Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100650.D
Acq On : 15 Oct 2019 15:25
Operator : JU
Sample : K4994-06DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 15 16:28:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	4655	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	21353	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	13996	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	29130	0.40	ng		0.00
27) Chrysene-d12	21.38	240	31311	0.40	ng		0.01
34) Perylene-d12	23.86	264	35678	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	122	0.01	ng		0.01
5) Phenol-d6	7.02	99	218	0.01	ng		0.01
8) Nitrobenzene-d5	9.00	82	185	0.01	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	317	0.01	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	100	0.03	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	401	0.01	ng		0.00
25) Fluoranthene-d10	19.23	212	2618	0.01	ng		0.00
29) Terphenyl-d14	19.83	244	1084	0.02	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	30718	0.137	ng		99
12) 2-Methylnaphthalene	12.31	142	6879	0.180	ng		97
16) Acenaphthylene	14.20	152	33579	0.558	ng		99
17) Acenaphthene	14.54	154	9832	0.253	ng		97
18) Fluorene	15.52	166	24489	0.474	ng	#	89
23) Phenanthrene	17.24	178	560018	6.989	ng		100
24) Anthracene	17.34	178	67788	0.912	ng		97
26) Fluoranthene	19.26	202	725752	6.940	ng		98
28) Pyrene	19.62	202	998360	11.413	ng	#	95
30) Benzo(a)anthracene	21.35	228	445966	4.366	ng		94
31) Chrysene	21.41	228	487818	4.779	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	5101	0.024	ng	#	67
33) Indeno(1,2,3-cd)pyrene	26.48	276	214902	1.713	ng		97
35) Benzo(b)fluoranthene	23.10	252	447389	4.300	ng		99
36) Benzo(k)fluoranthene	23.10	252	447389	4.181	ng		99
37) Benzo(a)pyrene	23.74	252	366059	3.780	ng		99
38) Dibenzo(a,h)anthracene	26.50	278	62749	0.627	ng	#	86
39) Benzo(g,h,i)perylene	27.29	276	238161	2.366	ng		98

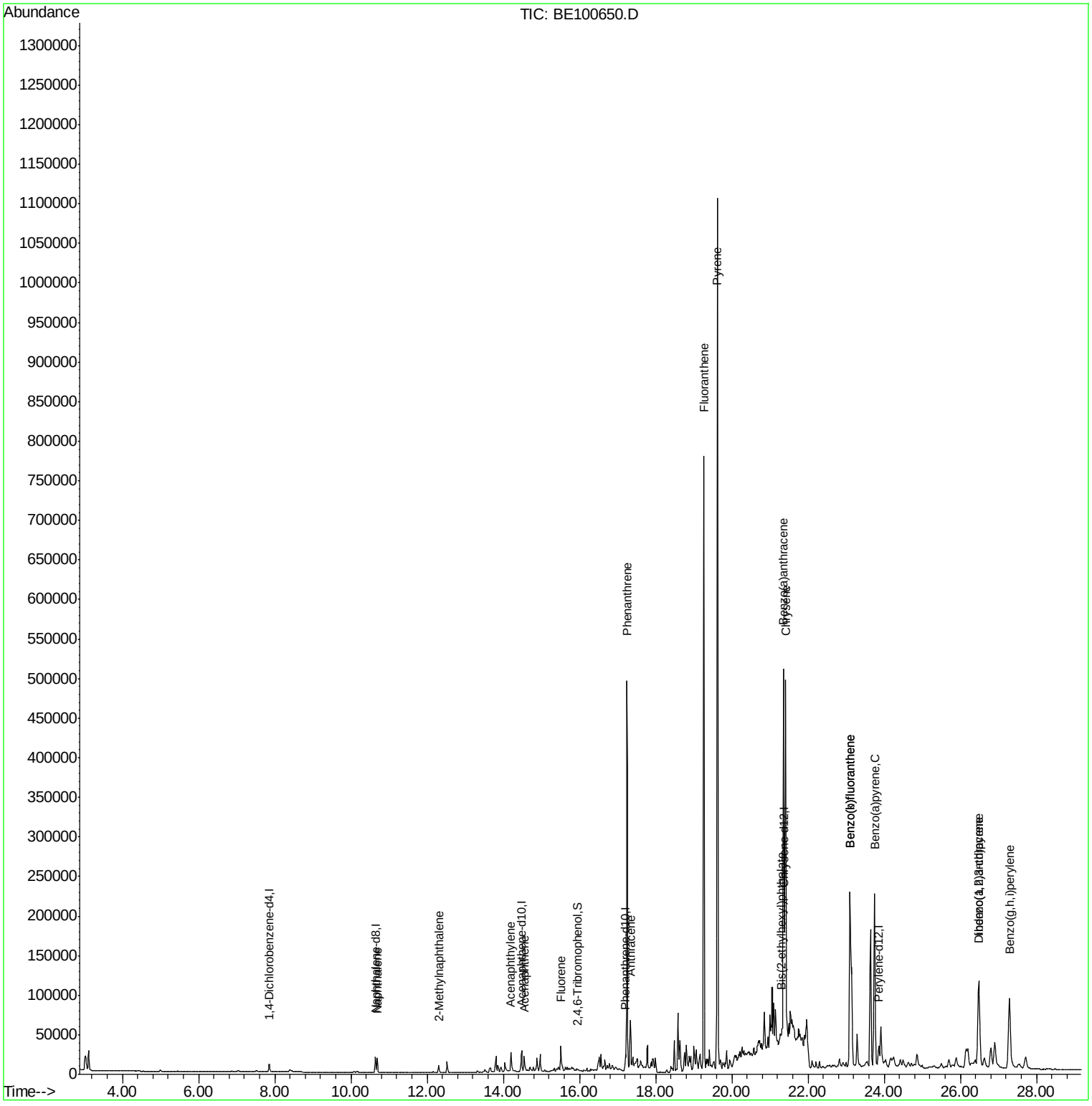
(#) = qualifier out of range (m) = manual integration (+) = signals summed

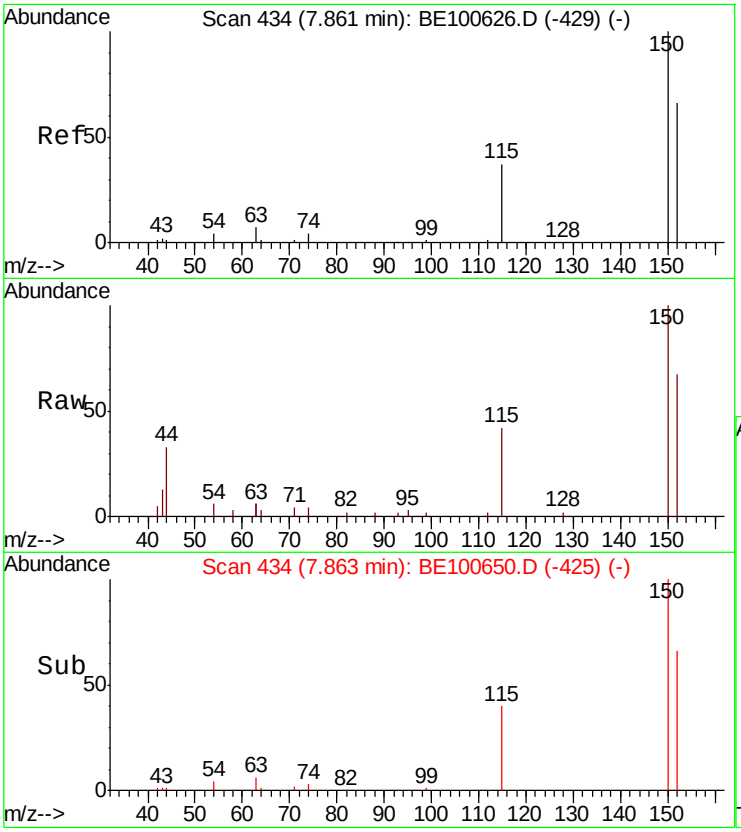
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100650.D
Acq On : 15 Oct 2019 15:25
Operator : JU
Sample : K4994-06DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 15 16:28:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration



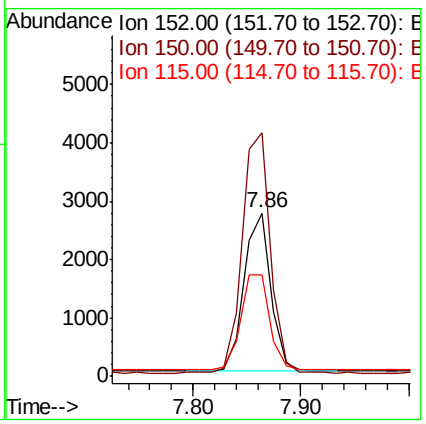


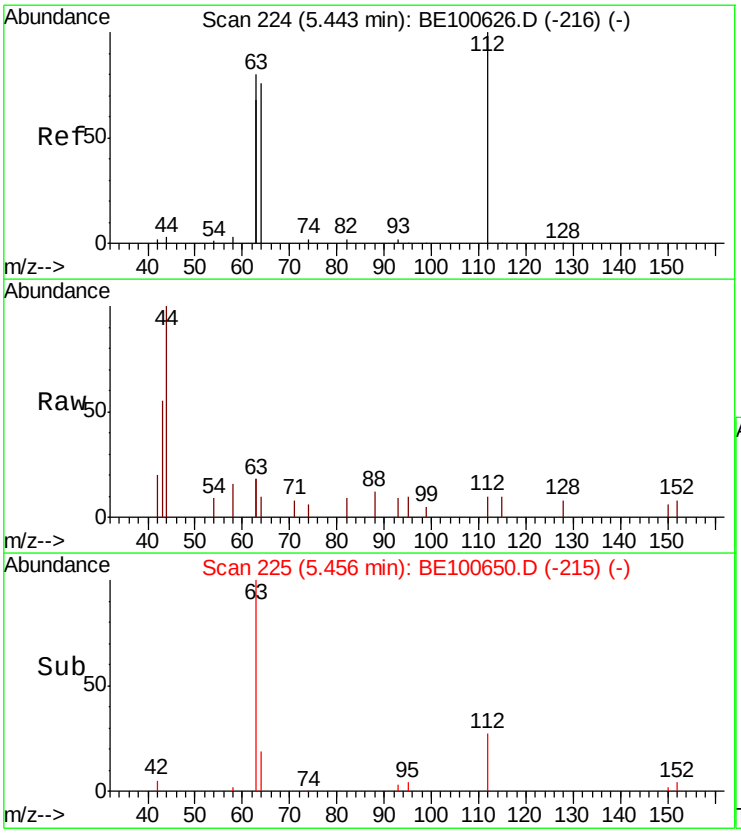
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4655

Ion	Ratio	Lower	Upper
152	100		
150	149.2	120.7	181.1
115	62.5	48.0	72.0

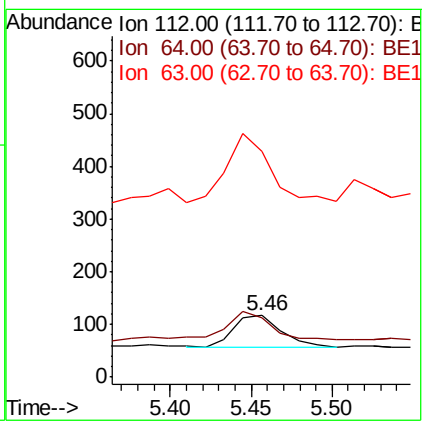


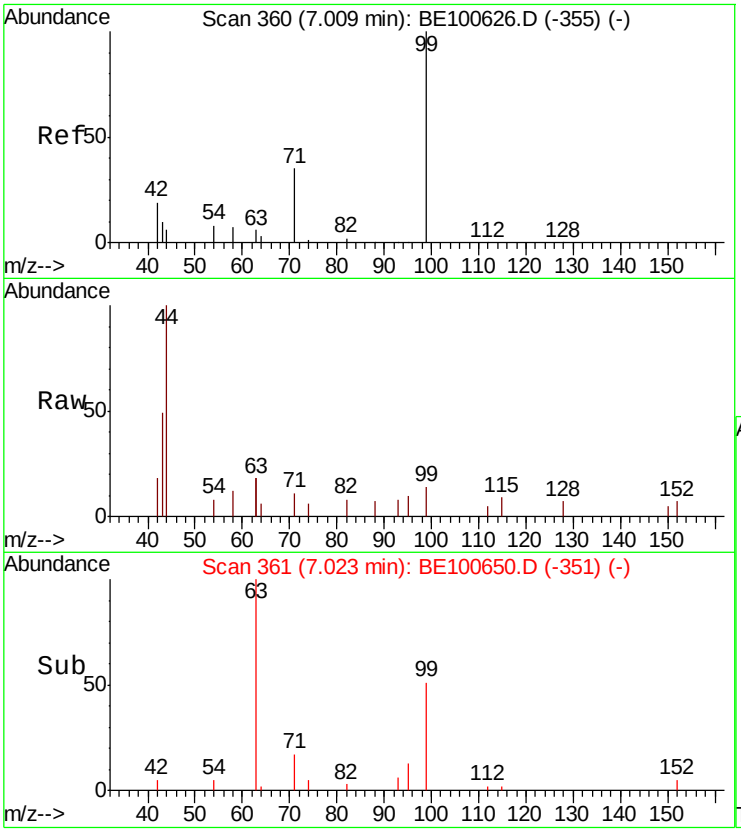


#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:112 Resp: 122

Ion	Ratio	Lower	Upper
112	100		
64	98.4	58.9	88.3#
63	198.4	118.3	177.5#



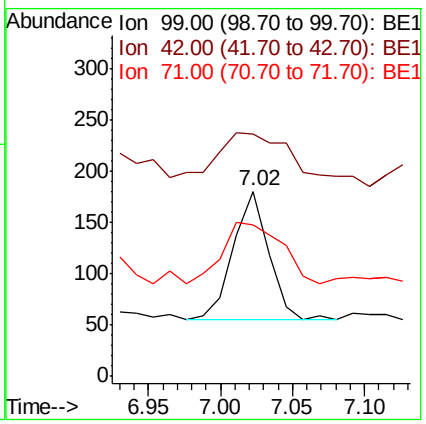


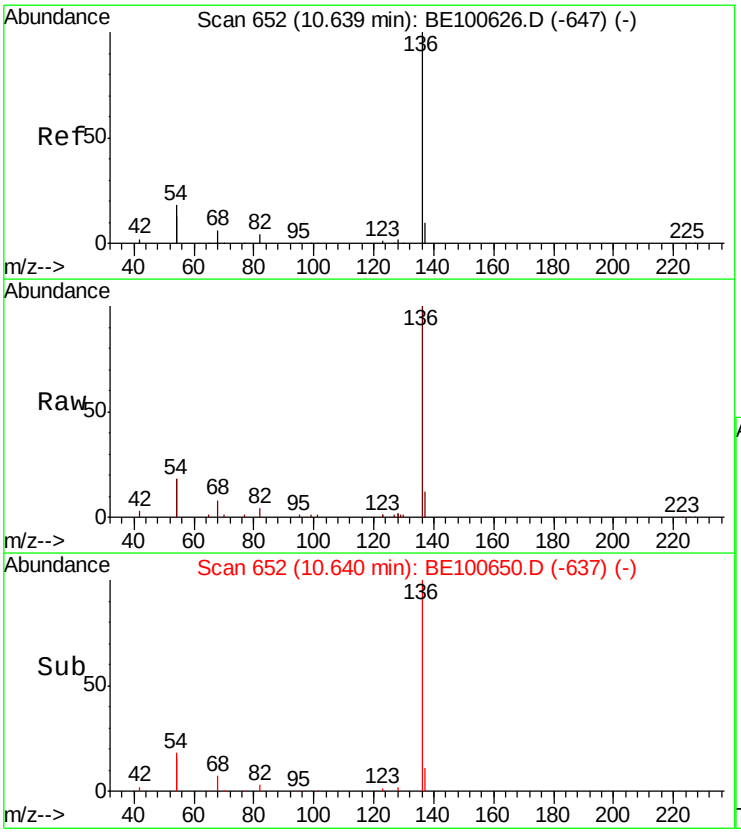
#5
Phenol-d6
Concen: 0.011 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 218

Ion	Ratio	Lower	Upper
99	100		
42	86.2	19.4	29.2#
71	80.3	26.9	40.3#

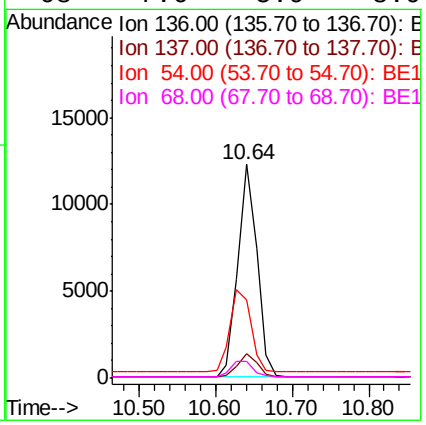


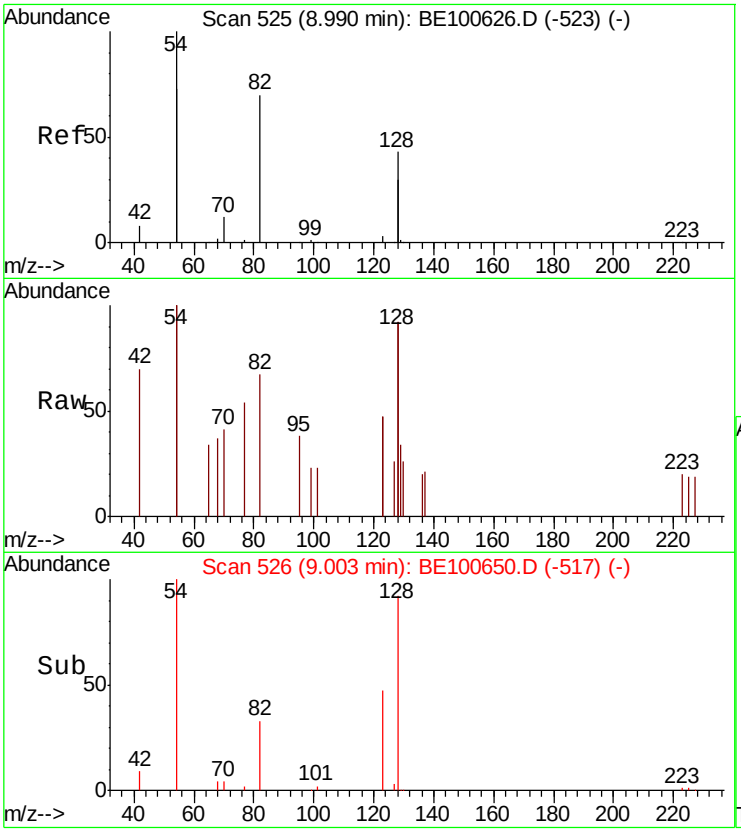


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:136 Resp: 21353

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	36.6	28.7	43.1
68	7.6	5.9	8.9



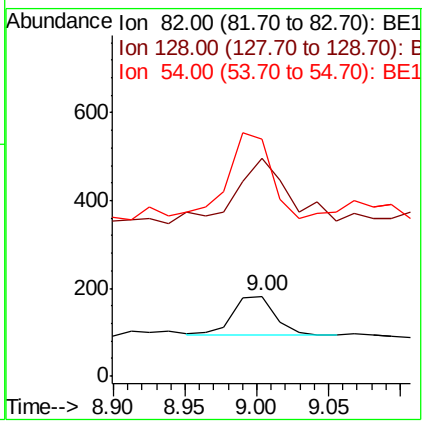


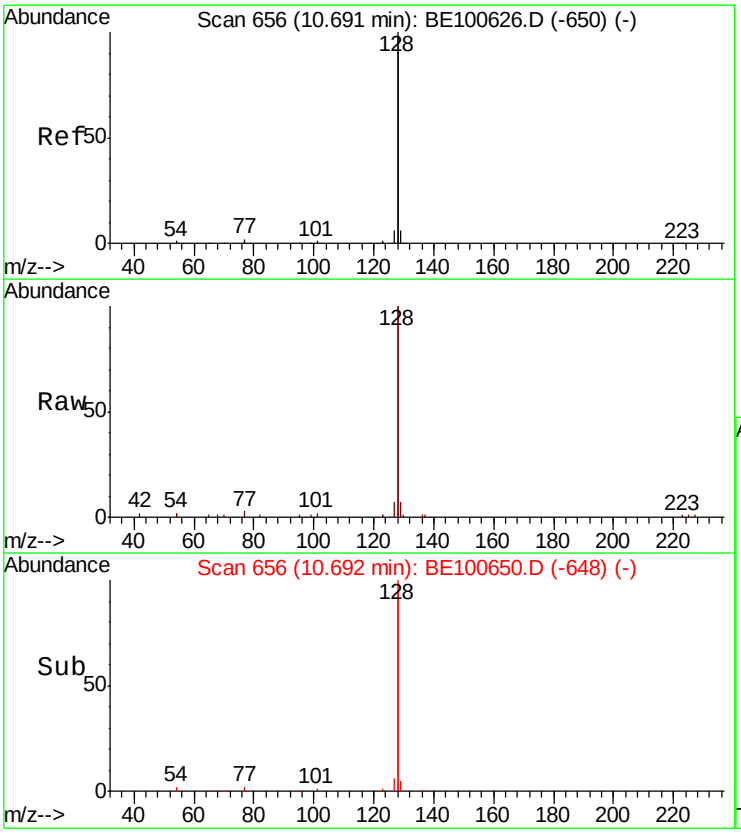
#8
Nitrobenzene-d5
Concen: 0.014 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 185

Ion	Ratio	Lower	Upper
82	100		
128	272.5	90.7	136.1#
54	296.7	210.9	316.3

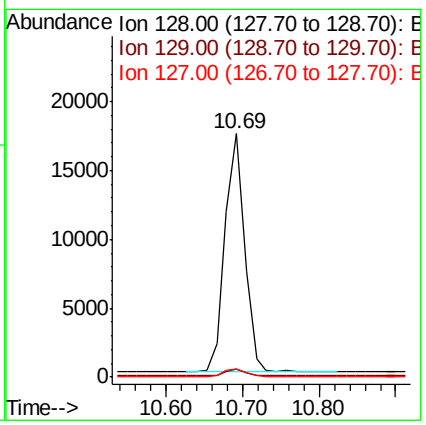


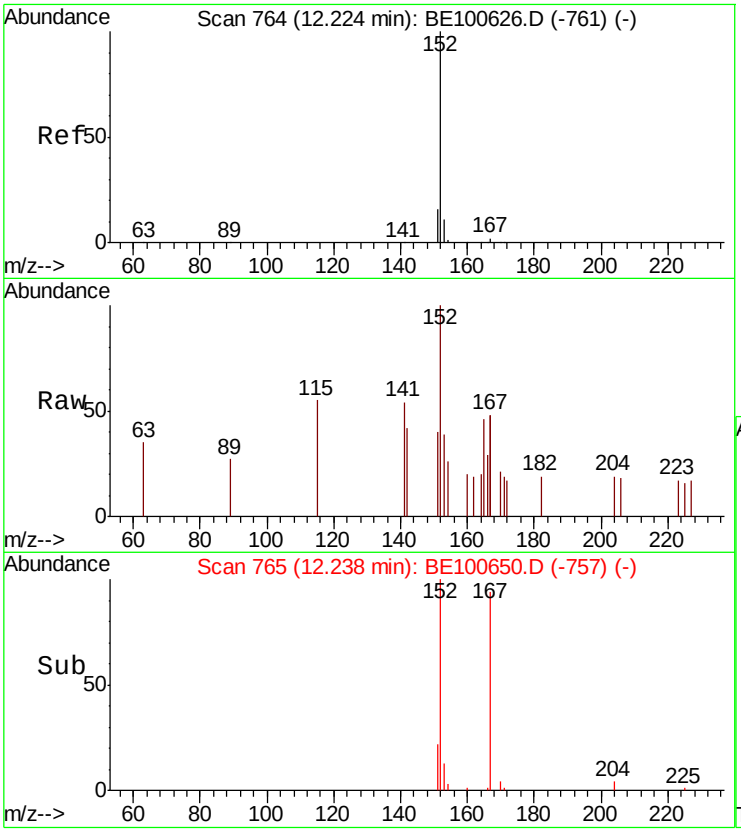


#9
Naphthalene
Concen: 0.137 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:128 Resp: 30718

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.4	3.6
127	3.4	2.6	3.8



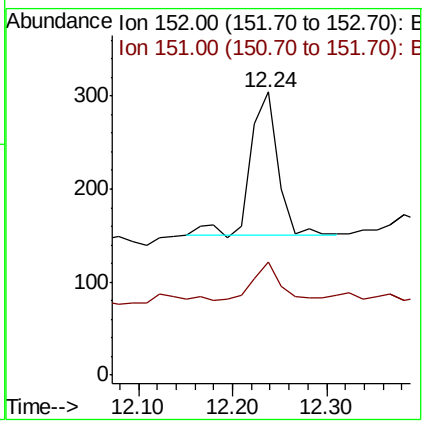


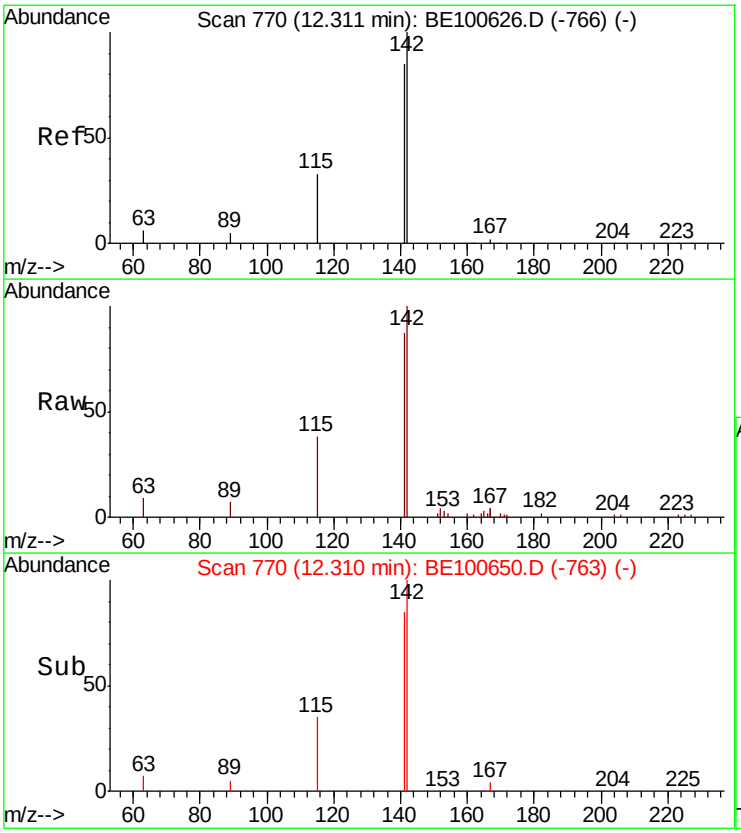
#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 317

Ion	Ratio	Lower	Upper
152	100		
151	24.9	15.2	22.8#

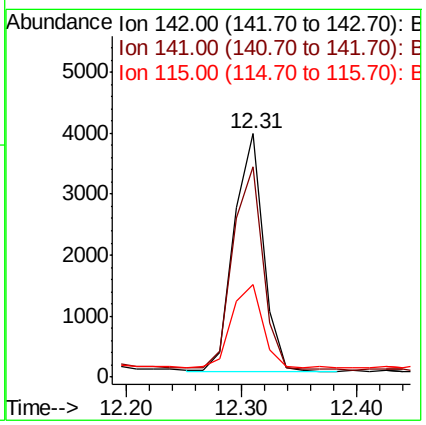


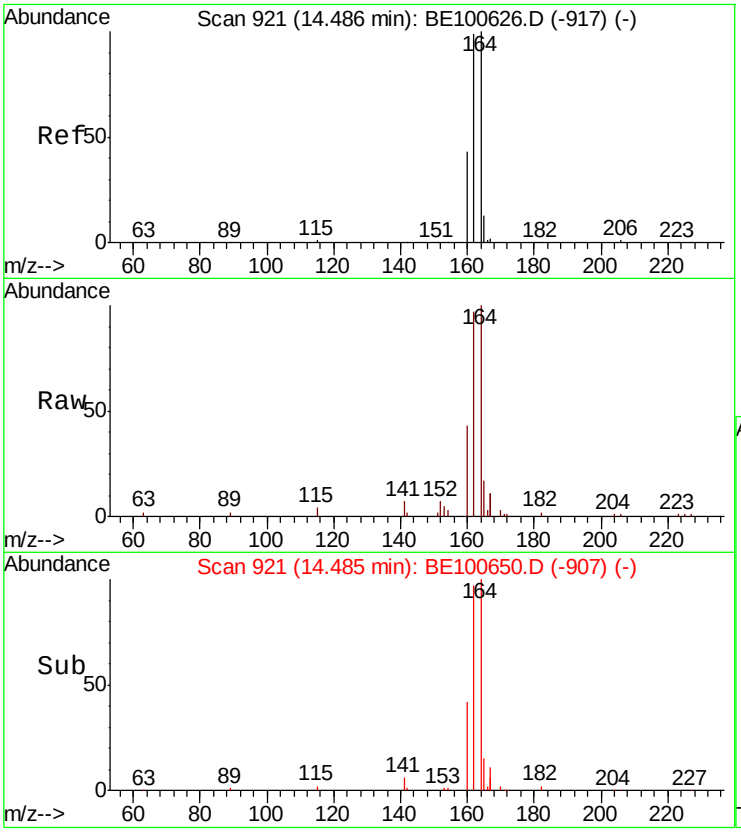


#12
2-Methylnaphthalene
Concen: 0.180 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:142 Resp: 6879

Ion	Ratio	Lower	Upper
142	100		
141	86.5	68.3	102.5
115	38.0	27.5	41.3



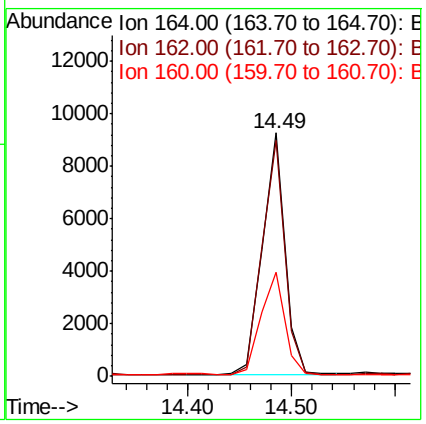


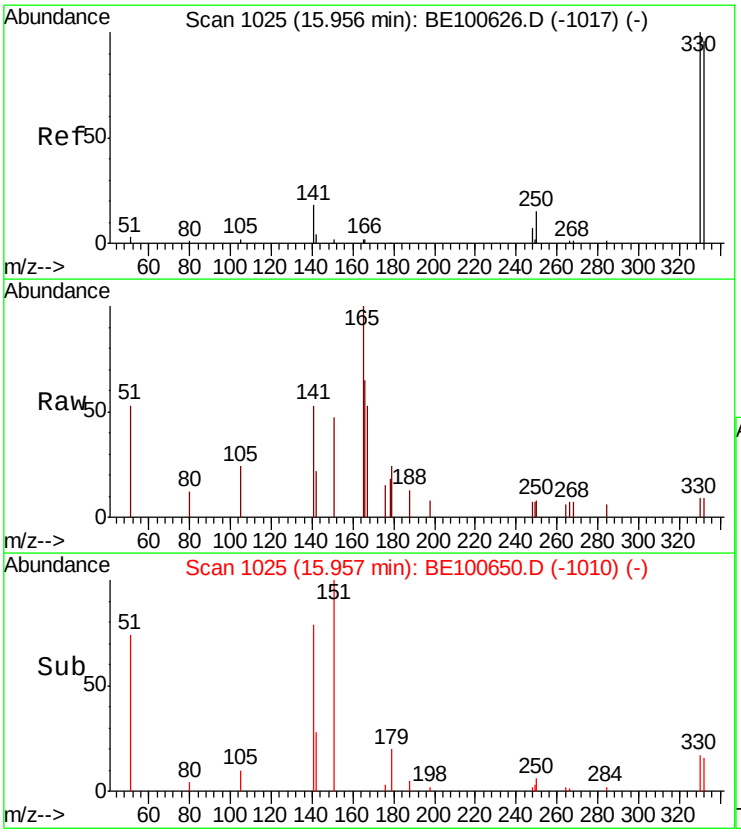
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13996

Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.1	118.7
160	43.0	34.7	52.1

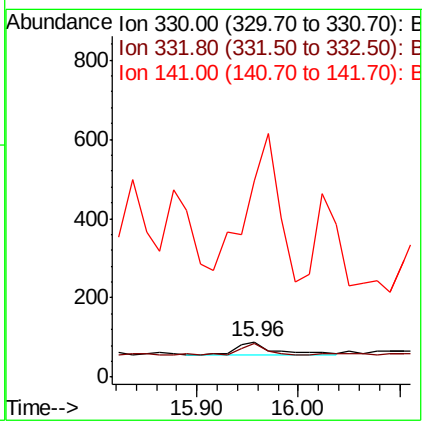


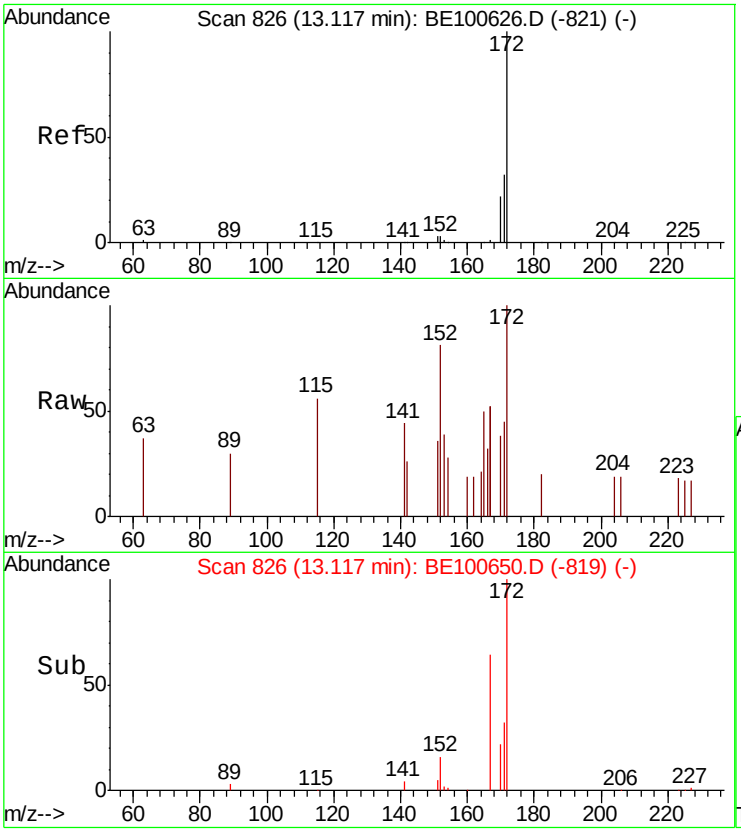


#14
2,4,6-Tribromophenol
Concen: 0.027 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:330 Resp: 100

Ion	Ratio	Lower	Upper
330	100		
332	53.0	75.2	112.8#
141	836.0	37.5	56.3#



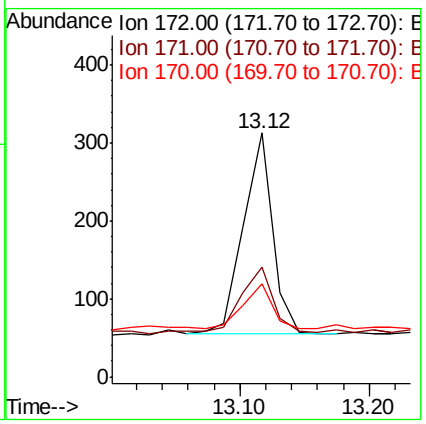


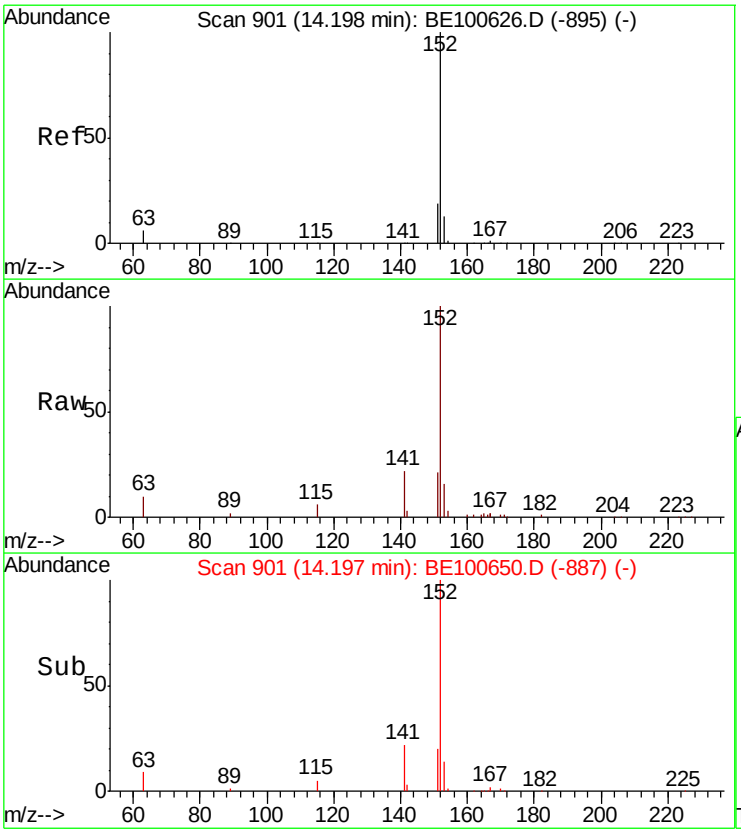
#15
2-Fluorobiphenyl
Concen: 0.008 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 401

Ion	Ratio	Lower	Upper
172	100		
171	45.0	26.2	39.4#
170	38.0	17.5	26.3#

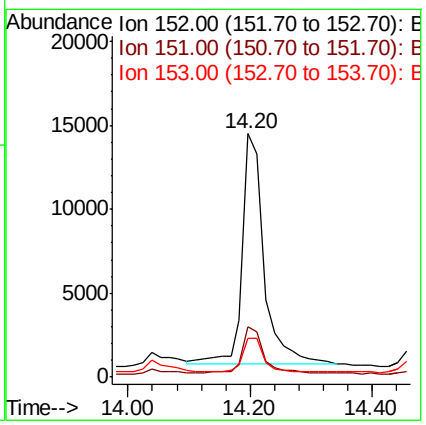


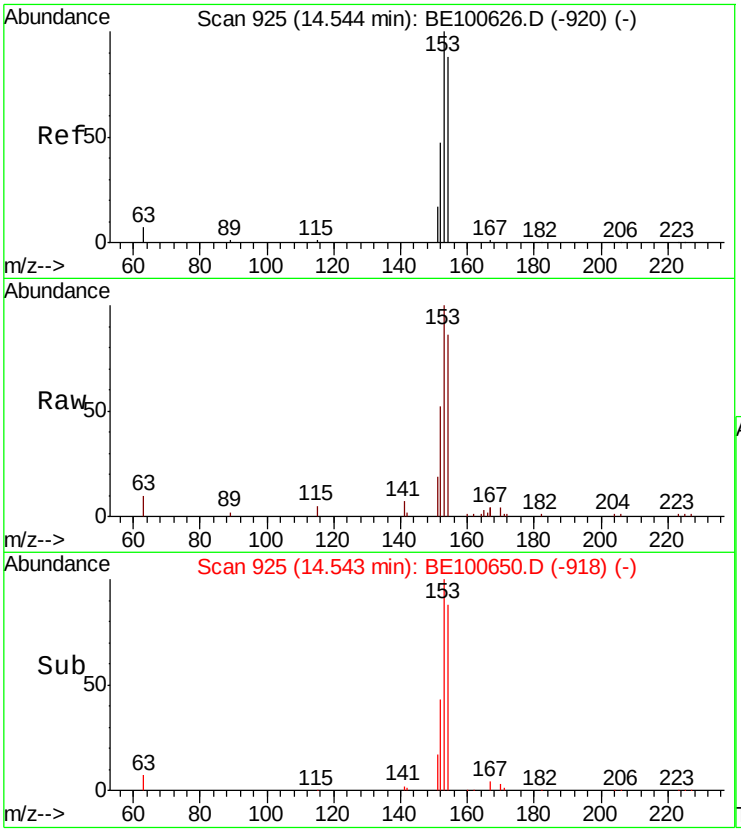


#16
Acenaphthylene
Concen: 0.558 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:152 Resp: 33579

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	14.5	10.5	15.7



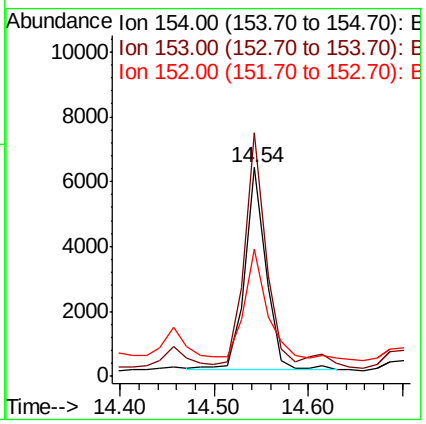


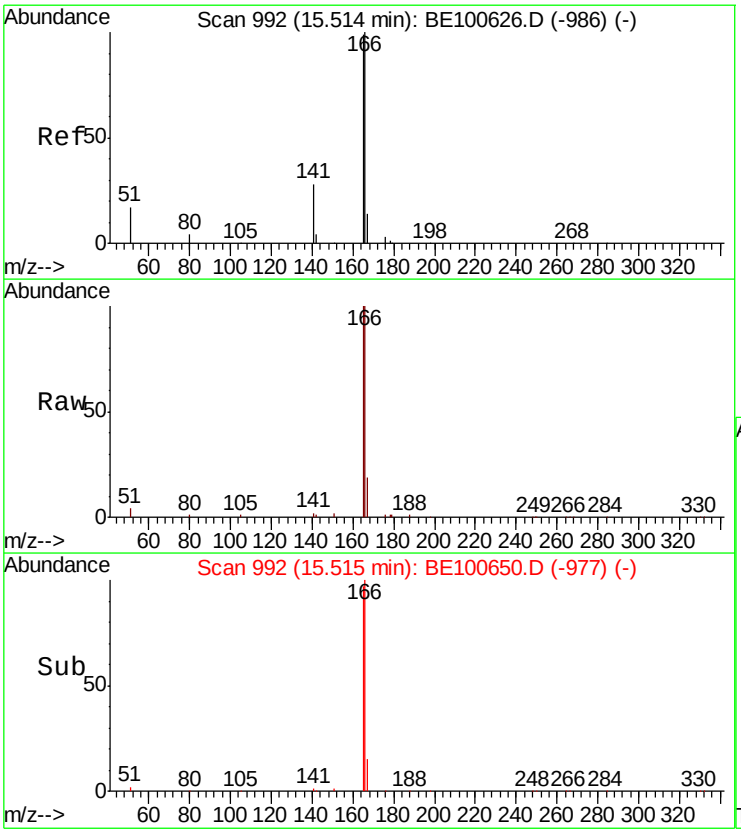
#17
Acenaphthene
Concen: 0.253 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9832

Ion	Ratio	Lower	Upper
154	100		
153	117.2	91.4	137.2
152	58.2	44.0	66.0

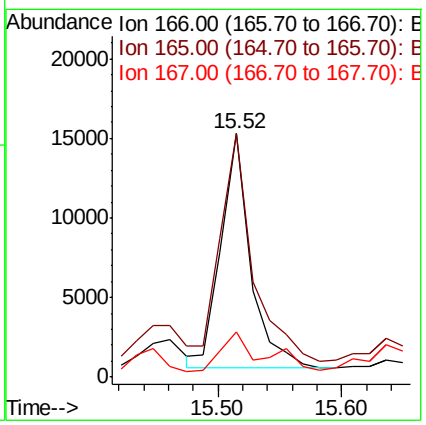


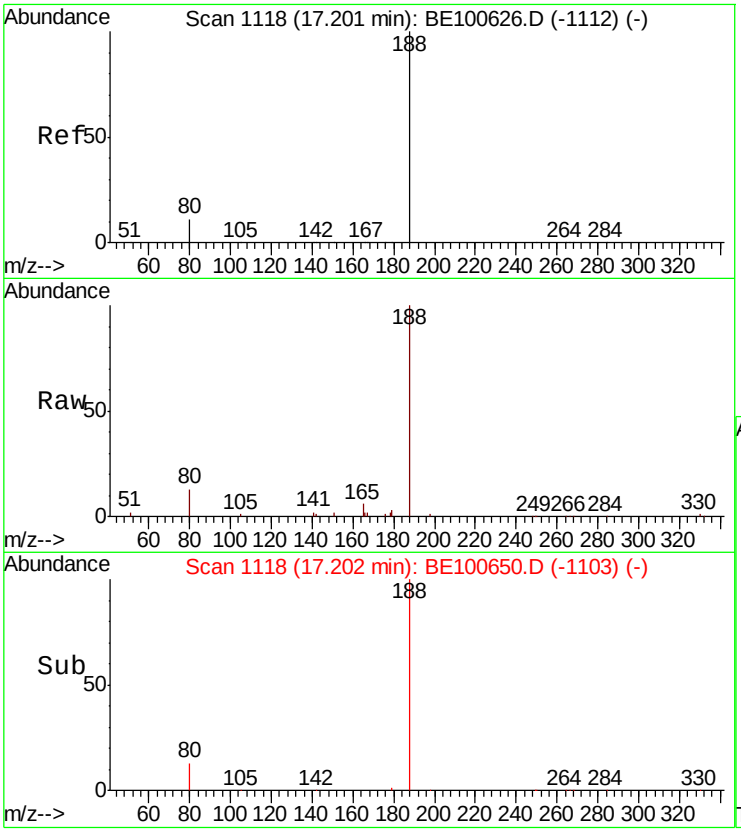


#18
Fluorene
Concen: 0.474 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:166 Resp: 24489

Ion	Ratio	Lower	Upper
166	100		
165	107.1	78.9	118.3
167	23.7	10.9	16.3#



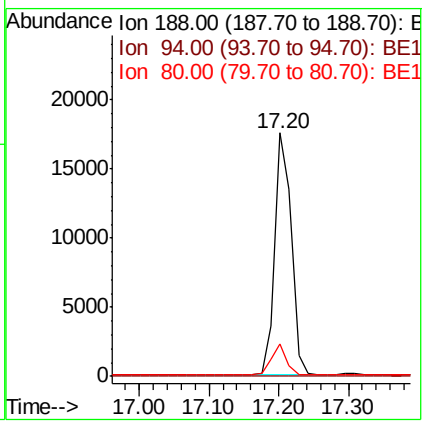


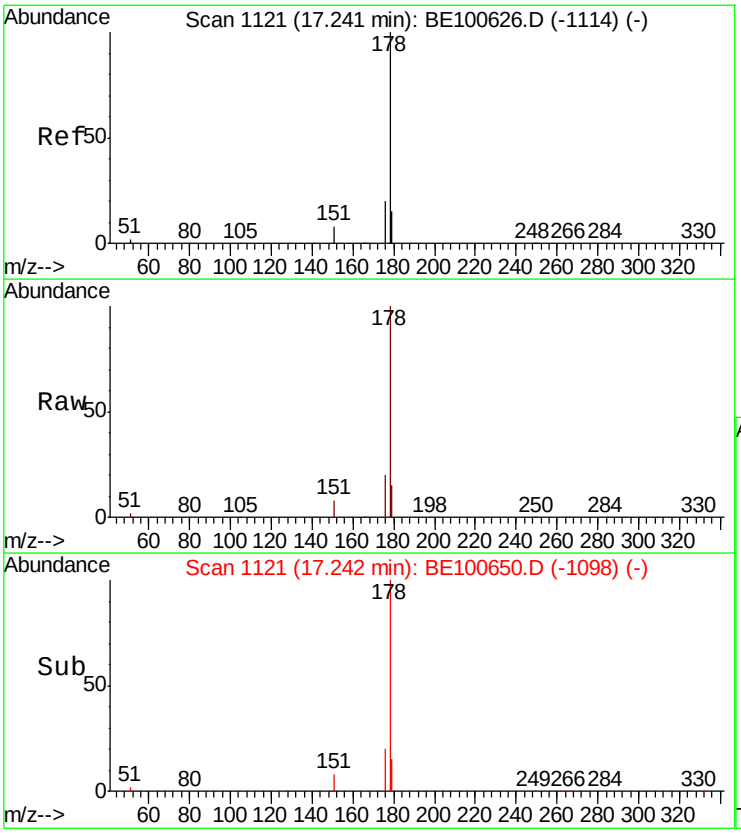
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29130

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	9.4	14.2

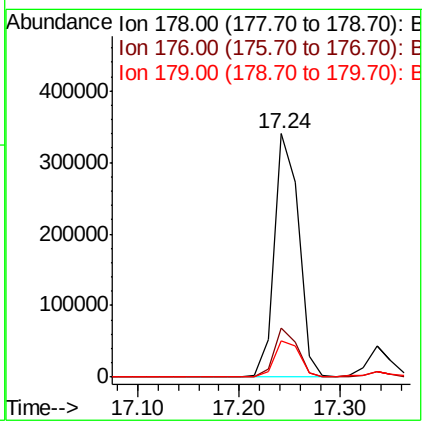


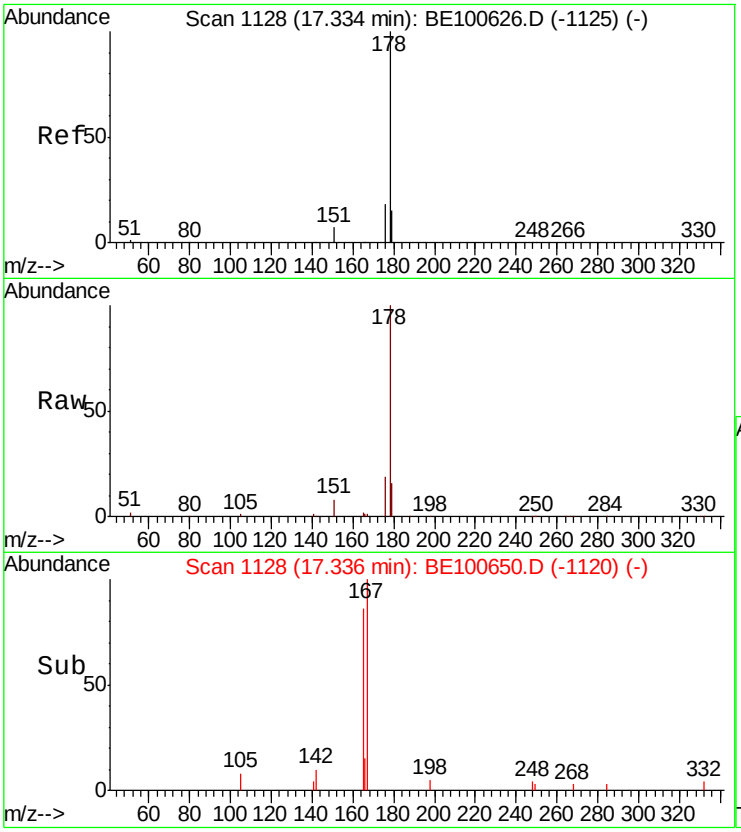


#23
Phenanthrene
Concen: 6.989 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:178 Resp: 560018

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.4	18.6



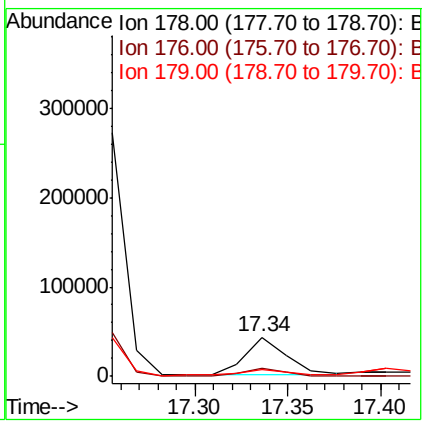


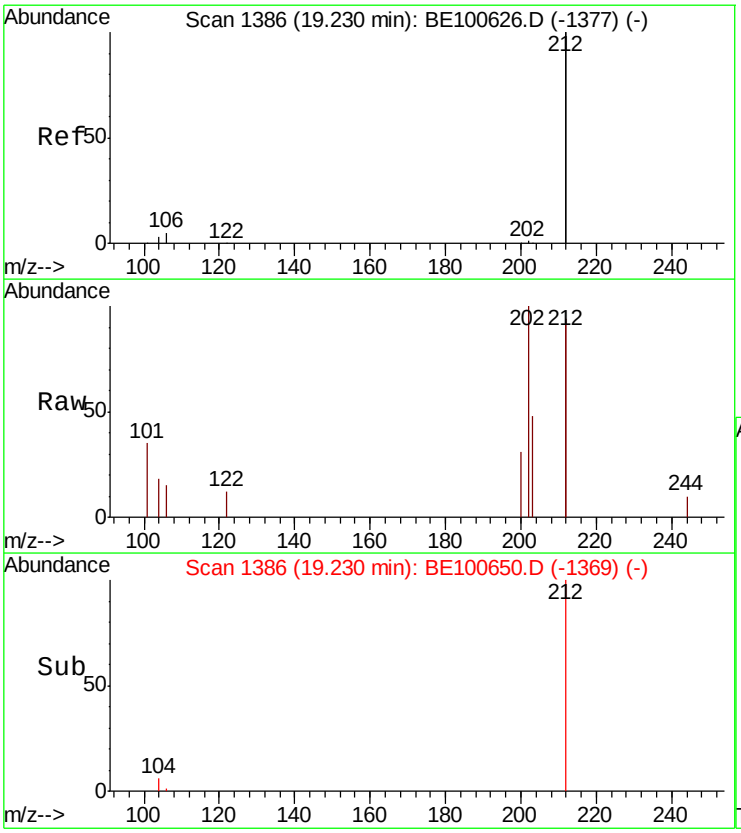
#24
Anthracene
Concen: 0.912 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 67788

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	13.2	12.4	18.6

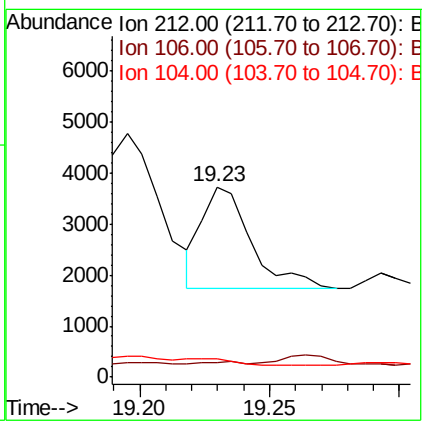


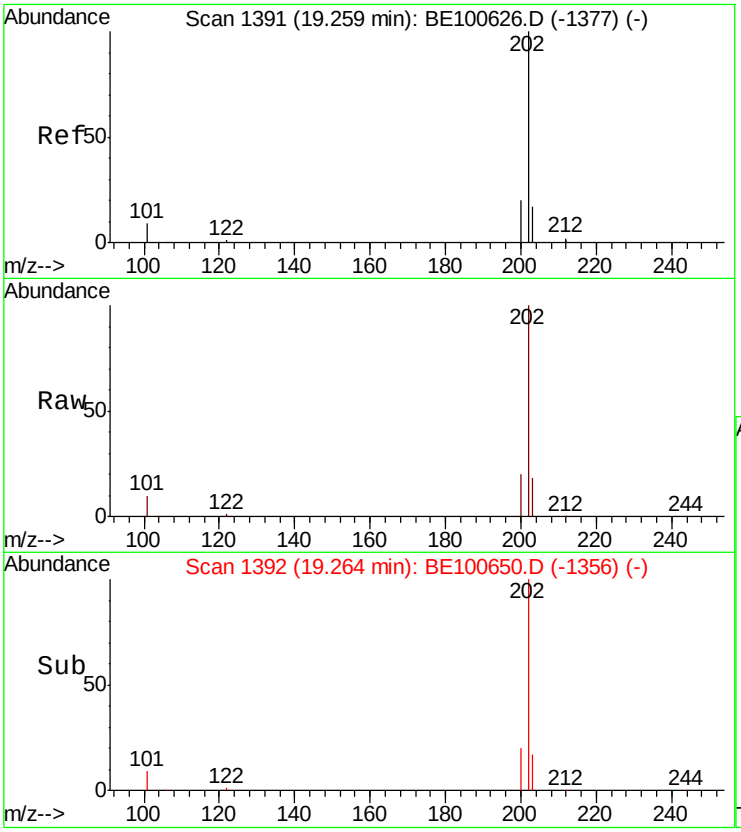


#25
Fluoranthene-d10
Concen: 0.007 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:212 Resp: 2618

Ion	Ratio	Lower	Upper
212	100		
106	1.6	2.2	3.4#
104	0.0	1.3	1.9#



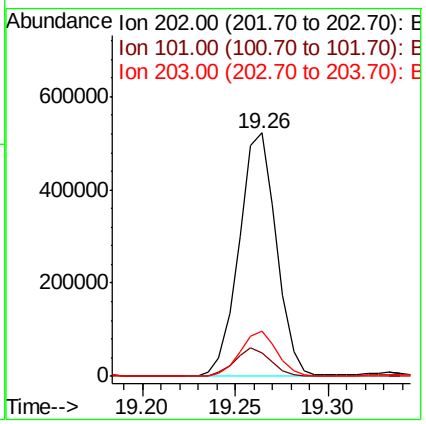


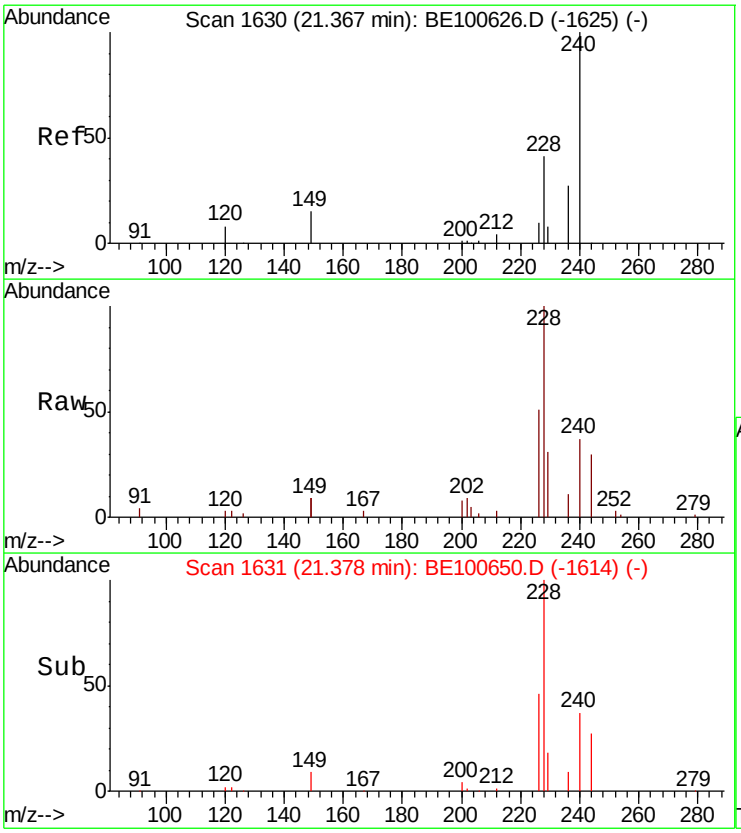
#26
Fluoranthene
Concen: 6.940 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 725752

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.4	12.6
203	18.0	13.8	20.6

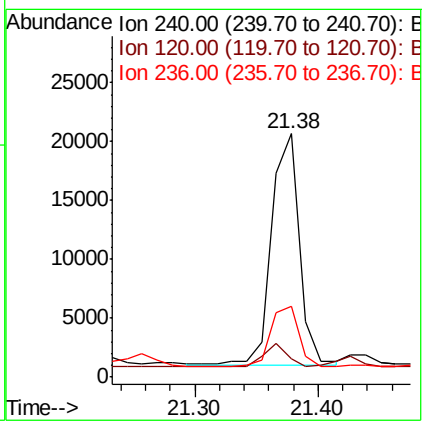


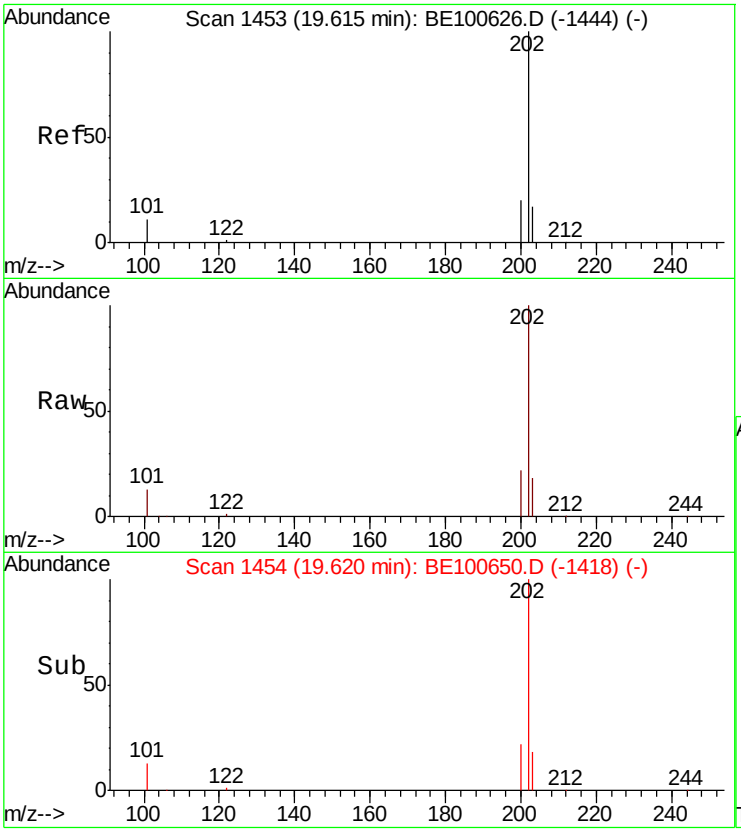


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:240 Resp: 31311

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.4	11.0
236	29.0	21.7	32.5



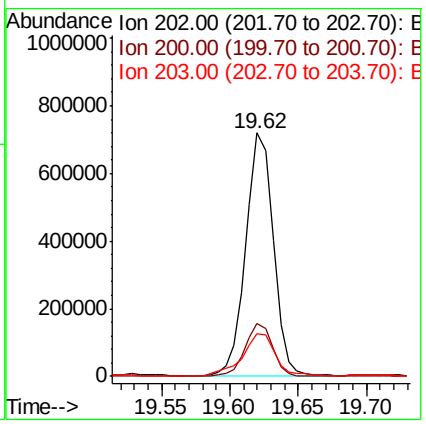


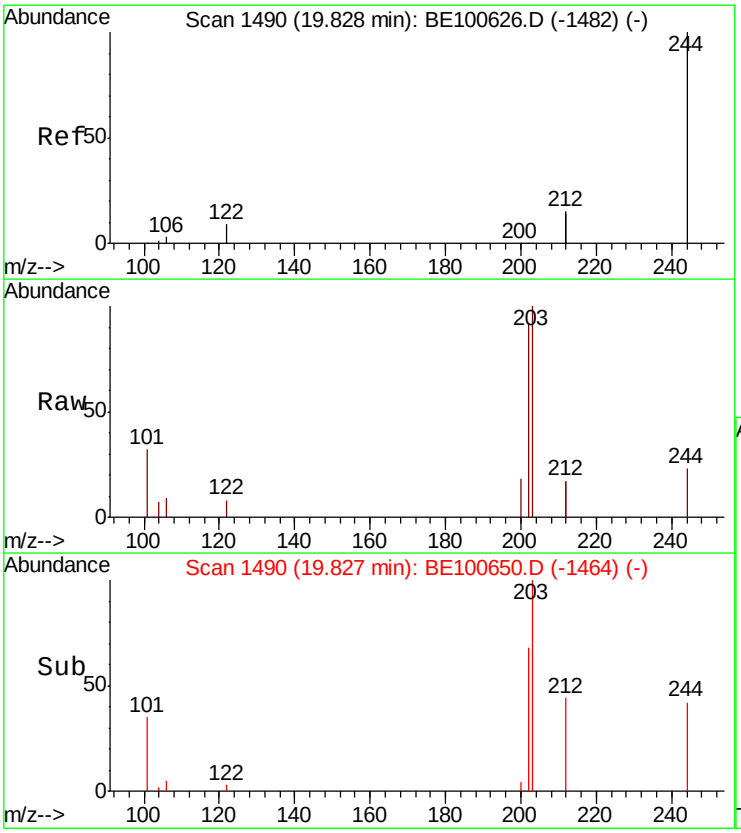
#28
Pyrene
Concen: 11.413 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 998360

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	21.0	13.9	20.9#

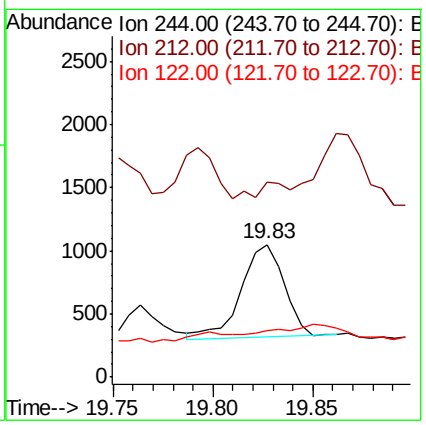


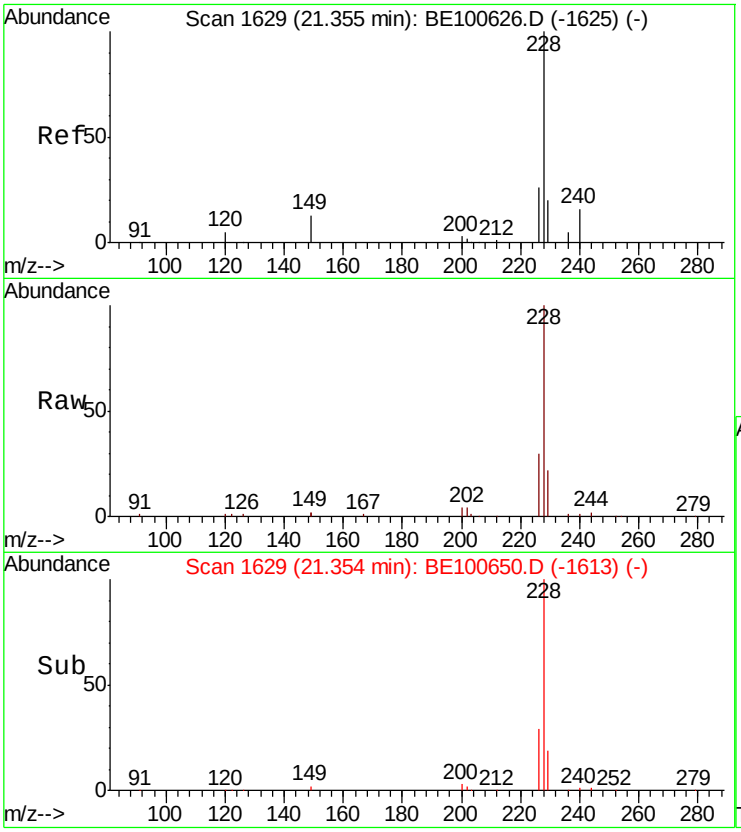


#29
Terphenyl-d14
Concen: 0.016 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:244 Resp: 1084

Ion	Ratio	Lower	Upper
244	100		
212	147.3	23.9	35.9#
122	35.4	7.7	11.5#



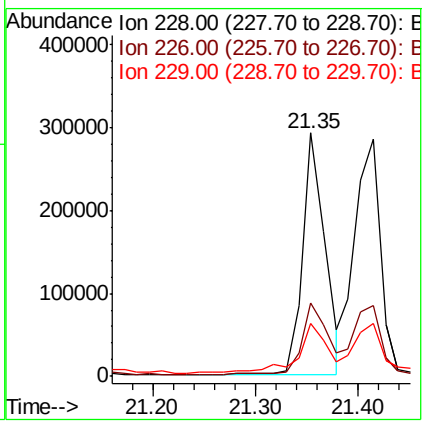


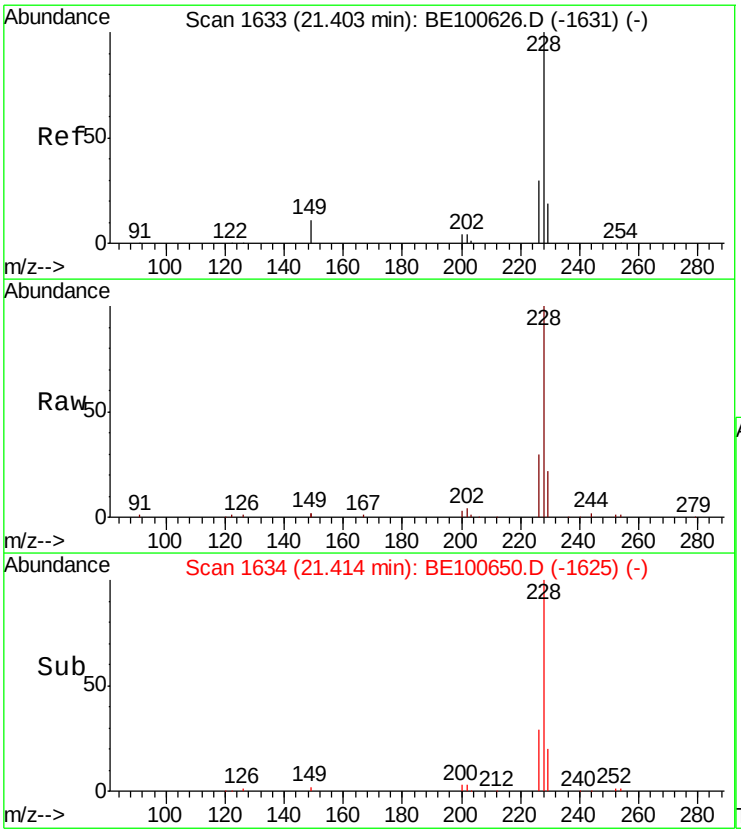
#30
Benzo(a)anthracene
Concen: 4.366 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 445966

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.6
229	21.7	15.8	23.8

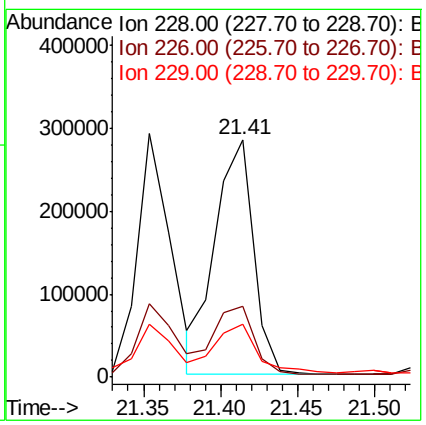


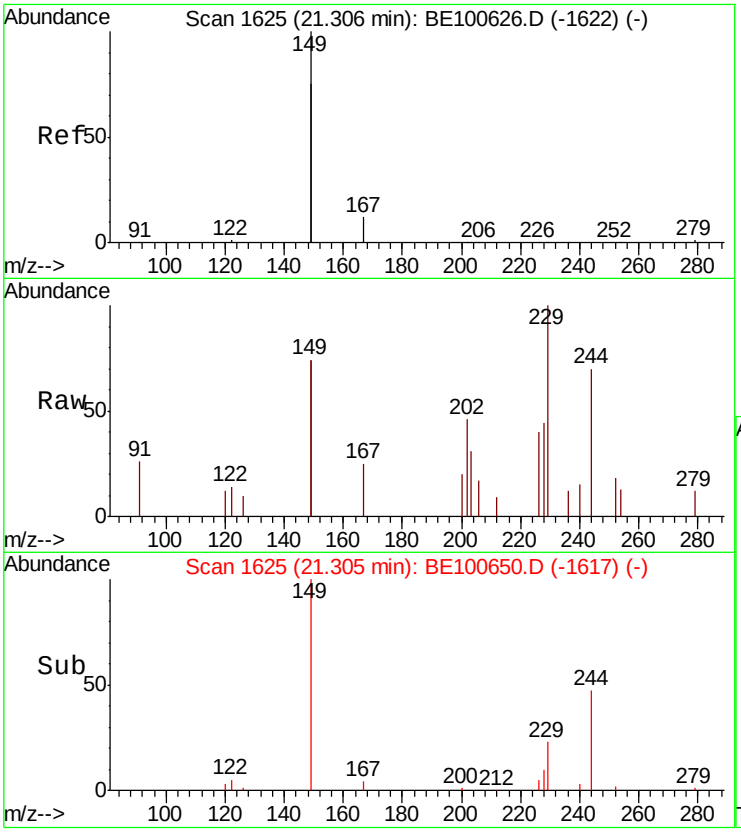


#31
Chrysene
Concen: 4.779 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:228 Resp: 487818

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	22.5	15.6	23.4



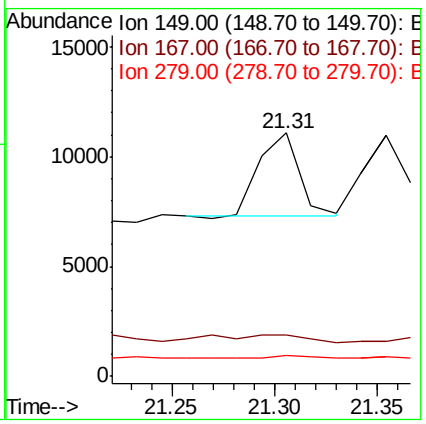


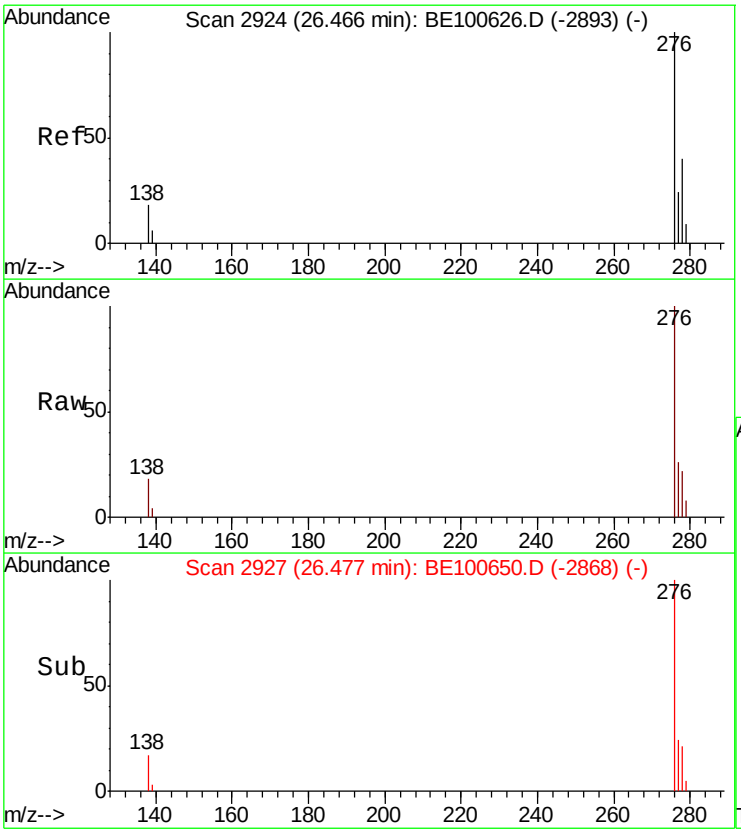
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.024 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 5101

Ion	Ratio	Lower	Upper
149	100		
167	20.8	5.4	8.2#
279	3.6	1.5	2.3#

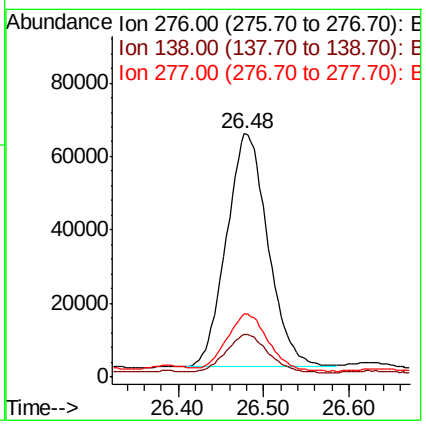


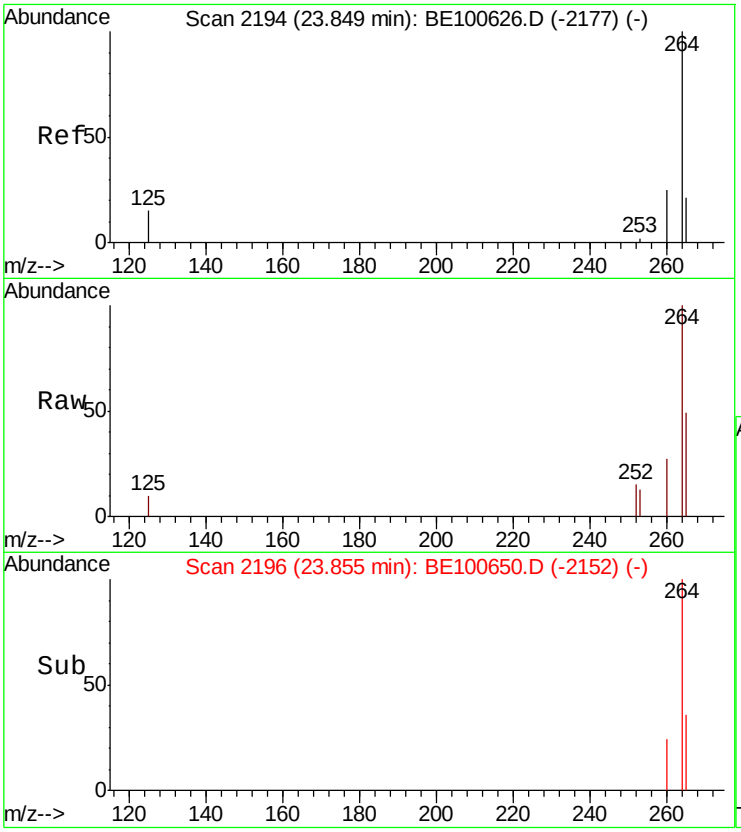


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.713 ng
RT: 26.48 min Scan# 2927
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:276 Resp: 214902

Ion	Ratio	Lower	Upper
276	100		
138	16.6	16.0	24.0
277	24.7	19.7	29.5



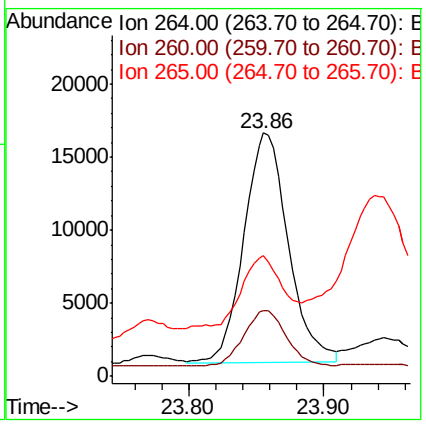


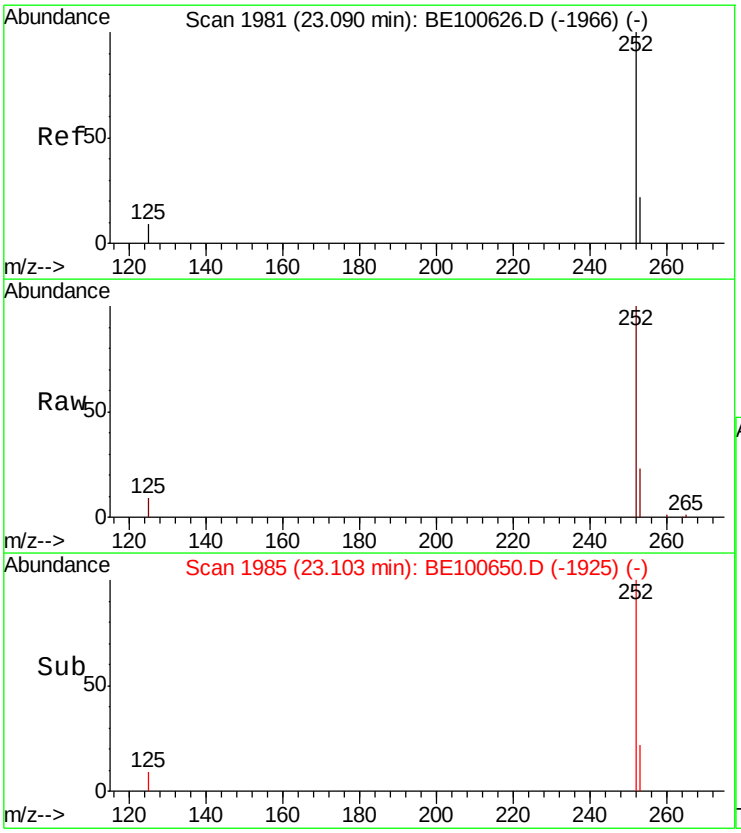
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 35678

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.9	29.9
265	49.5	20.0	30.0#

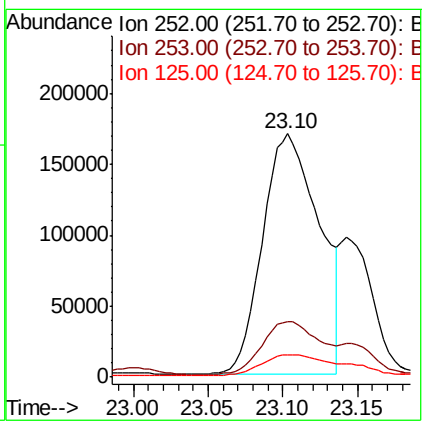


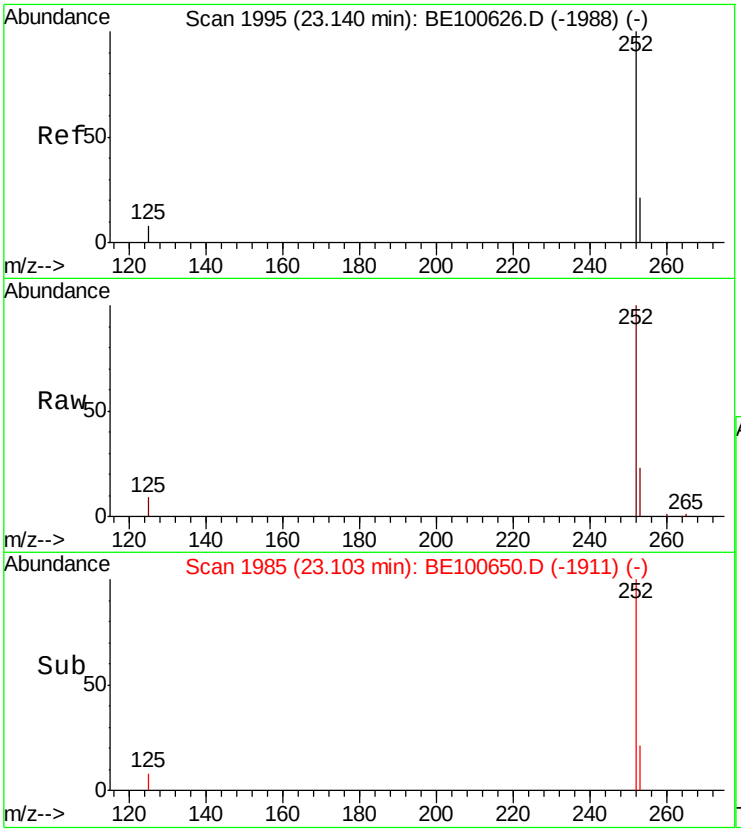


#35
Benzo(b)fluoranthene
Concen: 4.300 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:252 Resp: 447389

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.3	7.6	11.4



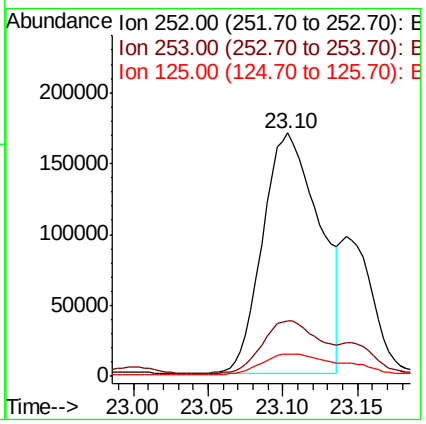


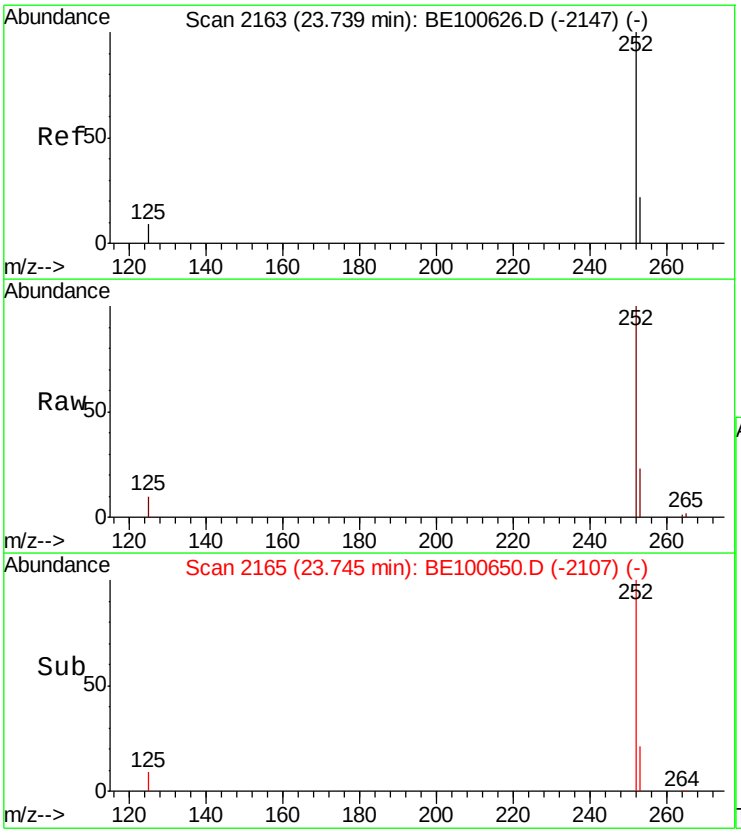
#36
Benzo(k)fluoranthene
Concen: 4.181 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.04 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 447389

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.3	7.6	11.4

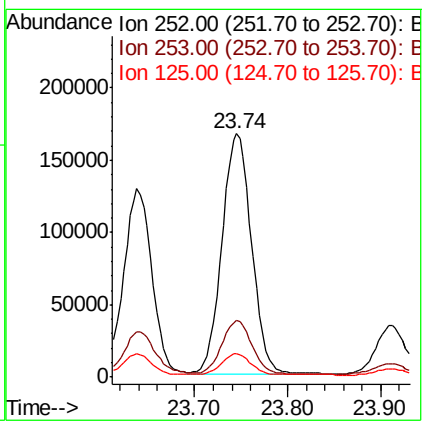


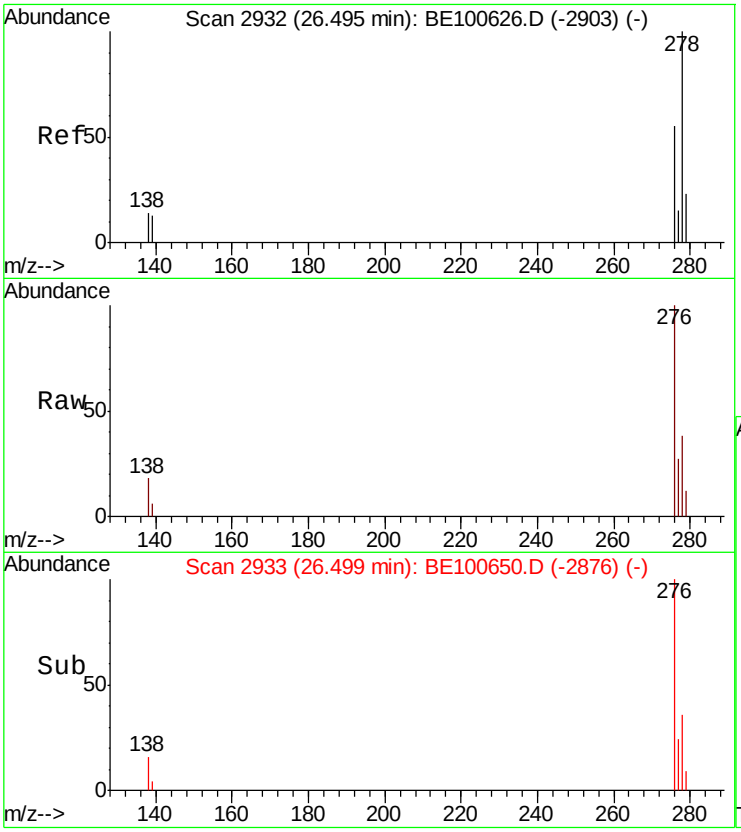


#37
Benzo(a)pyrene
Concen: 3.780 ng
RT: 23.74 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:252 Resp: 366059

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.6	8.1	12.1



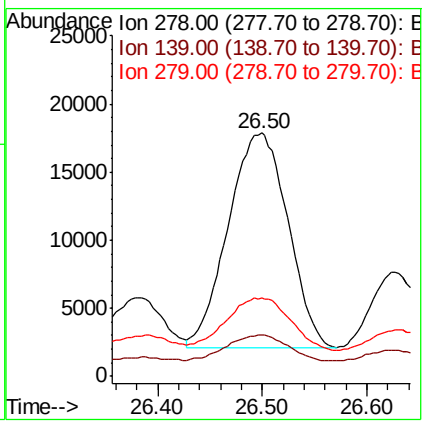


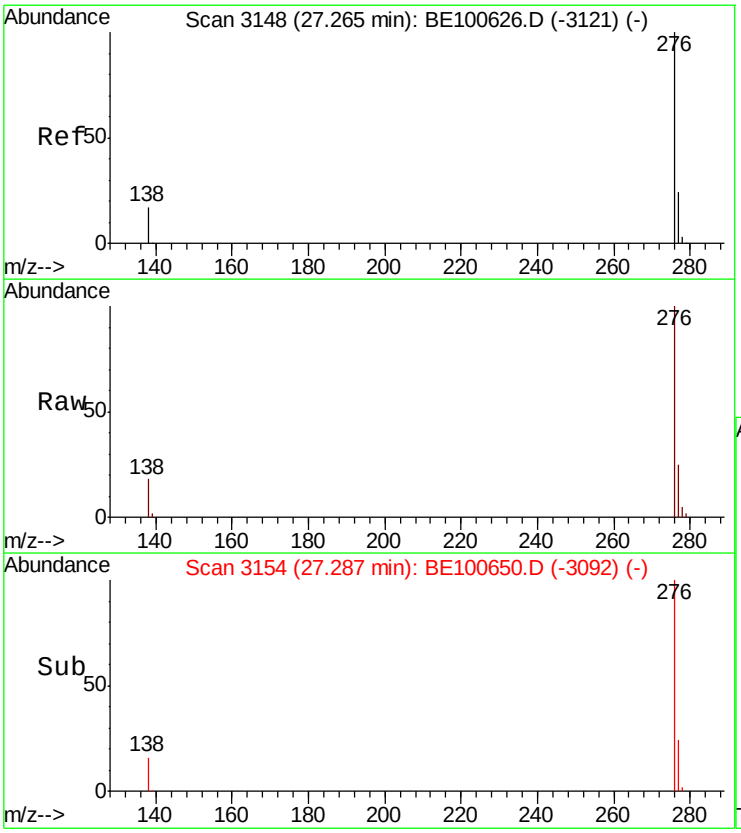
#38
Dibenzo(a,h)anthracene
Concen: 0.627 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.00 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 62749

Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.2	16.8#
279	32.4	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 2.366 ng
RT: 27.29 min Scan# 3154
Delta R.T. 0.02 min
Lab File: BE100650.D
Acq: 15 Oct 2019 15:25

Tgt Ion:276 Resp: 238161

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.3	28.9
138	17.6	14.5	21.7