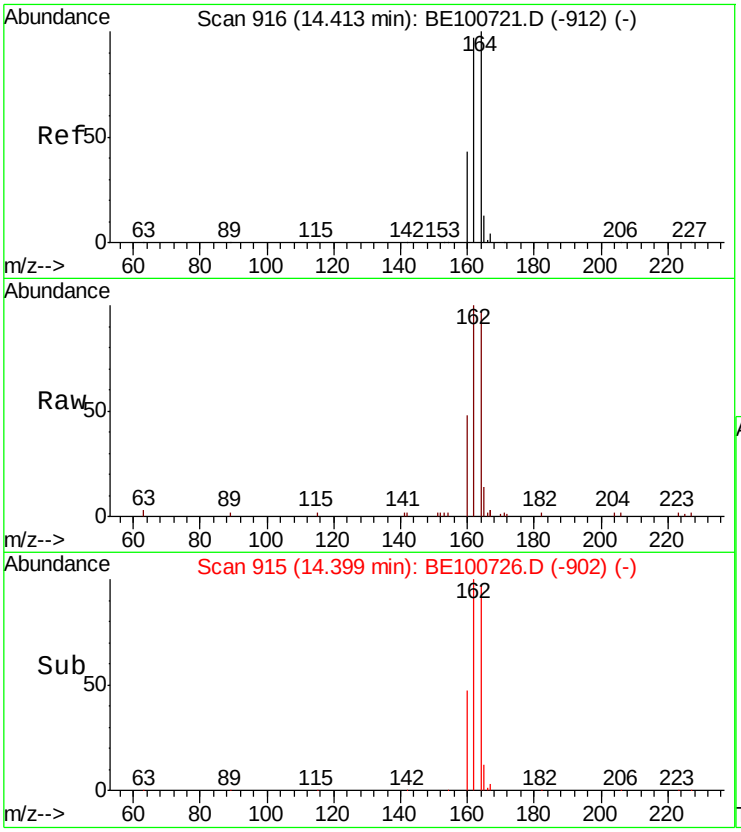


#12
2-Methylnaphthalene
Concen: 5.119 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:142 Resp: 74940

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.3	109.9
115	35.2	29.9	44.9



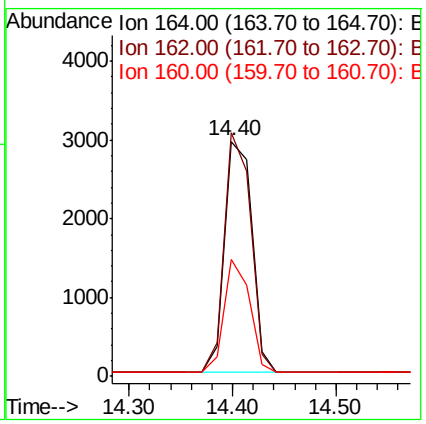


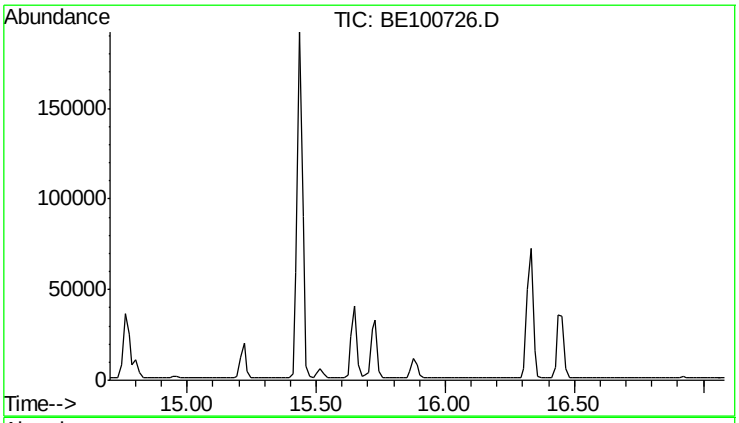
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 5403

Ion	Ratio	Lower	Upper
164	100		
162	103.6	77.8	116.8
160	49.6	35.3	52.9



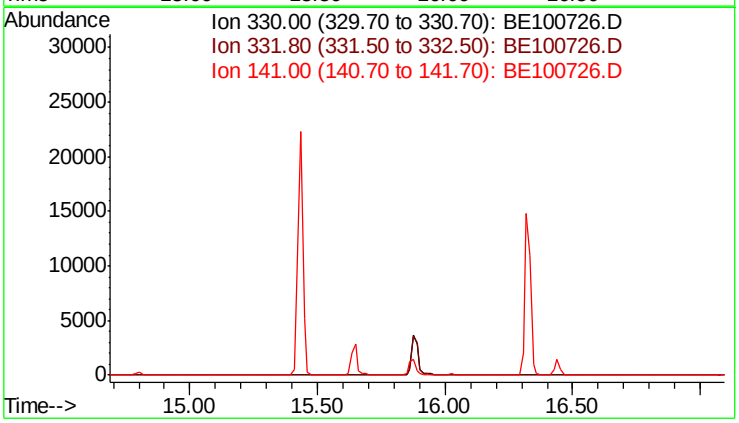


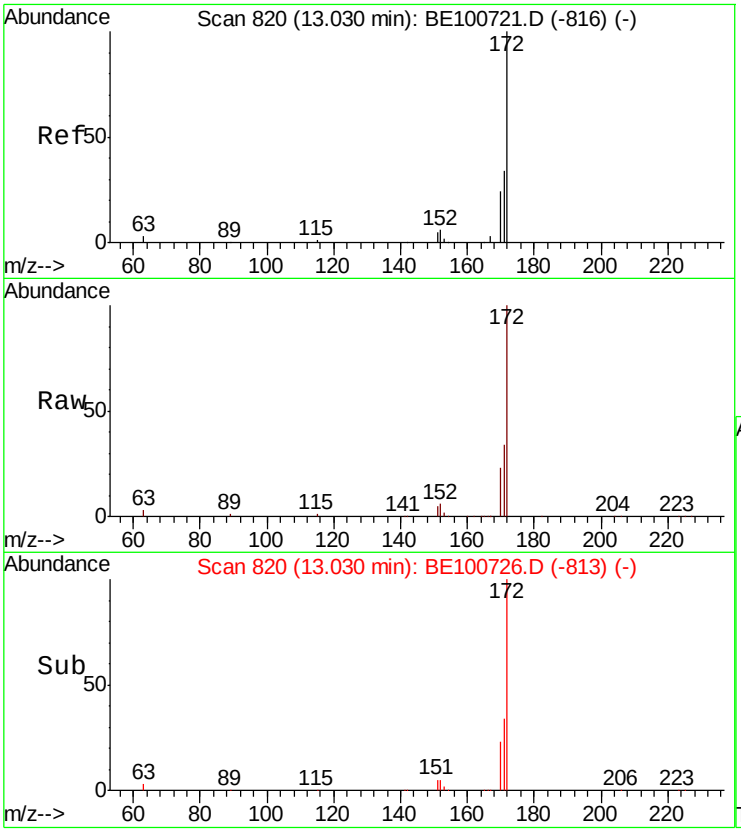
#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.89 min

Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	106.3
141	35.2



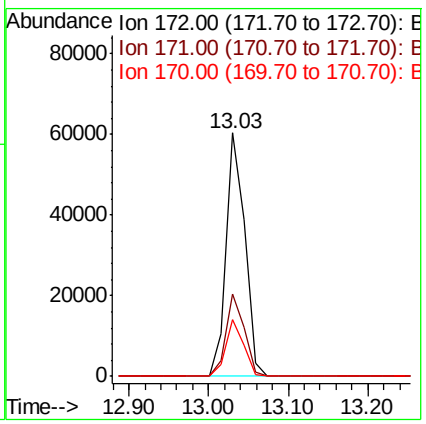


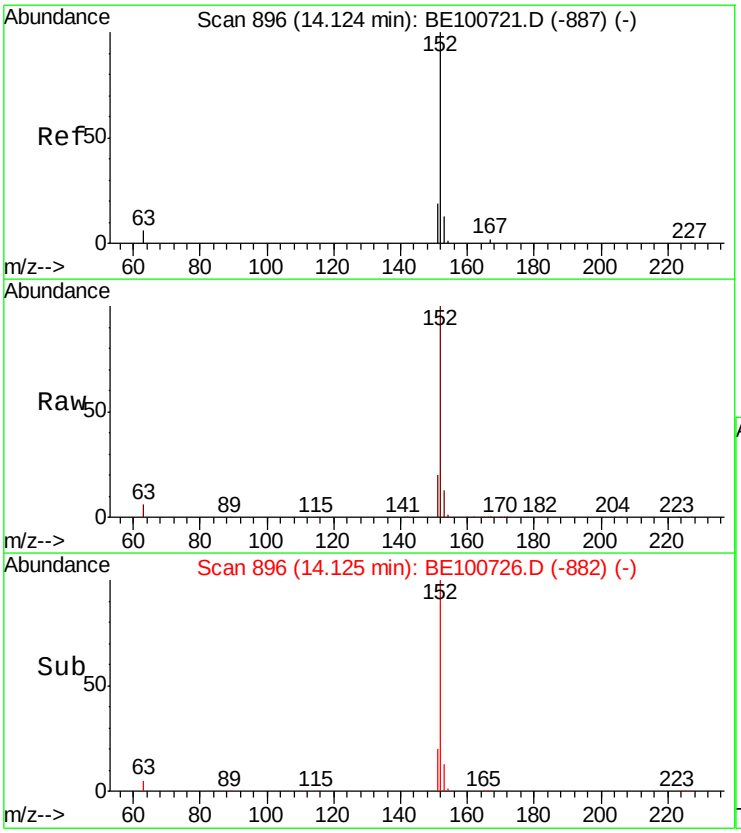
#15
2-Fluorobiphenyl
Concen: 4.983 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 98100

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.1	42.1
170	23.5	19.8	29.6

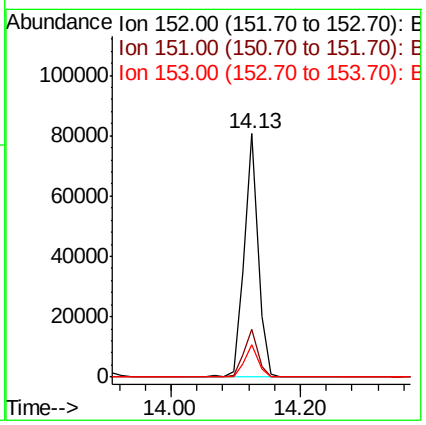


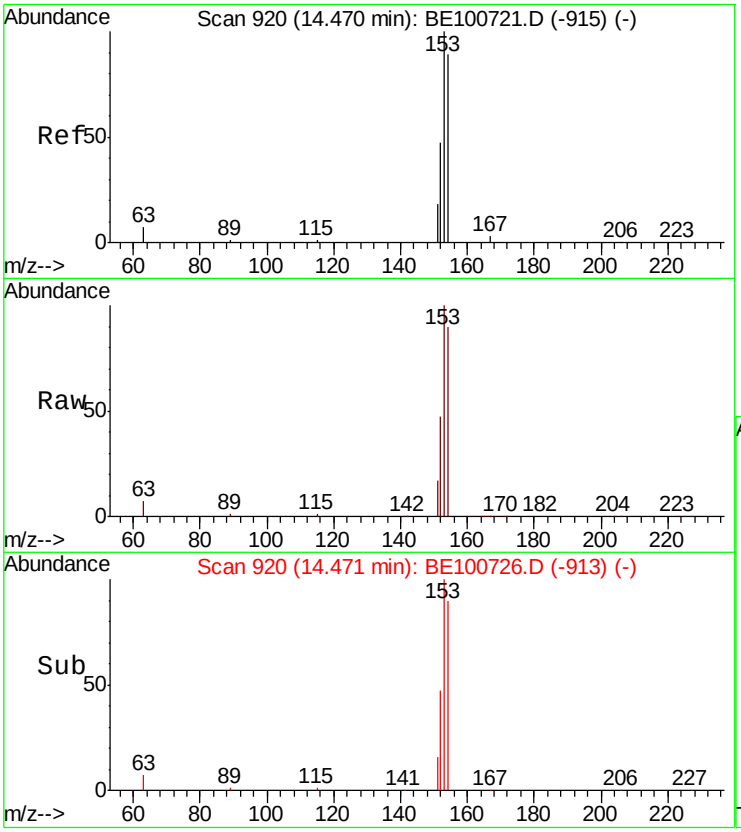


#16
Acenaphthylene
Concen: 5.180 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:152 Resp: 120432

Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.9	22.3
153	13.1	10.7	16.1



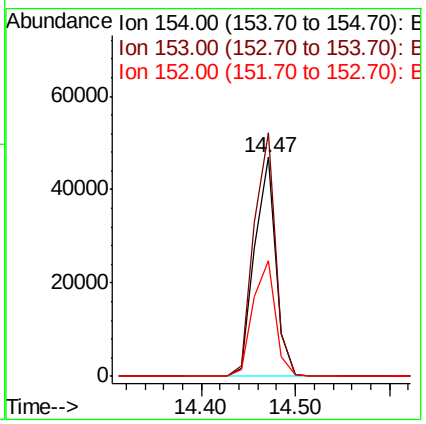


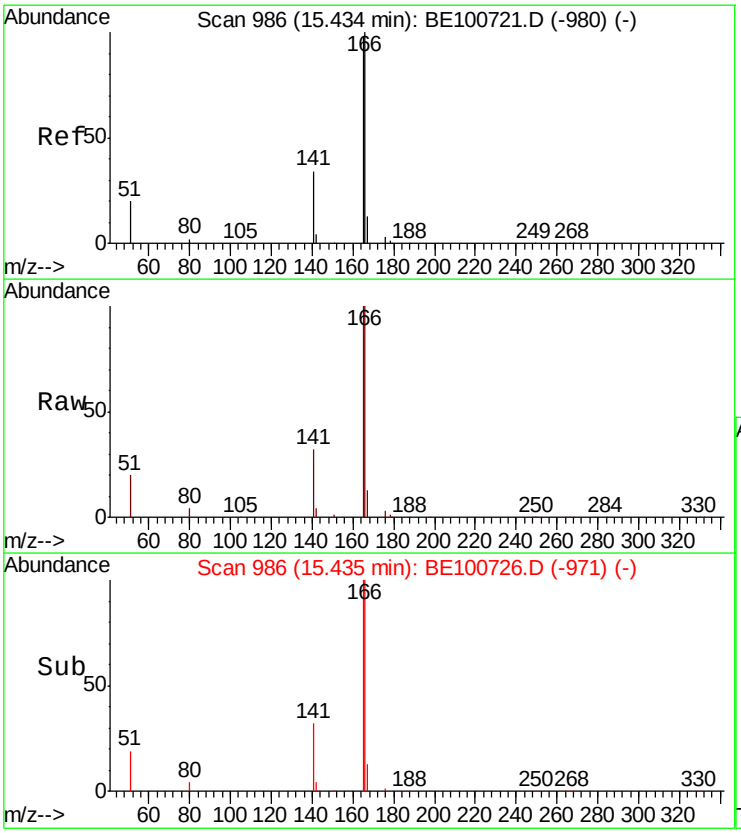
#17
Acenaphthene
Concen: 4.907 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 73729

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.9	137.9
152	55.3	44.8	67.2

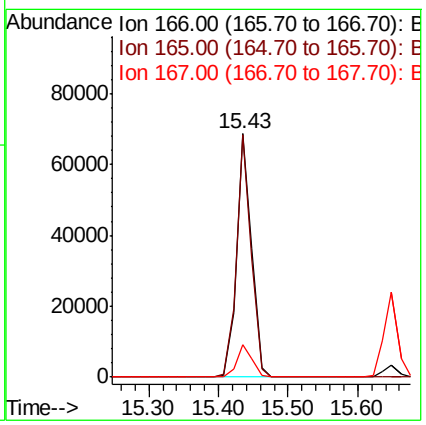


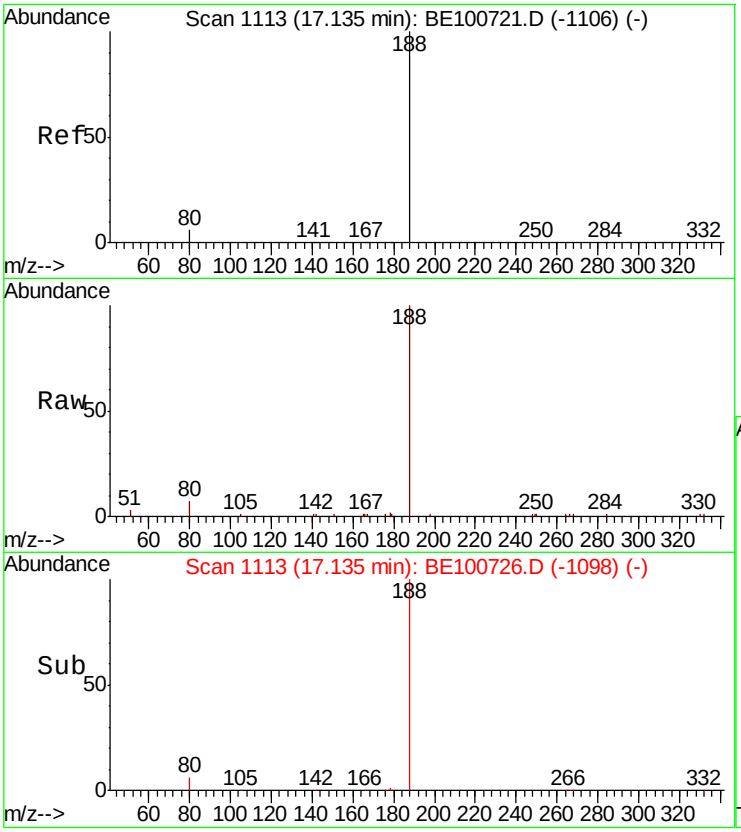


#18
Fluorene
Concen: 5.087 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:166 Resp: 101515

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.4	10.6	16.0



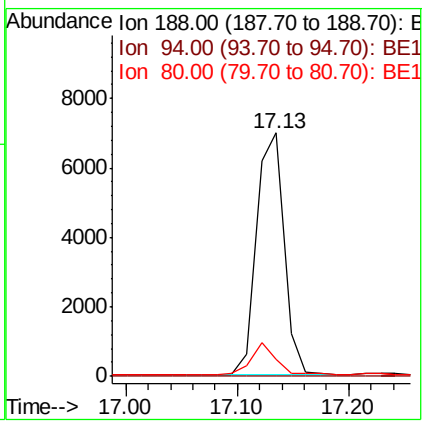


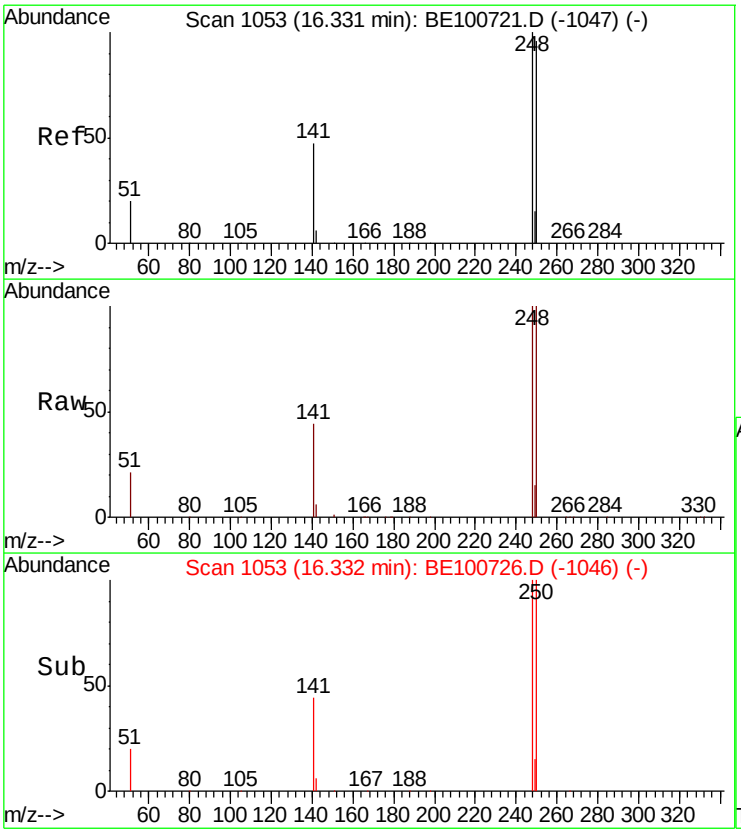
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 12113

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.4	8.0

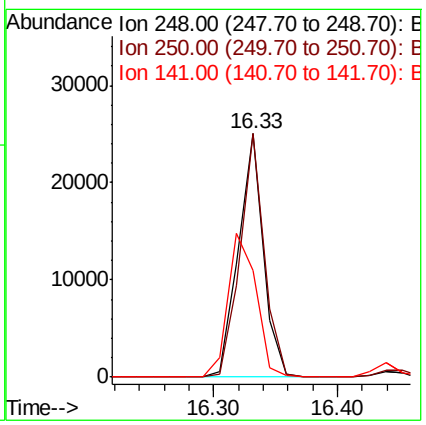


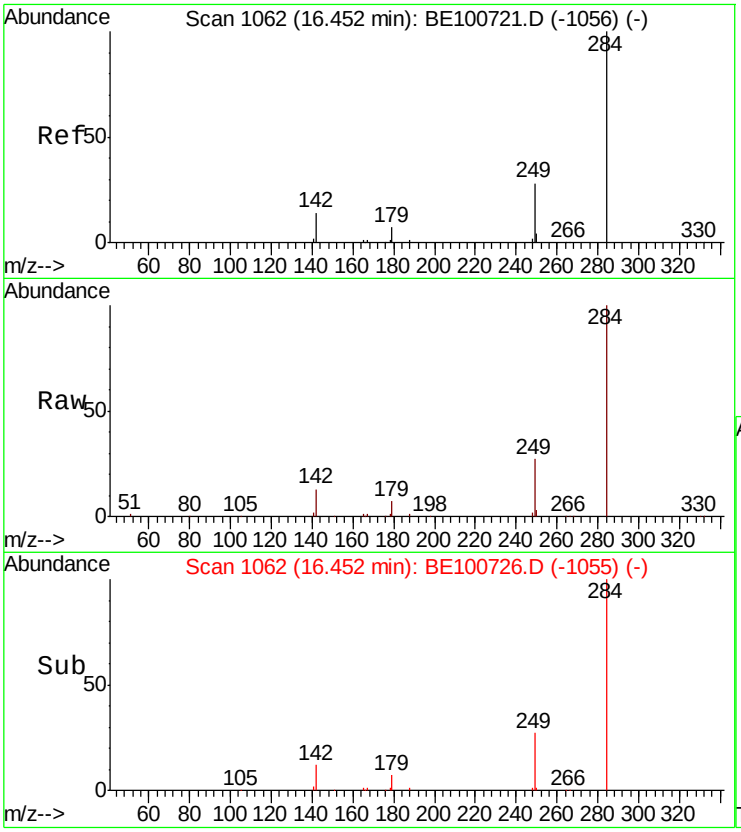


#20
4-Bromophenyl-phenylether
Concen: 5.623 ng
RT: 16.33 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:248 Resp: 34655

Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.1	115.7
141	43.7	38.6	58.0



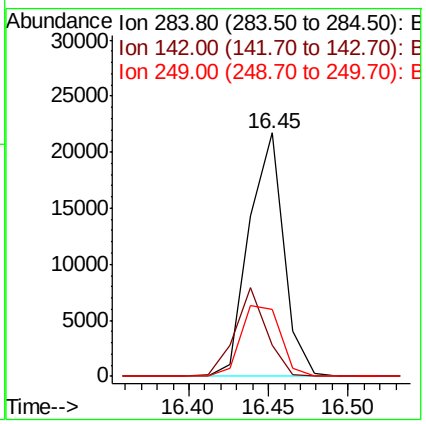


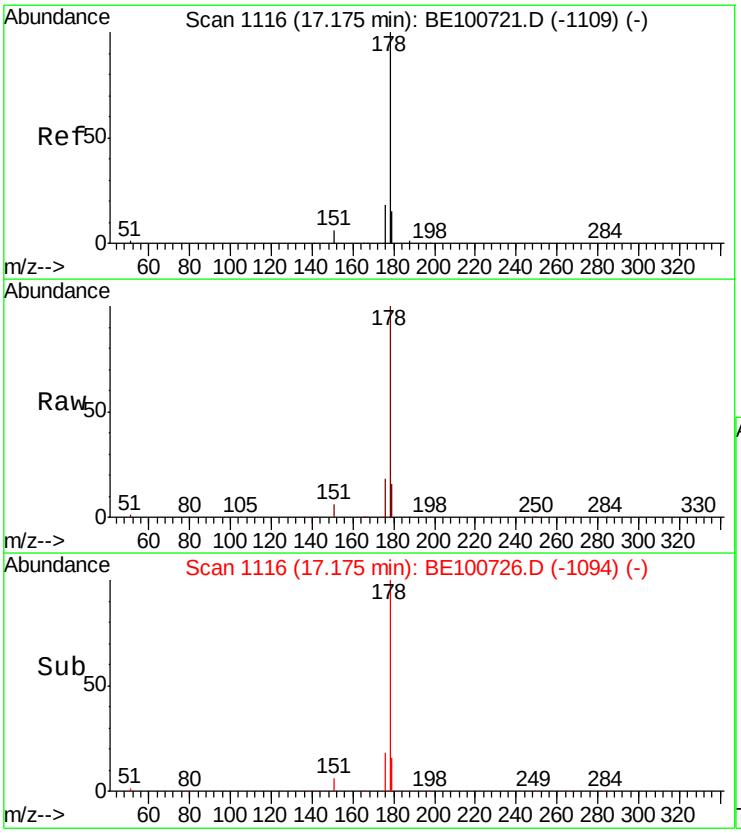
#21
Hexachlorobenzene
Concen: 5.634 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 33087

Ion	Ratio	Lower	Upper
284	100		
142	32.8	28.2	42.2
249	32.8	26.5	39.7

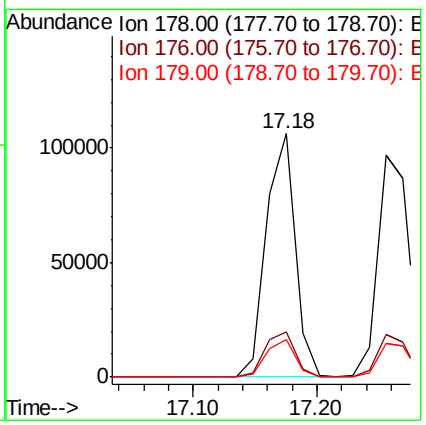


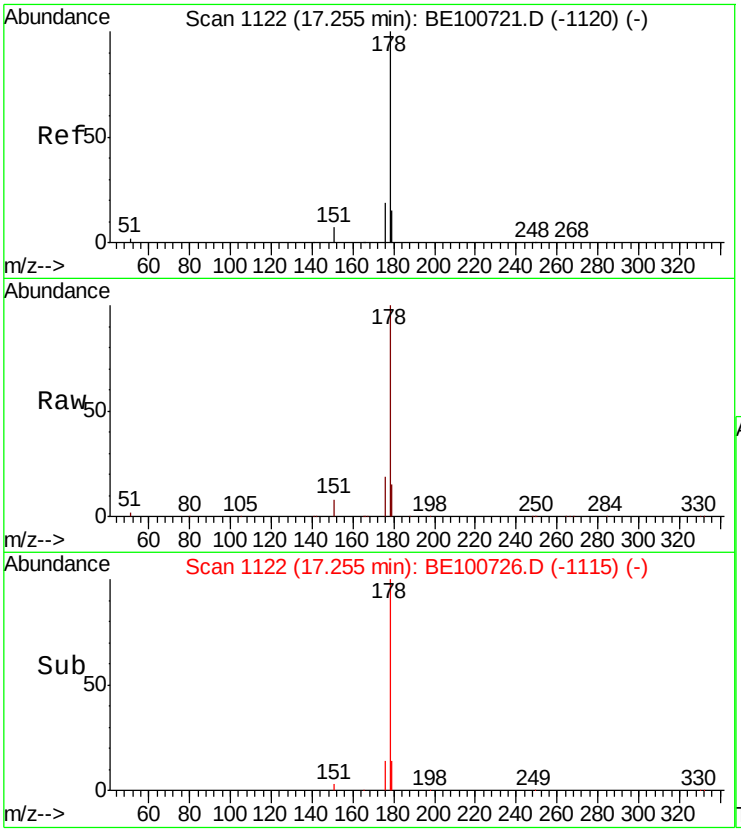


#23
Phenanthrene
Concen: 5.173 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:178 Resp: 172367

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.4	12.6	18.8



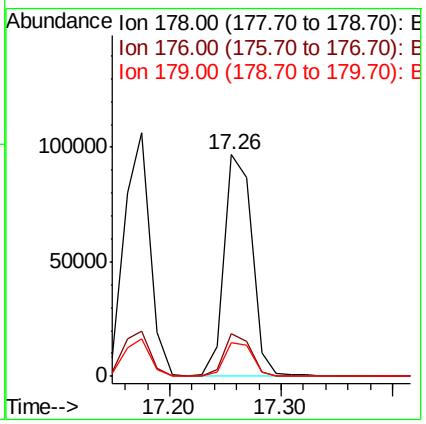


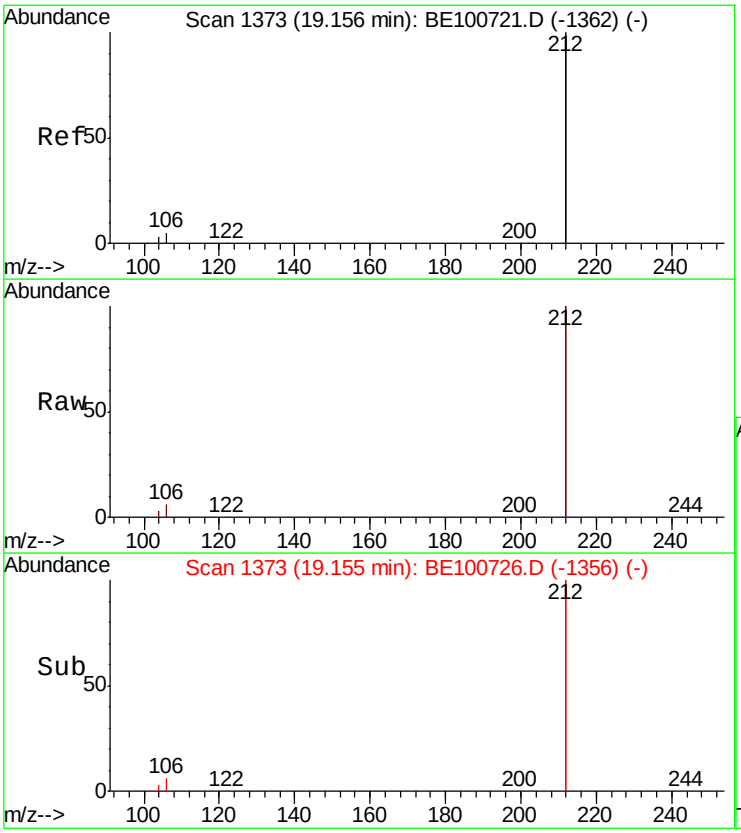
#24
Anthracene
Concen: 5.407 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 167153

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.4	12.6	18.8

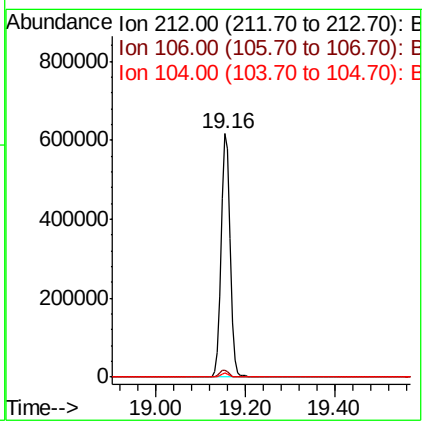


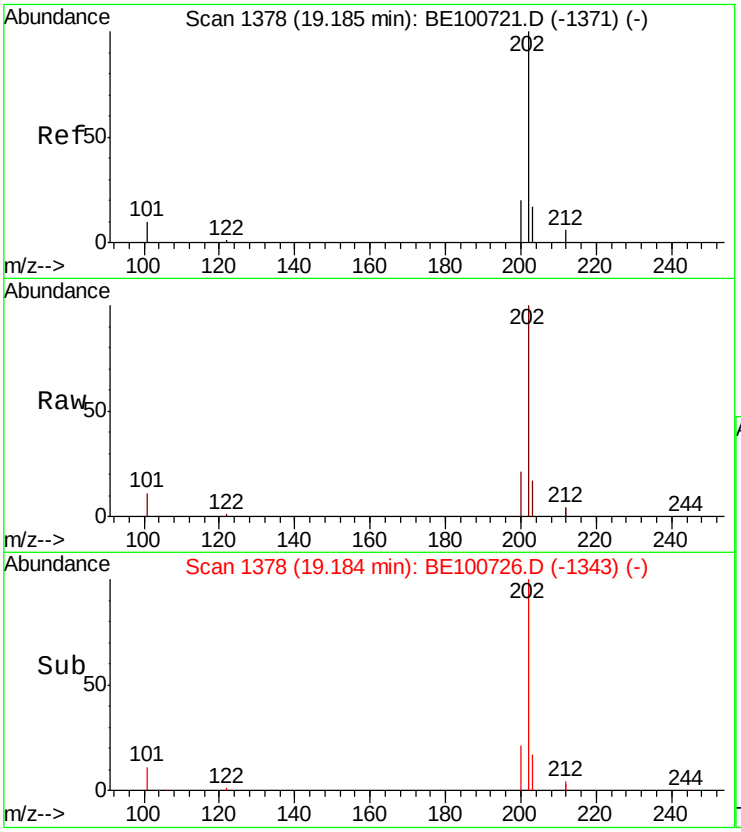


#25
Fluoranthene-d10
Concen: 5.516 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:212 Resp: 862192

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.6	1.2	1.8



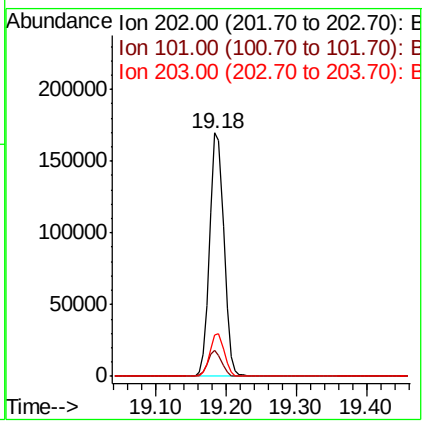


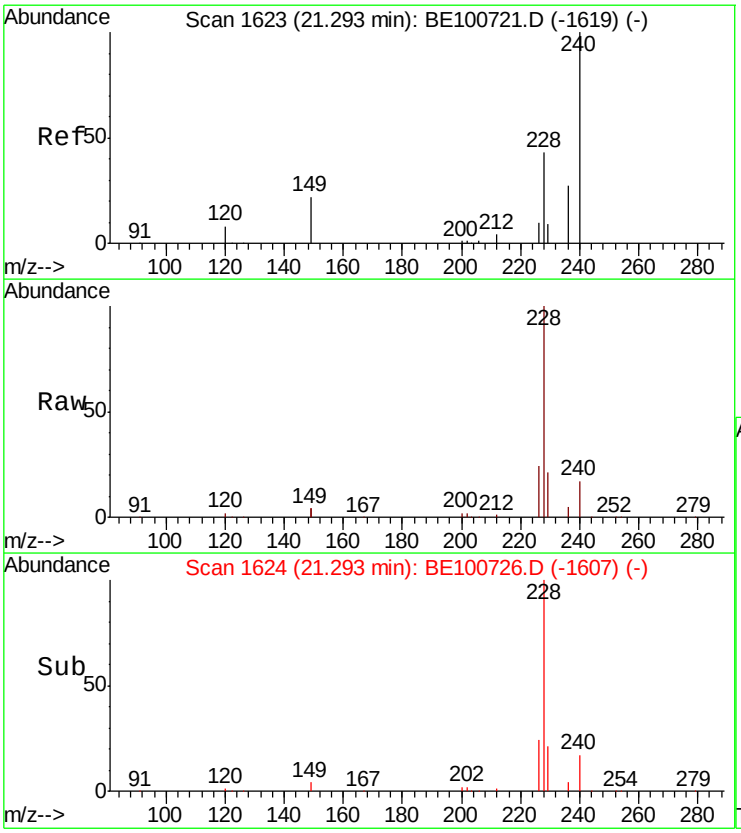
#26
Fluoranthene
Concen: 5.469 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 237818

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.6	12.8
203	17.5	13.6	20.4

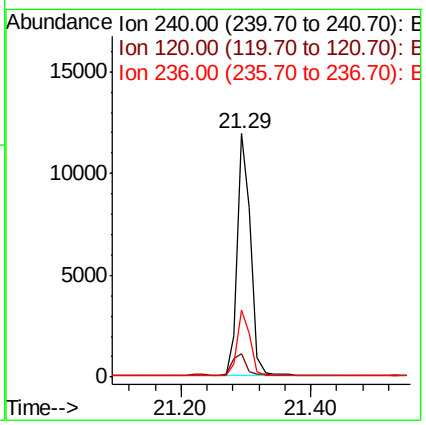


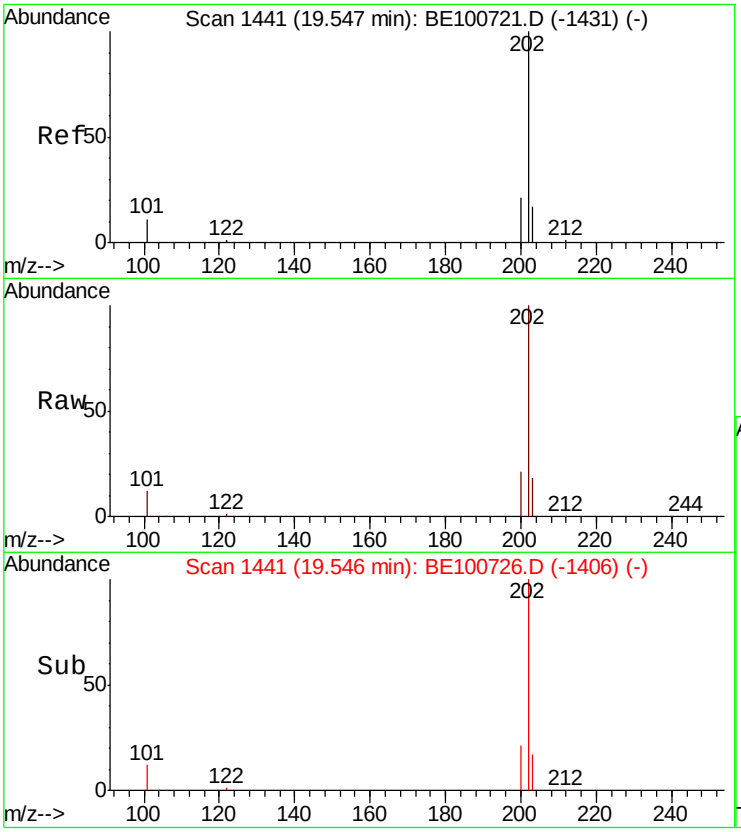


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:240 Resp: 17099

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.4	11.0
236	27.3	21.8	32.6



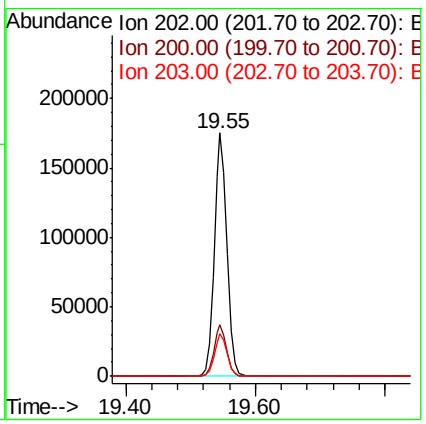


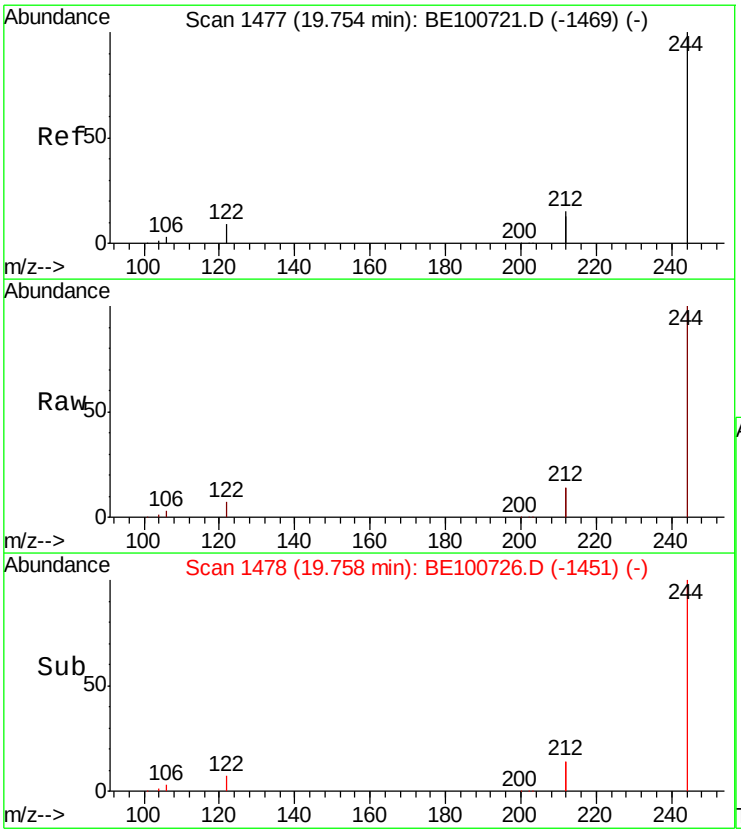
#28
Pyrene
Concen: 5.080 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 242661

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.0	21.0

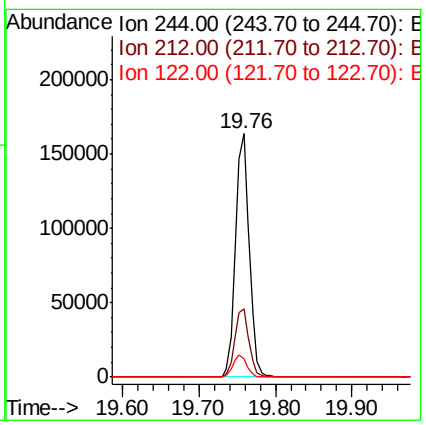


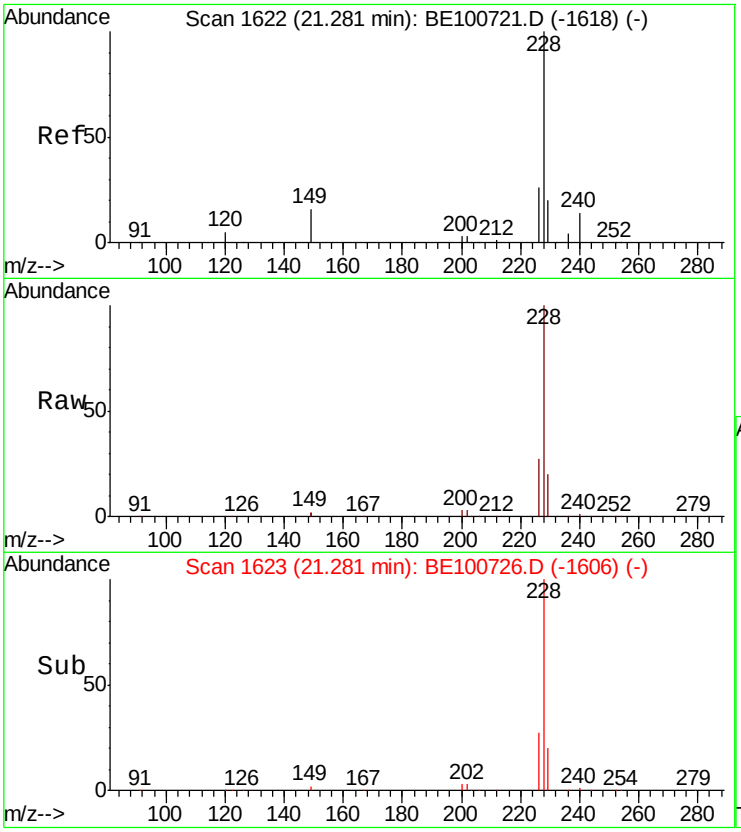


#29
Terphenyl-d14
Concen: 5.481 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:244 Resp: 204887

Ion	Ratio	Lower	Upper
244	100		
212	27.9	24.3	36.5
122	7.5	7.6	11.4#



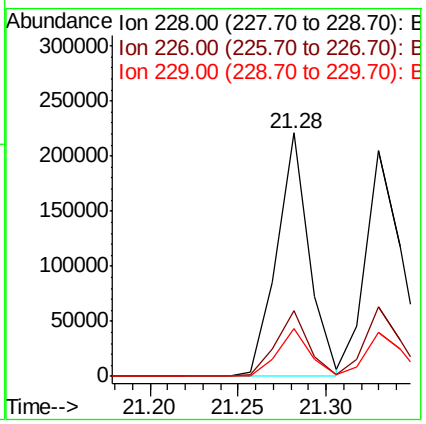


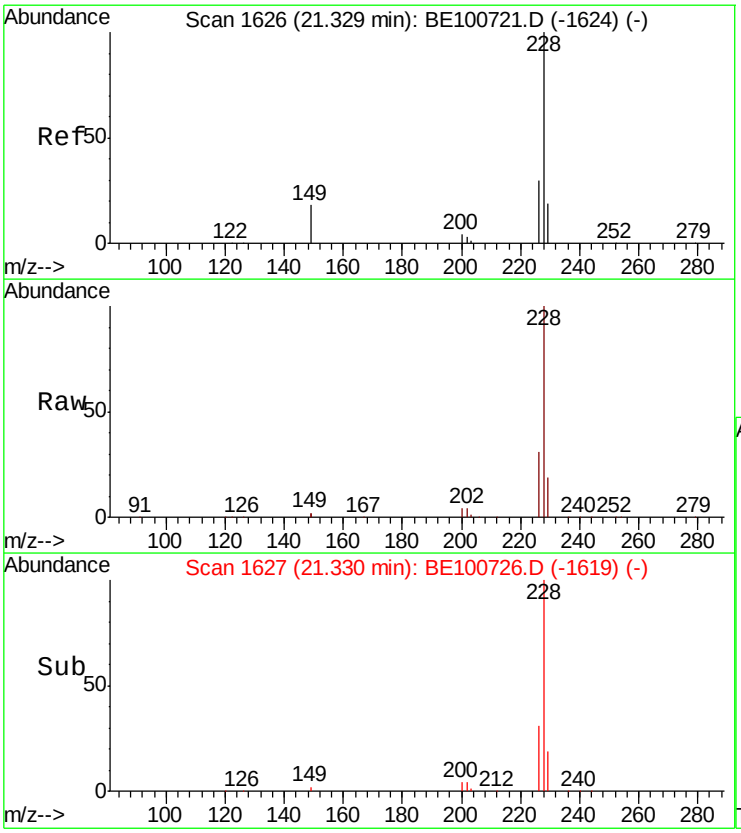
#30
Benzo(a)anthracene
Concen: 5.066 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 282597

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.1	31.7
229	19.9	15.9	23.9

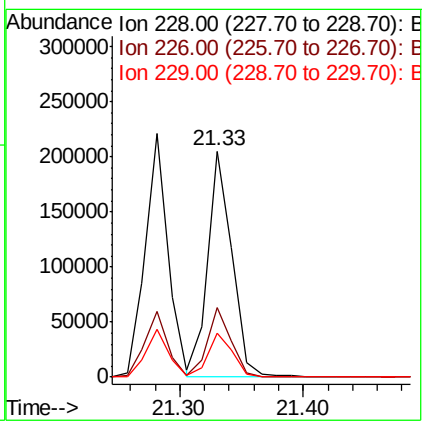


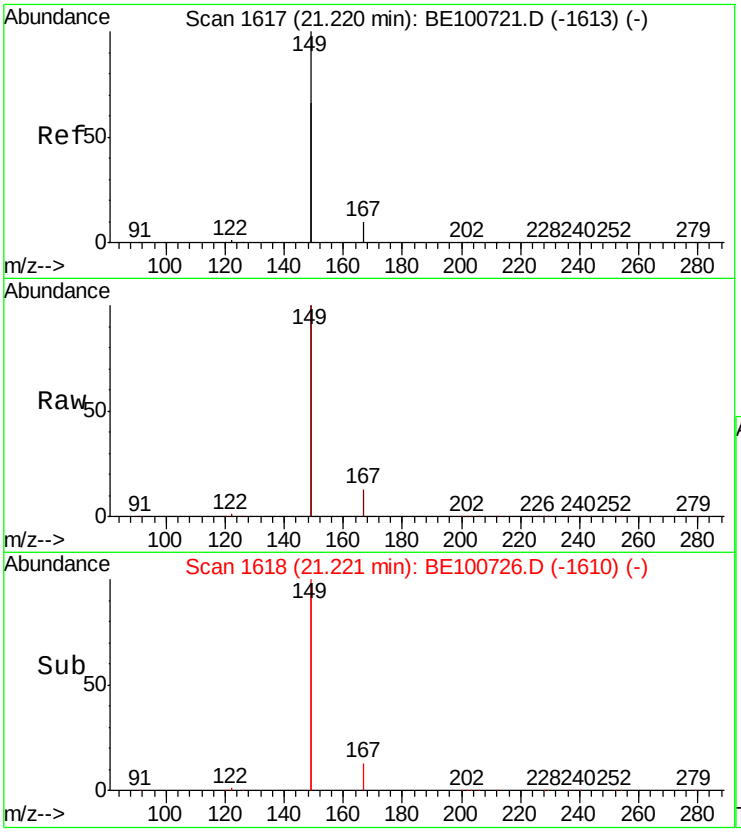


#31
Chrysene
Concen: 5.003 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:228 Resp: 278886

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.3	15.5	23.3



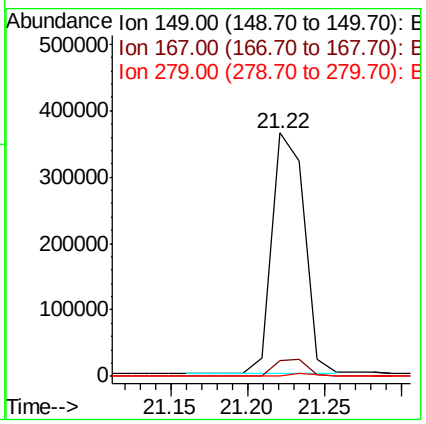


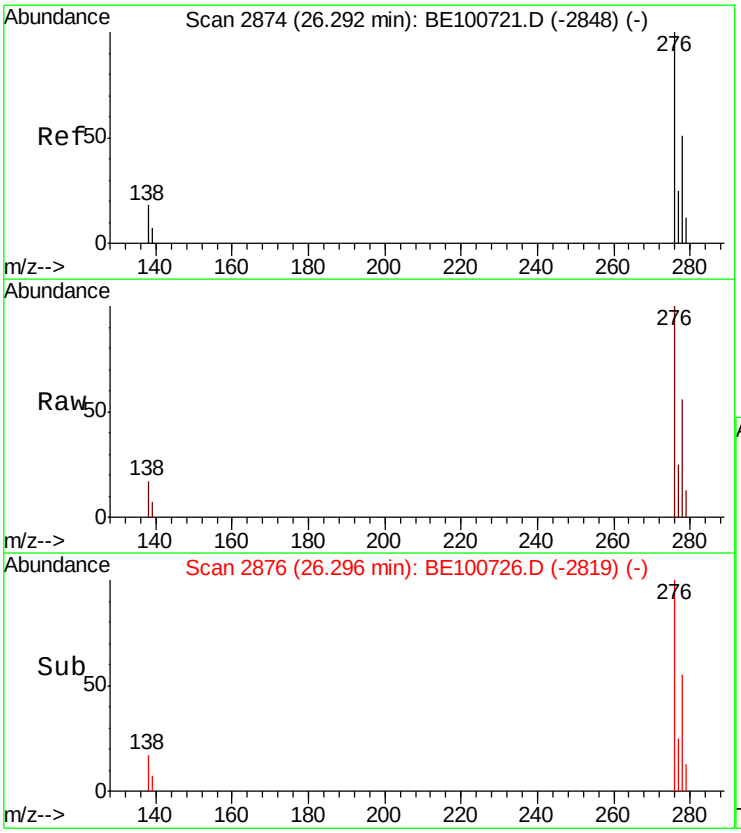
#32
Bis(2-ethylhexyl)phthalate
Concen: 4.544 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 530139

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.2	7.8
279	1.1	0.9	1.3

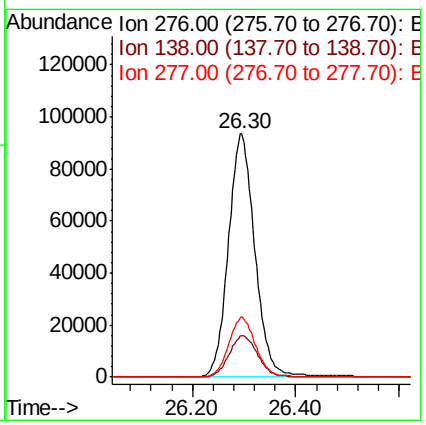


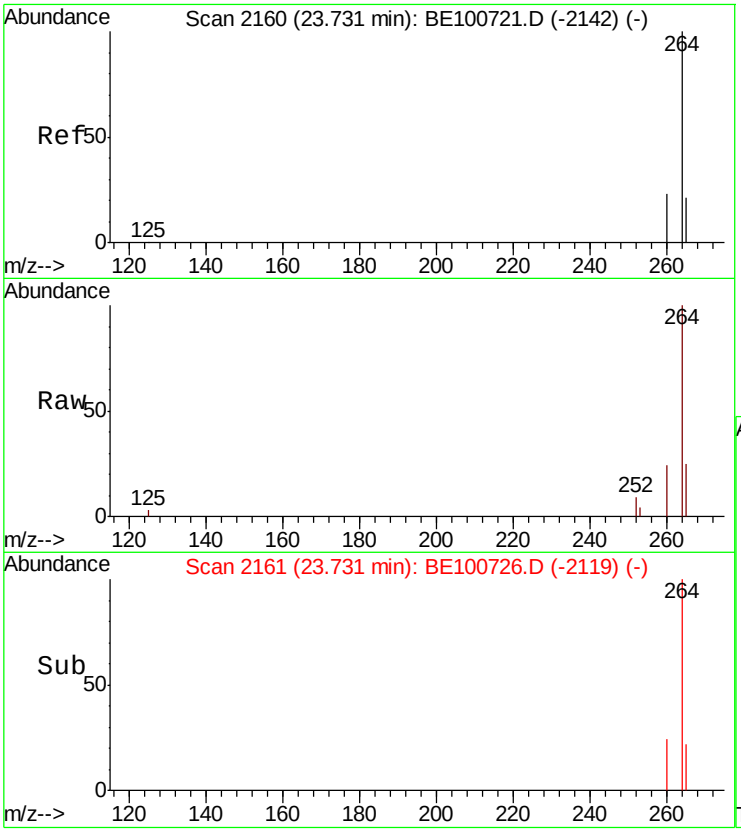


#33
Indeno(1,2,3-cd)pyrene
Concen: 4.853 ng
RT: 26.30 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:276 Resp: 332488

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.8	22.2
277	25.0	19.6	29.4



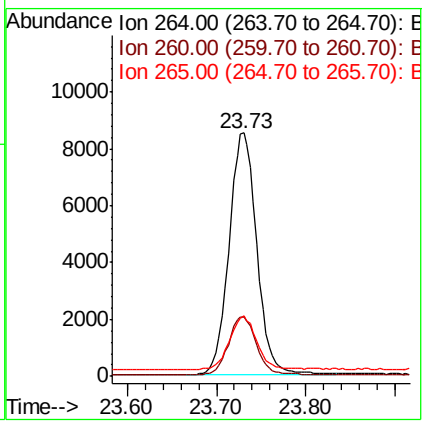


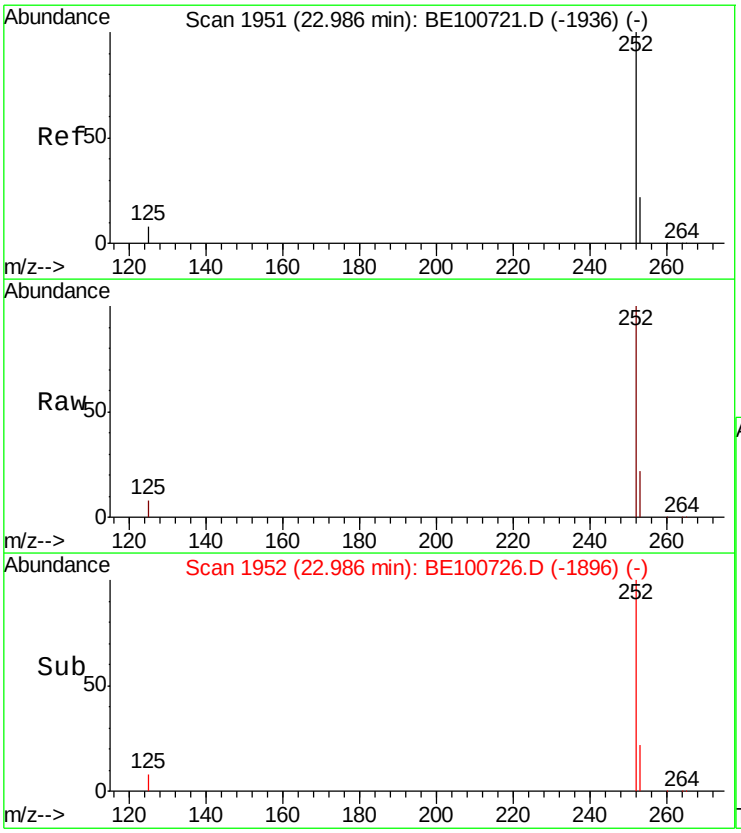
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 18413

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	24.6	19.7	29.5

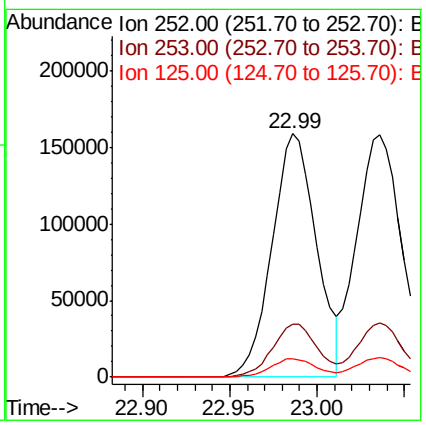


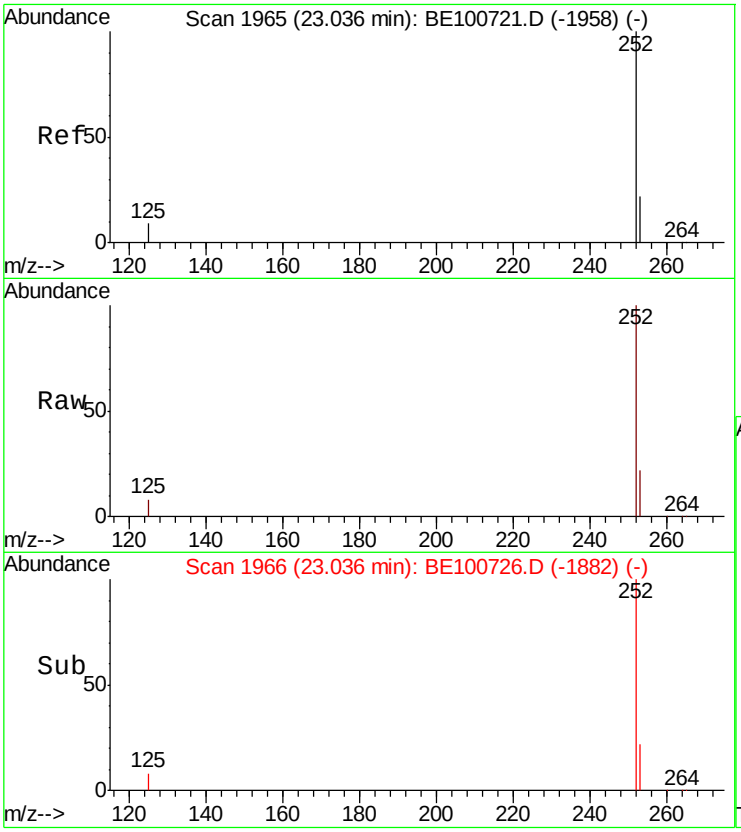


#35
Benzo(b)fluoranthene
Concen: 5.225 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:252 Resp: 280539

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	7.6	7.0	10.4



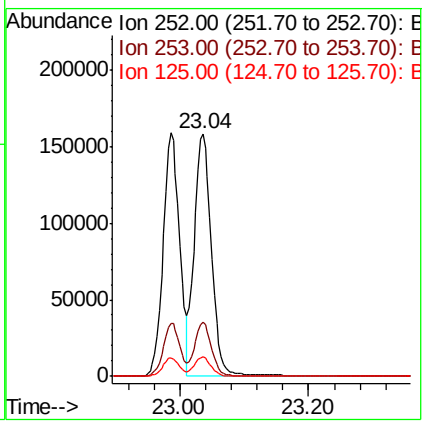


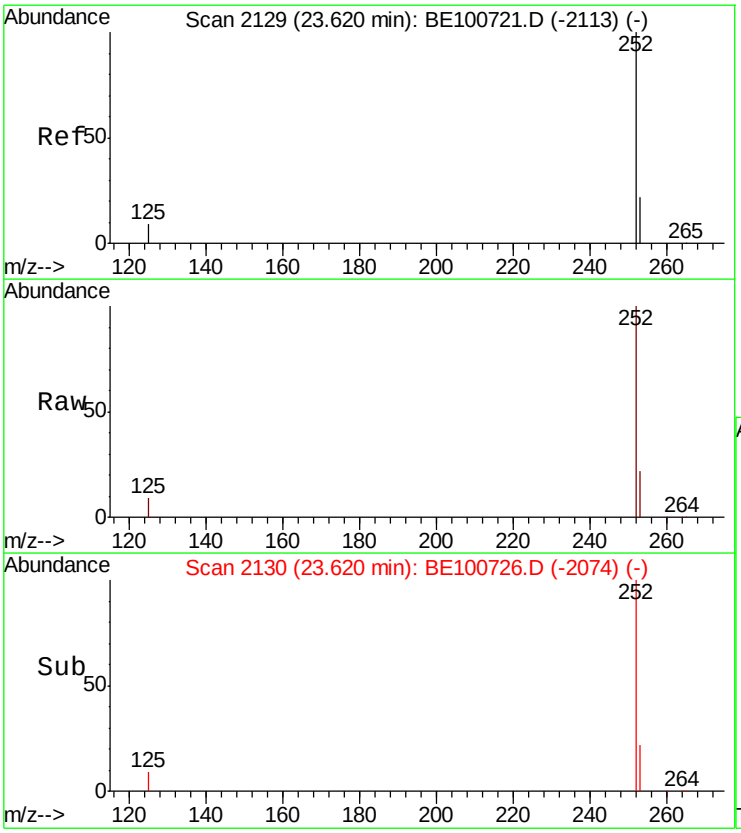
#36
Benzo(k)fluoranthene
Concen: 5.280 ng
RT: 23.04 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 291551

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	7.8	7.6	11.4

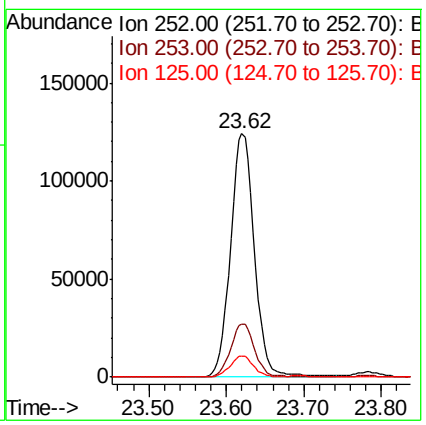


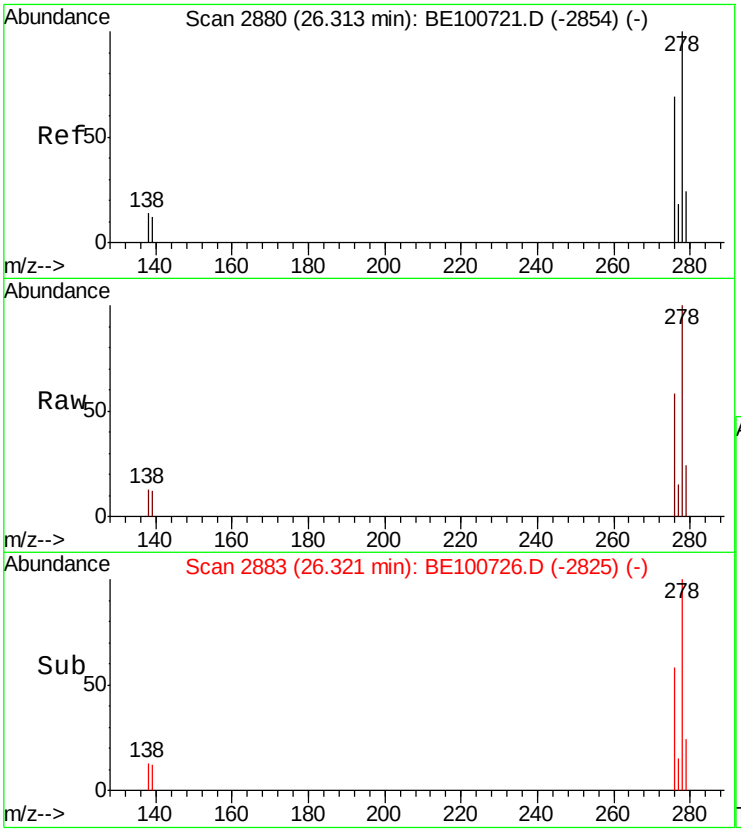


#37
Benzo(a)pyrene
Concen: 5.269 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:252 Resp: 263312

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	28.0
125	8.6	7.9	11.9



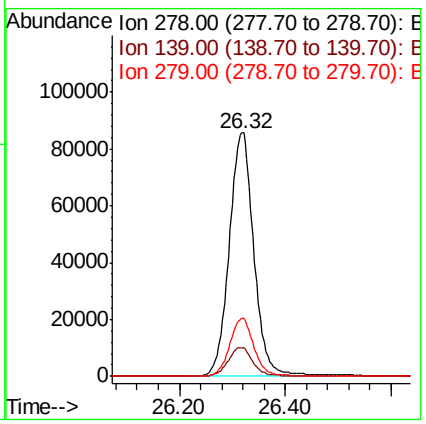


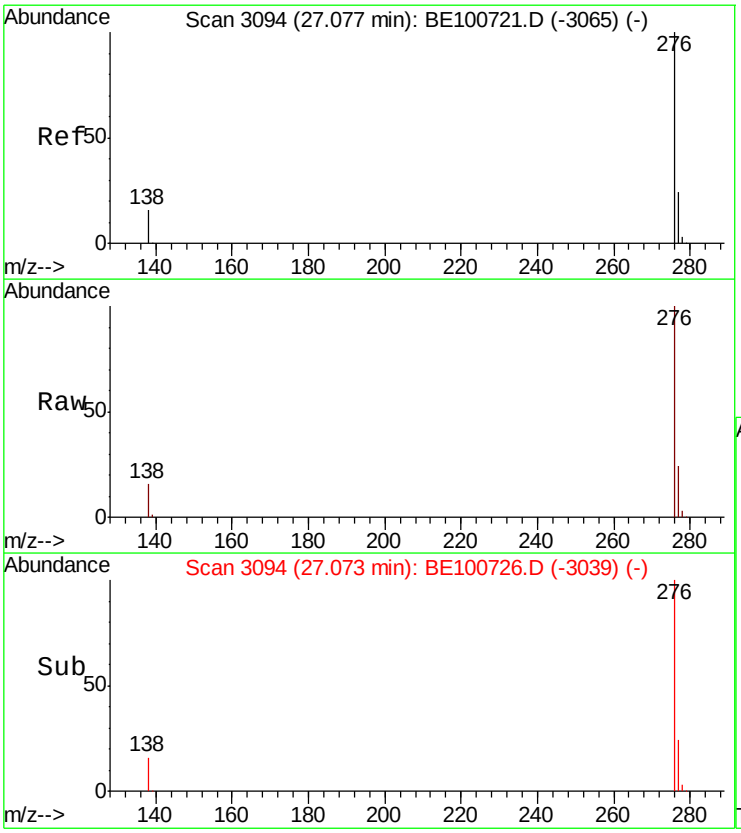
#38
Dibenzo(a,h)anthracene
Concen: 5.379 ng
RT: 26.32 min Scan# 2883
Delta R.T. 0.01 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 277862

Ion	Ratio	Lower	Upper
278	100		
139	11.7	10.3	15.5
279	23.7	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 5.144 ng
RT: 27.07 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:276 Resp: 267237

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.6
138	15.9	13.6	20.4