Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100647.D
Acq On : 15 Oct 2019 12:53
Operator : JU
Sample : K4994-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 15 16:29:23 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	4280	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	19833	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	12863	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	25751	0.40	ng		0.00
27) Chrysene-d12	21.37	240	27101	0.40	ng		0.00
34) Perylene-d12	23.85	264	31182	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	3723	0.28	ng		0.01
5) Phenol-d6	7.02	99	5714	0.31	ng		0.01
8) Nitrobenzene-d5	8.99	82	5261	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	8581	0.27	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	1249	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	10771	0.23	ng		0.00
25) Fluoranthene-d10	19.23	212	63494	0.19	ng		0.00
29) Terphenyl-d14	19.83	244	13137	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	19533	0.094	ng	#	98
12) 2-Methylnaphthalene	12.31	142	4120	0.116	ng		95
16) Acenaphthylene	14.20	152	16402	0.296	ng	#	94
17) Acenaphthene	14.54	154	1791	0.050	ng		89
18) Fluorene	15.51	166	3355	0.071	ng	#	62
23) Phenanthrene	17.24	178	79714	1.125	ng		99
24) Anthracene	17.34	178	13157	0.200	ng		97
26) Fluoranthene	19.26	202	184931	2.000	ng		98
28) Pyrene	19.62	202	204695	2.703	ng	#	95
30) Benzo(a)anthracene	21.36	228	131338	1.486	ng	#	88
31) Chrysene	21.40	228	127254	1.440	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.29	149	75446	0.408	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	86007	0.792	ng	#	95
35) Benzo(b)fluoranthene	23.10	252	175331	1.928	ng	#	92
36) Benzo(k)fluoranthene	23.10	252	175331	1.875	ng	#	92
37) Benzo(a)pyrene	23.74	252	120920	1.429	ng	#	92
38) Dibenzo(a,h)anthracene	26.49	278	22845	0.261	ng	#	51
39) Benzo(g,h,i)perylene	27.29	276	95870	1.090	ng	#	90

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

Quantitation Report (Not Reviewed)

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Data File : BE100647.D
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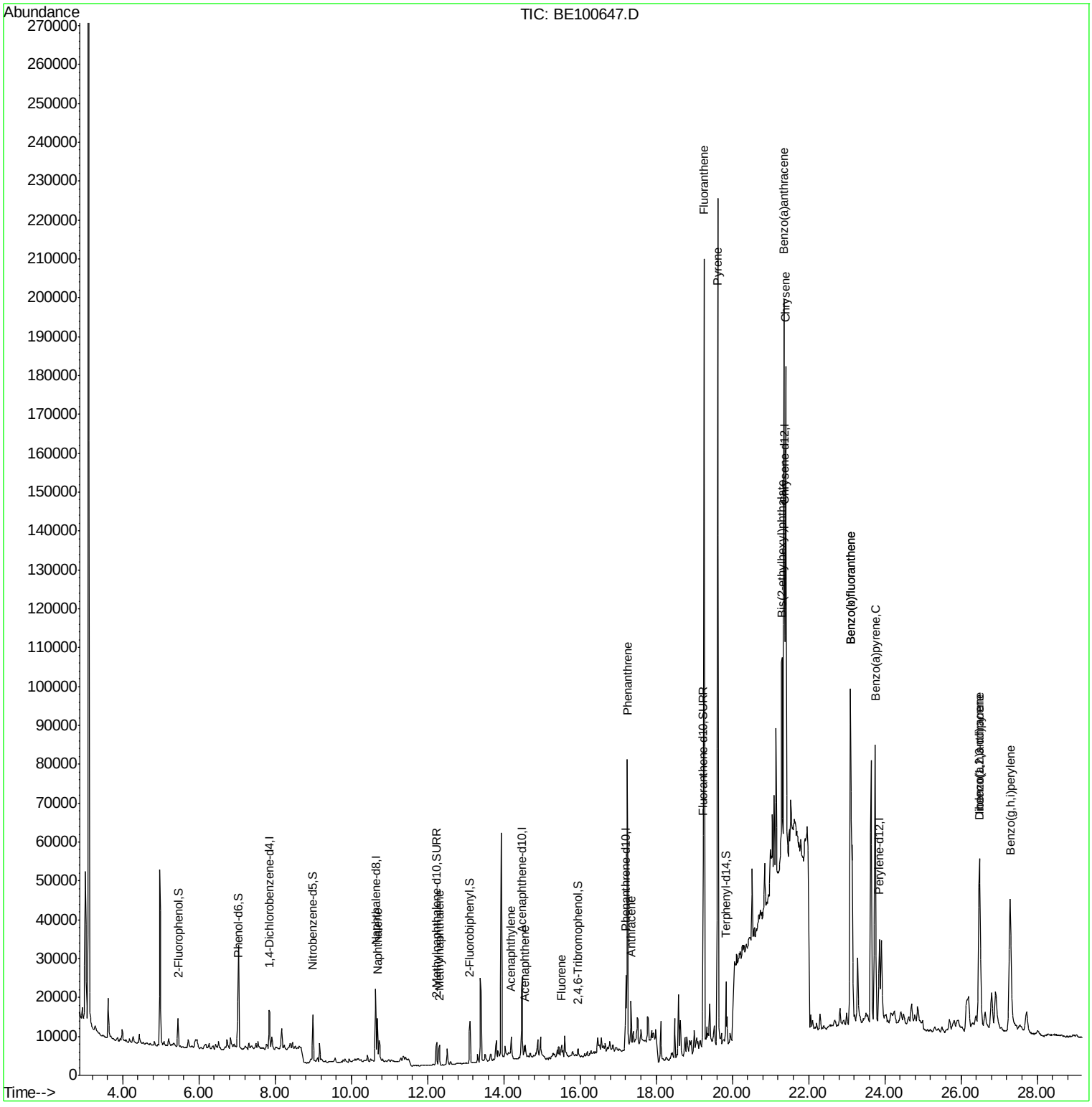
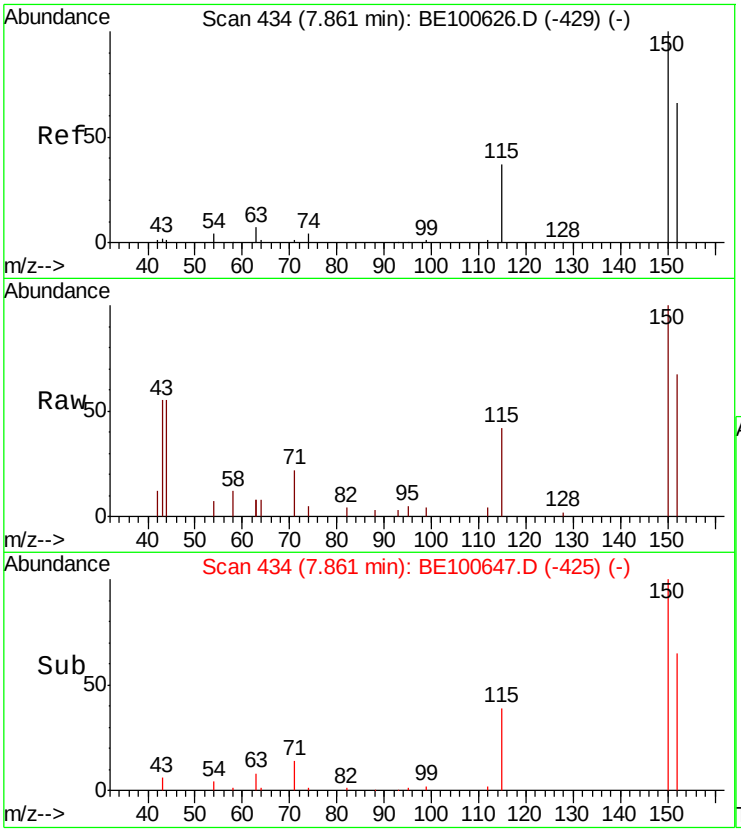


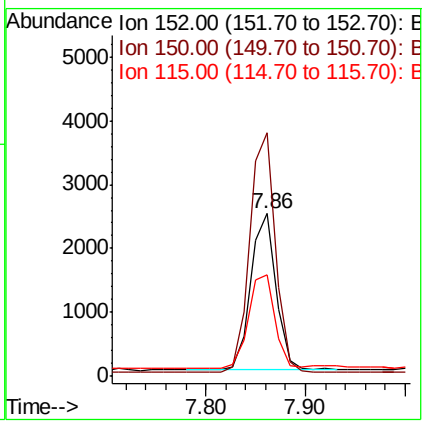


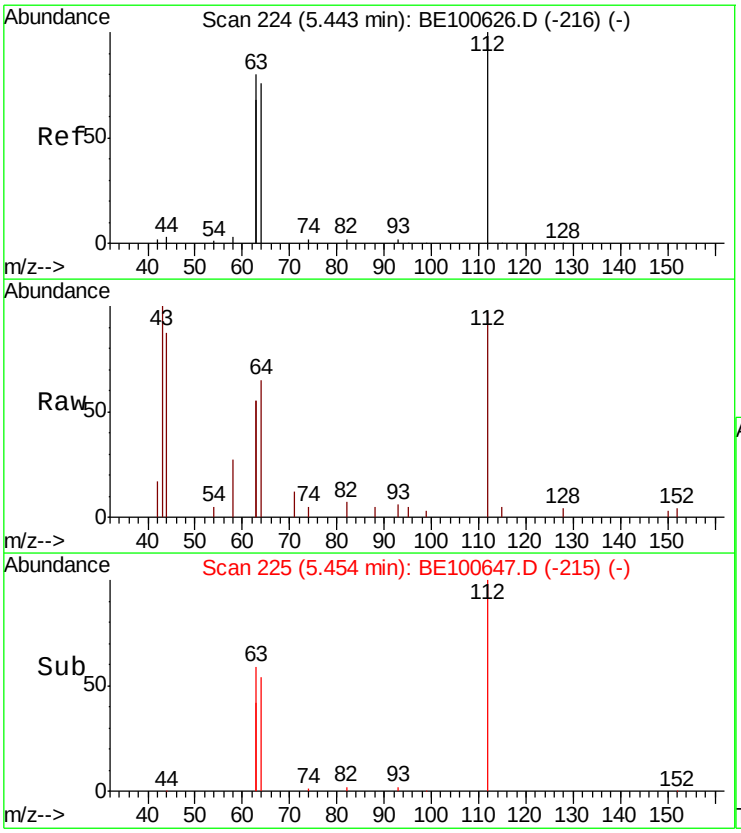
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4280

Ion	Ratio	Lower	Upper
152	100		
150	149.4	120.7	181.1
115	62.6	48.0	72.0

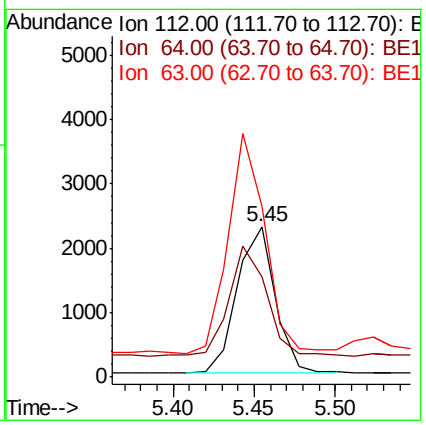


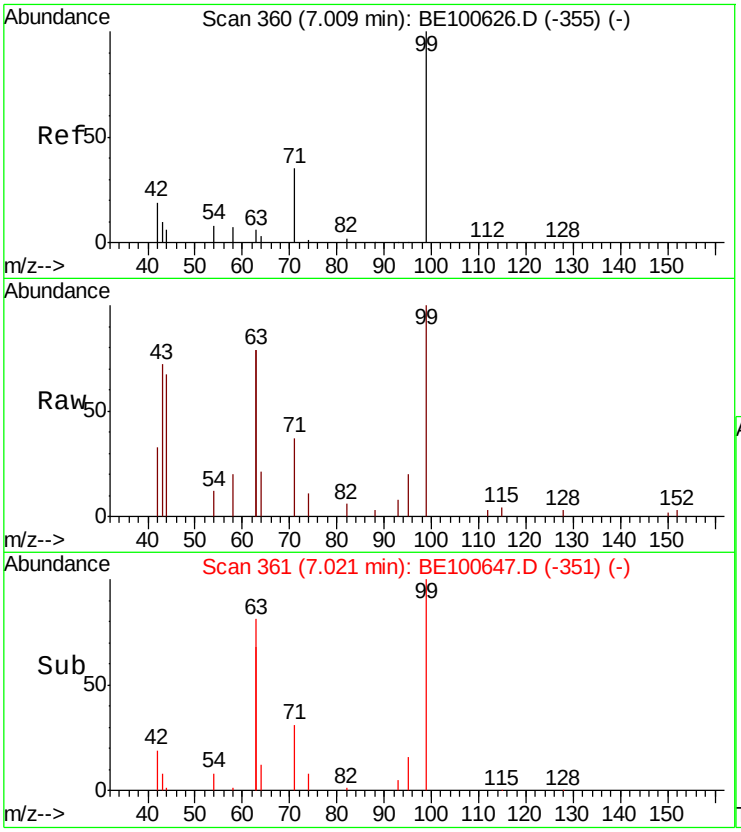


#4
2-Fluorophenol
Concen: 0.282 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:112 Resp: 3723

Ion	Ratio	Lower	Upper
112	100		
64	74.9	58.9	88.3
63	141.7	118.3	177.5



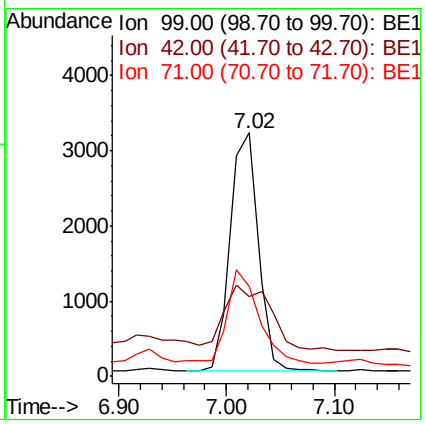


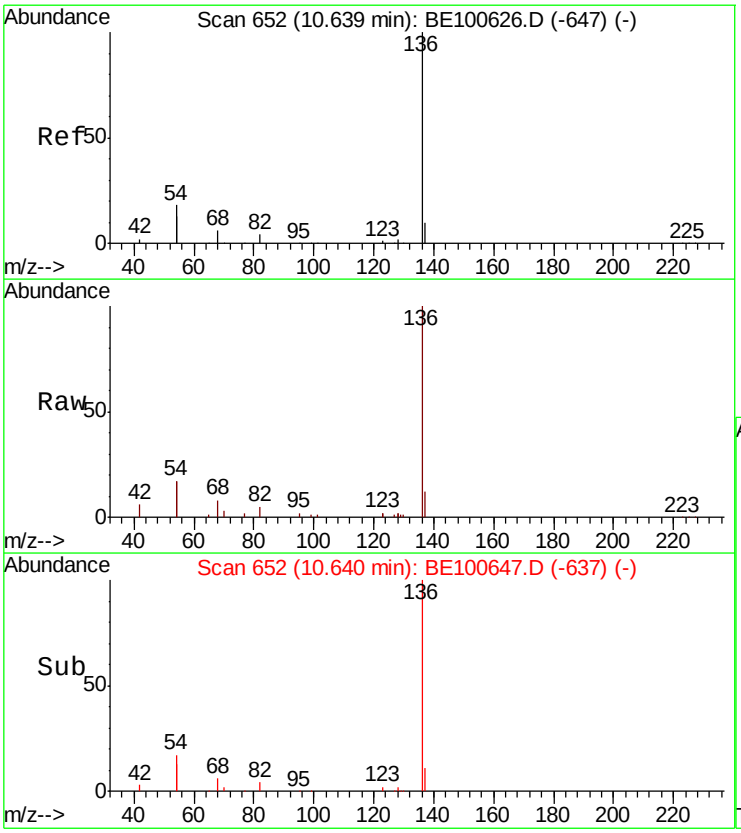
#5
Phenol-d6
Concen: 0.307 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5714

Ion	Ratio	Lower	Upper
99	100		
42	44.9	19.4	29.2#
71	43.0	26.9	40.3#

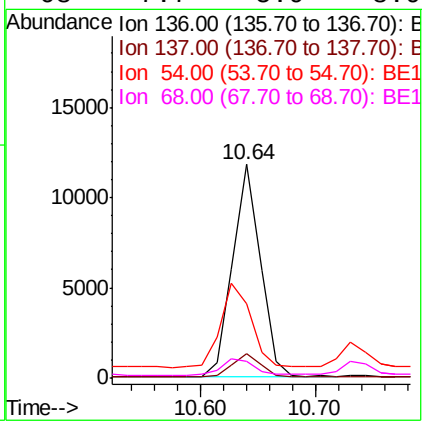


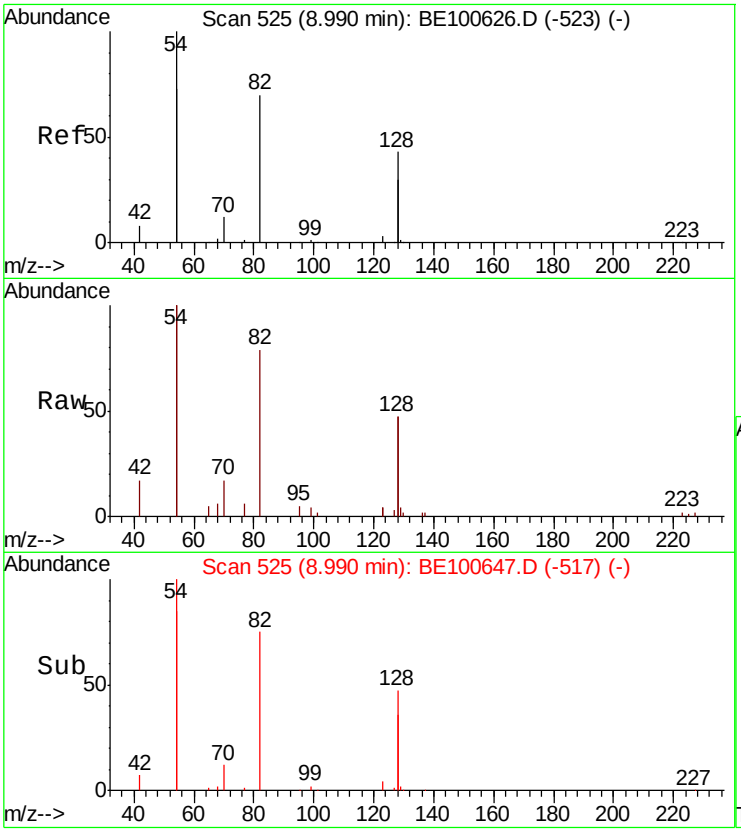


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:136 Resp: 19833

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	34.5	28.7	43.1
68	7.7	5.9	8.9



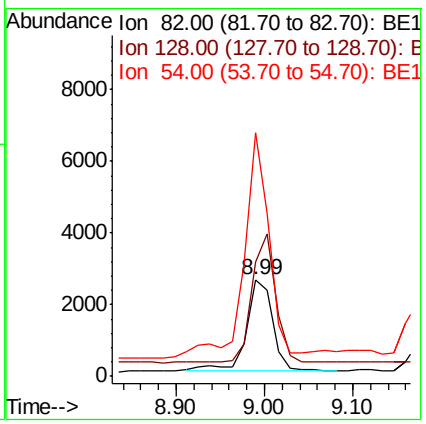


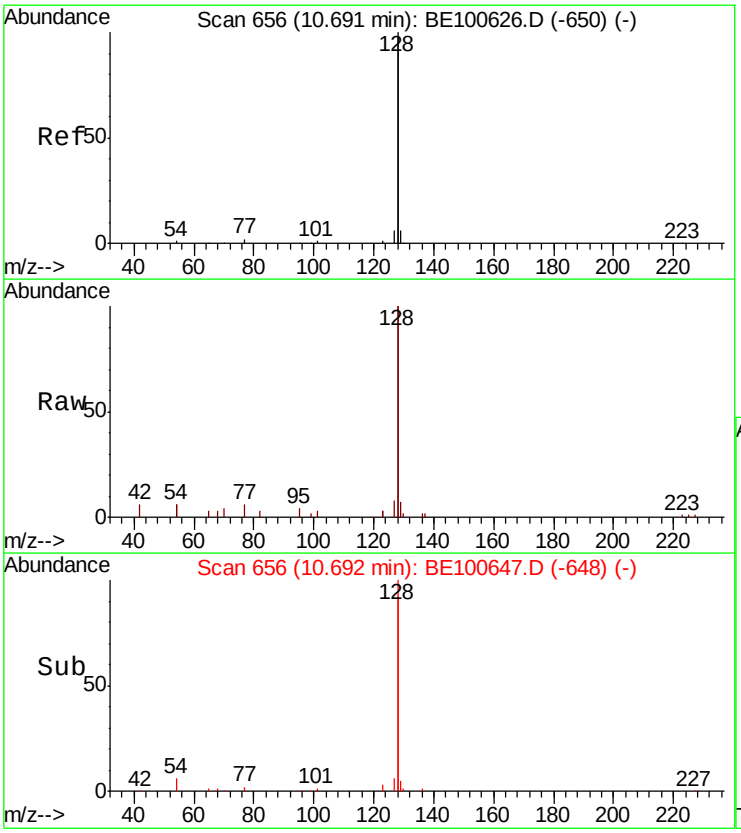
#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 5261

Ion	Ratio	Lower	Upper
82	100		
128	119.0	90.7	136.1
54	252.3	210.9	316.3

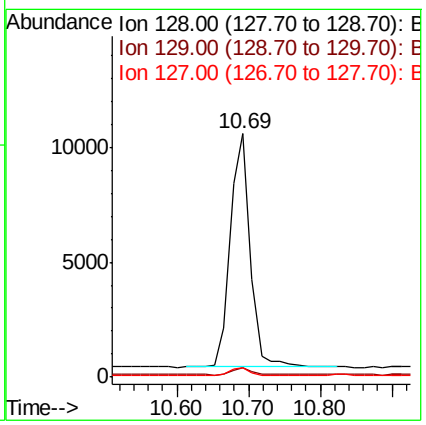


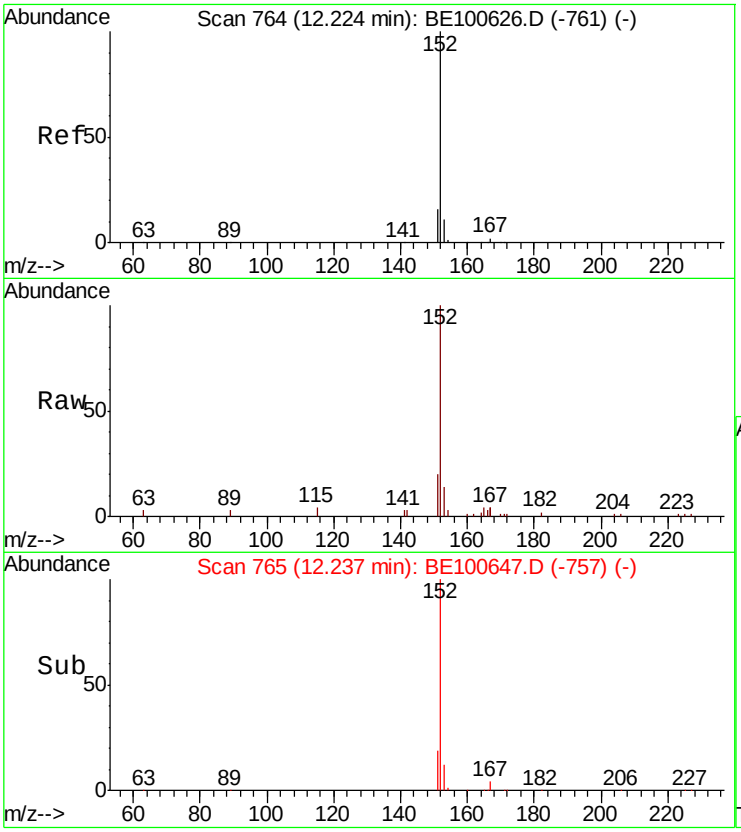


#9
Naphthalene
Concen: 0.094 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:128 Resp: 19533

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



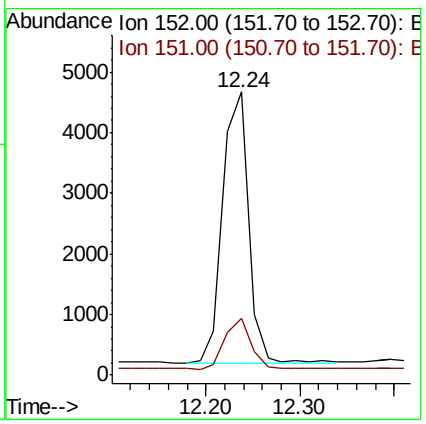


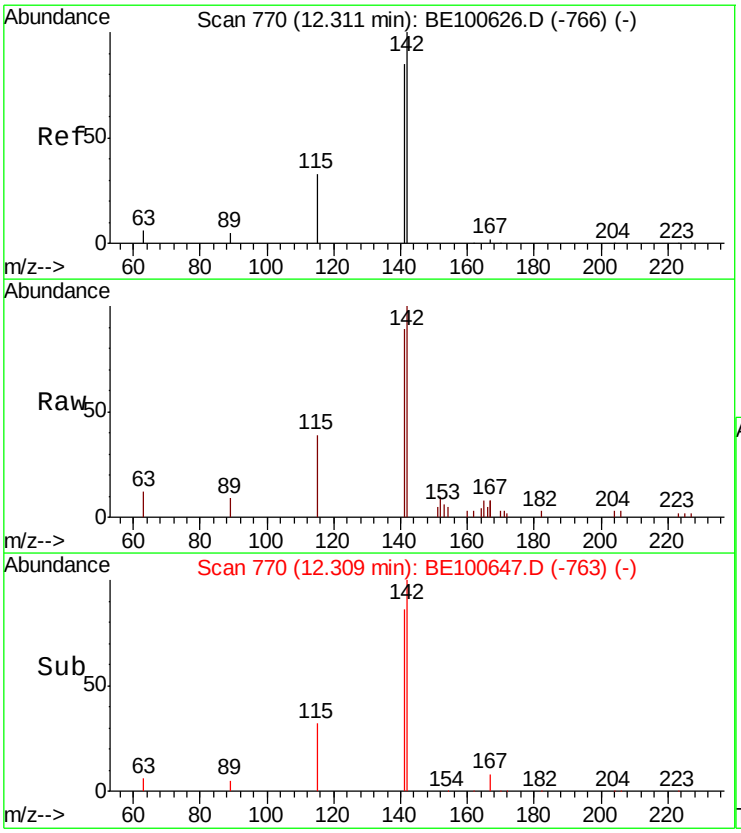
#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8581

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.2	22.8

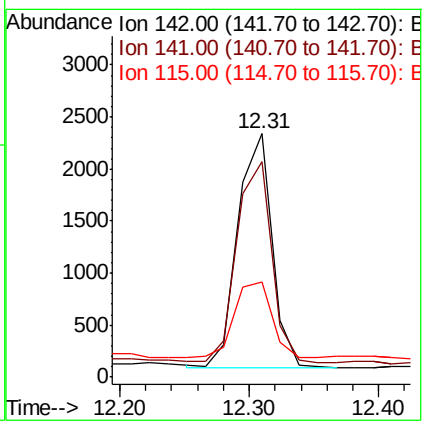


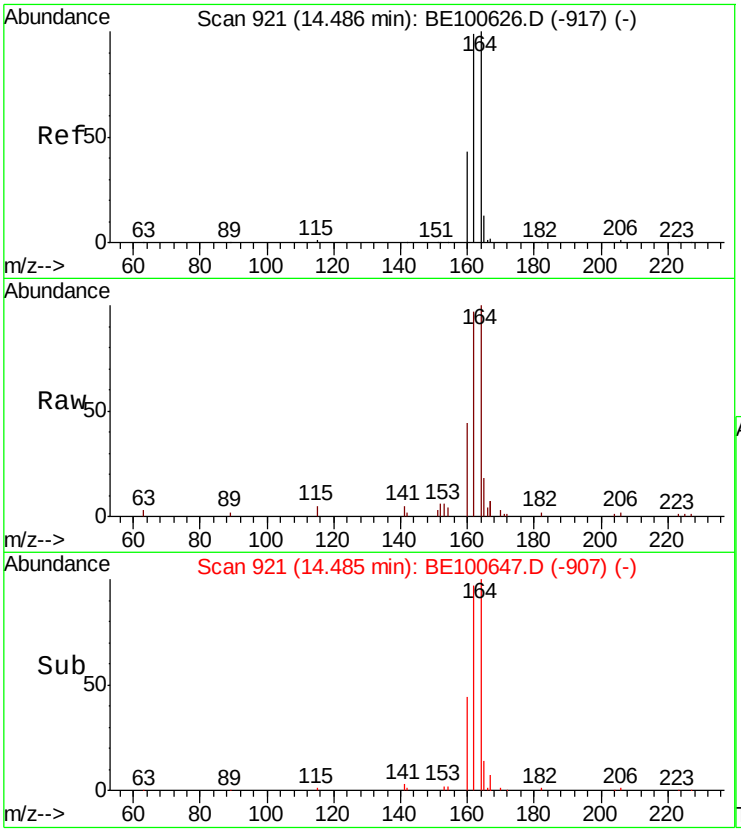


#12
2-Methylnaphthalene
Concen: 0.116 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:142 Resp: 4120

Ion	Ratio	Lower	Upper
142	100		
141	88.5	68.3	102.5
115	39.2	27.5	41.3



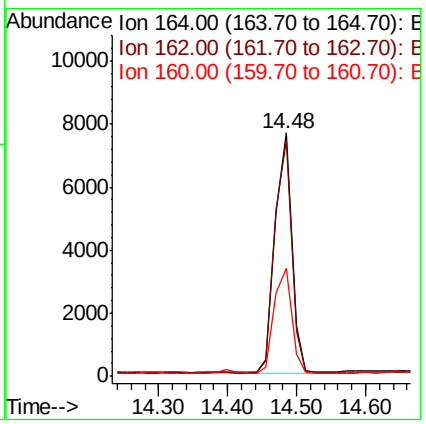


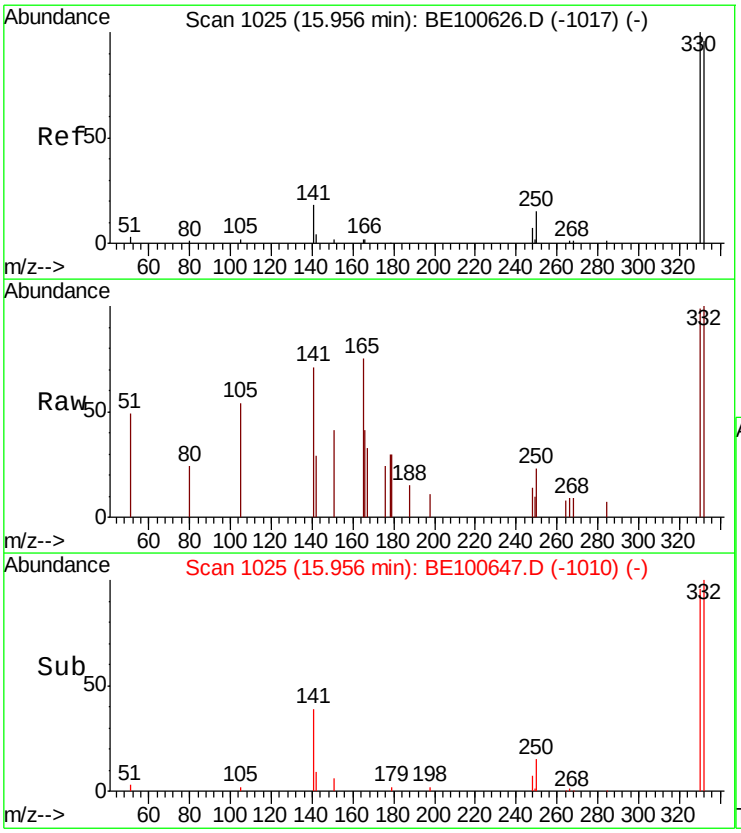
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12863

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.1	118.7
160	44.5	34.7	52.1

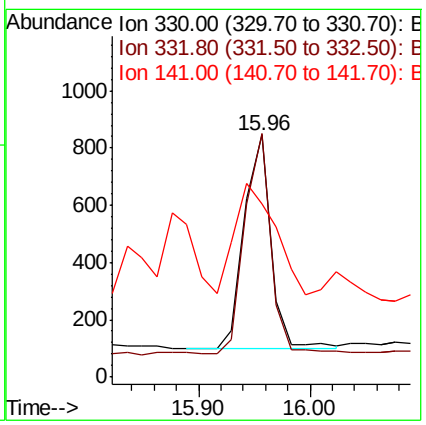


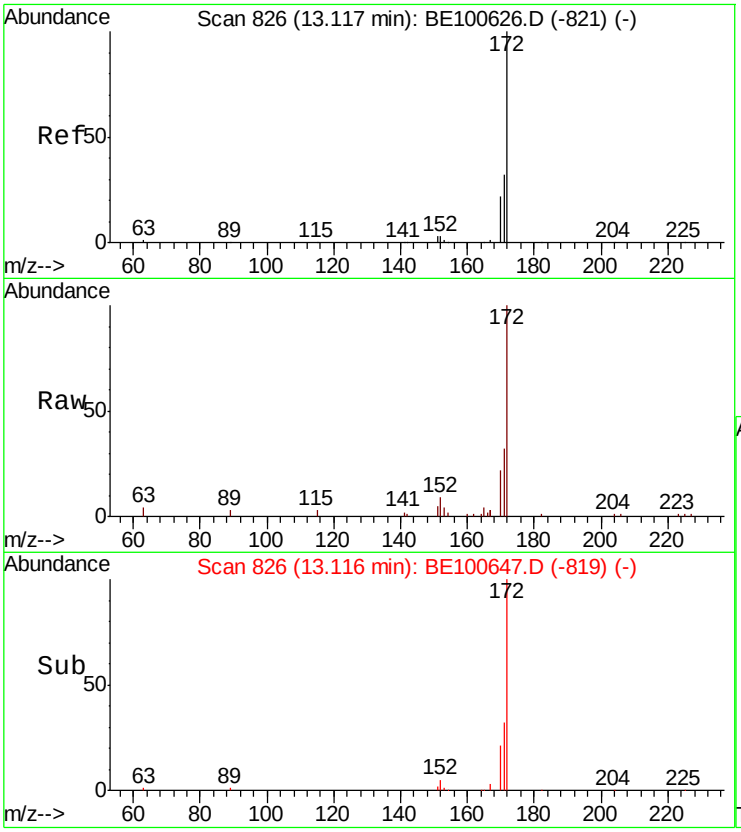


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:330 Resp: 1249

Ion	Ratio	Lower	Upper
330	100		
332	101.1	75.2	112.8
141	81.8	37.5	56.3#



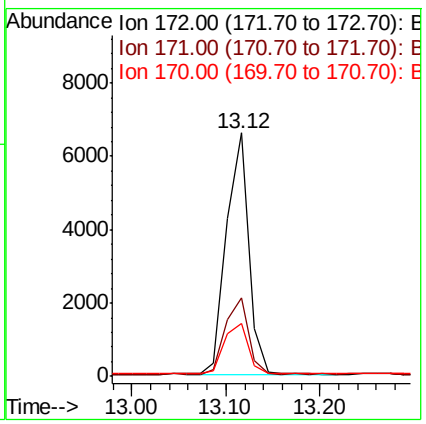


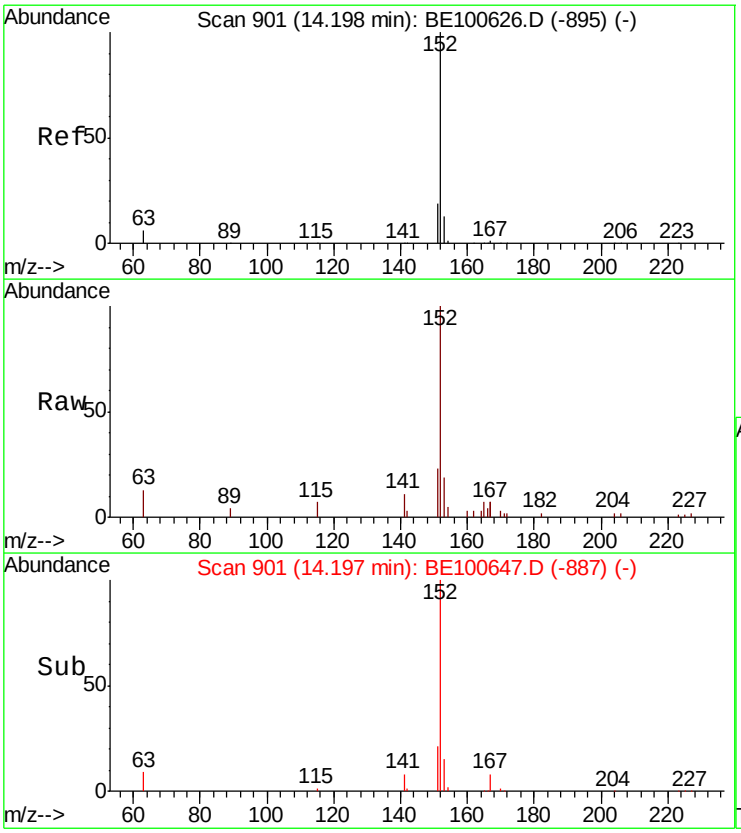
#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10771

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.2	39.4
170	21.7	17.5	26.3

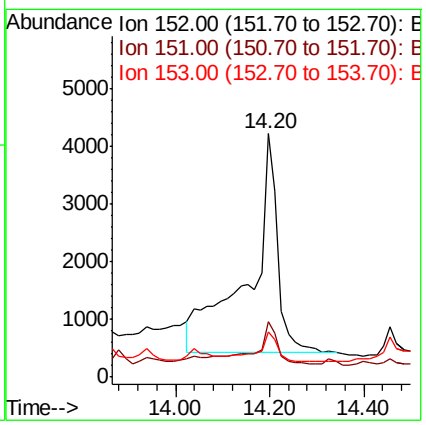


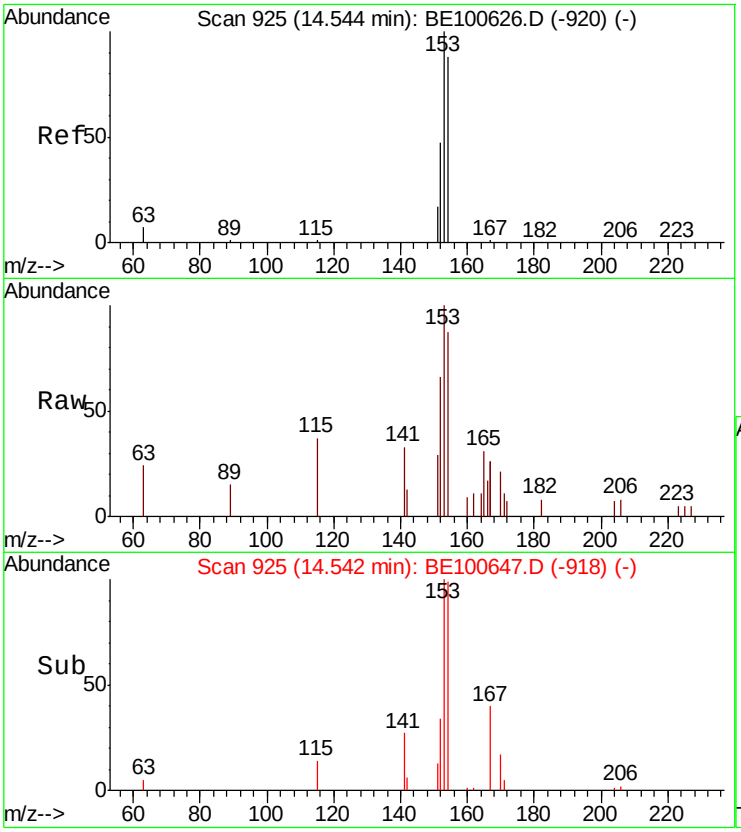


#16
Acenaphthylene
Concen: 0.296 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:152 Resp: 16402

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.6	23.4
153	9.4	10.5	15.7#



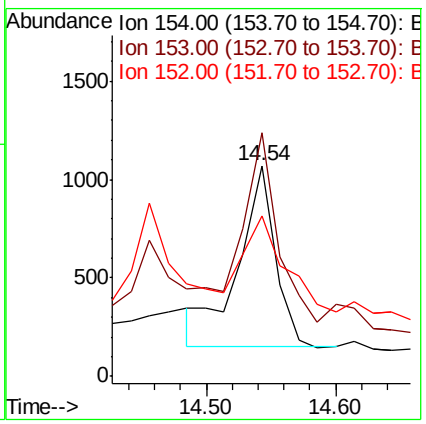


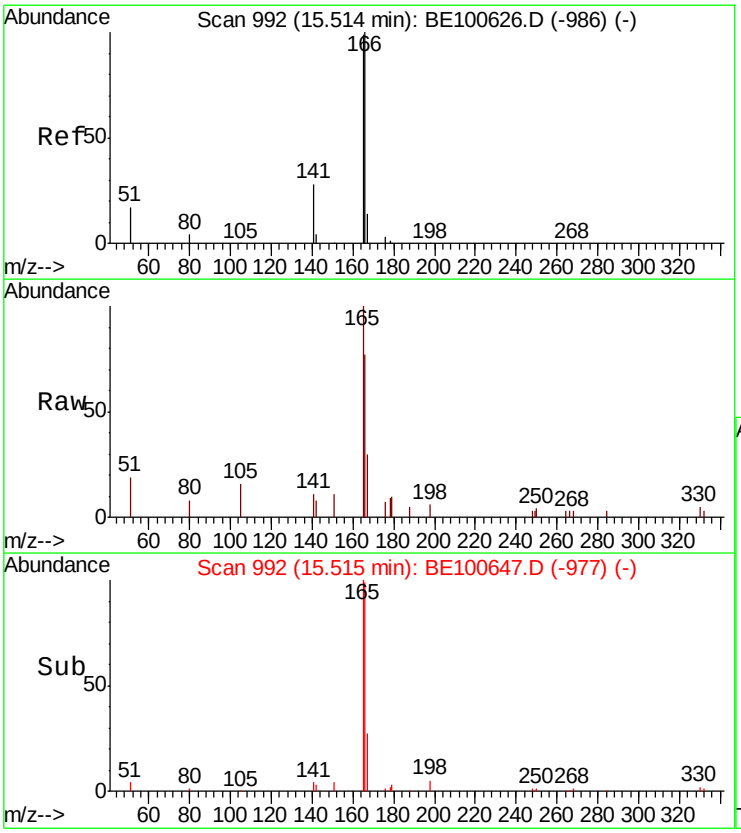
#17
Acenaphthene
Concen: 0.050 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1791

Ion	Ratio	Lower	Upper
154	100		
153	129.0	91.4	137.2
152	59.9	44.0	66.0

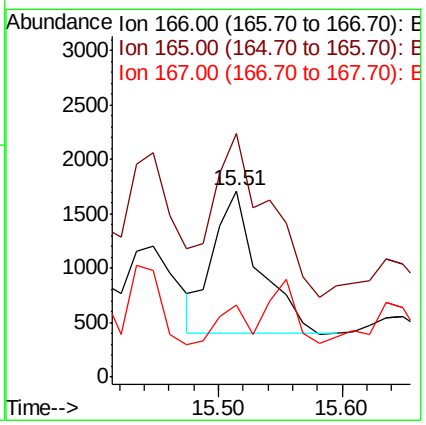


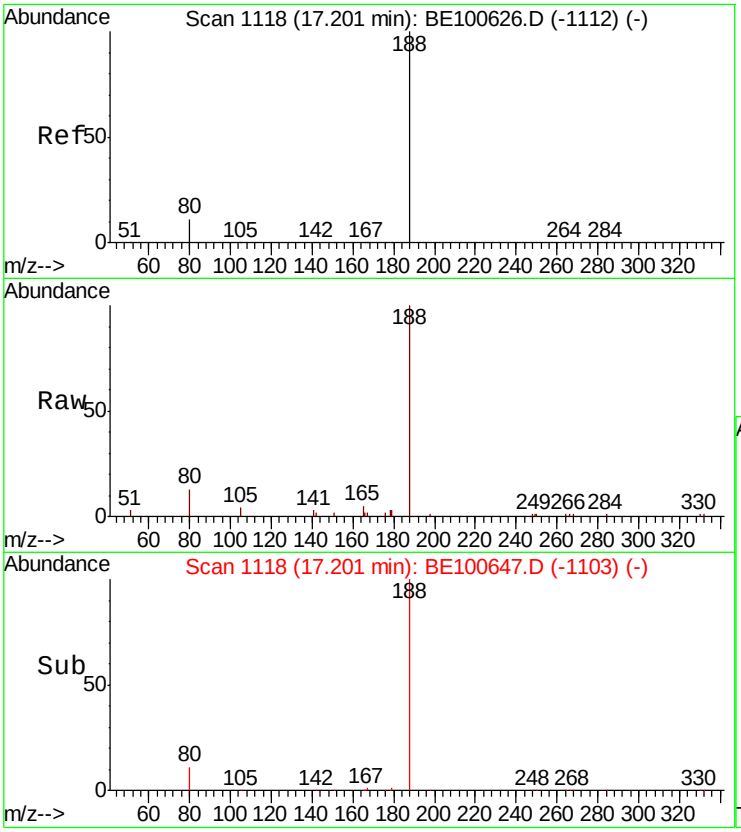


#18
Fluorene
Concen: 0.071 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:166 Resp: 3355

Ion	Ratio	Lower	Upper
166	100		
165	136.9	78.9	118.3#
167	0.0	10.9	16.3#



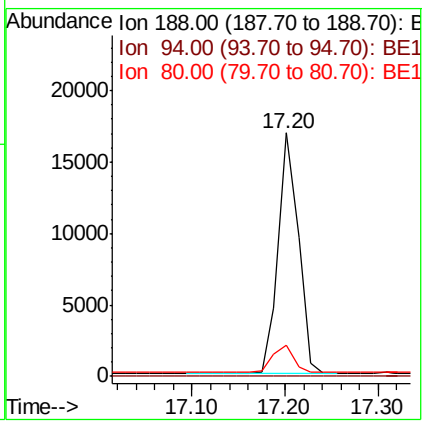


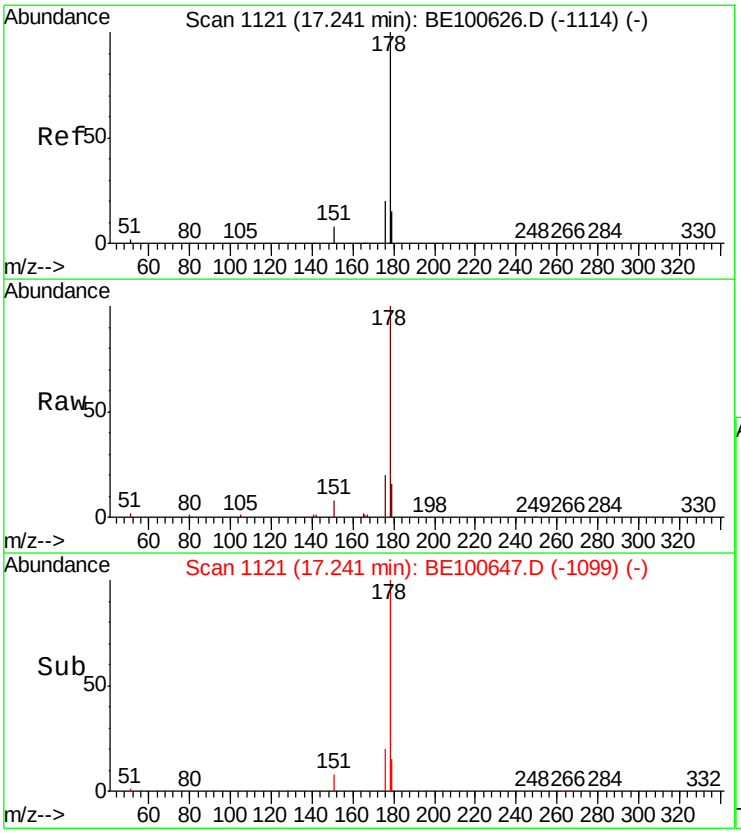
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 25751

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	9.4	14.2

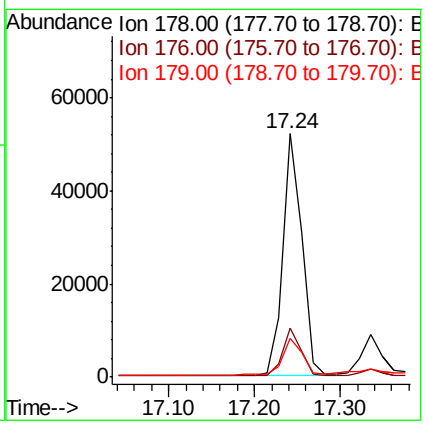


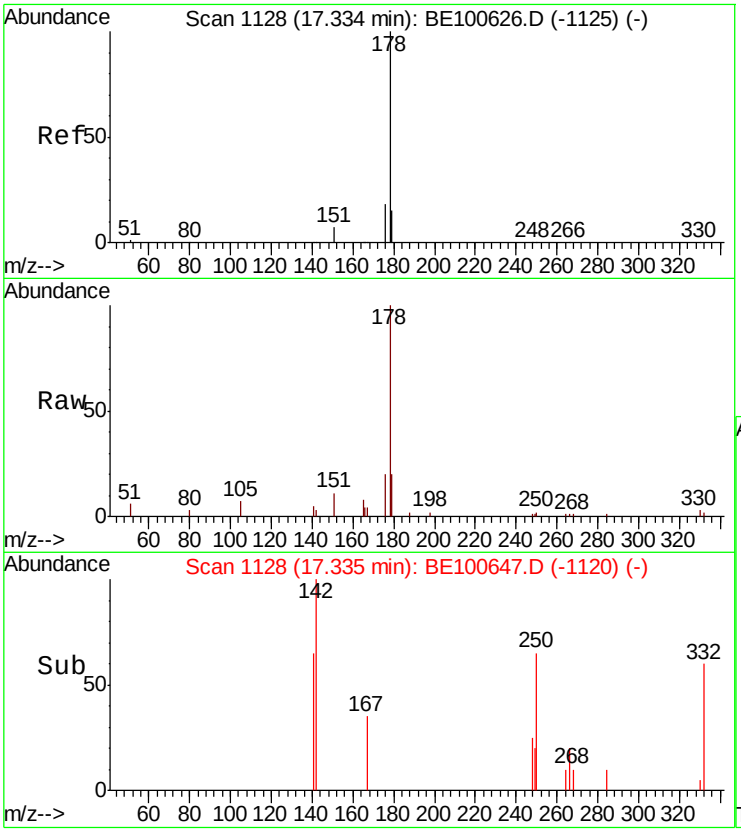


#23
Phenanthrene
Concen: 1.125 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:178 Resp: 79714

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.3	12.4	18.6



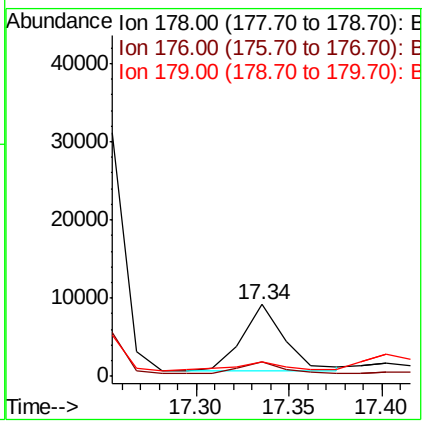


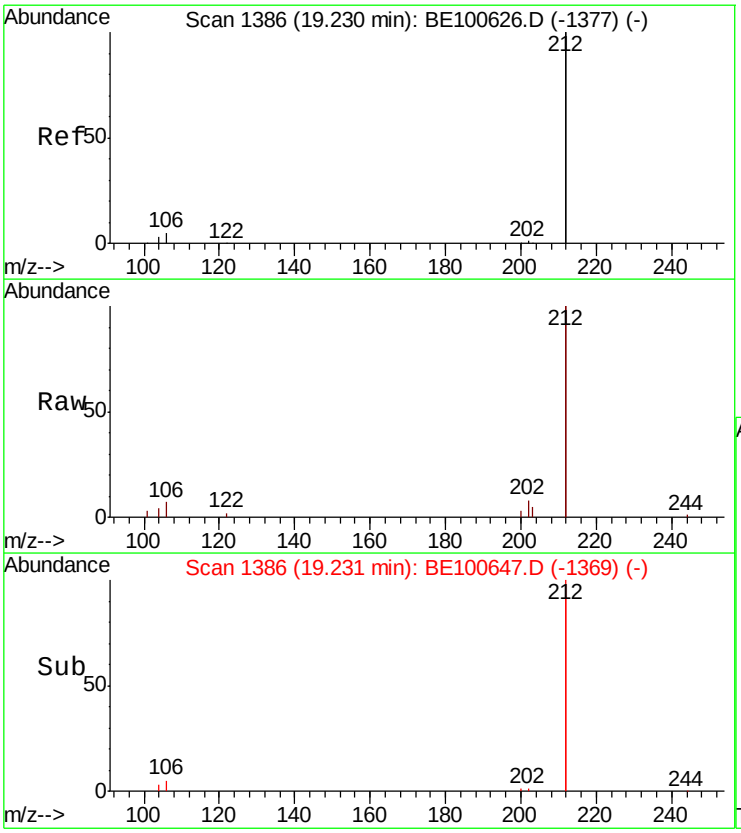
#24
Anthracene
Concen: 0.200 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13157

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	17.7	12.4	18.6

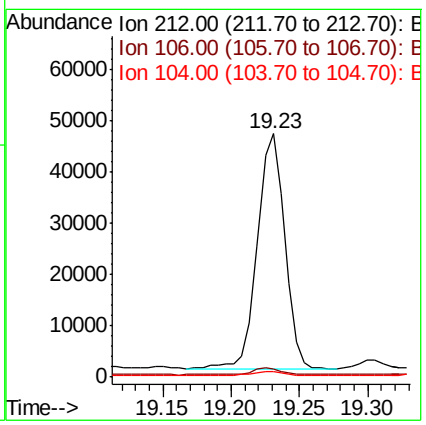


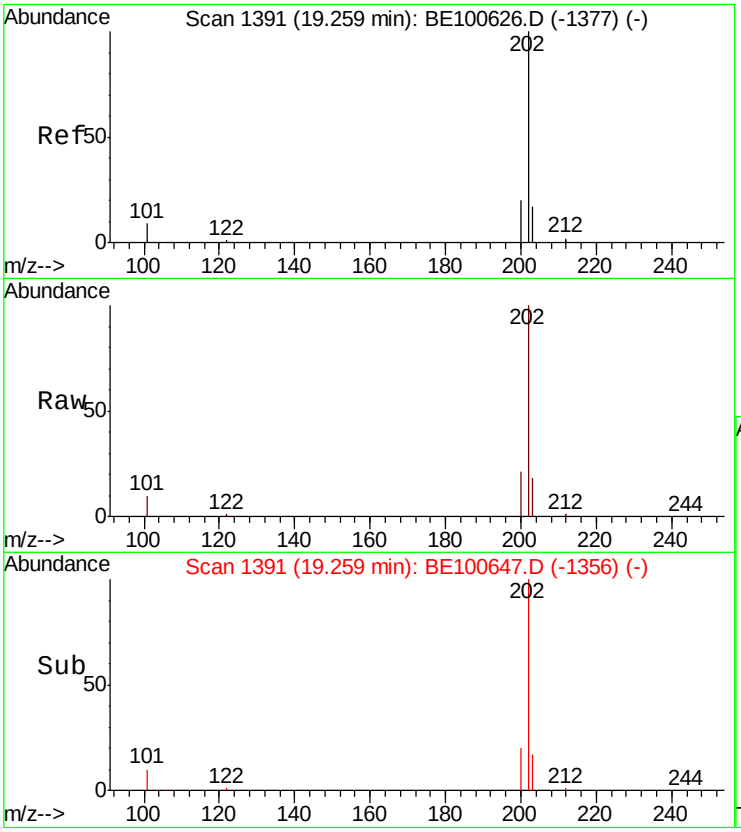


#25
Fluoranthene-d10
Concen: 0.191 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:212 Resp: 63494

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.2	3.4
104	2.0	1.3	1.9#



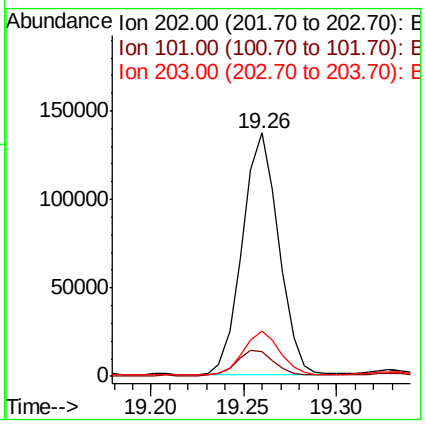


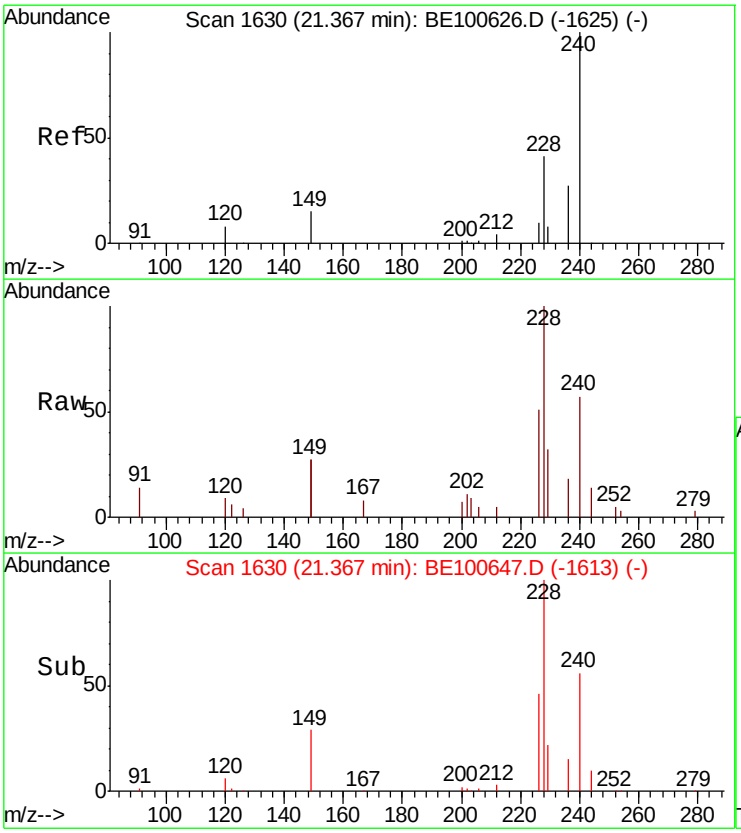
#26
Fluoranthene
Concen: 2.000 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 184931

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

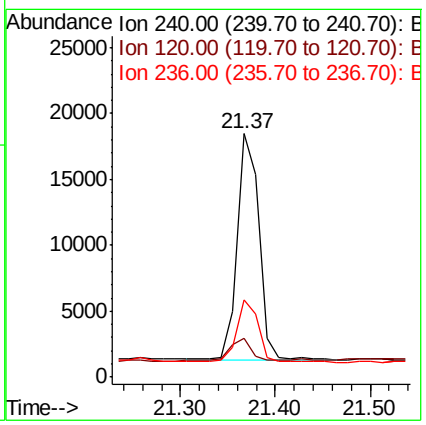


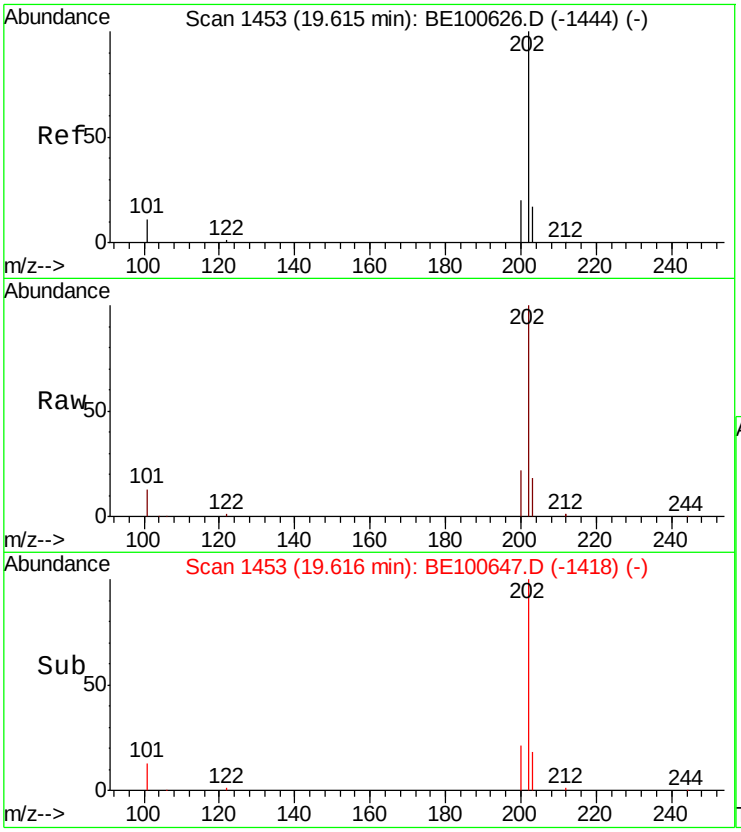


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:240 Resp: 27101

Ion	Ratio	Lower	Upper
240	100		
120	16.0	7.4	11.0#
236	31.7	21.7	32.5



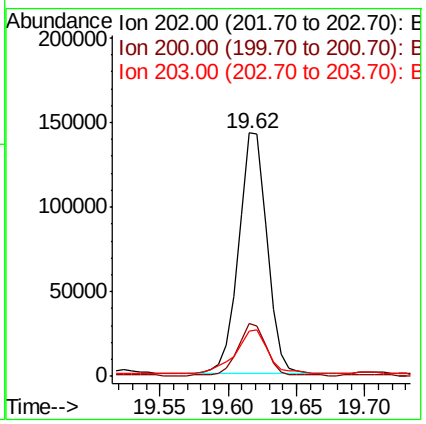


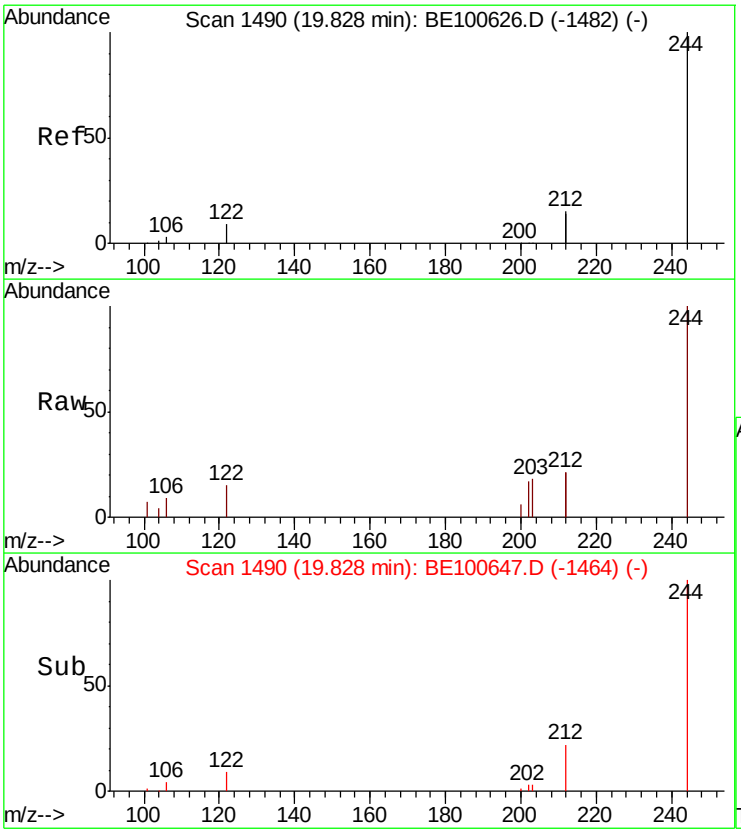
#28
Pyrene
Concen: 2.703 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 204695

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	21.5	13.9	20.9#

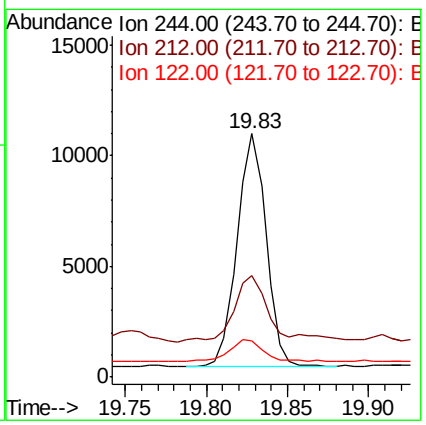


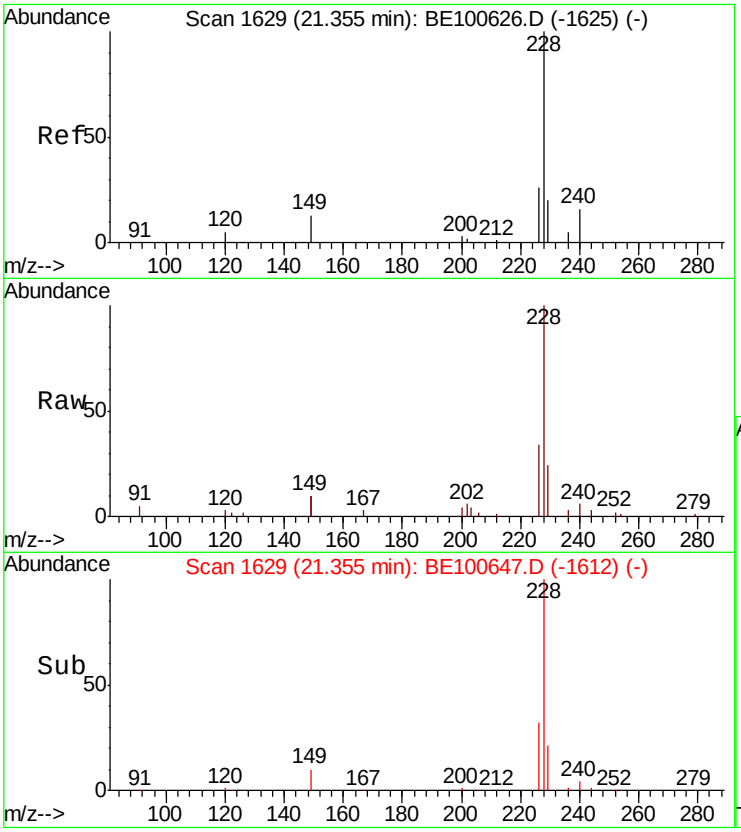


#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:244 Resp: 13137

Ion	Ratio	Lower	Upper
244	100		
212	41.8	23.9	35.9#
122	14.7	7.7	11.5#



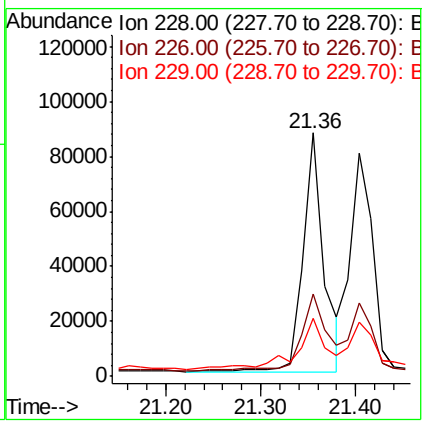


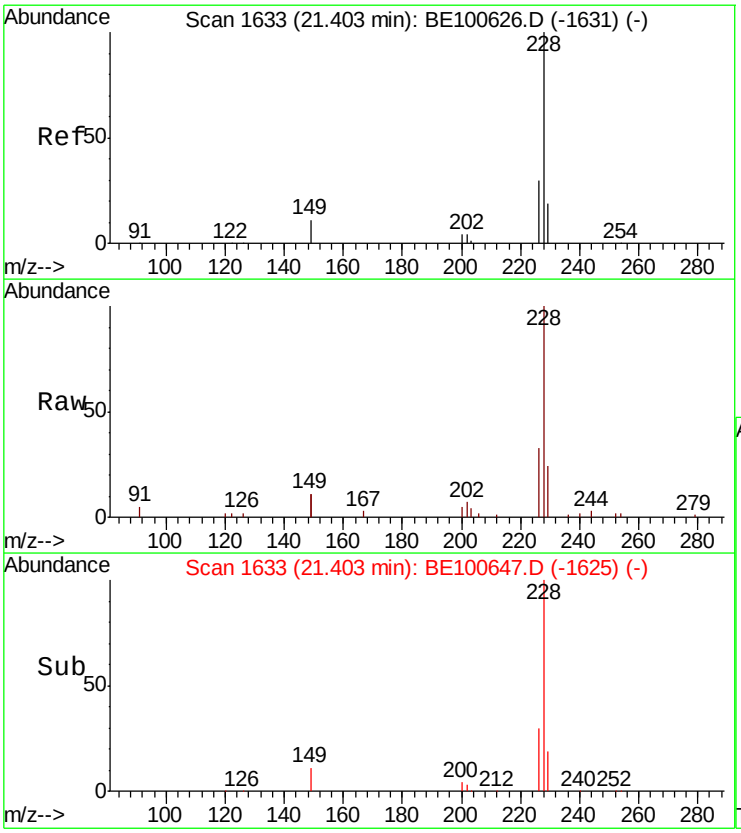
#30
Benzo(a)anthracene
Concen: 1.486 ng
RT: 21.36 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 131338

Ion	Ratio	Lower	Upper
228	100		
226	34.1	21.0	31.6#
229	23.8	15.8	23.8

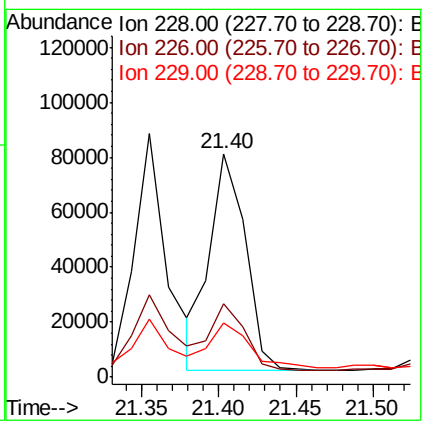


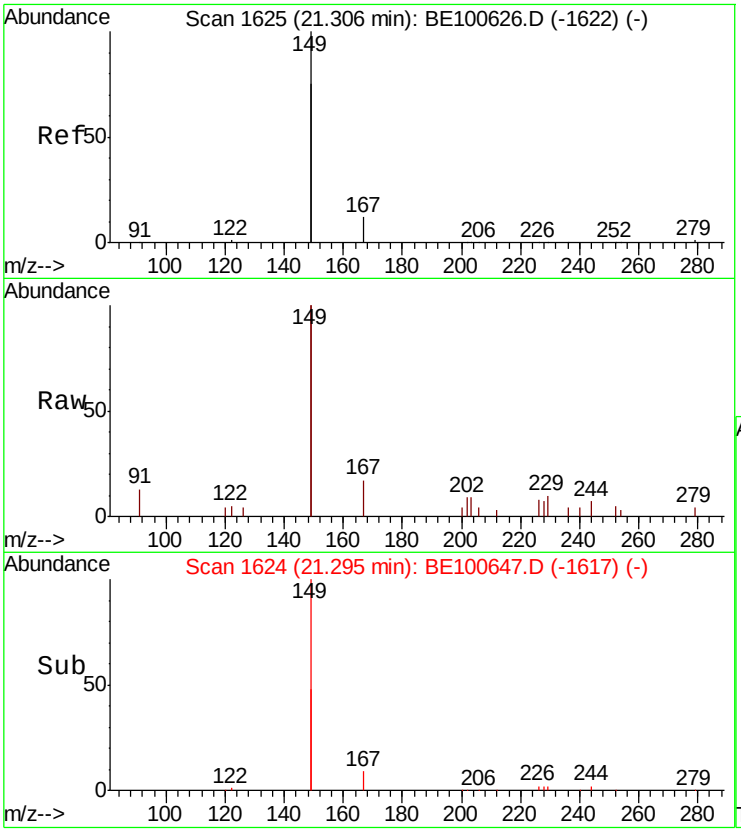


#31
Chrysene
Concen: 1.440 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:228 Resp: 127254

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.5	36.7
229	24.4	15.6	23.4#



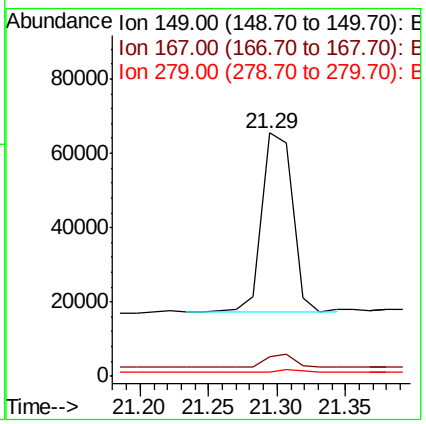


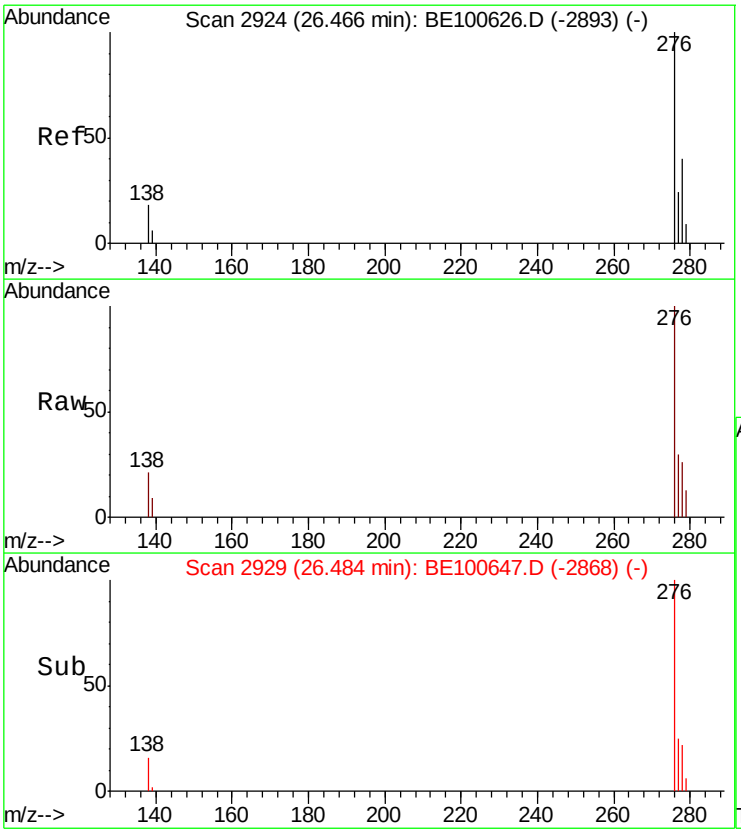
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.408 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 75446

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.2
279	1.4	1.5	2.3#

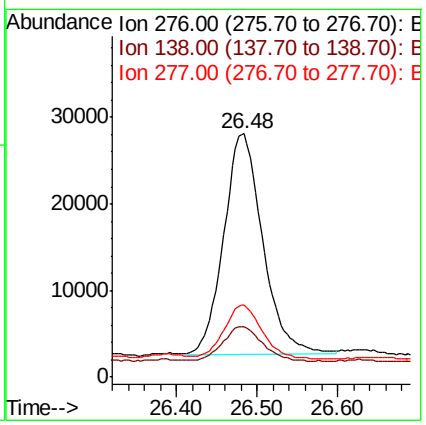


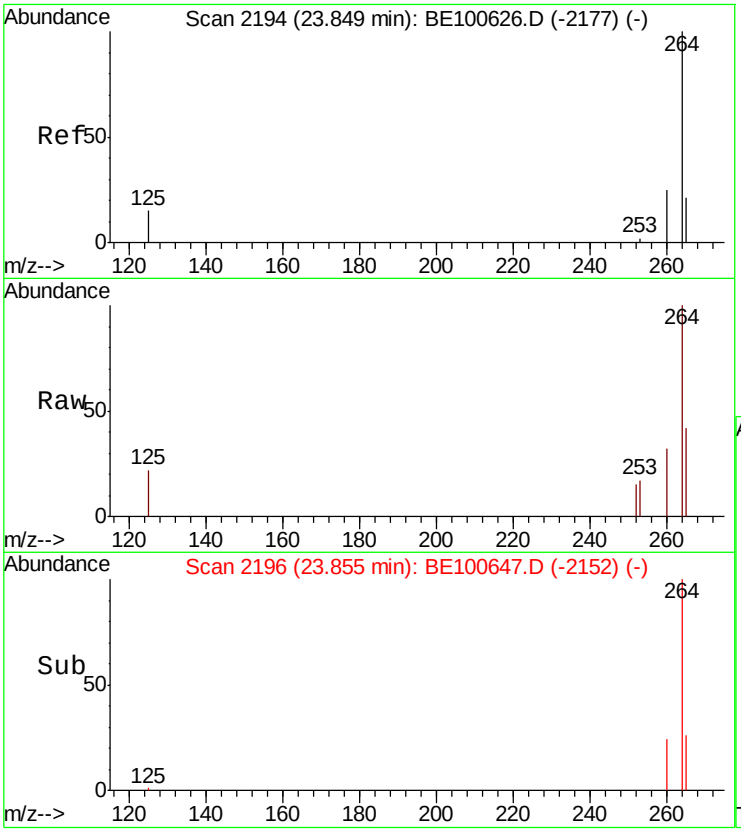


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.792 ng
RT: 26.48 min Scan# 2929
Delta R.T. 0.02 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:276 Resp: 86007

Ion	Ratio	Lower	Upper
276	100		
138	15.8	16.0	24.0#
277	24.1	19.7	29.5



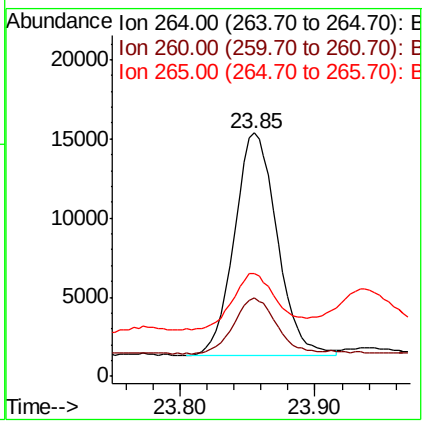


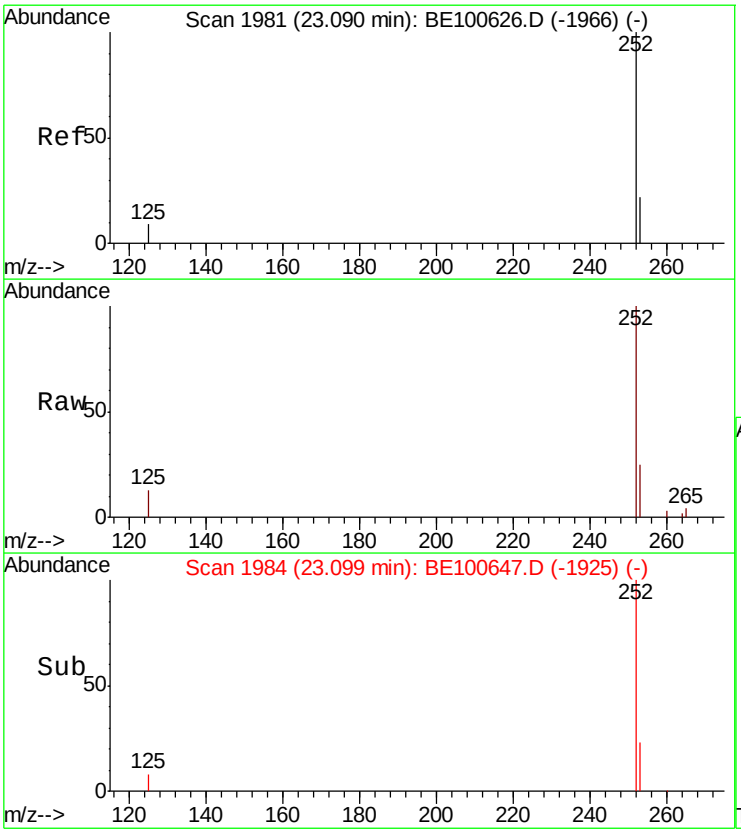
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 31182

Ion	Ratio	Lower	Upper
264	100		
260	32.0	19.9	29.9#
265	42.1	20.0	30.0#

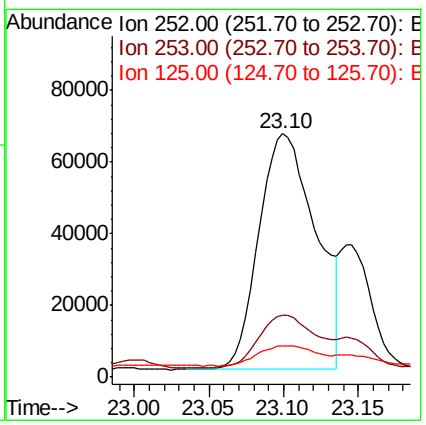


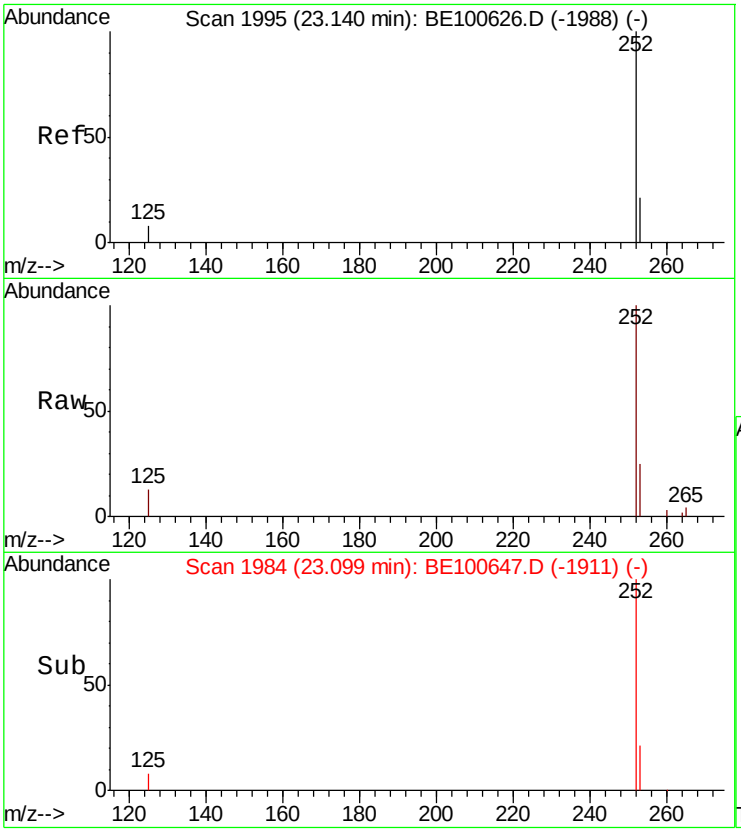


#35
Benzo(b)fluoranthene
Concen: 1.928 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:252 Resp: 175331

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.8
125	13.0	7.6	11.4#



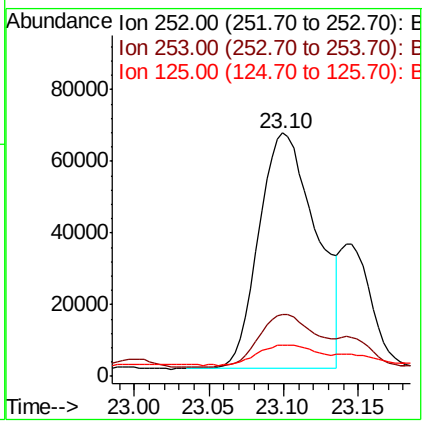


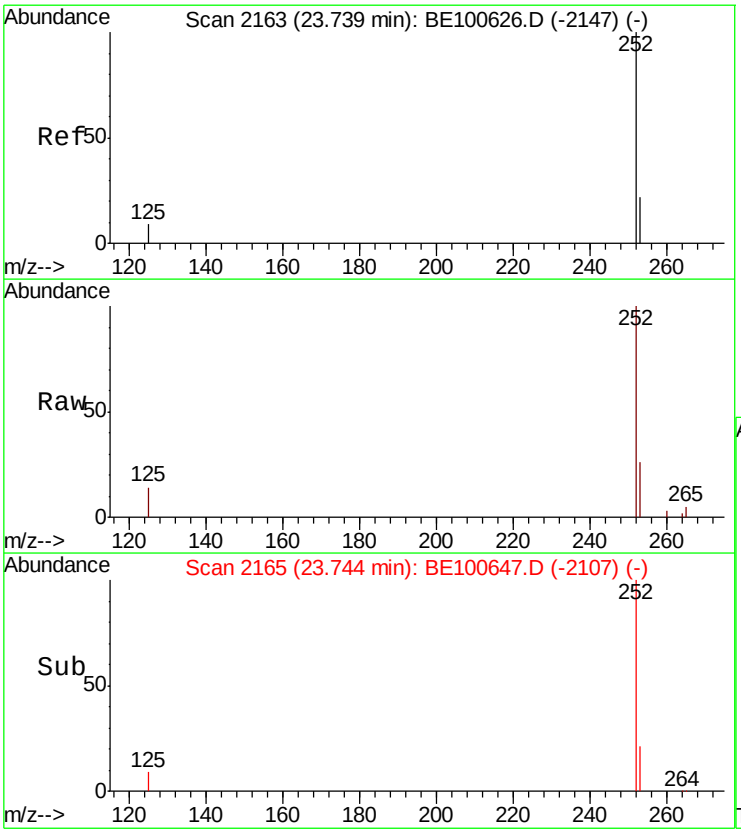
#36
Benzo(k)fluoranthene
Concen: 1.875 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.04 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 175331

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	13.0	7.6	11.4#

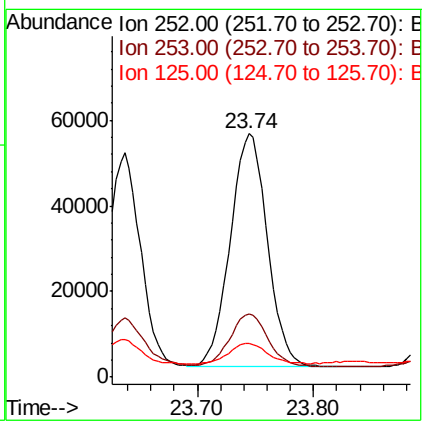


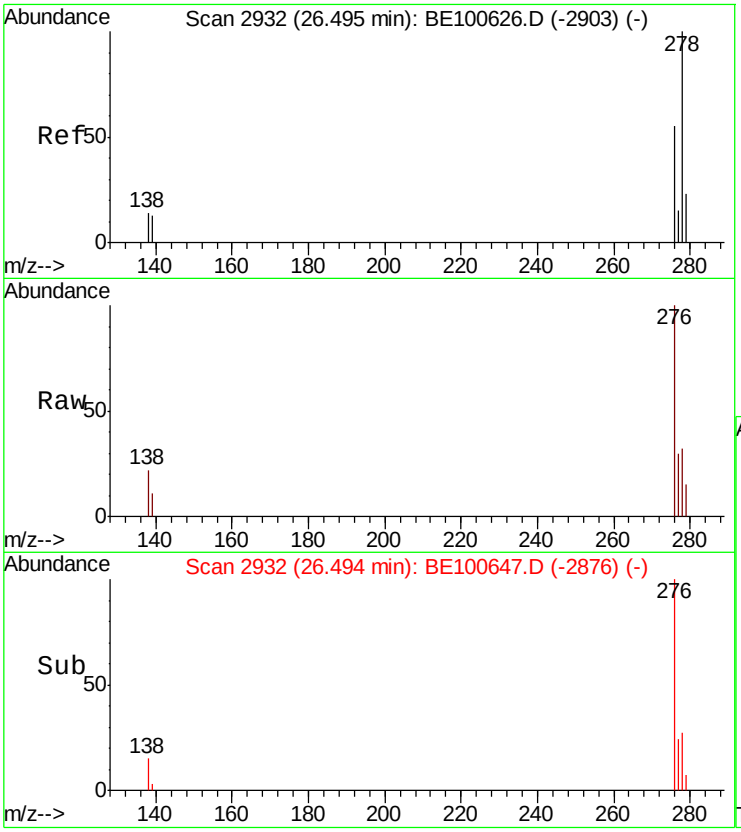


#37
Benzo(a)pyrene
Concen: 1.429 ng
RT: 23.74 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:252 Resp: 120920

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.2
125	13.9	8.1	12.1#



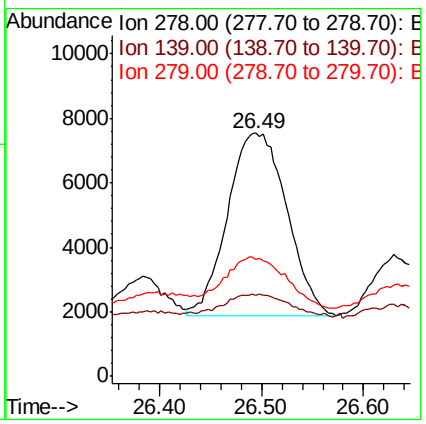


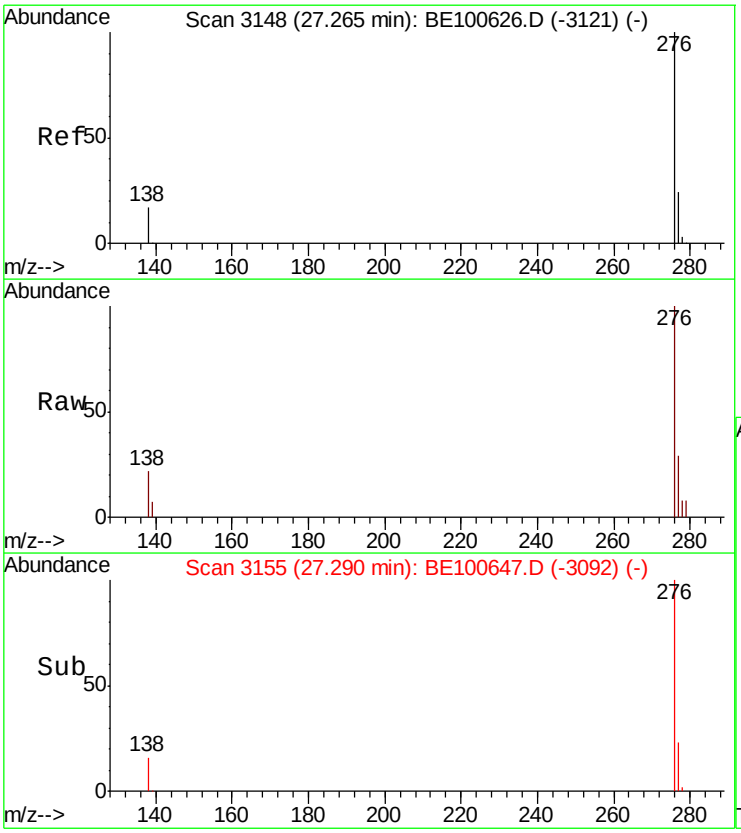
#38
Dibenzo(a,h)anthracene
Concen: 0.261 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 22845

Ion	Ratio	Lower	Upper
278	100		
139	33.4	11.2	16.8#
279	48.0	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 1.090 ng
RT: 27.29 min Scan# 3155
Delta R.T. 0.02 min
Lab File: BE100647.D
Acq: 15 Oct 2019 12:53

Tgt Ion:276 Resp: 95870

Ion	Ratio	Lower	Upper
276	100		
277	29.4	19.3	28.9#
138	21.8	14.5	21.7#