Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100319\
Data File : BEICV4.D
Acq On : 3 Oct 2019 21:04
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE100319

Quant Time: Oct 04 09:18:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 19:01:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3277	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	14726	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	8663	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	20150	0.40	ng		0.00
27) Chrysene-d12	21.34	240	26885	0.40	ng		-0.01
34) Perylene-d12	23.81	264	32240	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	3258	0.37	ng		-0.01
5) Phenol-d6	6.99	99	3958	0.36	ng		0.00
8) Nitrobenzene-d5	8.98	82	3278	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	8510	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	690	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	12119	0.39	ng		0.00
25) Fluoranthene-d10	19.21	212	91605	0.37	ng		0.00
29) Terphenyl-d14	19.80	244	22944	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2226	0.403	ng		96
3) n-Nitrosodimethylamine	3.62	42	916	0.353	ng	#	88
6) bis(2-Chloroethyl)ether	7.25	93	3866	0.375	ng		99
9) Naphthalene	10.67	128	59733	0.393	ng		100
10) Hexachlorobutadiene	10.96	225	1960	0.400	ng		99
12) 2-Methylnaphthalene	12.28	142	9563	0.383	ng		99
16) Acenaphthylene	14.18	152	13585	0.369	ng		100
17) Acenaphthene	14.53	154	9310	0.378	ng		99
18) Fluorene	15.49	166	11860	0.377	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	3626	0.363	ng		96
21) Hexachlorobenzene	16.51	284	3224	0.384	ng		99
22) Pentachlorophenol	16.85	266	484	0.464	ng		95
23) Phenanthrene	17.23	178	22289	0.389	ng		99
24) Anthracene	17.32	178	17910	0.363	ng		99
26) Fluoranthene	19.24	202	26821	0.380	ng		100
28) Pyrene	19.60	202	27749	0.403	ng		100
30) Benzo(a)anthracene	21.33	228	28596	0.380	ng		99
31) Chrysene	21.38	228	31608	0.393	ng		96
32) Bis(2-ethylhexyl)phthalate	21.27	149	47054	0.328	ng		100
33) Indeno(1,2,3-cd)pyrene	26.41	276	36380	0.384	ng		97
35) Benzo(b)fluoranthene	23.06	252	31240	0.358	ng		100
36) Benzo(k)fluoranthene	23.10	252	37174	0.374	ng		99
37) Benzo(a)pyrene	23.70	252	29109	0.363	ng		99
38) Dibenzo(a,h)anthracene	26.43	278	30377	0.360	ng		99
39) Benzo(g,h,i)perylene	27.20	276	31627	0.370	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100319\
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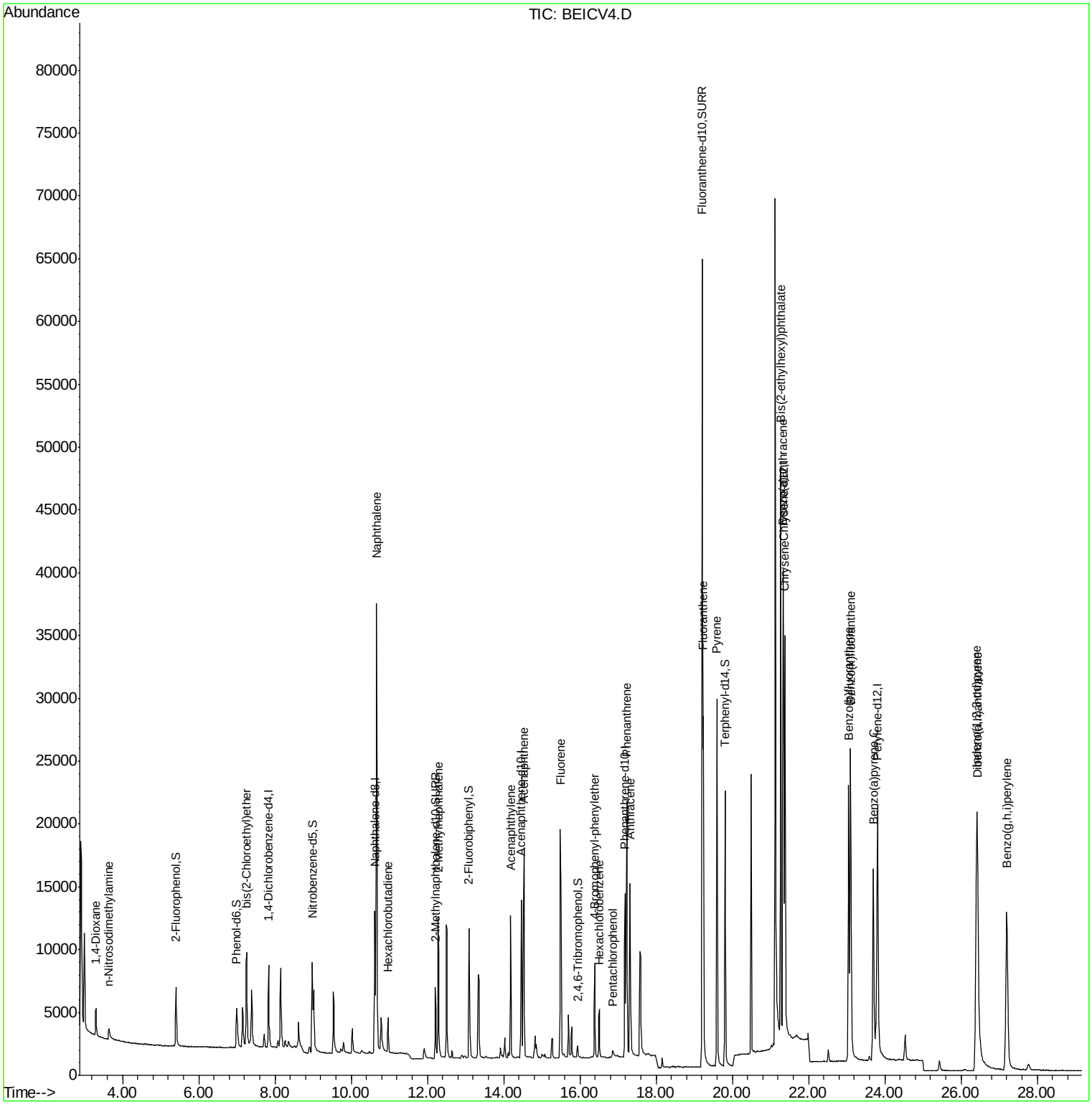
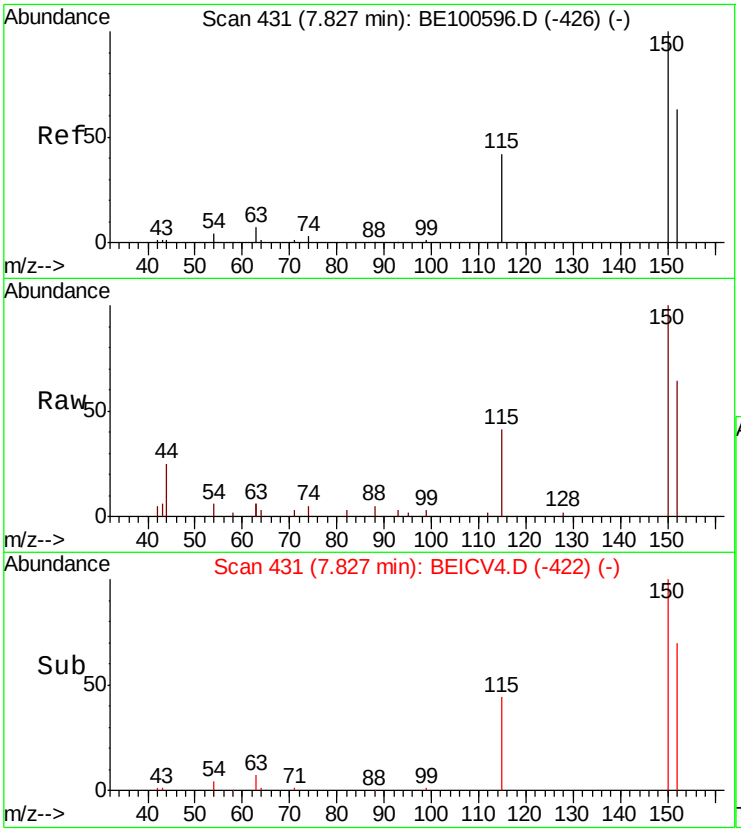
Acq On : 3 Oct 2019 21:04
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Quant Time: Oct 04 09:18:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 19:01:47 2019
Response via : Initial Calibration



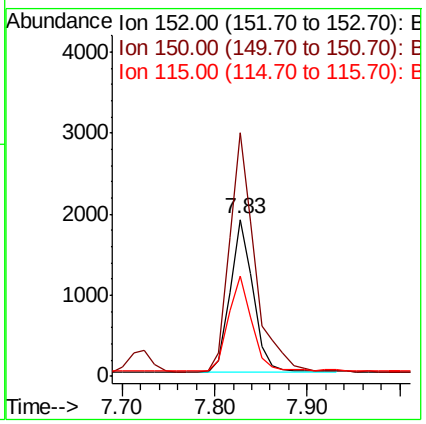


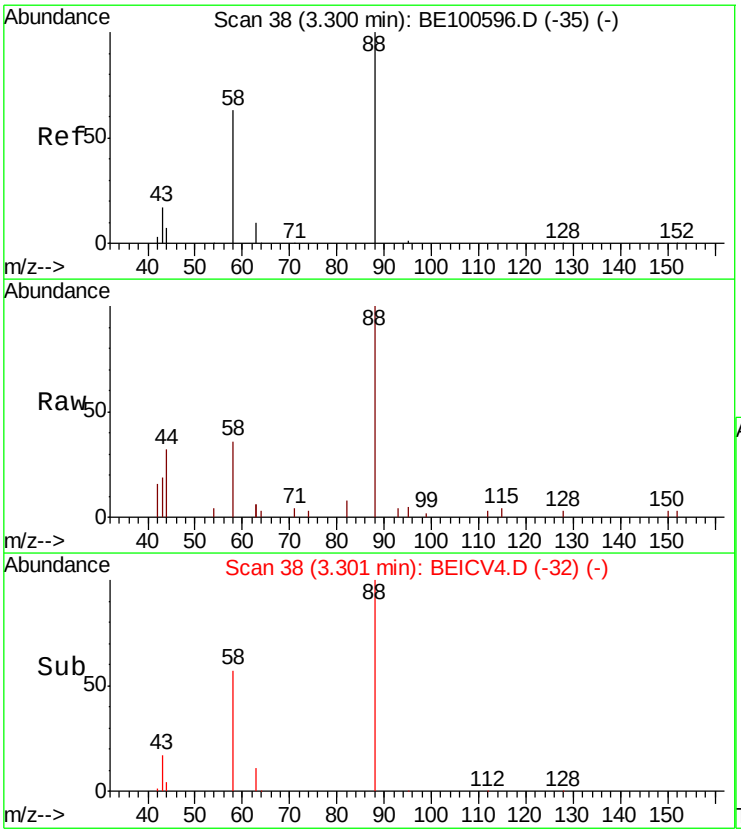
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:152 Resp: 3277

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.5	189.7
115	64.2	54.6	81.8

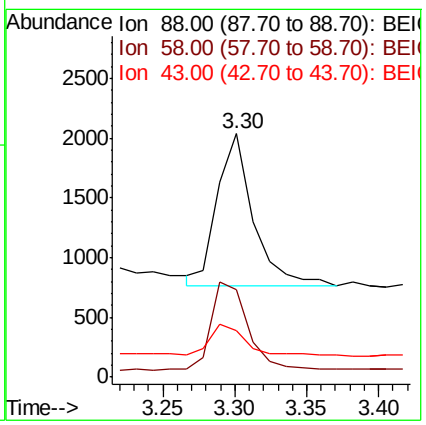


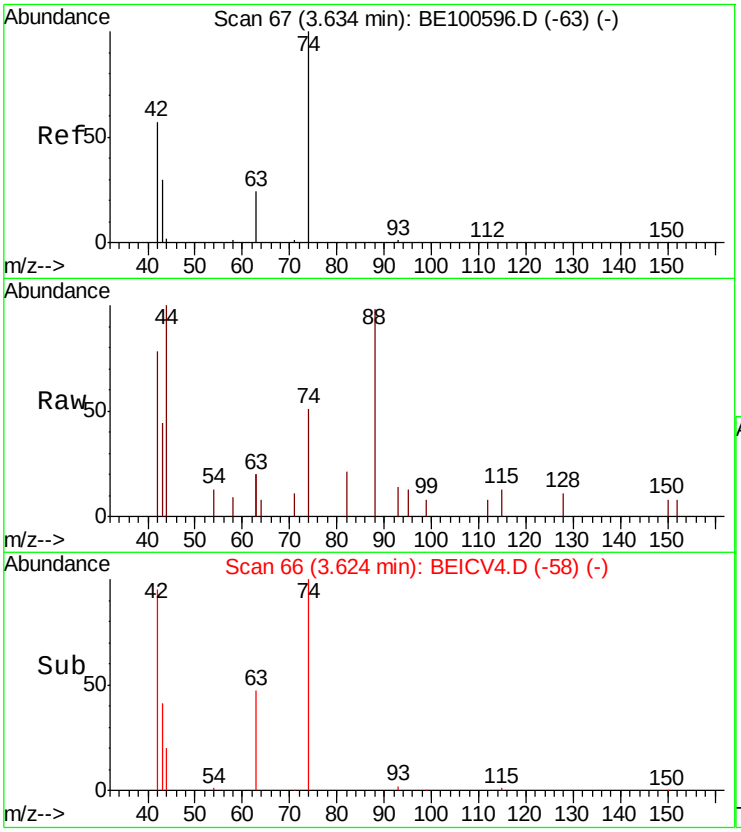


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion: 88 Resp: 2226

Ion	Ratio	Lower	Upper
88	100		
58	57.2	48.1	72.1
43	20.1	14.4	21.6

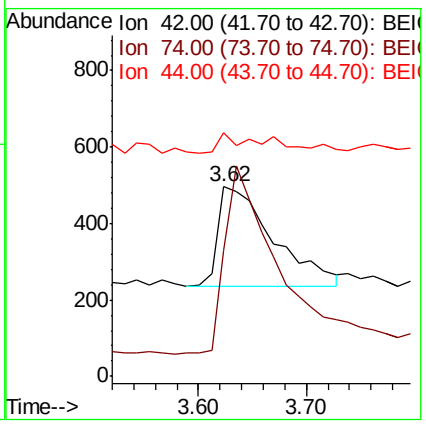




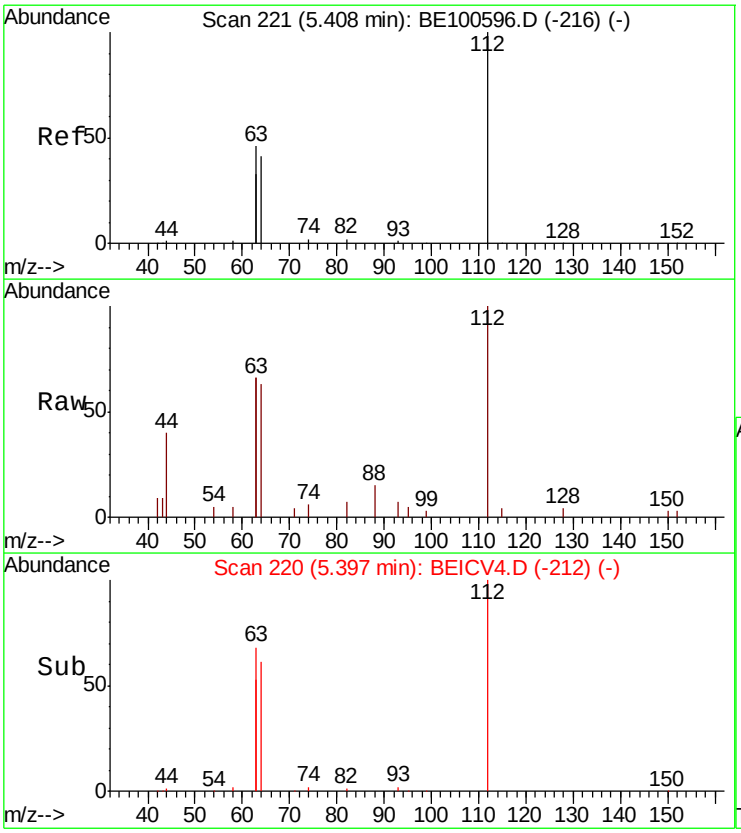
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion: 42 Resp: 916

Ion	Ratio	Lower	Upper
42	100		
74	186.5	136.2	204.2
44	17.5	7.4	11.0#



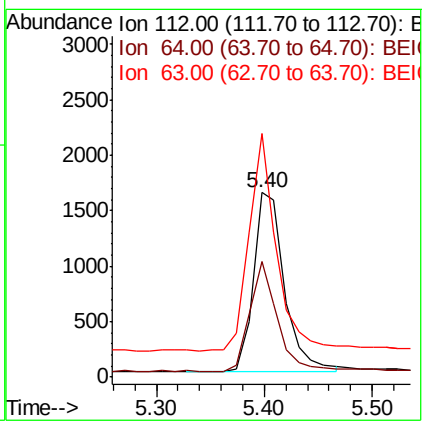
Instrument :
BNA_E
ClientSampleId :
ICVBE100319

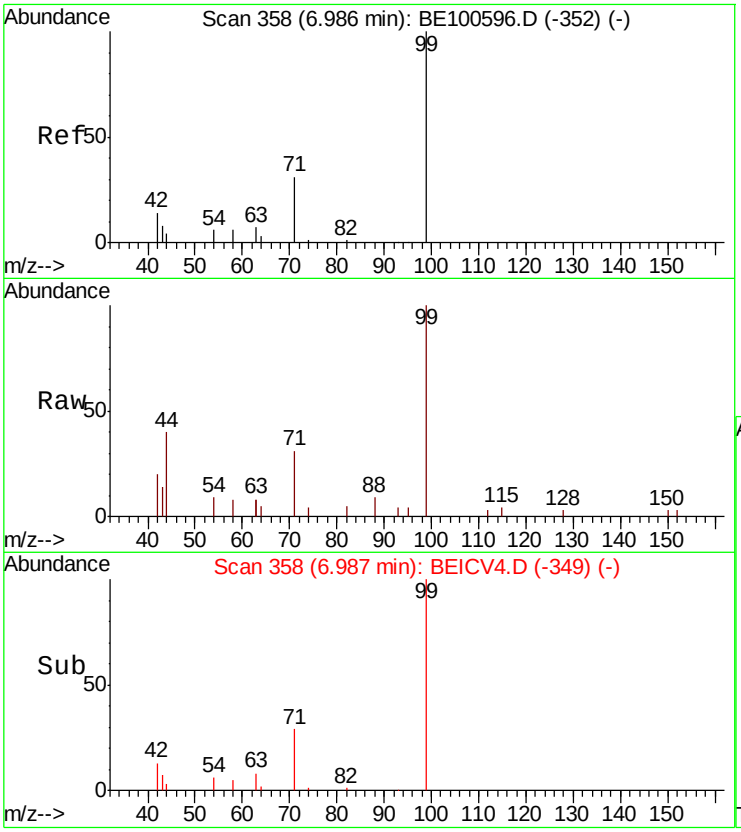


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:112 Resp: 3258

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.7	65.5
63	105.2	84.5	126.7



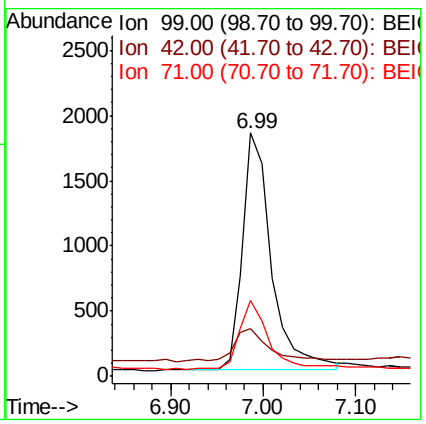


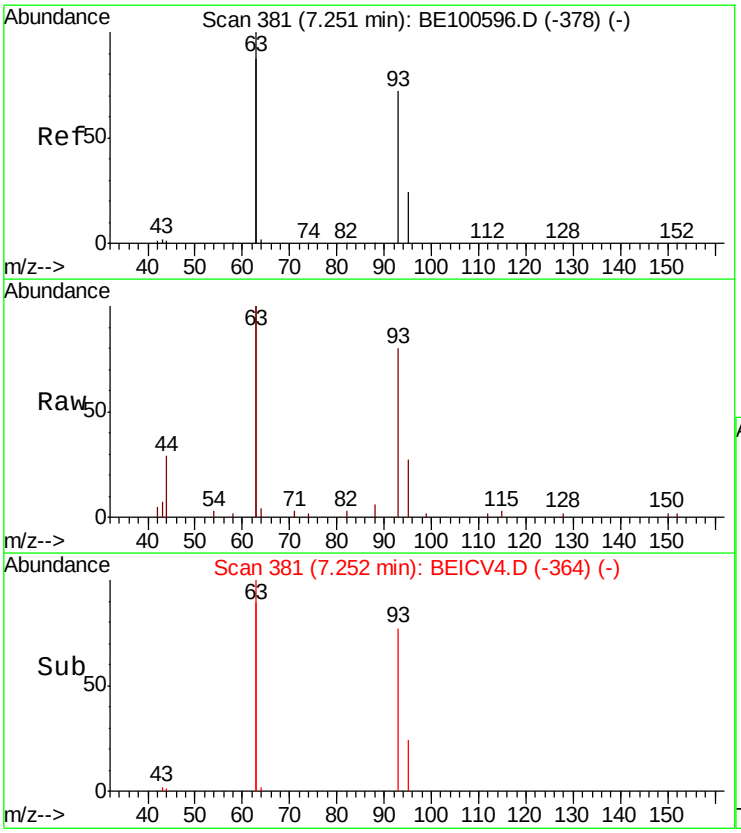
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion: 99 Resp: 3958

Ion	Ratio	Lower	Upper
99	100		
42	17.1	11.7	17.5
71	29.0	23.0	34.4

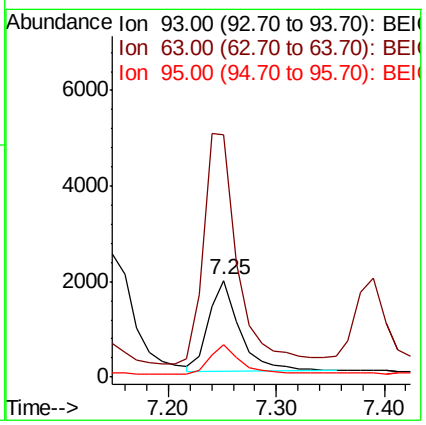


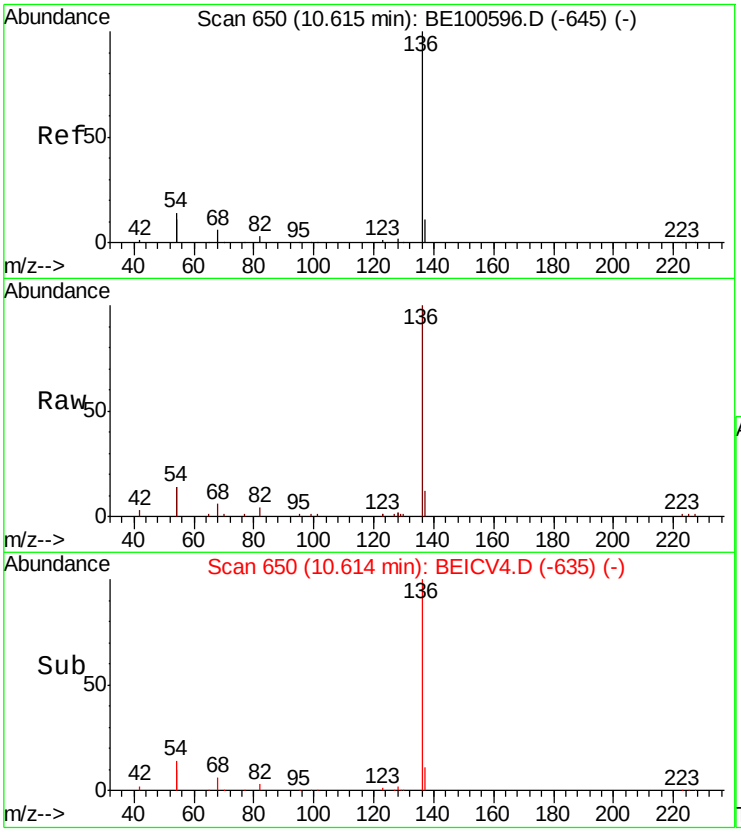


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion: 93 Resp: 3866

Ion	Ratio	Lower	Upper
93	100		
63	273.8	221.0	331.4
95	32.7	25.4	38.0



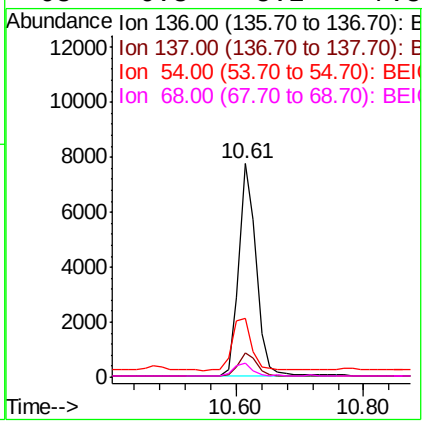


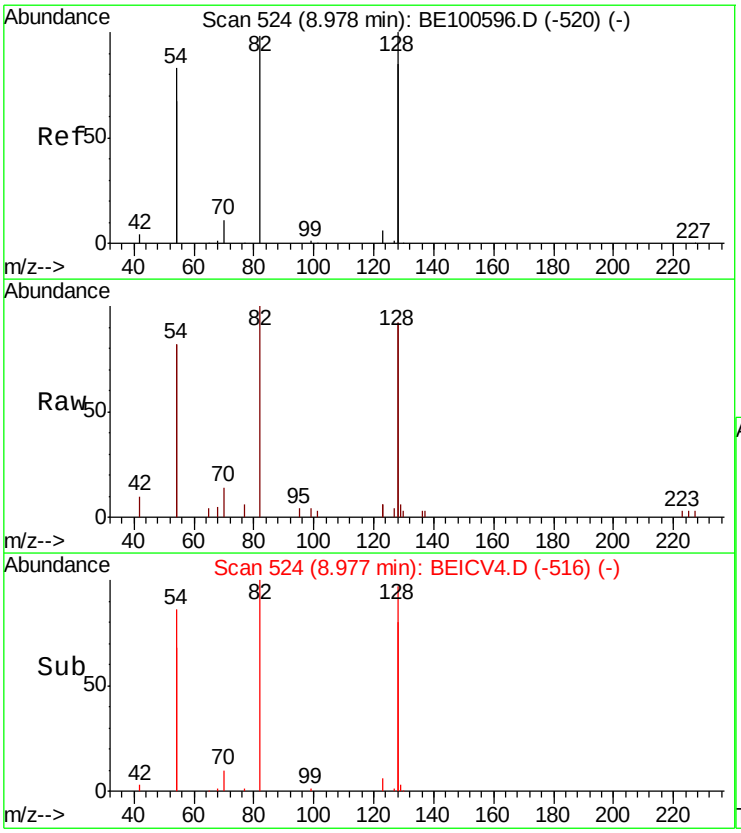
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:136 Resp: 14726

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	27.4	22.4	33.6
68	6.3	5.2	7.8

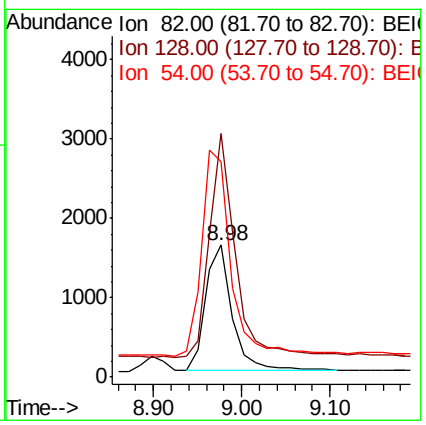


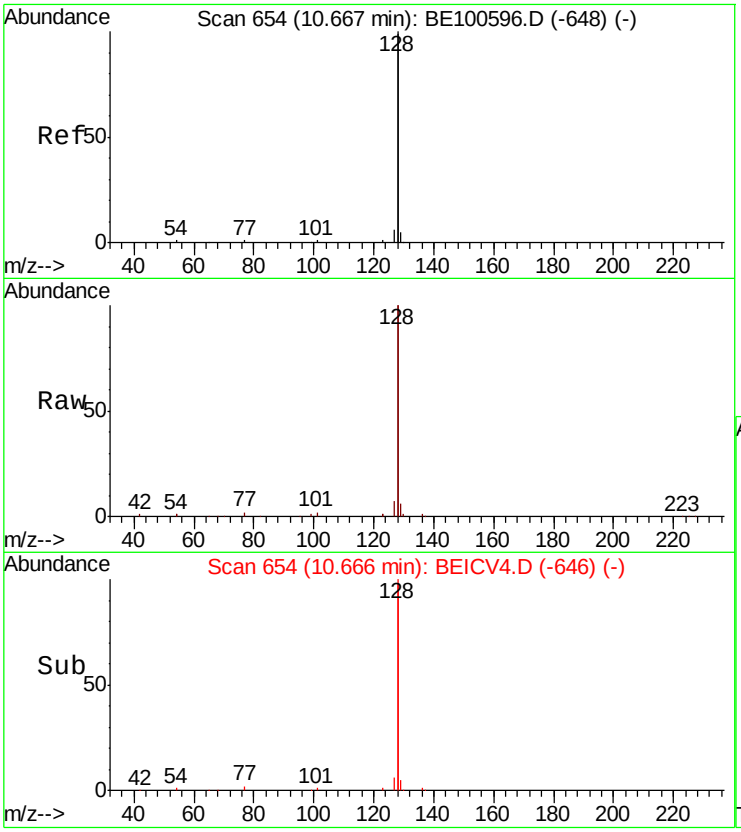


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion: 82 Resp: 3278

Ion	Ratio	Lower	Upper
82	100		
128	184.4	154.7	232.1
54	163.3	128.5	192.7

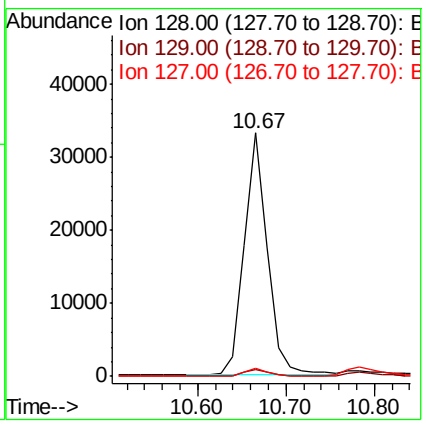




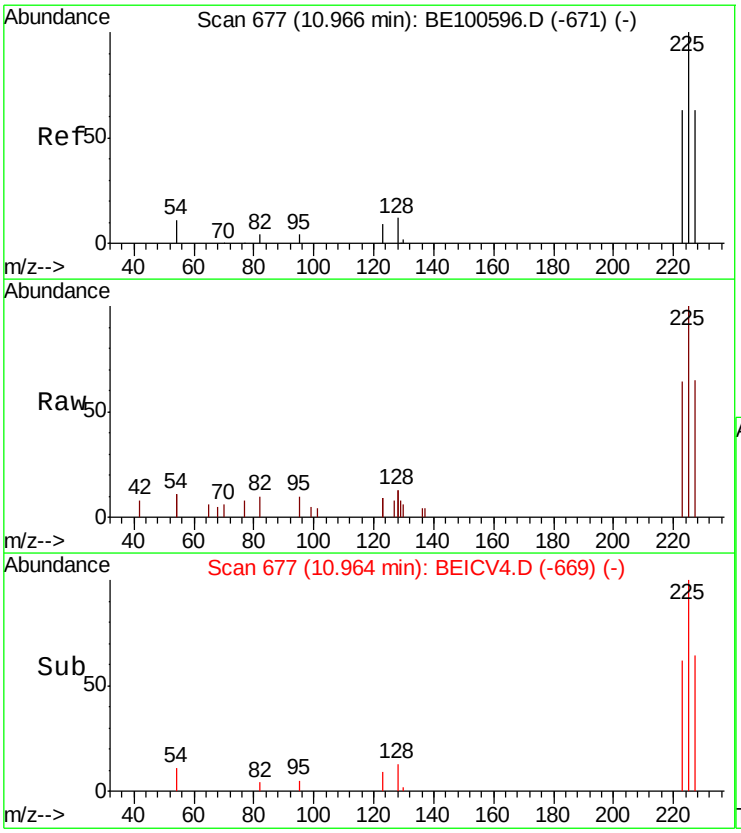
#9
Naphthalene
Concen: 0.393 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:128 Resp: 59733

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.4	2.6	4.0



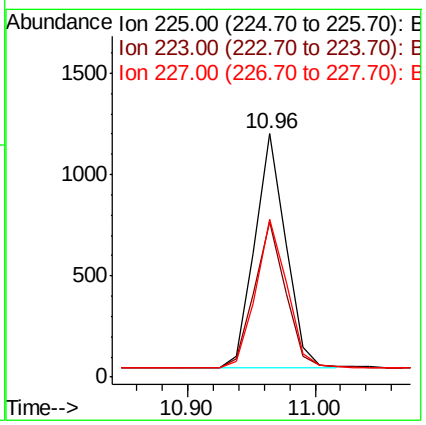
Instrument :
BNA_E
ClientSampleId :
ICVBE100319

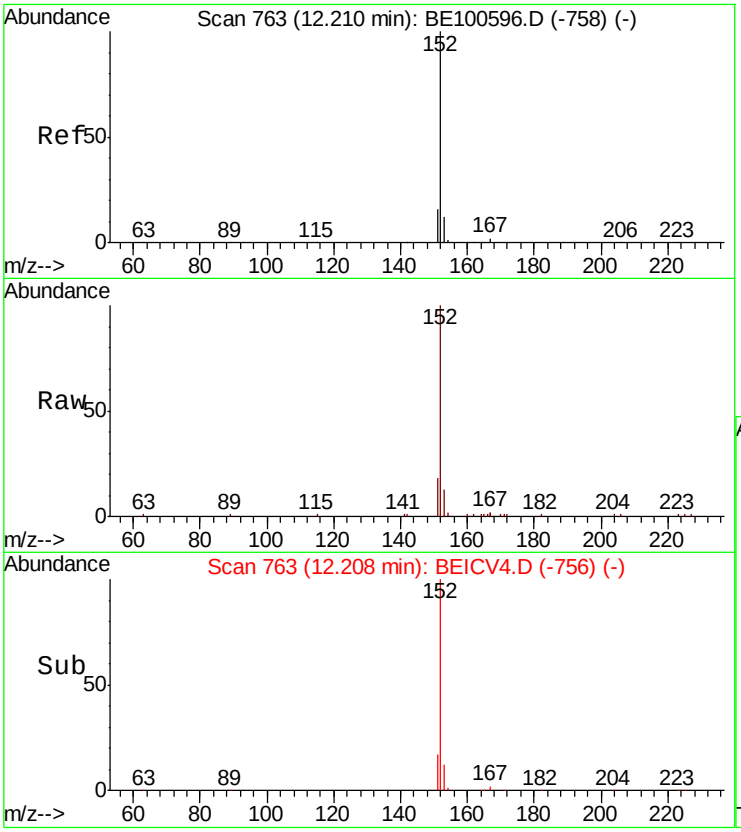


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:225 Resp: 1960

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	63.8	50.1	75.1



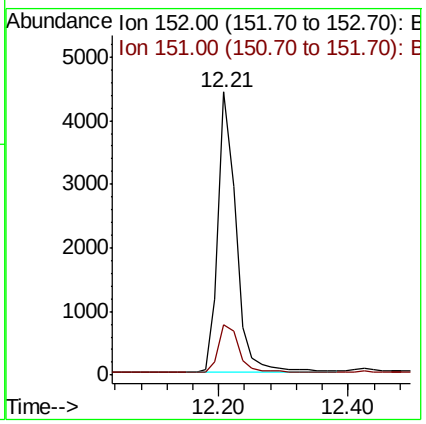


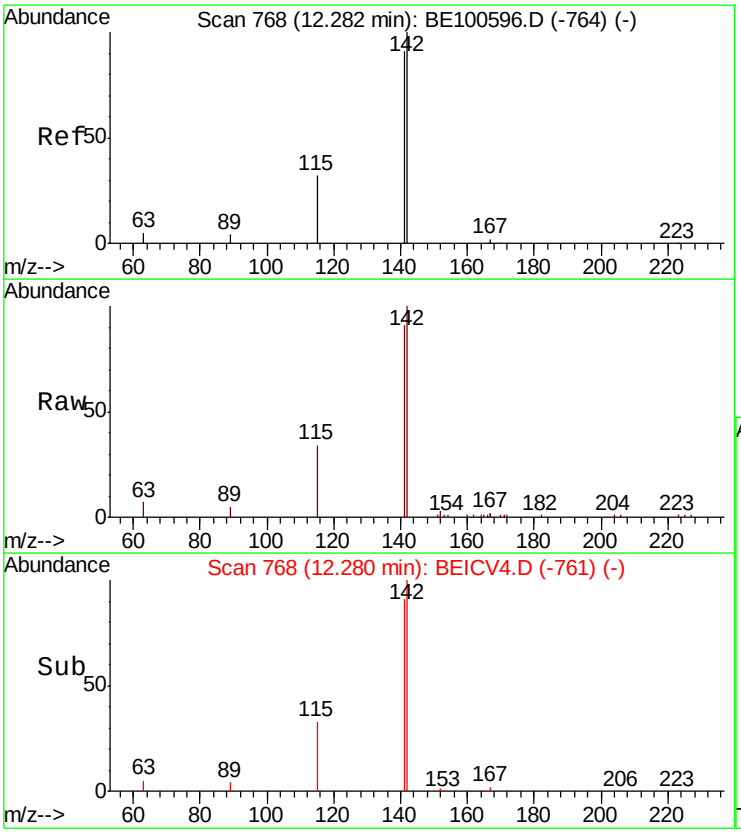
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:152 Resp: 8510

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

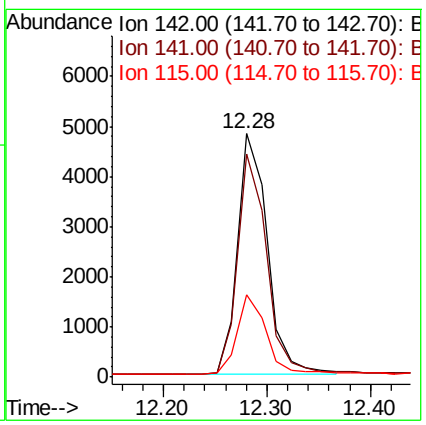


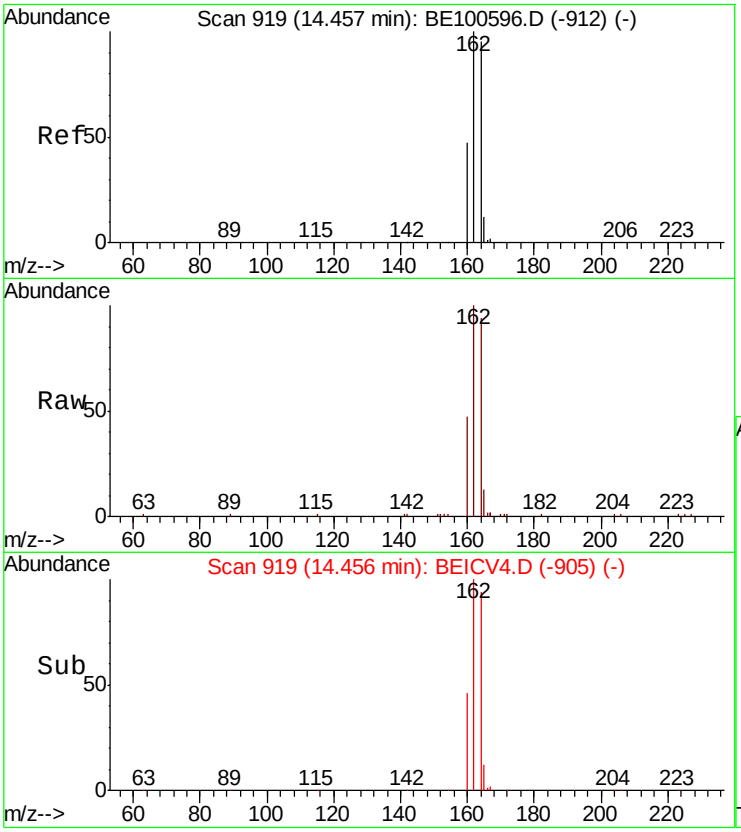


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:142 Resp: 9563

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8
115	33.6	26.6	40.0



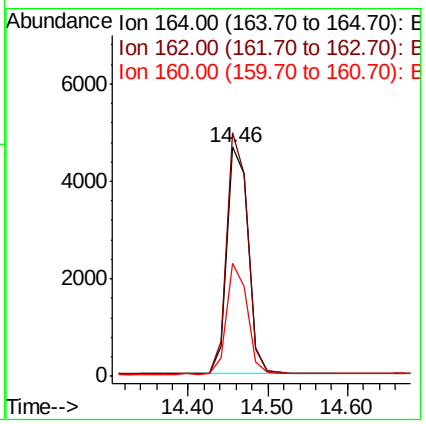


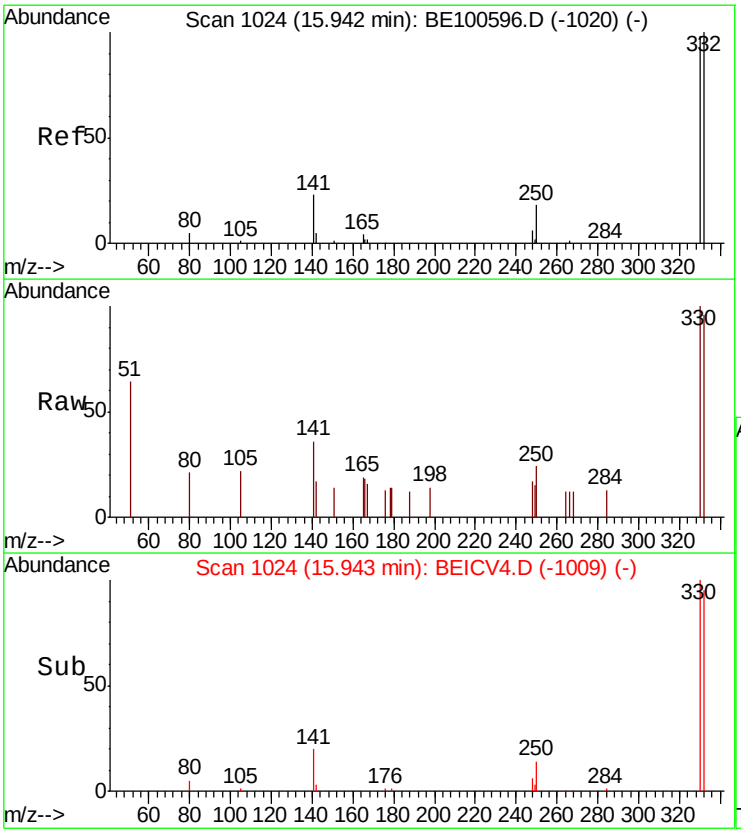
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:164 Resp: 8663

Ion	Ratio	Lower	Upper
164	100		
162	106.3	84.2	126.4
160	49.6	40.2	60.4

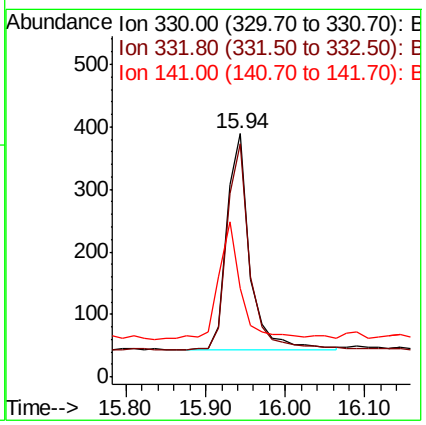


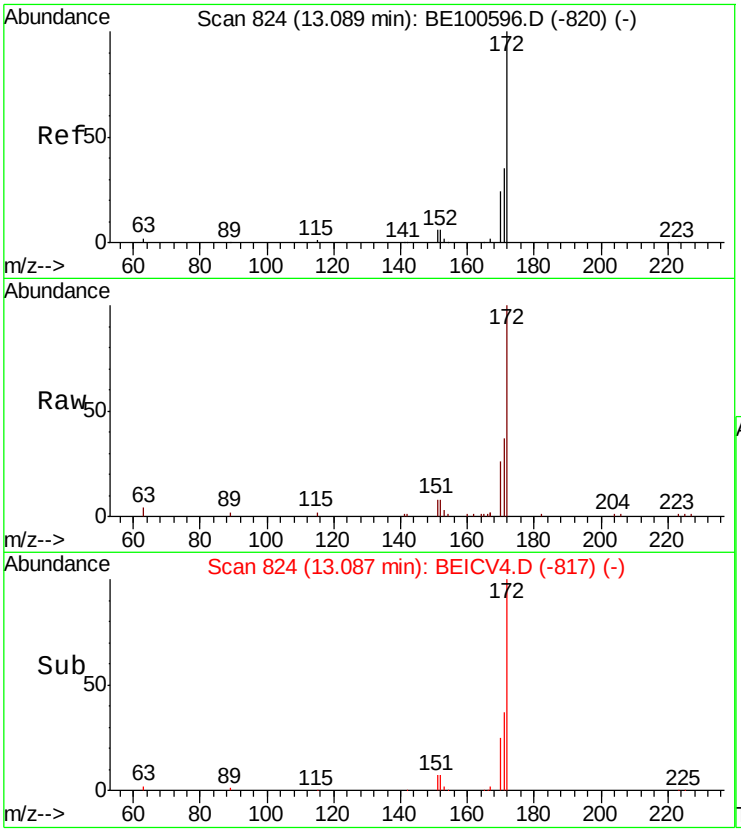


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:330 Resp: 690

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.5	117.7
141	56.2	39.4	59.0



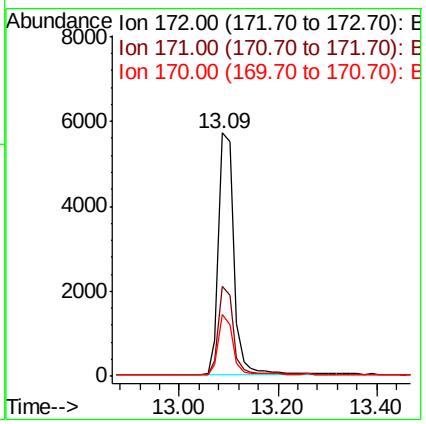


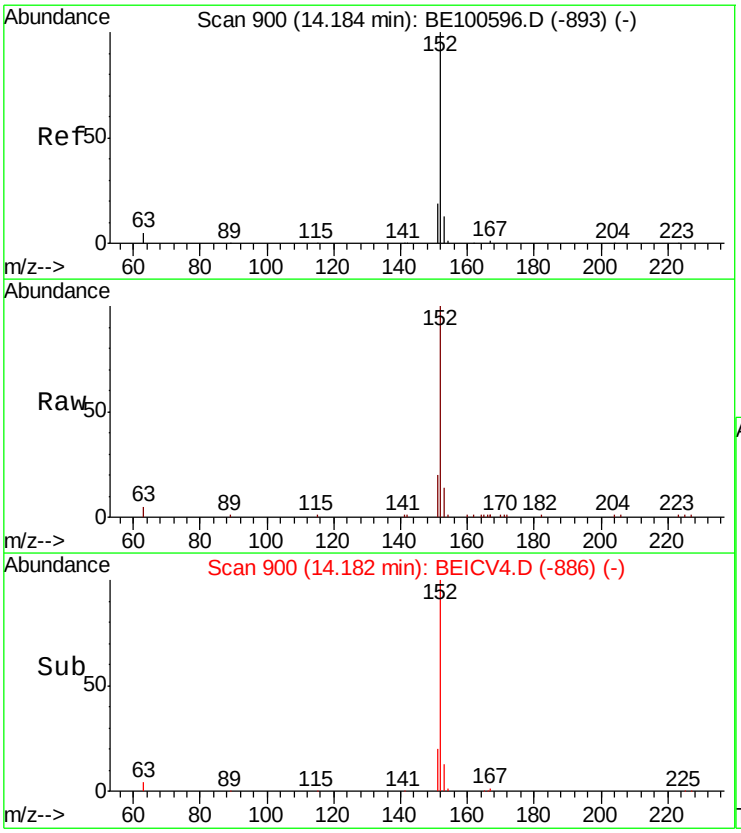
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:172 Resp: 12119

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.7	43.1
170	25.6	19.8	29.8

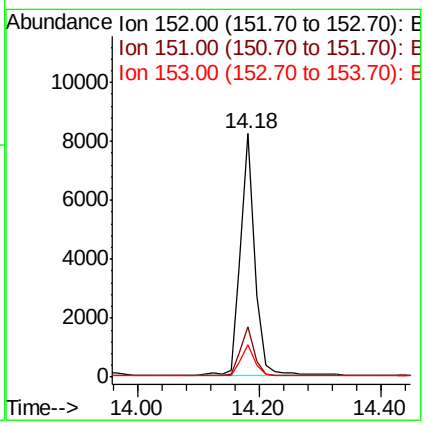


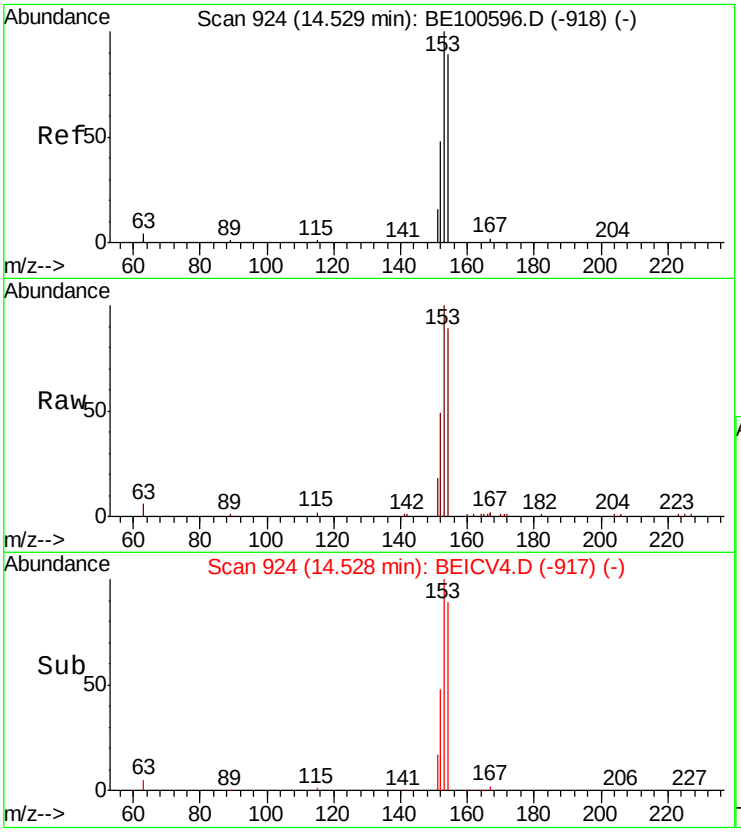


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:152 Resp: 13585

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.4	15.6



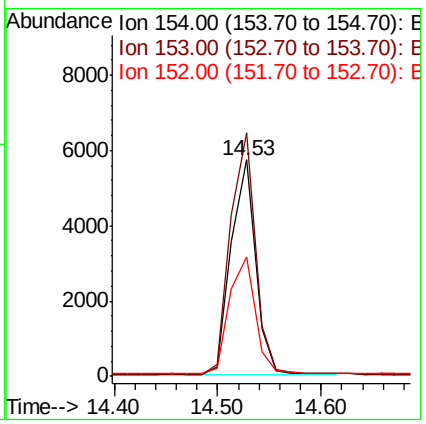


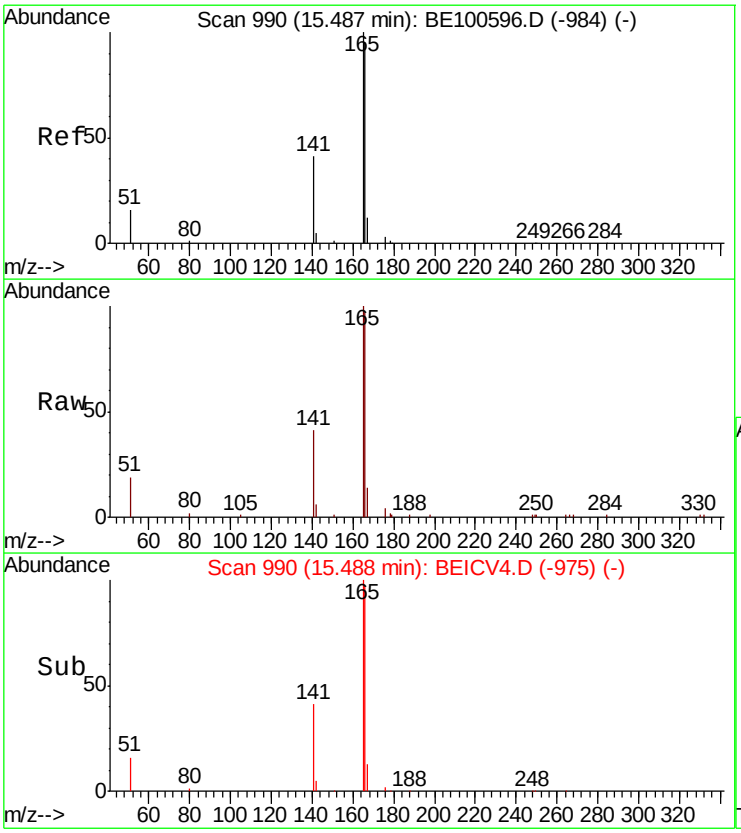
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:154 Resp: 9310

Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.3	138.5
152	58.6	46.2	69.2

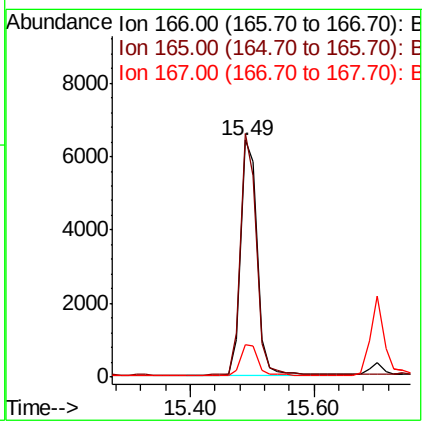


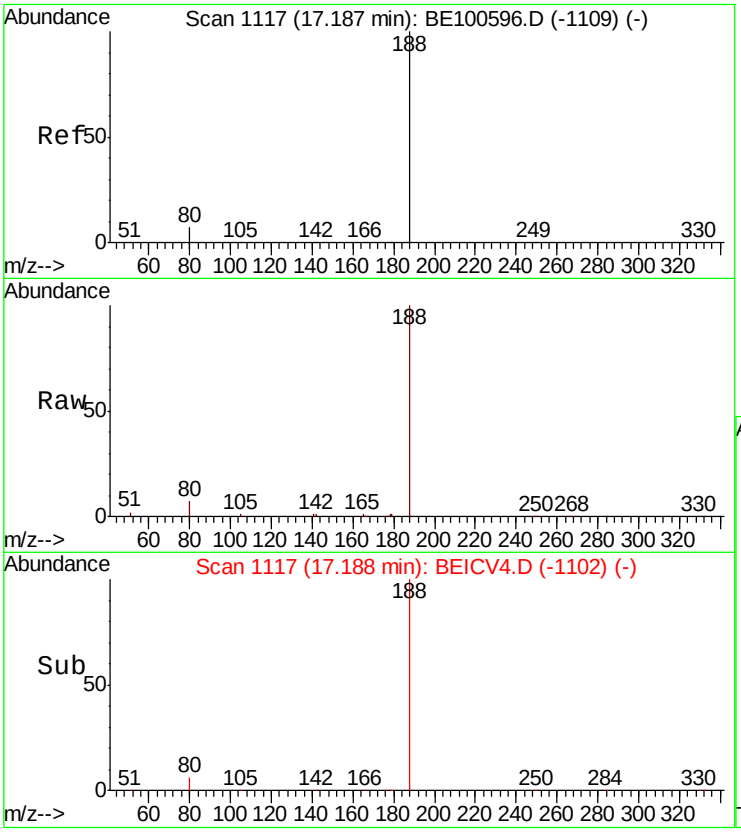


#18
Fluorene
Concen: 0.377 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:166 Resp: 11860

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.4	120.6
167	13.5	10.6	15.8



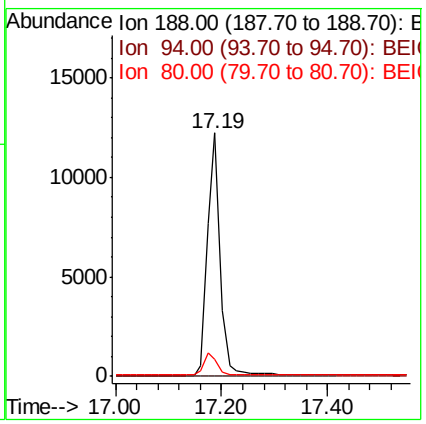


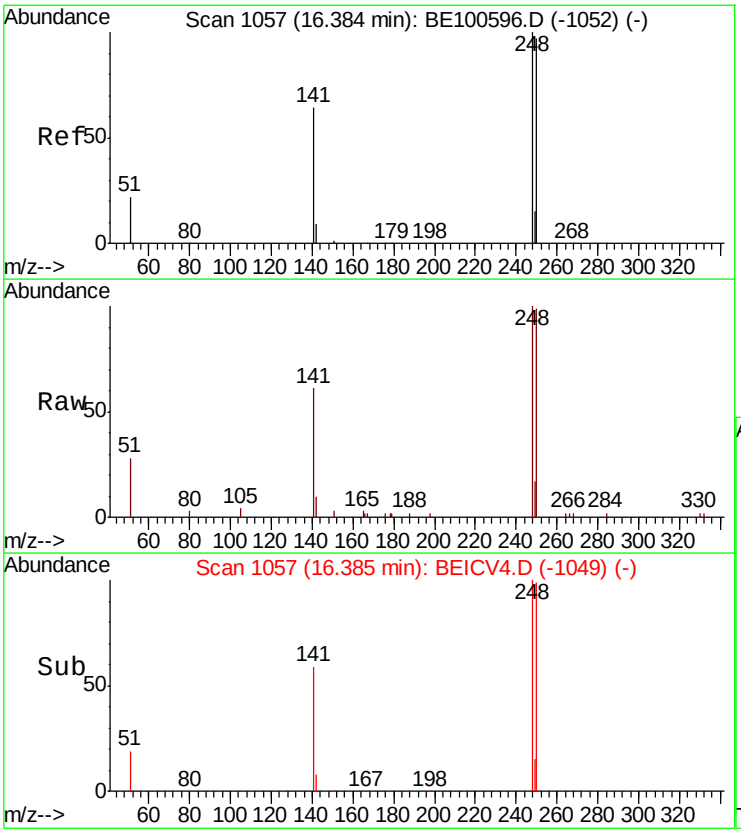
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:188 Resp: 20150

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.2	9.2

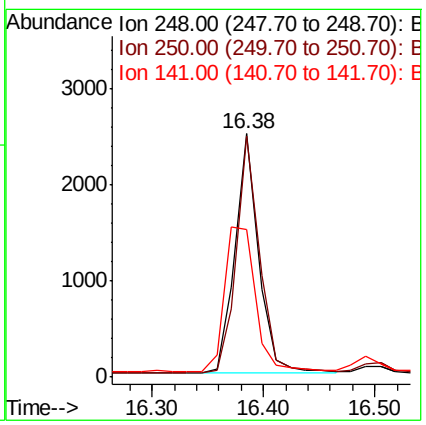


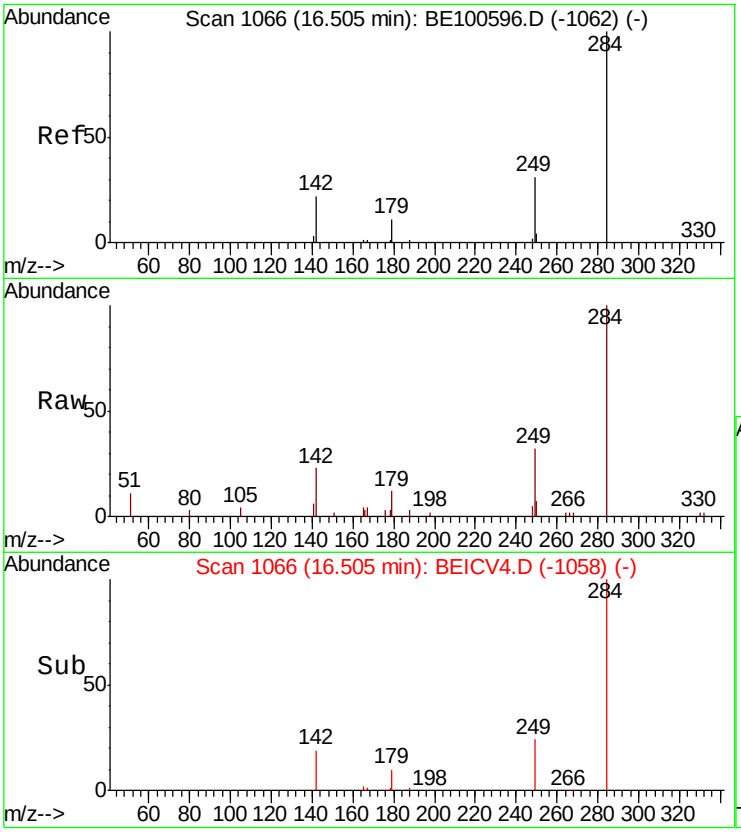


#20
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:248 Resp: 3626

Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.4	116.0
141	60.8	52.1	78.1



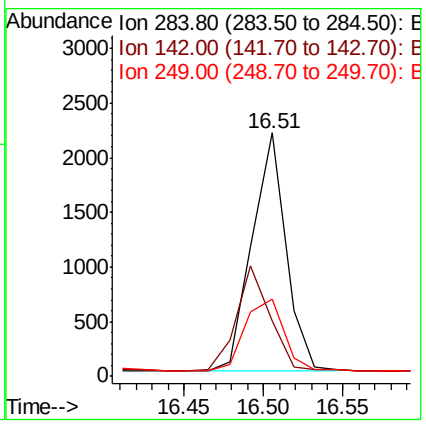


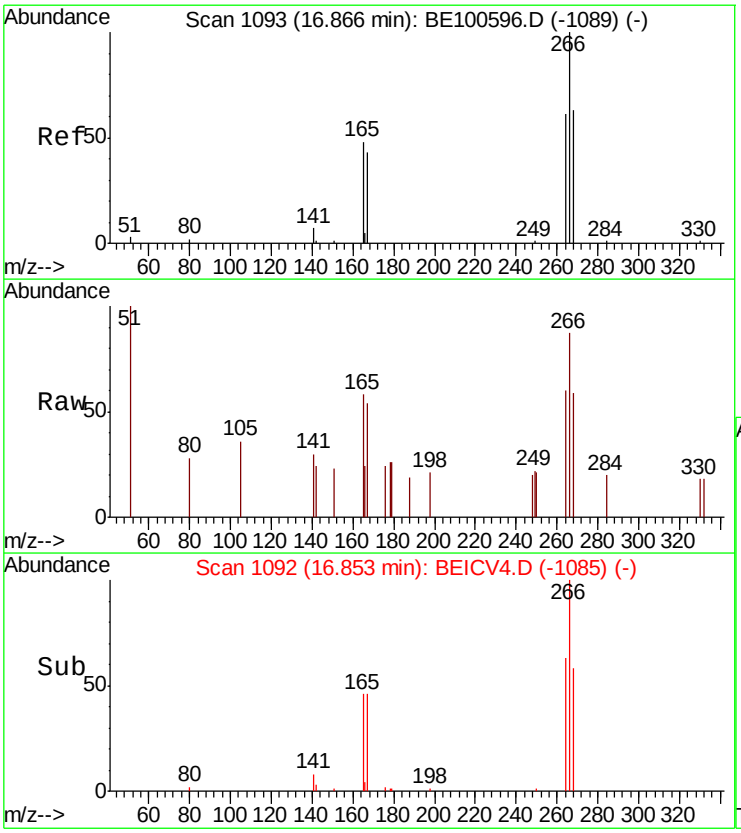
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:284 Resp: 3224

Ion	Ratio	Lower	Upper
284	100		
142	43.1	35.1	52.7
249	34.2	27.2	40.8

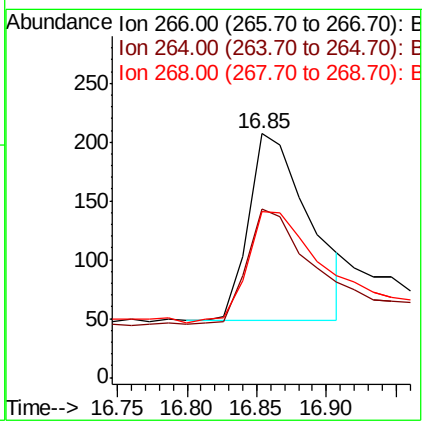


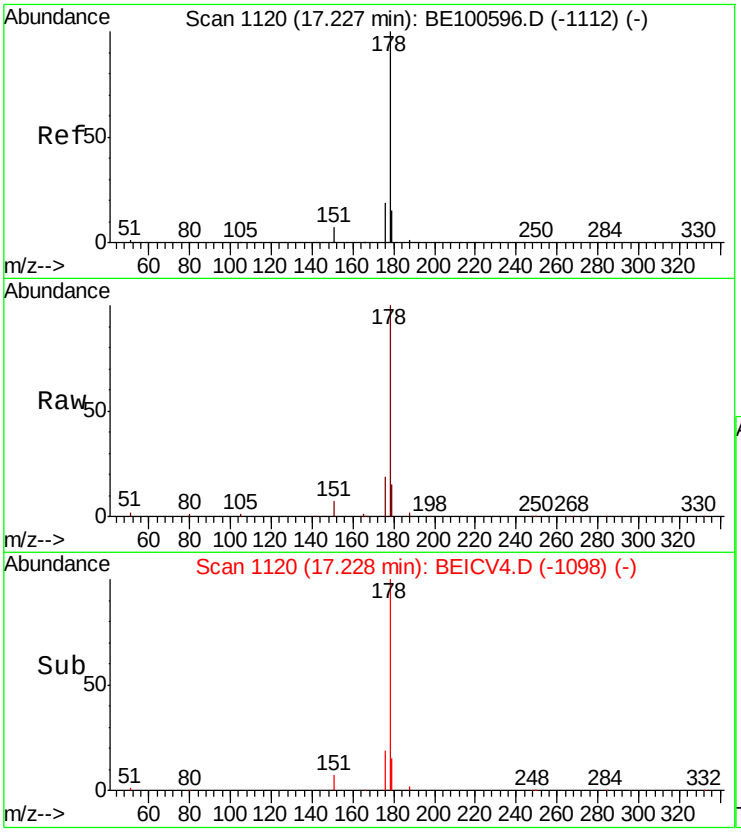


#22
Pentachlorophenol
Concen: 0.464 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:266 Resp: 484

Ion	Ratio	Lower	Upper
266	100		
264	69.1	56.3	84.5
268	68.1	60.3	90.5



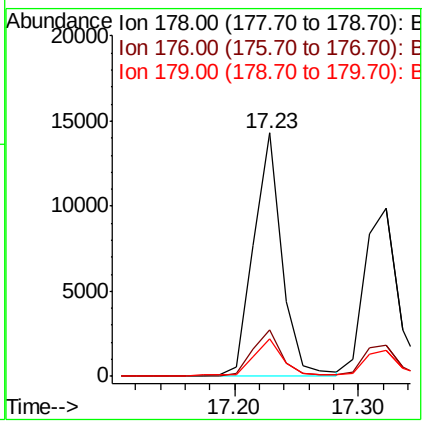


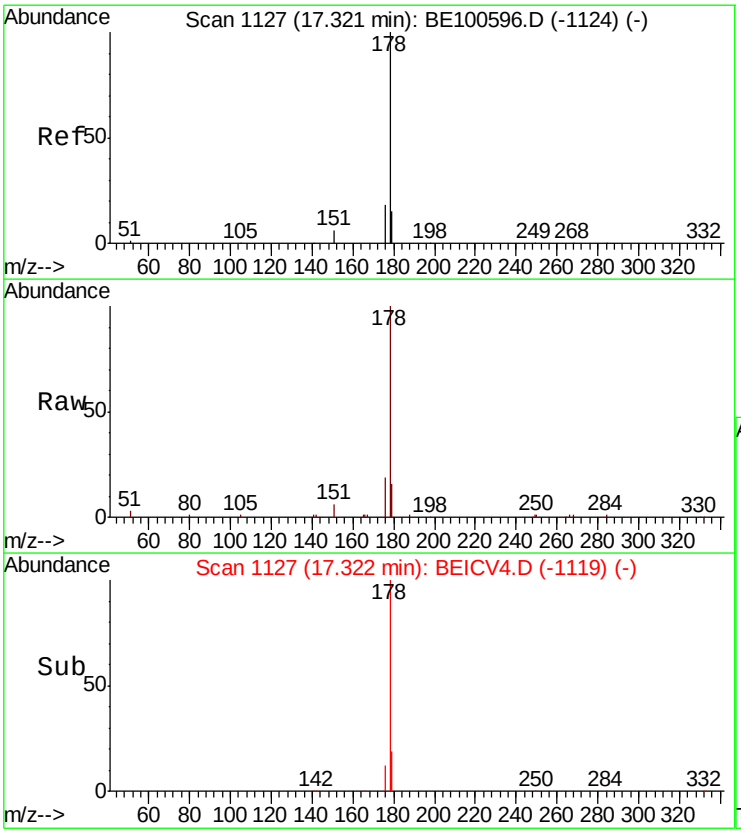
#23
Phenanthrene
Concen: 0.389 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:178 Resp: 22289

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.3	18.5

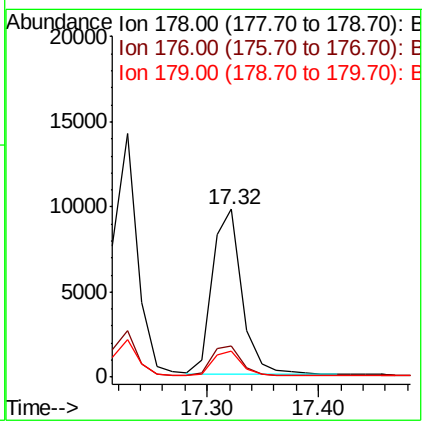


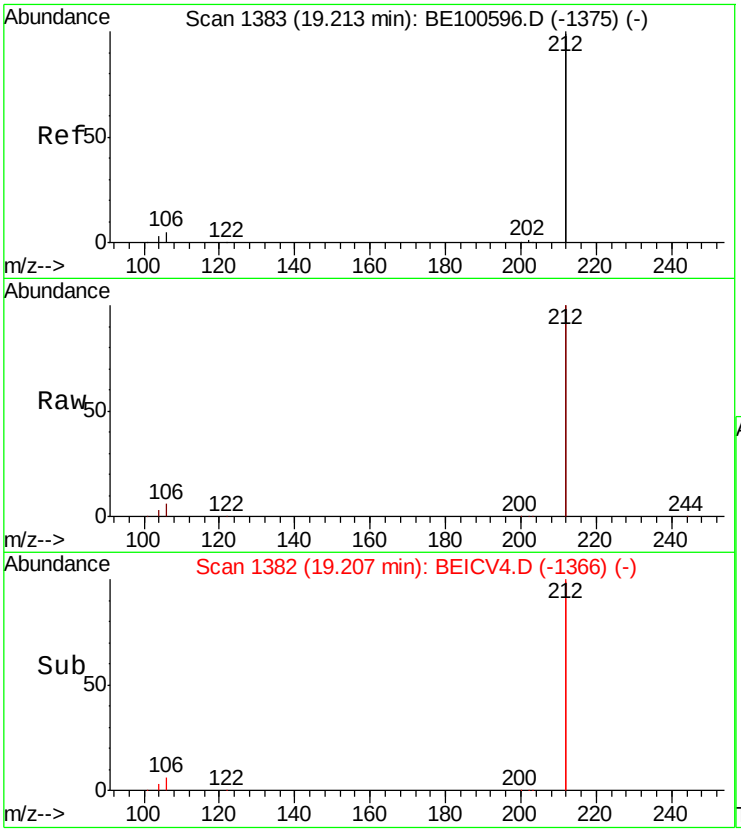


#24
Anthracene
Concen: 0.363 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:178 Resp: 17910

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.2	12.2	18.4



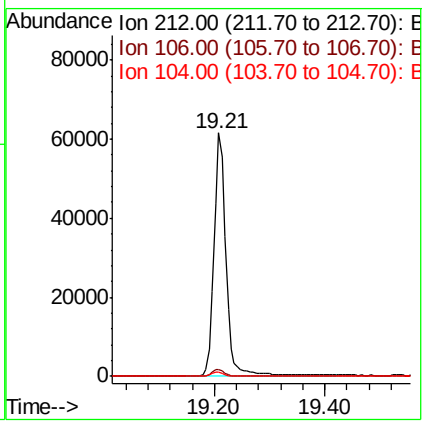


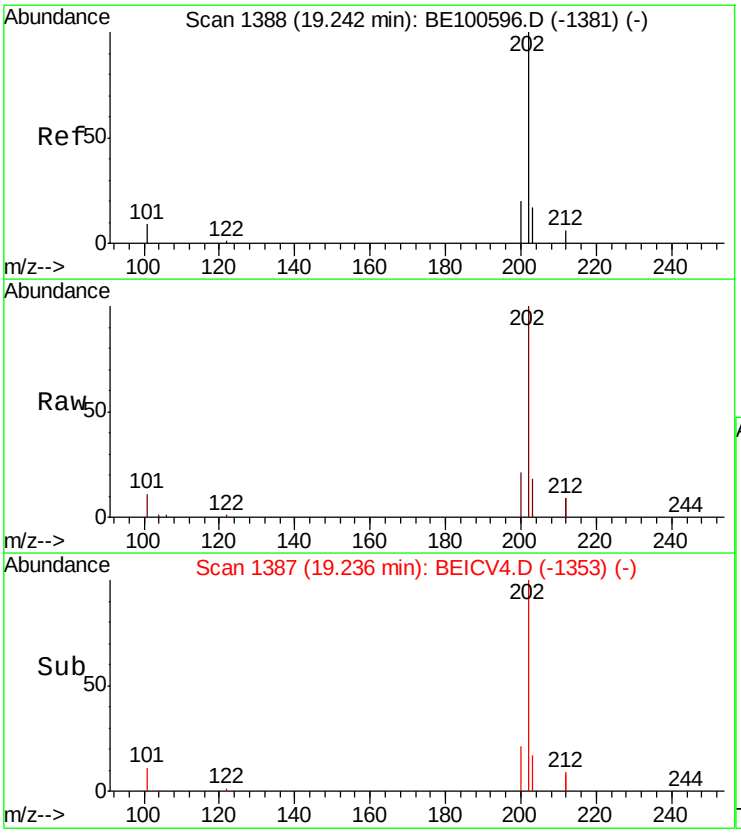
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:212 Resp: 91605

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.7	1.3	1.9

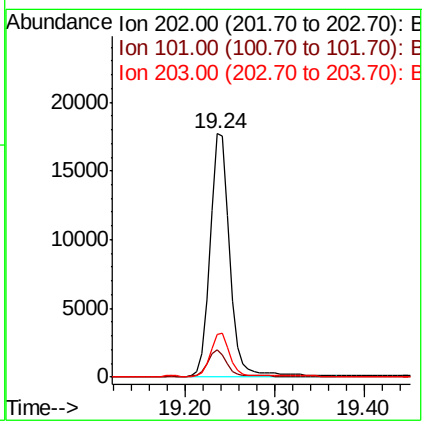


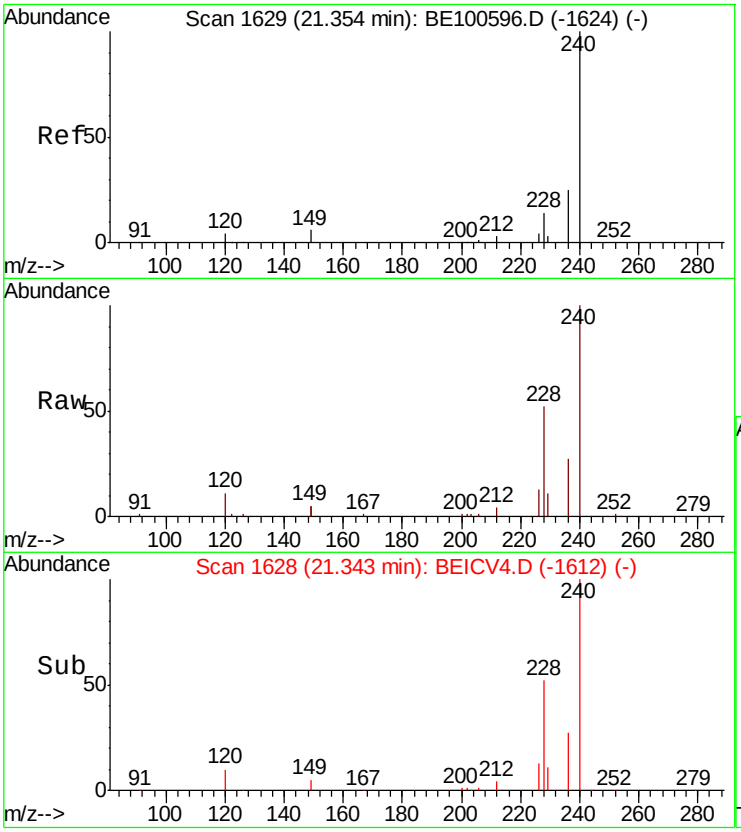


#26
Fluoranthene
Concen: 0.380 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:202 Resp: 26821

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
203	17.2	13.8	20.6



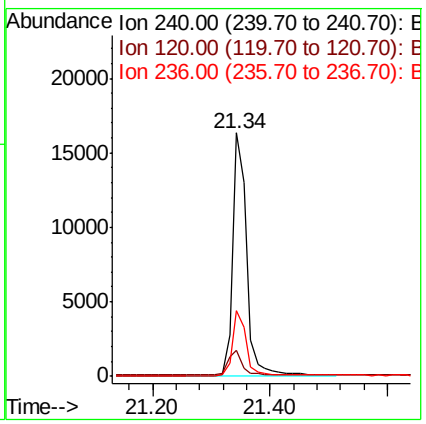


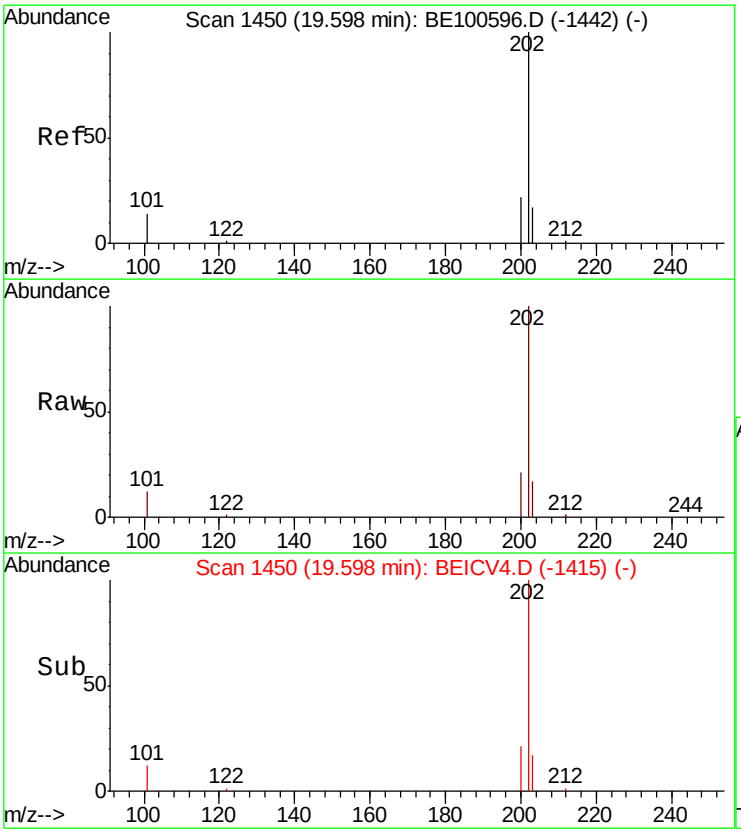
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:240 Resp: 26885

Ion	Ratio	Lower	Upper
240	100		
120	10.8	3.6	5.4#
236	26.9	20.5	30.7

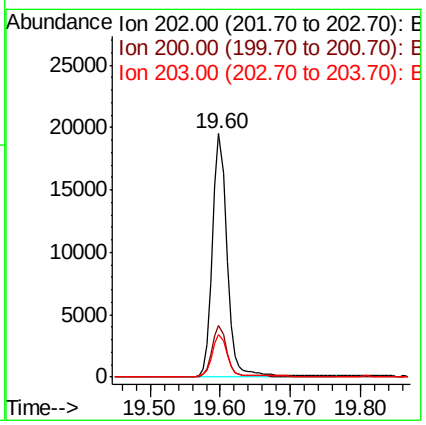


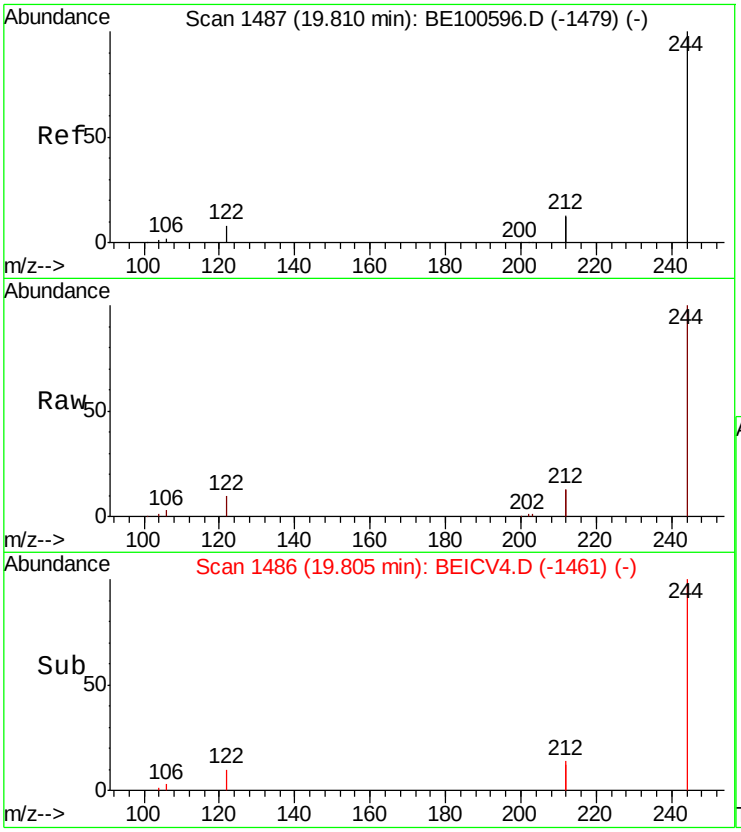


#28
Pyrene
Concen: 0.403 ng
RT: 19.60 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:202 Resp: 27749

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.8	14.1	21.1



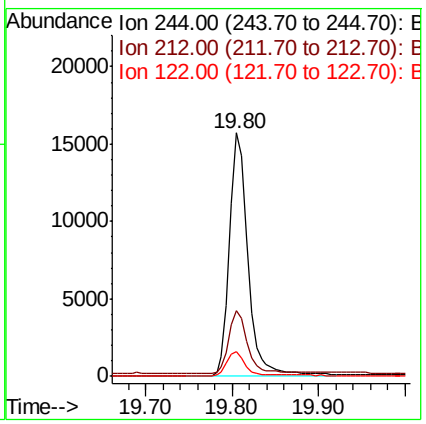


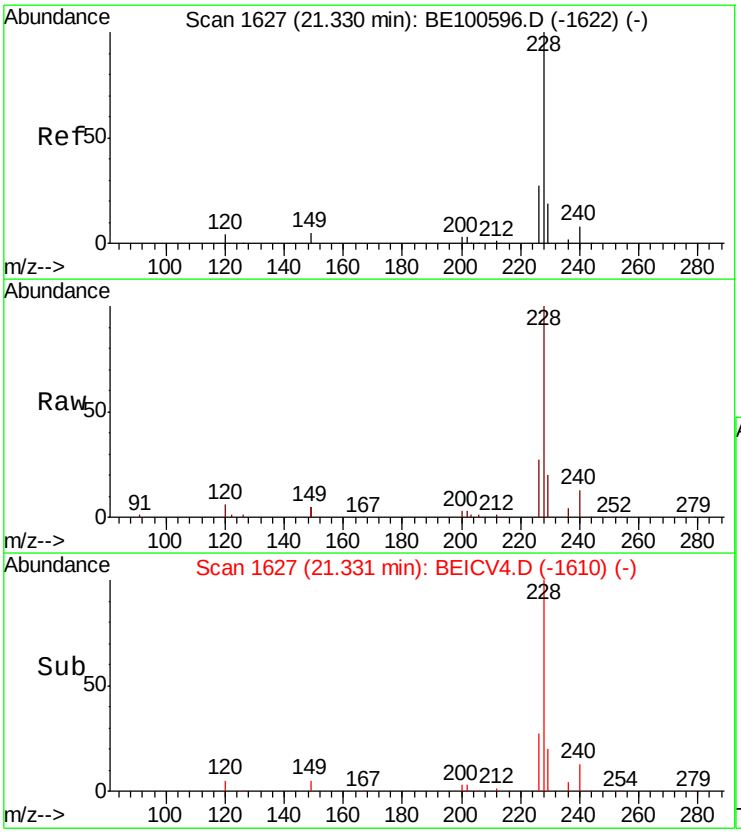
#29
Terphenyl-d14
Concen: 0.386 ng
RT: 19.80 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:244 Resp: 22944

Ion	Ratio	Lower	Upper
244	100		
212	27.0	20.6	31.0
122	9.9	6.5	9.7#

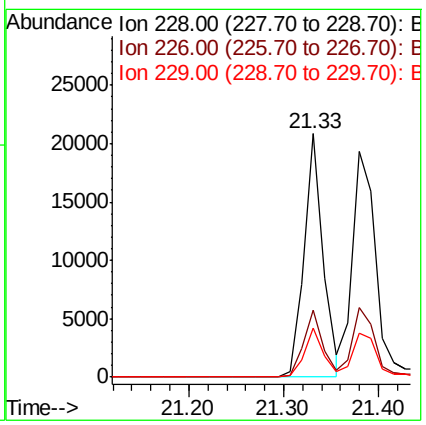


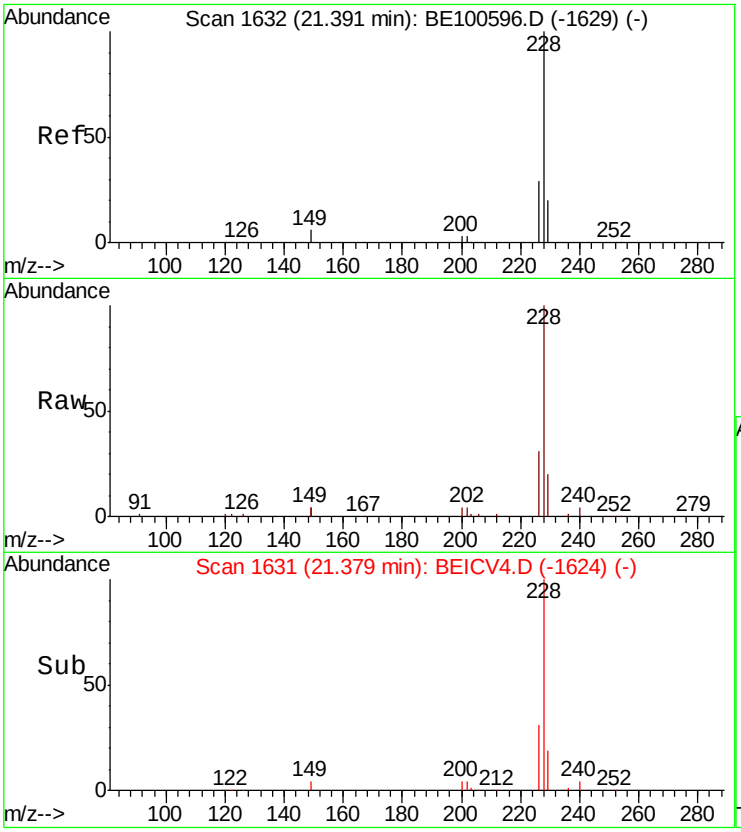


#30
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:228 Resp: 28596

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.0	15.6	23.4



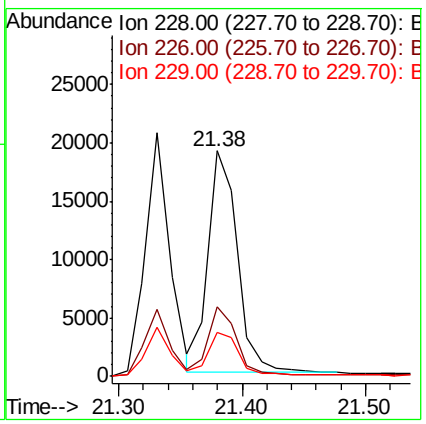


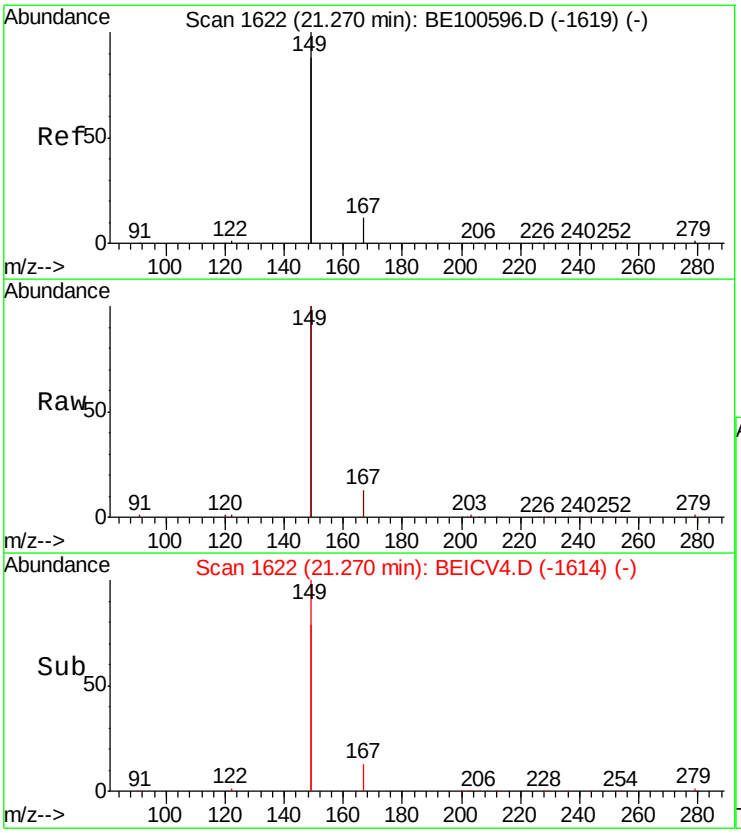
#31
Chrysene
Concen: 0.393 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:228 Resp: 31608

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.7	34.1
229	19.6	16.3	24.5

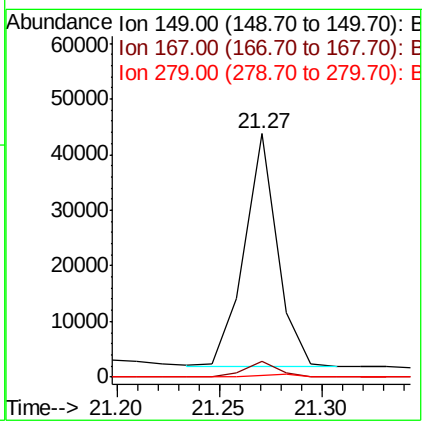


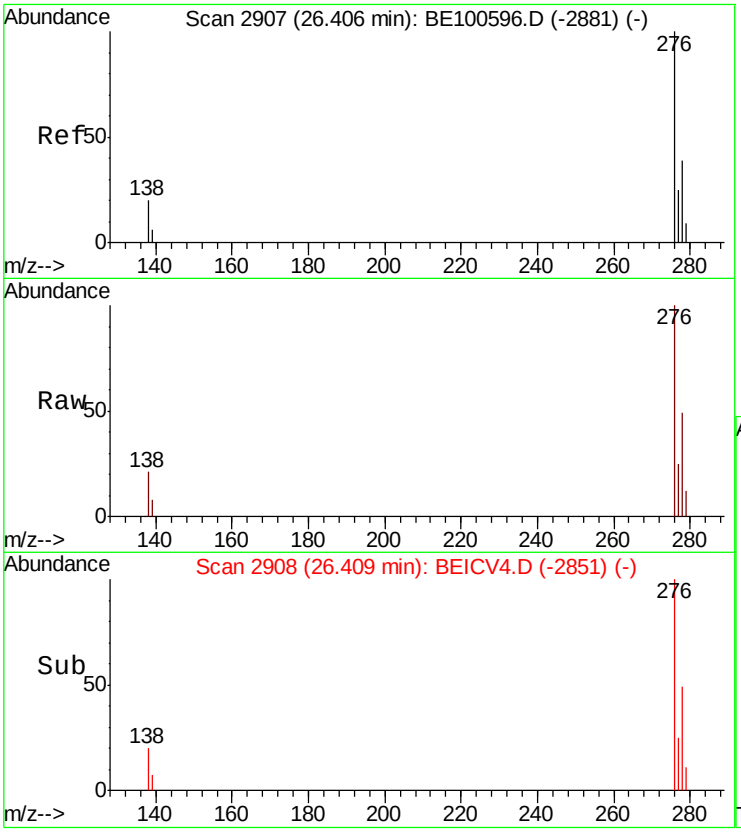


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.328 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:149 Resp: 47054

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.9	1.3



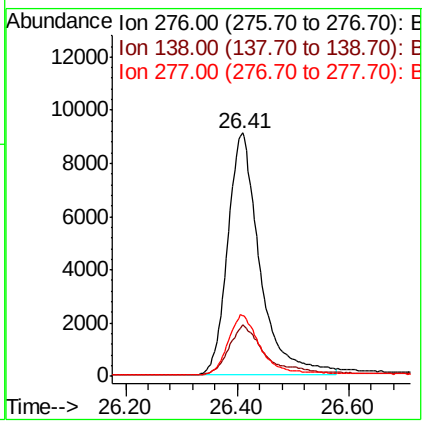


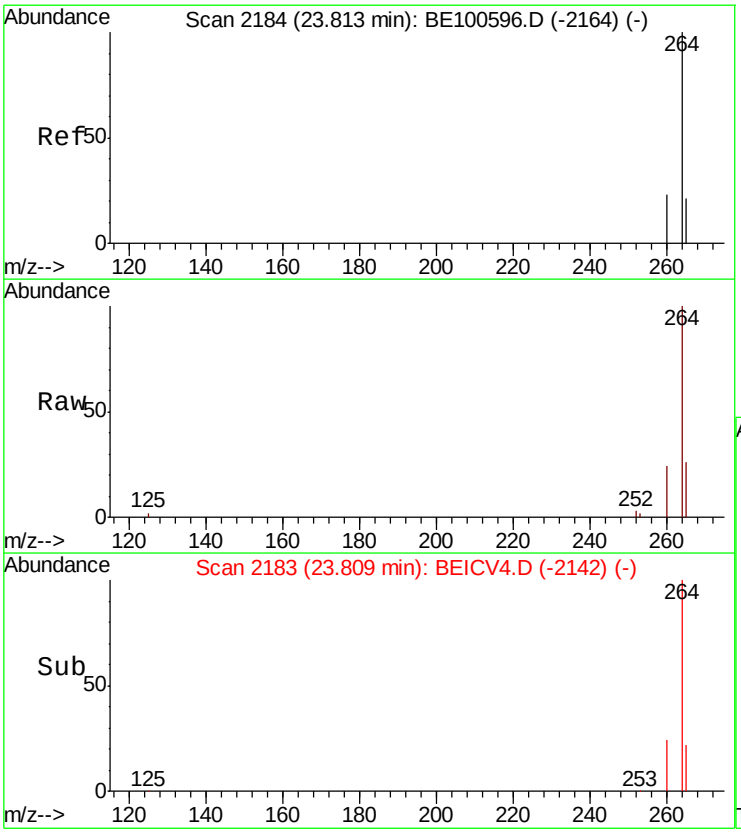
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 26.41 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:276 Resp: 36380

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.8	26.8
277	24.0	19.8	29.8

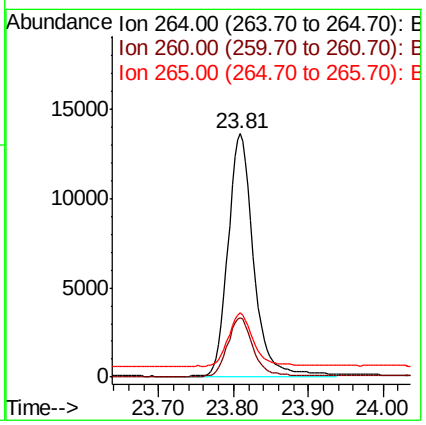


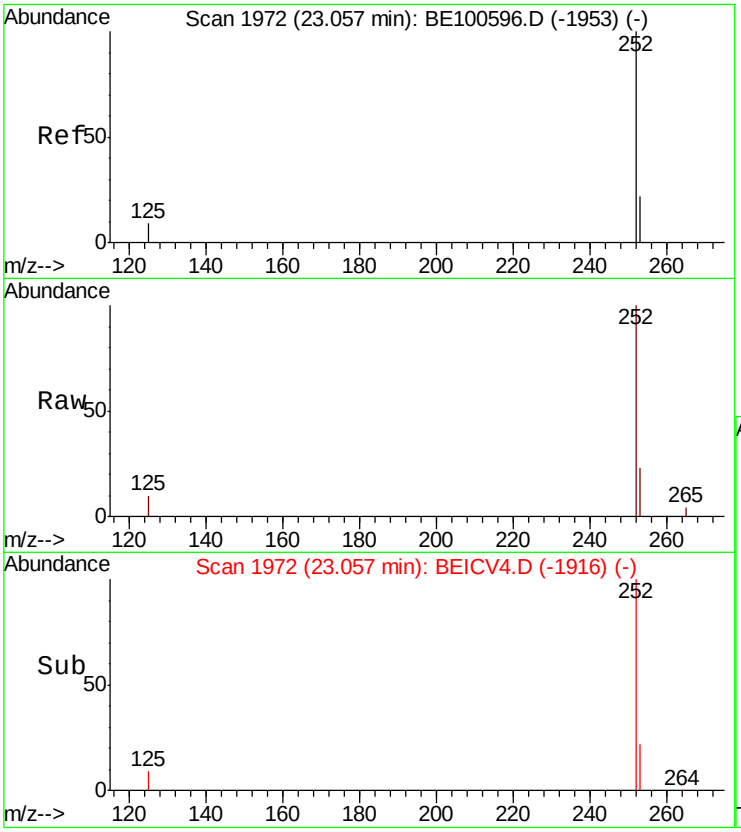


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:264 Resp: 32240

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	26.3	20.9	31.3



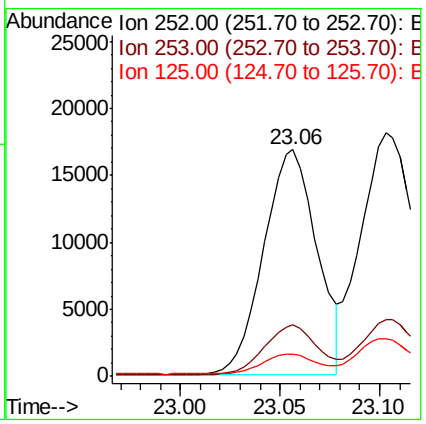


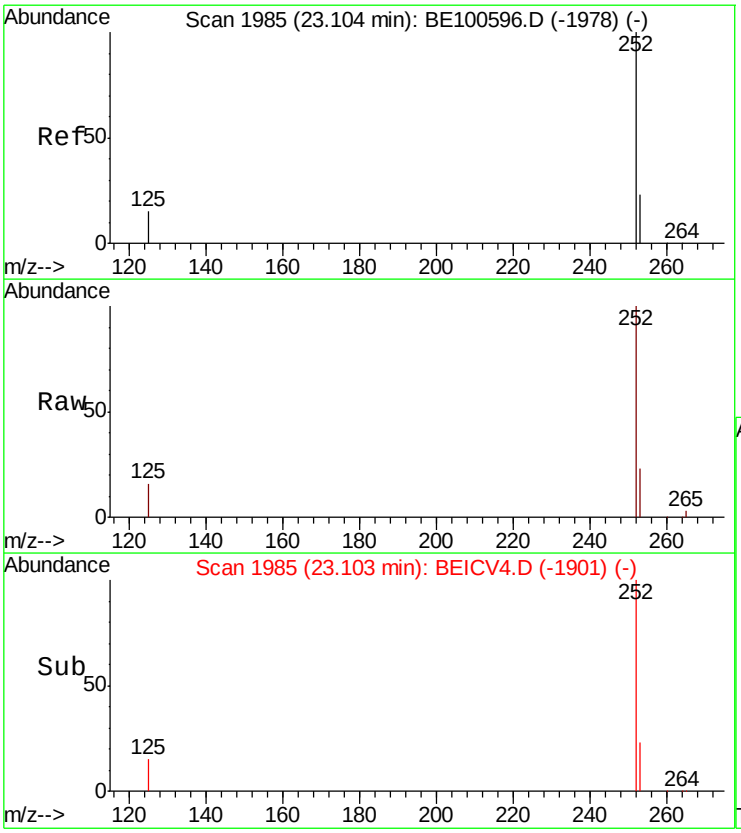
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:252 Resp: 31240

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.8	7.9	11.9

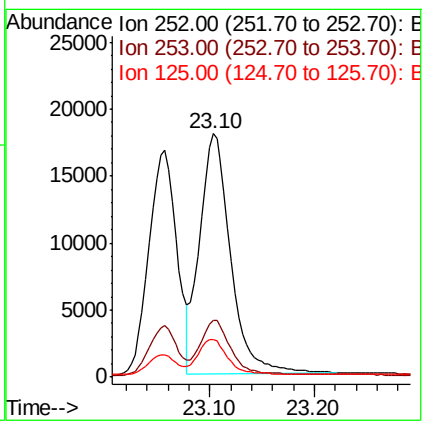


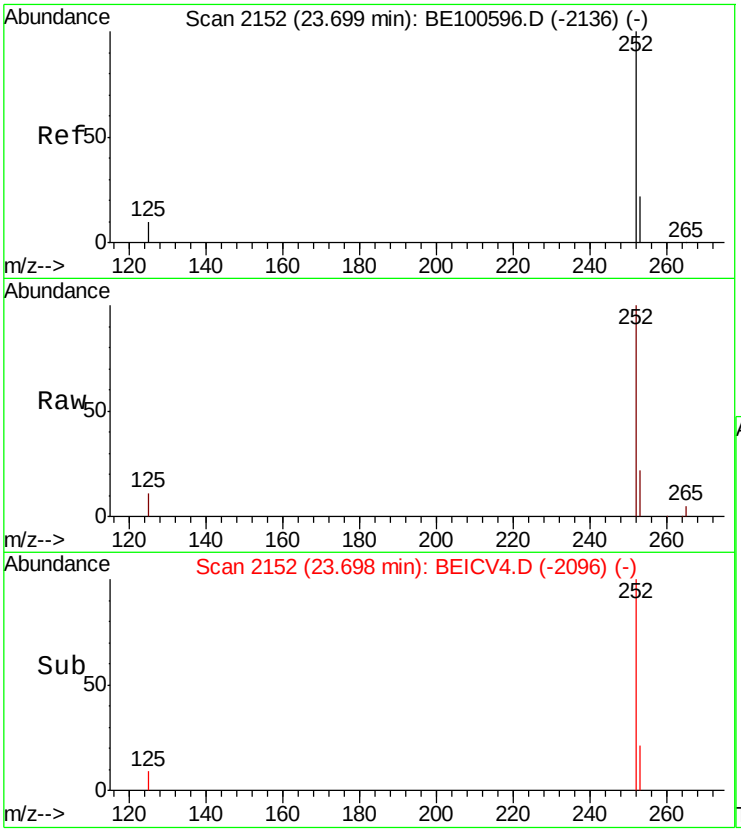


#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:252 Resp: 37174

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	15.6	11.4	17.0



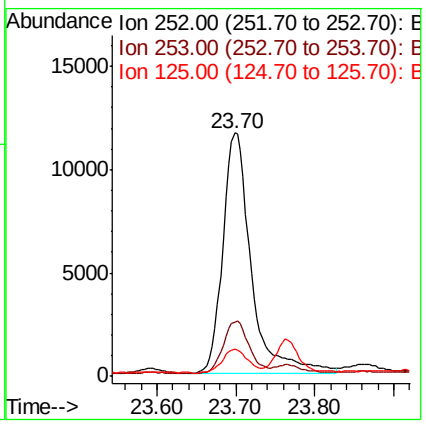


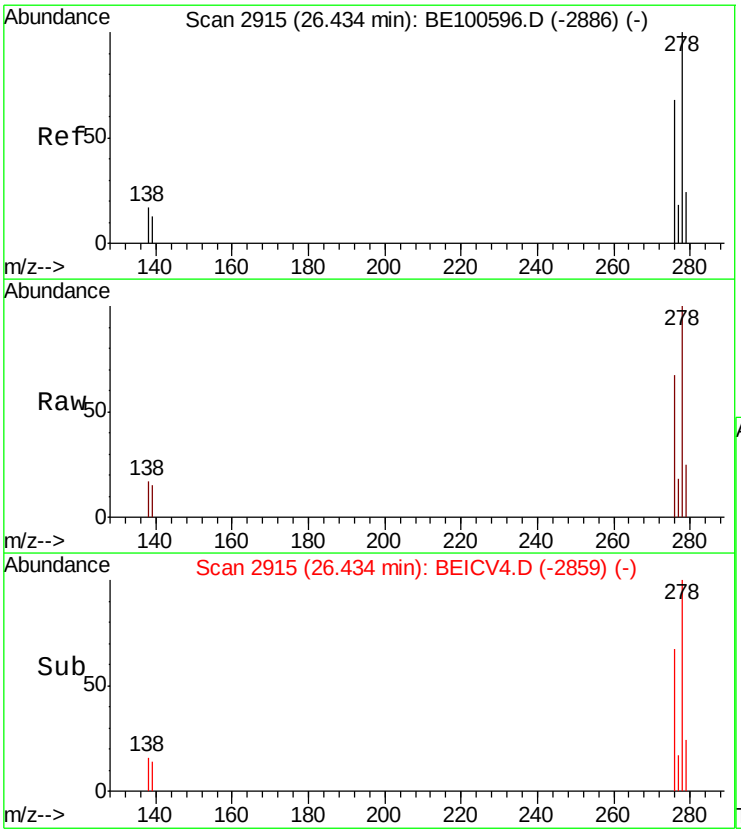
#37
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:252 Resp: 29109

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	11.0	8.8	13.2

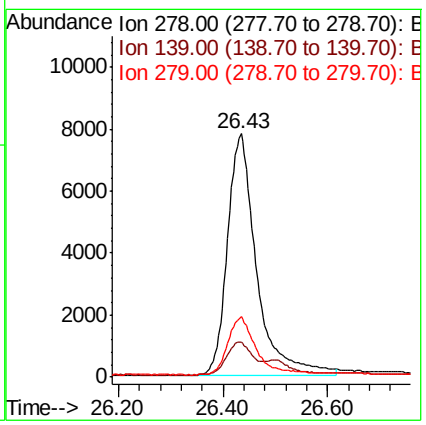


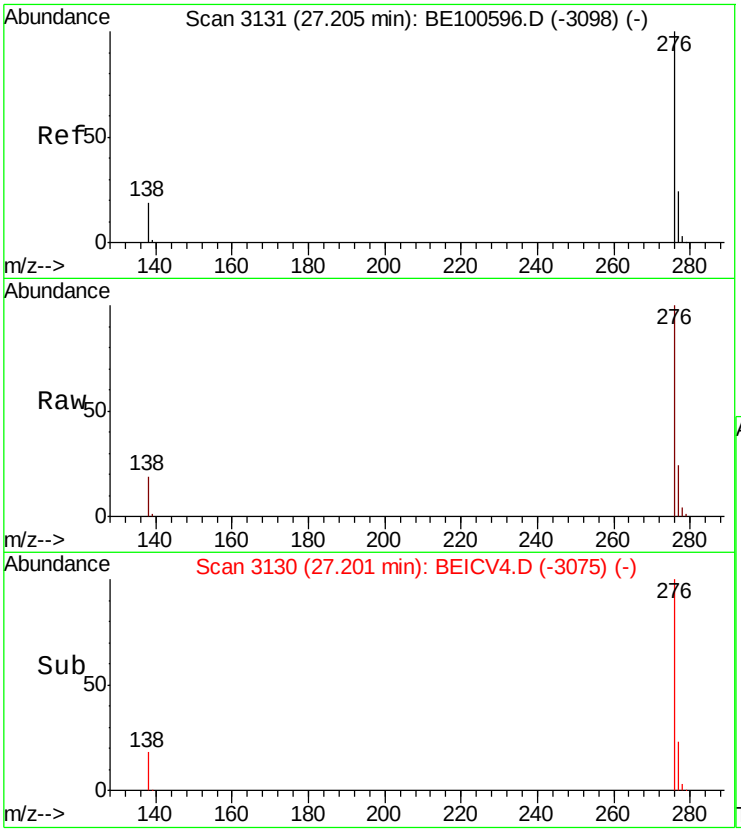


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.43 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:278 Resp: 30377

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.0	16.4
279	24.7	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 27.20 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tgt Ion:276 Resp: 31627

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	19.0	15.6	23.4