Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
Data File : BE100700.D
Acq On : 7 Nov 2019 13:57
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 07 16:47:04 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	4573	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	19556	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	13156	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	33462	0.40	ng		-0.01
27) Chrysene-d12	21.35	240	40345	0.40	ng		0.00
34) Perylene-d12	23.82	264	46317	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	5579	0.40	ng		0.00
5) Phenol-d6	7.01	99	8718	0.44	ng		0.00
8) Nitrobenzene-d5	8.99	82	6249	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	11927	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1761	0.51	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	20324	0.42	ng		0.00
25) Fluoranthene-d10	19.21	212	160467	0.37	ng		0.00
29) Terphenyl-d14	19.82	244	41034	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	2951	0.362	ng		94
3) n-Nitrosodimethylamine	3.68	42	3108	0.360	ng	#	97
6) bis(2-Chloroethyl)ether	7.27	93	6460	0.395	ng		98
9) Naphthalene	10.68	128	81030	0.394	ng		100
10) Hexachlorobutadiene	10.98	225	3568	0.399	ng		98
12) 2-Methylnaphthalene	12.30	142	13712	0.391	ng		99
16) Acenaphthylene	14.18	152	19125	0.338	ng		100
17) Acenaphthene	14.53	154	13868	0.379	ng		97
18) Fluorene	15.50	166	18687	0.385	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	6061	0.356	ng		93
21) Hexachlorobenzene	16.50	284	6161	0.380	ng		99
22) Pentachlorophenol	16.87	266	1129	0.216	ng		97
23) Phenanthrene	17.23	178	37004	0.402	ng		100
24) Anthracene	17.32	178	28979	0.339	ng		99
26) Fluoranthene	19.24	202	47070	0.392	ng		100
28) Pyrene	19.60	202	48633	0.431	ng		100
30) Benzo(a)anthracene	21.34	228	48255	0.367	ng		99
31) Chrysene	21.39	228	49951	0.380	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	74818	0.272	ng		100
33) Indeno(1,2,3-cd)pyrene	26.42	276	54838	0.339	ng		99
35) Benzo(b)fluoranthene	23.07	252	48507	0.359	ng		99
36) Benzo(k)fluoranthene	23.12	252	51513	0.371	ng		98
37) Benzo(a)pyrene	23.71	252	45573	0.363	ng		99
38) Dibenzo(a,h)anthracene	26.45	278	44899	0.346	ng		99
39) Benzo(g,h,i)perylene	27.22	276	48361	0.370	ng		100

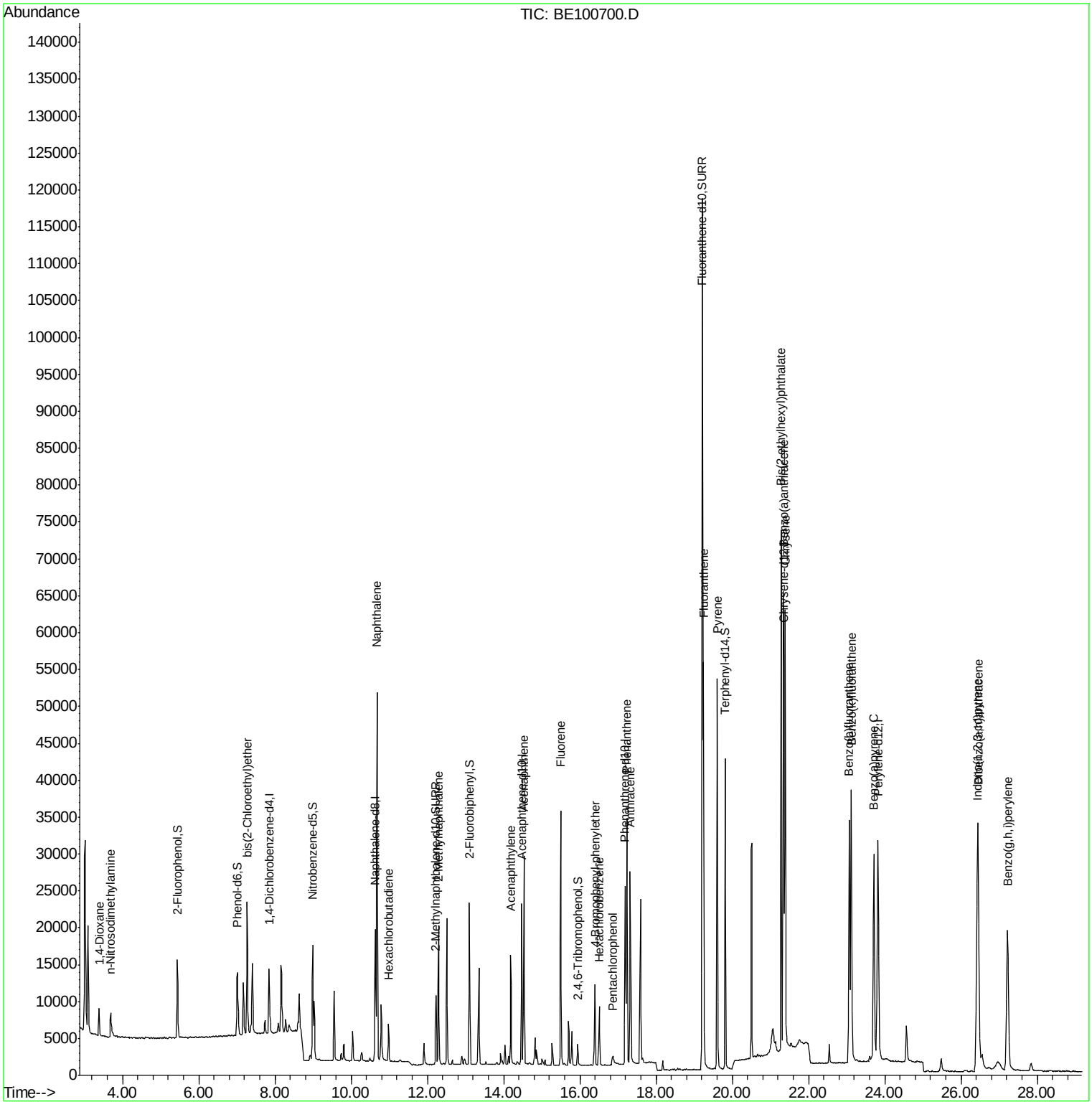
(#) = qualifier out of range (m) = manual integration (+) = signals summed

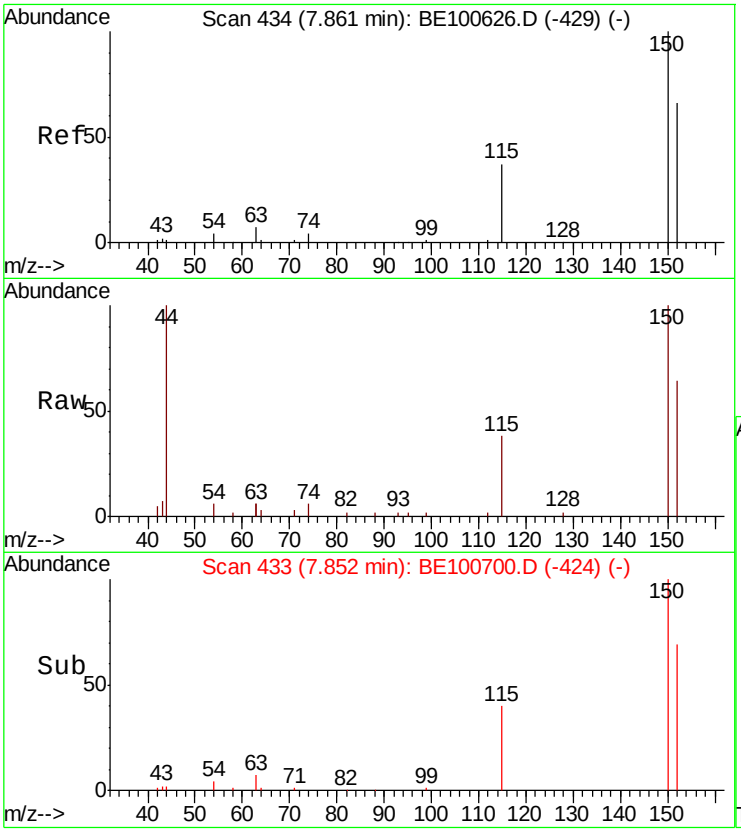
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
Data File : BE100700.D
Acq On : 7 Nov 2019 13:57
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 07 16:47:04 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



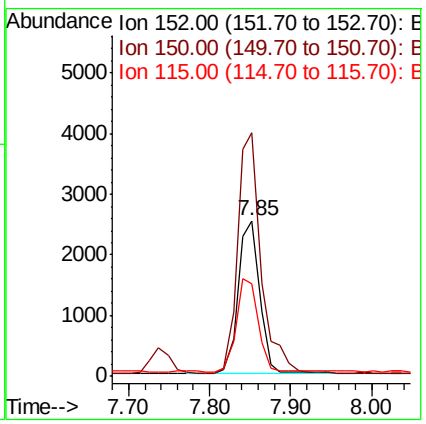


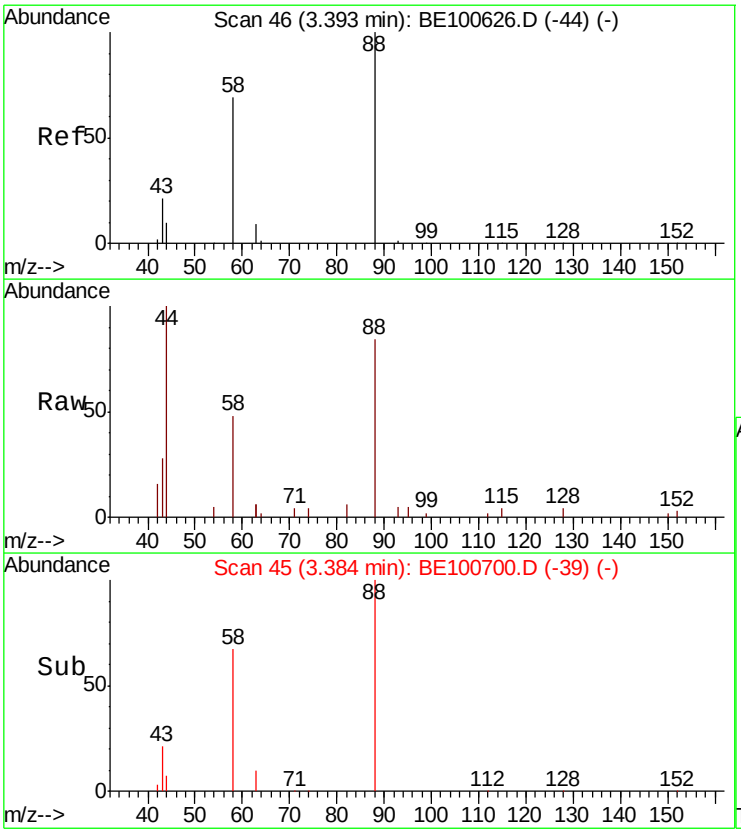
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4573

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.3	184.9
115	59.4	51.9	77.9

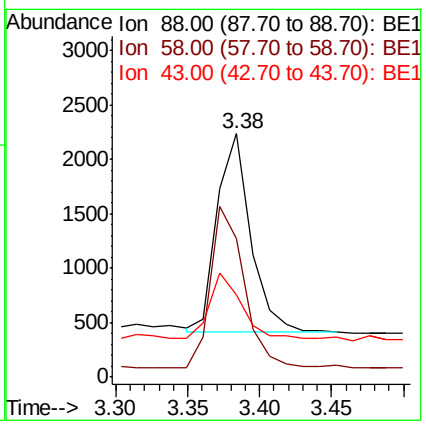


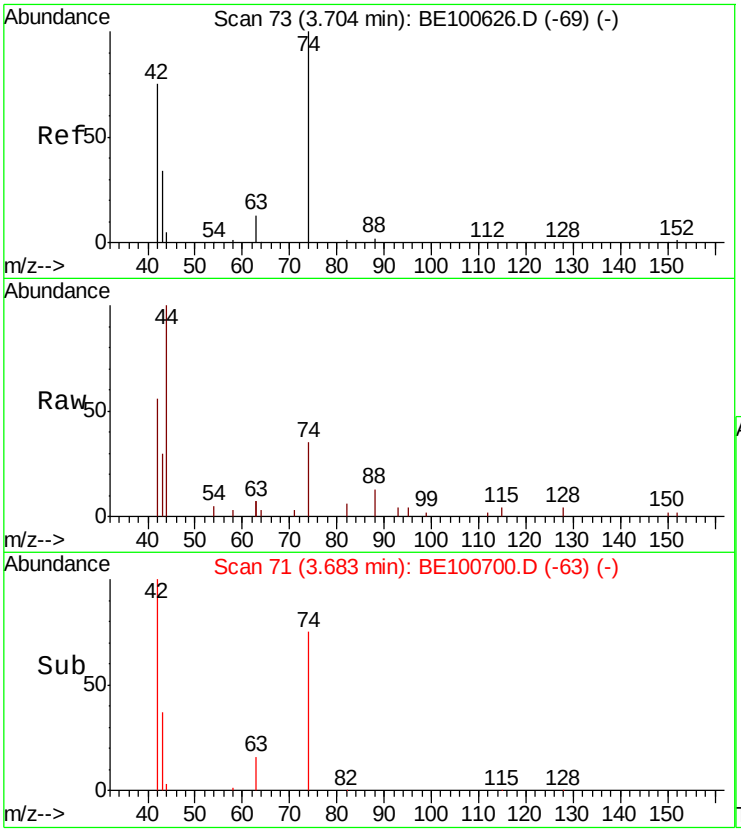


#2
1,4-Dioxane
Concen: 0.362 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion: 88 Resp: 2951

Ion	Ratio	Lower	Upper
88	100		
58	81.4	59.8	89.6
43	30.9	24.6	36.8



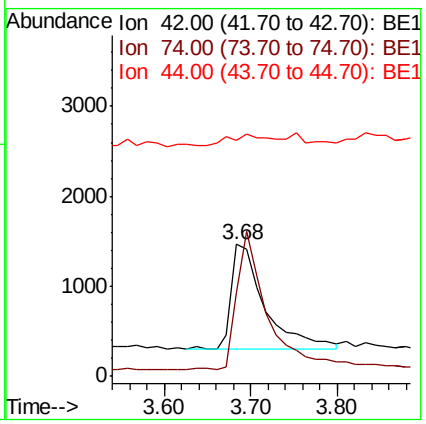


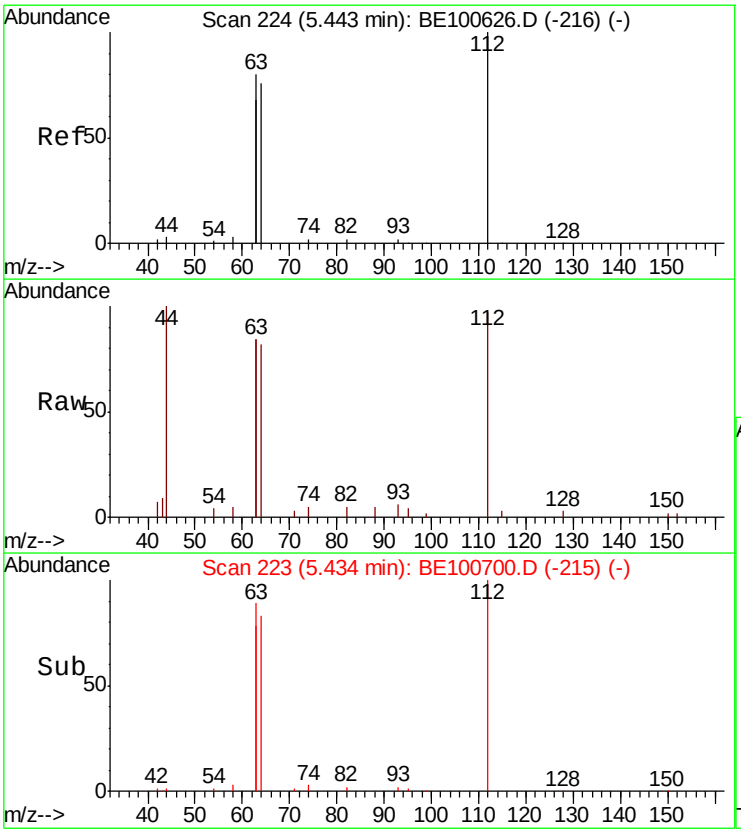
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3108

Ion	Ratio	Lower	Upper
42	100		
74	121.0	97.2	145.8
44	13.1	16.6	24.8#

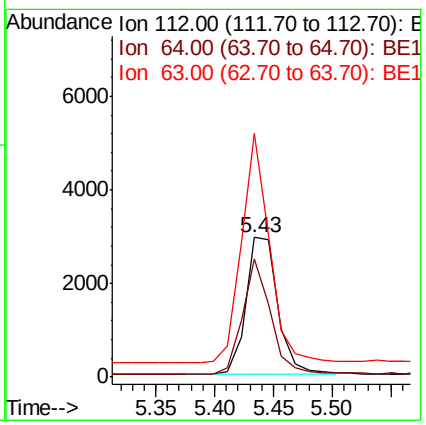


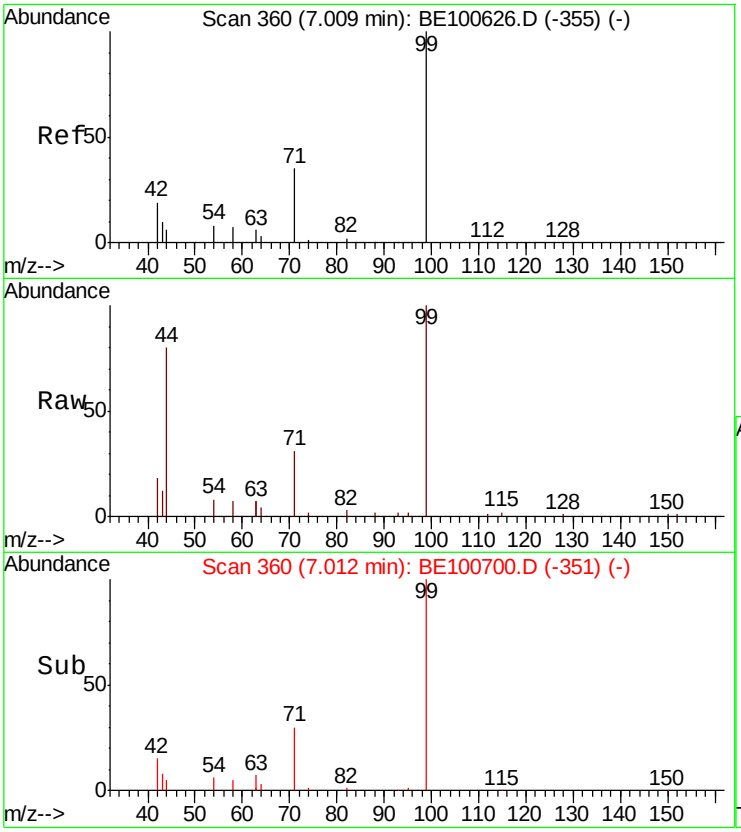


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:112 Resp: 5579

Ion	Ratio	Lower	Upper
112	100		
64	72.0	55.4	83.2
63	144.9	114.2	171.4



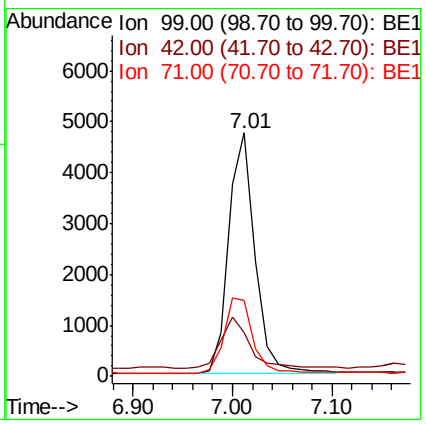


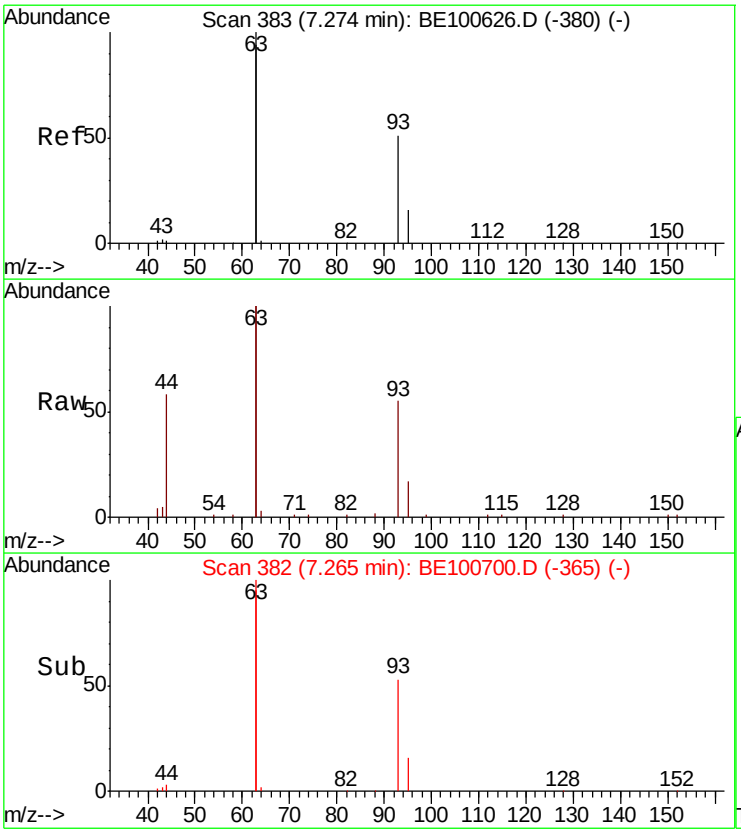
#5
Phenol-d6
Concen: 0.438 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8718

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.7	26.5
71	34.2	27.4	41.0

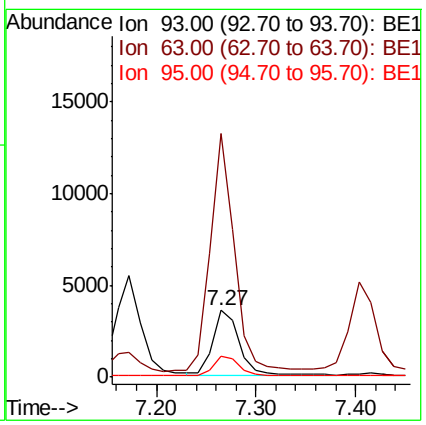


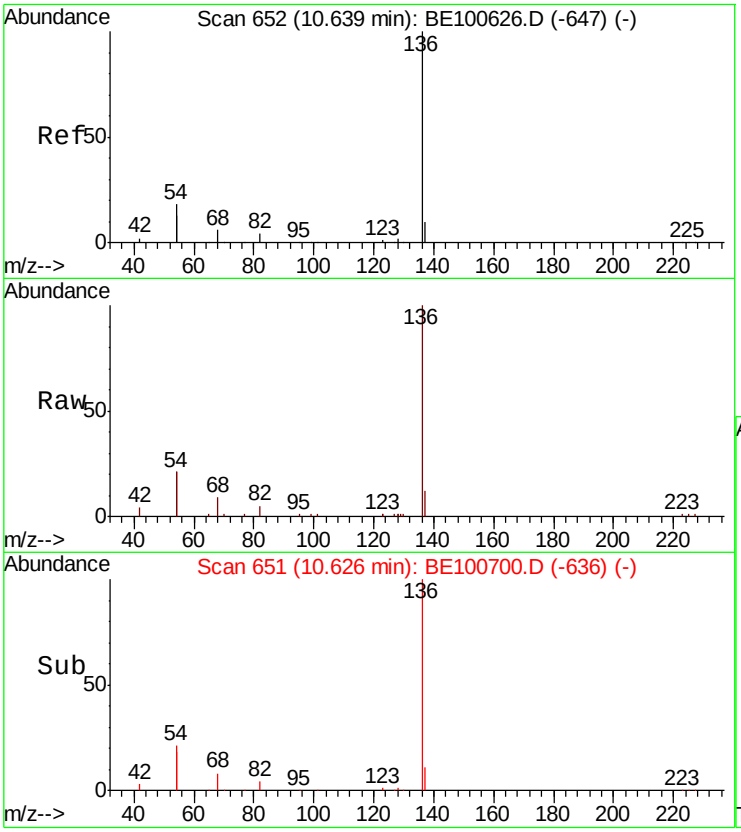


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.27 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion: 93 Resp: 6460

Ion	Ratio	Lower	Upper
93	100		
63	332.9	268.8	403.2
95	30.7	25.6	38.4



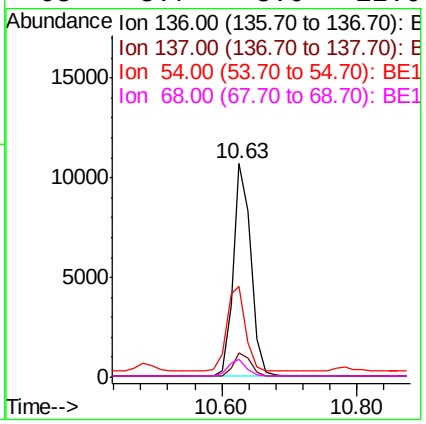


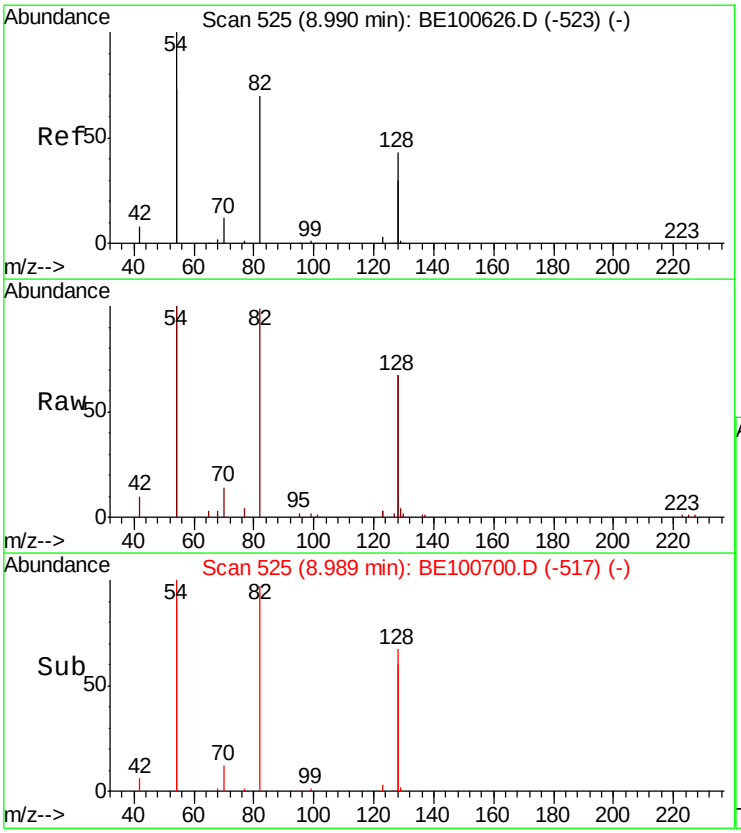
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 19556

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	42.7	39.4	59.2
68	8.7	8.0	12.0

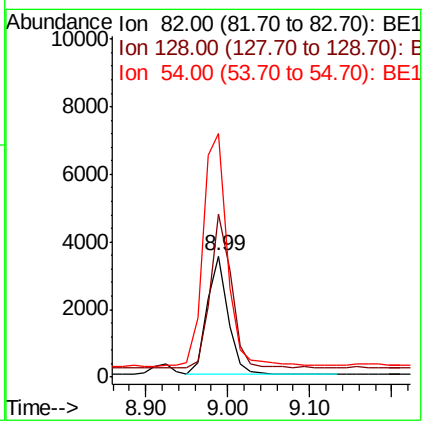


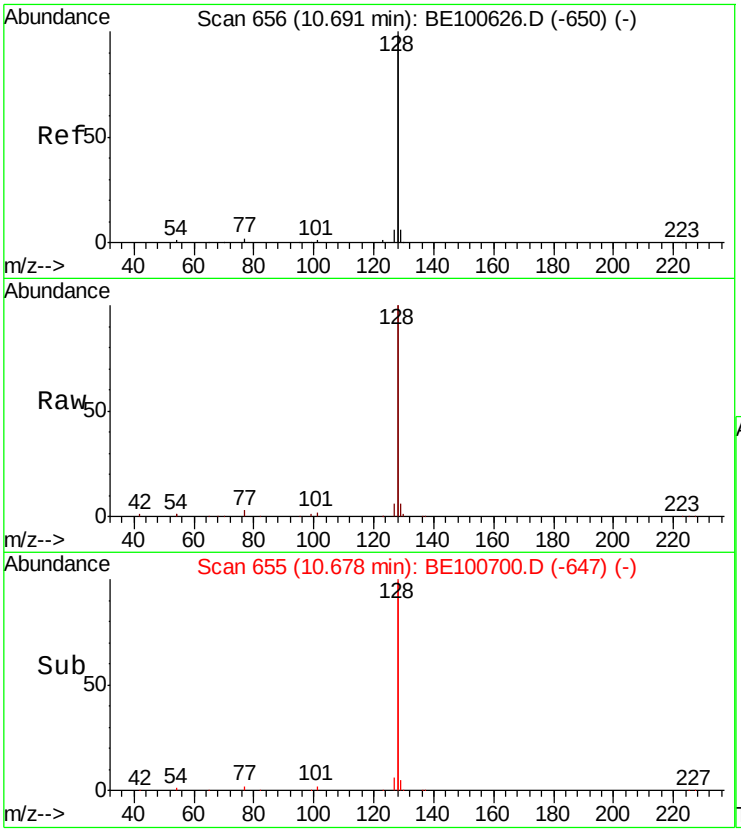


#8
Nitrobenzene-d5
Concen: 0.516 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion: 82 Resp: 6249

Ion	Ratio	Lower	Upper
82	100		
128	135.1	107.8	161.8
54	201.5	166.1	249.1



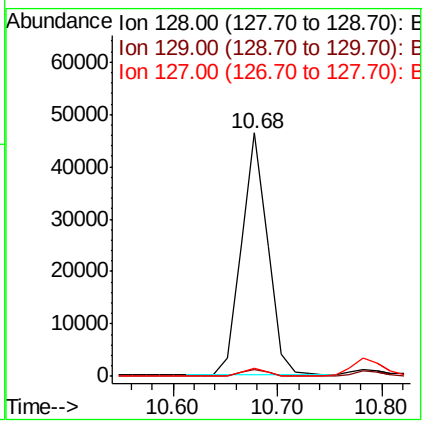


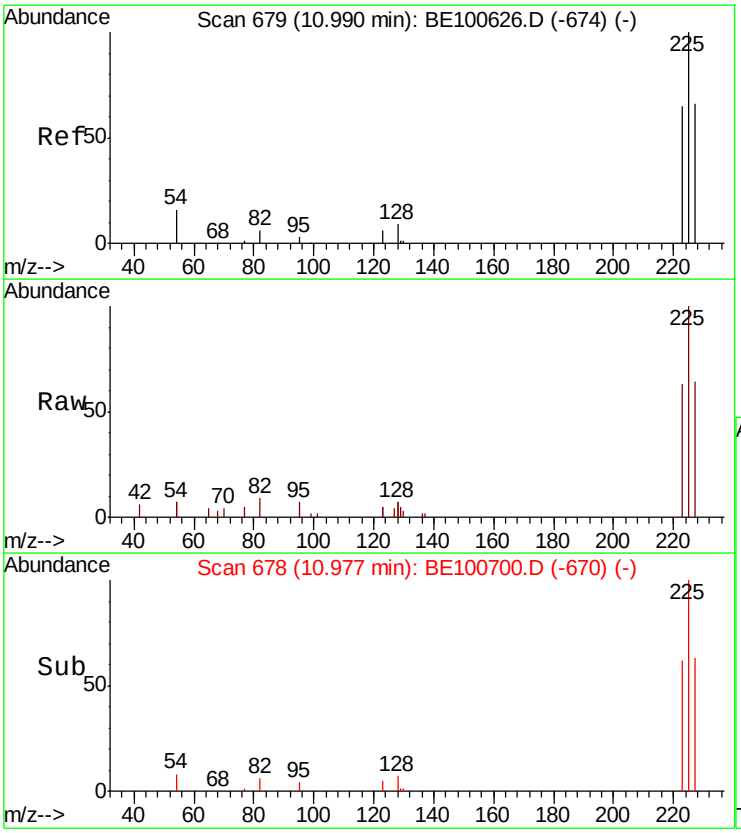
#9
Naphthalene
Concen: 0.394 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 81030

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.2	2.7	4.1

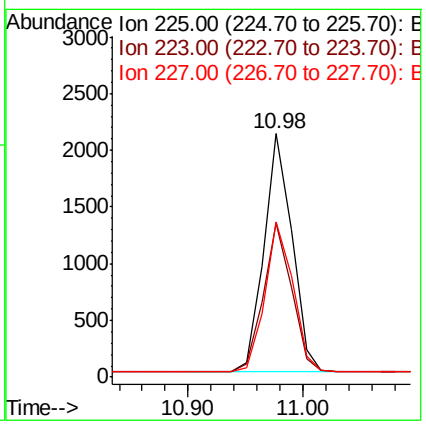


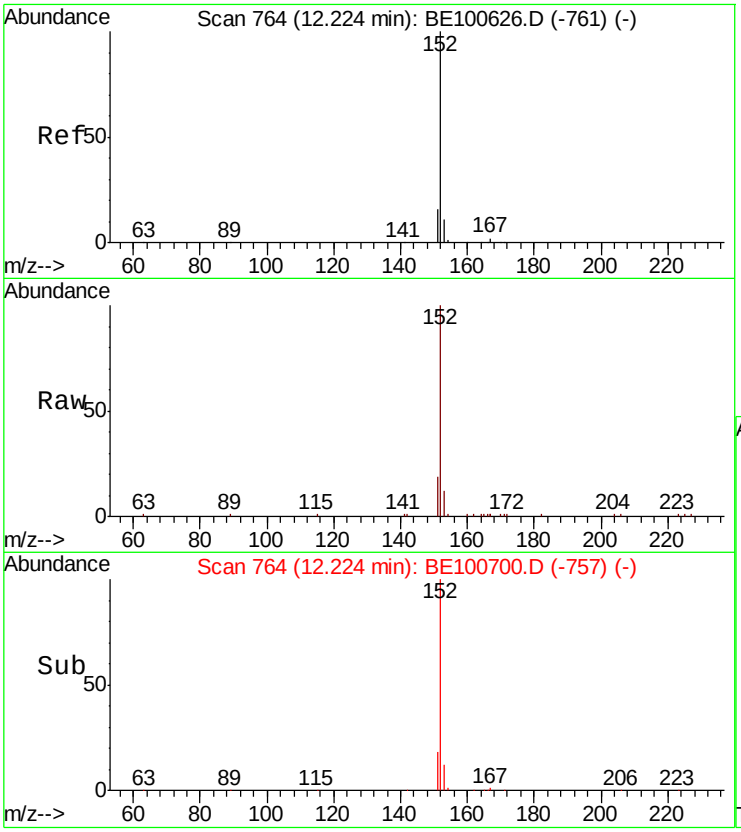


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:225 Resp: 3568

Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.6	72.8
227	62.8	51.6	77.4



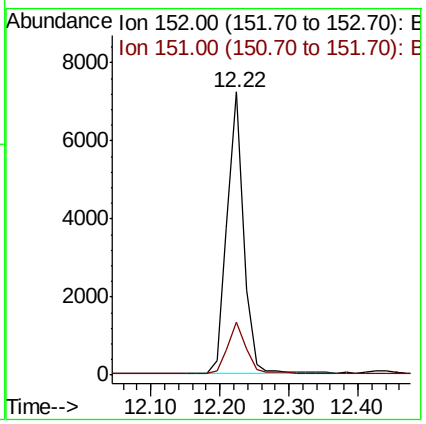


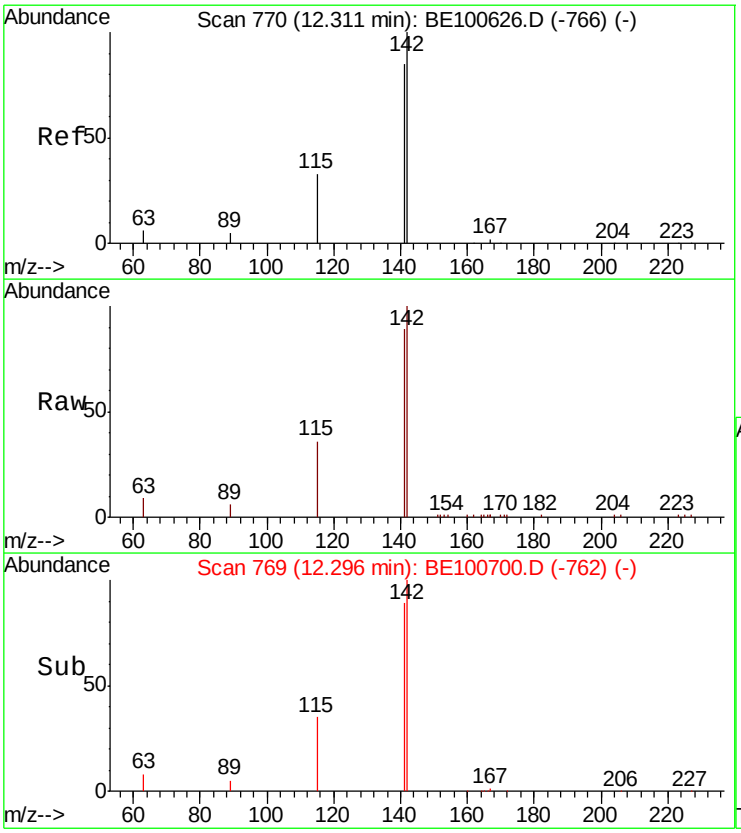
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11927

Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.7	22.1

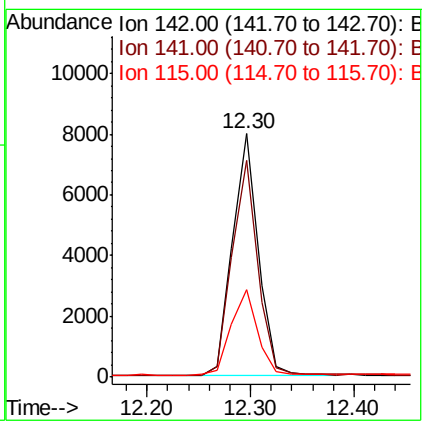


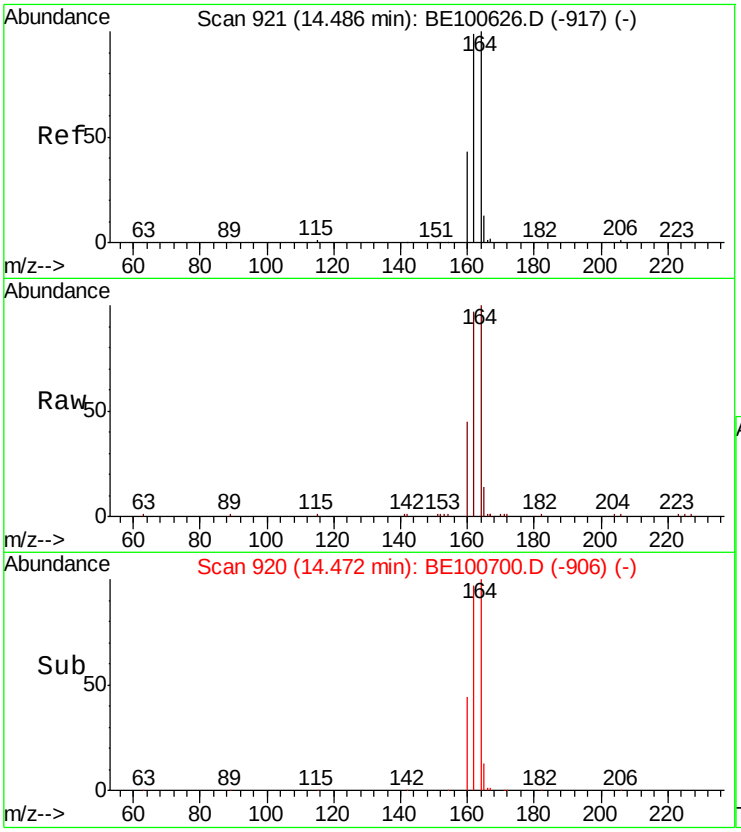


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:142 Resp: 13712

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.1	105.1
115	35.7	28.3	42.5



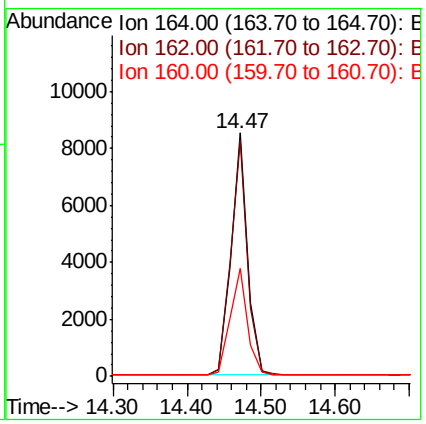


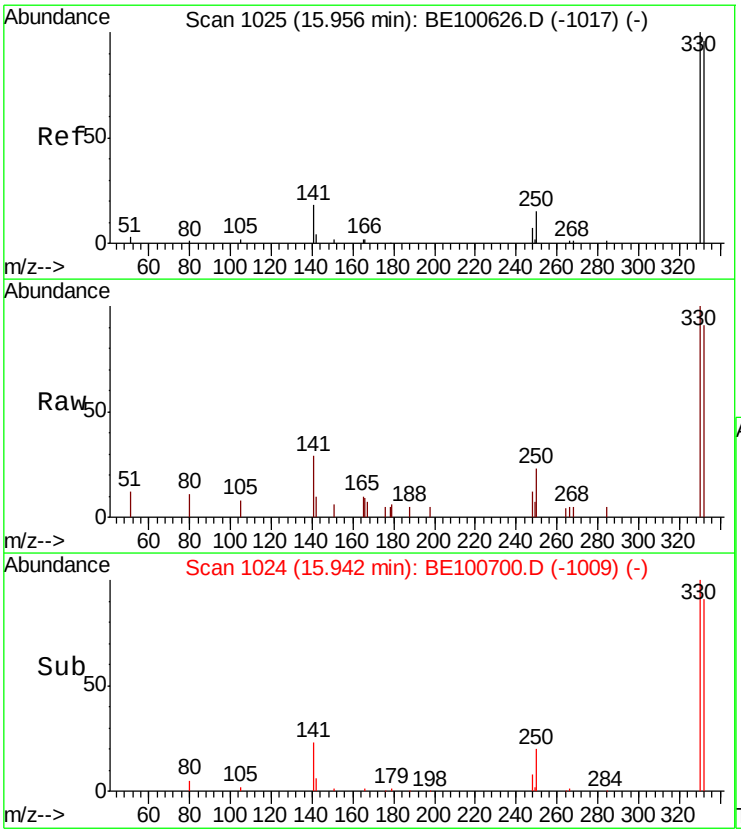
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13156

Ion	Ratio	Lower	Upper
164	100		
162	96.7	82.0	123.0
160	44.5	37.5	56.3

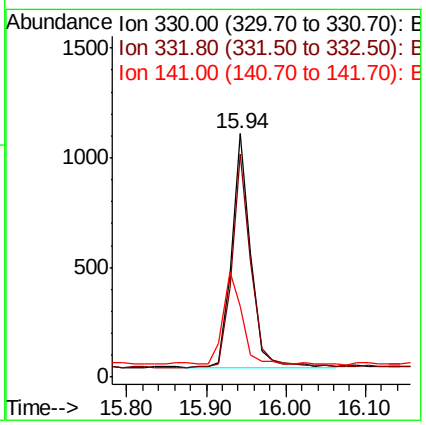


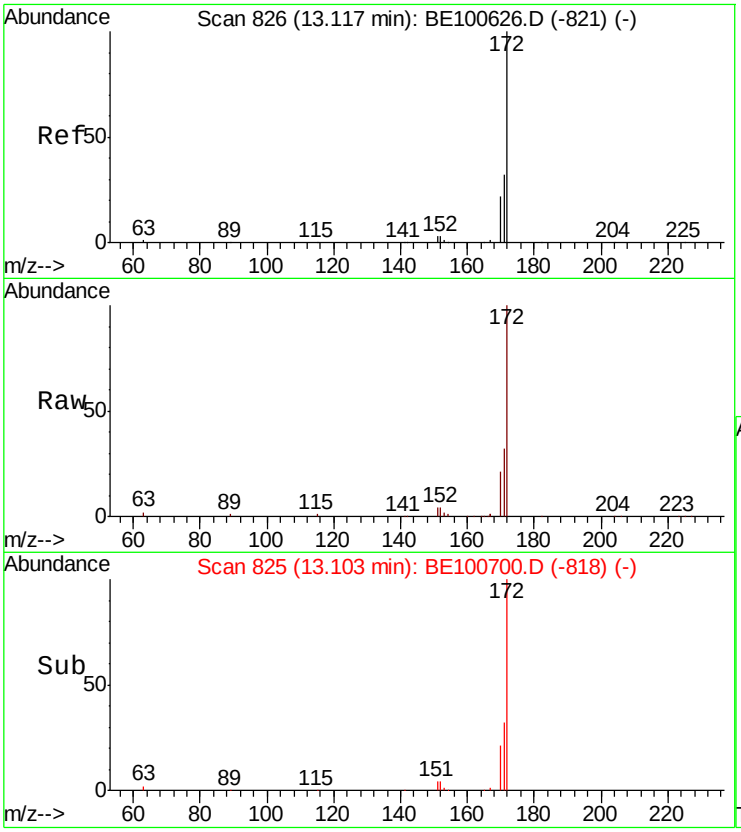


#14
2,4,6-Tribromophenol
Concen: 0.507 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:330 Resp: 1761

Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.9	116.9
141	37.6	33.0	49.6



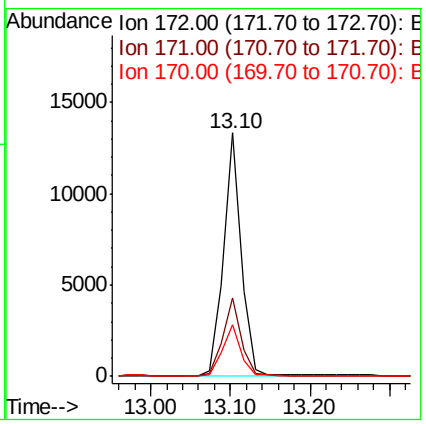


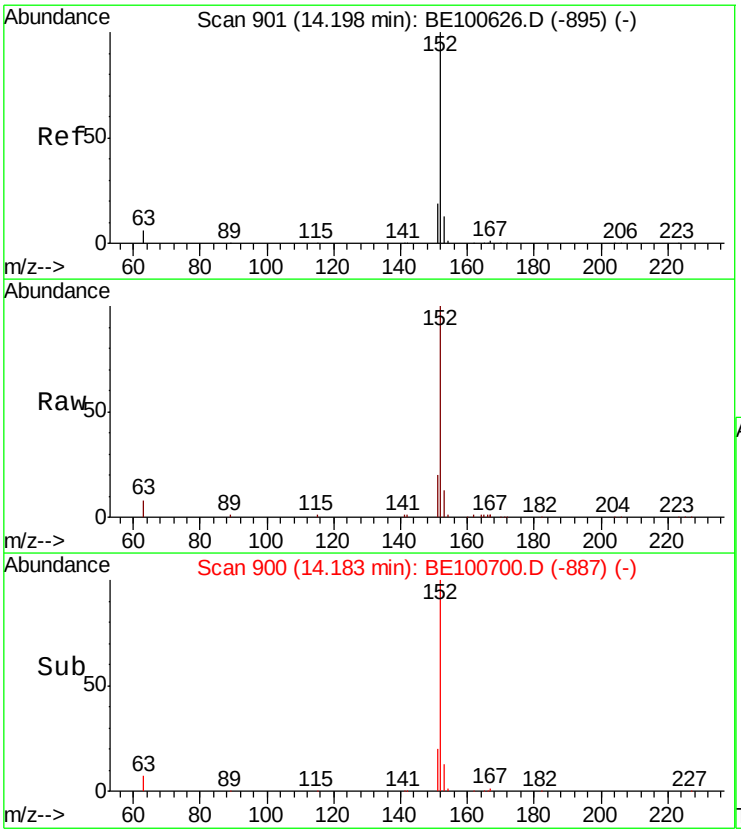
#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 20324

Ion	Ratio	Lower	Upper
172	100		
171	32.4	26.5	39.7
170	21.4	19.0	28.4

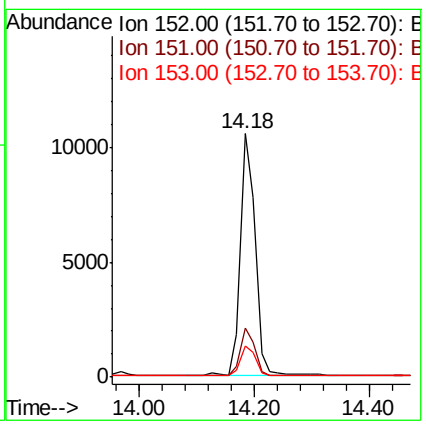


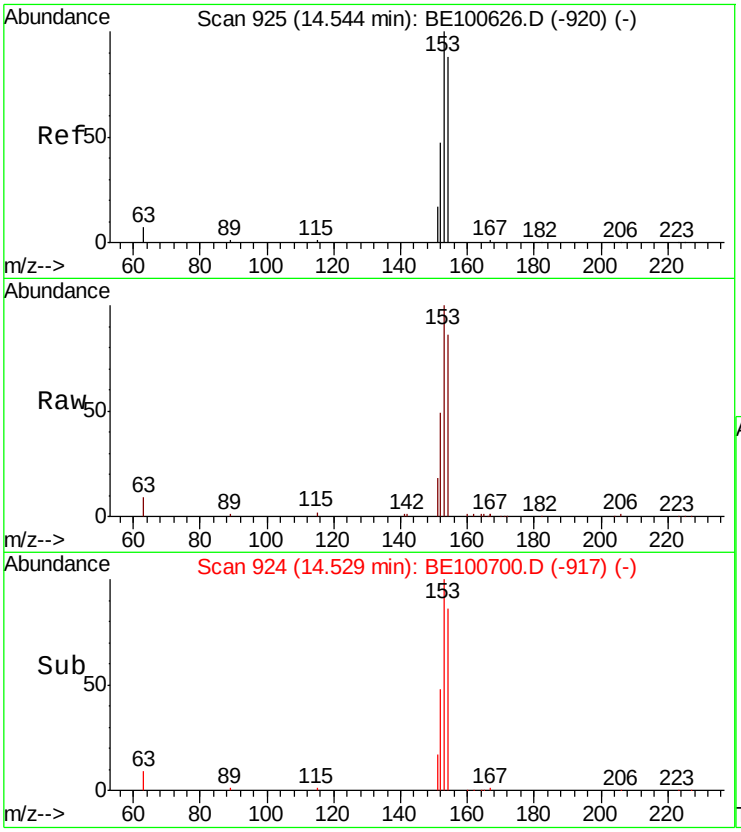


#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:152 Resp: 19125

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	12.9	10.3	15.5

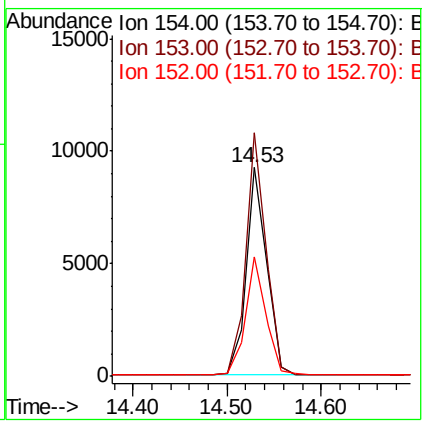




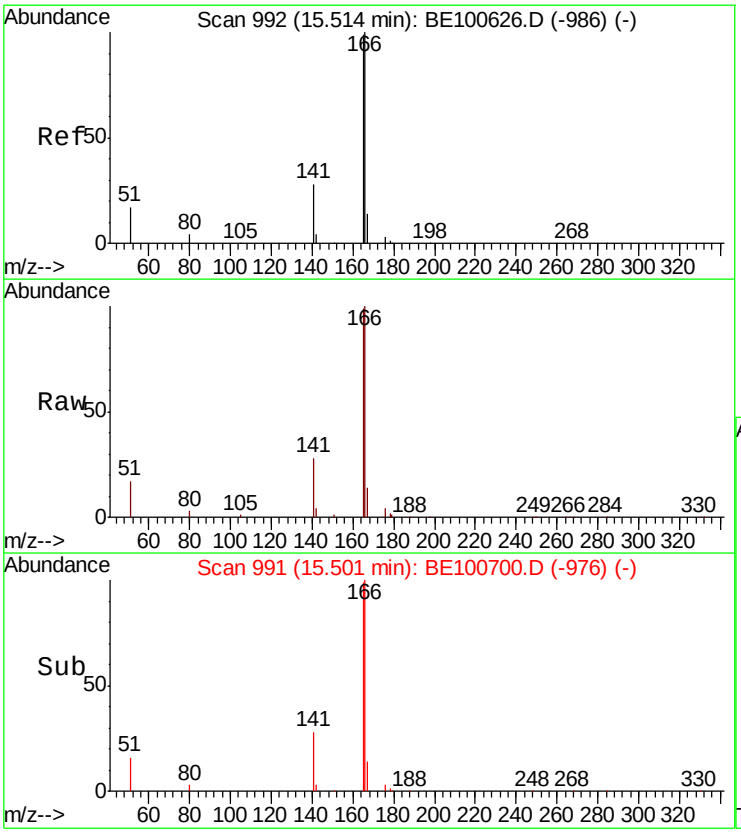
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:154 Resp: 13868

Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.4	134.2
152	56.5	44.1	66.1



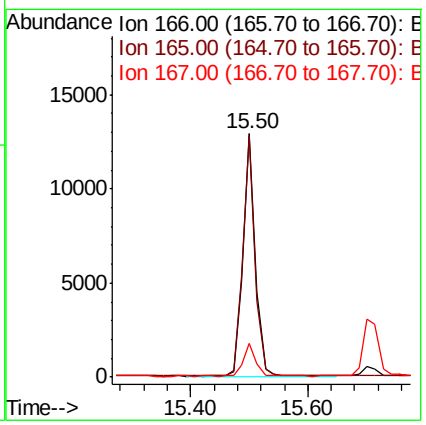
Instrument :
BNA_E
ClientSampleId :

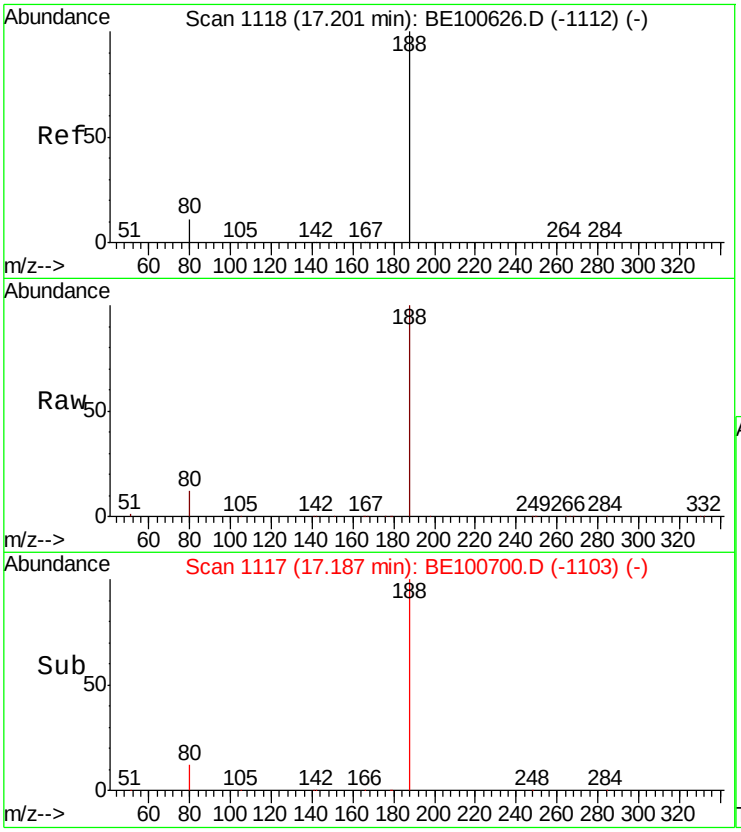


#18
Fluorene
Concen: 0.385 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:166 Resp: 18687

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.4	10.9	16.3



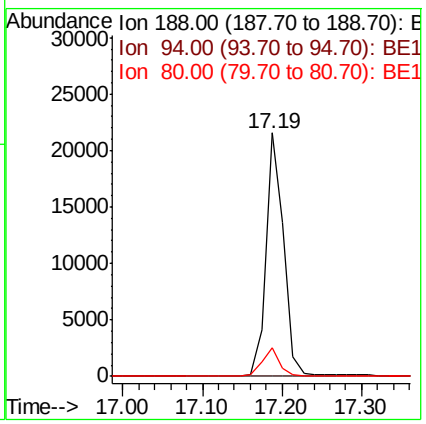


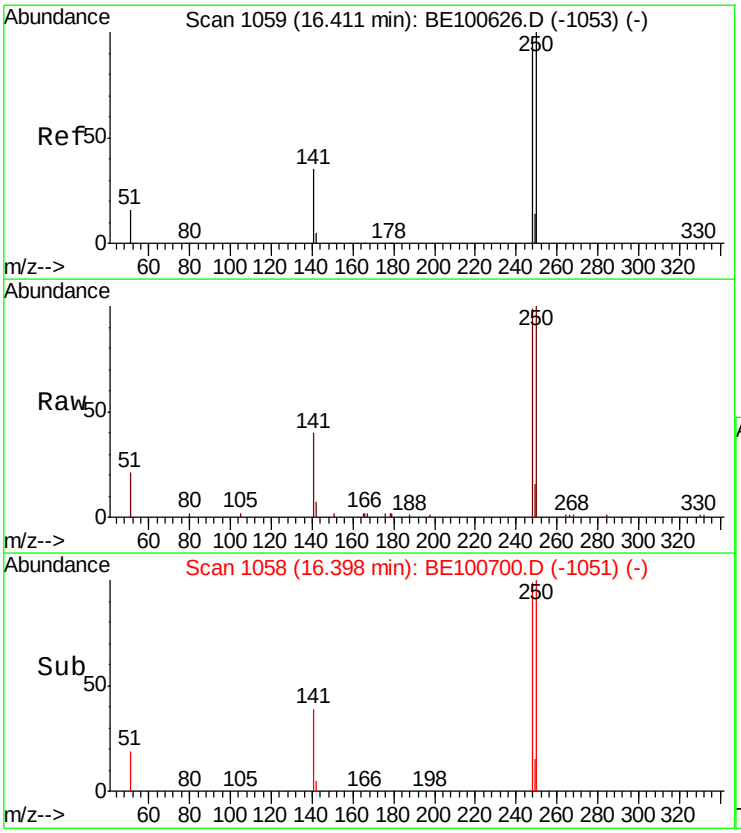
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 33462

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	5.4	8.0#

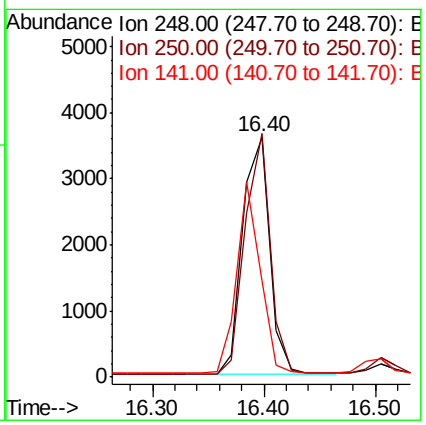


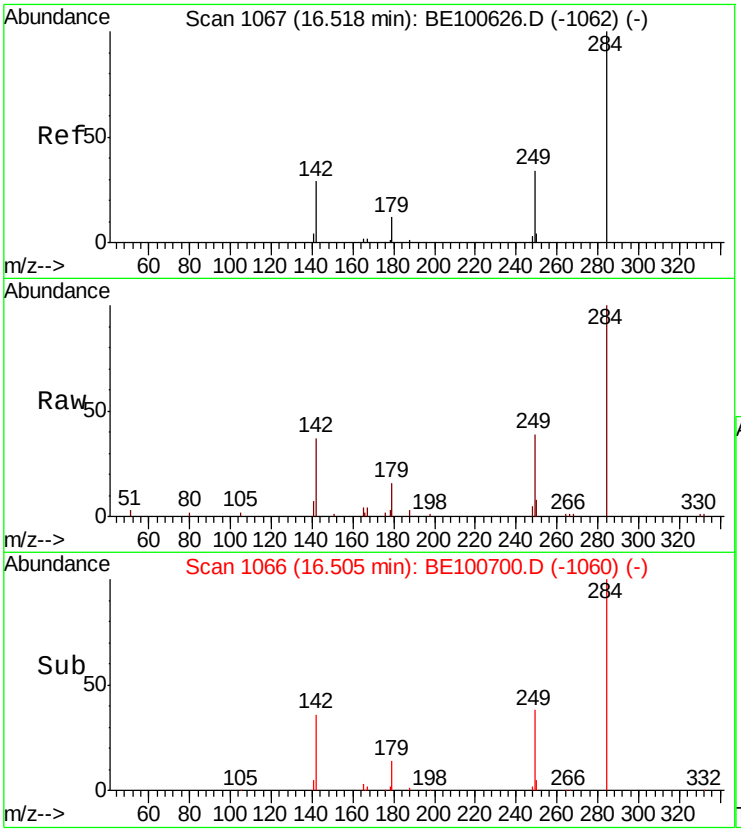


#20
4-Bromophenyl-phenylether
Concen: 0.356 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:248 Resp: 6061

Ion	Ratio	Lower	Upper
248	100		
250	101.3	76.3	114.5
141	40.1	37.3	55.9



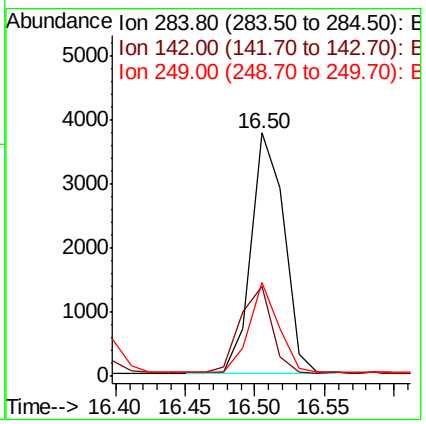


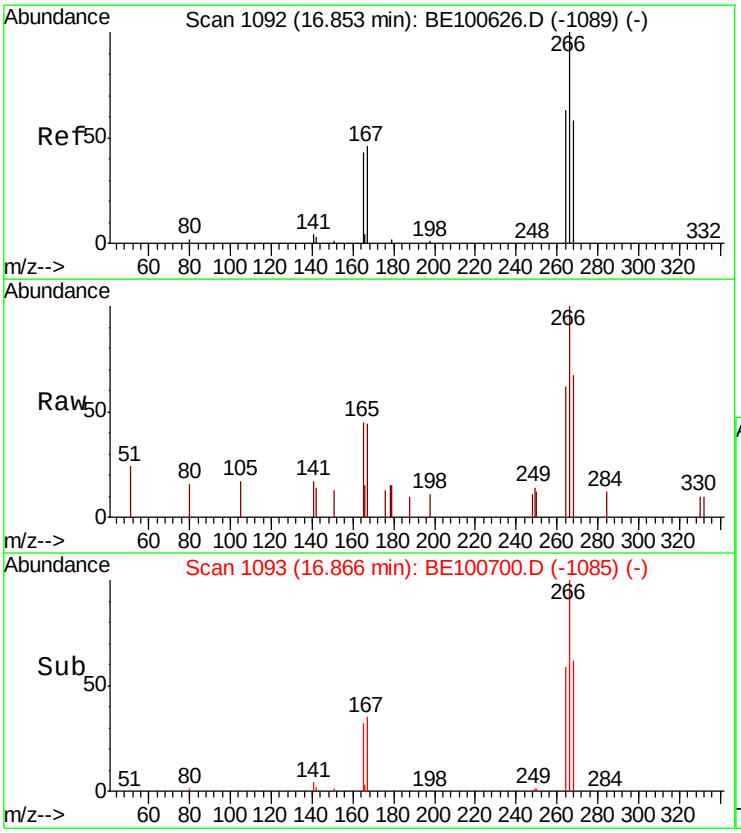
#21
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6161

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.6	42.8
249	33.3	26.3	39.5

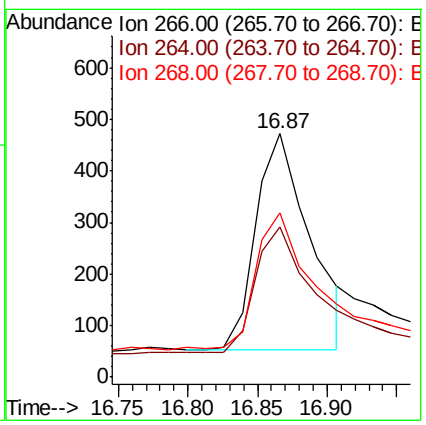


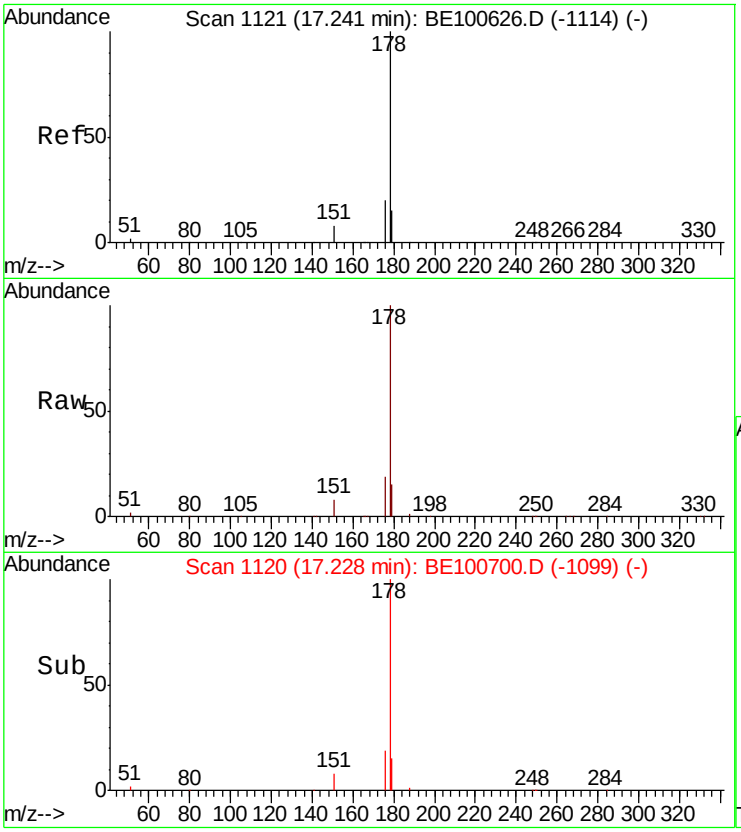


#22
Pentachlorophenol
Concen: 0.216 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:266 Resp: 1129

Ion	Ratio	Lower	Upper
266	100		
264	61.9	52.2	78.4
268	67.4	53.1	79.7



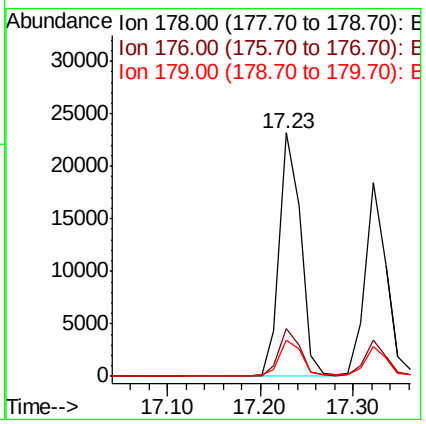


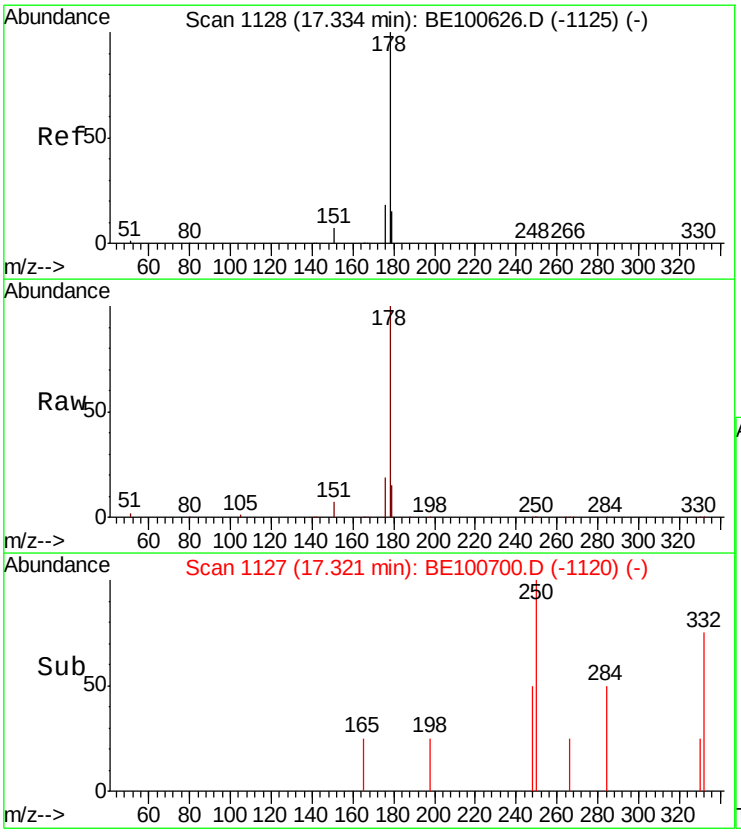
#23
Phenanthrene
Concen: 0.402 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 37004

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.3	12.1	18.1

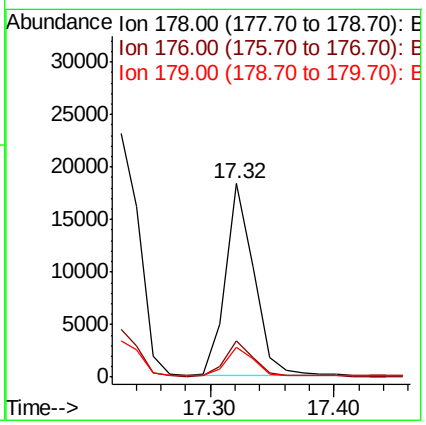


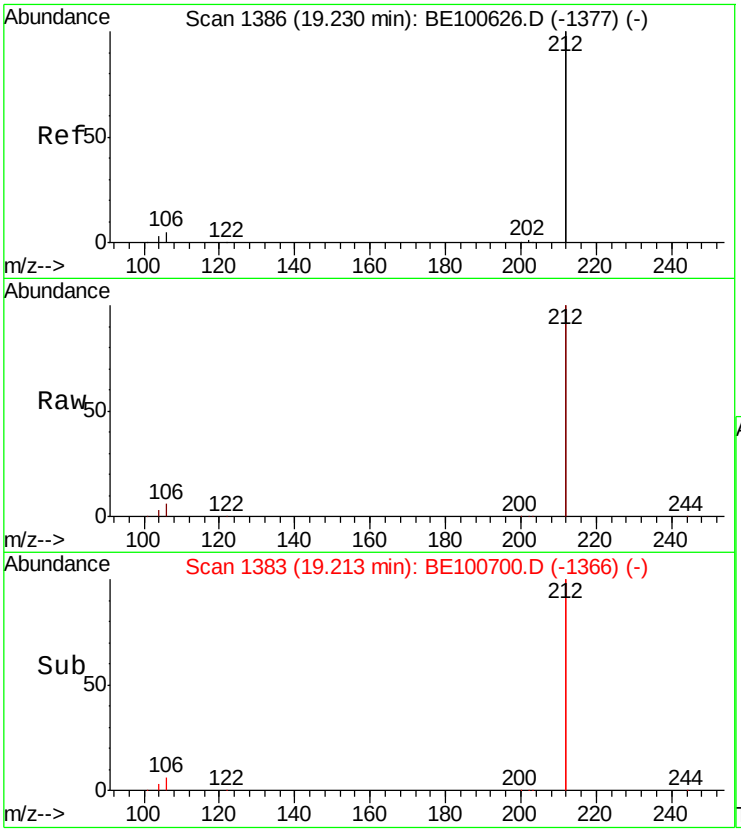


#24
Anthracene
Concen: 0.339 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:178 Resp: 28979

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.1	12.5	18.7



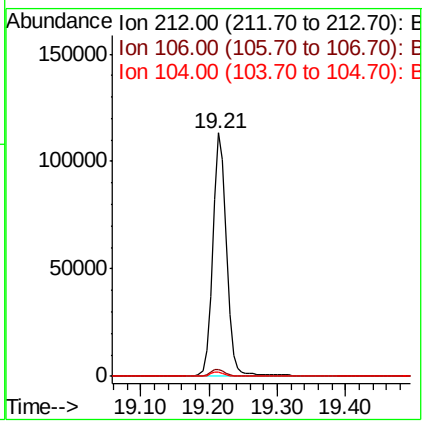


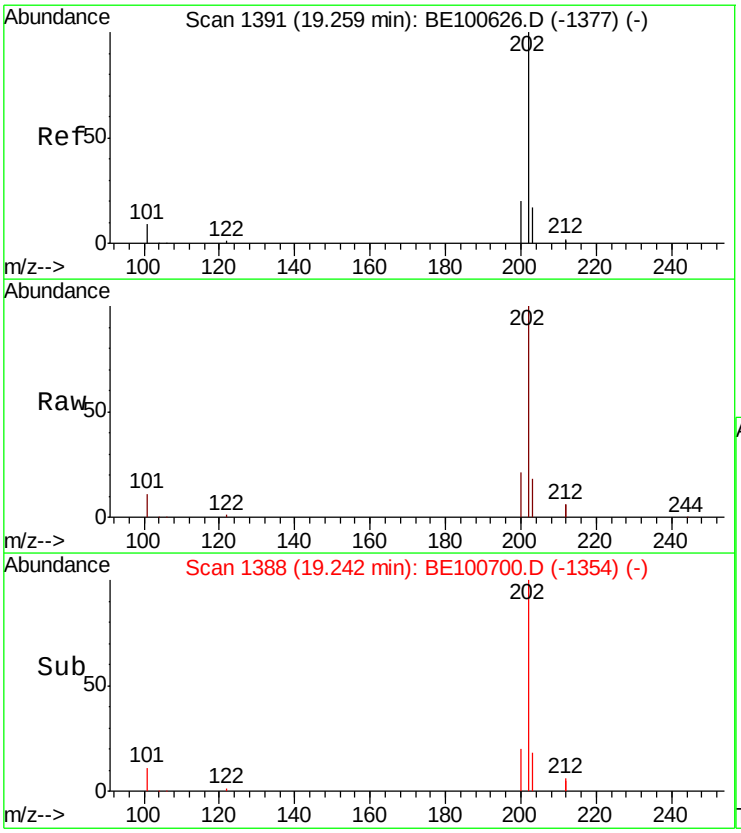
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 160467

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9

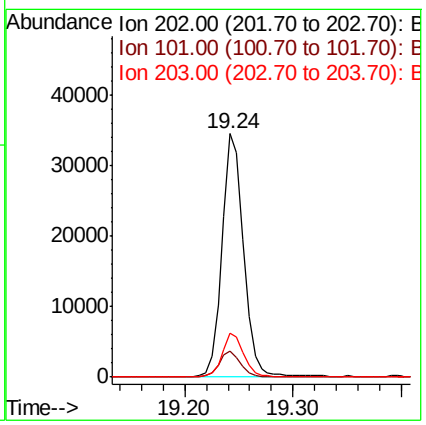


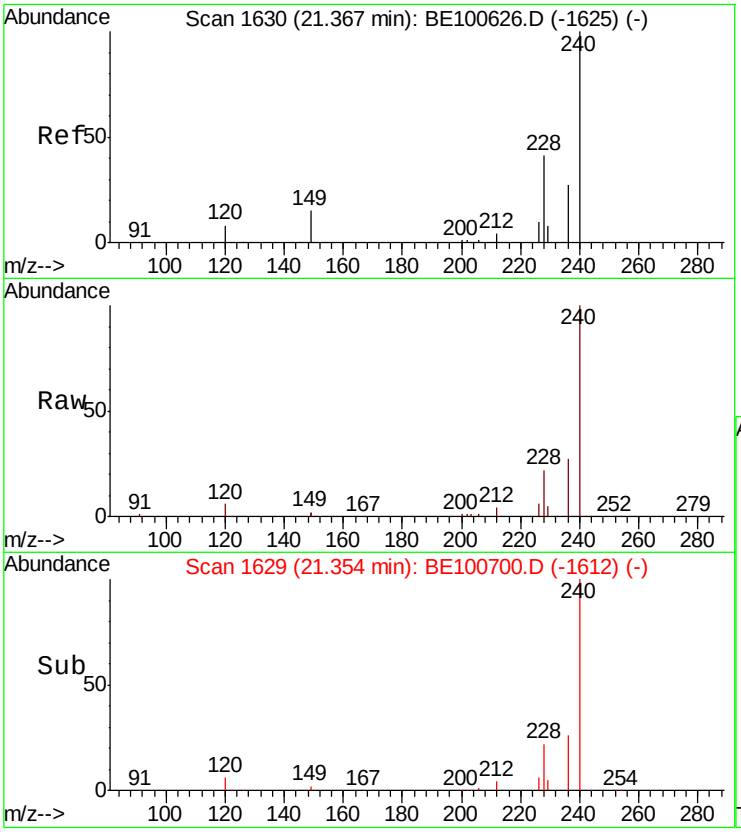


#26
Fluoranthene
Concen: 0.392 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:202 Resp: 47070

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.4	13.8	20.8



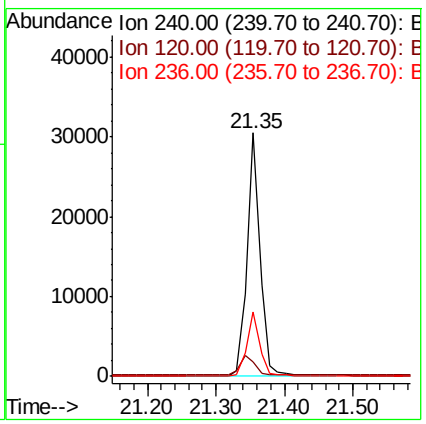


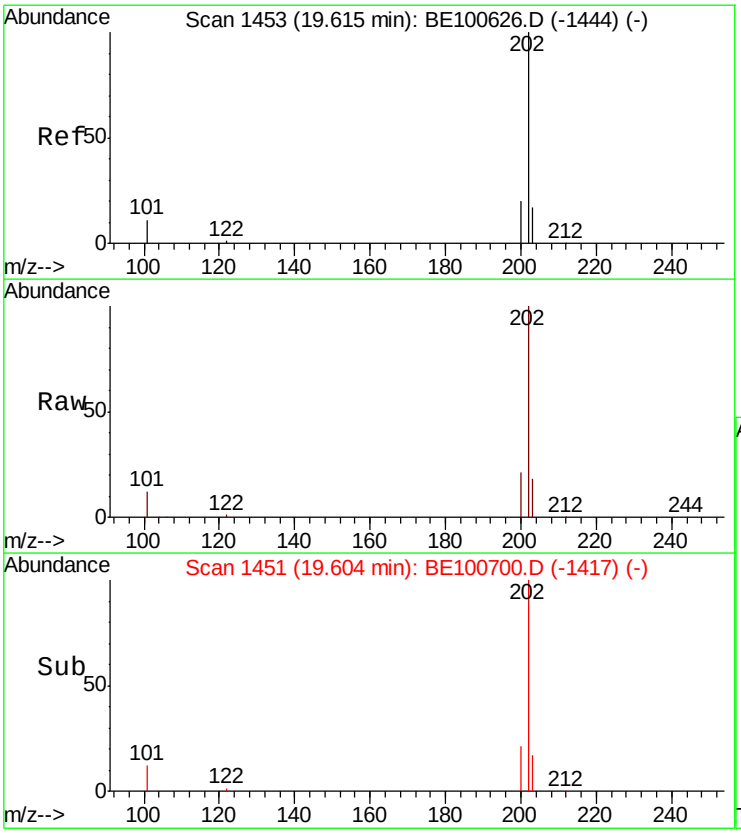
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 40345

Ion	Ratio	Lower	Upper
240	100		
120	6.0	7.6	11.4#
236	26.6	22.1	33.1

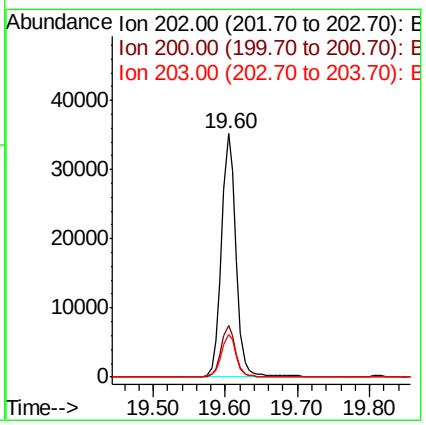


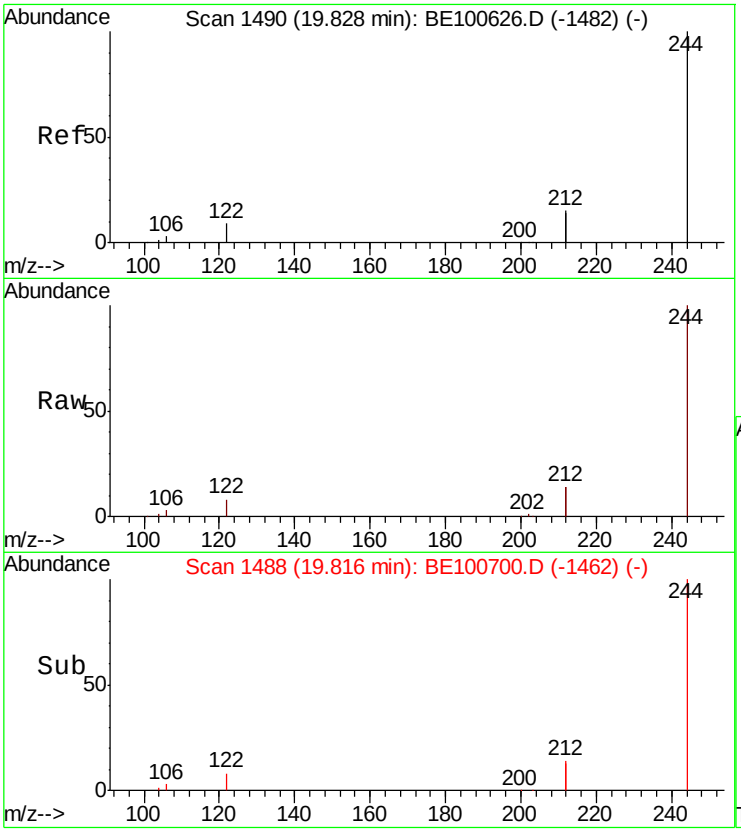


#28
Pyrene
Concen: 0.431 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:202 Resp: 48633

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.6	14.0	21.0



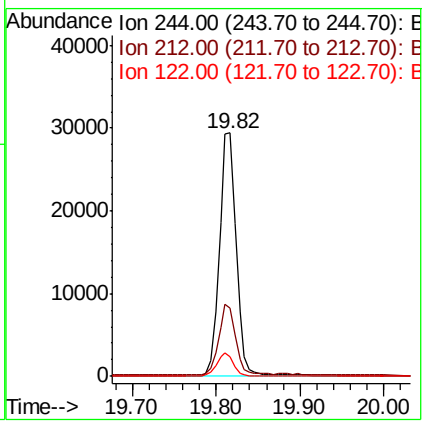


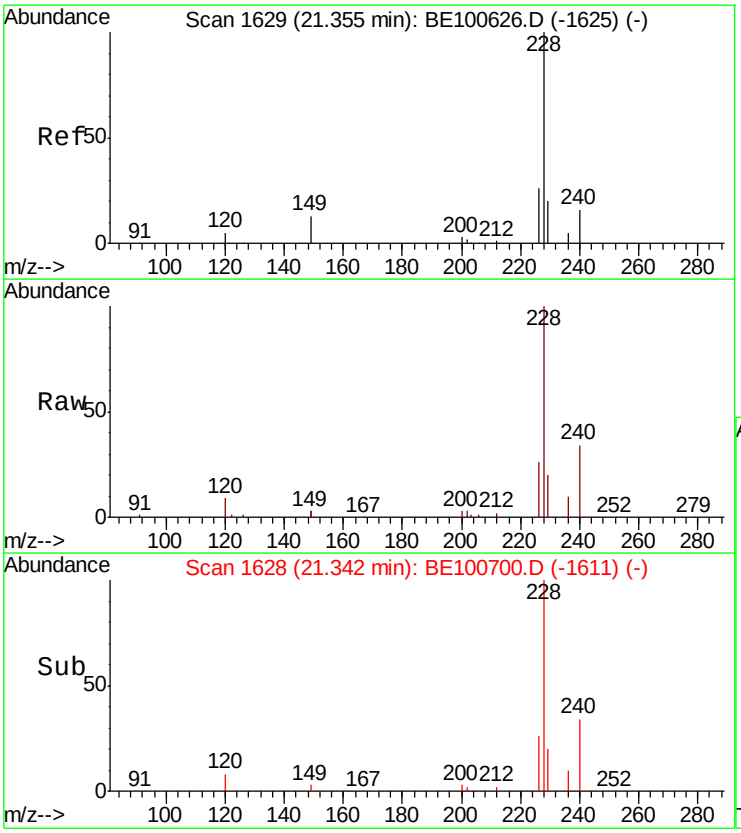
#29
Terphenyl-d14
Concen: 0.465 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 41034

Ion	Ratio	Lower	Upper
244	100		
212	28.2	23.7	35.5
122	8.1	7.9	11.9

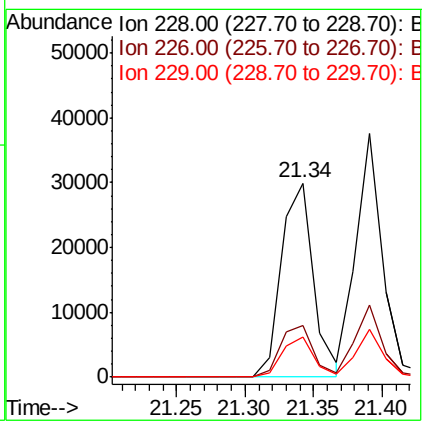


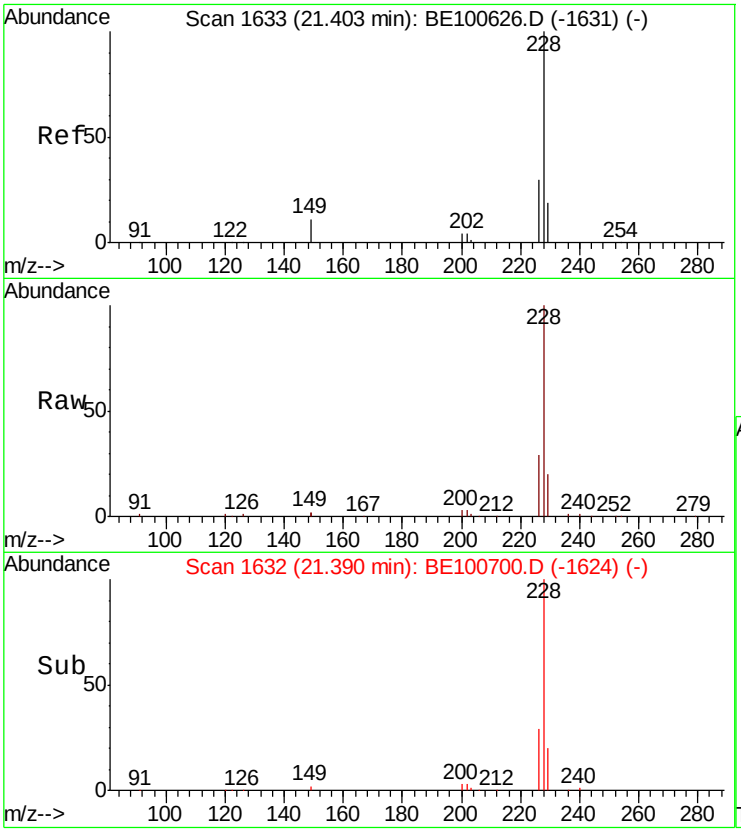


#30
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:228 Resp: 48255

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.4	32.0
229	20.4	16.0	24.0



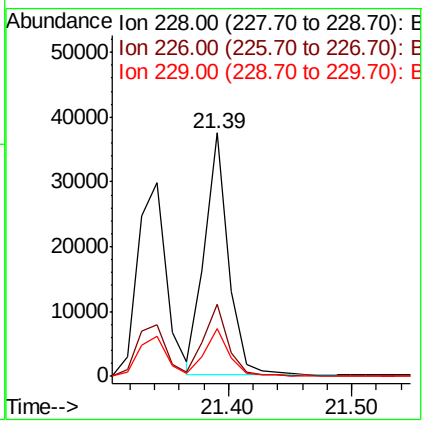


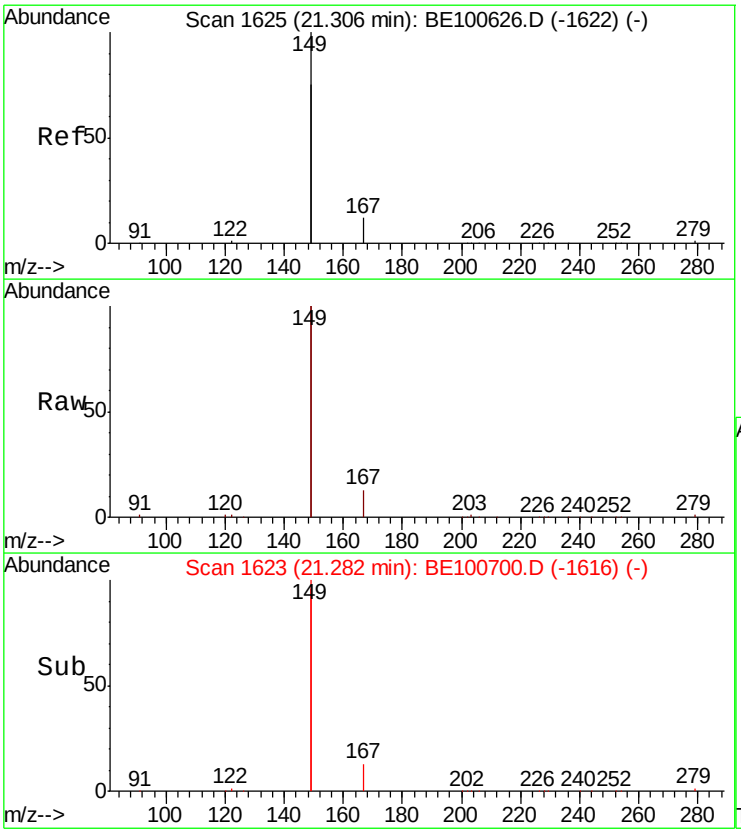
#31
Chrysene
Concen: 0.380 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 49951

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	19.8	15.8	23.8

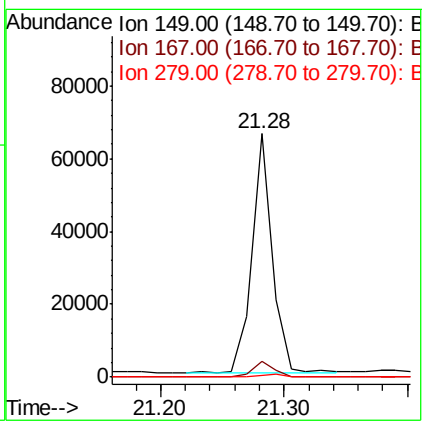


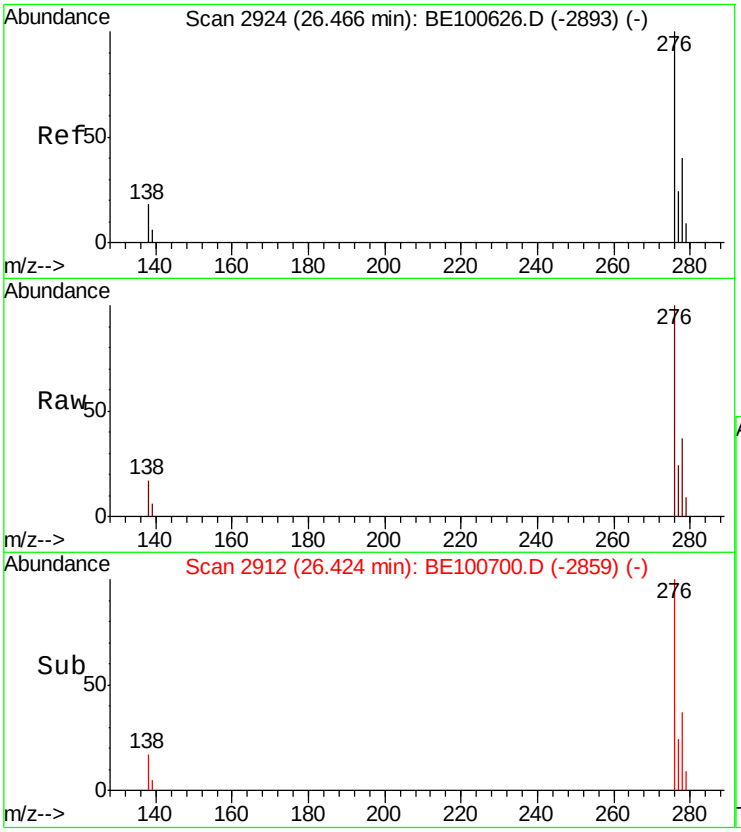


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.272 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:149 Resp: 74818

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.0	0.9	1.3



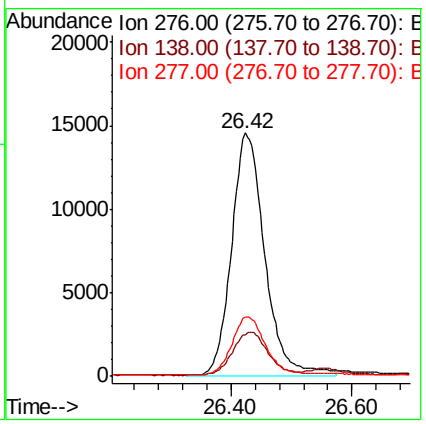


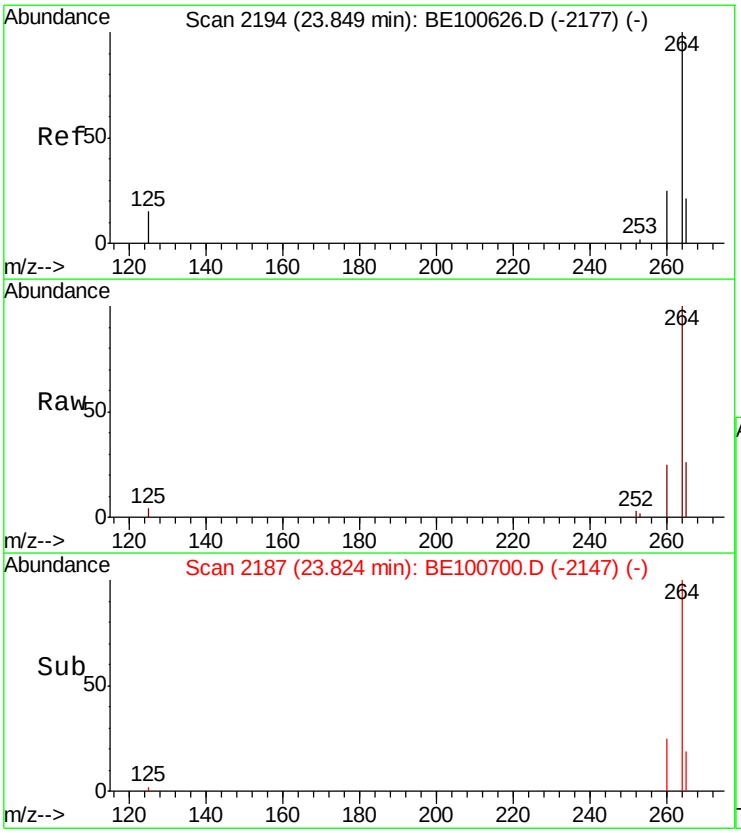
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng
RT: 26.42 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 54838

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.3	22.9
277	24.5	19.4	29.2

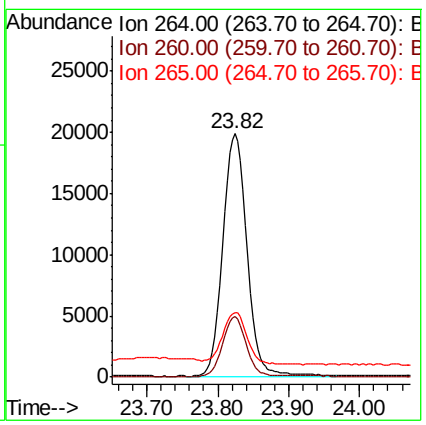


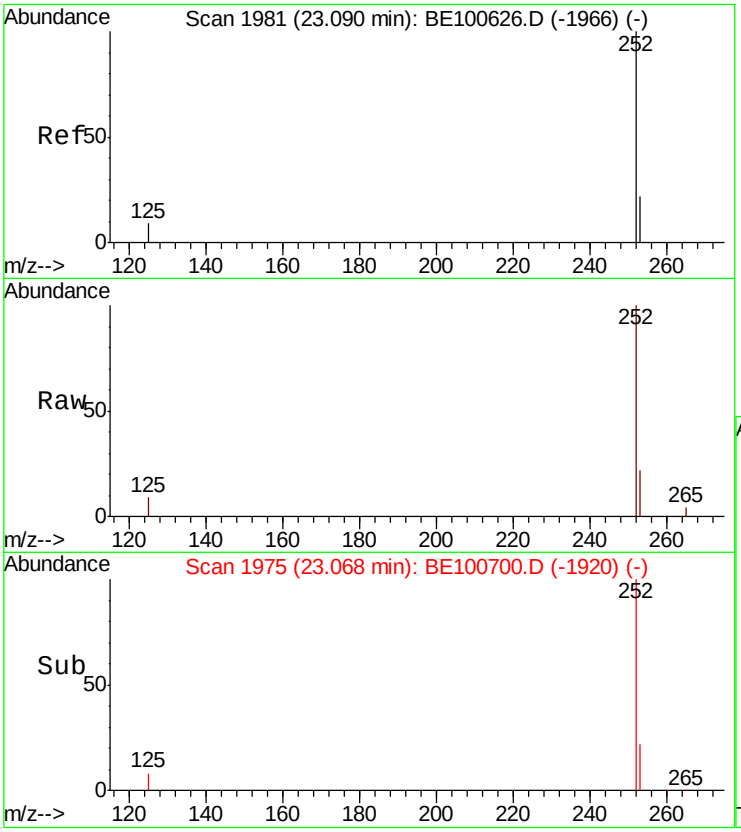


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:264 Resp: 46317

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	26.3	21.7	32.5



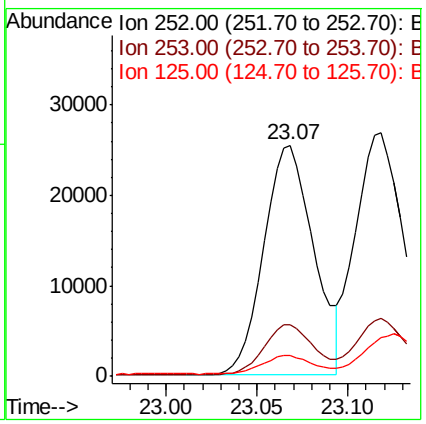


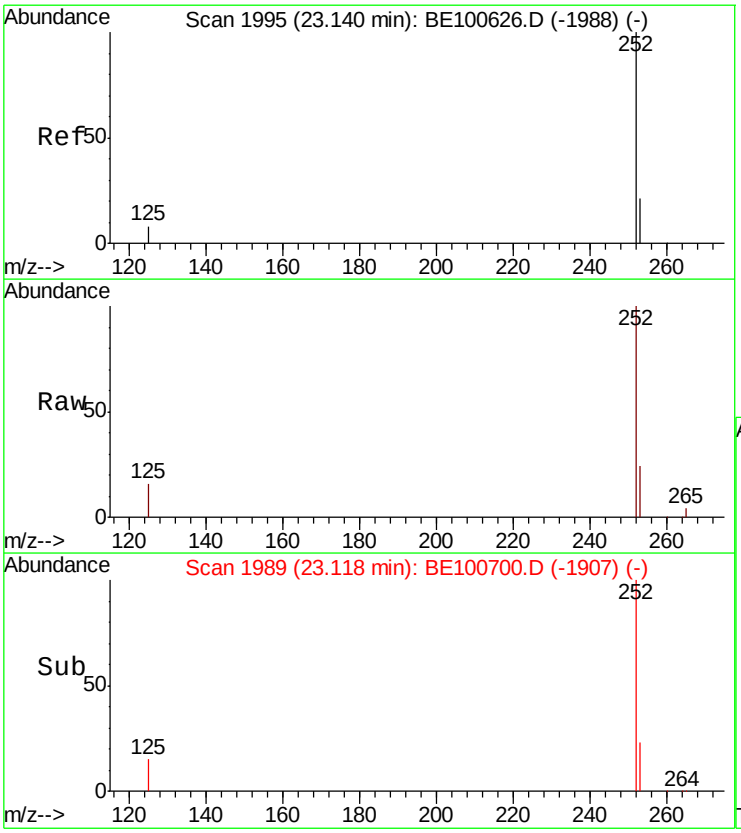
#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 48507

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	8.9	7.6	11.4

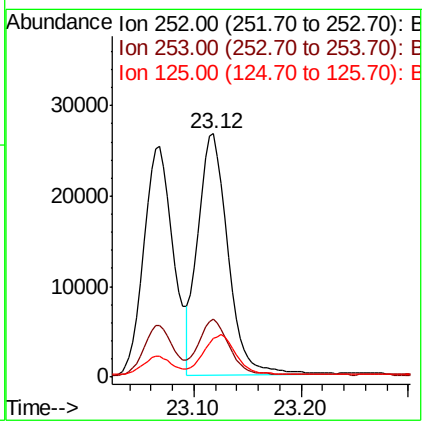


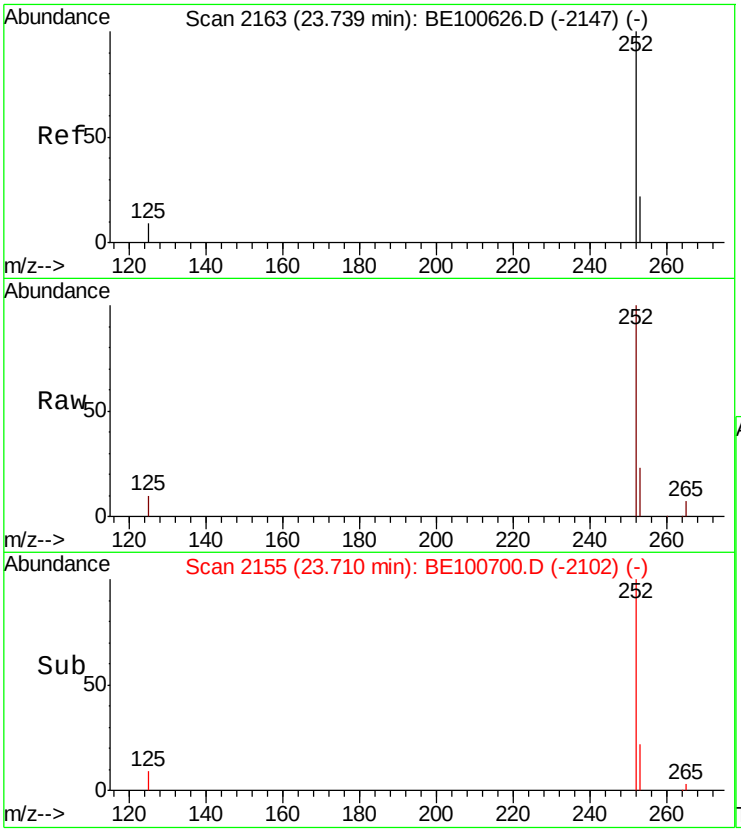


#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:252 Resp: 51513

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	16.0	11.6	17.4



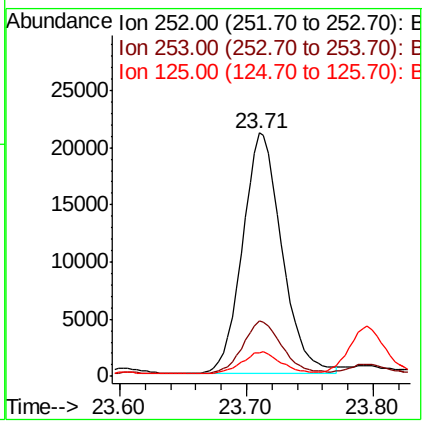


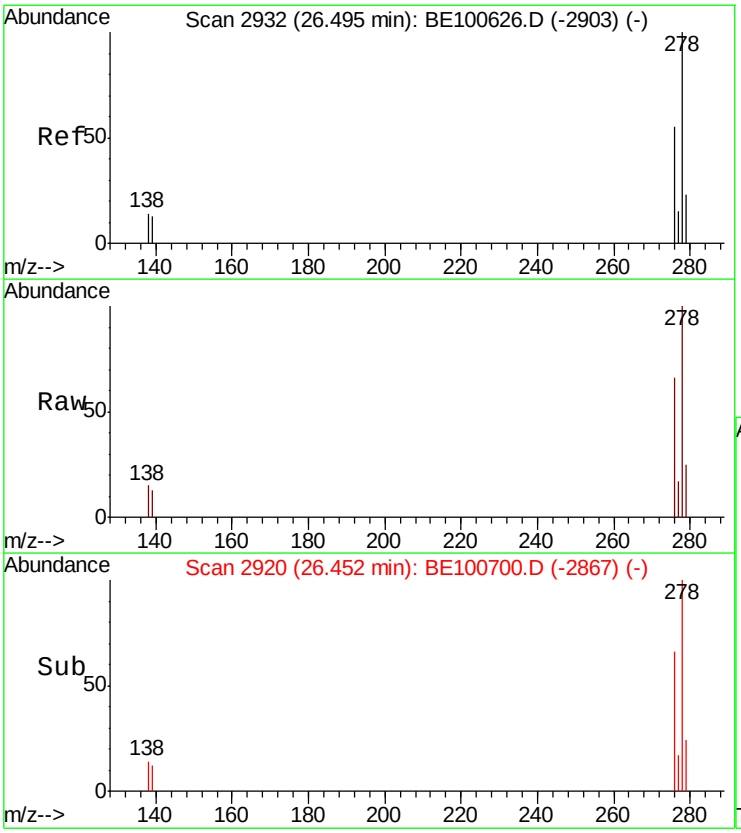
#37
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.71 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 45573

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	9.9	8.2	12.4

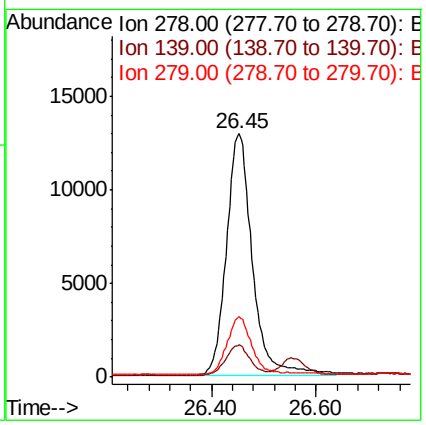


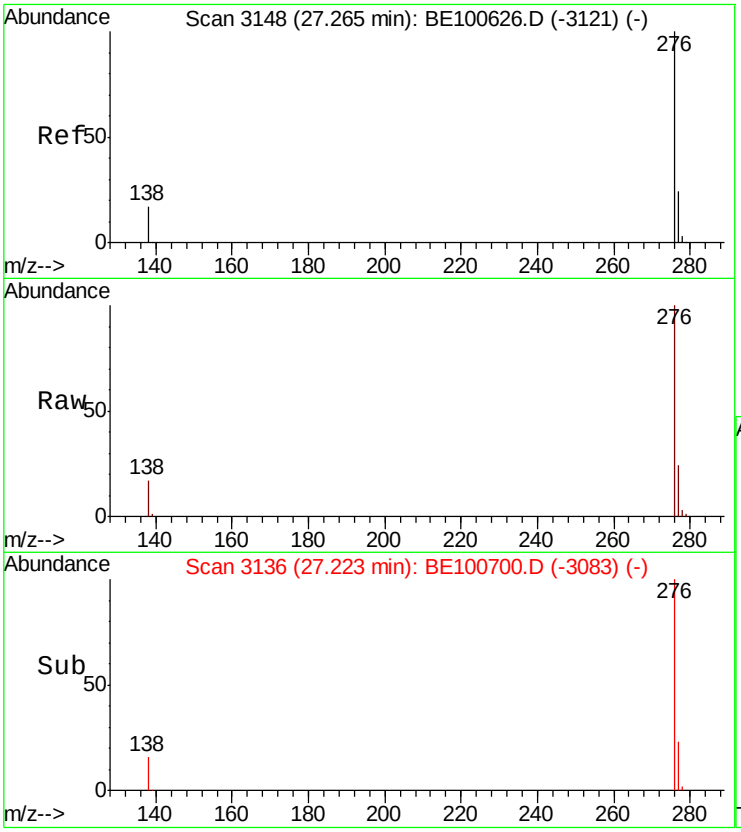


#38
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 26.45 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Tgt Ion:278 Resp: 44899

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.9	16.3
279	24.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 27.22 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BE100700.D
Acq: 7 Nov 2019 13:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 48361

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	16.7	13.6	20.4