Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110819\
Data File : BE100713.D
Acq On : 8 Nov 2019 12:01
Operator : JU
Sample : K5725-02DL 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 08 13:09:30 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	2052	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	9701	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	6560	0.40	ng		0.01
19) Phenanthrene-d10	17.20	188	14361	0.40	ng		0.00
27) Chrysene-d12	21.37	240	15793	0.40	ng		0.01
34) Perylene-d12	23.84	264	17936	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	91	0.01	ng		0.01
5) Phenol-d6	7.02	99	131	0.01	ng		0.01
8) Nitrobenzene-d5	9.00	82	86	0.01	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	196	0.01	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	6	0.00	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	232	0.01	ng		0.01
25) Fluoranthene-d10	19.22	212	1749	0.01	ng		0.00
29) Terphenyl-d14	19.82	244	497	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	36292	0.356	ng		100
12) 2-Methylnaphthalene	12.30	142	2744	0.158	ng	#	86
16) Acenaphthylene	14.20	152	5400	0.191	ng		98
17) Acenaphthene	14.54	154	5207	0.285	ng		97
18) Fluorene	15.51	166	7872	0.325	ng		99
23) Phenanthrene	17.24	178	124995	3.164	ng		99
24) Anthracene	17.33	178	31848	0.869	ng		97
26) Fluoranthene	19.26	202	208174	4.038	ng		99
28) Pyrene	19.61	202	198274	4.494	ng	#	95
30) Benzo(a)anthracene	21.35	228	136226	2.644	ng		95
31) Chrysene	21.40	228	101978	1.981	ng		97
32) Bis(2-ethylhexyl)phthalate	21.28	149	6521	0.061	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	87758	1.387	ng		97
35) Benzo(b)fluoranthene	23.10	252	154469	2.954	ng		99
36) Benzo(k)fluoranthene	23.10	252	154469	2.872	ng	#	95
37) Benzo(a)pyrene	23.73	252	123754	2.542	ng		99
38) Dibenzo(a,h)anthracene	26.48	278	21830	0.434	ng	#	87
39) Benzo(g,h,i)perylene	27.28	276	91748	1.813	ng		99

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

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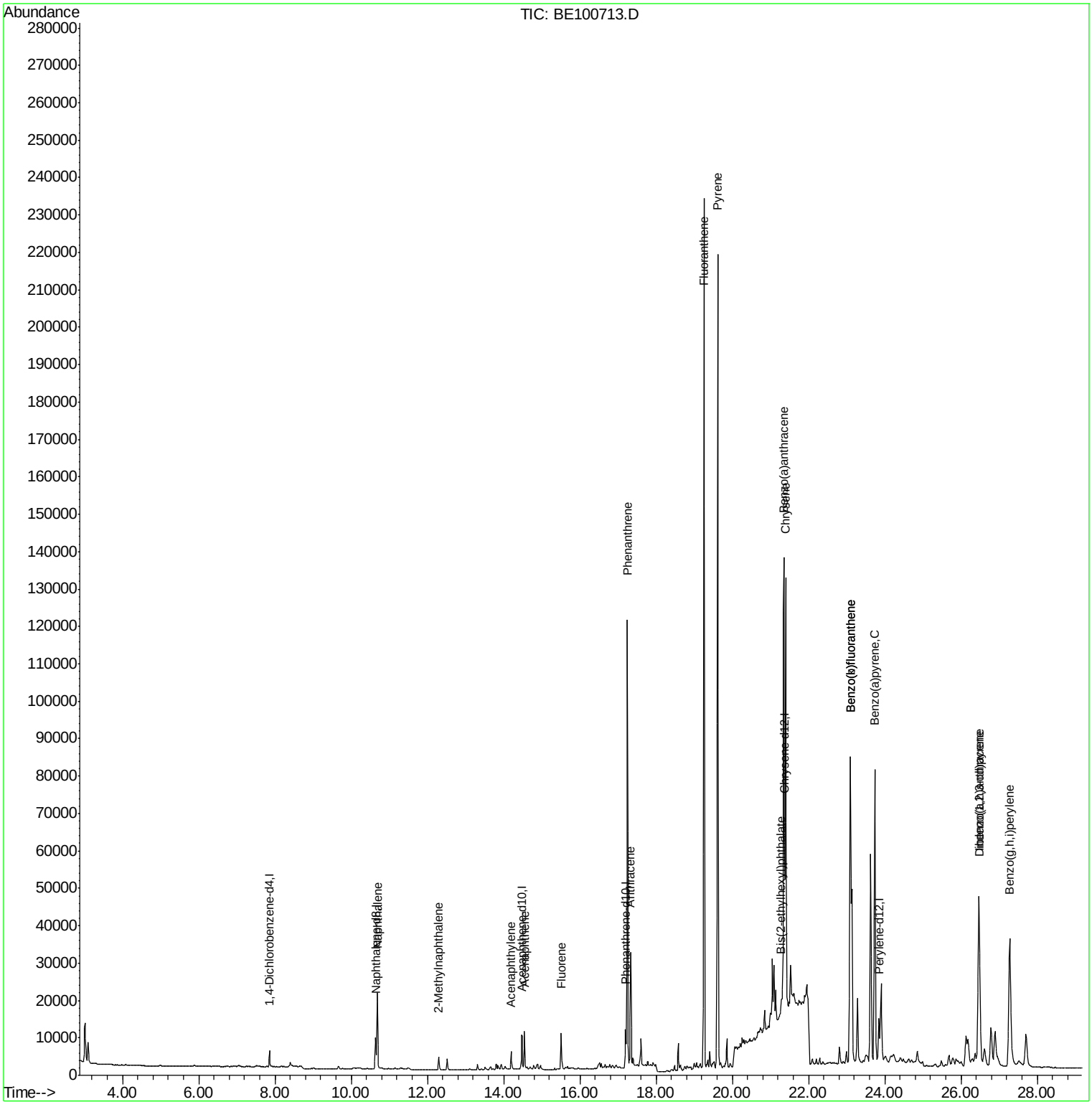
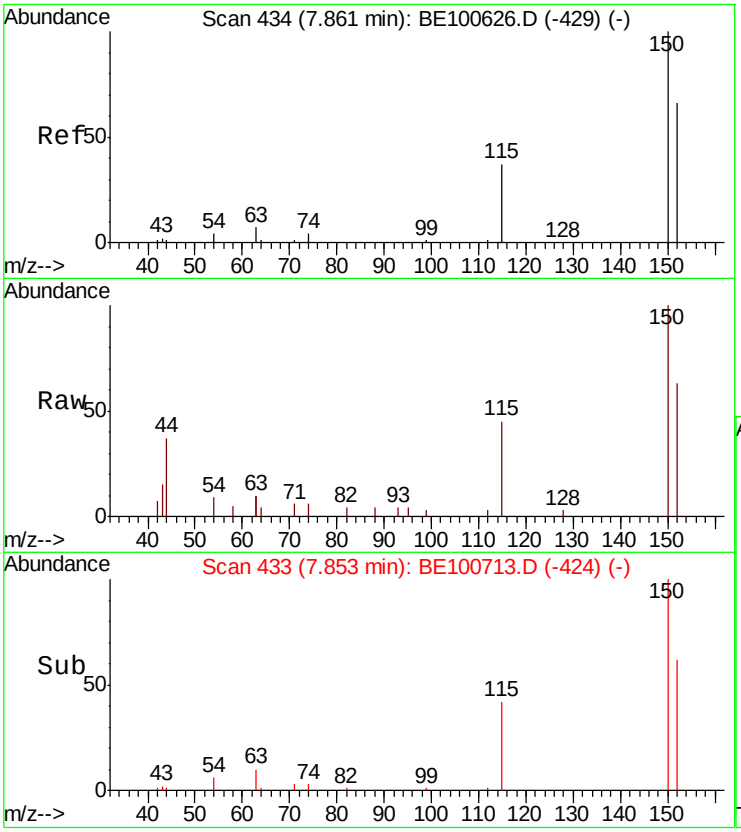
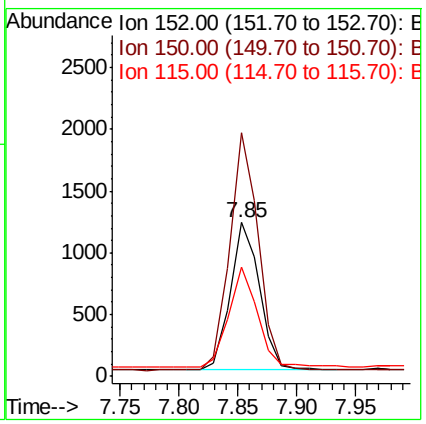




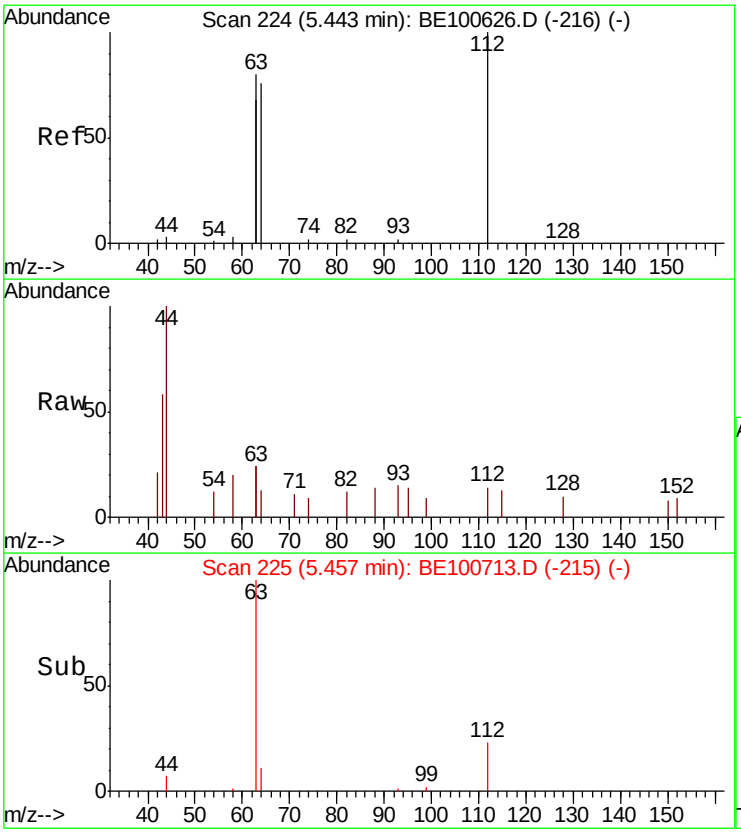
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:152 Resp: 2052

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.3	184.9
115	70.7	51.9	77.9



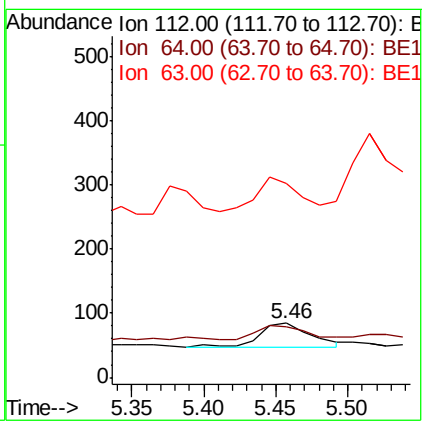
Instrument :
BNA_E
ClientSampleId :

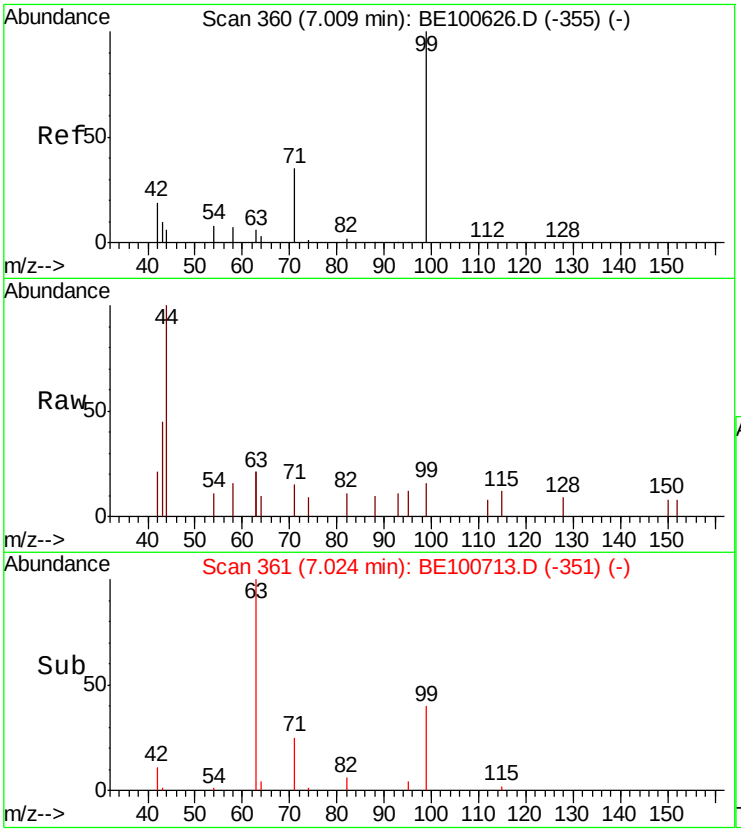


#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:112 Resp: 91

Ion	Ratio	Lower	Upper
112	100		
64	58.2	55.4	83.2
63	116.5	114.2	171.4



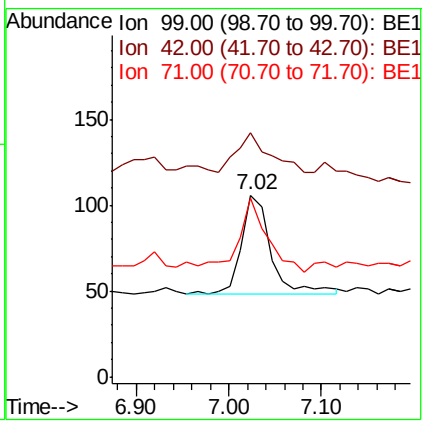


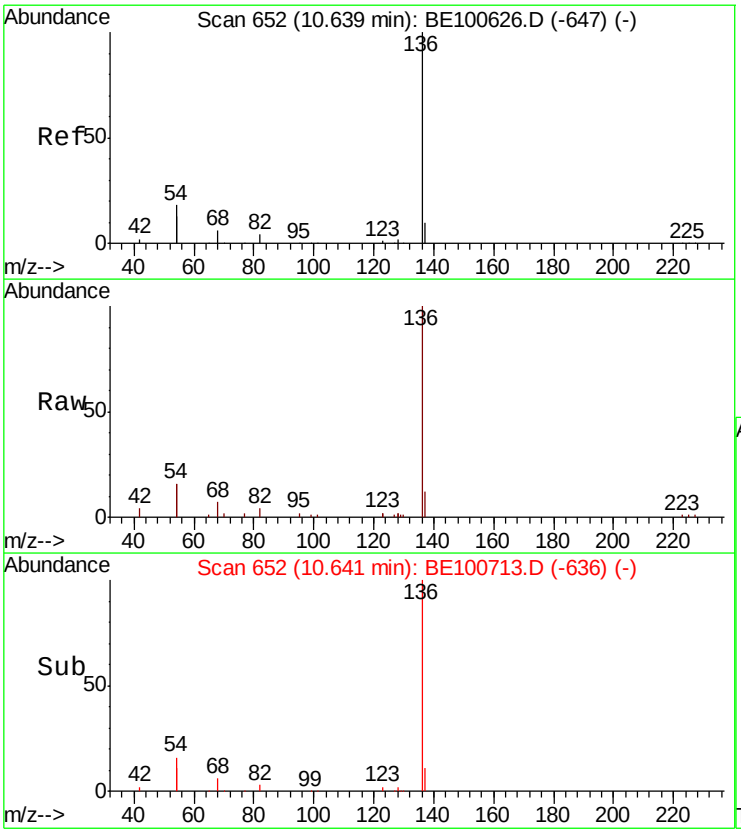
#5
Phenol-d6
Concen: 0.015 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 131

Ion	Ratio	Lower	Upper
99	100		
42	42.7	17.7	26.5#
71	77.1	27.4	41.0#

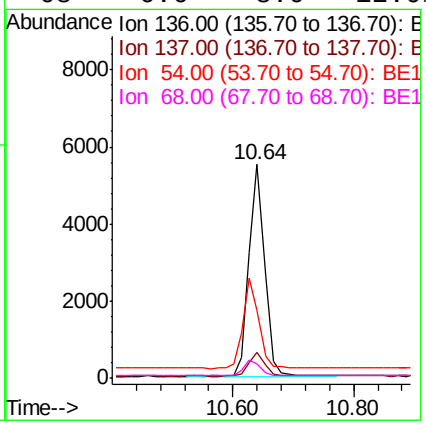


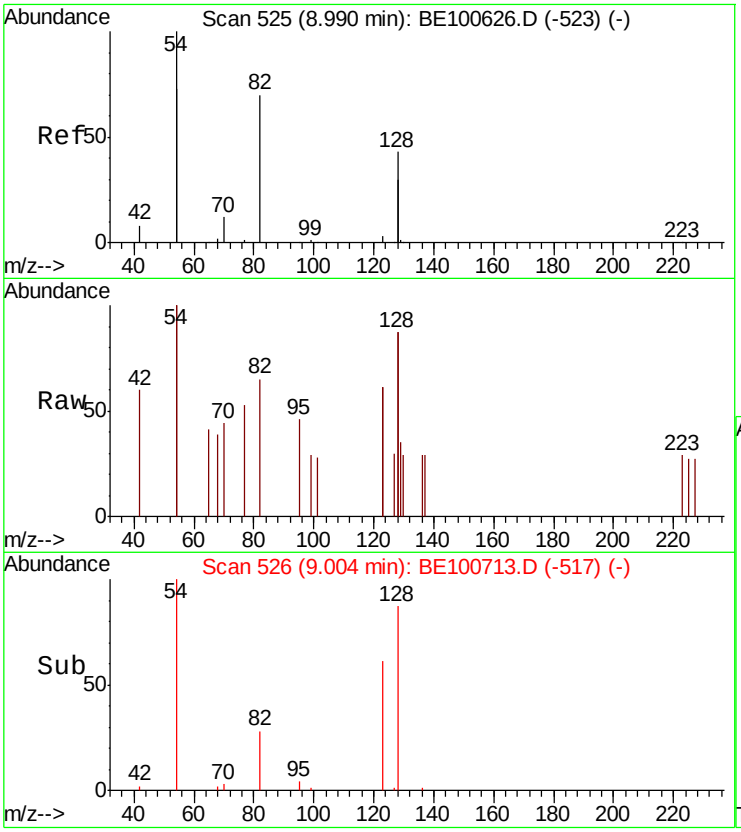


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:136 Resp: 9701

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	31.8	39.4	59.2#
68	6.6	8.0	12.0#



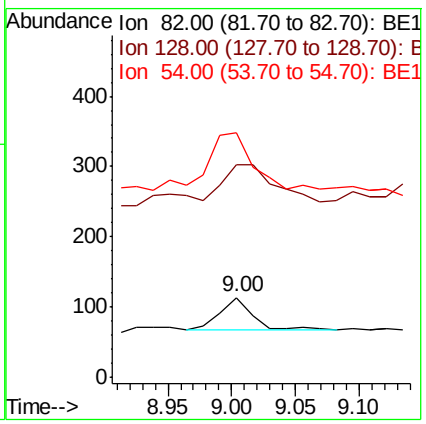


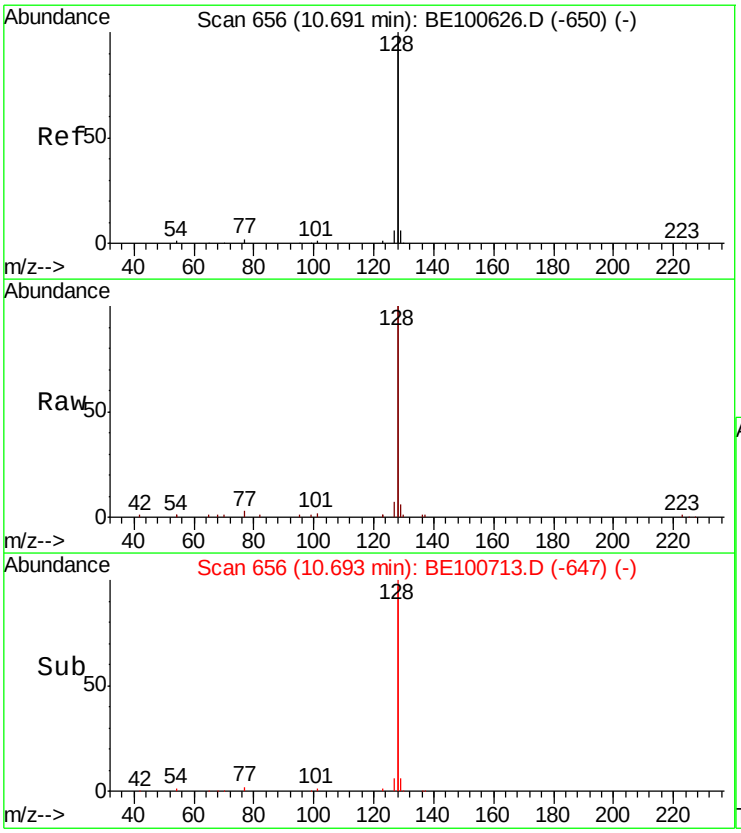
#8
Nitrobenzene-d5
Concen: 0.014 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 86

Ion	Ratio	Lower	Upper
82	100		
128	267.3	107.8	161.8#
54	308.0	166.1	249.1#

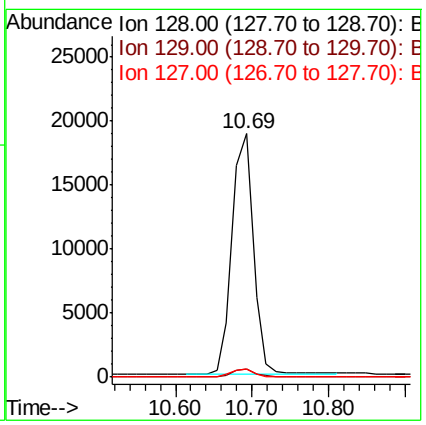


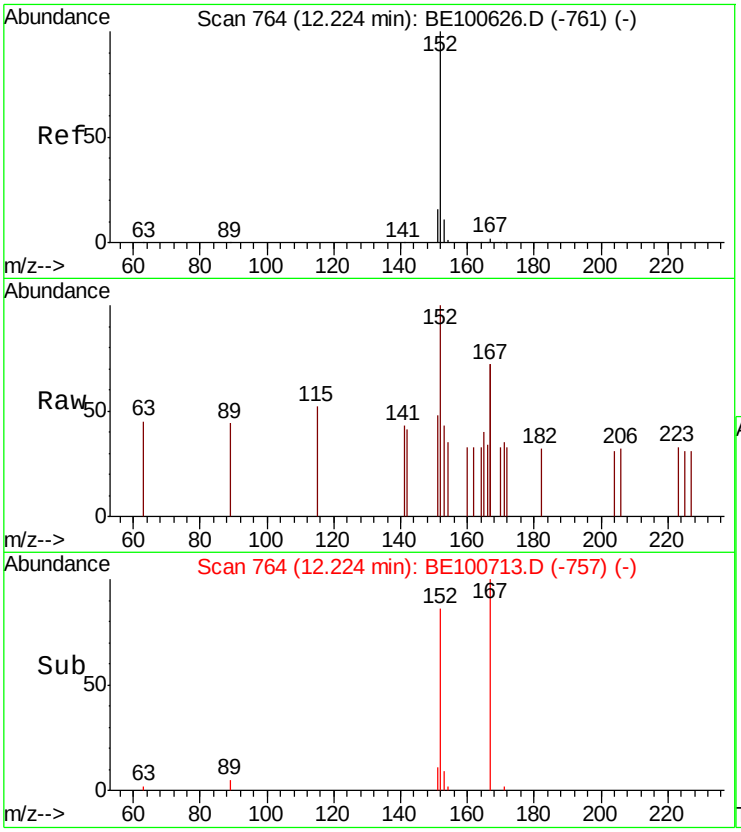


#9
Naphthalene
Concen: 0.356 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:128 Resp: 36292

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.3	3.5
127	3.3	2.7	4.1



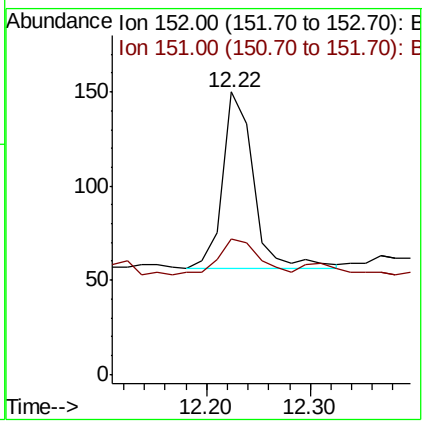


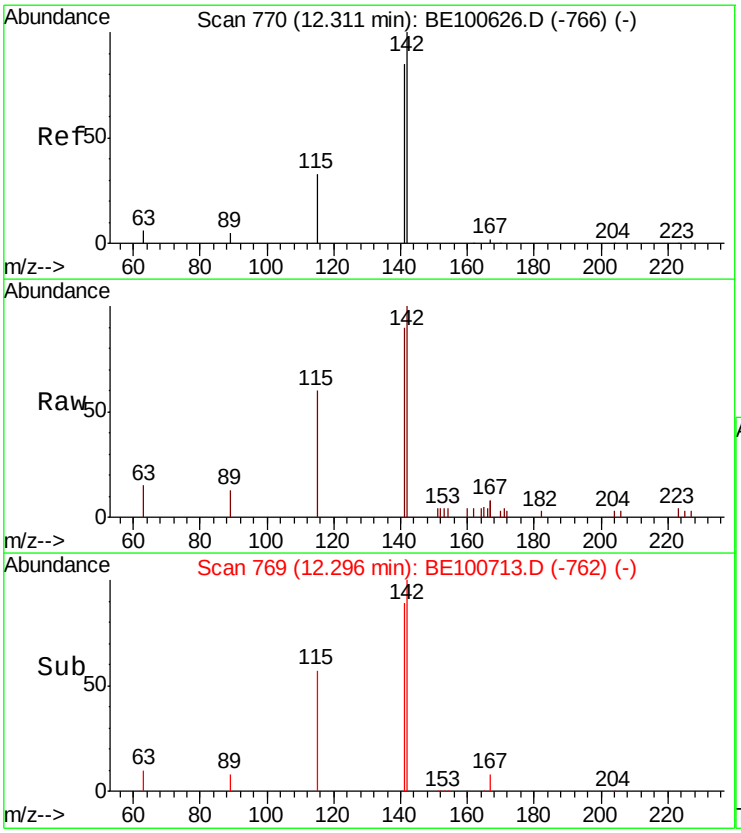
#11
2-Methylnaphthalene-d10
Concen: 0.013 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 196

Ion	Ratio	Lower	Upper
152	100		
151	25.5	14.7	22.1#

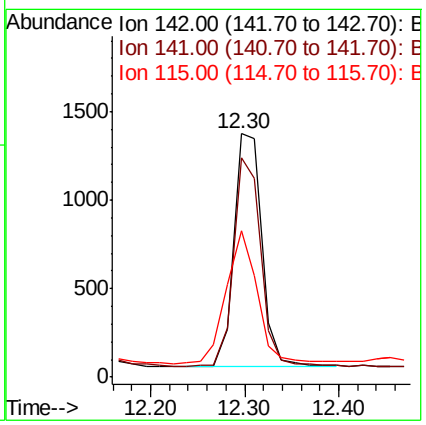


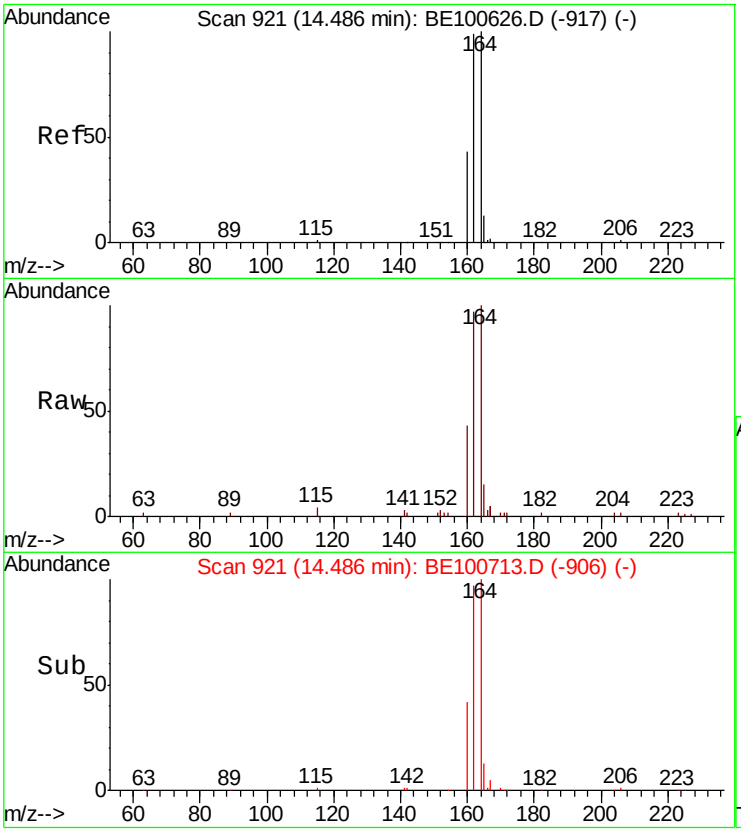


#12
2-Methylnaphthalene
Concen: 0.158 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:142 Resp: 2744

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.1	105.1
115	60.1	28.3	42.5#



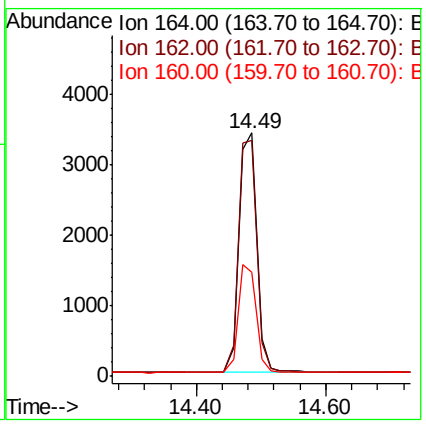


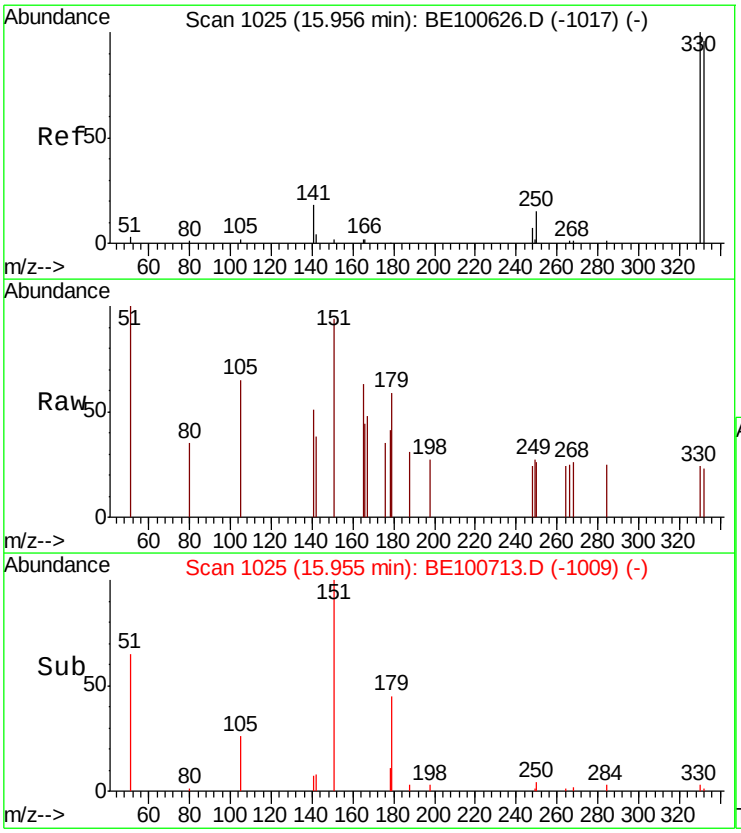
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6560

Ion	Ratio	Lower	Upper
164	100		
162	96.7	82.0	123.0
160	42.8	37.5	56.3

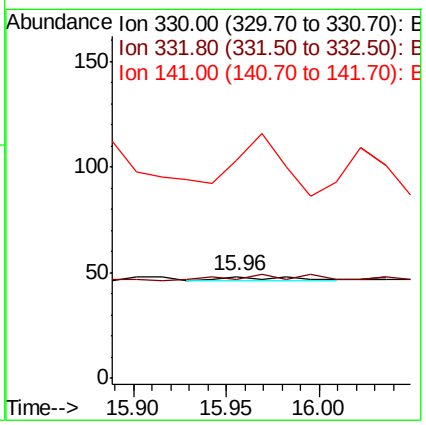


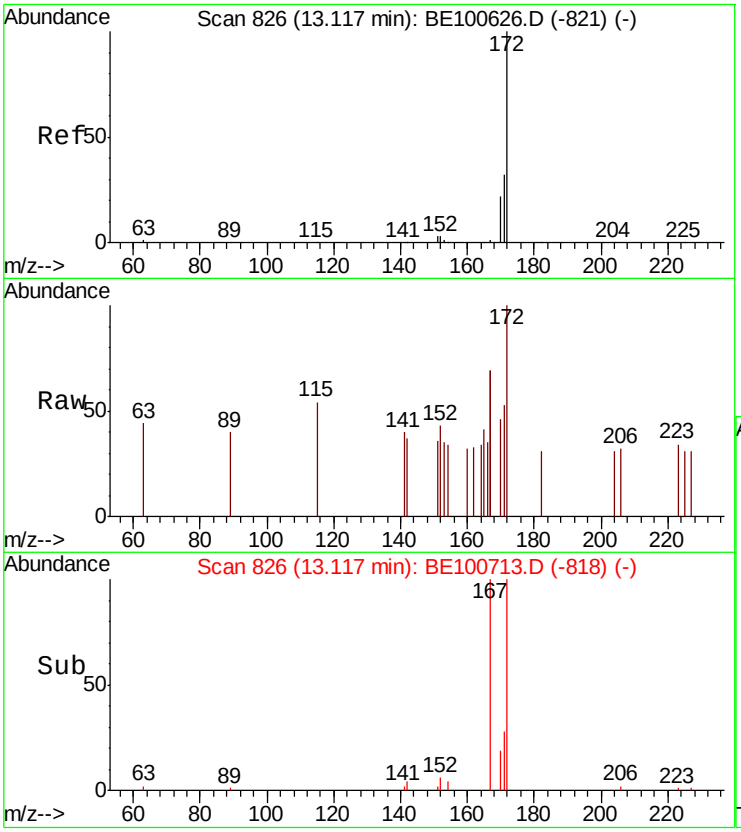


#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:330 Resp: 6

Ion	Ratio	Lower	Upper
330	100		
332	166.7	77.9	116.9#
141	816.7	33.0	49.6#



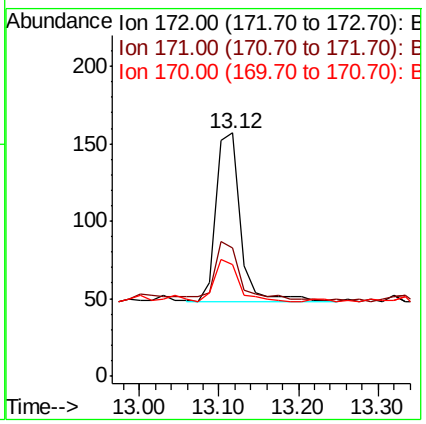


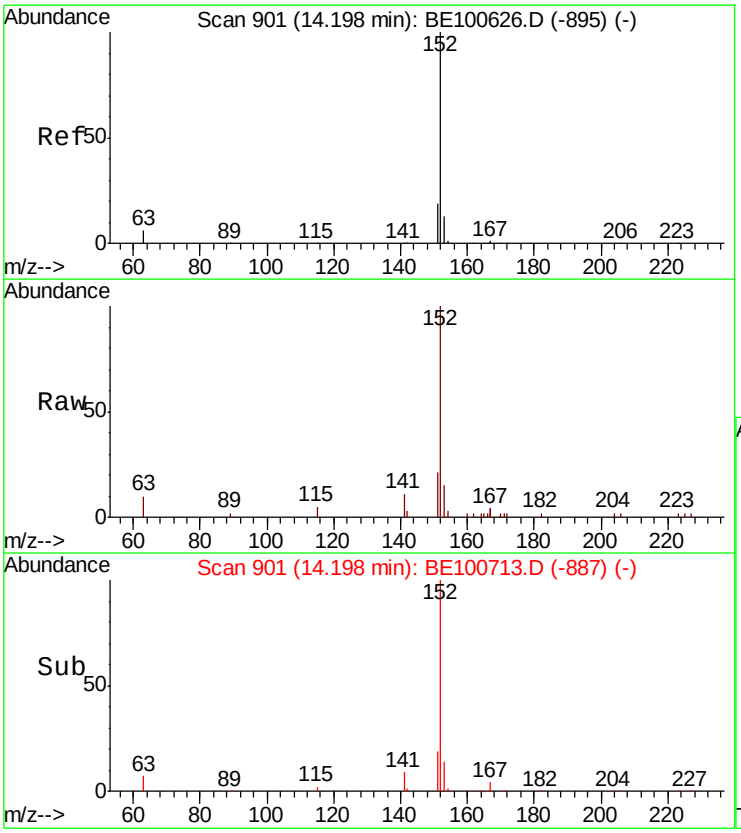
#15
2-Fluorobiphenyl
Concen: 0.010 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 232

Ion	Ratio	Lower	Upper
172	100		
171	52.9	26.5	39.7#
170	45.9	19.0	28.4#

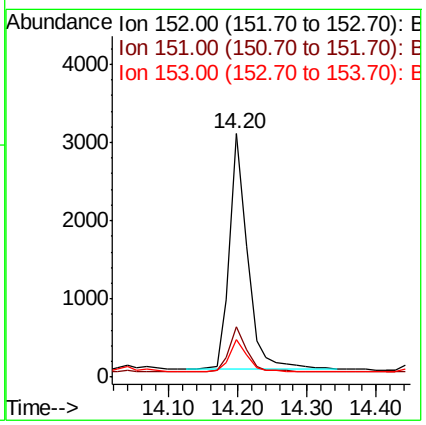


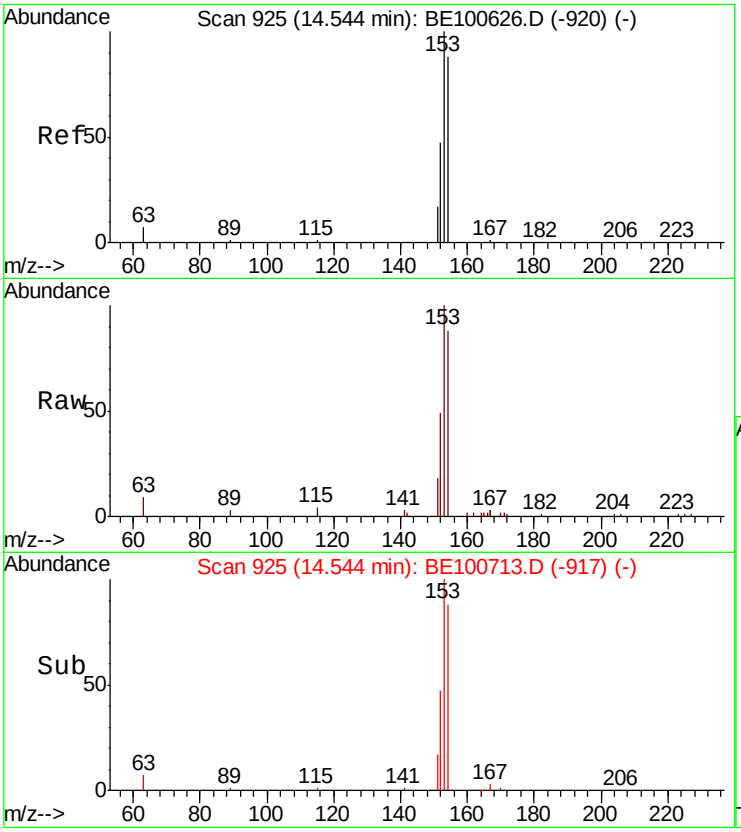


#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:152 Resp: 5400

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	14.4	10.3	15.5



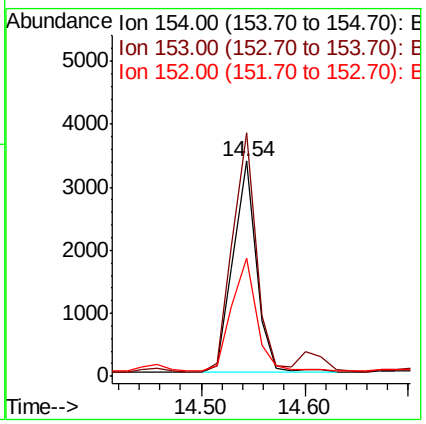


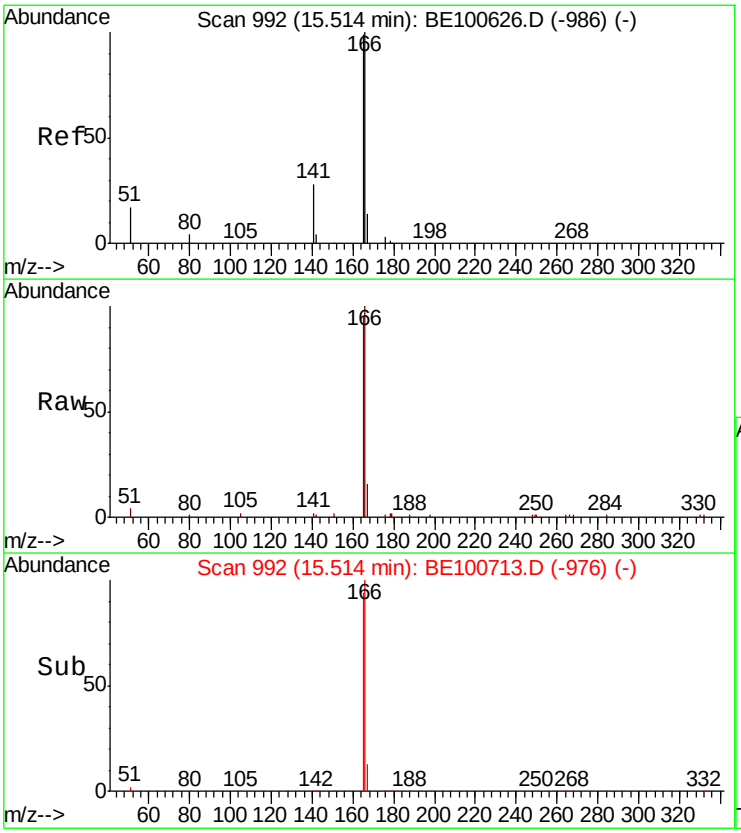
#17
Acenaphthene
Concen: 0.285 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5207

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.4	134.2
152	56.7	44.1	66.1

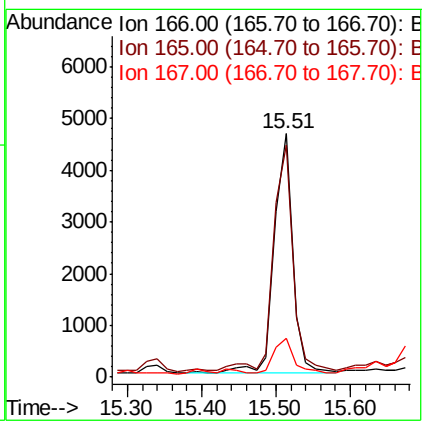


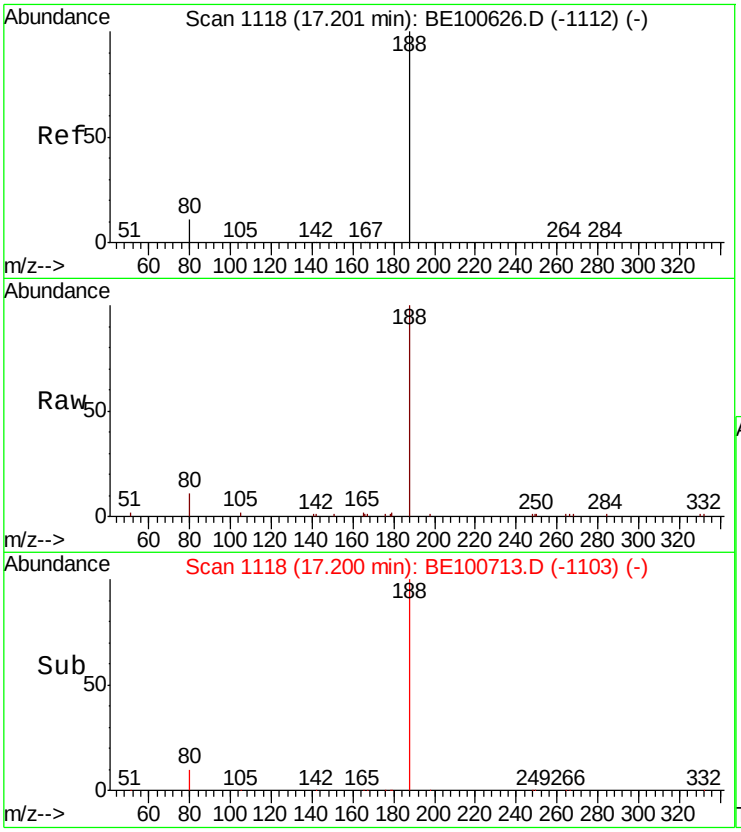


#18
Fluorene
Concen: 0.325 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:166 Resp: 7872

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	15.6	10.9	16.3



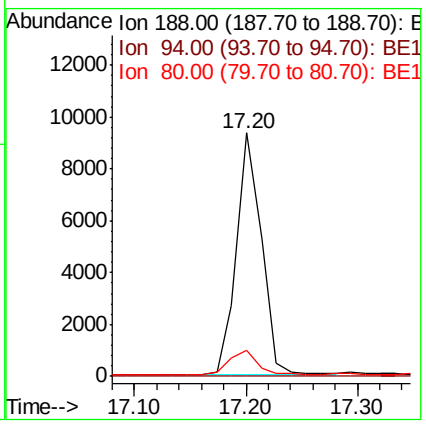


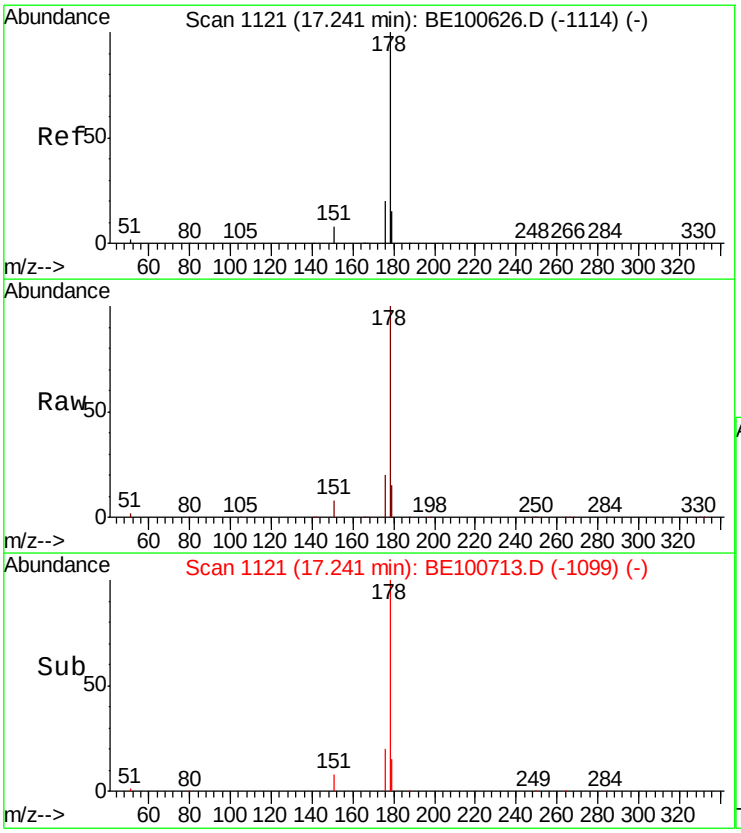
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 14361

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	5.4	8.0#

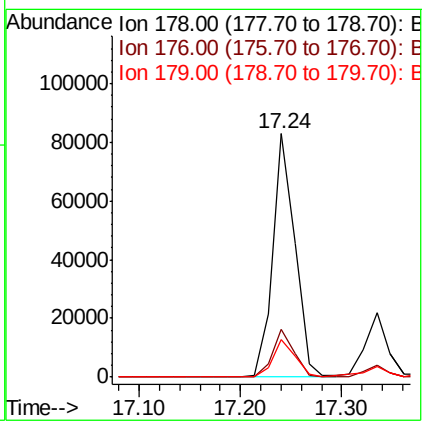


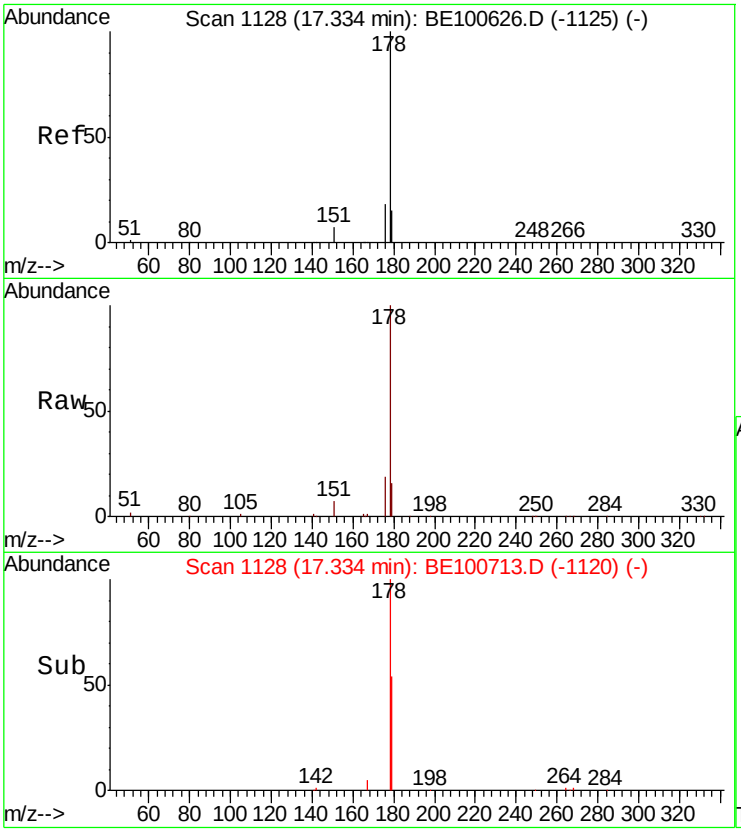


#23
Phenanthrene
Concen: 3.164 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:178 Resp: 124995

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.5	12.1	18.1



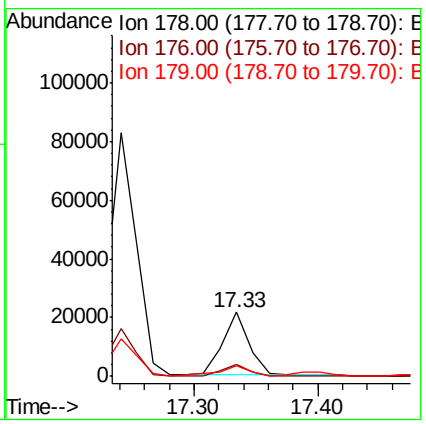


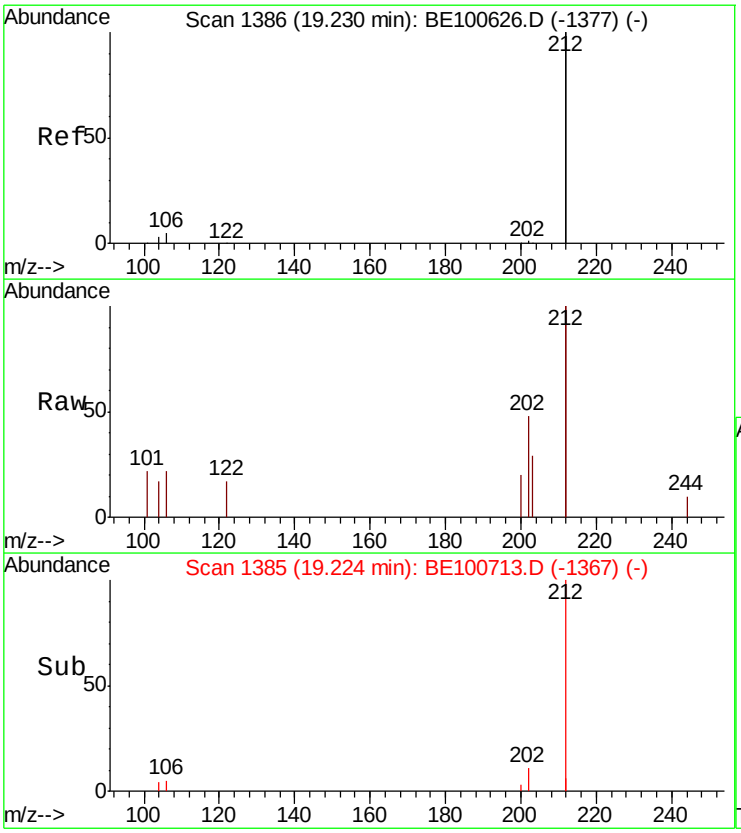
#24
Anthracene
Concen: 0.869 ng
RT: 17.33 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 31848

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	17.6	12.5	18.7

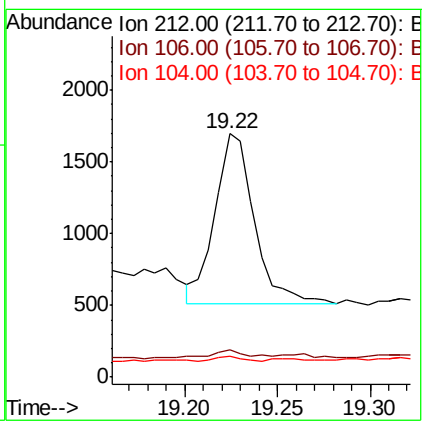


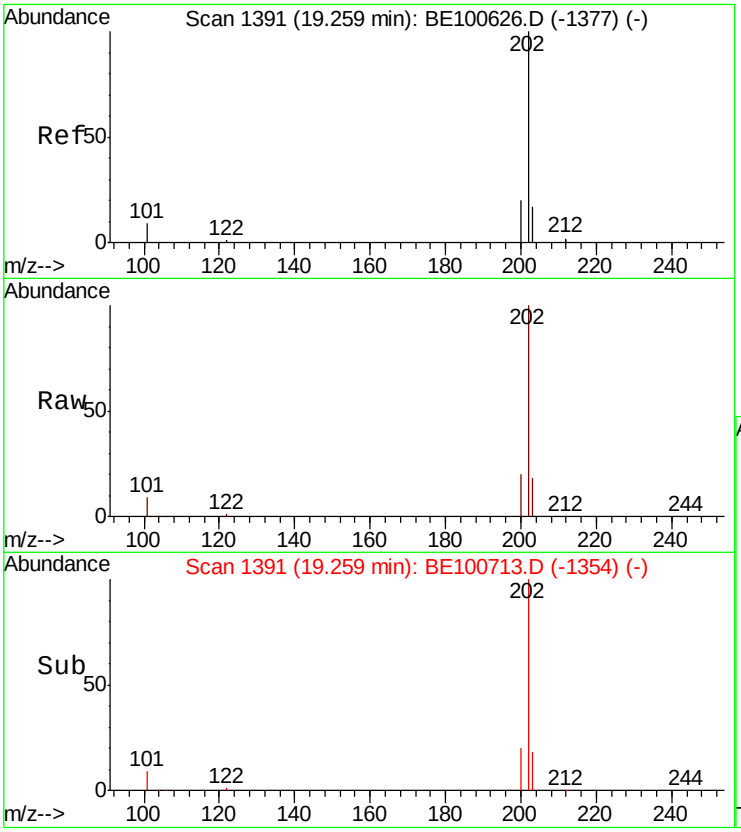


#25
Fluoranthene-d10
Concen: 0.009 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:212 Resp: 1749

Ion	Ratio	Lower	Upper
212	100		
106	5.2	2.3	3.5#
104	1.7	1.3	1.9



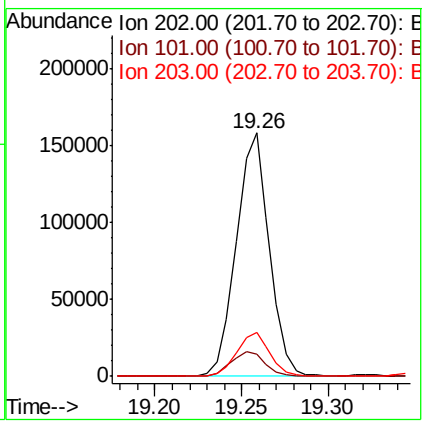


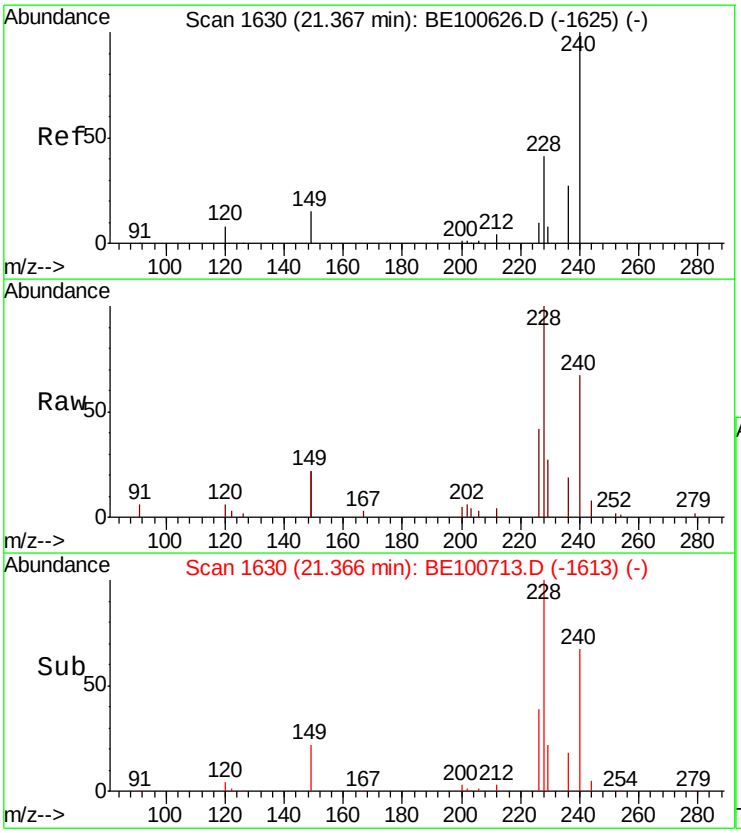
#26
Fluoranthene
Concen: 4.038 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 208174

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.5	12.7
203	17.6	13.8	20.8

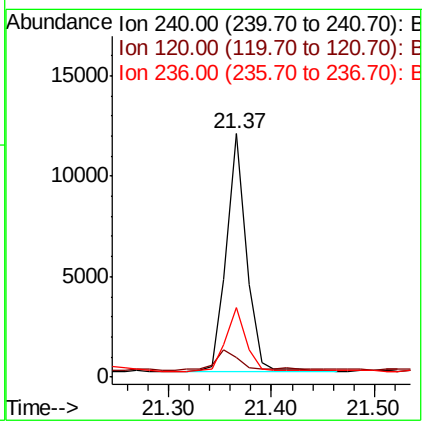


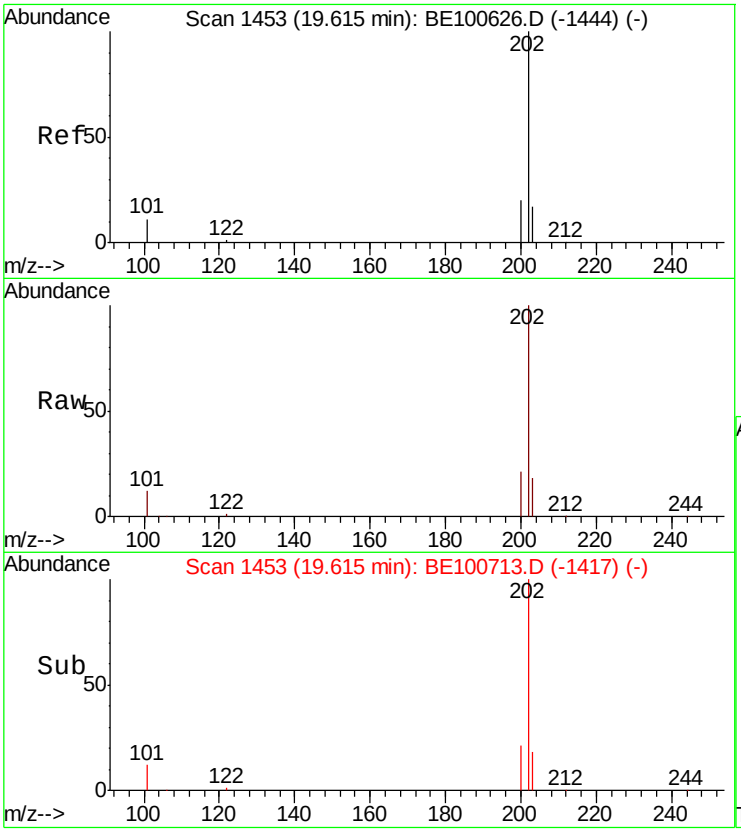


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:240 Resp: 15793

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.6	11.4
236	28.5	22.1	33.1



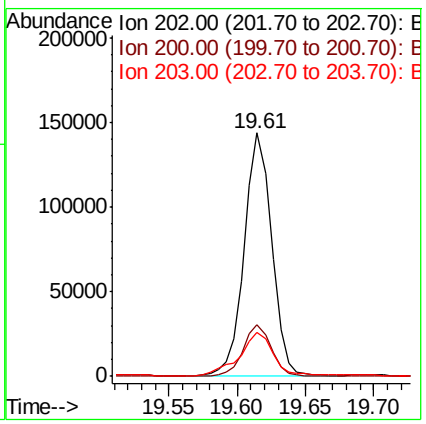


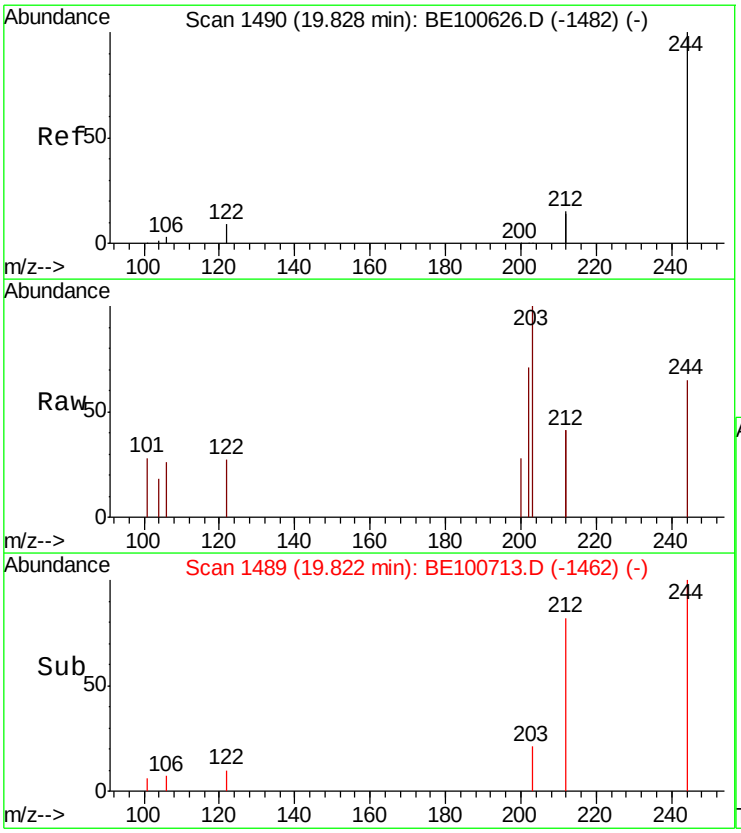
#28
Pyrene
Concen: 4.494 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 198274

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	21.9	14.0	21.0#

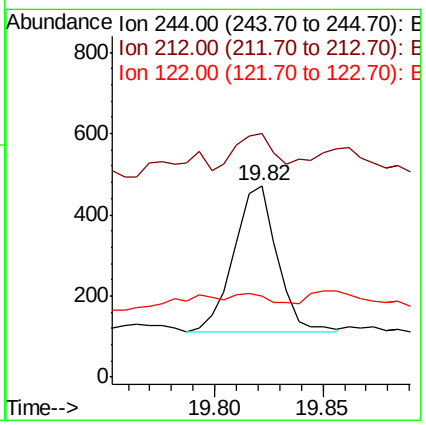


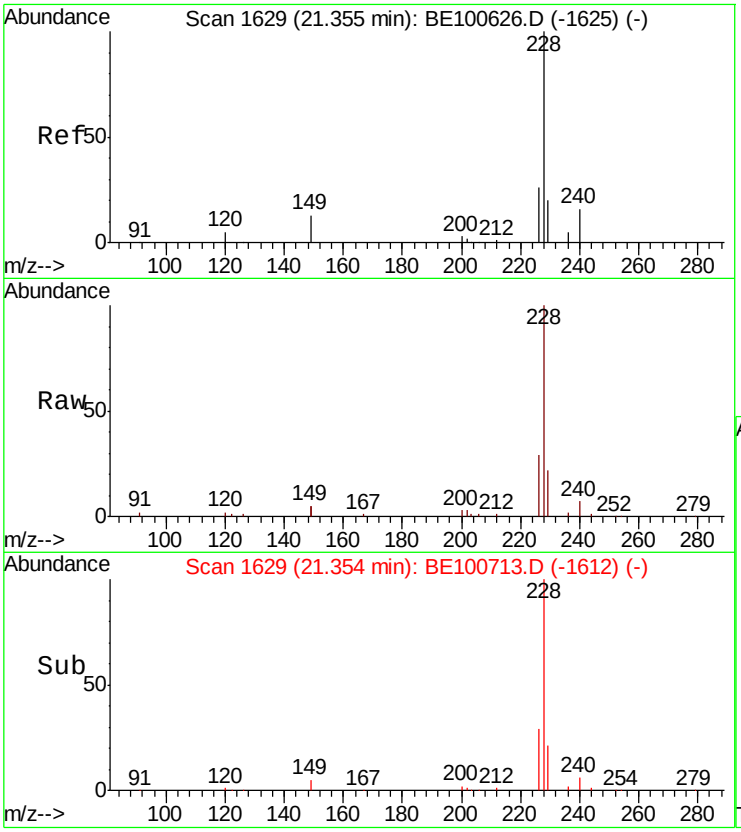


#29
Terphenyl-d14
Concen: 0.014 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:244 Resp: 497

Ion	Ratio	Lower	Upper
244	100		
212	127.1	23.7	35.5#
122	42.2	7.9	11.9#



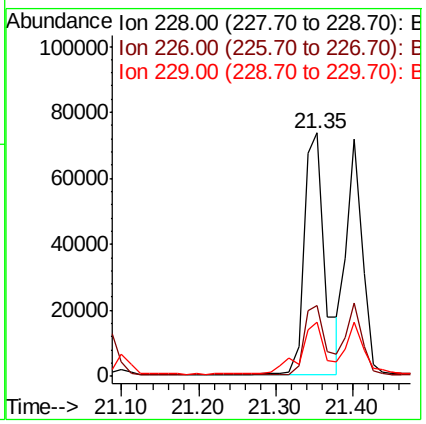


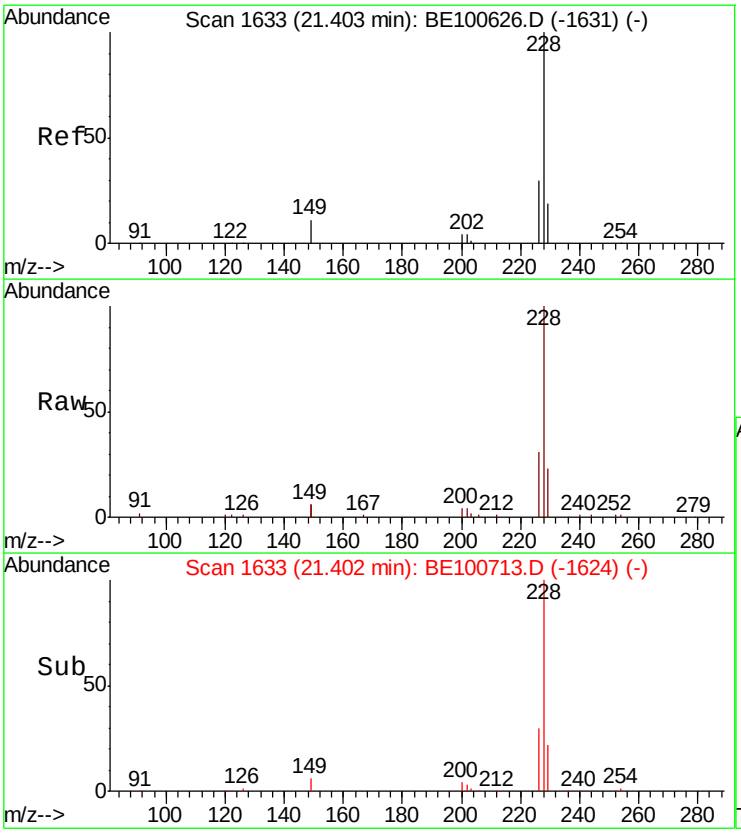
#30
Benzo(a)anthracene
Concen: 2.644 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 136226

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.4	32.0
229	22.1	16.0	24.0

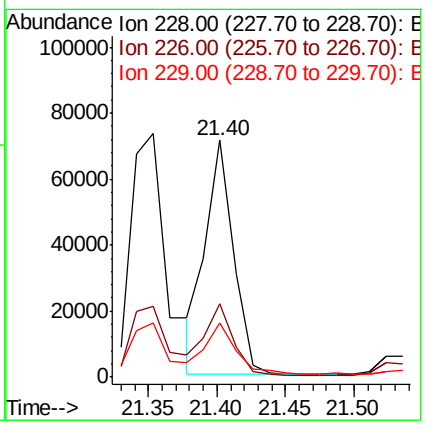


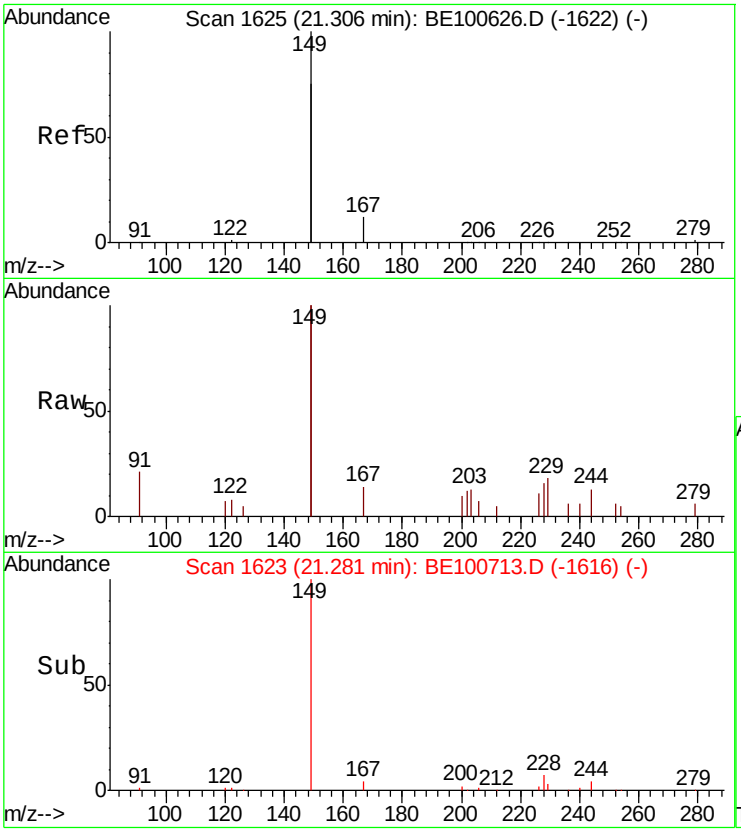


#31
Chrysene
Concen: 1.981 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:228 Resp: 101978

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	22.9	15.8	23.8



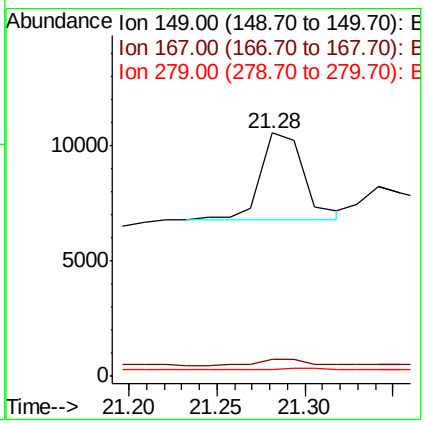


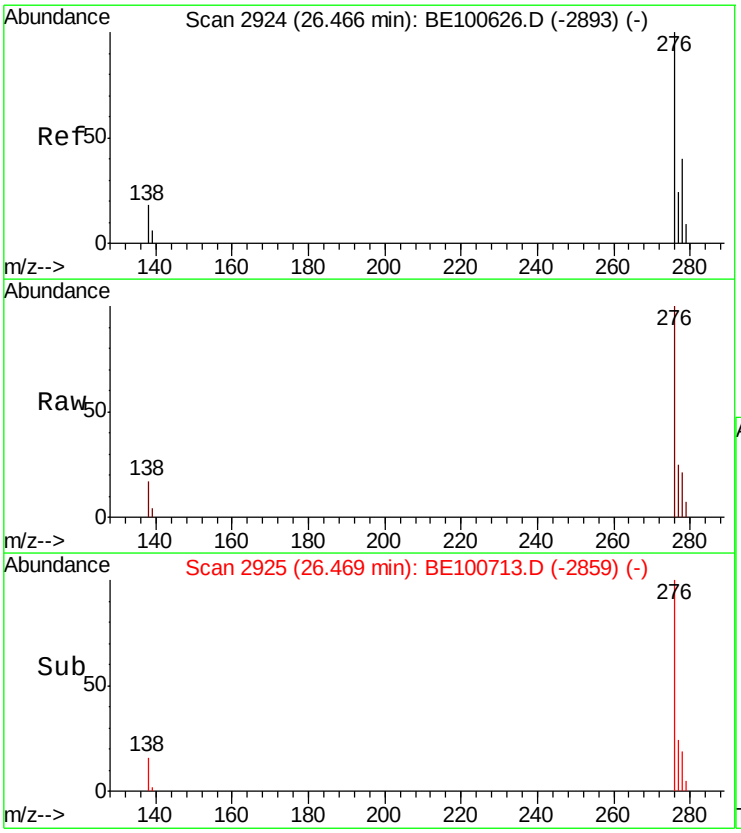
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.061 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 6521

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	2.2	0.9	1.3#

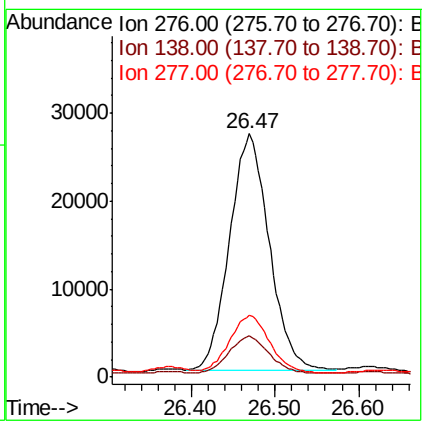


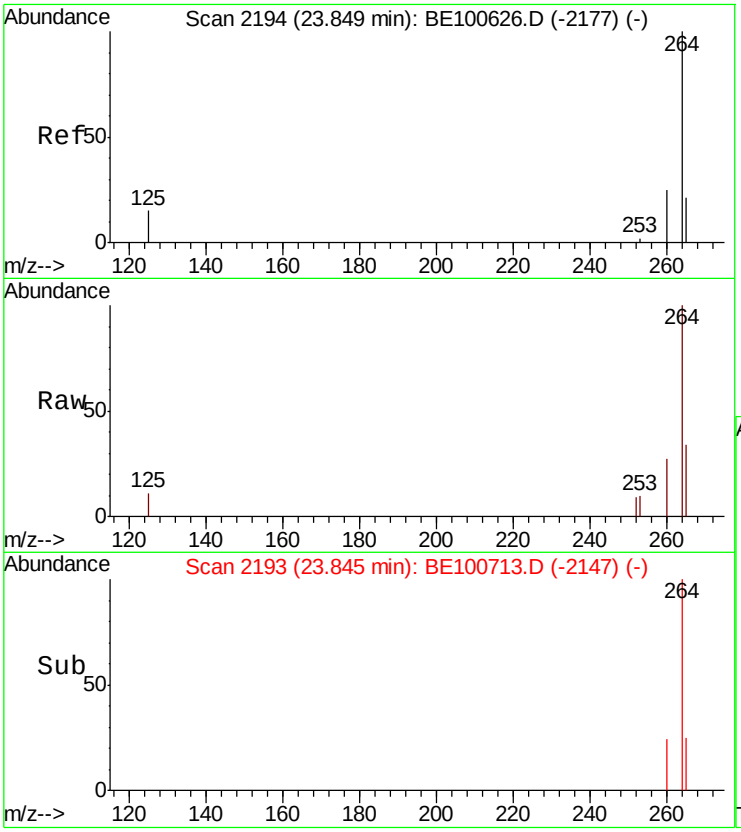


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.387 ng
RT: 26.47 min Scan# 2925
Delta R.T. 0.04 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:276 Resp: 87758

Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.3	22.9
277	24.5	19.4	29.2



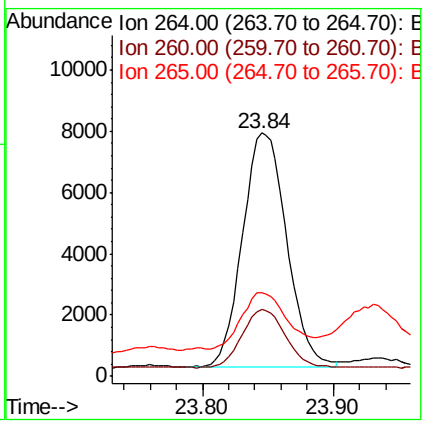


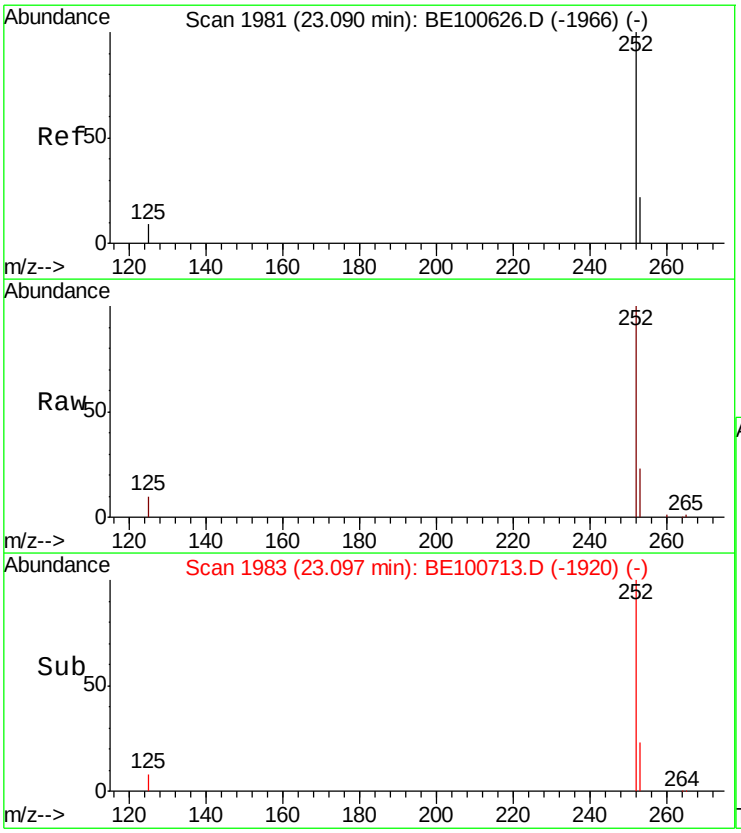
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 17936

Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.4	29.2
265	34.4	21.7	32.5#

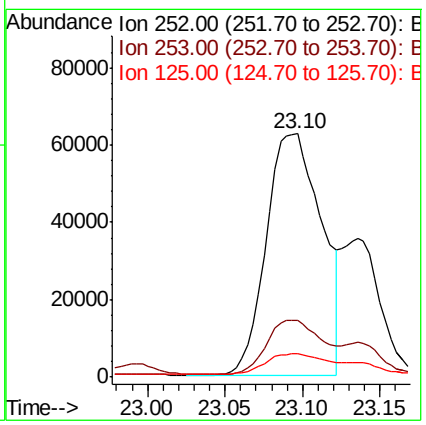


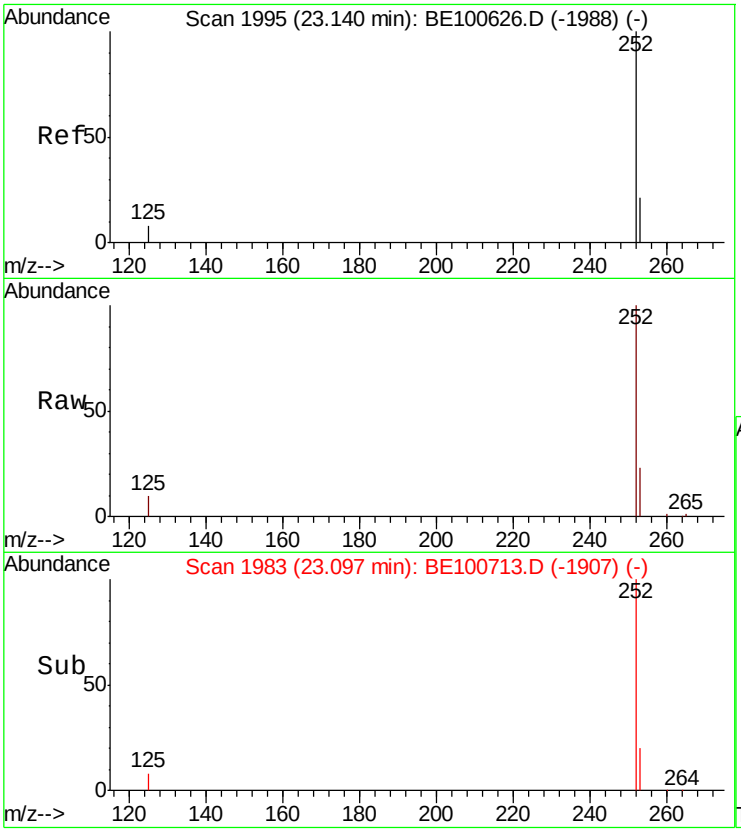


#35
Benzo(b)fluoranthene
Concen: 2.954 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.02 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:252 Resp: 154469

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	9.7	7.6	11.4



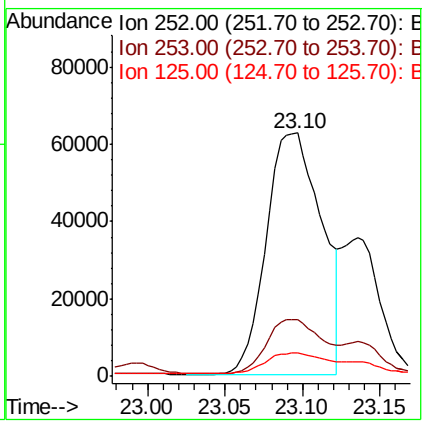


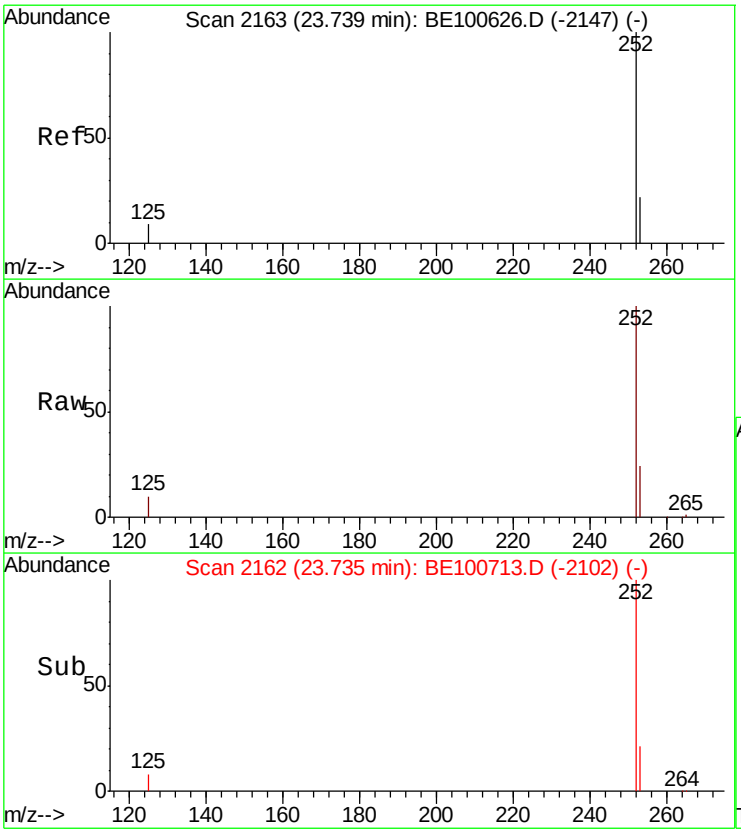
#36
Benzo(k)fluoranthene
Concen: 2.872 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 154469

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	9.7	11.6	17.4#

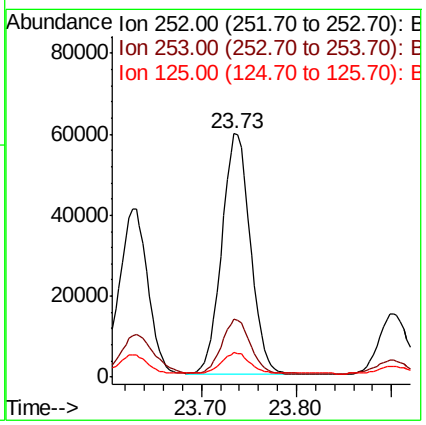


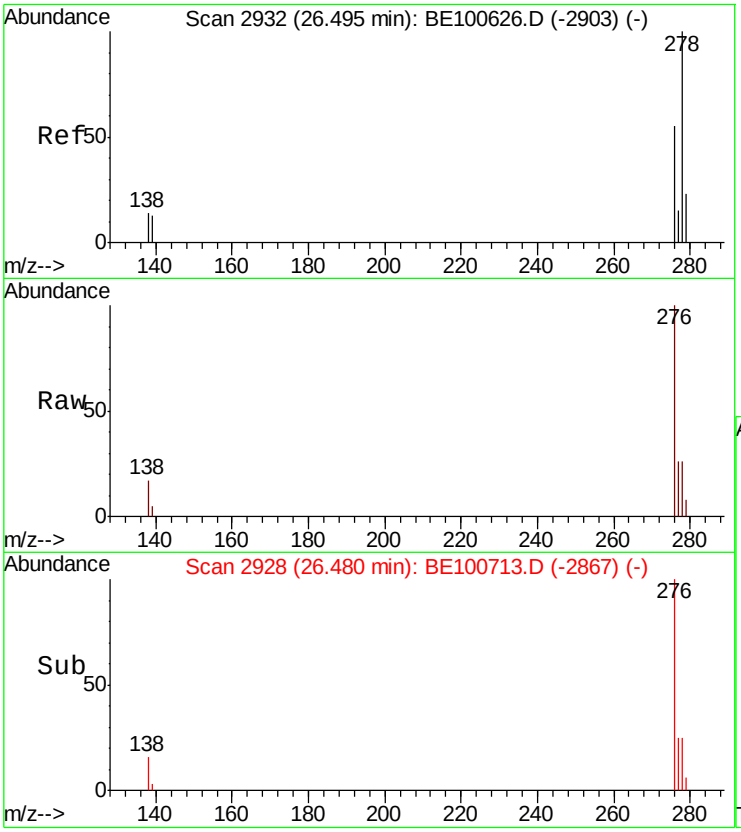


#37
Benzo(a)pyrene
Concen: 2.542 ng
RT: 23.73 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:252 Resp: 123754

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	9.9	8.2	12.4



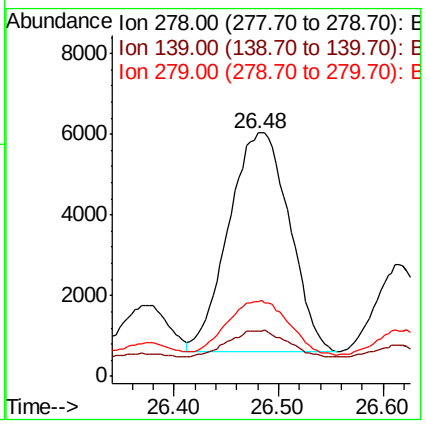


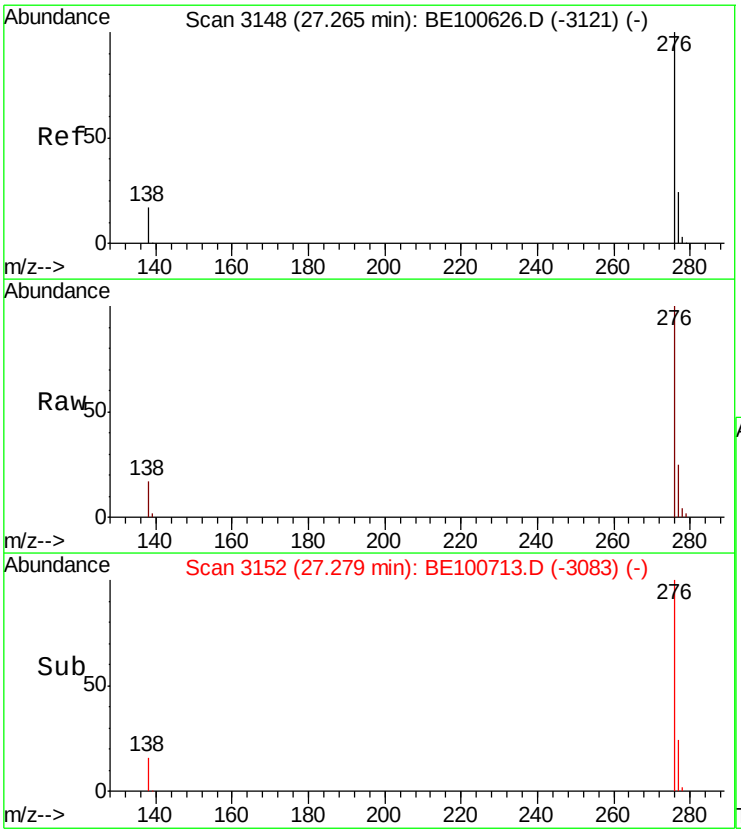
#38
Dibenzo(a,h)anthracene
Concen: 0.434 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.02 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 21830

Ion	Ratio	Lower	Upper
278	100		
139	18.8	10.9	16.3#
279	30.9	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.813 ng
RT: 27.28 min Scan# 3152
Delta R.T. 0.05 min
Lab File: BE100713.D
Acq: 8 Nov 2019 12:01

Tgt Ion:276 Resp: 91748

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	16.8	13.6	20.4