Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110819\
Data File : BE100715.D
Acq On : 8 Nov 2019 13:16
Operator : JU
Sample : K5725-04DL 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 08 14:34:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	2003	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	9706	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	7522	0.40	ng		0.01
19) Phenanthrene-d10	17.20	188	14798	0.40	ng		0.00
27) Chrysene-d12	21.37	240	16010	0.40	ng		0.01
34) Perylene-d12	23.85	264	17955	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	92	0.01	ng		0.01
5) Phenol-d6	7.03	99	167	0.02	ng		0.02
8) Nitrobenzene-d5	9.00	82	1052	0.17	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	512	0.03	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	10	0.01	ng		0.04
15) 2-Fluorobiphenyl	13.10	172	195	0.01	ng		0.00
25) Fluoranthene-d10	19.22	212	2699	0.01	ng		0.00
29) Terphenyl-d14	19.82	244	832	0.02	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	69553	0.681	ng	#	98
12) 2-Methylnaphthalene	12.30	142	20821	1.197	ng	#	87
16) Acenaphthylene	14.20	152	16116	0.498	ng	#	74
17) Acenaphthene	14.54	154	8613	0.412	ng	#	74
18) Fluorene	15.51	166	13999	0.504	ng	#	62
20) 4-Bromophenyl-phenylether	16.40	248	162	0.022	ng	#	1
23) Phenanthrene	17.24	178	119073	2.925	ng	#	94
24) Anthracene	17.34	178	28650	0.759	ng	#	80
26) Fluoranthene	19.26	202	239844	4.515	ng		99
28) Pyrene	19.61	202	247832	5.541	ng	#	94
30) Benzo(a)anthracene	21.35	228	156176	2.990	ng		95
31) Chrysene	21.40	228	119905	2.297	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	20807	0.190	ng		100
33) Indeno(1,2,3-cd)pyrene	26.47	276	131127	2.044	ng		96
35) Benzo(b)fluoranthene	23.09	252	215787	4.122	ng		100
36) Benzo(k)fluoranthene	23.28	252	36988	0.687	ng		93
37) Benzo(a)pyrene	23.73	252	156212	3.205	ng		98
38) Dibenzo(a,h)anthracene	26.48	278	30870	0.613	ng		92
39) Benzo(g,h,i)perylene	27.28	276	136979	2.704	ng		99

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

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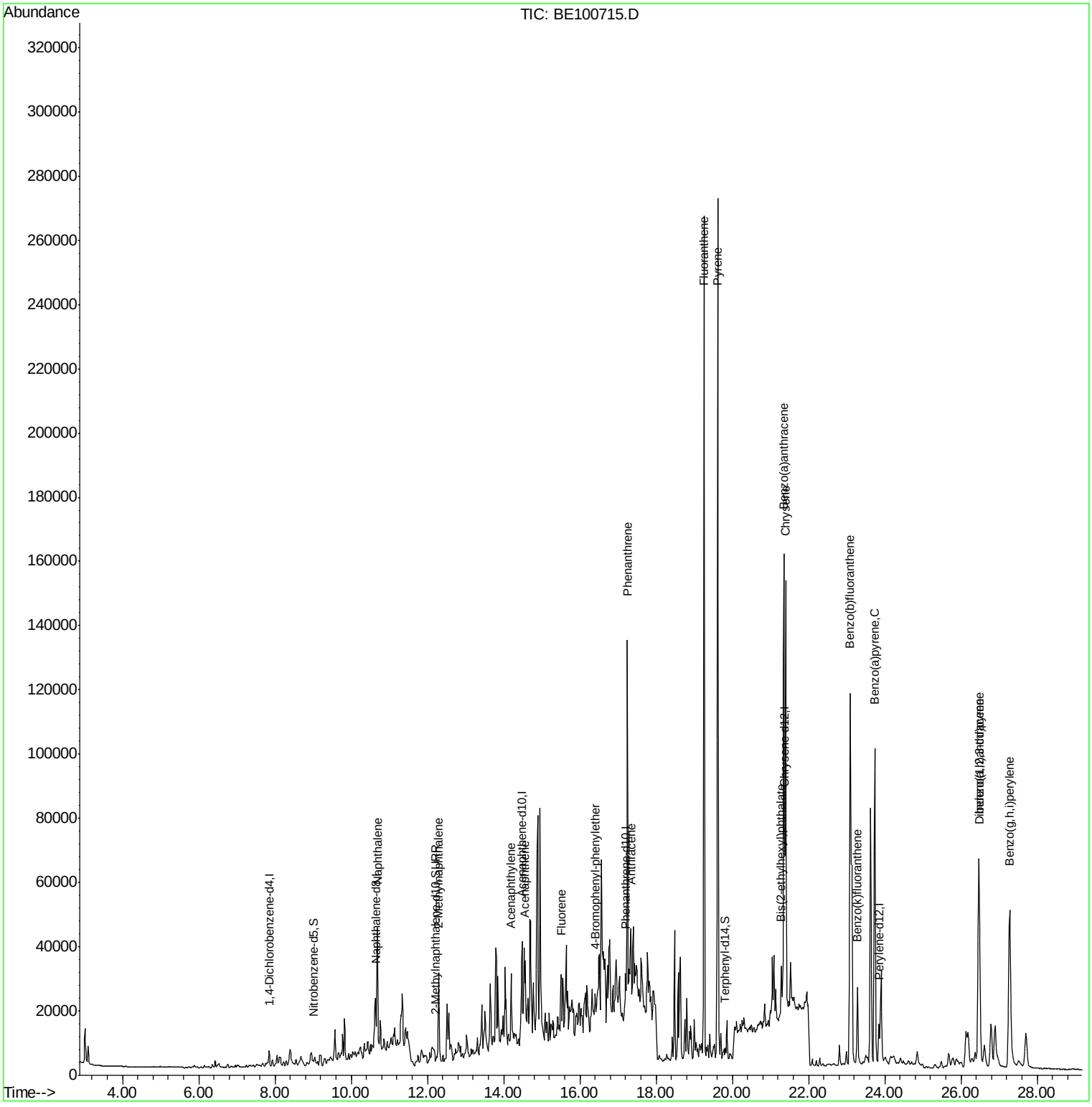
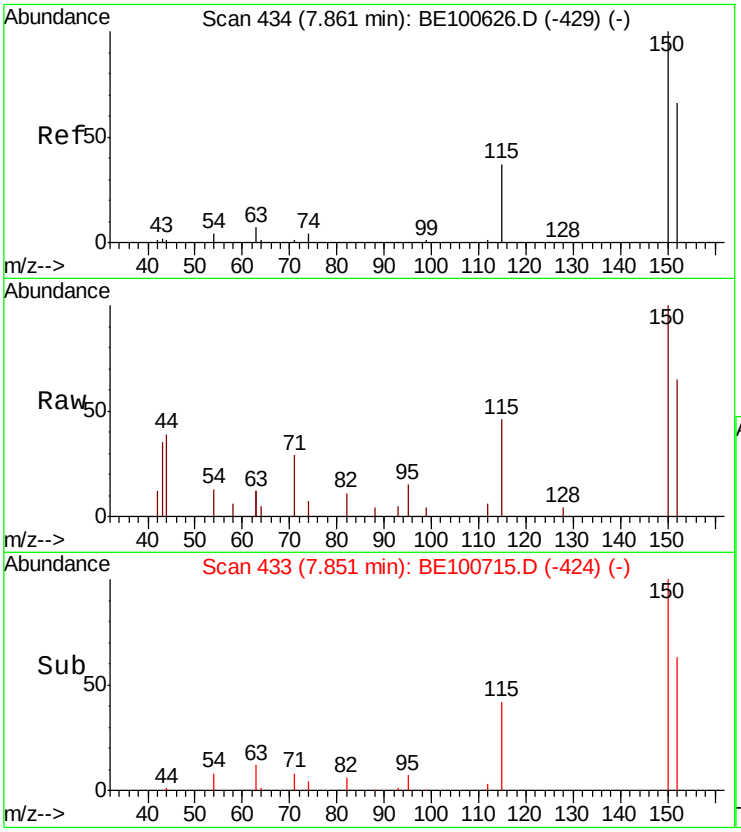


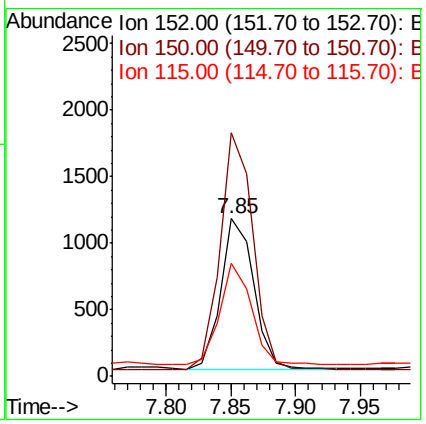


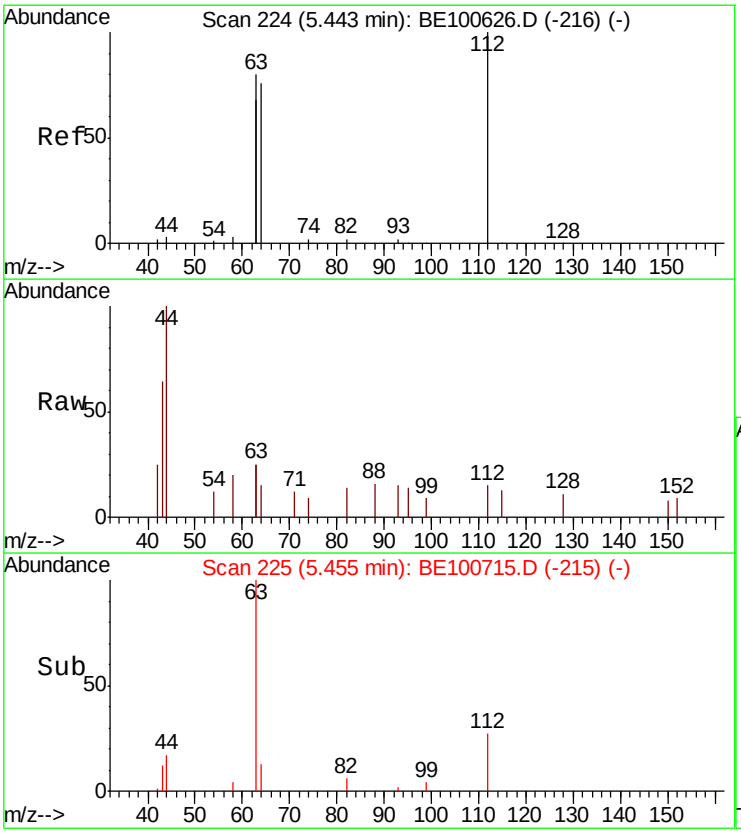
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2003

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.3	184.9
115	71.9	51.9	77.9

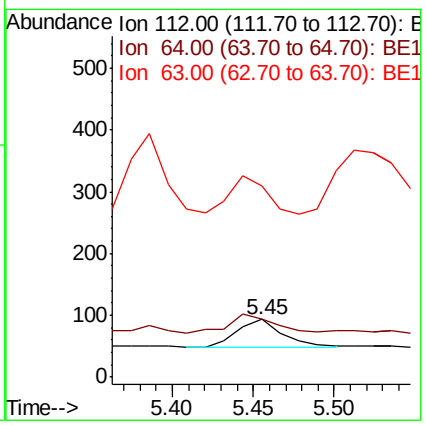


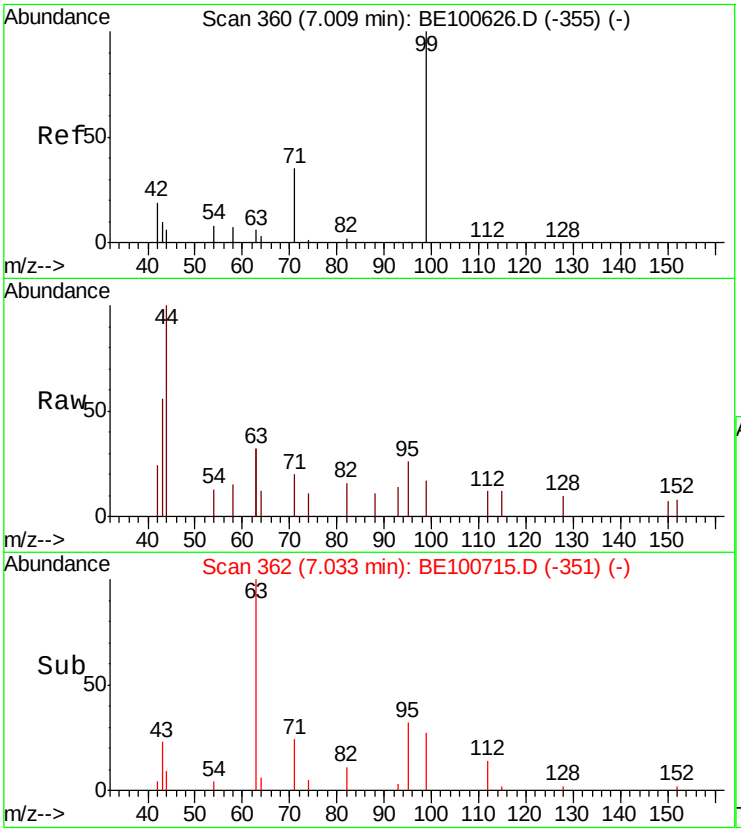


#4
2-Fluorophenol
Concen: 0.015 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:112 Resp: 92

Ion	Ratio	Lower	Upper
112	100		
64	62.0	55.4	83.2
63	102.2	114.2	171.4#



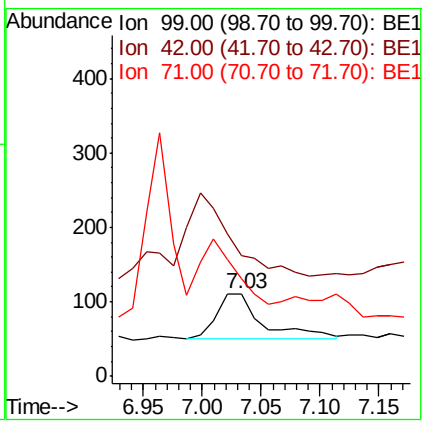


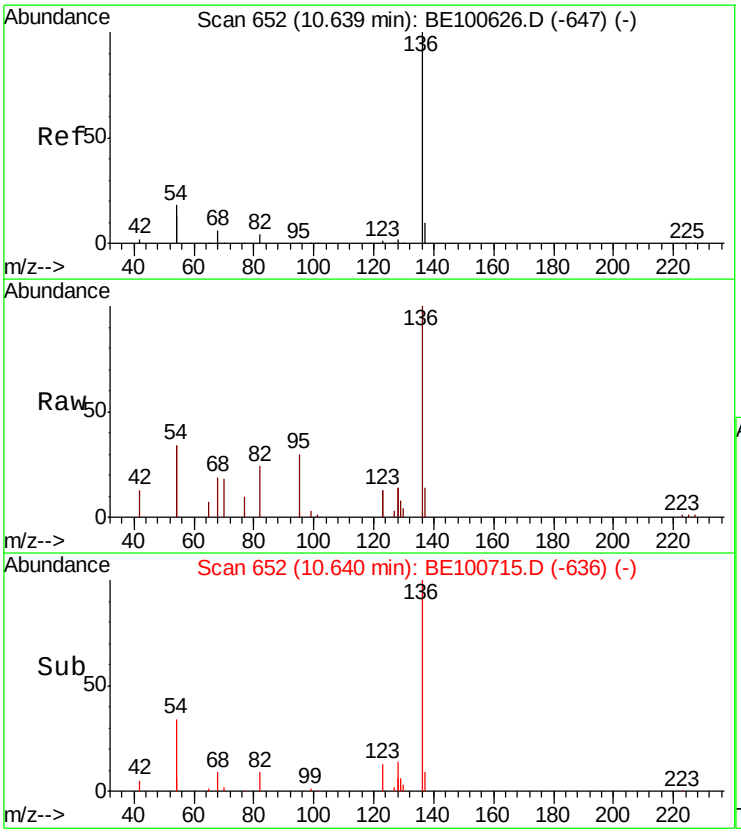
#5
Phenol-d6
Concen: 0.019 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.02 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 167

Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.7	26.5#
71	0.0	27.4	41.0#

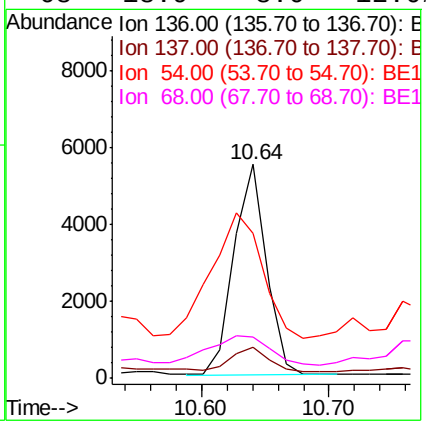


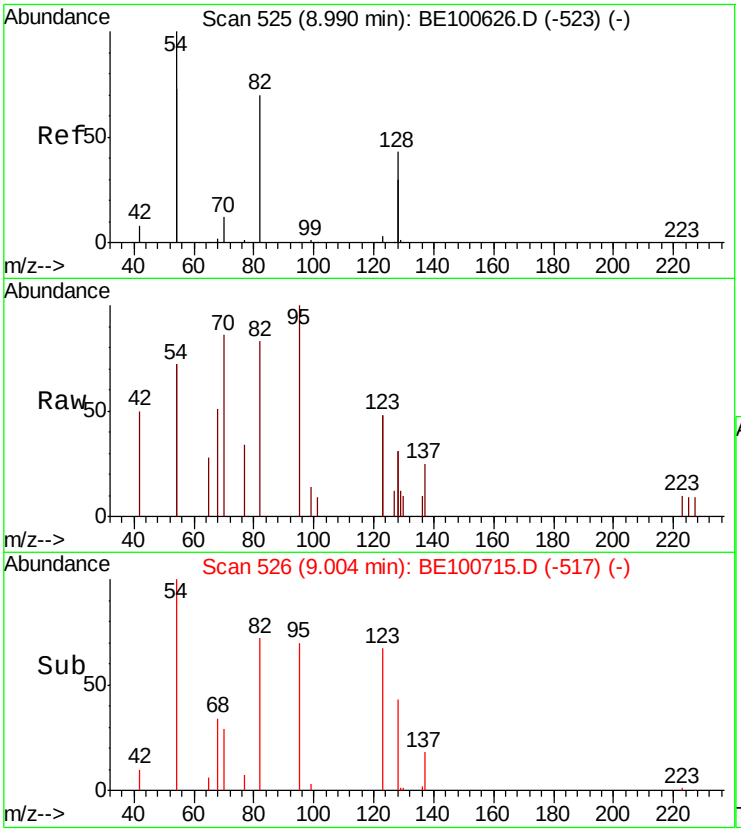


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:136 Resp: 9706

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.2	13.8#
54	67.7	39.4	59.2#
68	18.9	8.0	12.0#



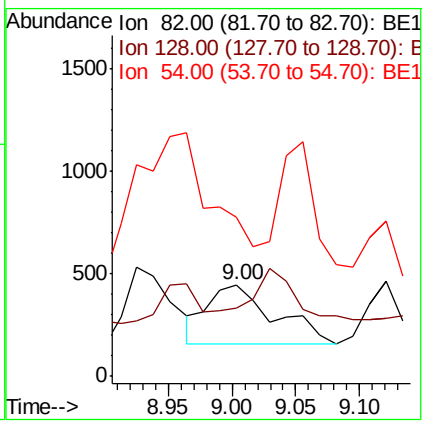


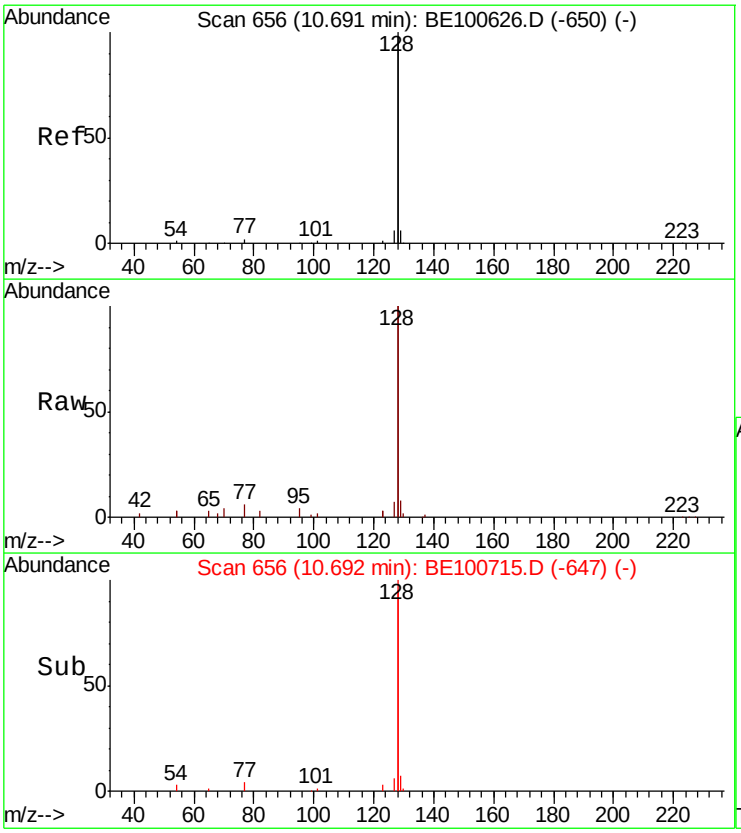
#8
Nitrobenzene-d5
Concen: 0.175 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1052

Ion	Ratio	Lower	Upper
82	100		
128	73.8	107.8	161.8#
54	173.2	166.1	249.1

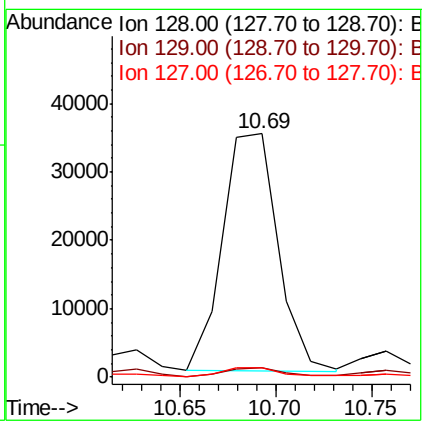


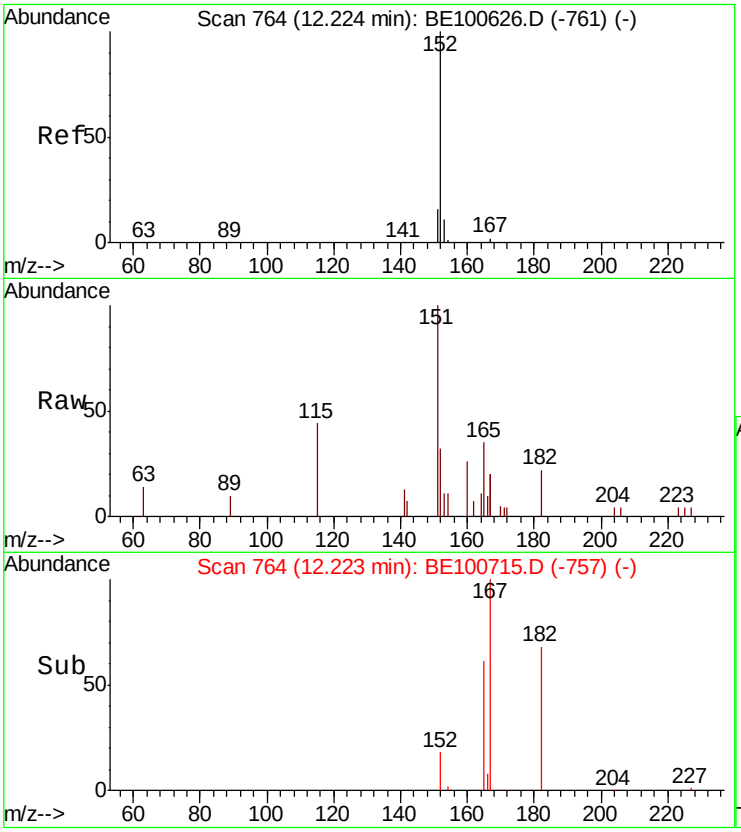


#9
Naphthalene
Concen: 0.681 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:128 Resp: 69553

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.3	3.5#
127	3.6	2.7	4.1



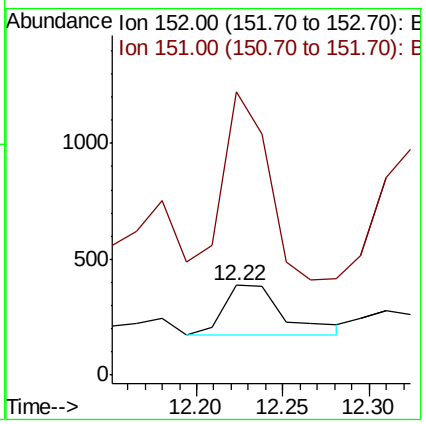


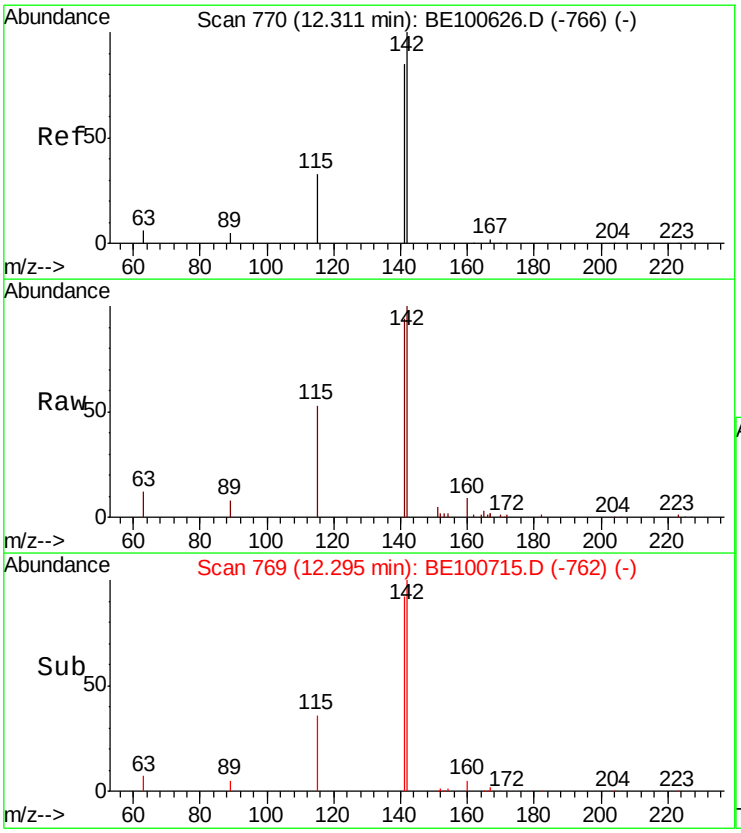
#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 512

Ion	Ratio	Lower	Upper
152	100		
151	283.4	14.7	22.1#

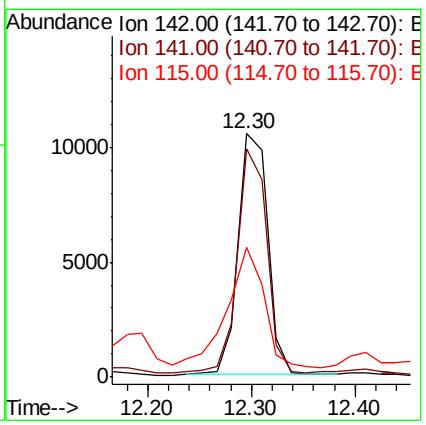


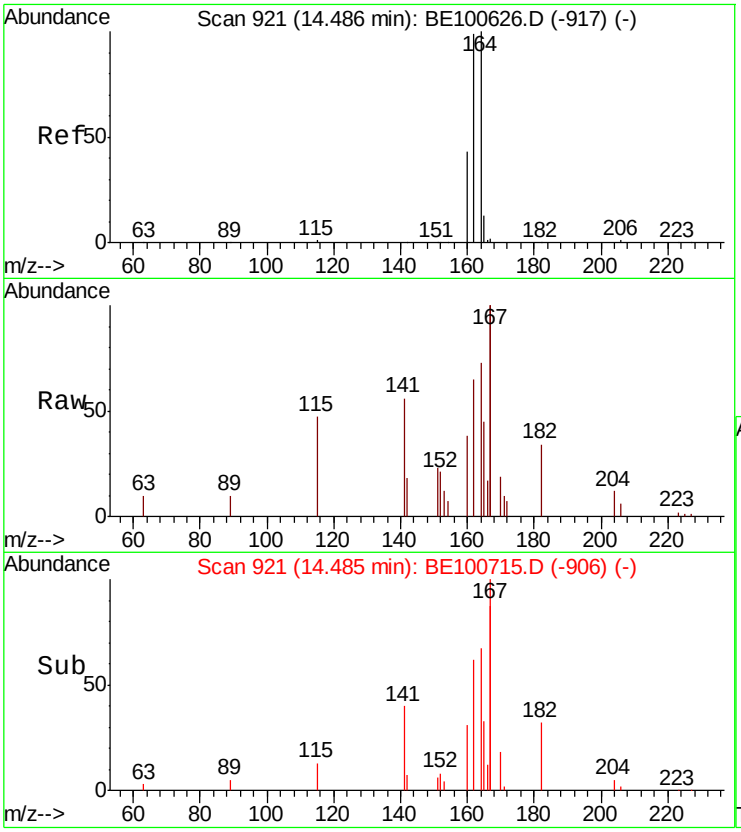


#12
2-Methylnaphthalene
Concen: 1.197 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:142 Resp: 20821

Ion	Ratio	Lower	Upper
142	100		
141	93.5	70.1	105.1
115	53.2	28.3	42.5#



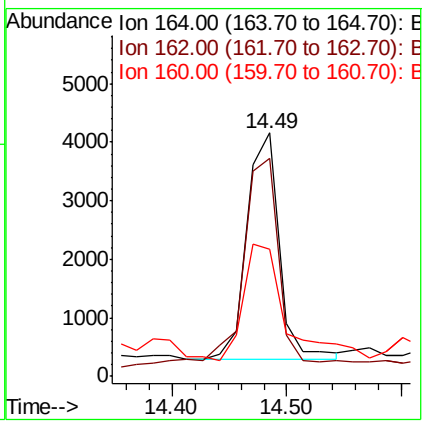


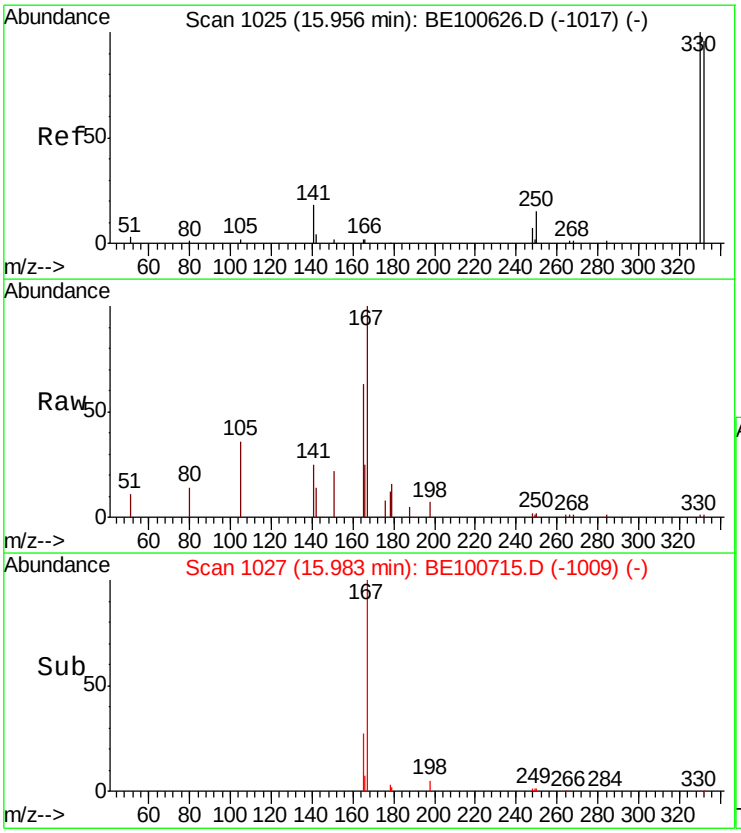
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7522

Ion	Ratio	Lower	Upper
164	100		
162	89.3	82.0	123.0
160	52.2	37.5	56.3

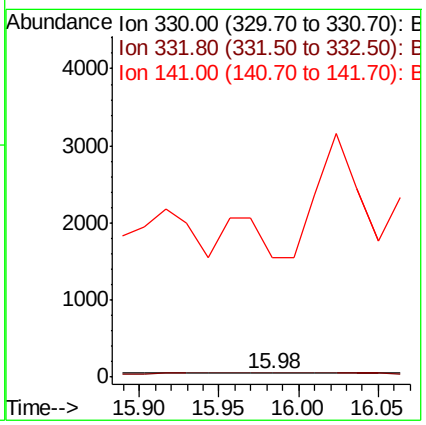


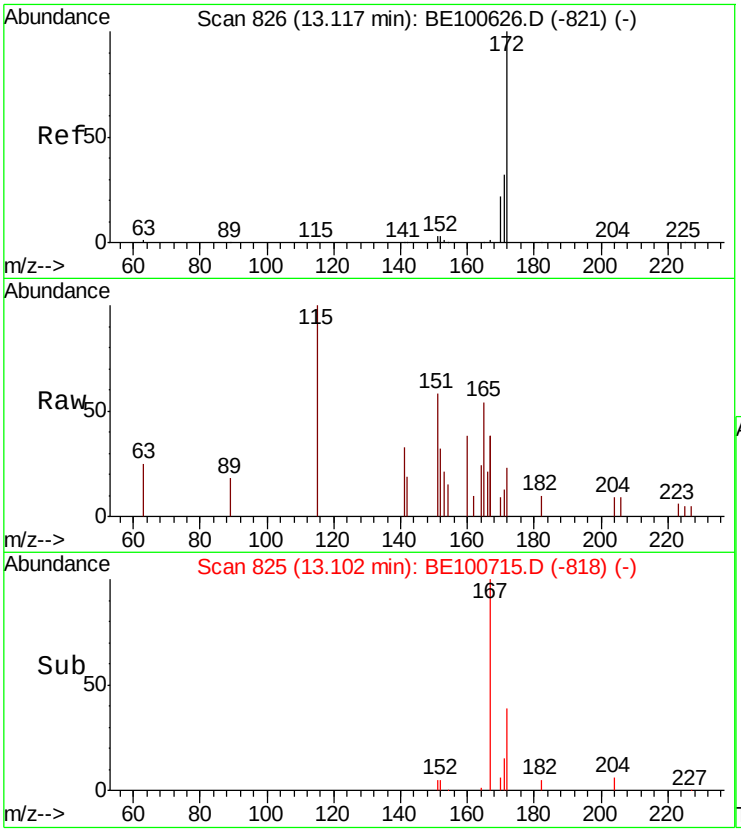


#14
2,4,6-Tribromophenol
Concen: 0.005 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.04 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:330 Resp: 10

Ion	Ratio	Lower	Upper
330	100		
332	40.0	77.9	116.9#
141	8460.0	33.0	49.6#



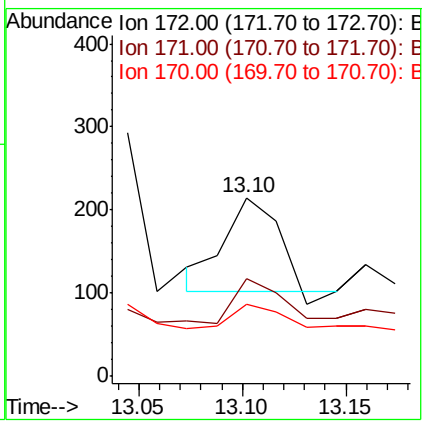


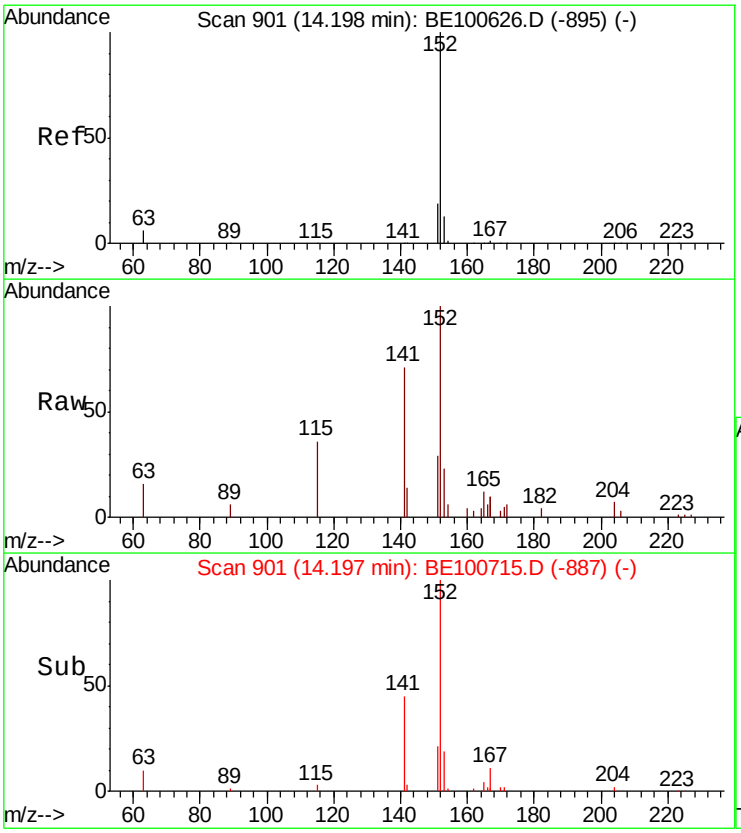
#15
2-Fluorobiphenyl
Concen: 0.007 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 195

Ion	Ratio	Lower	Upper
172	100		
171	54.9	26.5	39.7#
170	40.5	19.0	28.4#

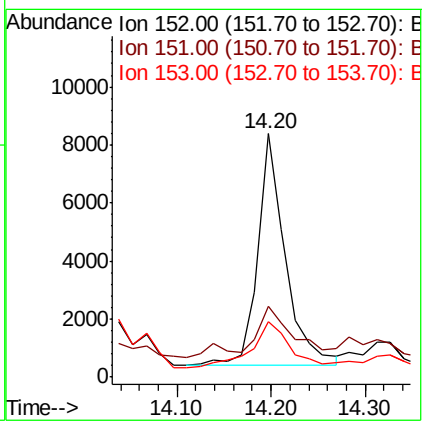


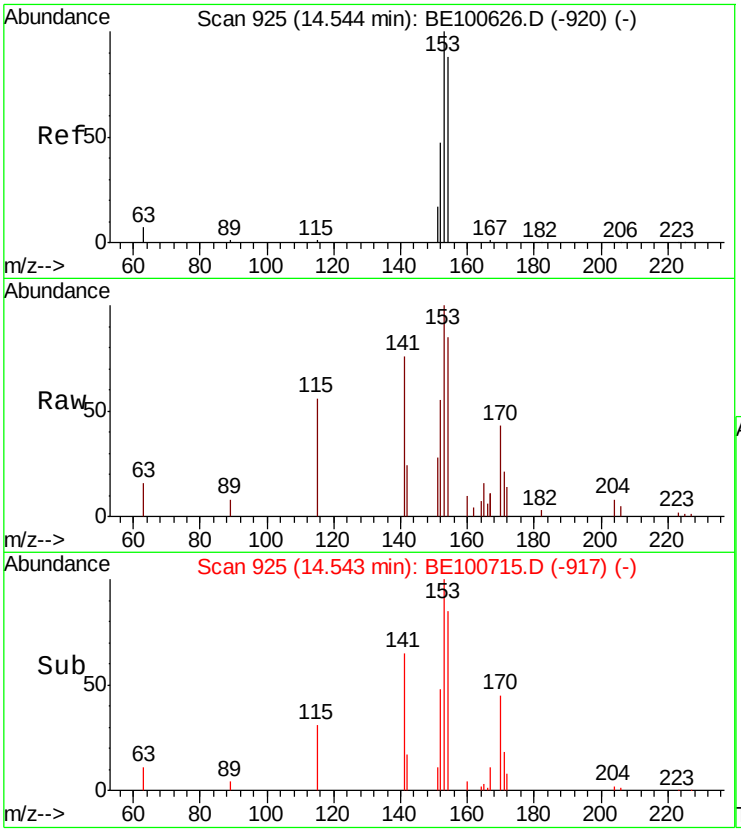


#16
Acenaphthylene
Concen: 0.498 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:152 Resp: 16116

Ion	Ratio	Lower	Upper
152	100		
151	27.4	15.2	22.8#
153	27.8	10.3	15.5#



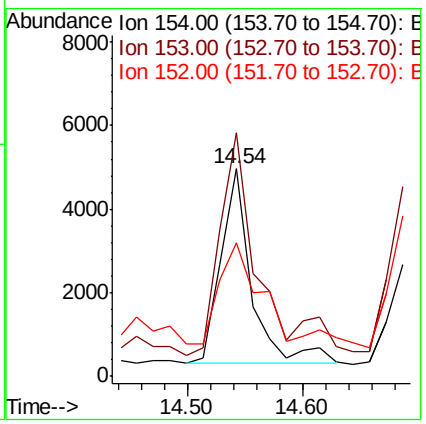


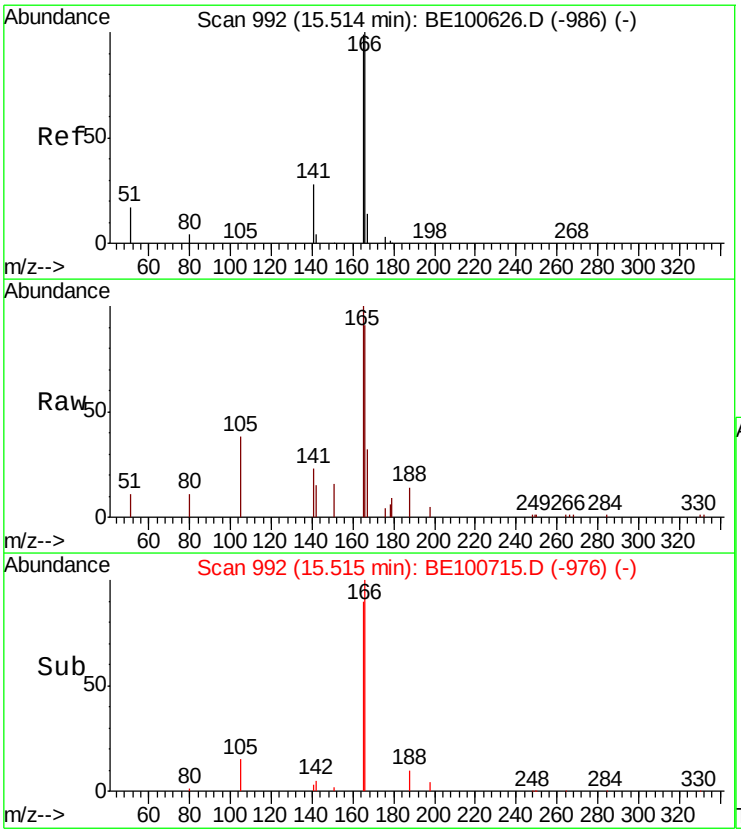
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8613

Ion	Ratio	Lower	Upper
154	100		
153	143.8	89.4	134.2#
152	67.9	44.1	66.1#

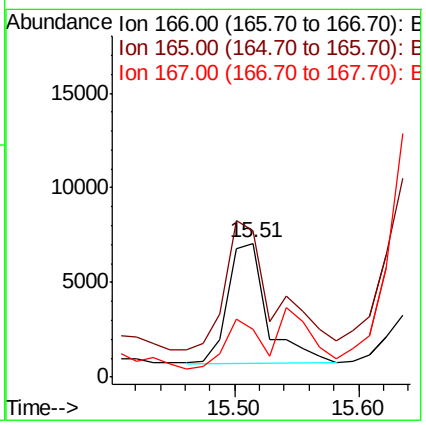


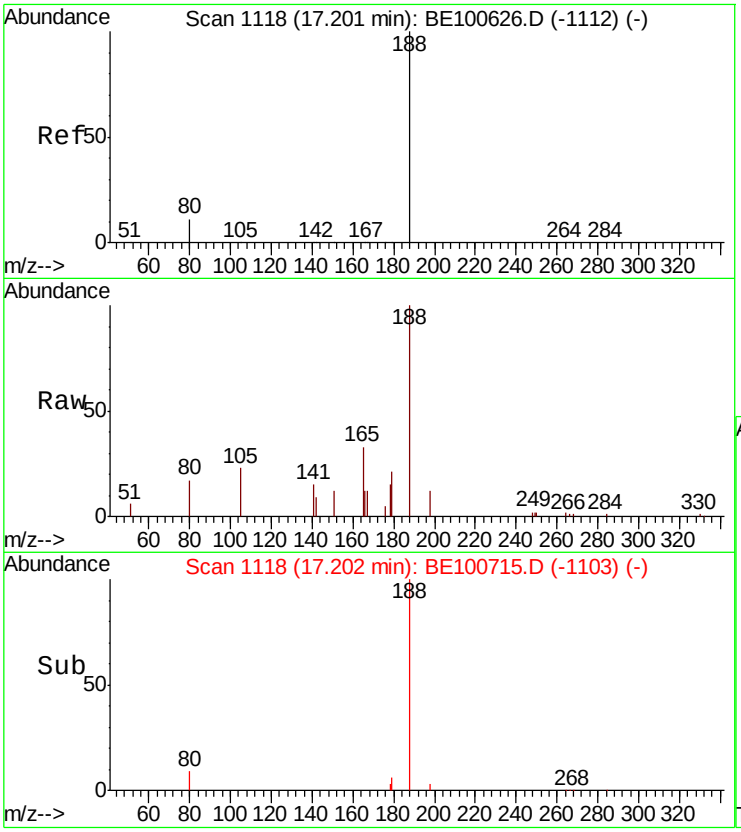


#18
Fluorene
Concen: 0.504 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:166 Resp: 13999

Ion	Ratio	Lower	Upper
166	100		
165	133.5	78.6	117.8#
167	37.1	10.9	16.3#



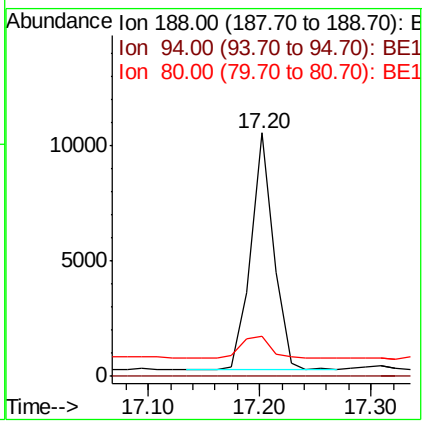


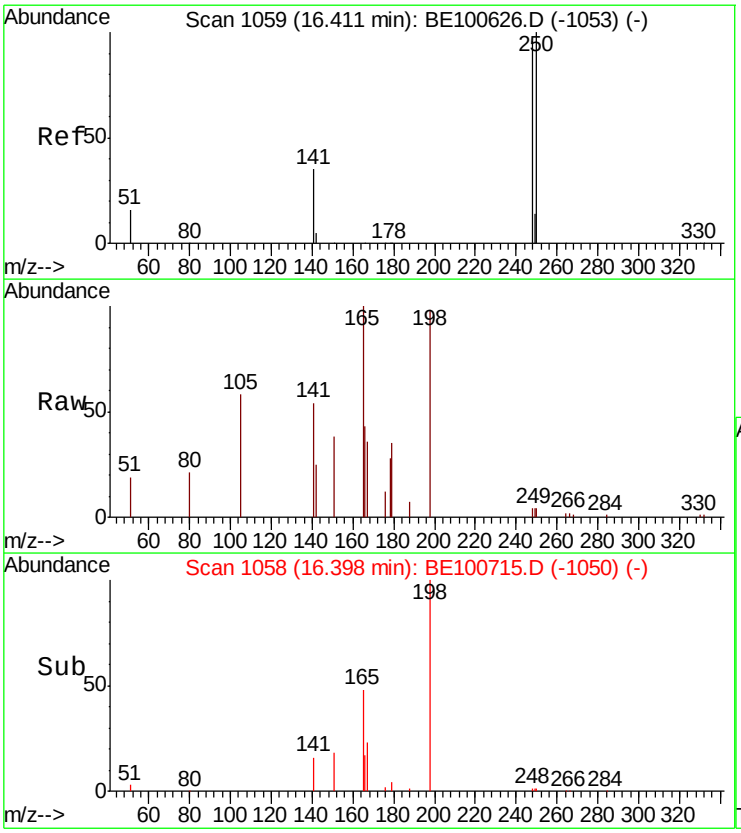
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 14798

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.6	5.4	8.0#

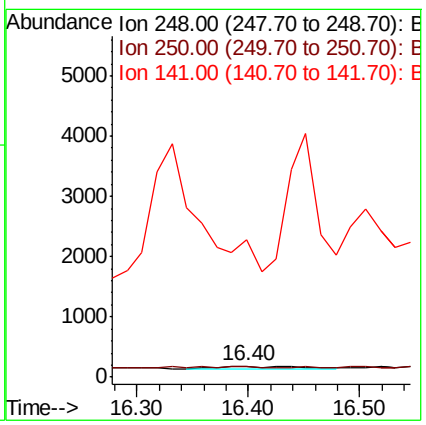


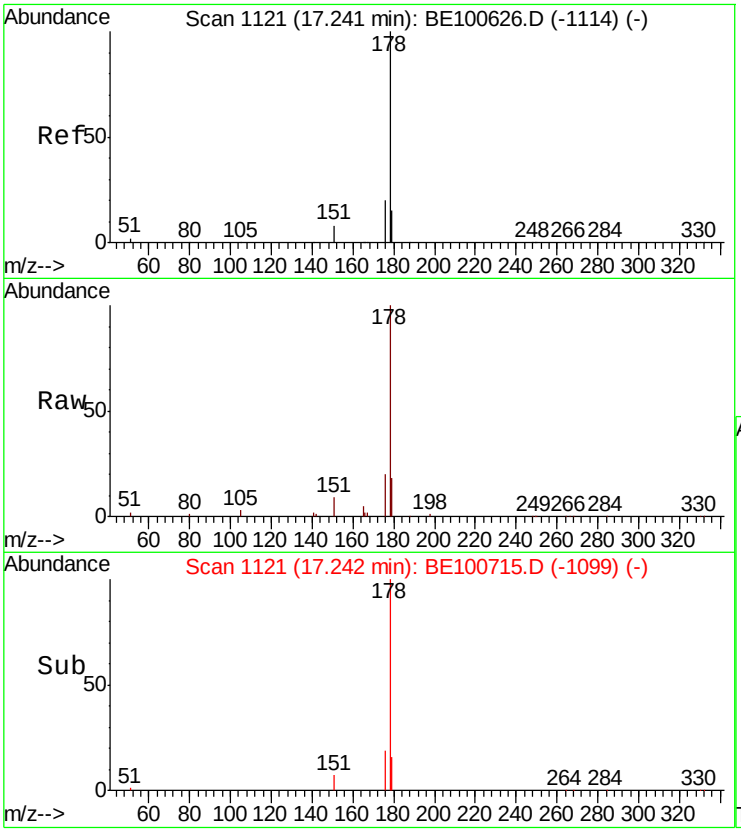


#20
4-Bromophenyl-phenylether
Concen: 0.022 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:248 Resp: 162

Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.3	114.5
141	1277.1	37.3	55.9#



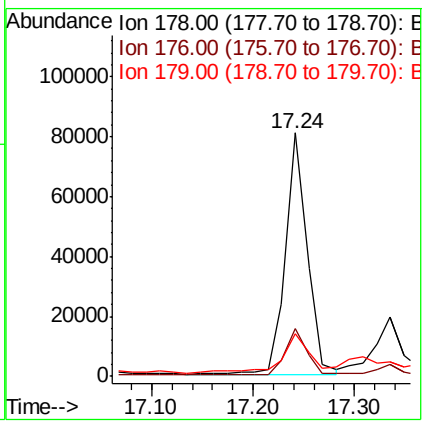


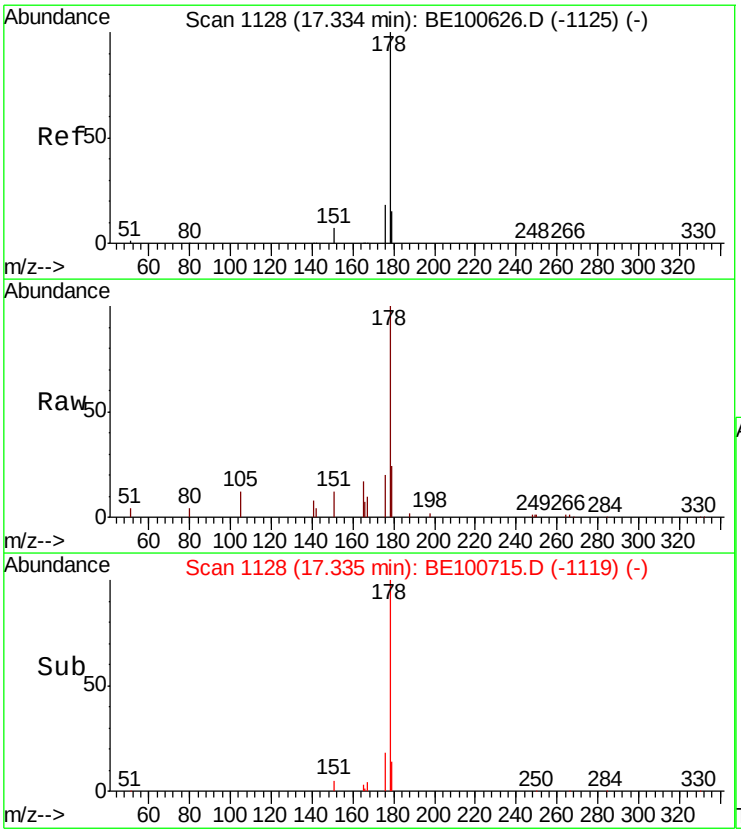
#23
Phenanthrene
Concen: 2.925 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 119073

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	20.5	12.1	18.1#

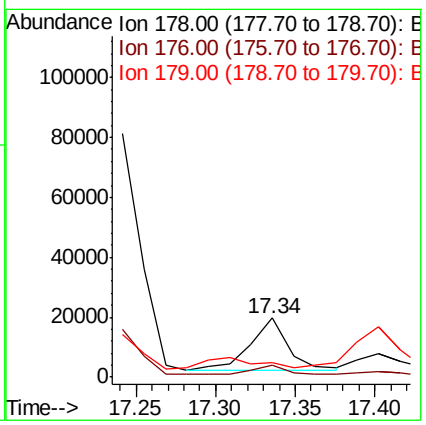


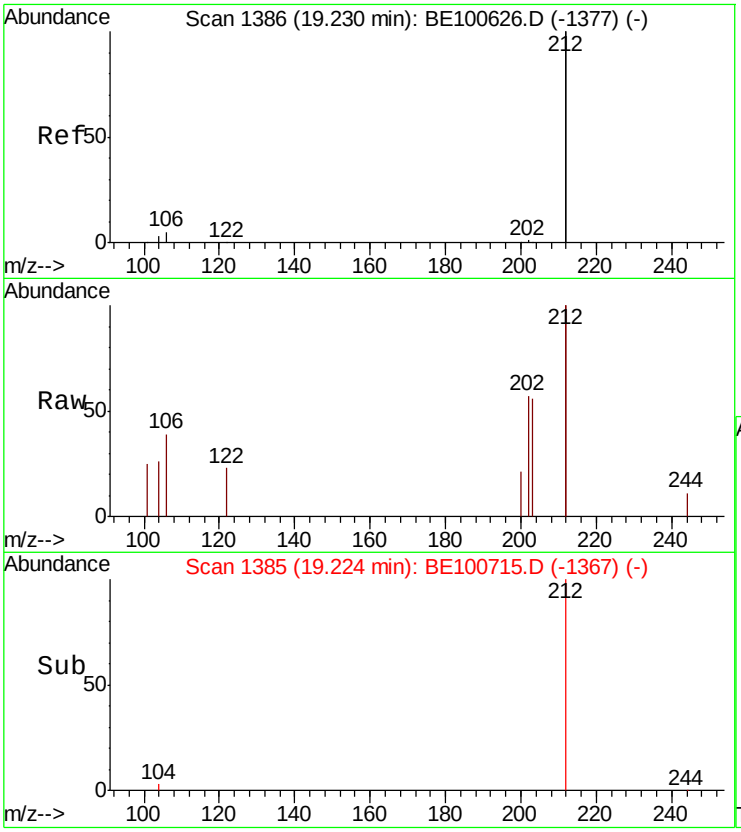


#24
Anthracene
Concen: 0.759 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:178 Resp: 28650

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.0	22.4
179	0.0	12.5	18.7#



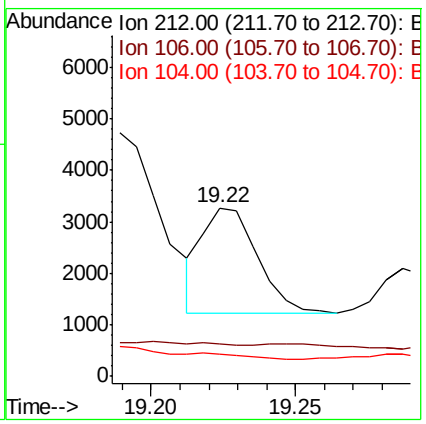


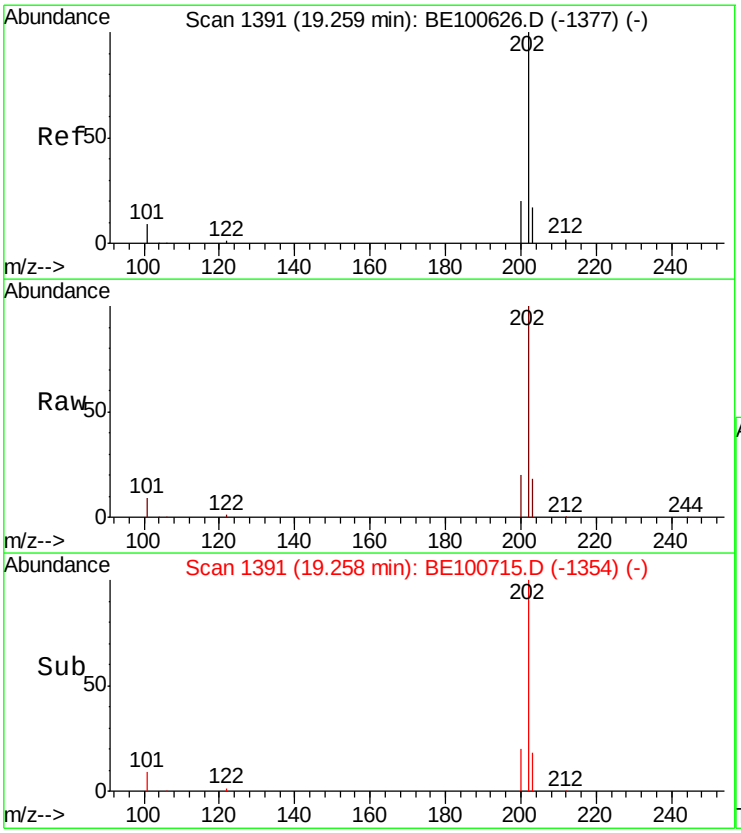
#25
Fluoranthene-d10
Concen: 0.014 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 2699

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.3	3.5#
104	0.0	1.3	1.9#

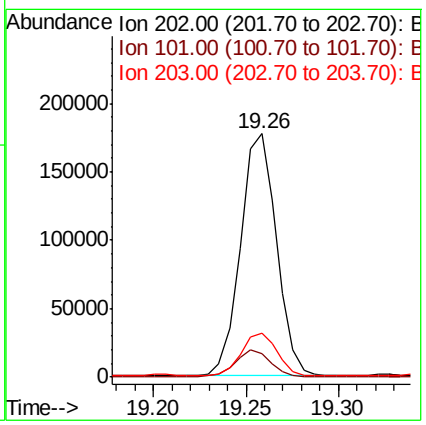


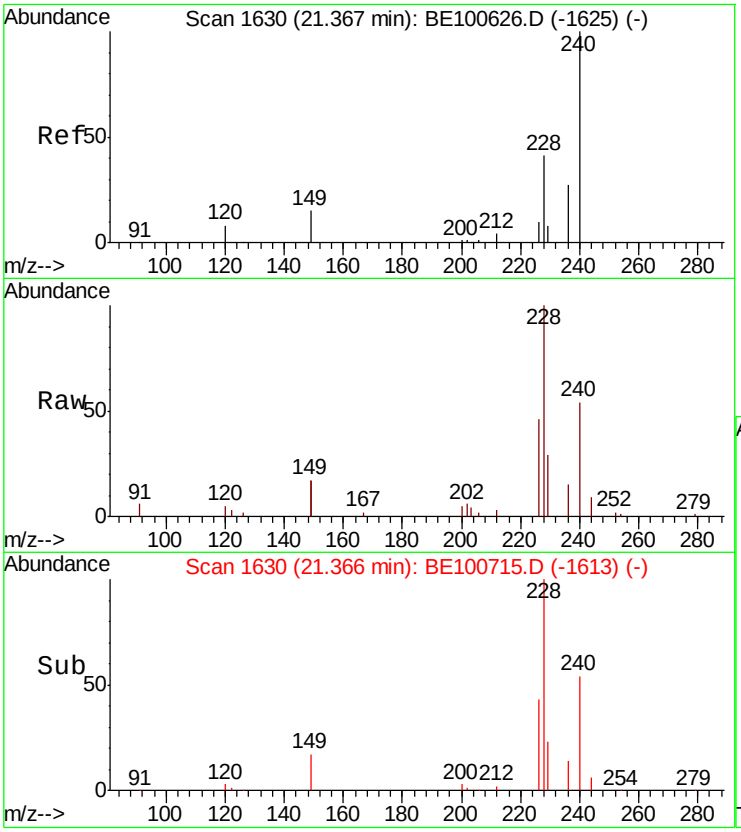


#26
Fluoranthene
Concen: 4.515 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:202 Resp: 239844

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.6	13.8	20.8



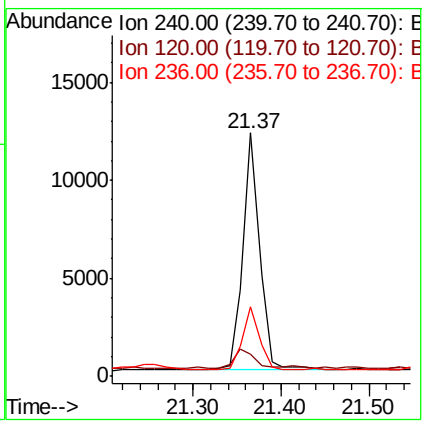


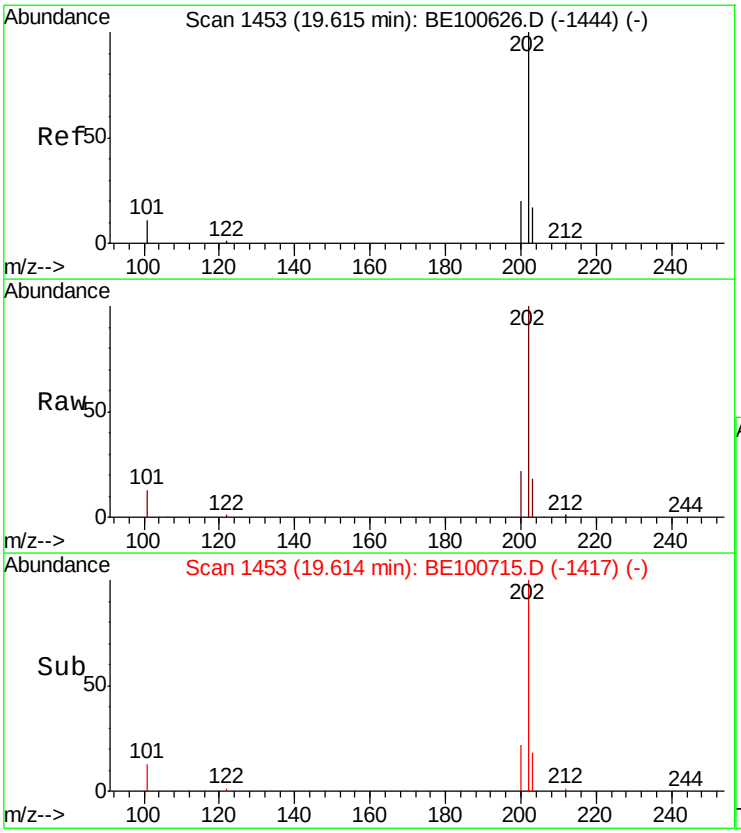
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16010

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.6	11.4
236	28.7	22.1	33.1

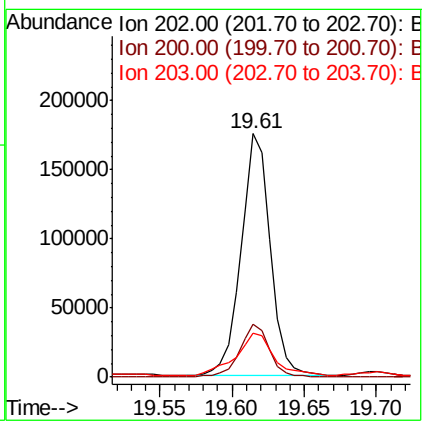


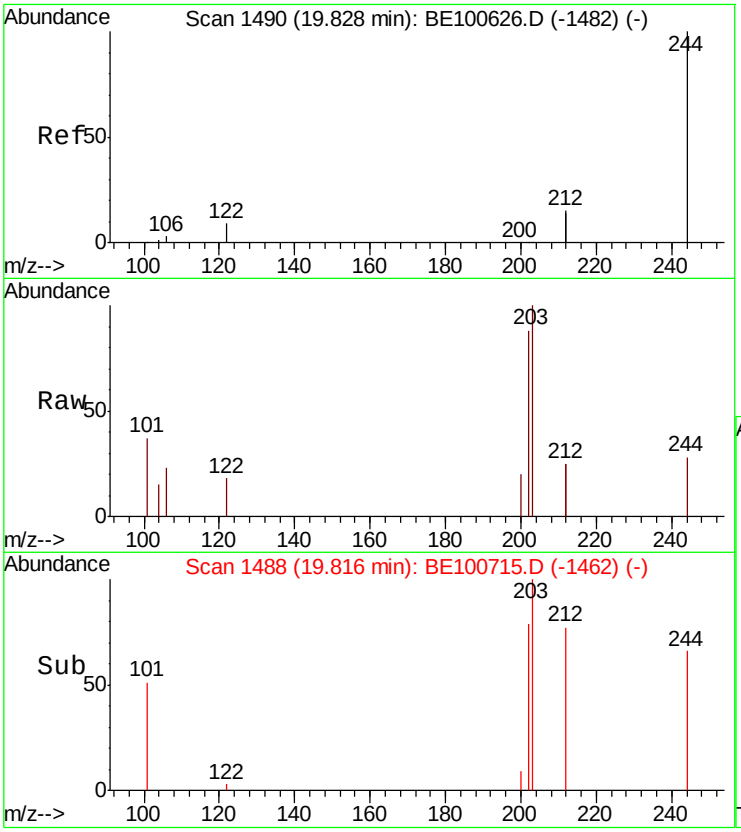


#28
Pyrene
Concen: 5.541 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:202 Resp: 247832

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	23.0	14.0	21.0#



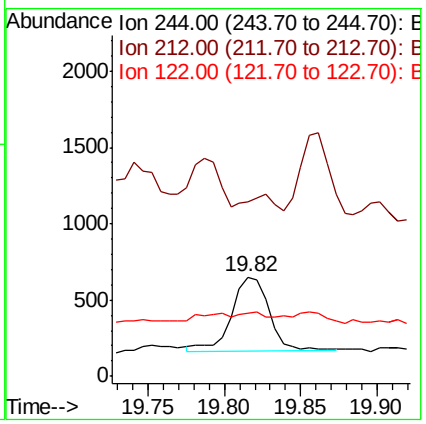


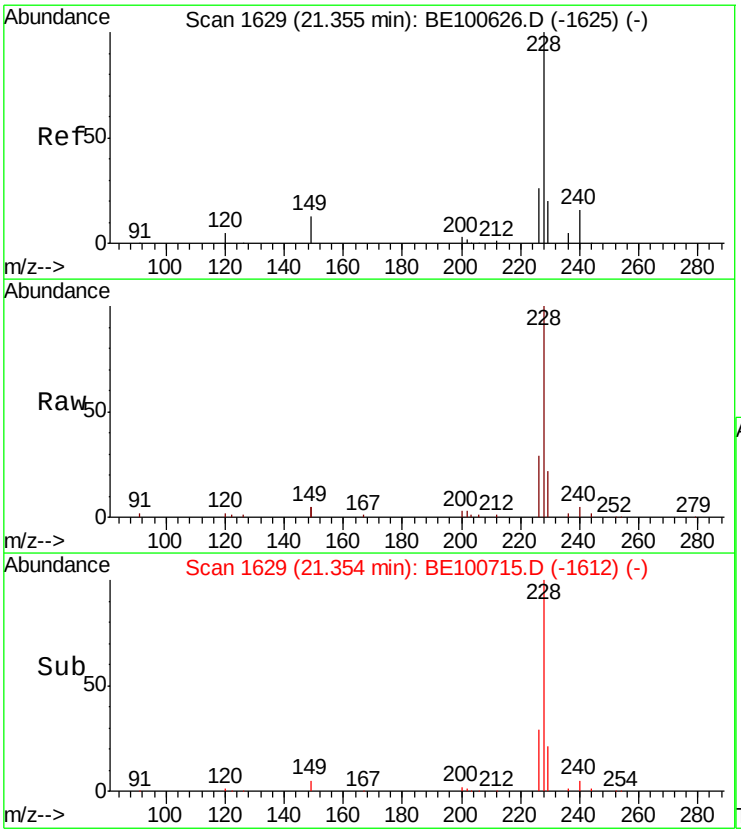
#29
Terphenyl-d14
Concen: 0.024 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 832

Ion	Ratio	Lower	Upper
244	100		
212	176.0	23.7	35.5#
122	63.6	7.9	11.9#

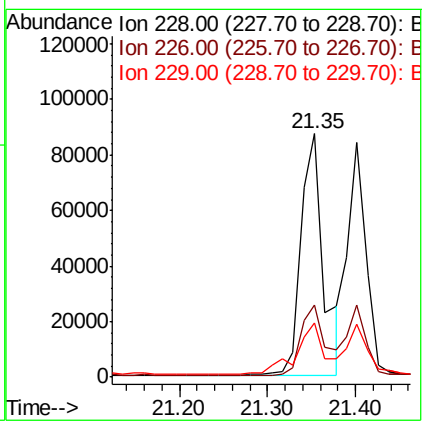


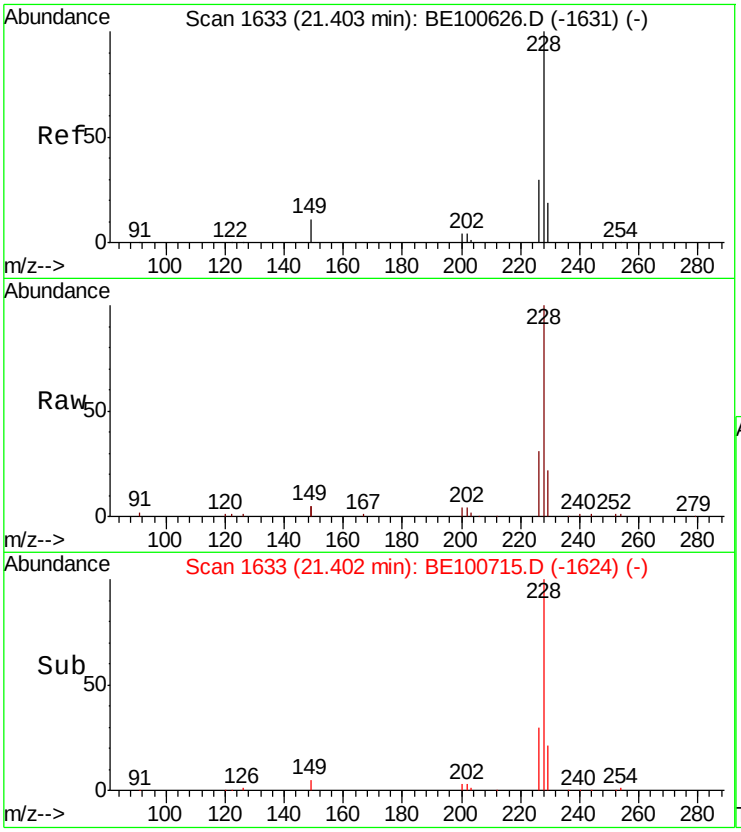


#30
Benzo(a)anthracene
Concen: 2.990 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:228 Resp: 156176

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.4	32.0
229	22.4	16.0	24.0



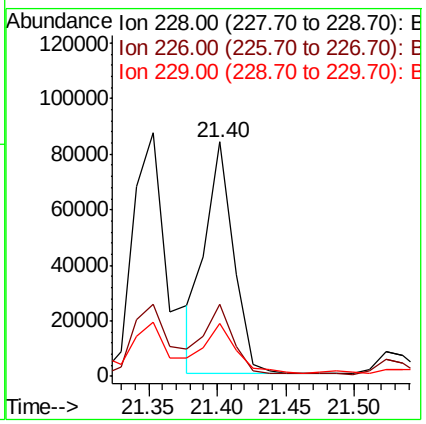


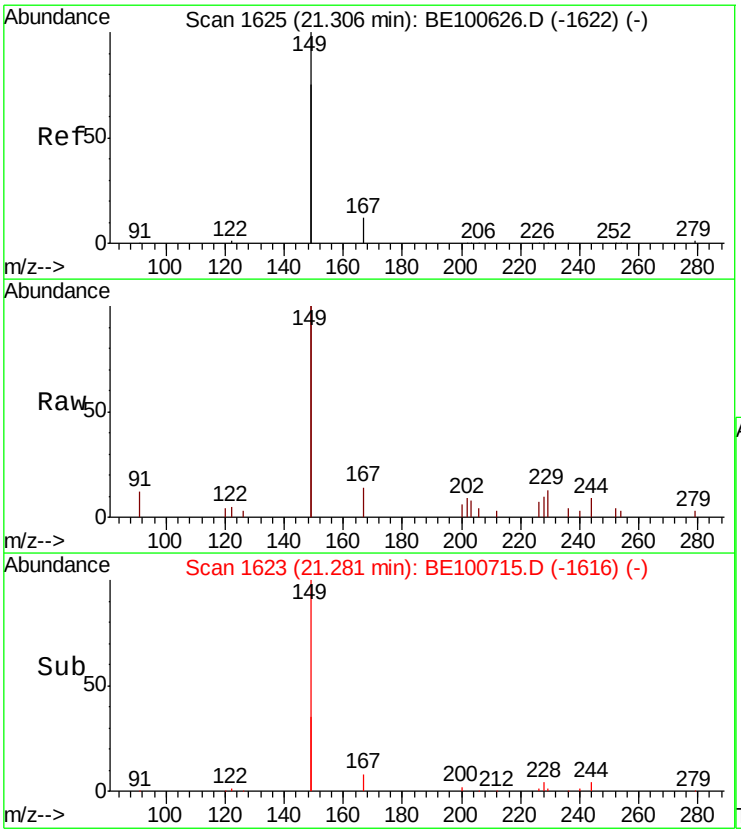
#31
Chrysene
Concen: 2.297 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 119905

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	22.4	15.8	23.8

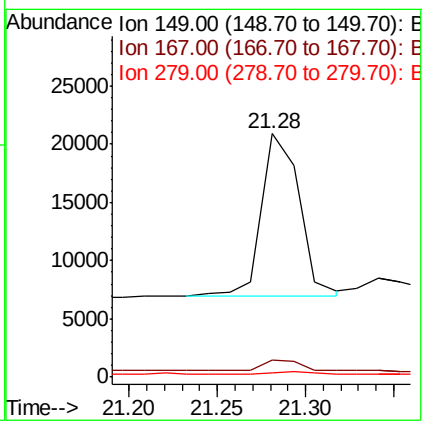


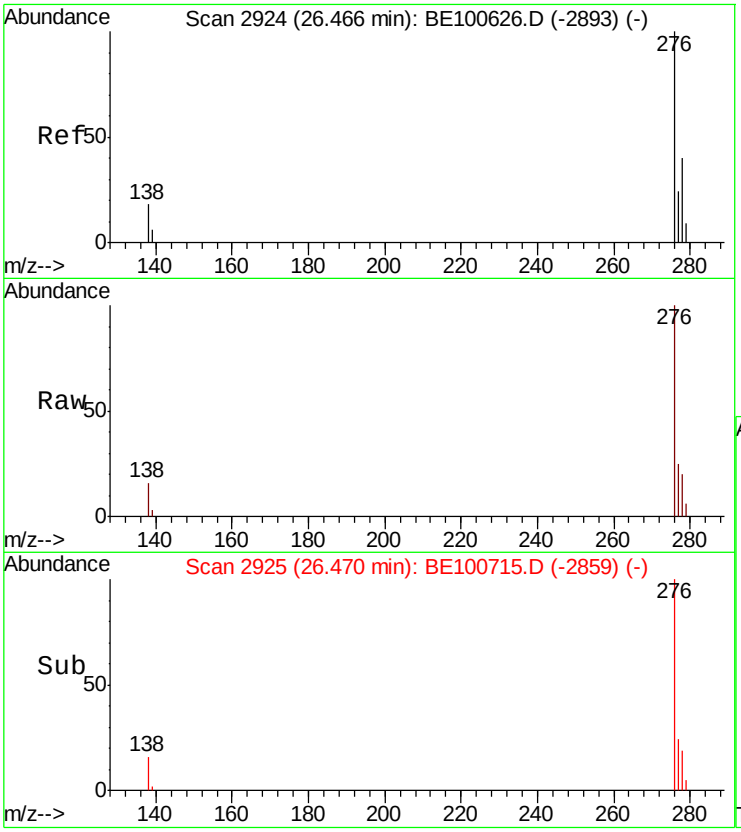


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.190 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:149 Resp: 20807

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.1	0.9	1.3



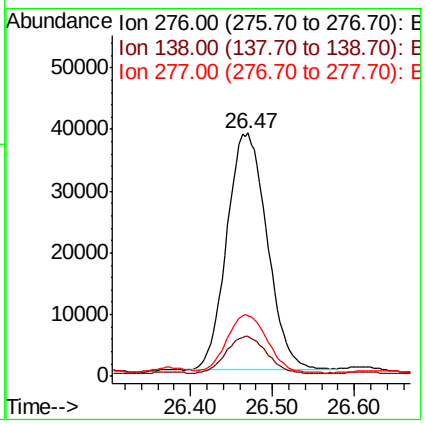


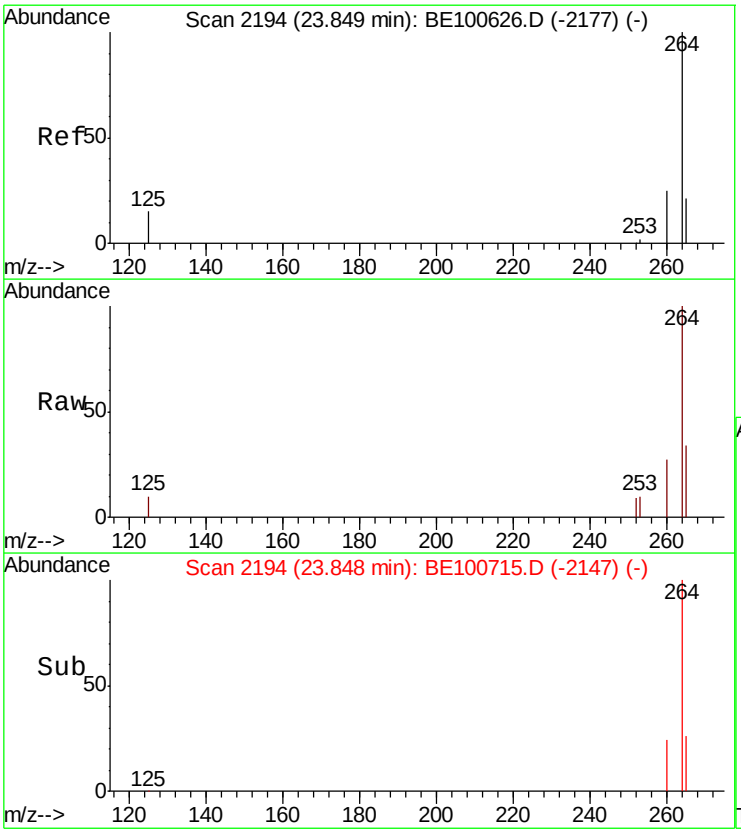
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.044 ng
RT: 26.47 min Scan# 2925
Delta R.T. 0.04 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 131127

Ion	Ratio	Lower	Upper
276	100		
138	15.7	15.3	22.9
277	24.6	19.4	29.2

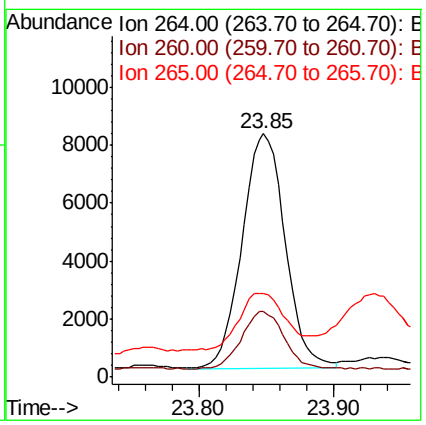


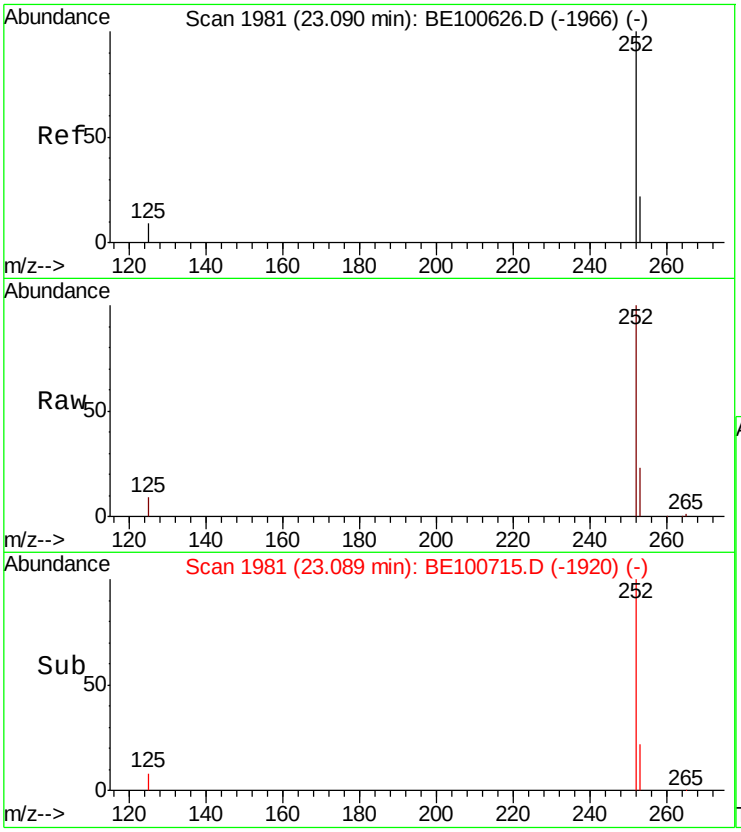


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.02 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:264 Resp: 17955

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.4	29.2
265	34.2	21.7	32.5#



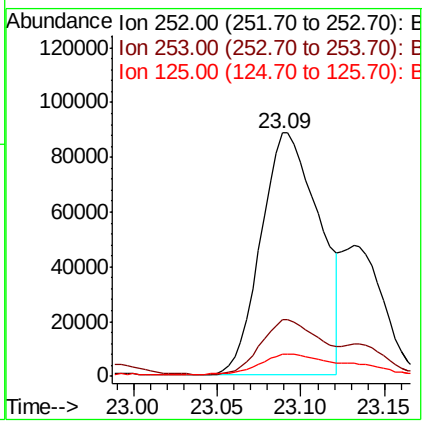


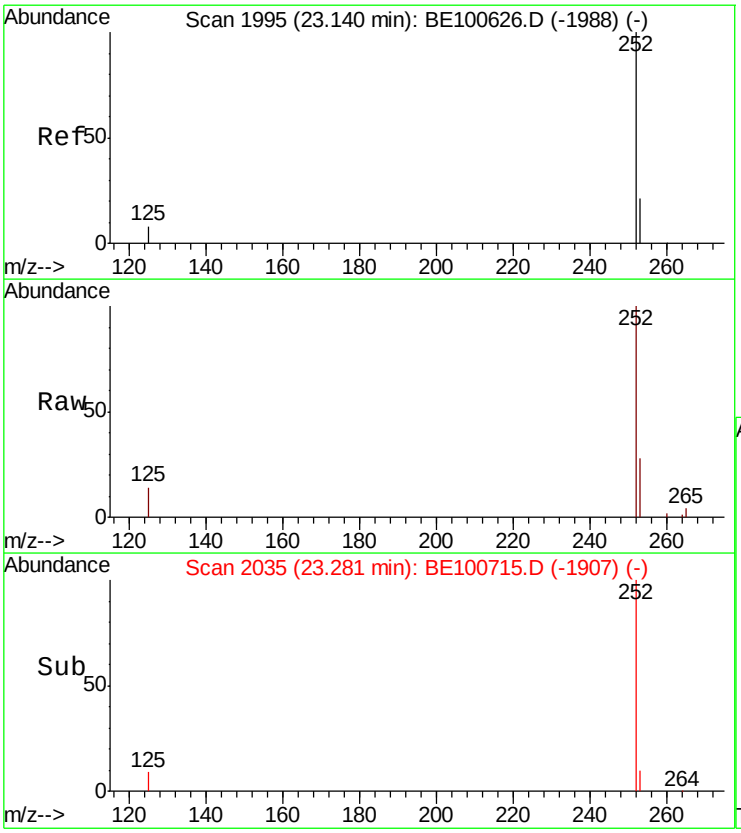
#35
Benzo(b)fluoranthene
Concen: 4.122 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.02 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 215787

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	9.0	7.6	11.4

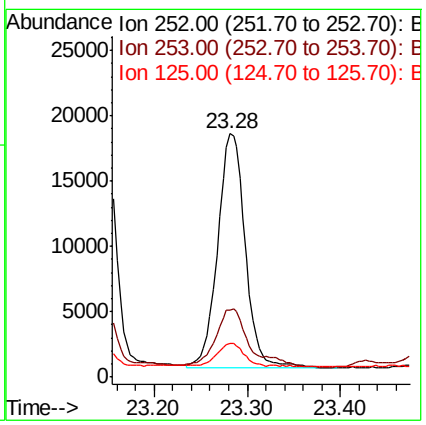


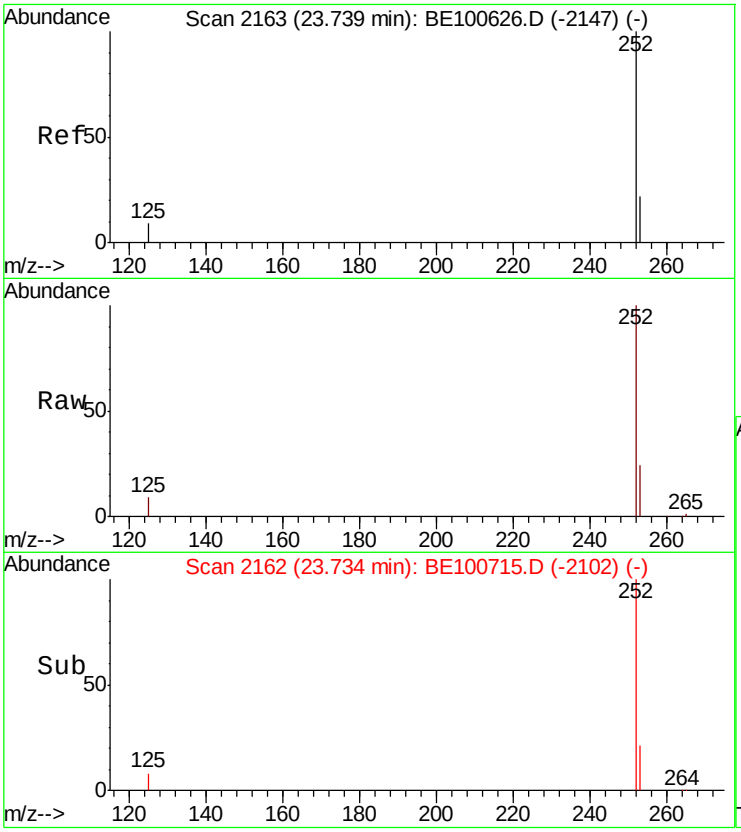


#36
Benzo(k)fluoranthene
Concen: 0.687 ng
RT: 23.28 min Scan# 2035
Delta R.T. 0.16 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:252 Resp: 36988

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.4	27.6
125	13.7	11.6	17.4



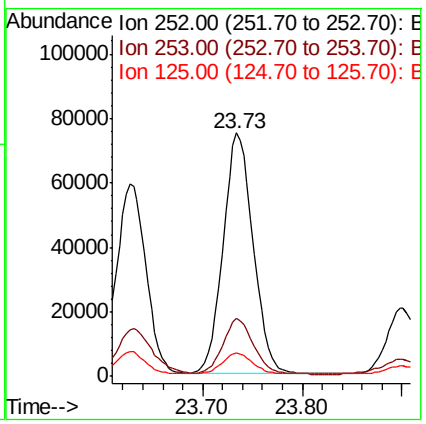


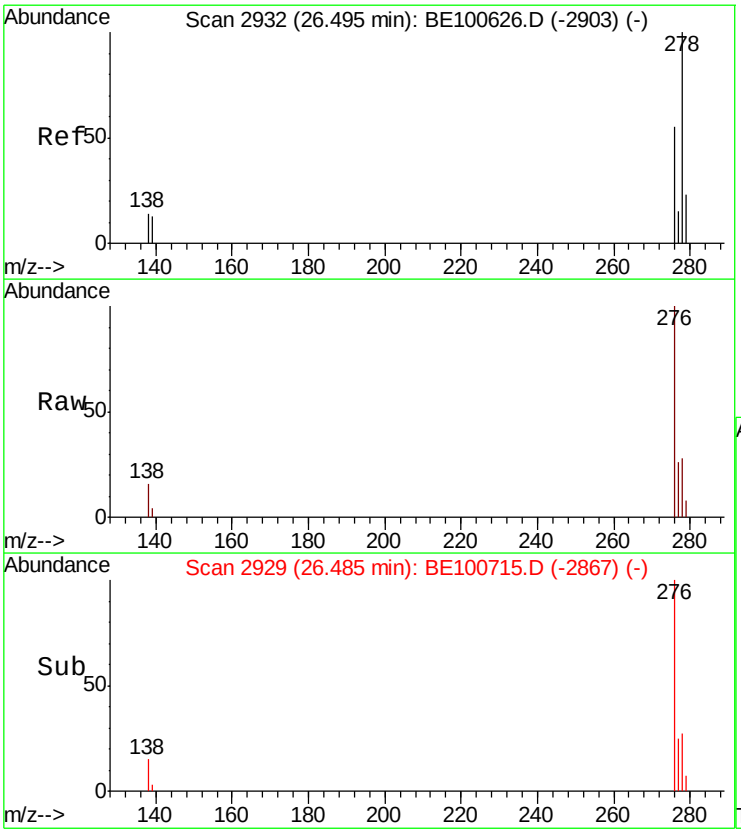
#37
Benzo(a)pyrene
Concen: 3.205 ng
RT: 23.73 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 156212

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	9.5	8.2	12.4

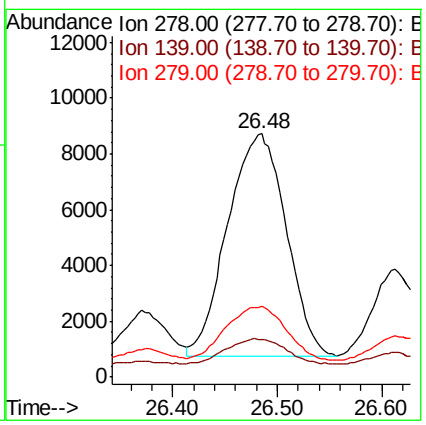


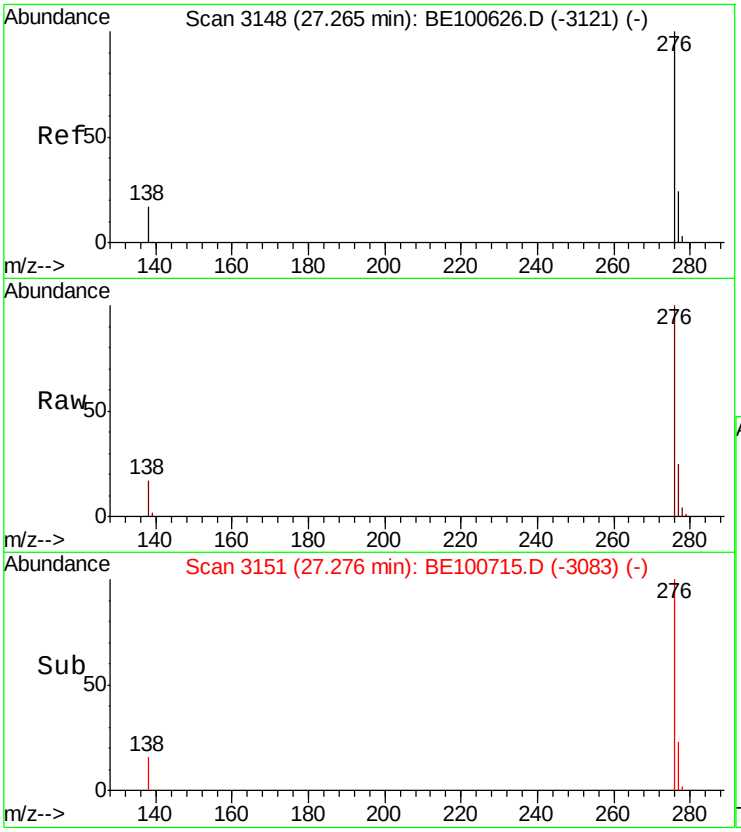


#38
Dibenzo(a,h)anthracene
Concen: 0.613 ng
RT: 26.48 min Scan# 2929
Delta R.T. 0.02 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Tgt Ion:278 Resp: 30870

Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.9	16.3
279	29.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 2.704 ng
RT: 27.28 min Scan# 3151
Delta R.T. 0.04 min
Lab File: BE100715.D
Acq: 8 Nov 2019 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 136979

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	16.8	13.6	20.4