Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
Data File : BE100701.D
Acq On : 7 Nov 2019 14:54
Operator : JU
Sample : PB124588BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 07 16:46:50 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	4569	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	19345	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	12636	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	31518	0.40	ng		-0.01
27) Chrysene-d12	21.35	240	39238	0.40	ng		0.00
34) Perylene-d12	23.82	264	45186	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	5395	0.38	ng		0.00
5) Phenol-d6	7.01	99	8184	0.41	ng		0.00
8) Nitrobenzene-d5	8.99	82	5915	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	11865	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1671	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	19553	0.42	ng		0.00
25) Fluoranthene-d10	19.22	212	156030	0.38	ng		0.00
29) Terphenyl-d14	19.82	244	39814	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	3064	0.376	ng		97
3) n-Nitrosodimethylamine	3.69	42	3016	0.350	ng	#	96
6) bis(2-Chloroethyl)ether	7.27	93	6334	0.388	ng		98
9) Naphthalene	10.68	128	78328	0.385	ng		100
10) Hexachlorobutadiene	10.98	225	3438	0.389	ng		99
12) 2-Methylnaphthalene	12.30	142	13391	0.386	ng		100
16) Acenaphthylene	14.18	152	18005	0.331	ng		99
17) Acenaphthene	14.53	154	13123	0.373	ng		98
18) Fluorene	15.50	166	17698	0.379	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	5748	0.358	ng	#	87
21) Hexachlorobenzene	16.51	284	5767	0.377	ng		98
22) Pentachlorophenol	16.85	266	1117	0.227	ng		99
23) Phenanthrene	17.23	178	35241	0.407	ng		100
24) Anthracene	17.32	178	27701	0.344	ng		100
26) Fluoranthene	19.25	202	45740	0.404	ng		99
28) Pyrene	19.60	202	47336	0.432	ng		100
30) Benzo(a)anthracene	21.34	228	46488	0.363	ng		98
31) Chrysene	21.39	228	48676	0.381	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	63410	0.237	ng		100
33) Indeno(1,2,3-cd)pyrene	26.42	276	54630	0.347	ng		99
35) Benzo(b)fluoranthene	23.07	252	47689	0.362	ng		99
36) Benzo(k)fluoranthene	23.12	252	51096	0.377	ng		98
37) Benzo(a)pyrene	23.71	252	42332	0.345	ng		99
38) Dibenzo(a,h)anthracene	26.45	278	44101	0.348	ng		99
39) Benzo(g,h,i)perylene	27.22	276	48032	0.377	ng		99

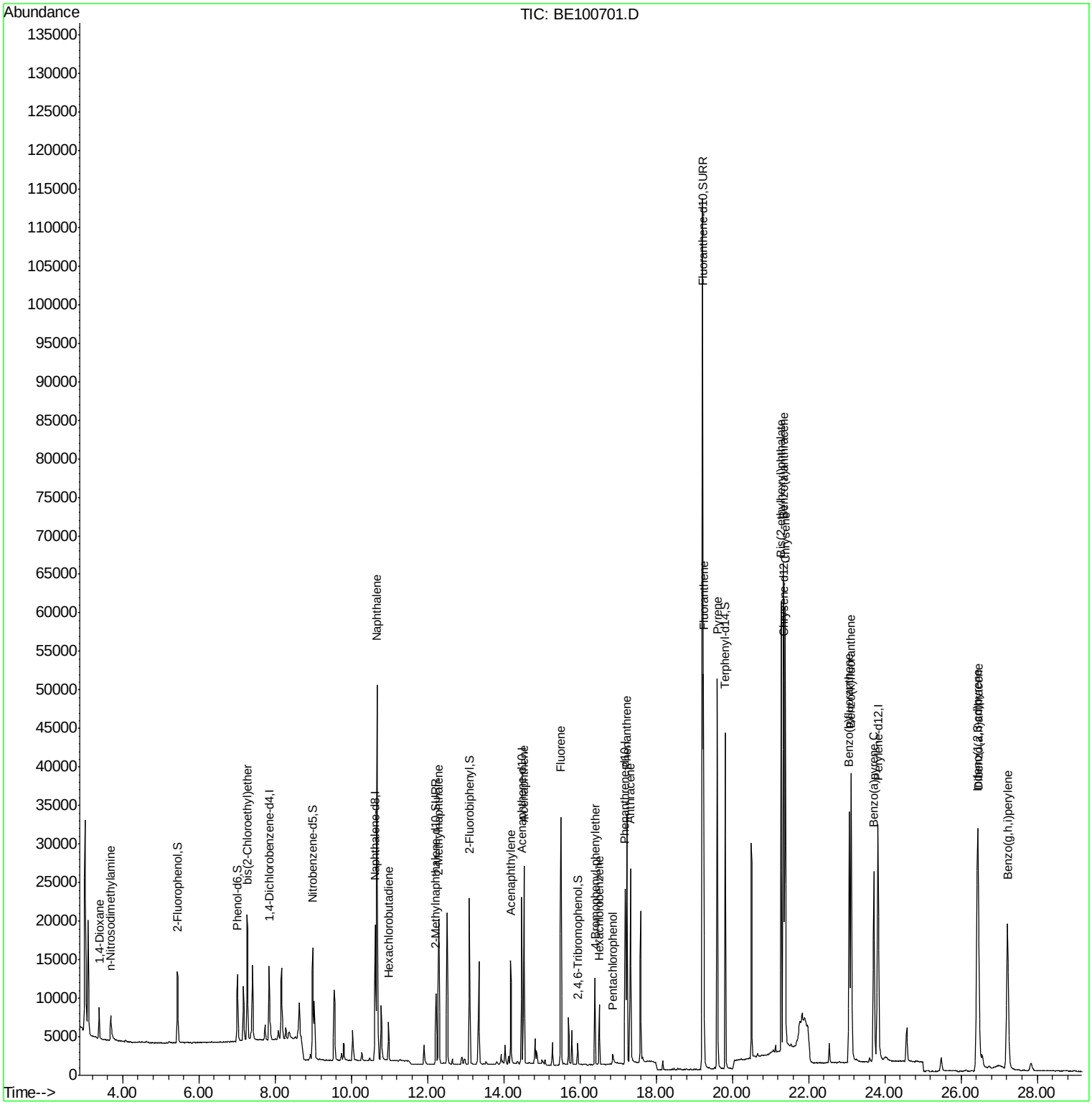
(#) = qualifier out of range (m) = manual integration (+) = signals summed

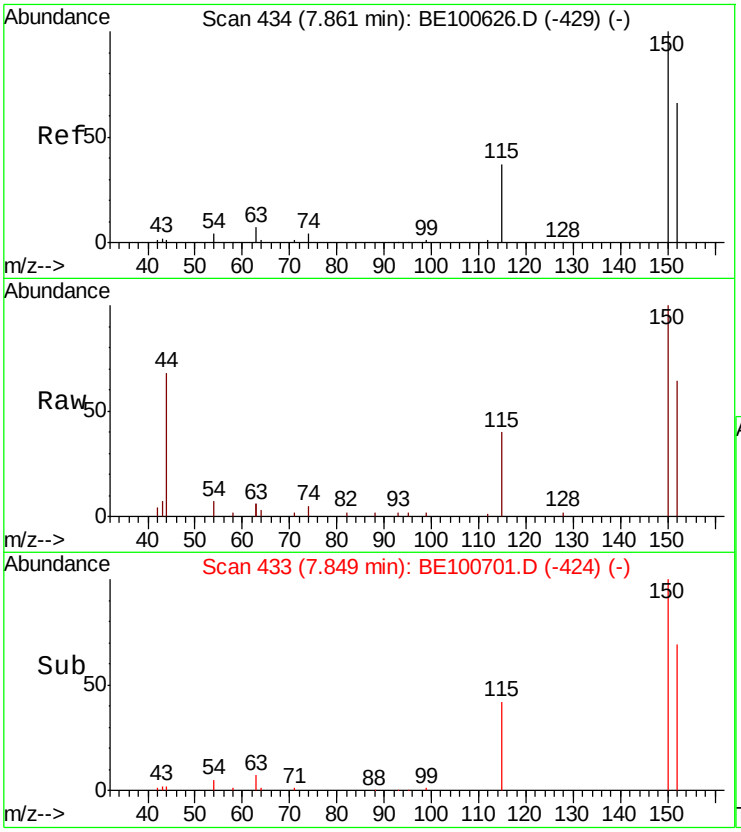
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
Data File : BE100701.D
Acq On : 7 Nov 2019 14:54
Operator : JU
Sample : PB124588BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 07 16:46:50 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



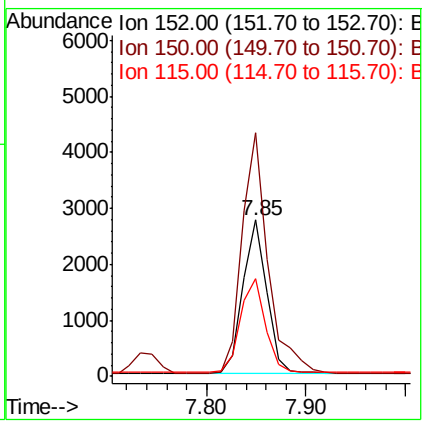


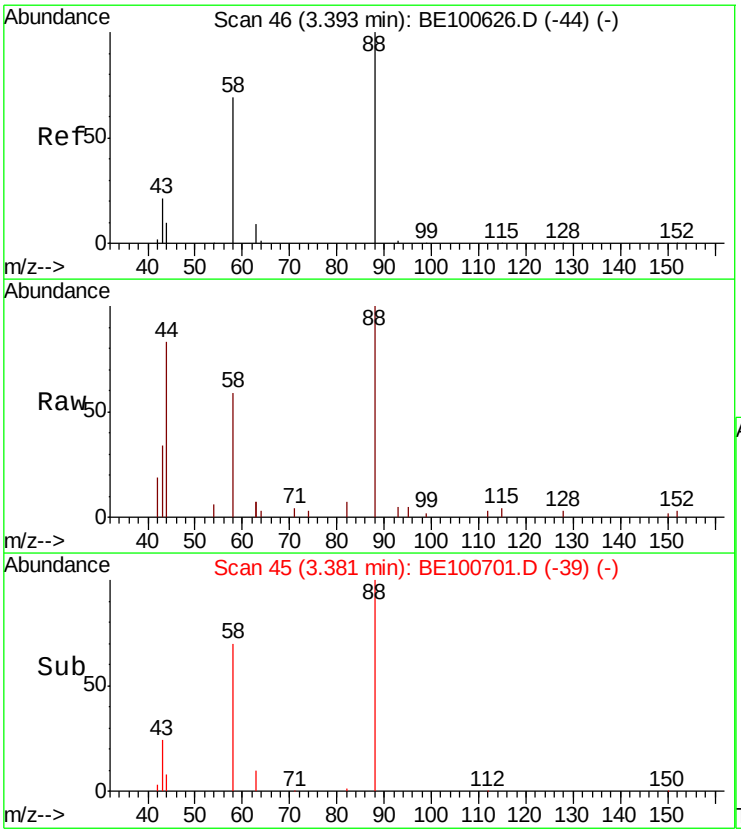
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4569

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.3	184.9
115	62.3	51.9	77.9

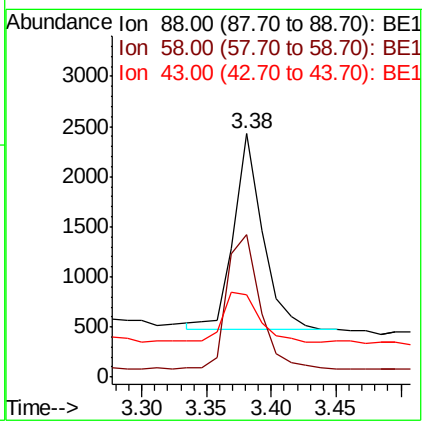


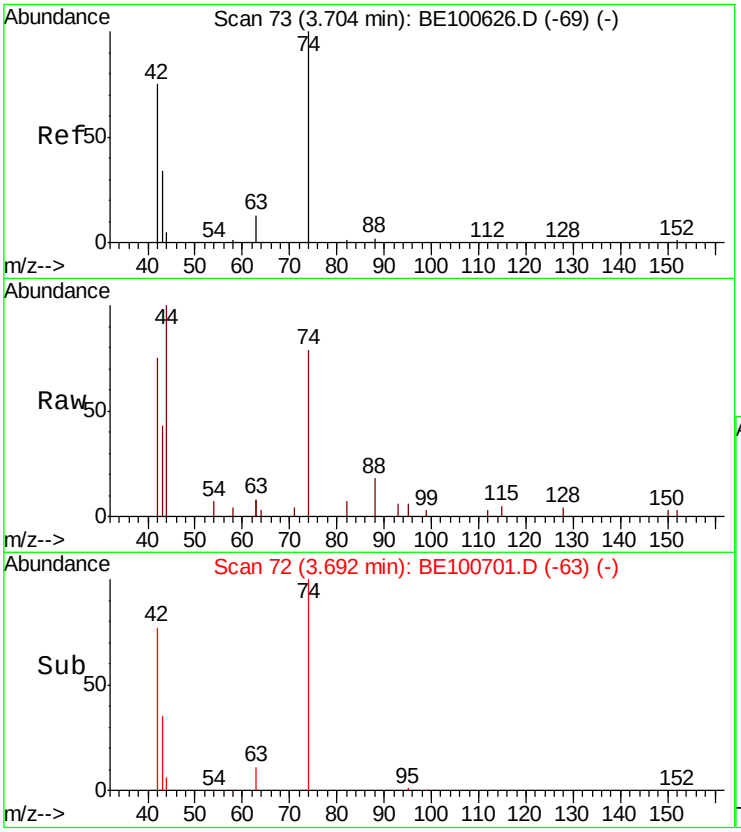


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion: 88 Resp: 3064

Ion	Ratio	Lower	Upper
88	100		
58	76.7	59.8	89.6
43	32.4	24.6	36.8



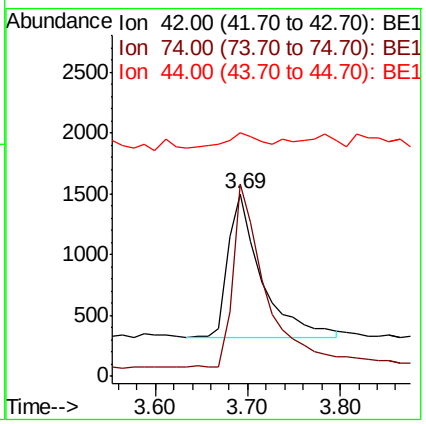


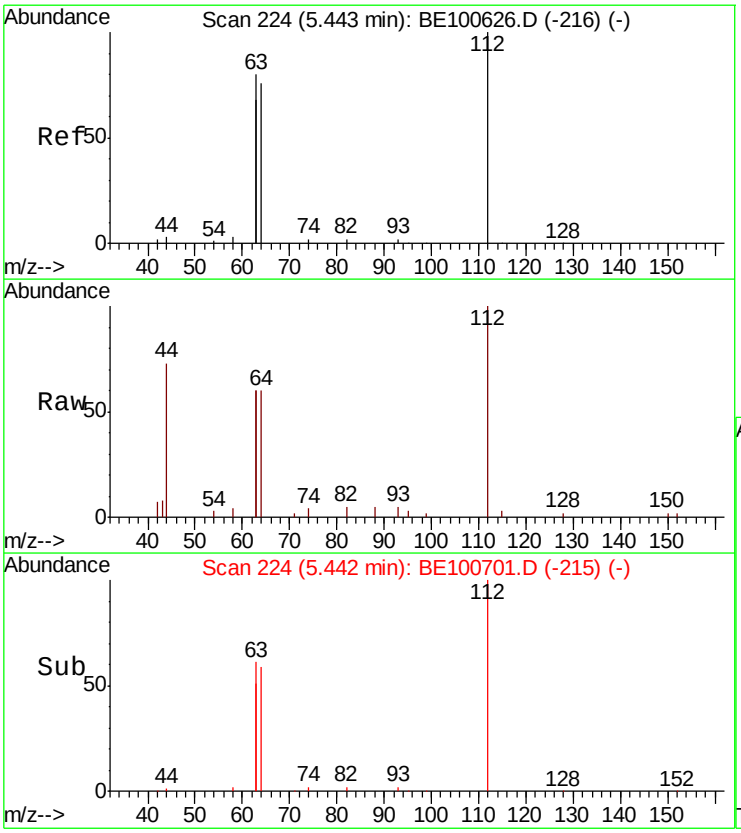
#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3016

Ion	Ratio	Lower	Upper
42	100		
74	122.3	97.2	145.8
44	9.4	16.6	24.8#

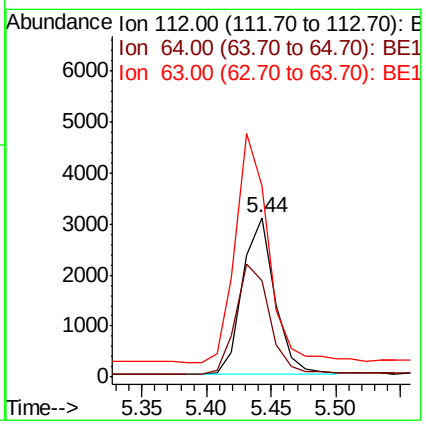


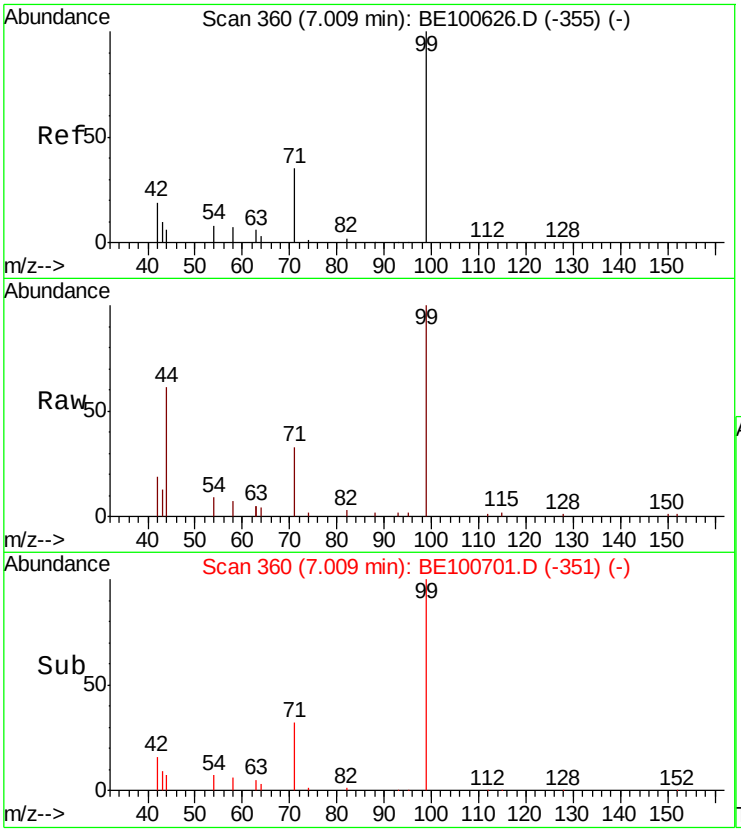


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:112 Resp: 5395

Ion	Ratio	Lower	Upper
112	100		
64	72.4	55.4	83.2
63	144.9	114.2	171.4



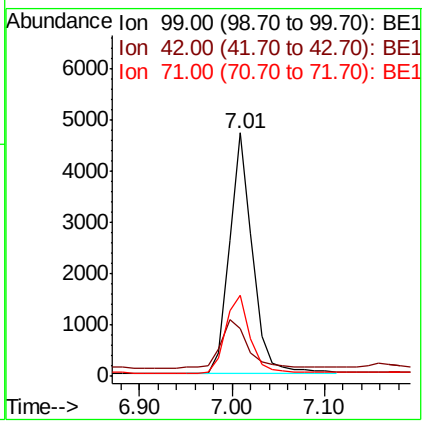


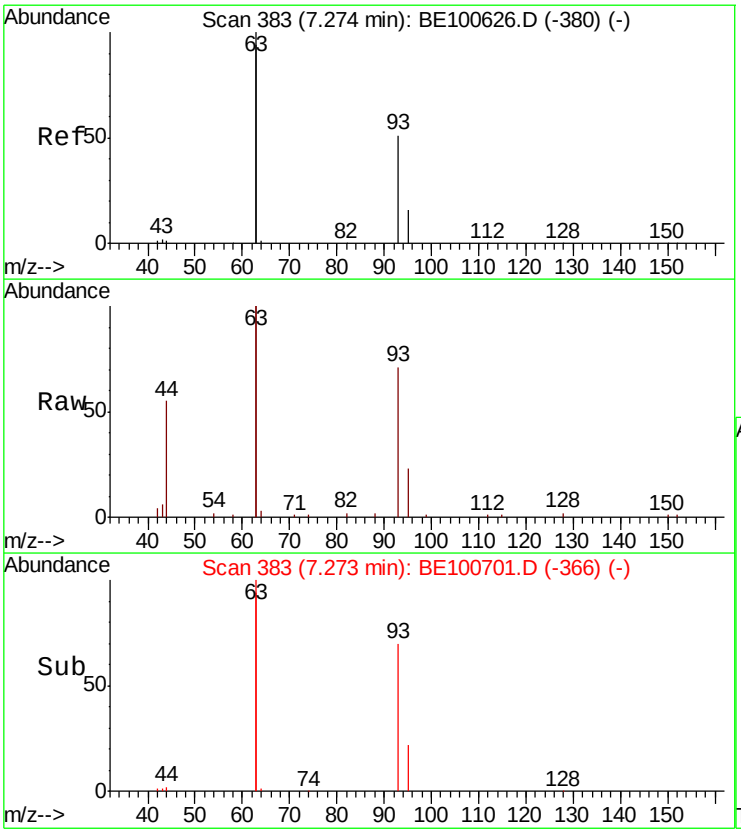
#5
Phenol-d6
Concen: 0.411 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8184

Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.7	26.5
71	35.0	27.4	41.0

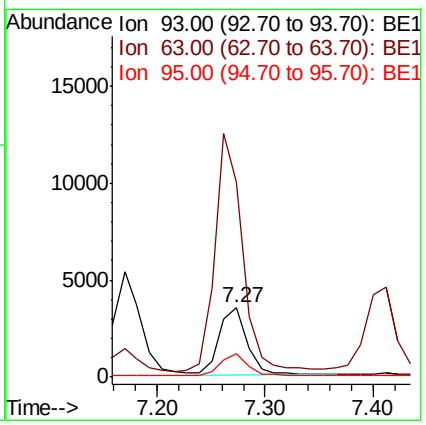


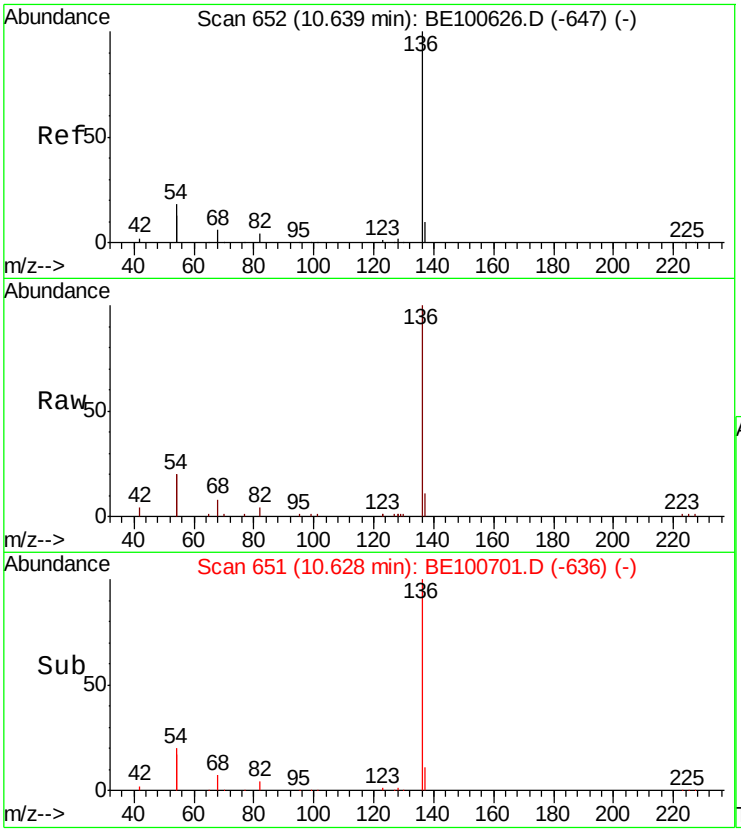


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion: 93 Resp: 6334

Ion	Ratio	Lower	Upper
93	100		
63	339.3	268.8	403.2
95	29.9	25.6	38.4



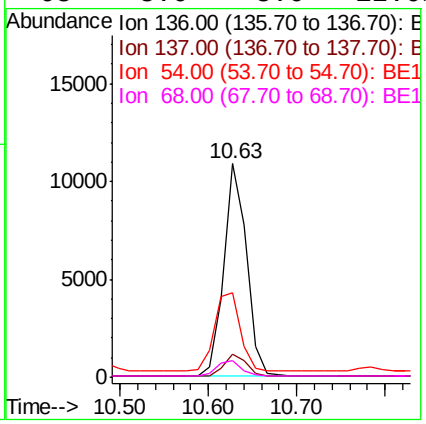


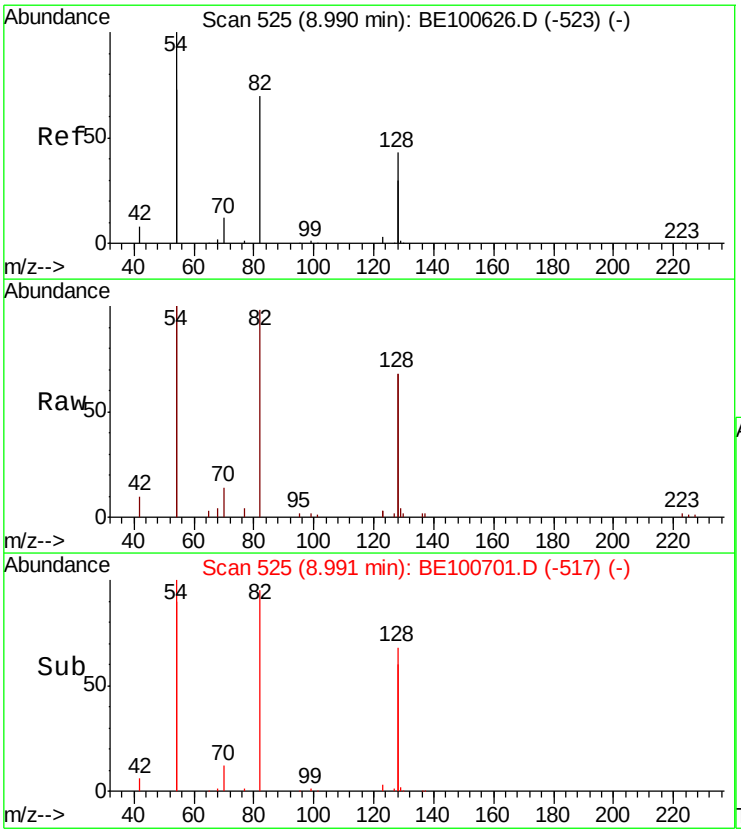
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 19345

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	39.4	39.4	59.2#
68	8.0	8.0	12.0#

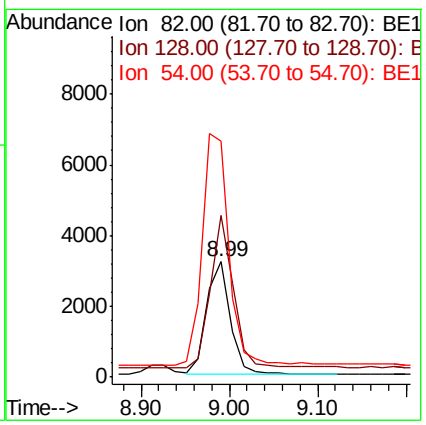


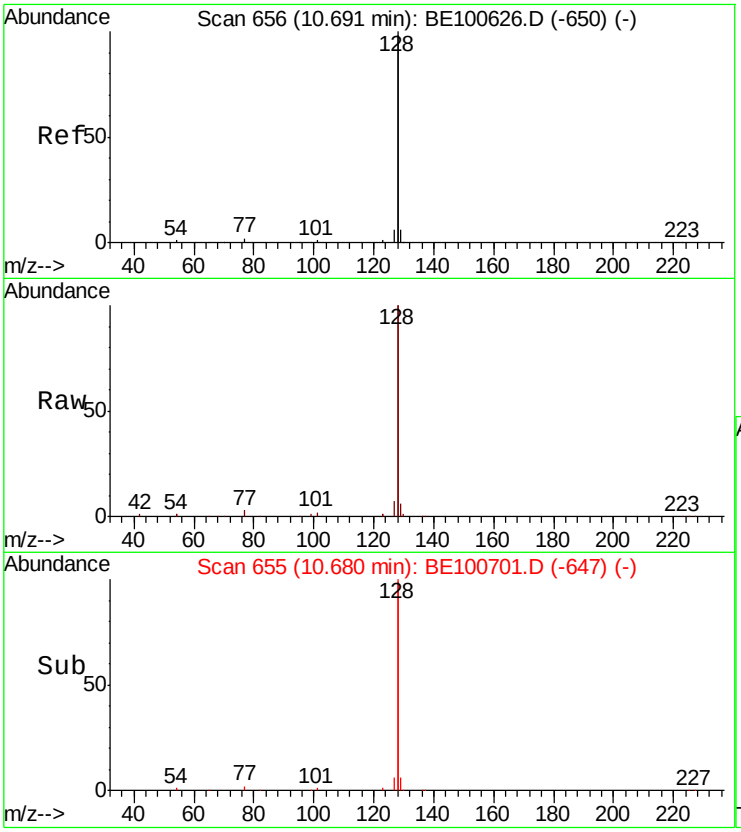


#8
Nitrobenzene-d5
Concen: 0.493 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion: 82 Resp: 5915

Ion	Ratio	Lower	Upper
82	100		
128	139.9	107.8	161.8
54	204.9	166.1	249.1



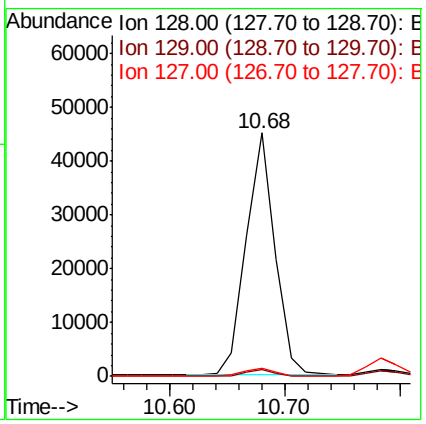


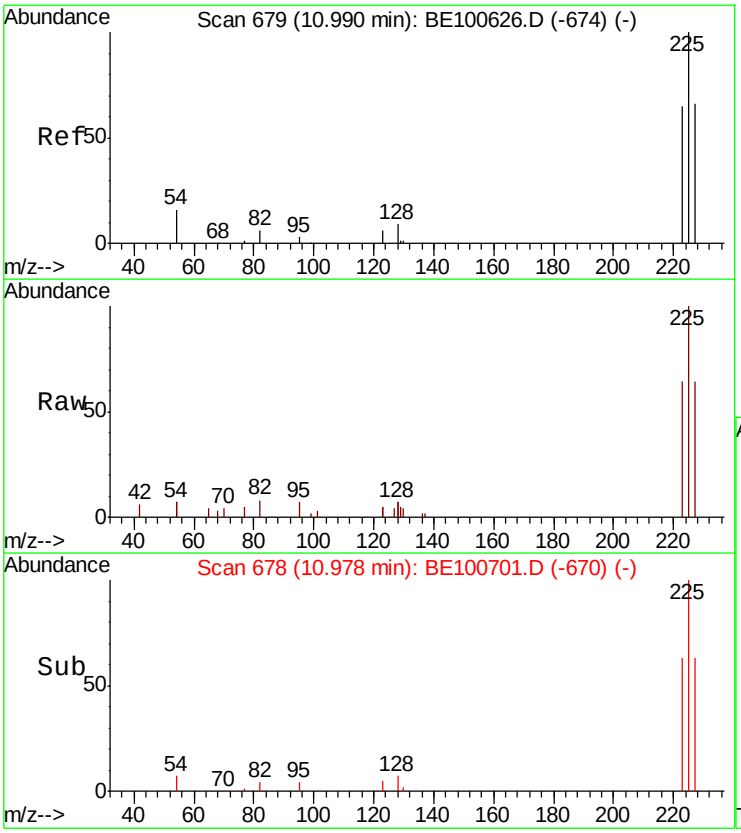
#9
Naphthalene
Concen: 0.385 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 78328

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.7	4.1

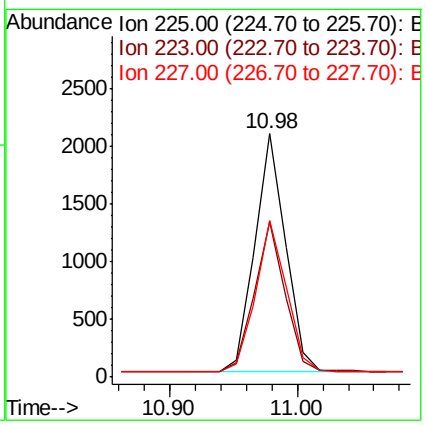


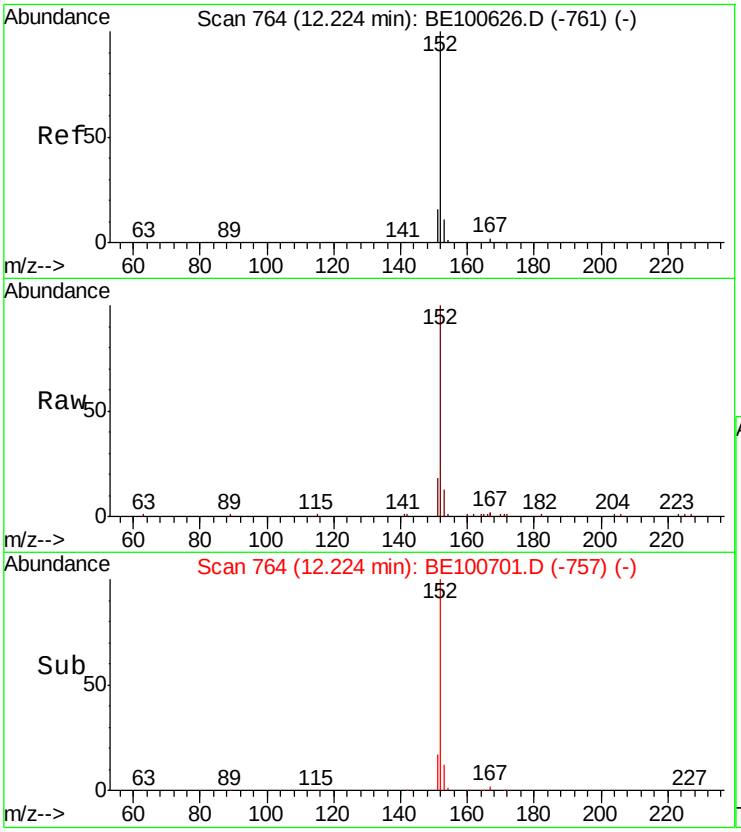


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:225 Resp: 3438

Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.6	72.8
227	64.1	51.6	77.4



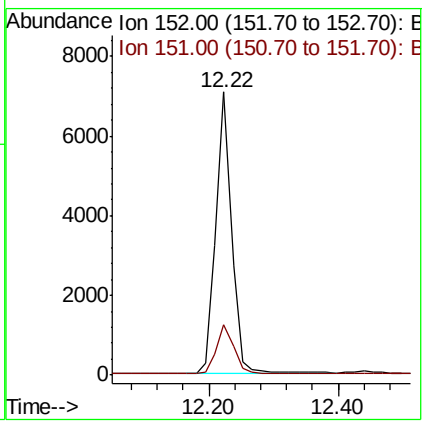


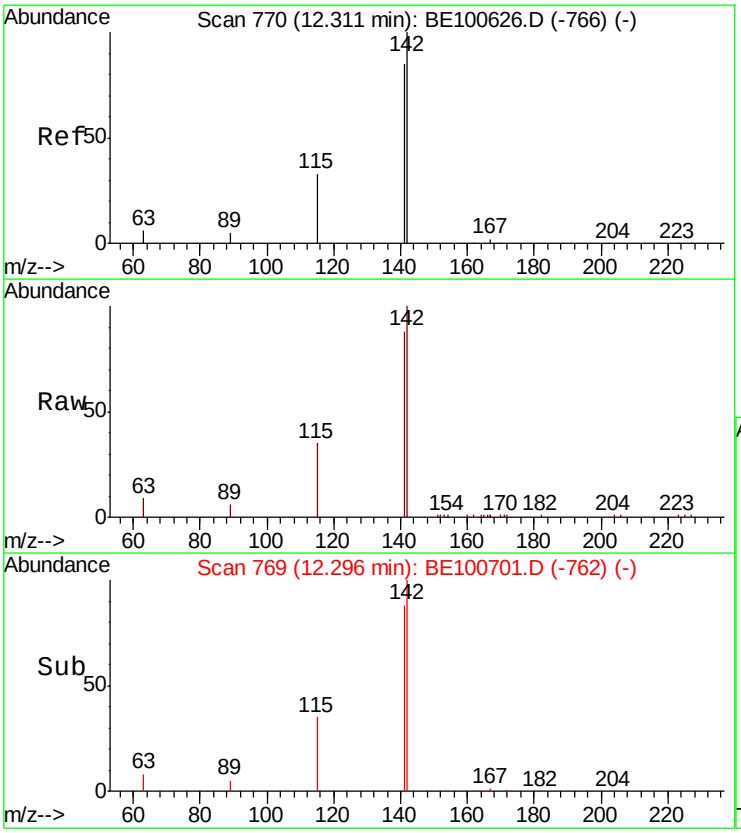
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11865

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.7	22.1

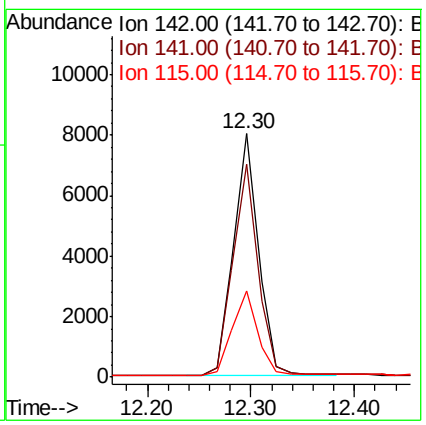


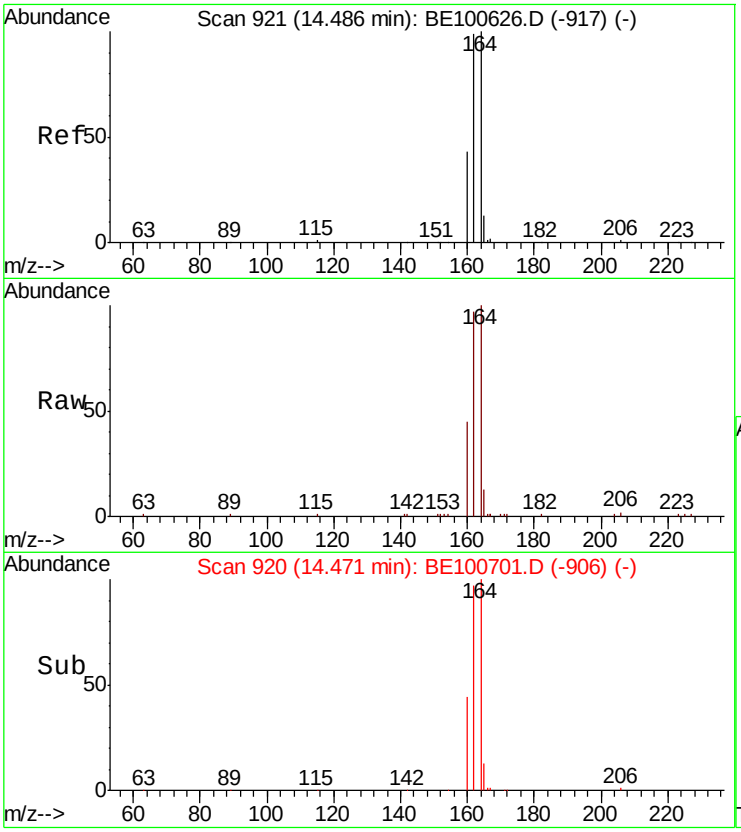


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:142 Resp: 13391

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1
115	35.2	28.3	42.5



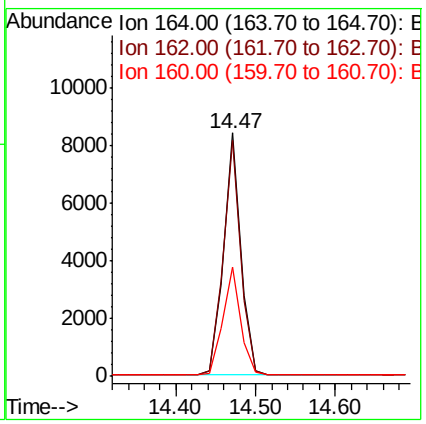


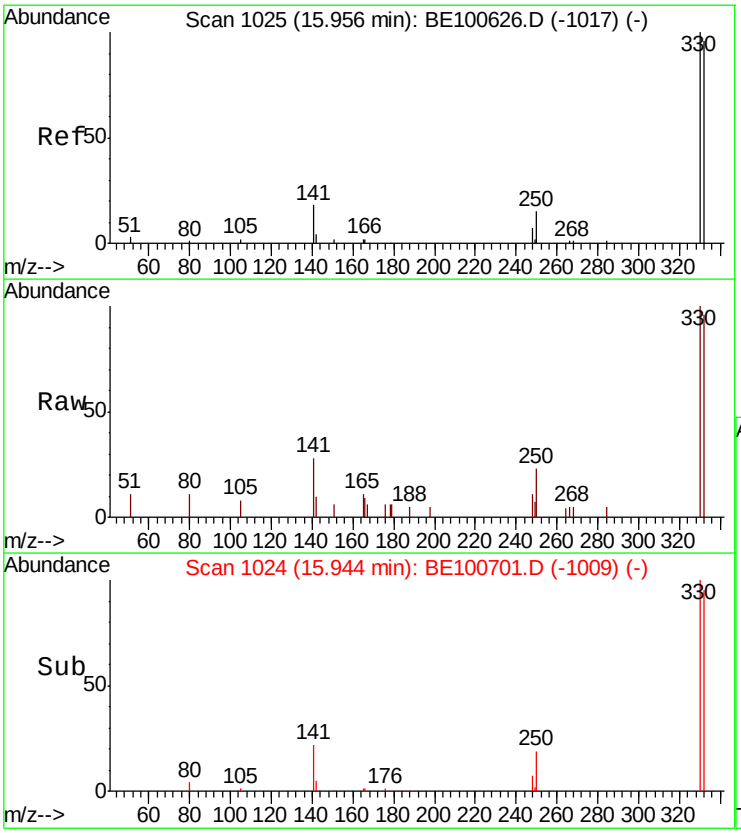
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12636

Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.0	123.0
160	44.6	37.5	56.3

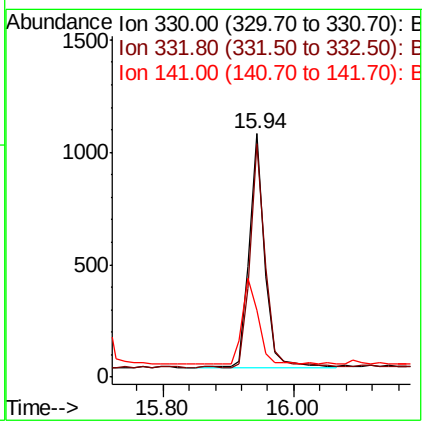


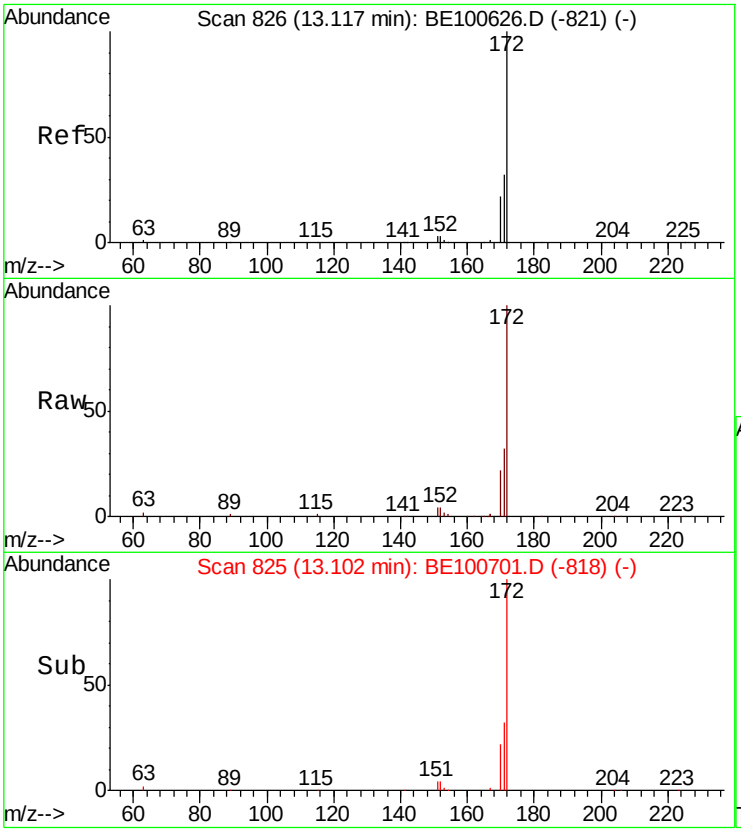


#14
2,4,6-Tribromophenol
Concen: 0.500 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:330 Resp: 1671

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.9	116.9
141	38.7	33.0	49.6



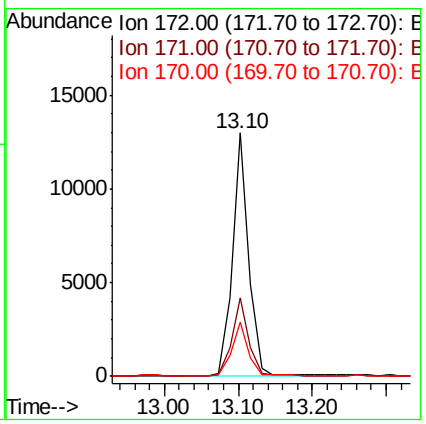


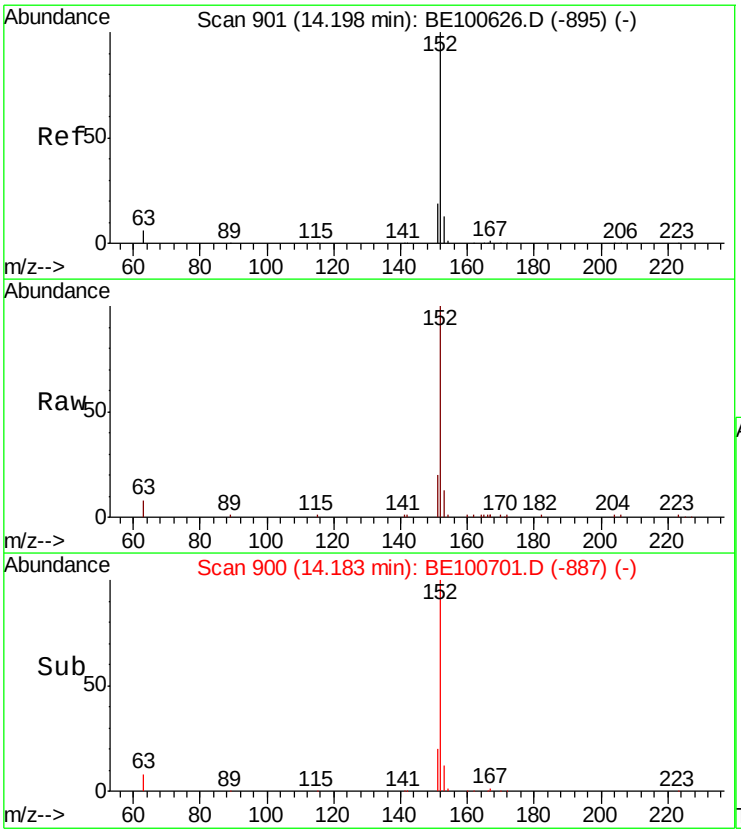
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 19553

Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.5	39.7
170	22.3	19.0	28.4

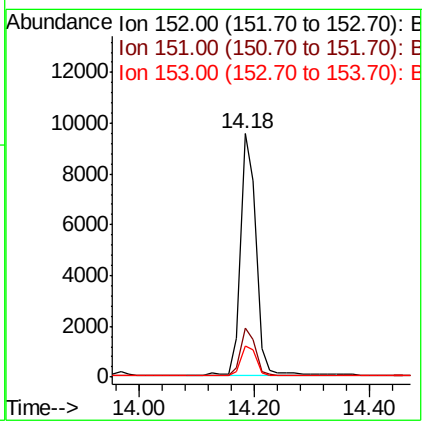


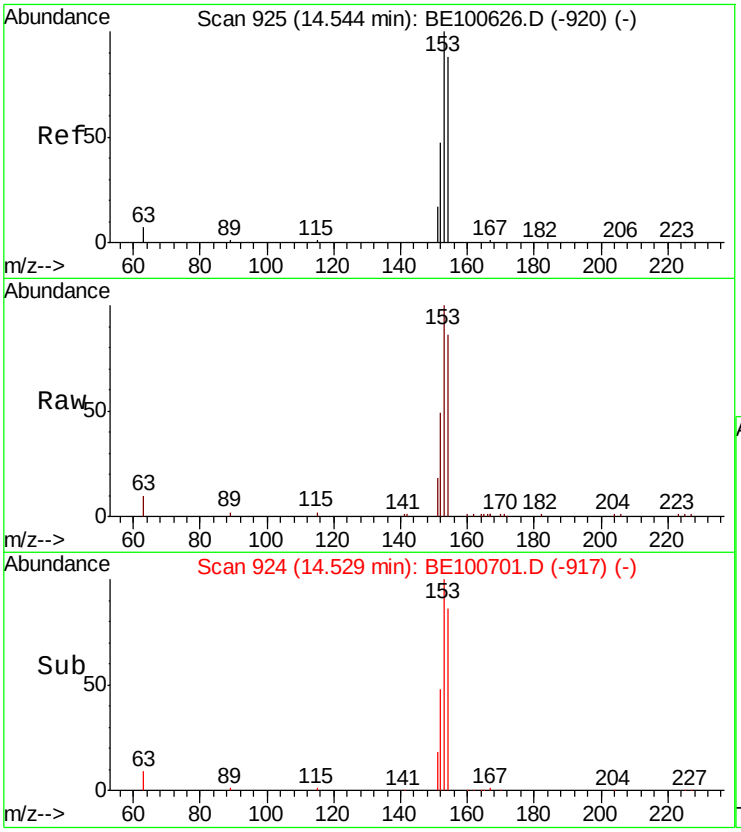


#16
Acenaphthylene
Concen: 0.331 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:152 Resp: 18005

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8
153	12.8	10.3	15.5



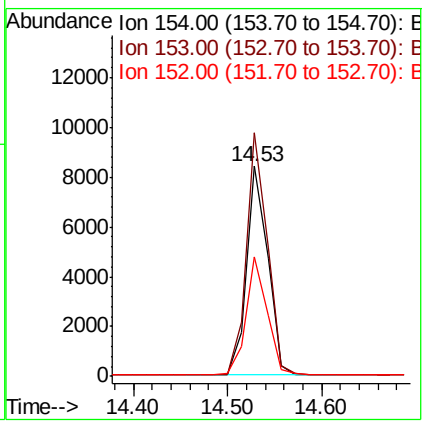


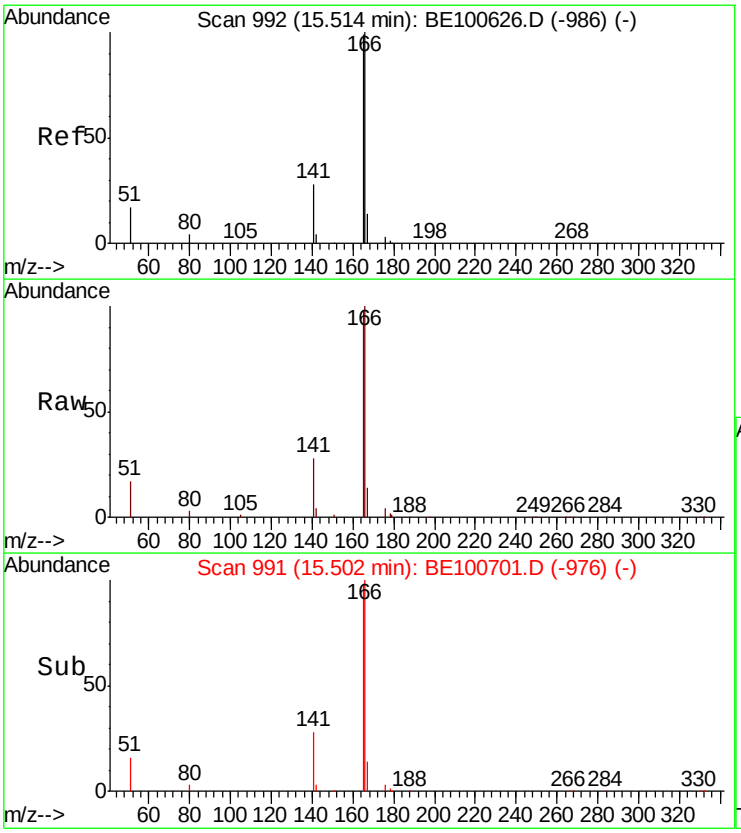
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 13123

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.4	134.2
152	55.7	44.1	66.1

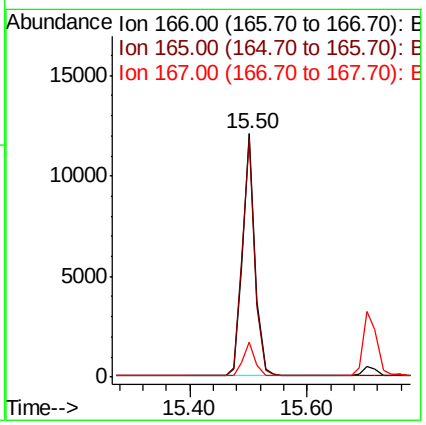


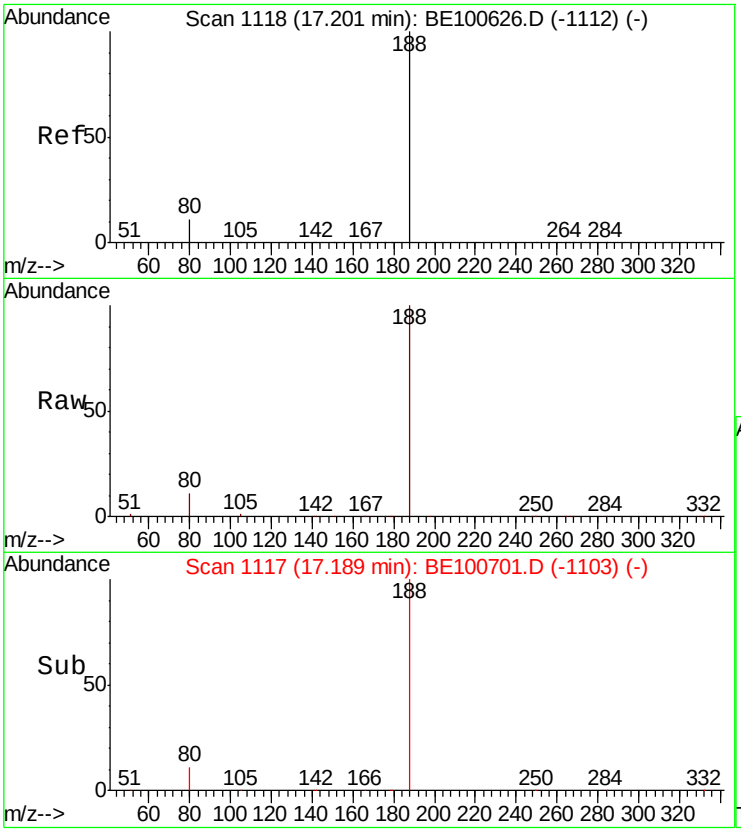


#18
Fluorene
Concen: 0.379 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:166 Resp: 17698

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	13.6	10.9	16.3



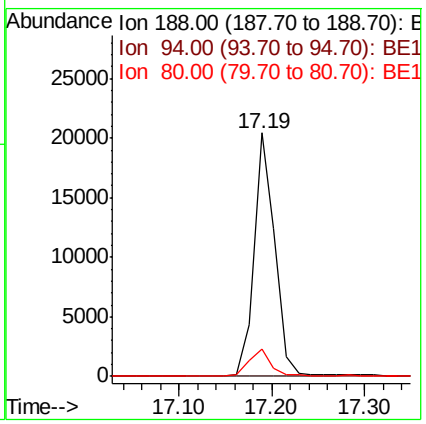


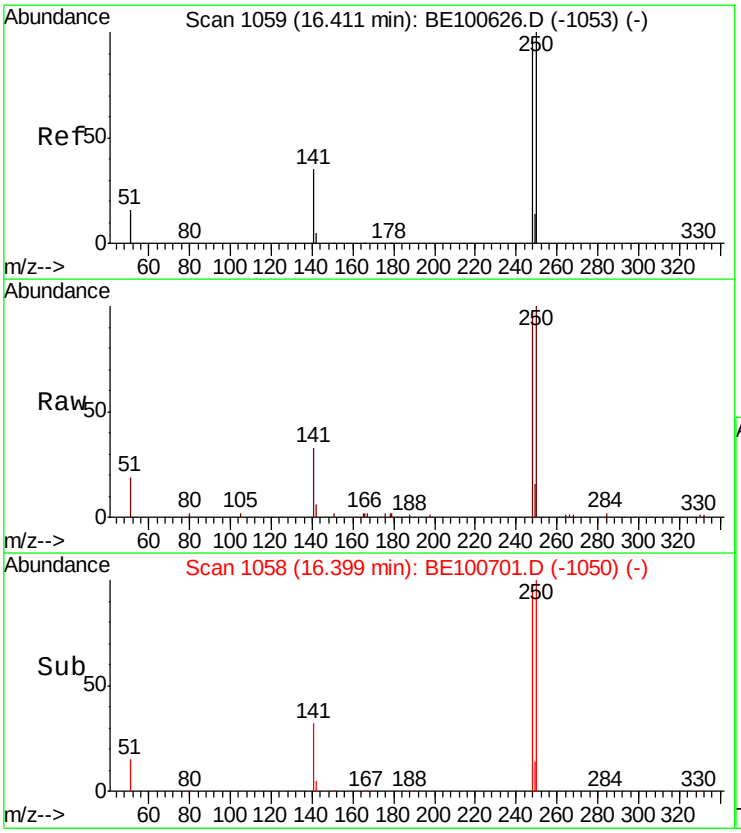
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 31518

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	5.4	8.0#

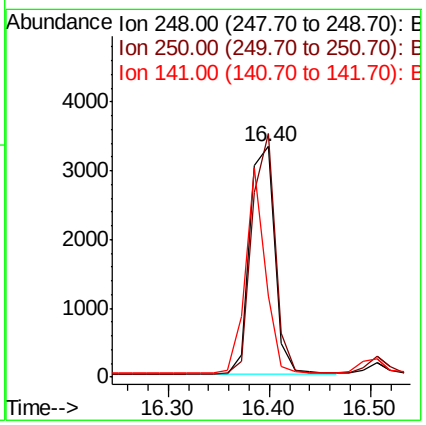


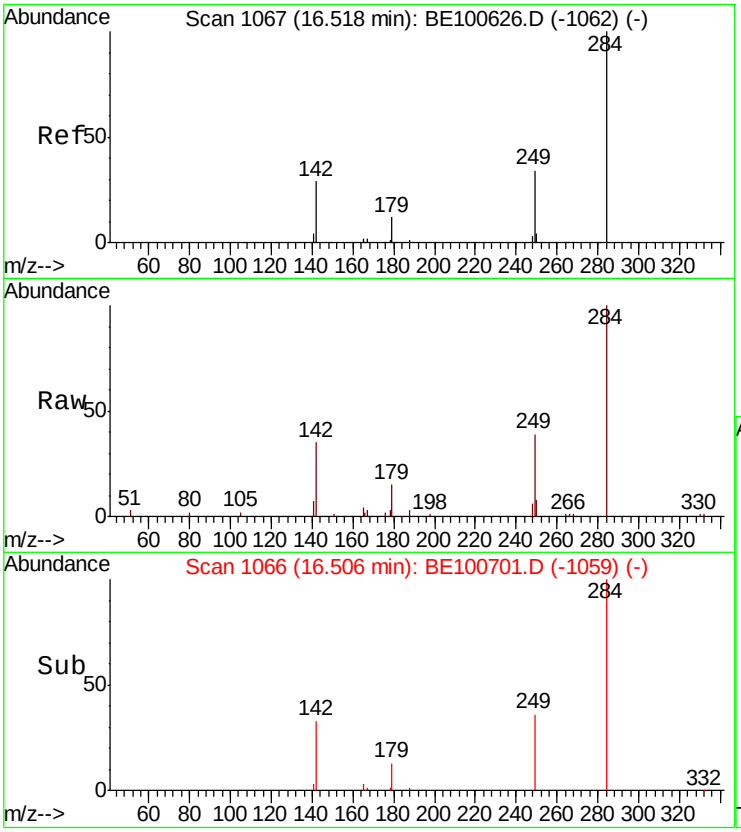


#20
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:248 Resp: 5748

Ion	Ratio	Lower	Upper
248	100		
250	105.7	76.3	114.5
141	35.4	37.3	55.9#



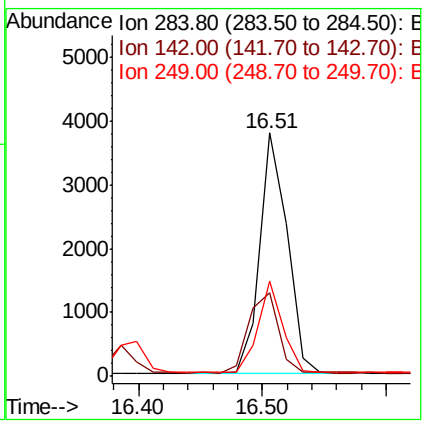


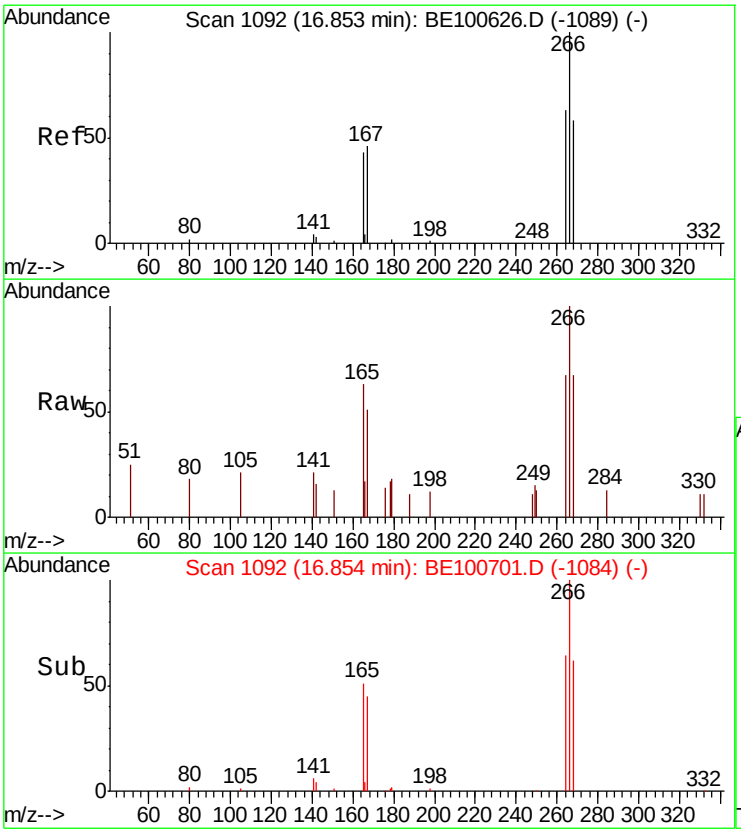
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5767

Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.6	42.8
249	34.3	26.3	39.5

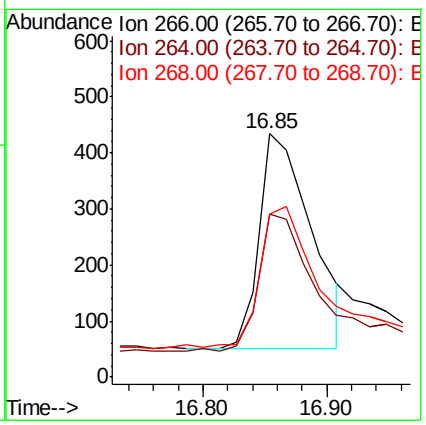


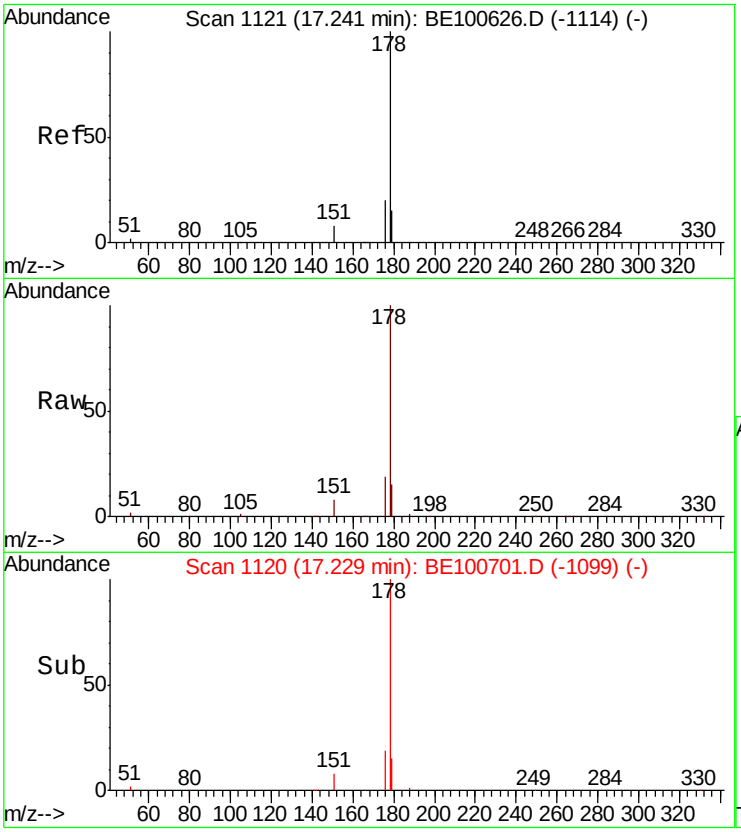


#22
Pentachlorophenol
Concen: 0.227 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:266 Resp: 1117

Ion	Ratio	Lower	Upper
266	100		
264	67.1	52.2	78.4
268	66.8	53.1	79.7



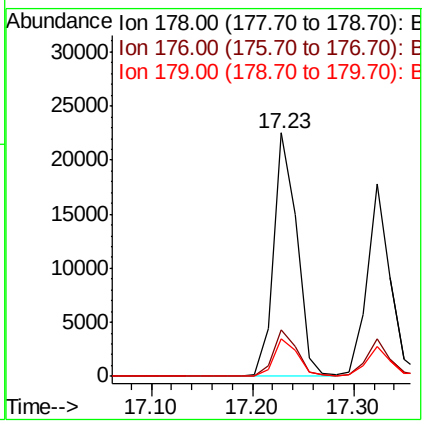


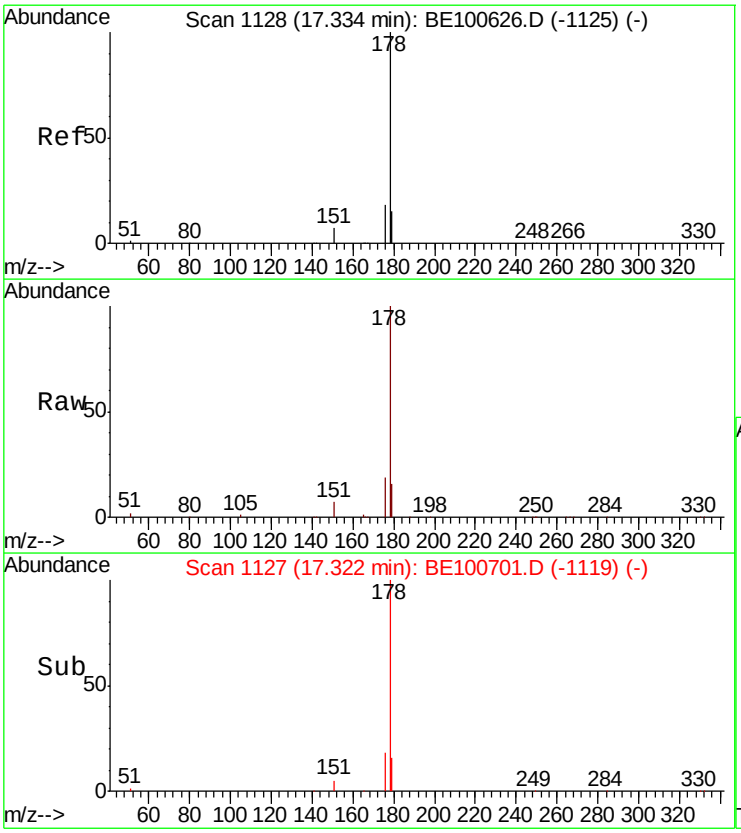
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35241

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.5	12.1	18.1

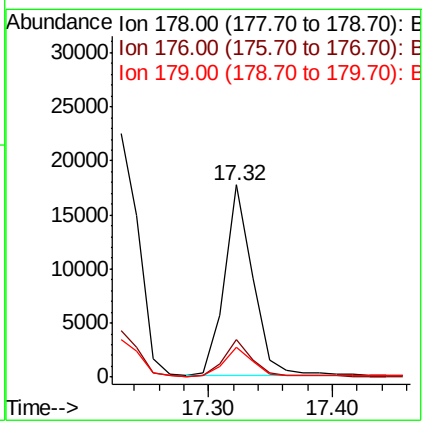


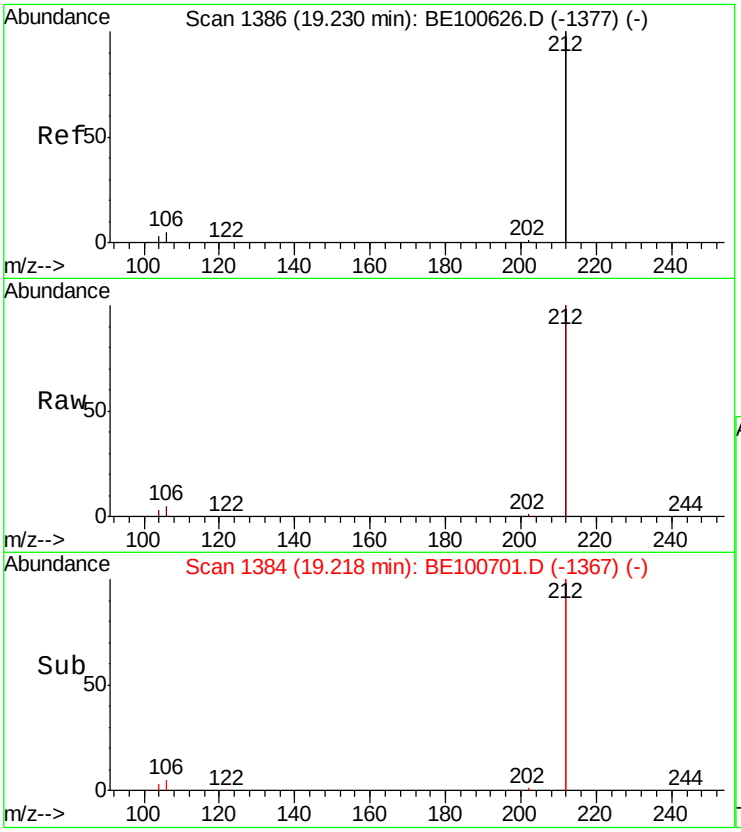


#24
Anthracene
Concen: 0.344 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:178 Resp: 27701

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.9	12.5	18.7



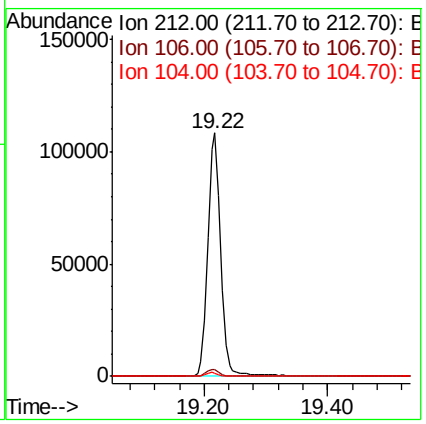


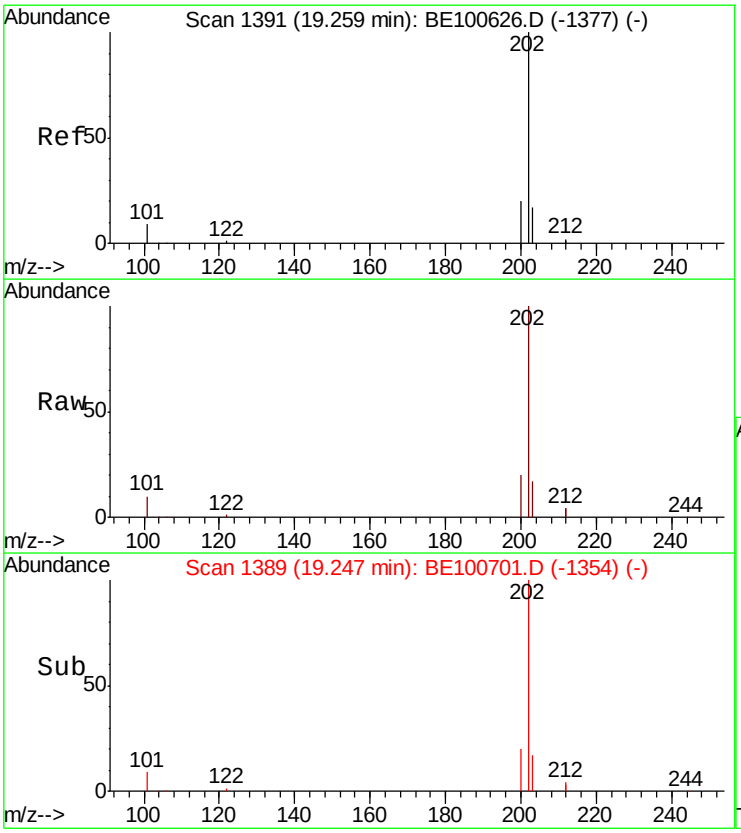
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 156030

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

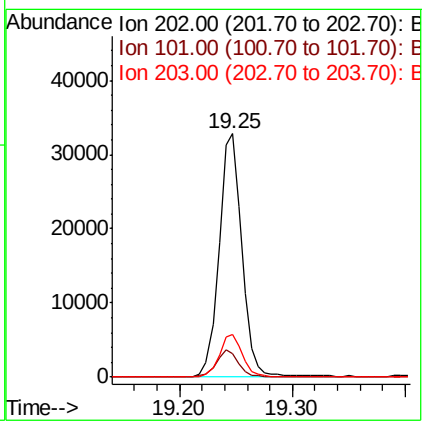


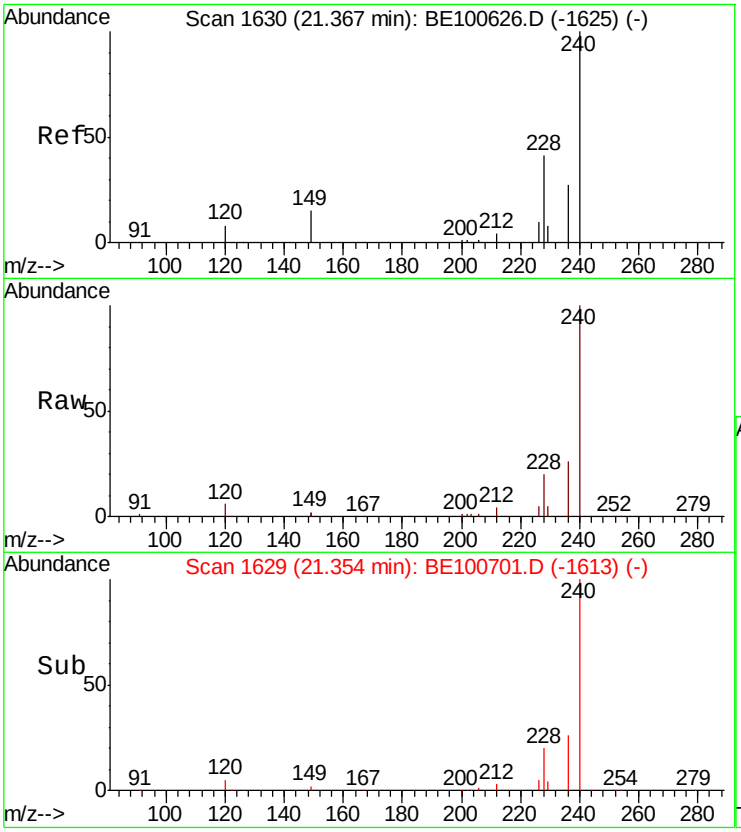


#26
Fluoranthene
Concen: 0.404 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:202 Resp: 45740

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.5	12.7
203	17.0	13.8	20.8



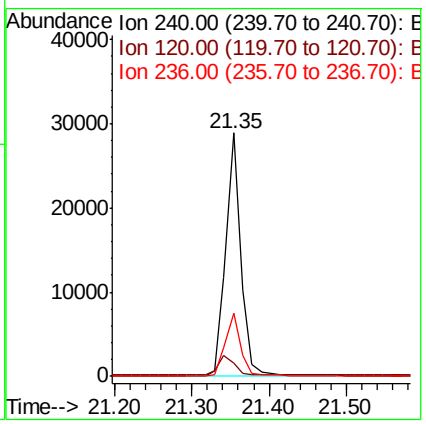


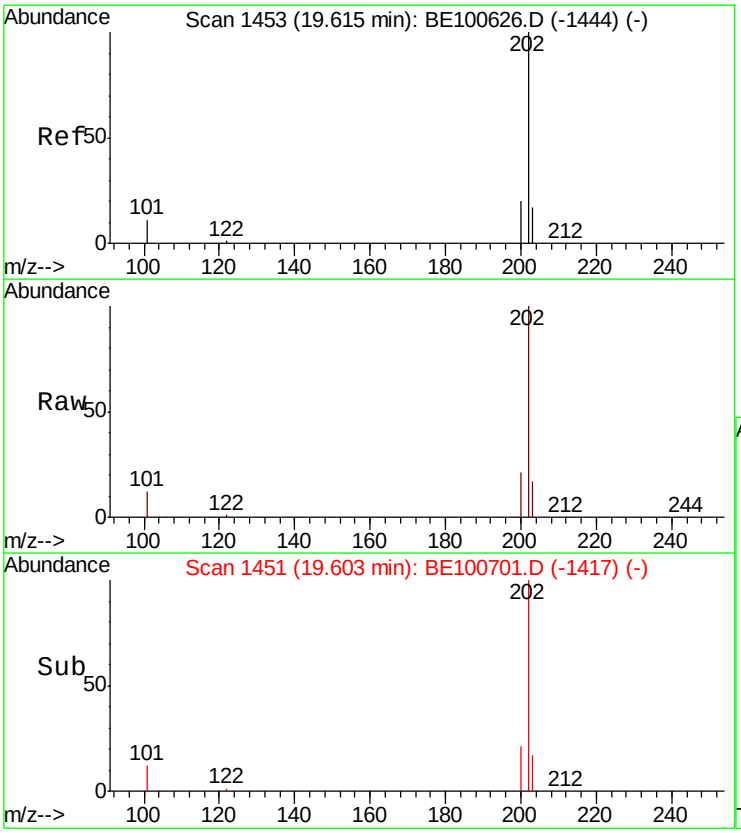
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 39238

Ion	Ratio	Lower	Upper
240	100		
120	5.5	7.6	11.4#
236	26.1	22.1	33.1

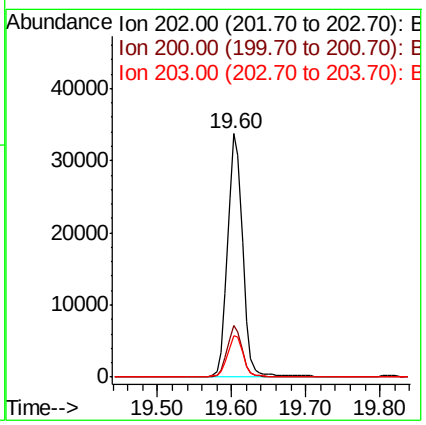


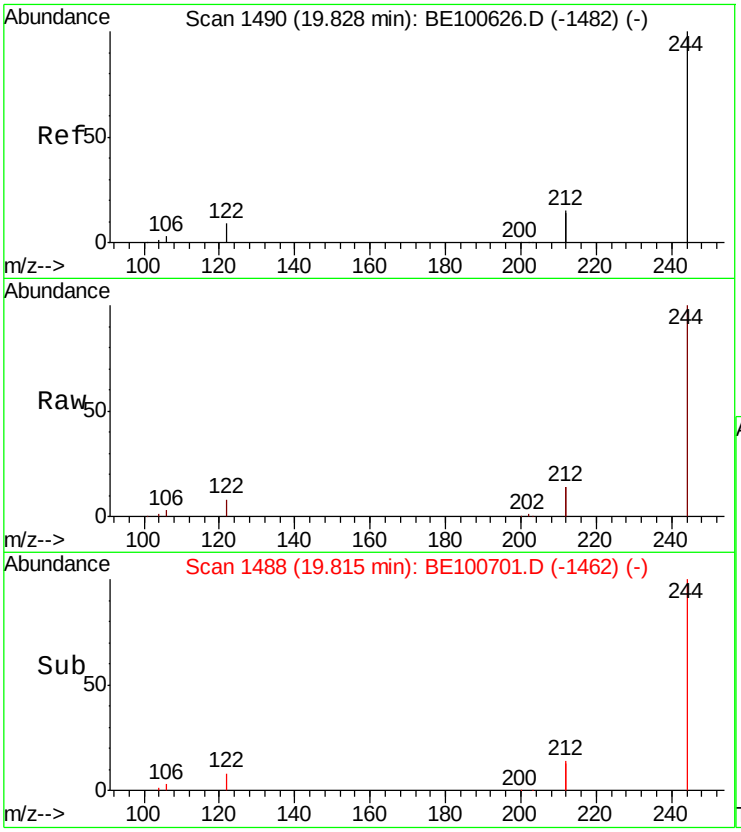


#28
Pyrene
Concen: 0.432 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:202 Resp: 47336

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	14.0	21.0



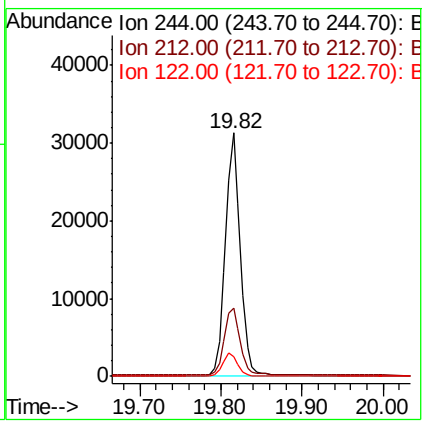


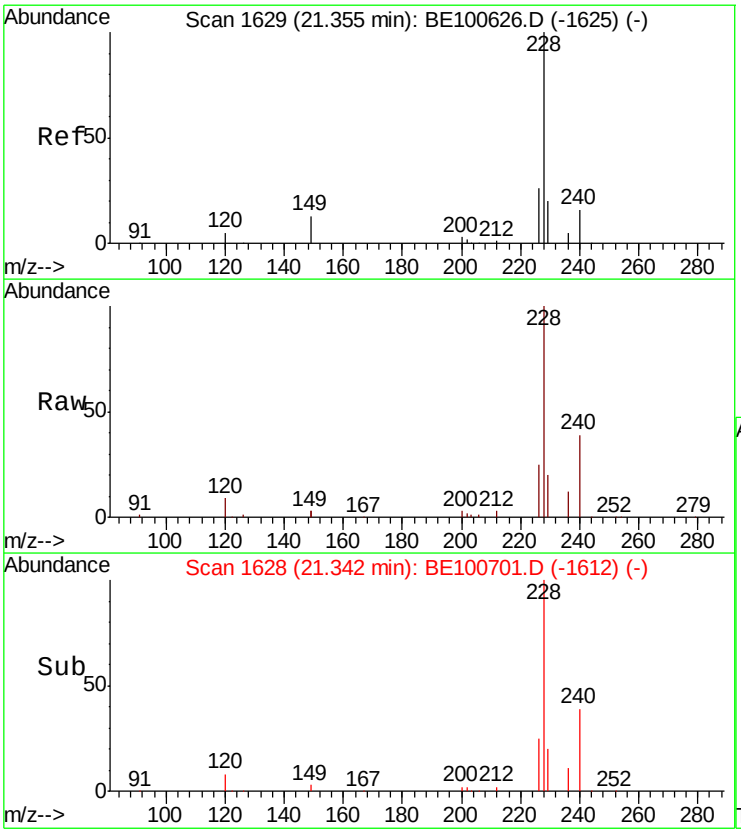
#29
Terphenyl-d14
Concen: 0.464 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 39814

Ion	Ratio	Lower	Upper
244	100		
212	28.2	23.7	35.5
122	8.0	7.9	11.9

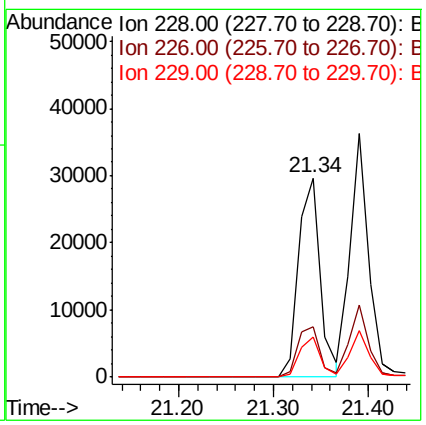


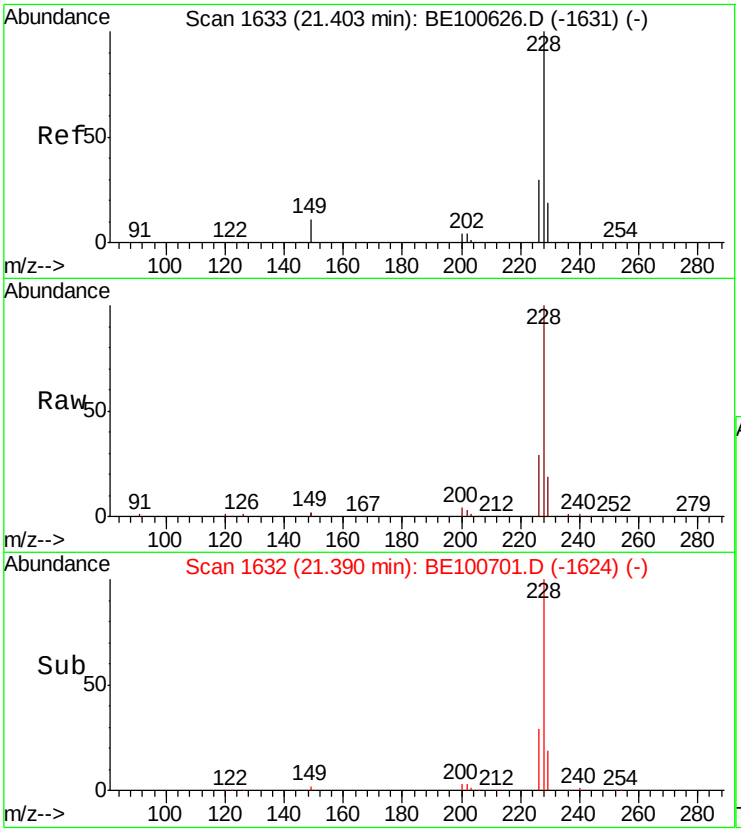


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:228 Resp: 46488

Ion	Ratio	Lower	Upper
228	100		
226	25.4	21.4	32.0
229	20.2	16.0	24.0



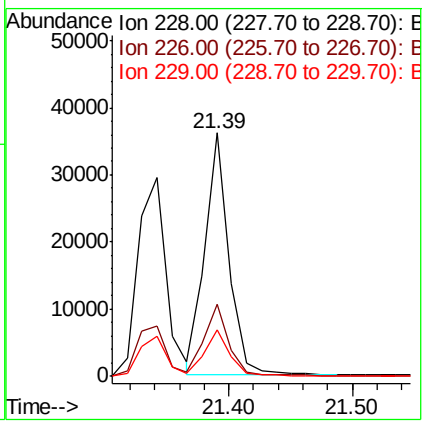


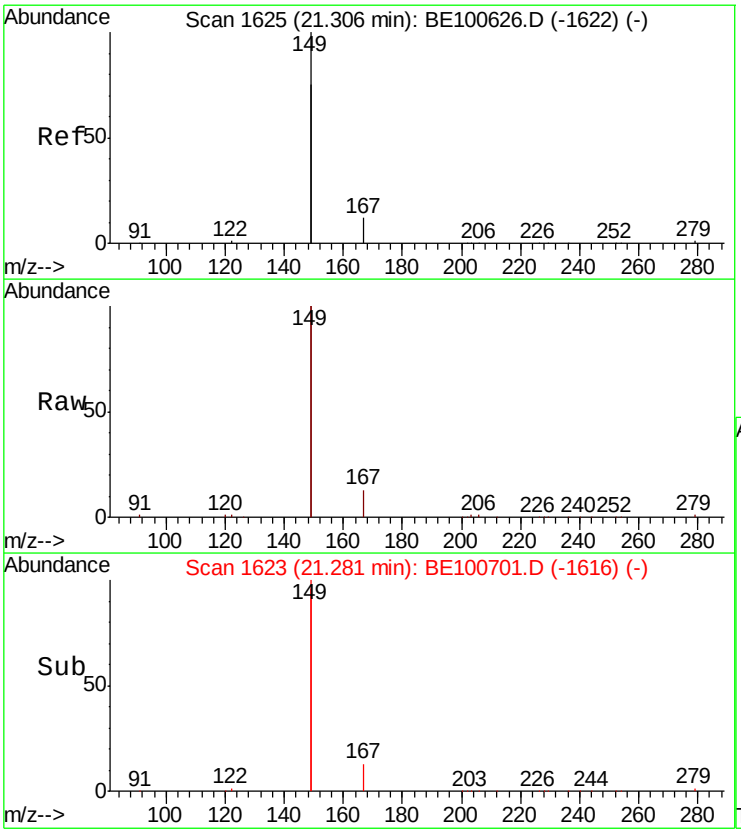
#31
Chrysene
Concen: 0.381 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 48676

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	19.2	15.8	23.8

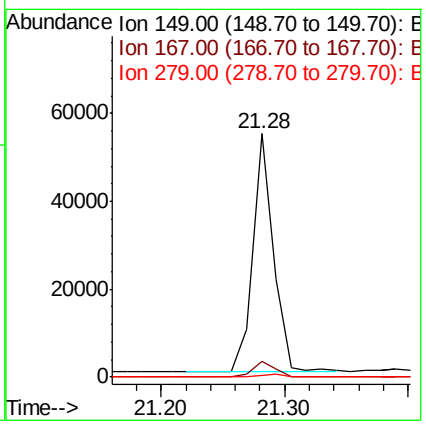


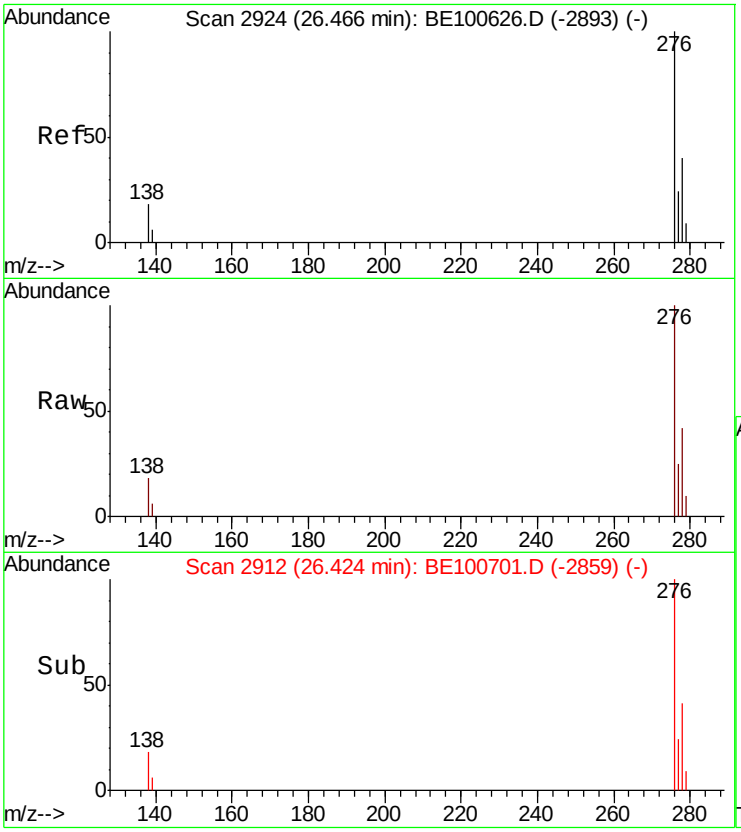


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.237 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:149 Resp: 63410

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



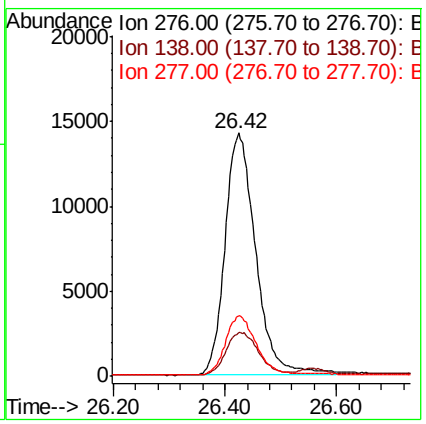


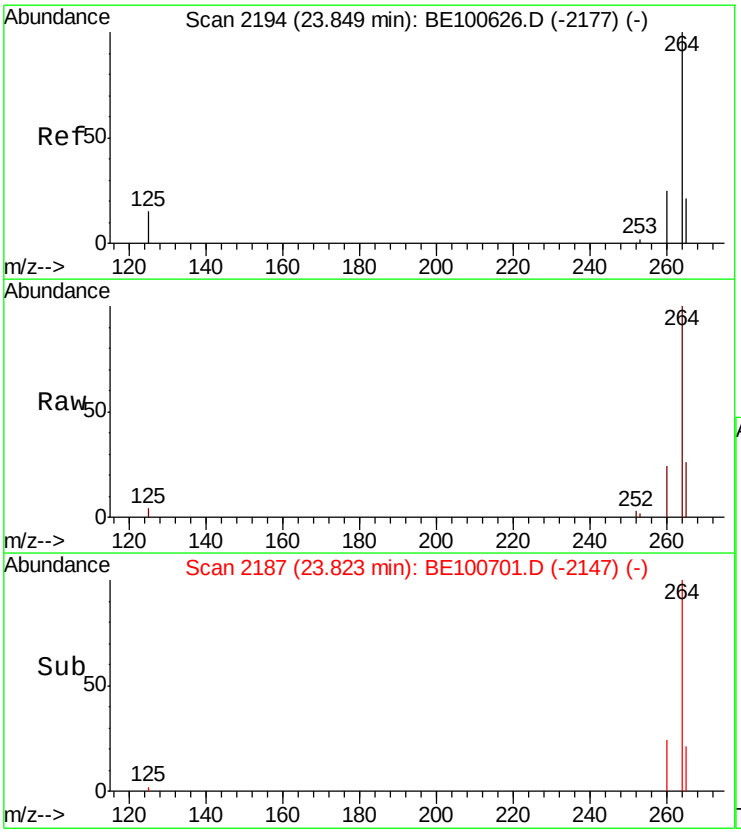
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng
RT: 26.42 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 54630

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.3	22.9
277	24.5	19.4	29.2

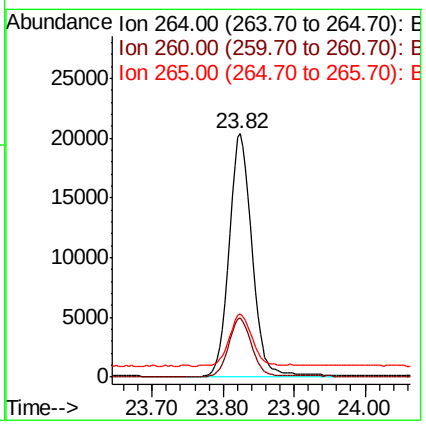


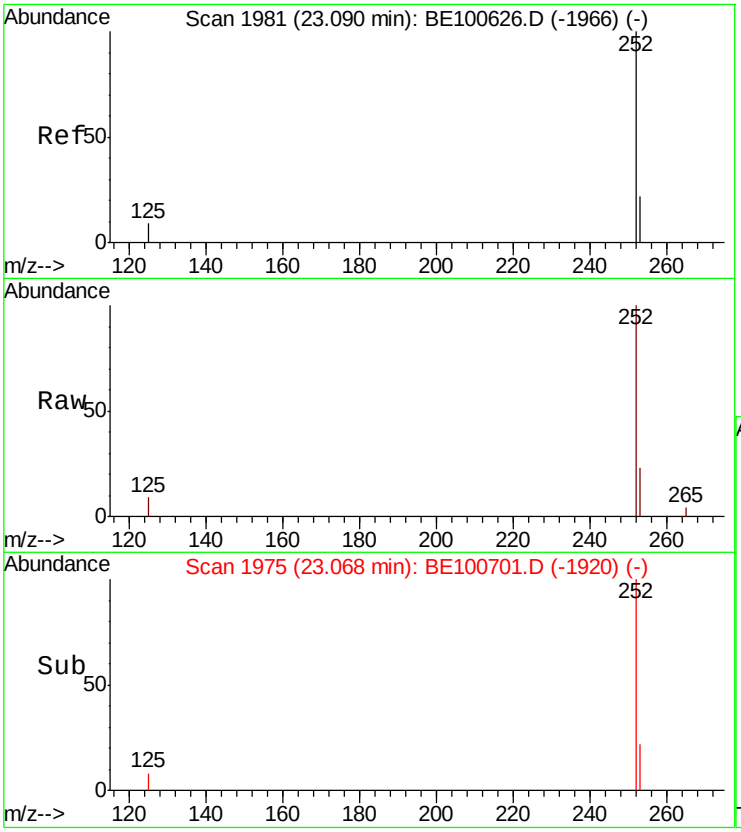


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:264 Resp: 45186

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	25.9	21.7	32.5



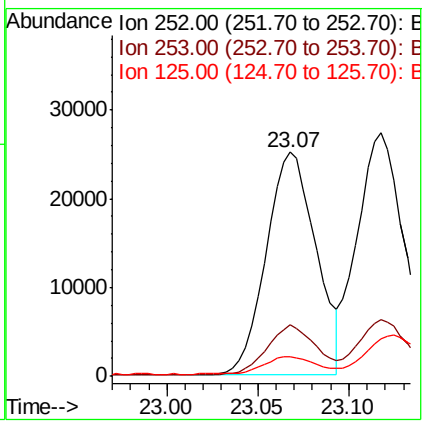


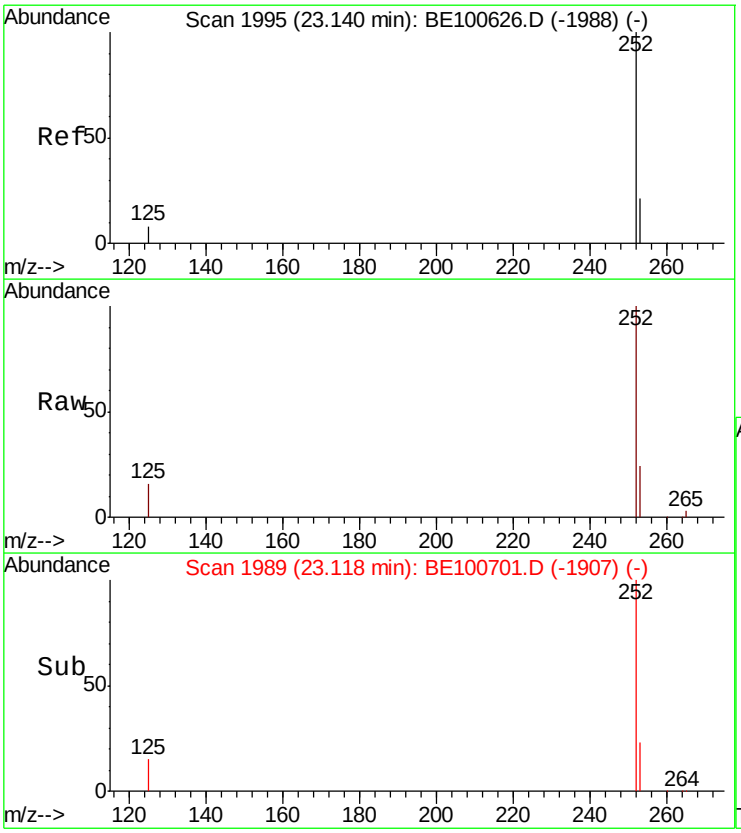
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 47689

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	9.0	7.6	11.4

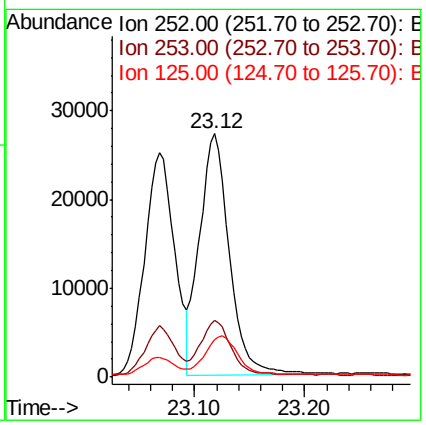


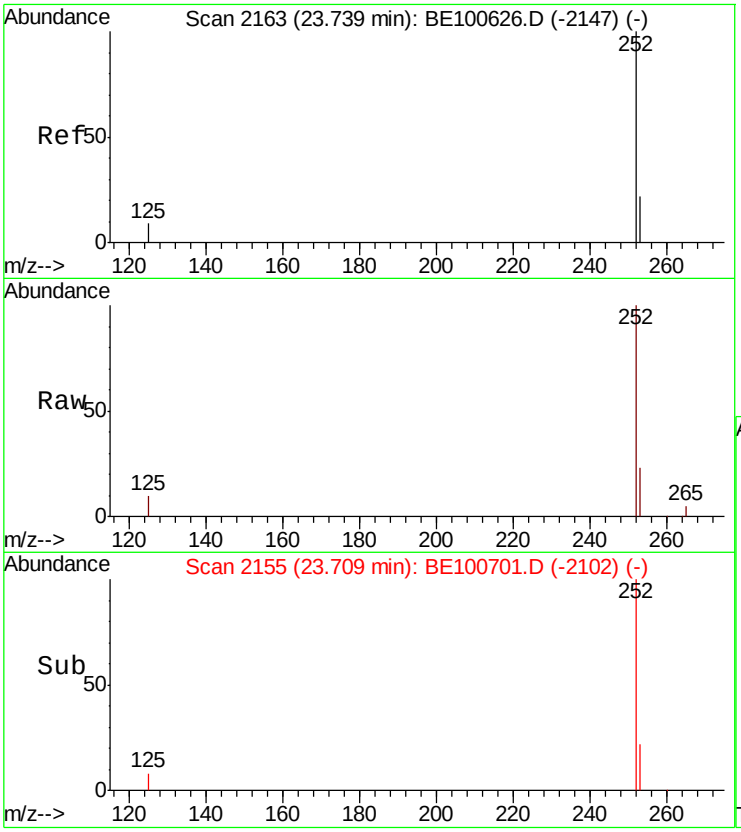


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:252 Resp: 51096

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	15.6	11.6	17.4



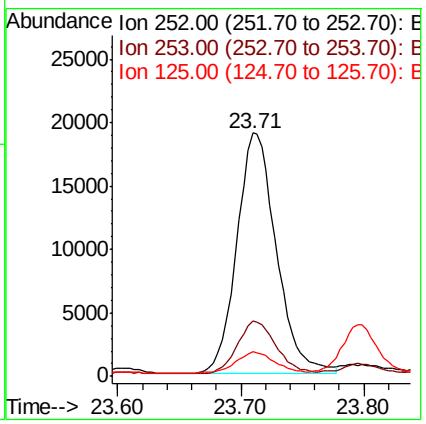


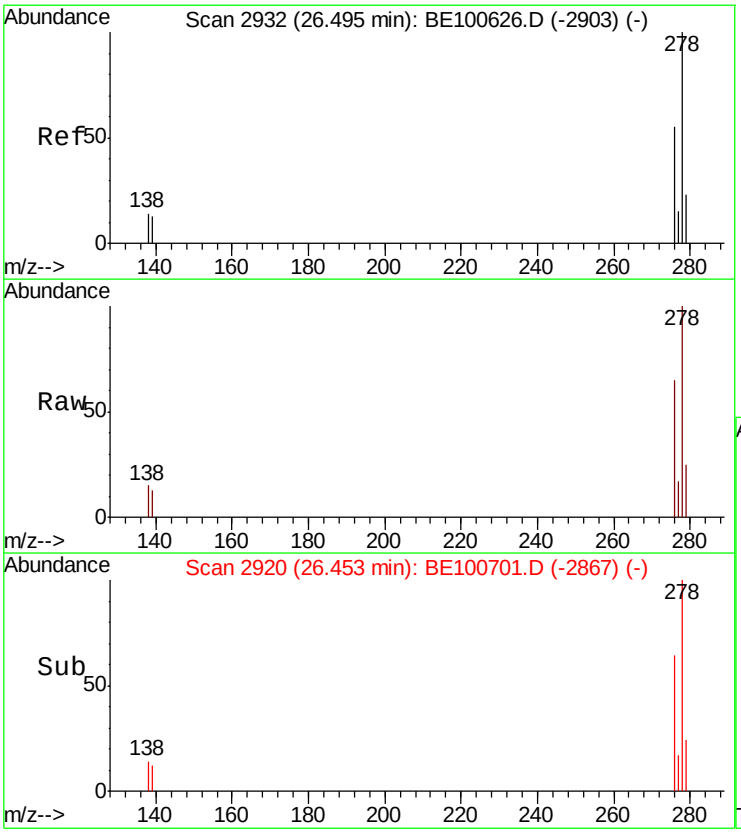
#37
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.71 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 42332

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	9.9	8.2	12.4

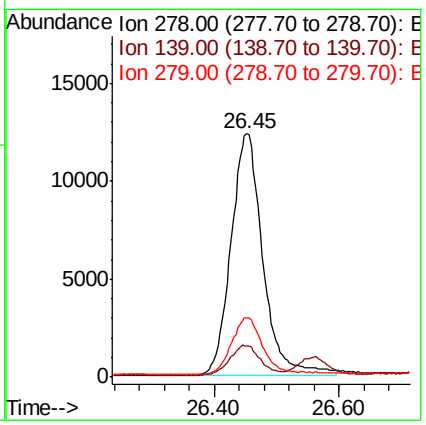


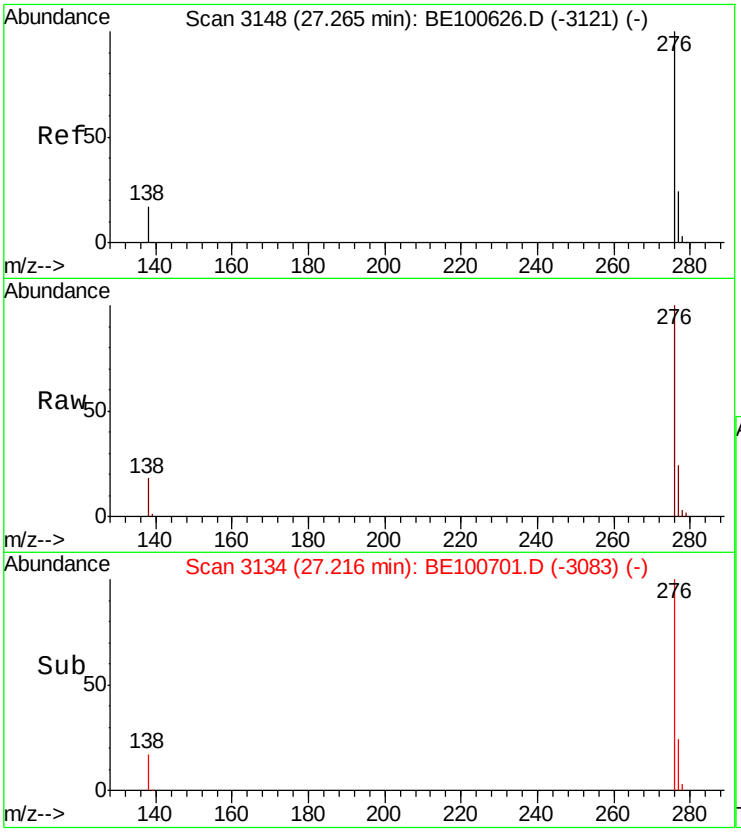


#38
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 26.45 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Tgt Ion:278 Resp: 44101

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.9	16.3
279	24.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.22 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BE100701.D
Acq: 7 Nov 2019 14:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 48032

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	17.5	13.6	20.4