Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100645.D
Acq On : 15 Oct 2019 11:39
Operator : JU
Sample : K4994-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 15 12:22:07 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	7.85	152	3442	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	16266	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	11575	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	26853	0.40	ng		0.00
27) Chrysene-d12	21.38	240	30648	0.40	ng		0.01
34) Perylene-d12	23.86	264	36647	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2529	0.24	ng		0.00
5) Phenol-d6	7.01	99	4004	0.27	ng		0.00
8) Nitrobenzene-d5	8.99	82	3104	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	6231	0.24	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	1107	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	8198	0.19	ng		0.00
25) Fluoranthene-d10	19.23	212	80460	0.23	ng		0.00
29) Terphenyl-d14	19.83	244	15348	0.23	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	26530	0.155	ng	#	99
12) 2-Methylnaphthalene	12.31	142	7010	0.240	ng		95
16) Acenaphthylene	14.20	152	40818	0.820	ng	#	79
17) Acenaphthene	14.54	154	8286	0.257	ng		93
18) Fluorene	15.51	166	18435	0.431	ng	#	81
22) Pentachlorophenol	16.87	266	104	0.025	ng	#	72
23) Phenanthrene	17.24	178	570435	7.723	ng		100
24) Anthracene	17.34	178	50987	0.744	ng		99
26) Fluoranthene	19.26	202	578727	6.003	ng		98
28) Pyrene	19.62	202	1005197	11.739	ng	#	95
30) Benzo(a)anthracene	21.41	228	485580	4.857	ng		92
31) Chrysene	21.41	228	483304	4.837	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	74553	0.357	ng	#	93
33) Indeno(1,2,3-cd)pyrene	26.48	276	189949	1.547	ng		97
35) Benzo(b)fluoranthene	23.10	252	503388	4.711	ng		97
36) Benzo(k)fluoranthene	23.10	252	503388	4.580	ng		97
37) Benzo(a)pyrene	23.74	252	328794	3.306	ng		99
38) Dibenzo(a,h)anthracene	26.50	278	61318	0.596	ng	#	80
39) Benzo(g,h,i)perylene	27.29	276	231965	2.243	ng		96

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

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Data File : BE100645.D
Acq On : 15 Oct 2019 11:39
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ALS Vial : 6 Sample Multiplier: 1

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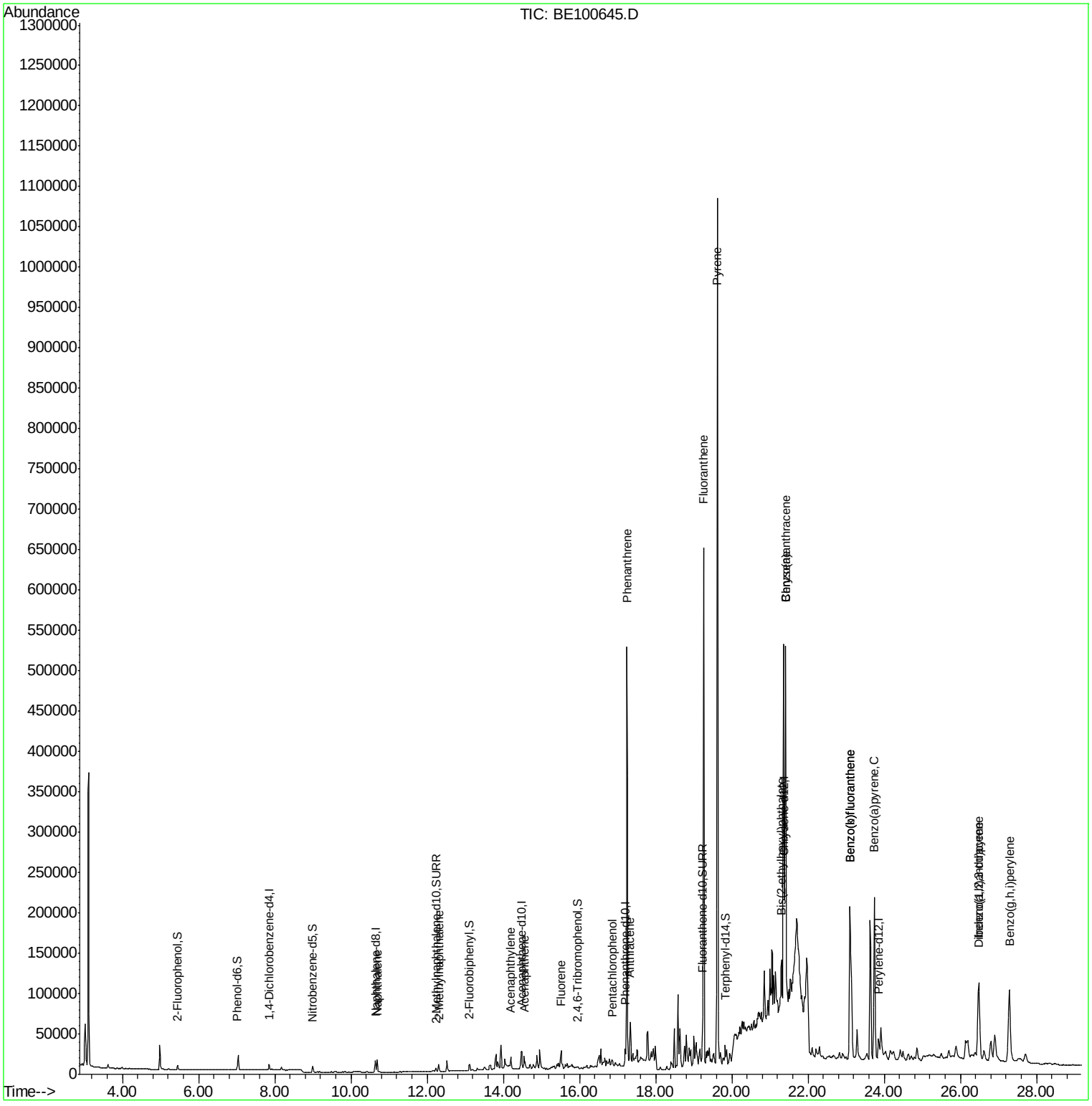
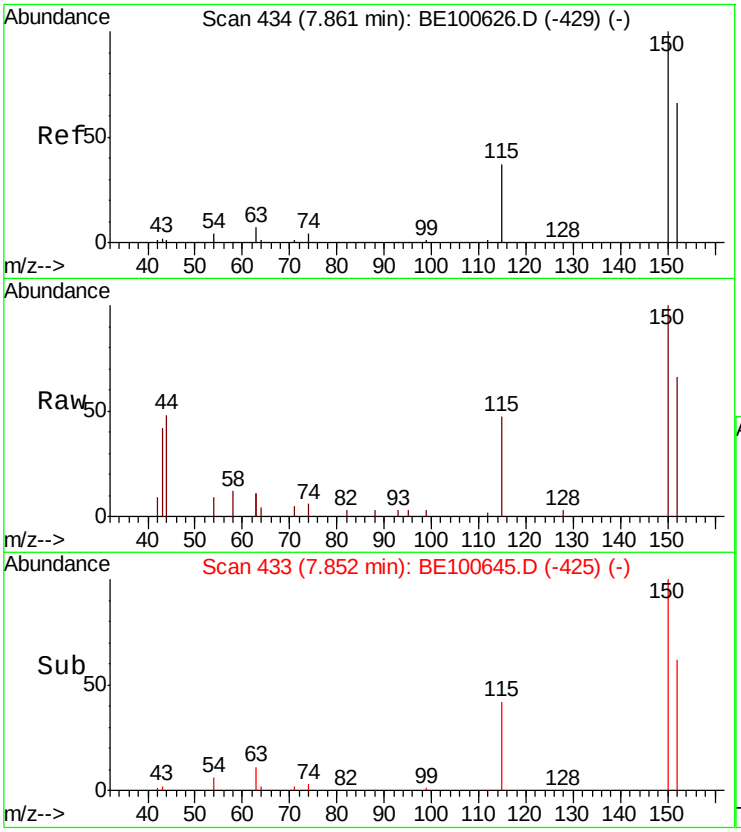
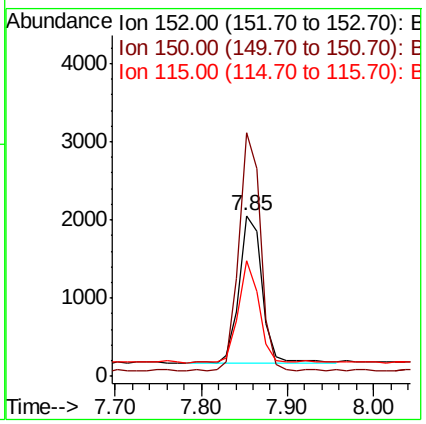




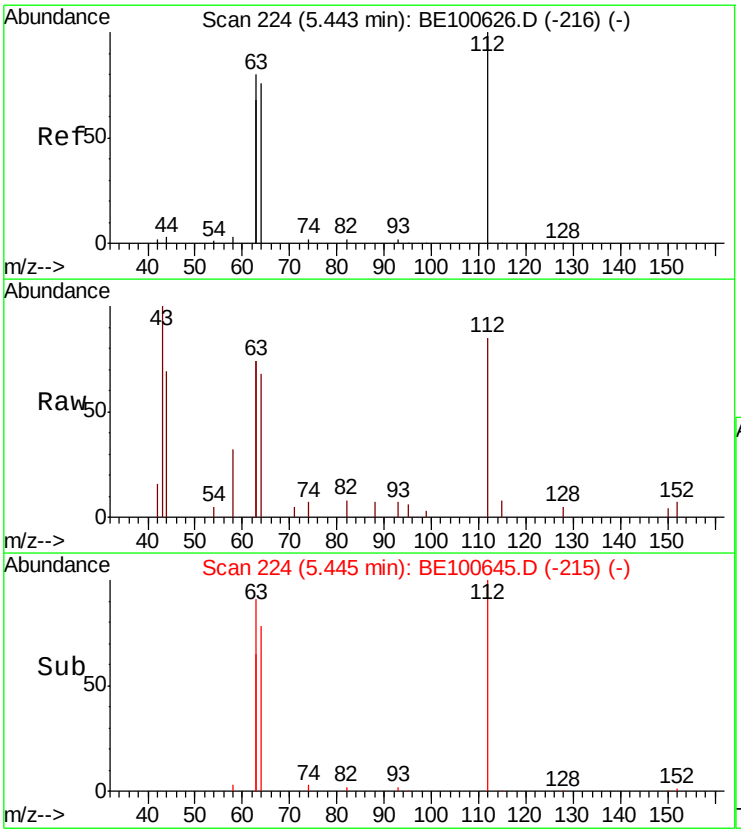
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:152 Resp: 3442

Ion	Ratio	Lower	Upper
152	100		
150	151.5	120.7	181.1
115	71.6	48.0	72.0



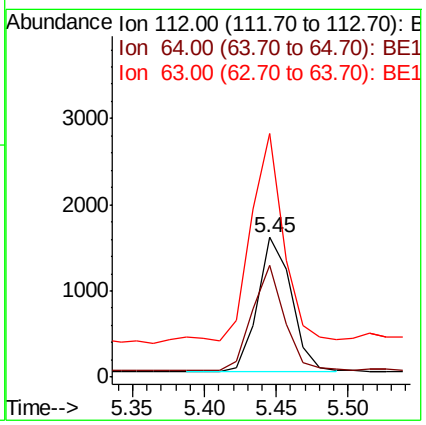
Instrument :
BNA_E
ClientSampleId :

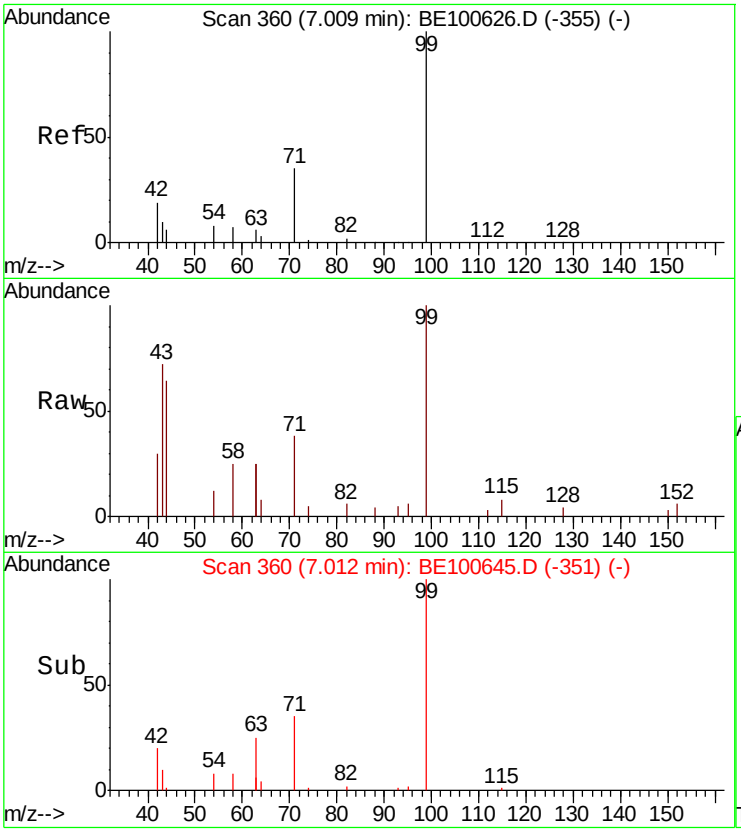


#4
2-Fluorophenol
Concen: 0.238 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:112 Resp: 2529

Ion	Ratio	Lower	Upper
112	100		
64	74.0	58.9	88.3
63	155.2	118.3	177.5



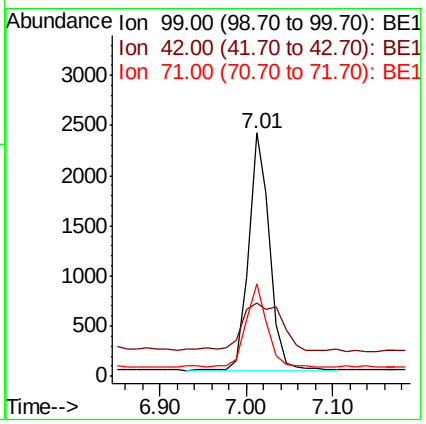


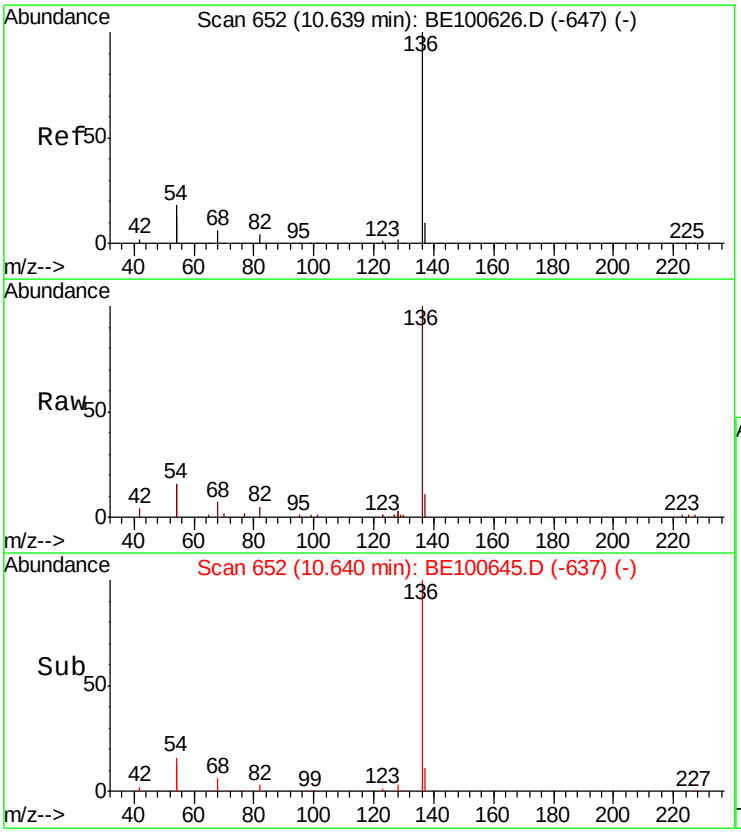
#5
Phenol-d6
Concen: 0.267 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4004

Ion	Ratio	Lower	Upper
99	100		
42	38.8	19.4	29.2#
71	35.7	26.9	40.3

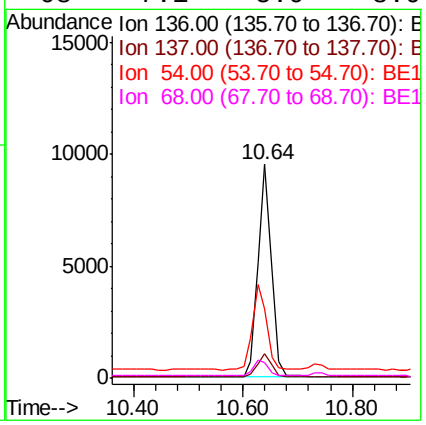


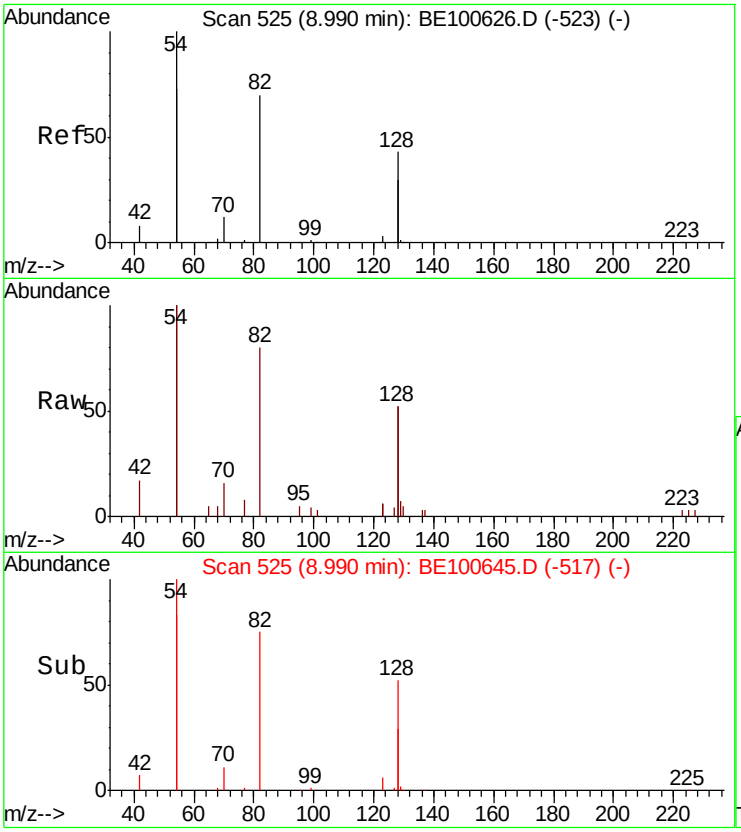


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:136 Resp: 16266

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	32.3	28.7	43.1
68	7.1	5.9	8.9



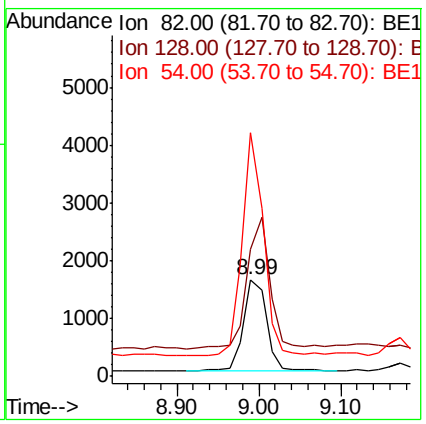


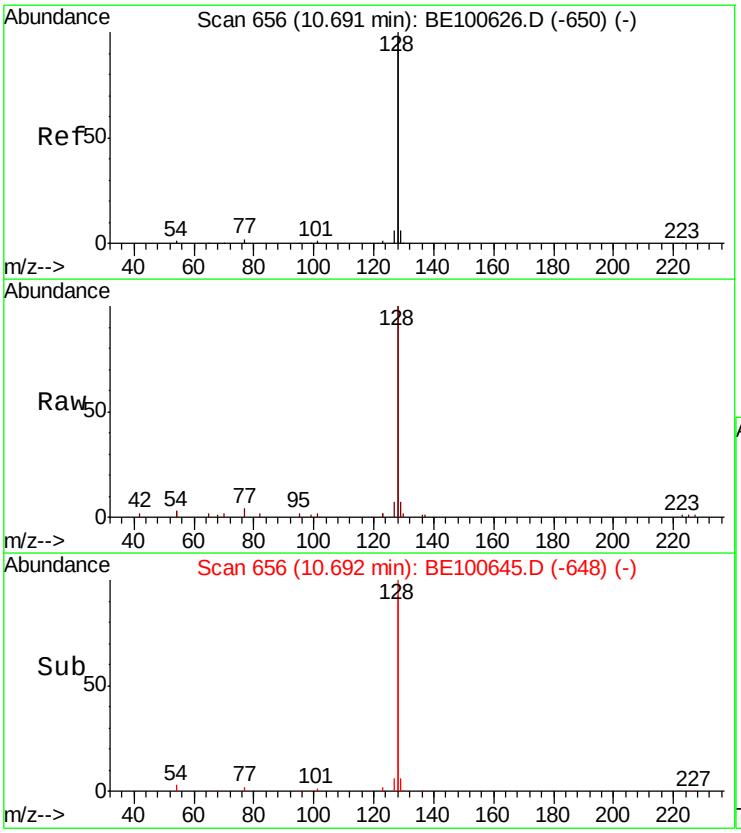
#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 3104

Ion	Ratio	Lower	Upper
82	100		
128	130.6	90.7	136.1
54	251.2	210.9	316.3

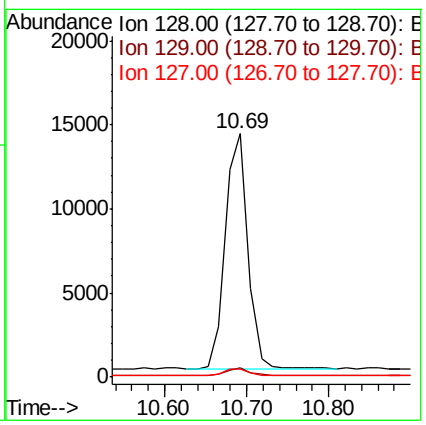


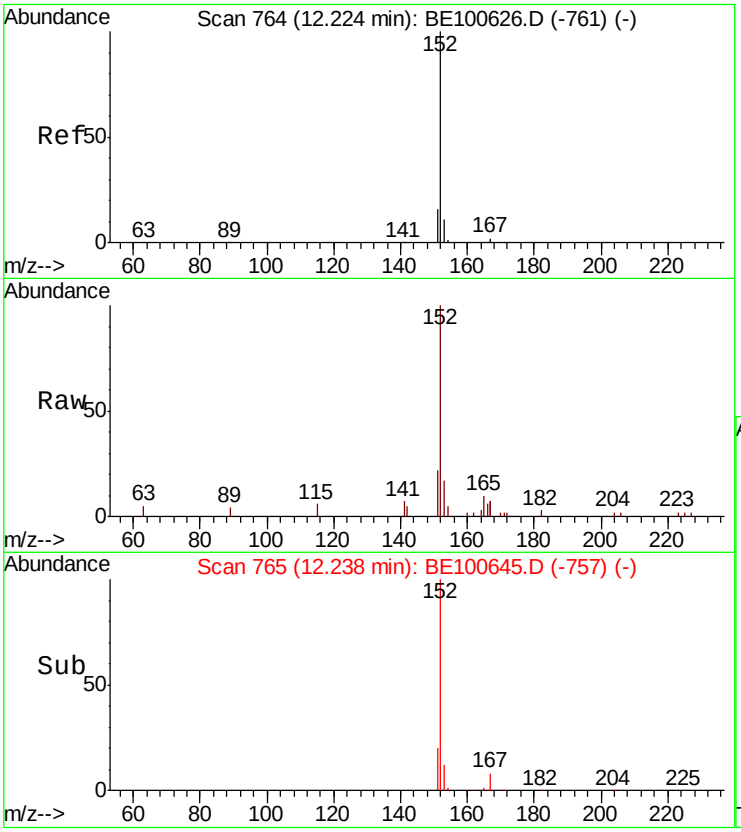


#9
Naphthalene
Concen: 0.155 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:128 Resp: 26530

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.4	3.6#
127	3.5	2.6	3.8



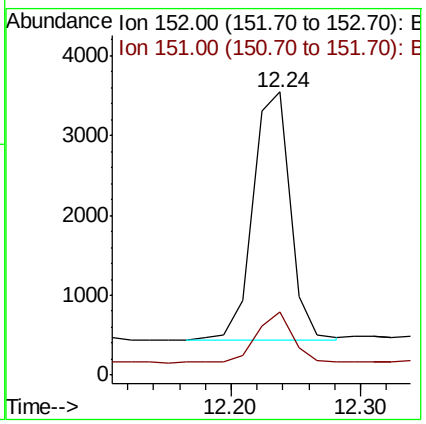


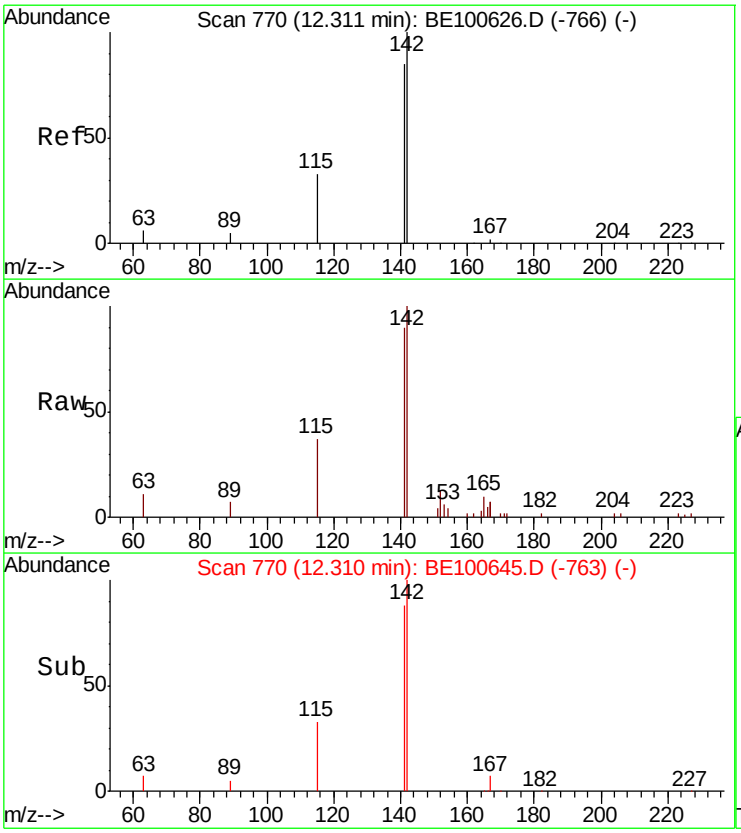
#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6231

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.2	22.8

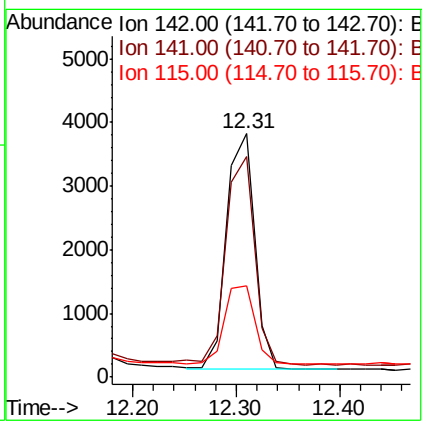


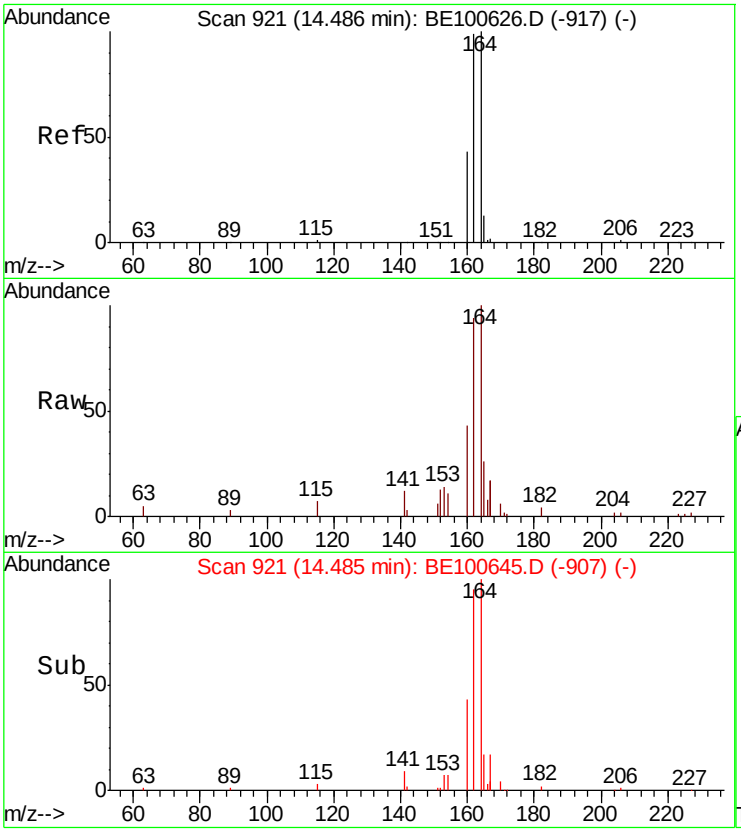


#12
2-Methylnaphthalene
Concen: 0.240 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:142 Resp: 7010

Ion	Ratio	Lower	Upper
142	100		
141	90.4	68.3	102.5
115	37.4	27.5	41.3



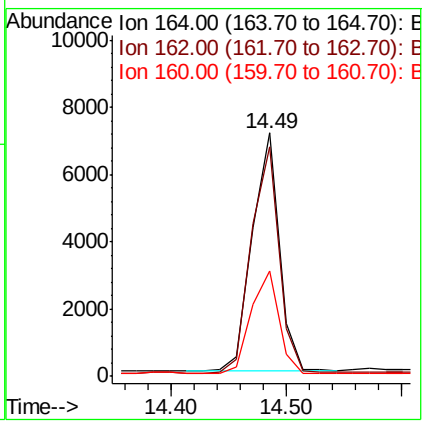


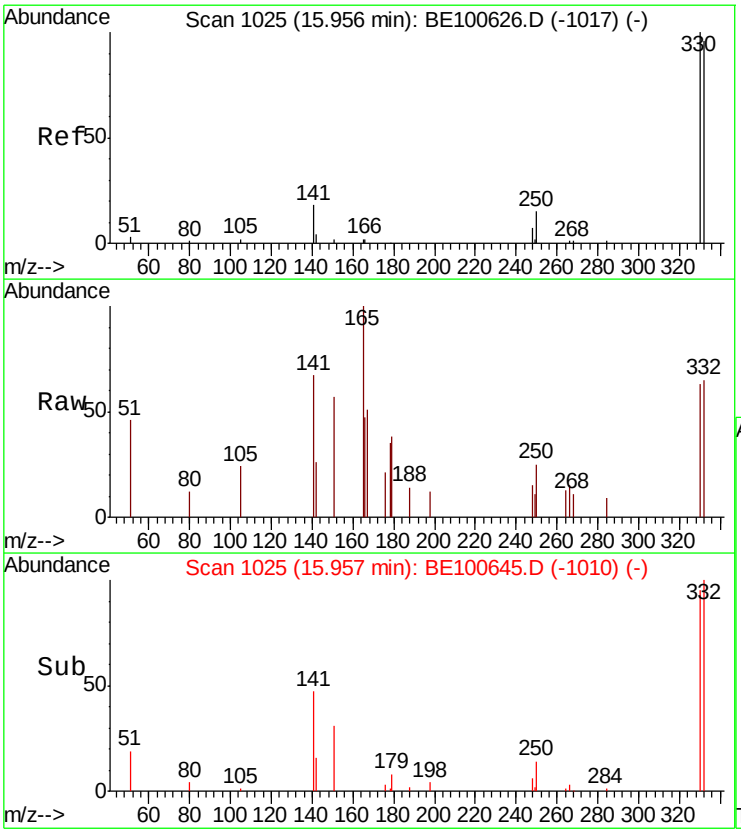
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11575

Ion	Ratio	Lower	Upper
164	100		
162	94.4	79.1	118.7
160	43.3	34.7	52.1

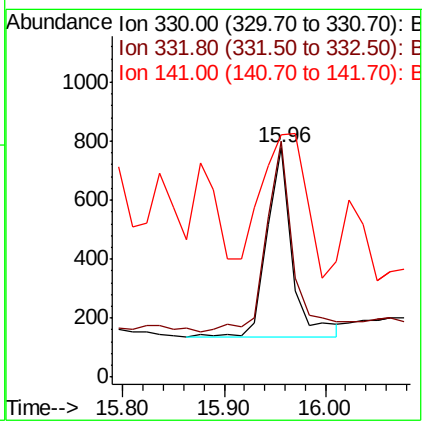


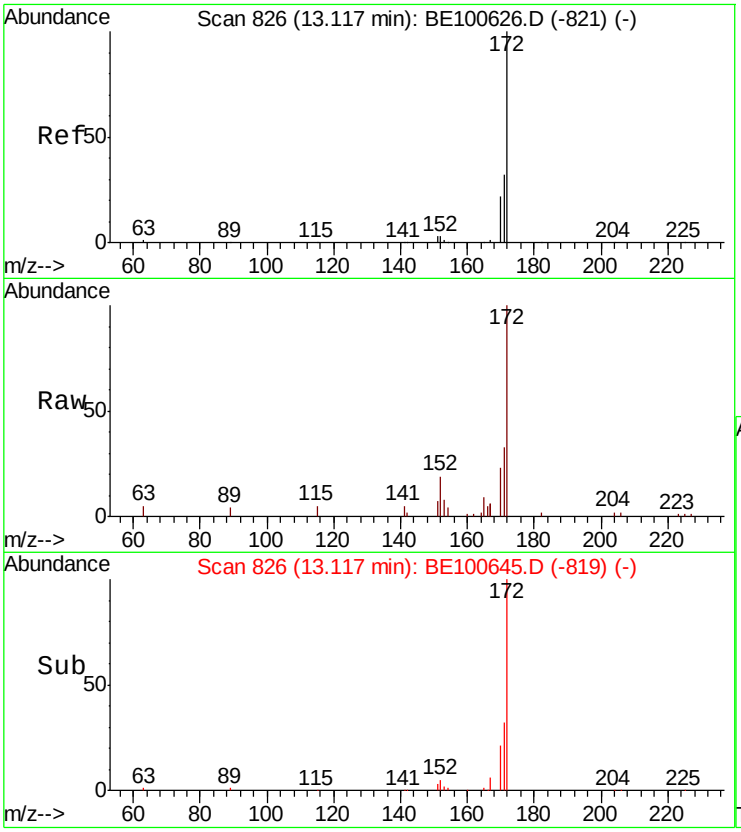


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:330 Resp: 1107

Ion	Ratio	Lower	Upper
330	100		
332	110.2	75.2	112.8
141	138.2	37.5	56.3#



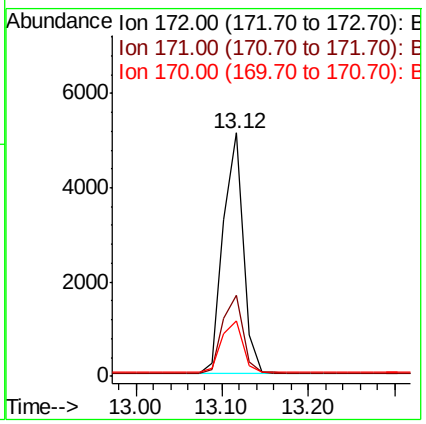


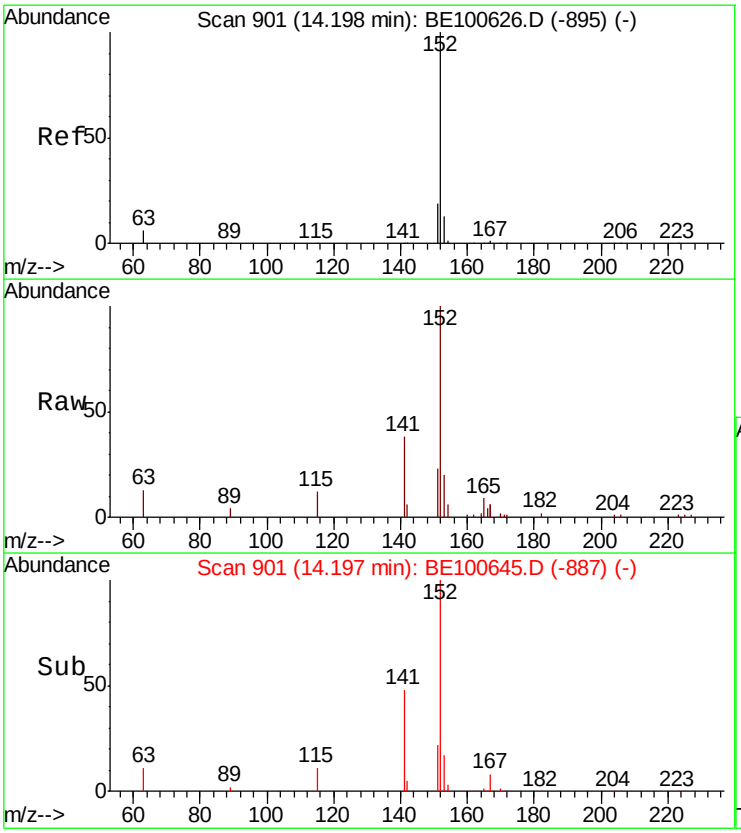
#15
2-Fluorobiphenyl
Concen: 0.194 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 8198

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.2	39.4
170	22.7	17.5	26.3

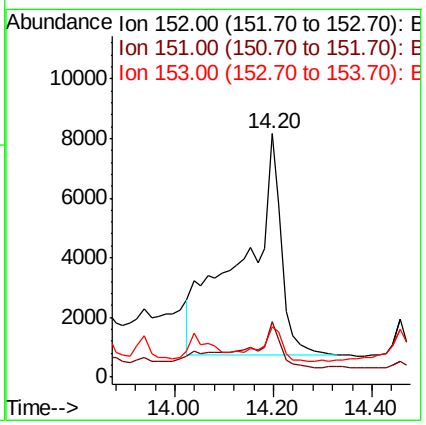


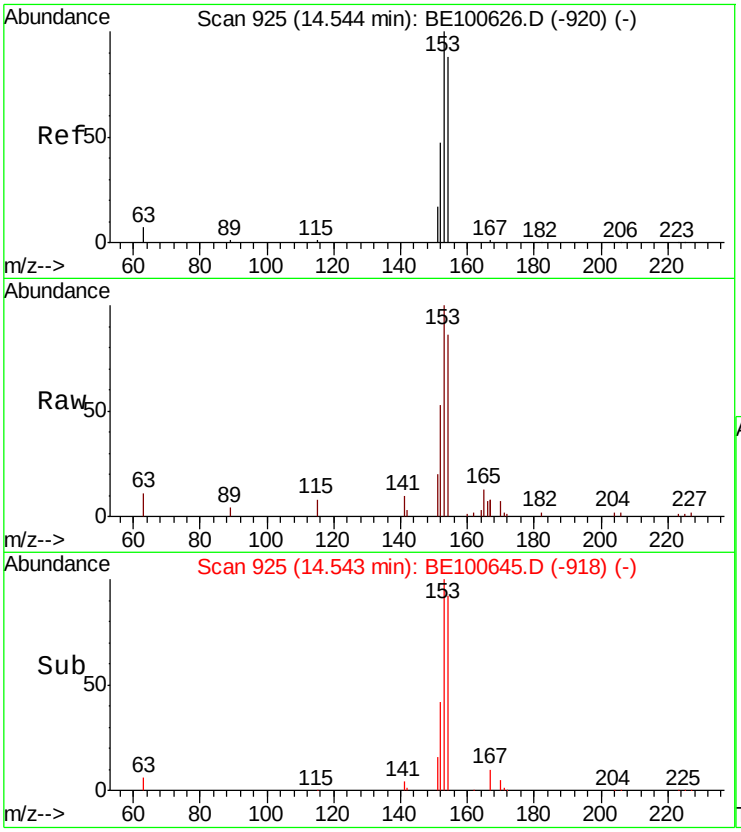


#16
Acenaphthylene
Concen: 0.820 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:152 Resp: 40818

Ion	Ratio	Lower	Upper
152	100		
151	7.6	15.6	23.4#
153	8.0	10.5	15.7#



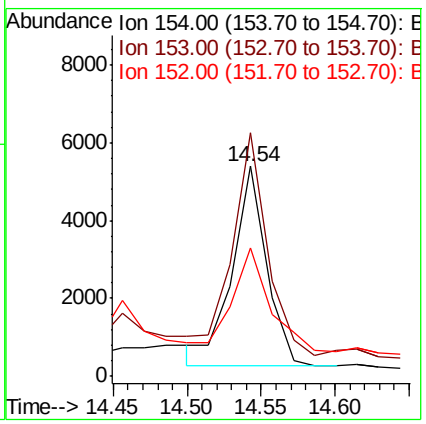


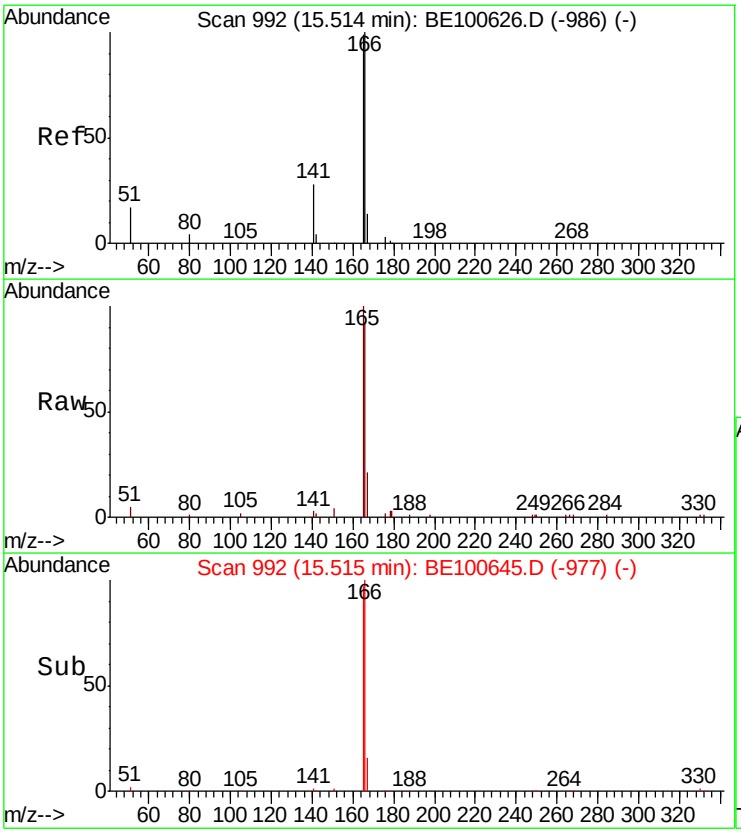
#17
Acenaphthene
Concen: 0.257 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8286

Ion	Ratio	Lower	Upper
154	100		
153	125.5	91.4	137.2
152	55.6	44.0	66.0

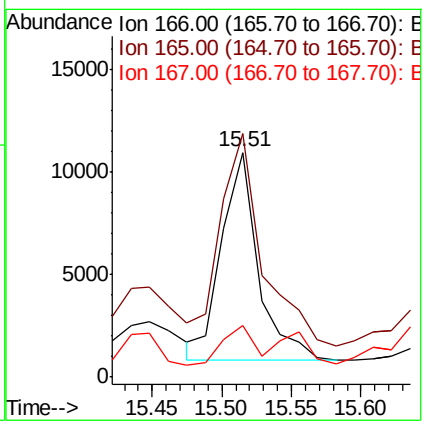


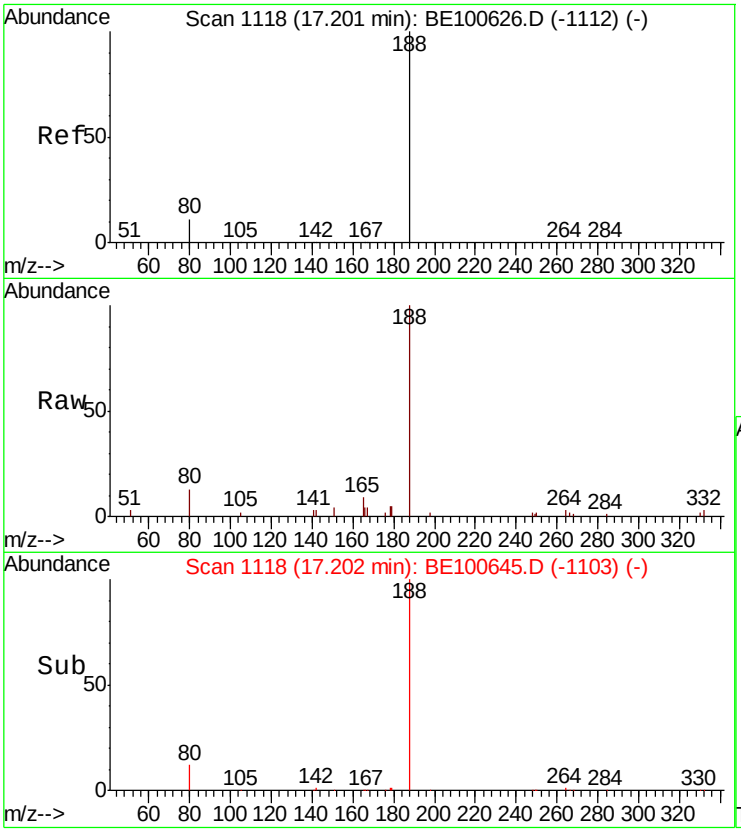


#18
Fluorene
Concen: 0.431 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:166 Resp: 18435

Ion	Ratio	Lower	Upper
166	100		
165	118.5	78.9	118.3#
167	17.1	10.9	16.3#



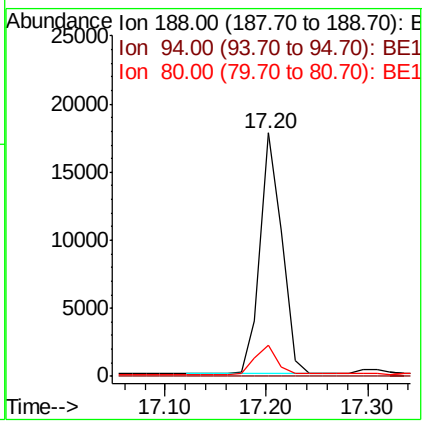


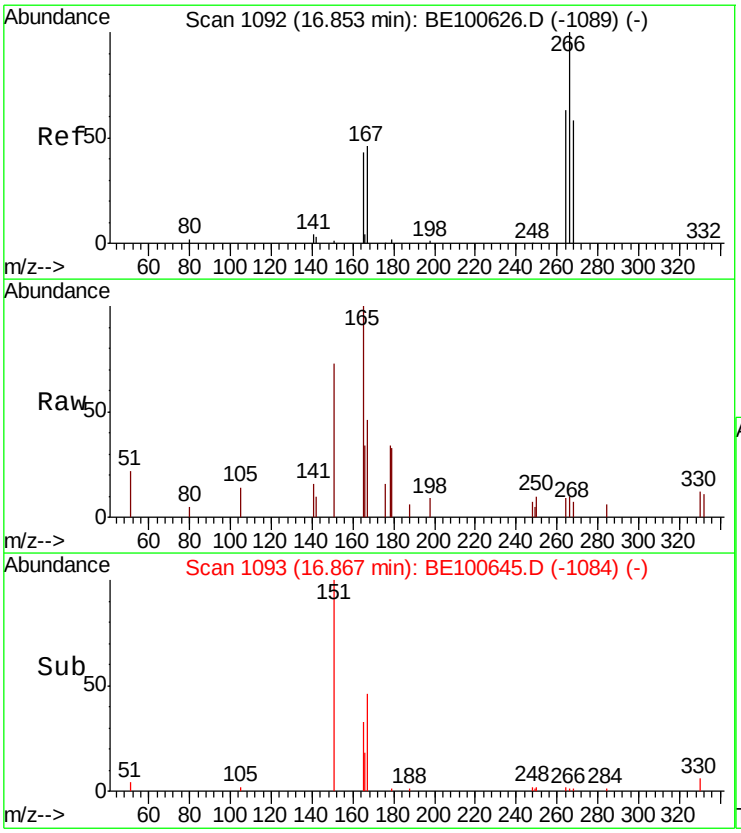
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 26853

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	9.4	14.2

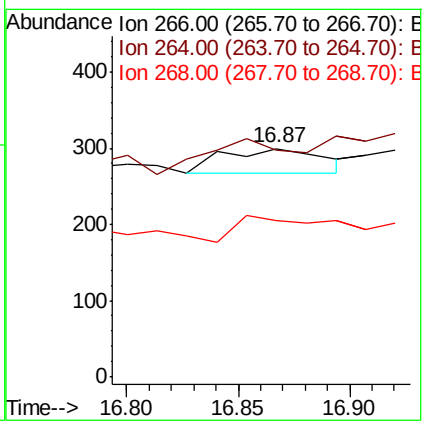


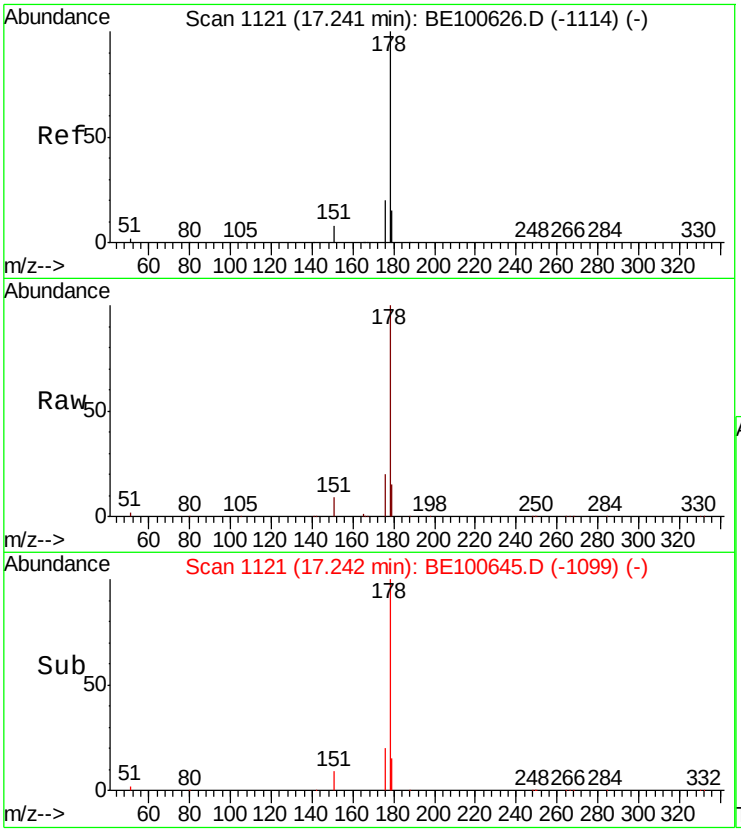


#22
Pentachlorophenol
Concen: 0.025 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:266 Resp: 104

Ion	Ratio	Lower	Upper
266	100		
264	99.0	50.7	76.1#
268	68.3	48.5	72.7



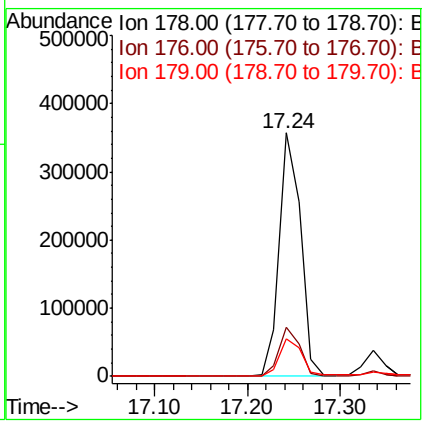


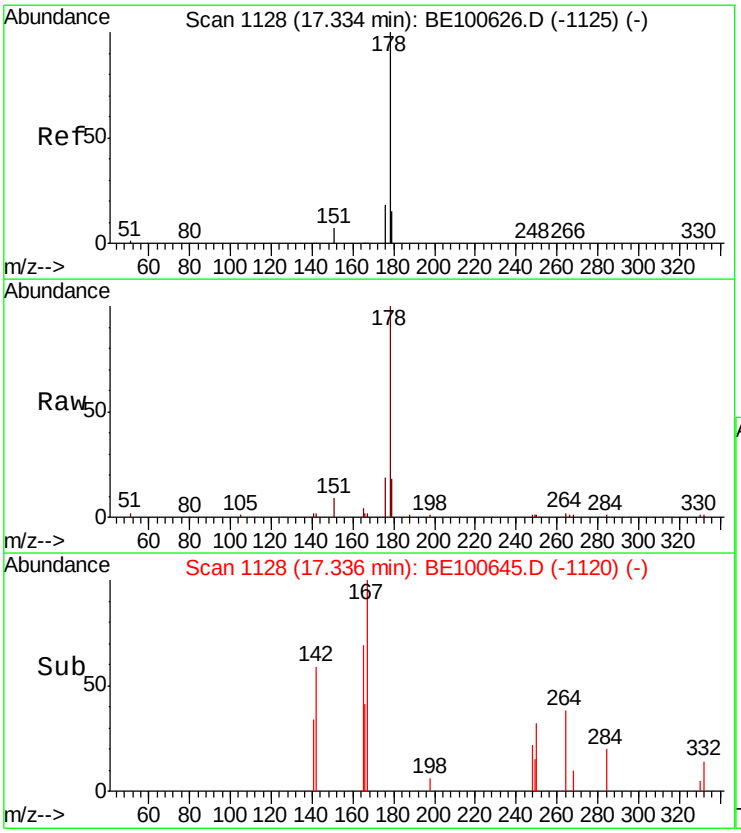
#23
Phenanthrene
Concen: 7.723 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 570435

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.8	12.4	18.6

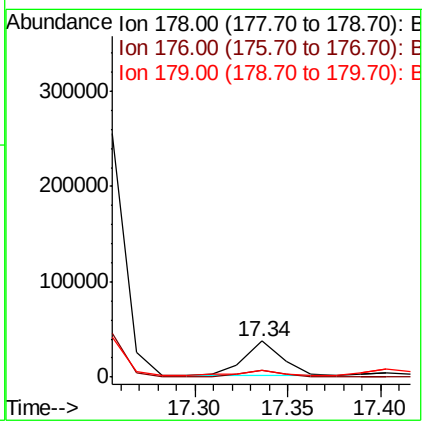


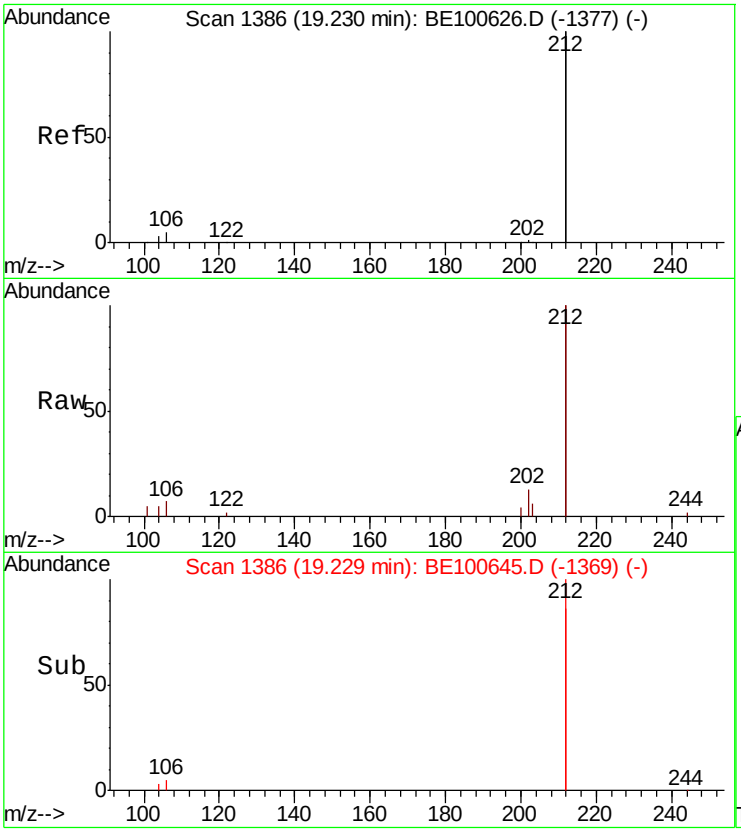


#24
Anthracene
Concen: 0.744 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:178 Resp: 50987

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



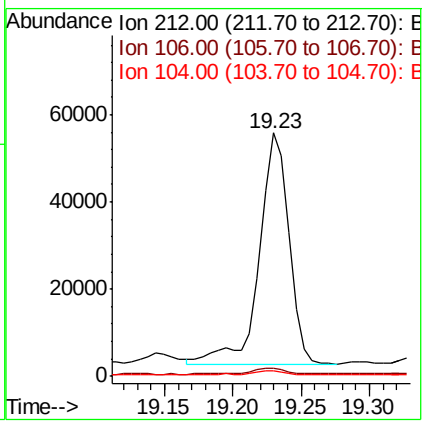


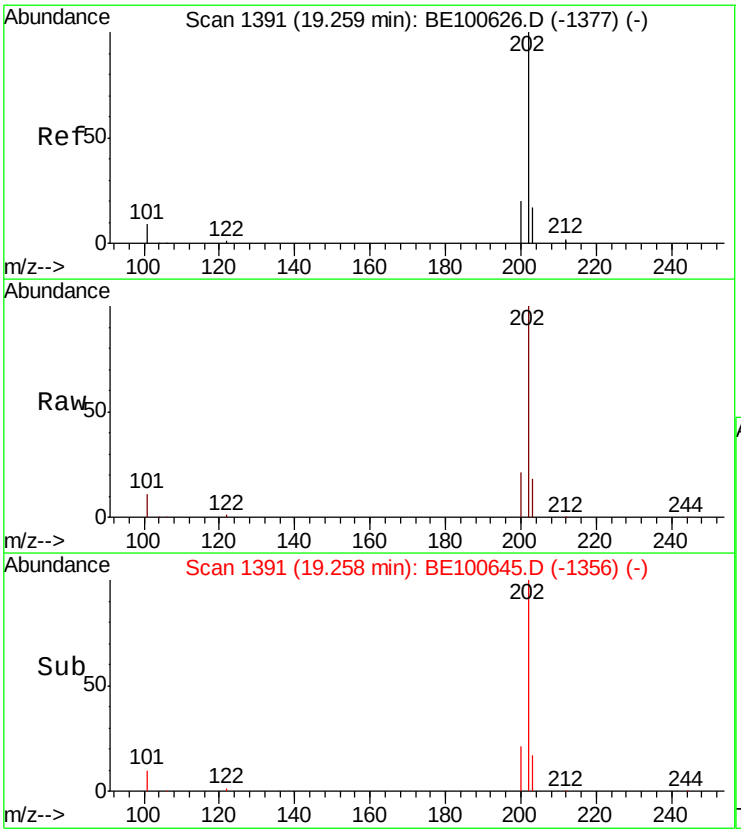
#25
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 80460

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.2	3.4
104	2.2	1.3	1.9#

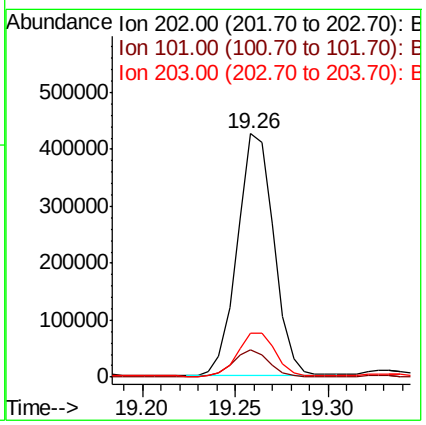


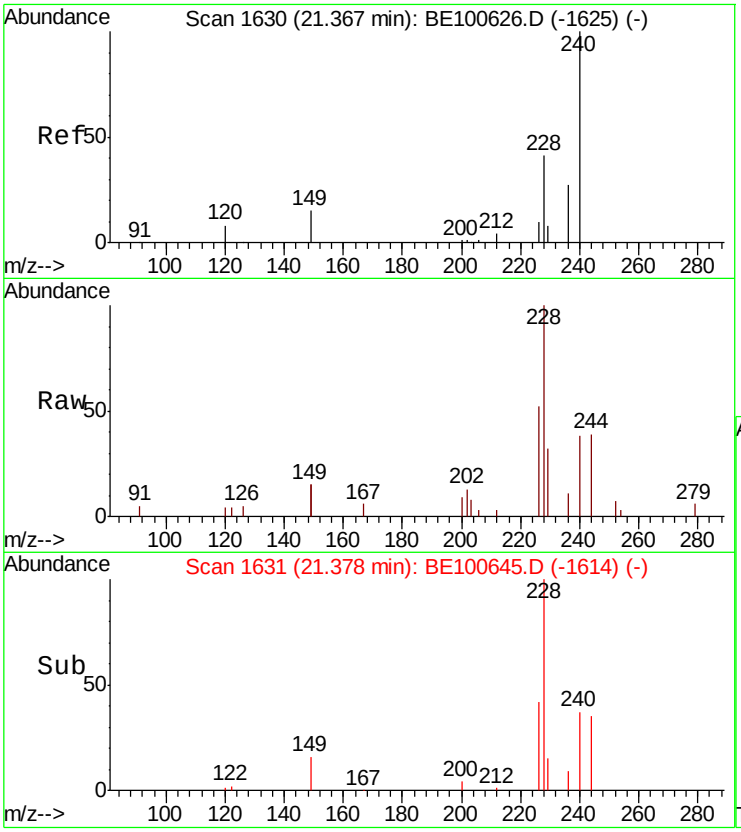


#26
Fluoranthene
Concen: 6.003 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:202 Resp: 578727

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	18.3	13.8	20.6



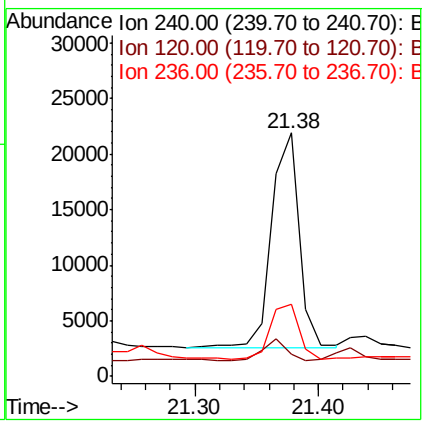


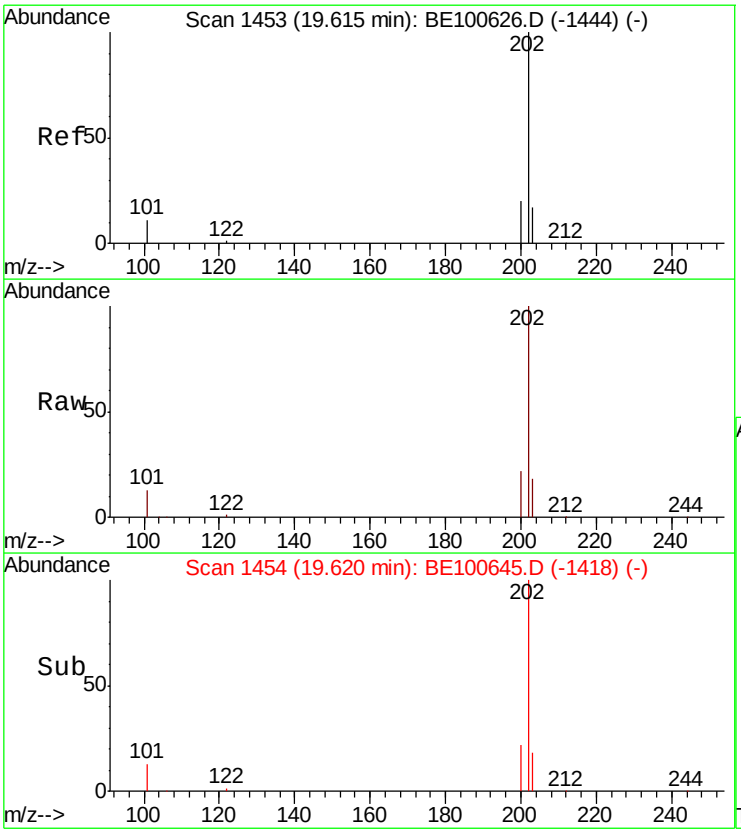
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 30648

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.4	11.0
236	29.7	21.7	32.5

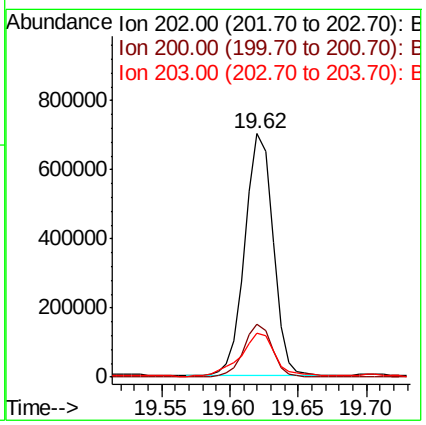


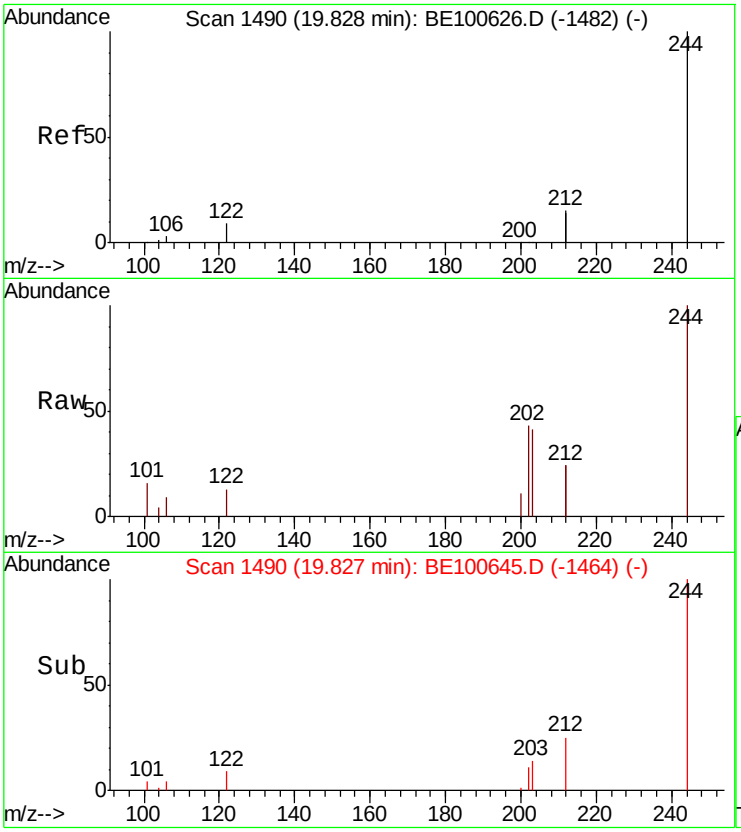


#28
Pyrene
Concen: 11.739 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:202 Resp: 1005197

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



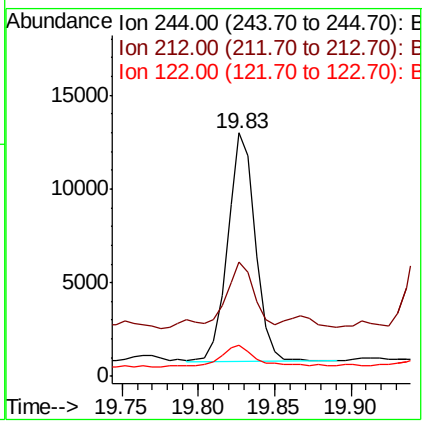


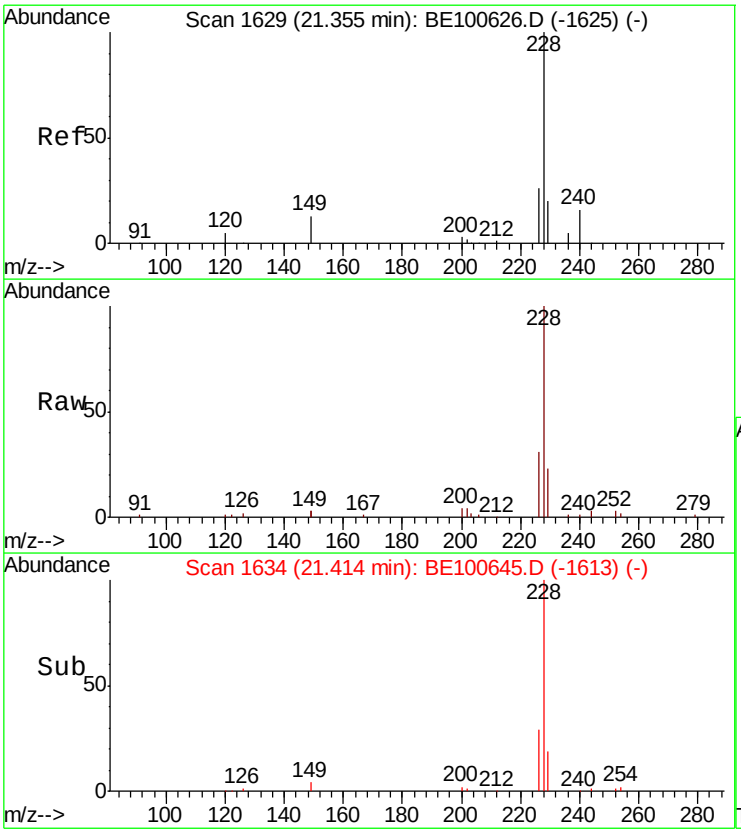
#29
Terphenyl-d14
Concen: 0.229 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 15348

Ion	Ratio	Lower	Upper
244	100		
212	47.1	23.9	35.9#
122	13.0	7.7	11.5#

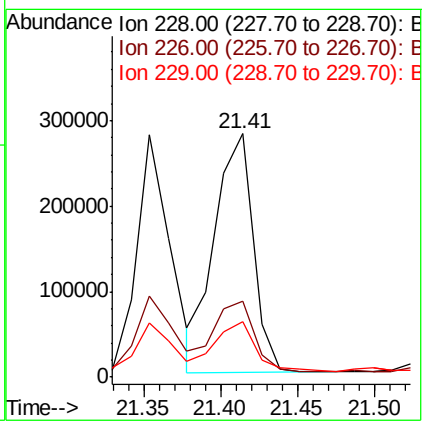


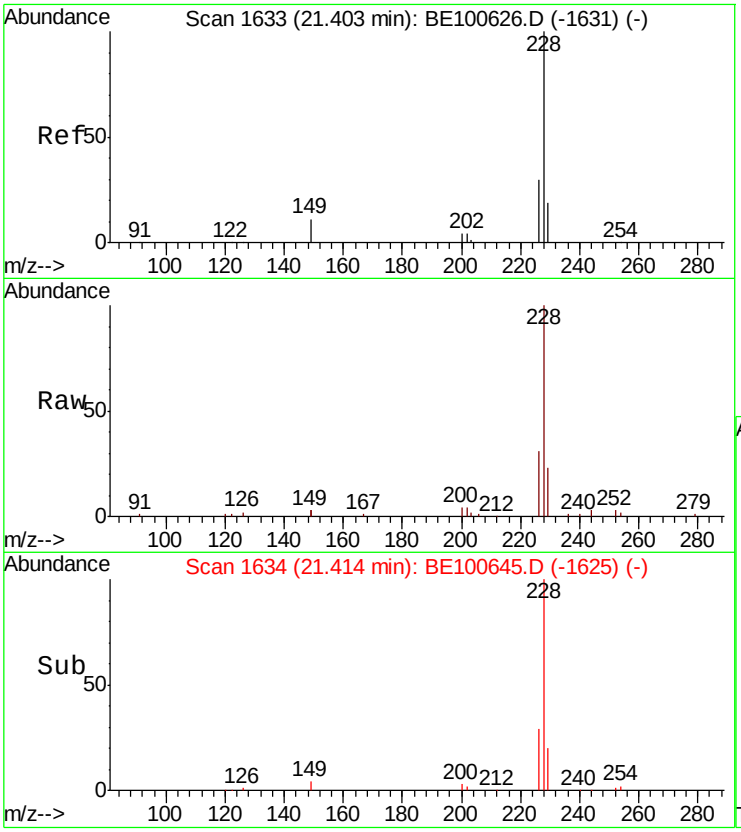


#30
Benzo(a)anthracene
Concen: 4.857 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.06 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:228 Resp: 485580

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.6
229	22.5	15.8	23.8



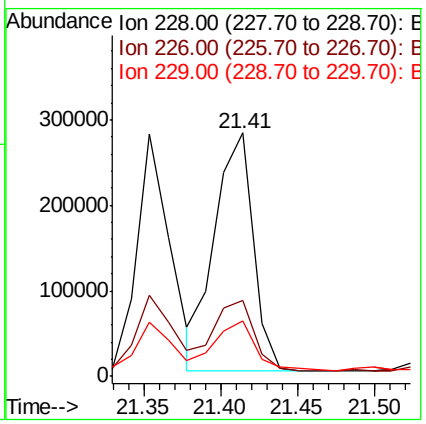


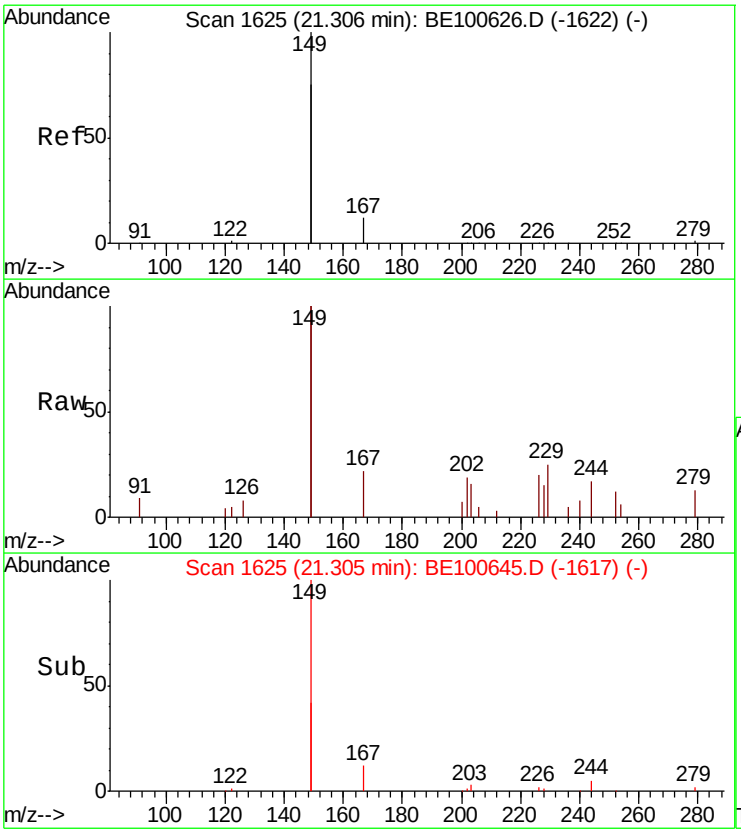
#31
Chrysene
Concen: 4.837 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 483304

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	22.5	15.6	23.4

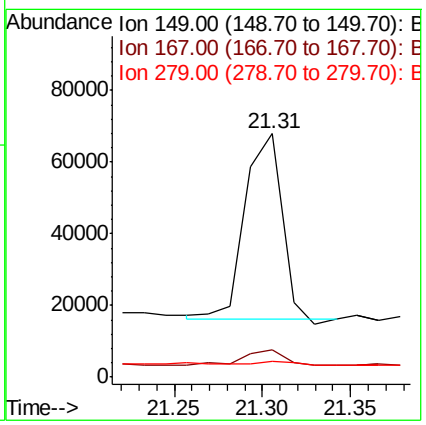


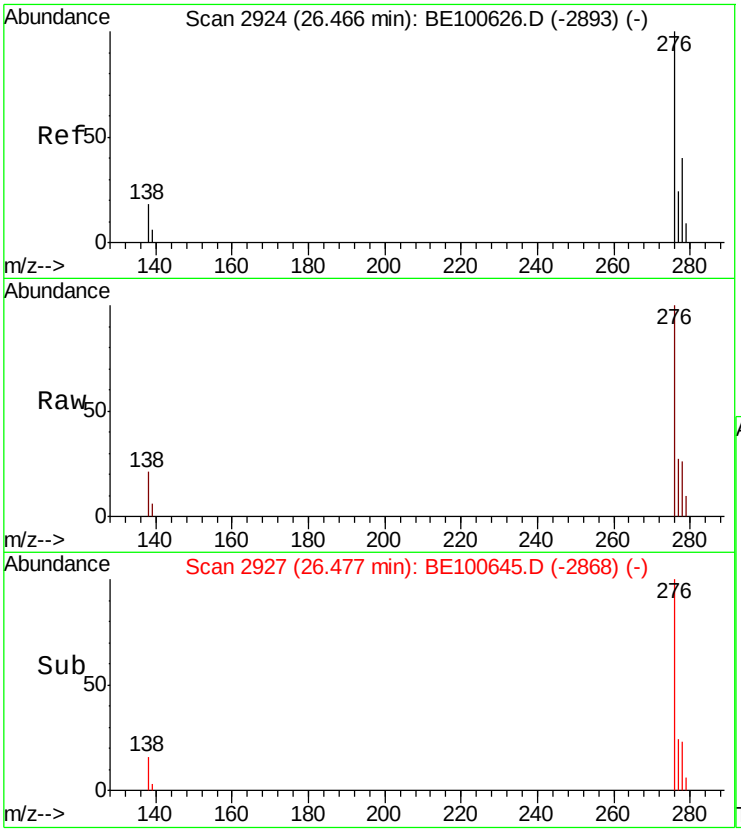


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:149 Resp: 74553

Ion	Ratio	Lower	Upper
149	100		
167	9.6	5.4	8.2#
279	1.7	1.5	2.3



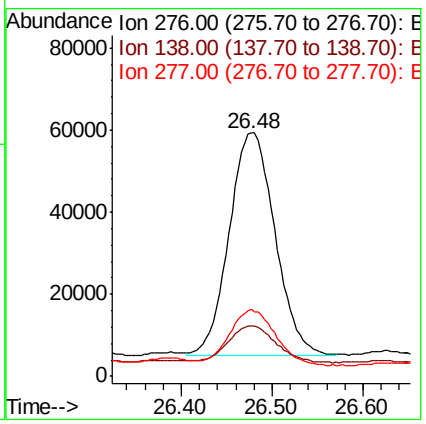


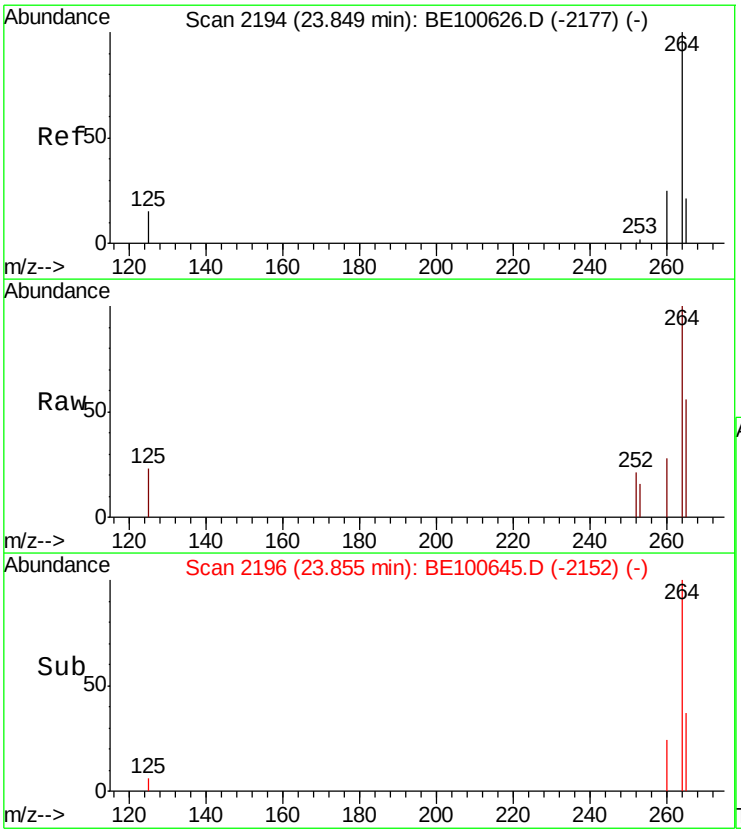
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.547 ng
RT: 26.48 min Scan# 2927
Delta R.T. 0.01 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 189949

Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.0	24.0
277	24.8	19.7	29.5

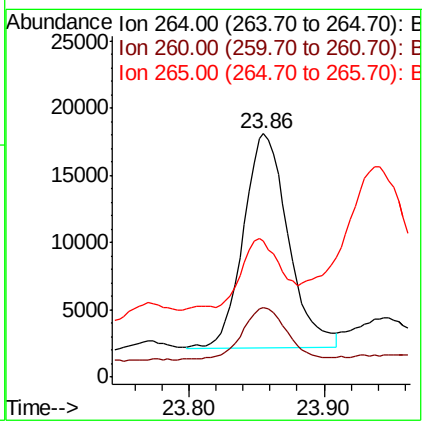


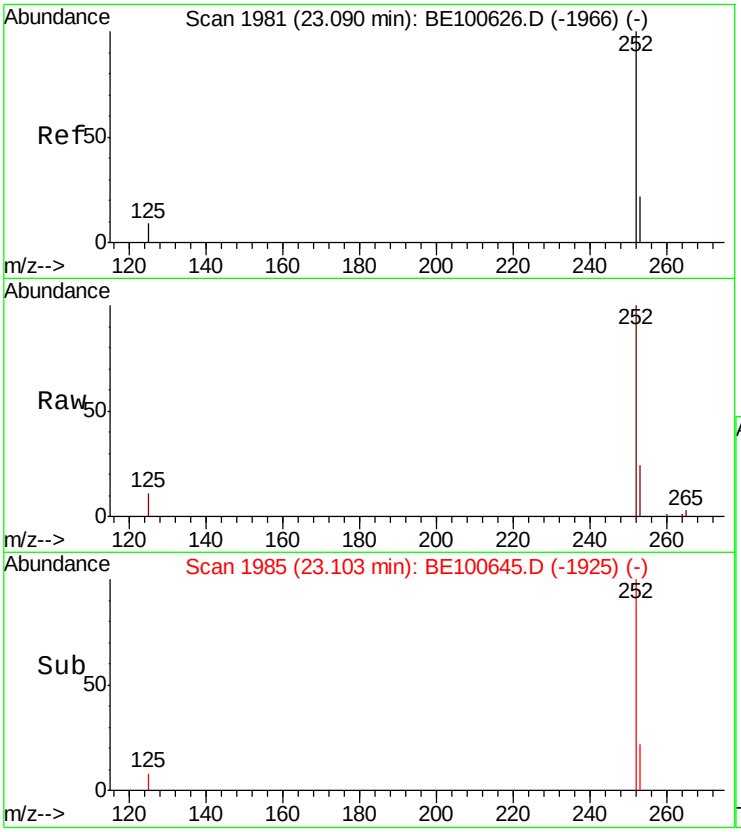


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:264 Resp: 36647

Ion	Ratio	Lower	Upper
264	100		
260	28.4	19.9	29.9
265	55.8	20.0	30.0#



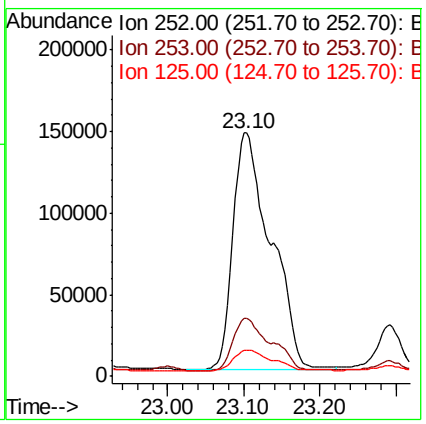


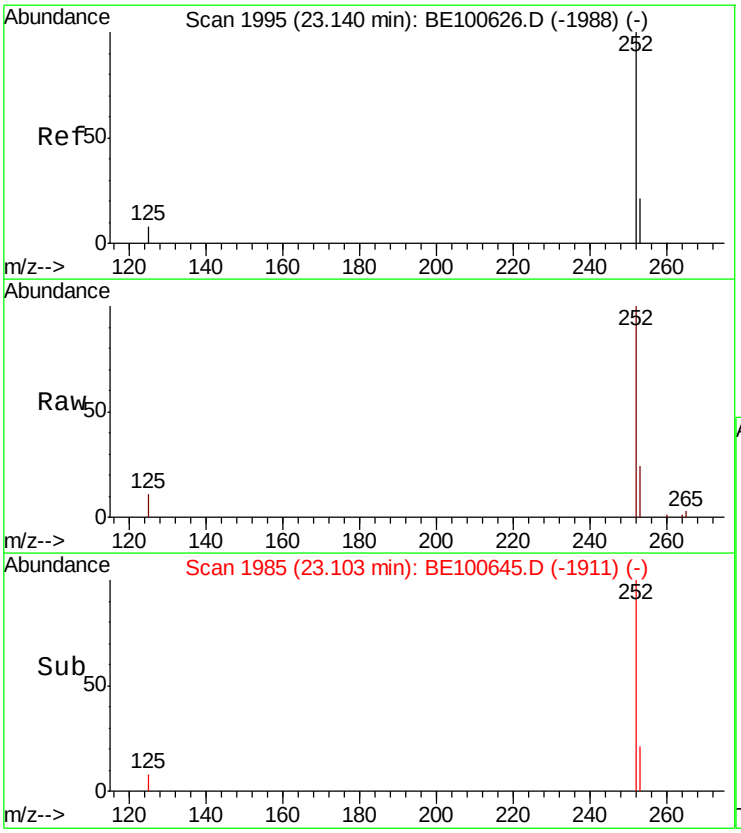
#35
Benzo(b)fluoranthene
Concen: 4.711 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 503388

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	10.6	7.6	11.4

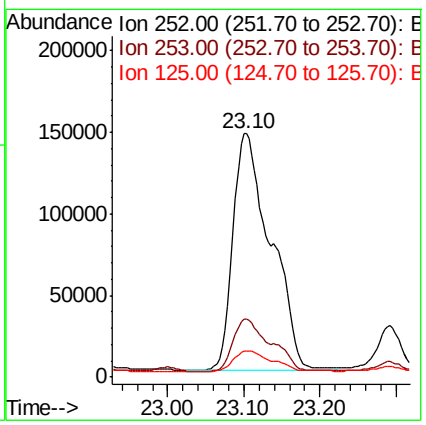


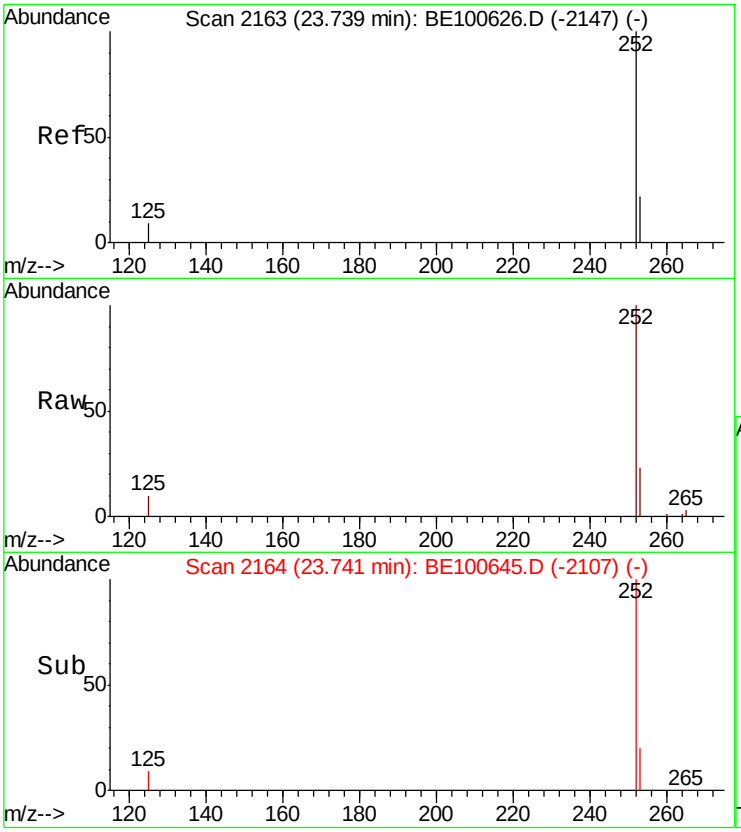


#36
Benzo(k)fluoranthene
Concen: 4.580 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.04 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:252 Resp: 503388

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	10.6	7.6	11.4



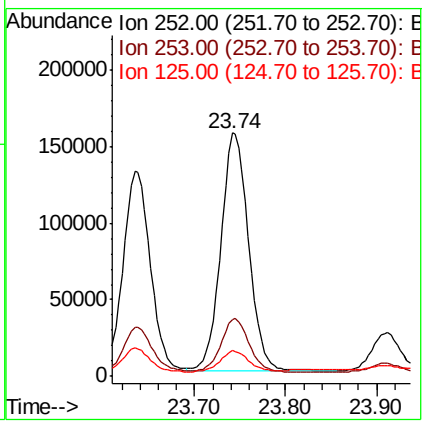


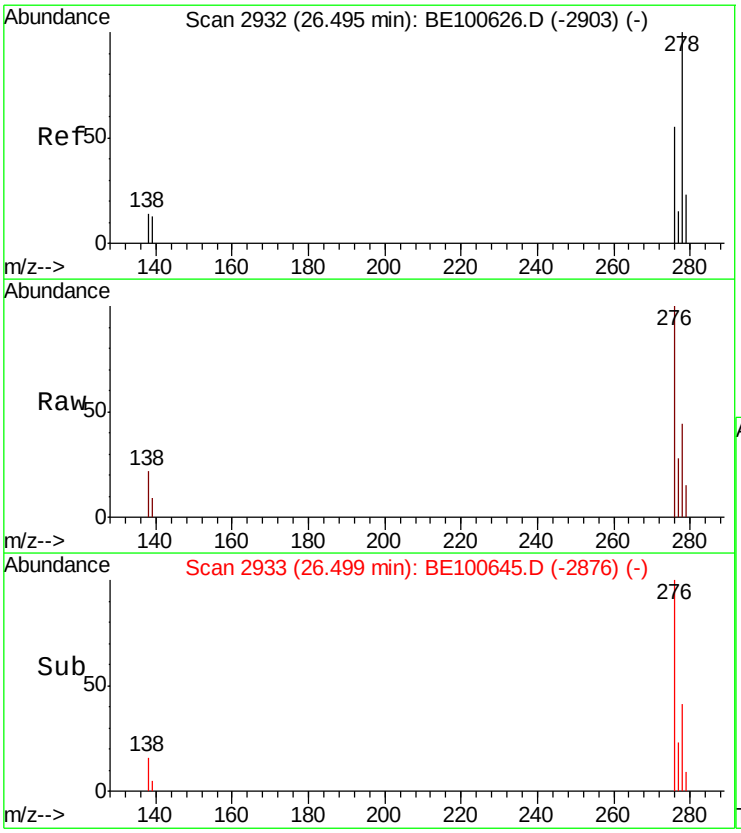
#37
Benzo(a)pyrene
Concen: 3.306 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 328794

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.5	8.1	12.1

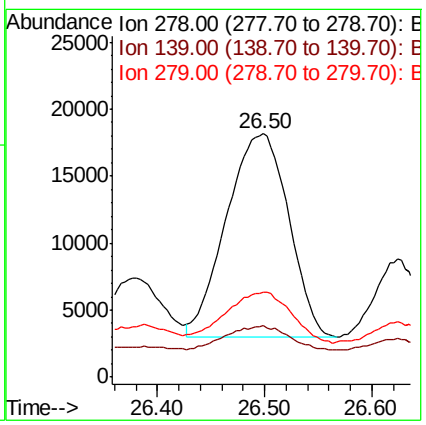


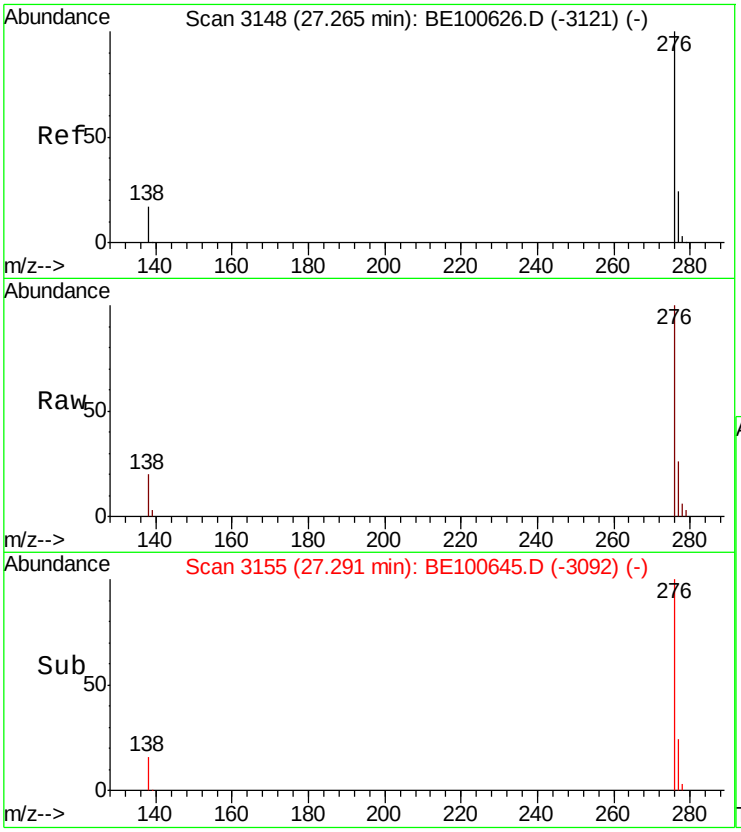


#38
Dibenzo(a,h)anthracene
Concen: 0.596 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.00 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Tgt Ion:278 Resp: 61318

Ion	Ratio	Lower	Upper
278	100		
139	20.9	11.2	16.8#
279	34.7	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 2.243 ng
RT: 27.29 min Scan# 3155
Delta R.T. 0.03 min
Lab File: BE100645.D
Acq: 15 Oct 2019 11:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 231965

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.3	28.9
138	19.9	14.5	21.7