Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100240.D
Acq On : 28 Jun 2019 18:25
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 29 00:30:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	536	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	1870	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	1529	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	4720	0.40	ng		0.01
27) Chrysene-d12	21.24	240	6957	0.40	ng		0.00
34) Perylene-d12	23.67	264	8541	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	480	0.35	ng		0.00
5) Phenol-d6	6.84	99	600	0.33	ng		0.00
8) Nitrobenzene-d5	8.82	82	683	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	1457	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	374	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	2340	0.39	ng		0.00
25) Fluoranthene-d10	19.10	212	27046	0.39	ng		0.00
29) Terphenyl-d14	19.70	244	5769	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	296	0.356	ng		90
3) n-Nitrosodimethylamine	3.47	42	114	0.294	ng	#	50
6) bis(2-Chloroethyl)ether	7.09	93	592	0.401	ng		95
9) Naphthalene	10.48	128	8417	0.408	ng		100
10) Hexachlorobutadiene	10.76	225	855	0.430	ng		98
12) 2-Methylnaphthalene	12.12	142	1367	0.378	ng		99
16) Acenaphthylene	14.04	152	2924	0.399	ng		97
17) Acenaphthene	14.38	154	1669	0.401	ng		98
18) Fluorene	15.37	166	2496	0.406	ng		98
20) 4-Bromophenyl-phenylether	16.26	248	1259	0.418	ng		99
21) Hexachlorobenzene	16.36	284	1326	0.424	ng		97
22) Pentachlorophenol	16.77	266	267	0.284	ng		97
23) Phenanthrene	17.11	178	4572	0.400	ng		99
24) Anthracene	17.20	178	3966	0.385	ng		99
26) Fluoranthene	19.13	202	7344	0.403	ng		100
28) Pyrene	19.49	202	7586	0.412	ng		99
30) Benzo(a)anthracene	21.23	228	8834	0.386	ng		95
31) Chrysene	21.28	228	9451	0.411	ng		100
32) Bis(2-ethylhexyl)phthalate	21.15	149	10556	0.269	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	12368	0.407	ng		99
35) Benzo(b)fluoranthene	22.92	252	9620	0.415	ng		99
36) Benzo(k)fluoranthene	22.97	252	10638	0.412	ng		99
37) Benzo(a)pyrene	23.56	252	9533	0.411	ng	#	95
38) Dibenzo(a,h)anthracene	26.24	278	9943	0.410	ng		99
39) Benzo(g,h,i)perylene	27.00	276	10066	0.404	ng		99

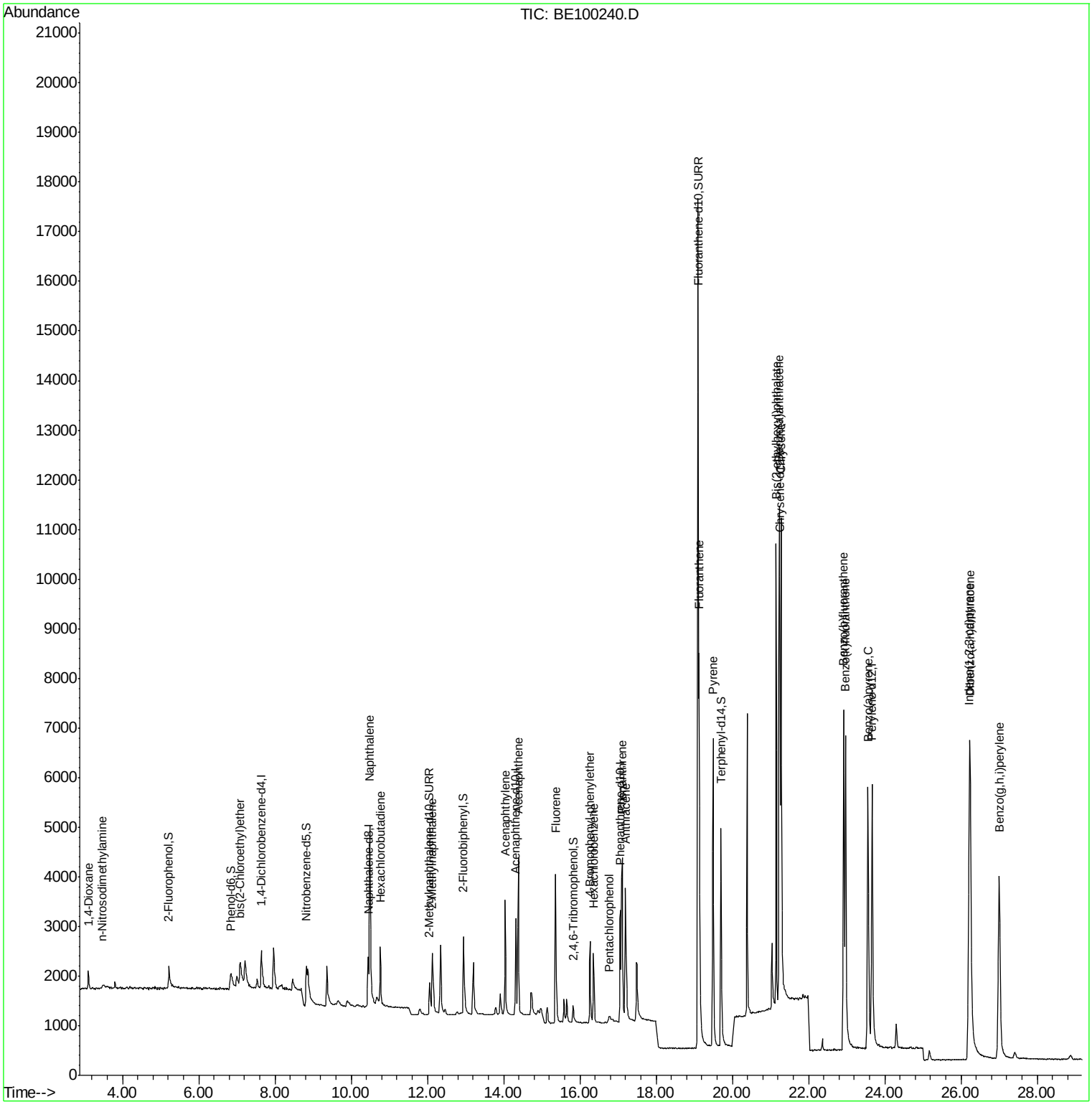
(#) = qualifier out of range (m) = manual integration (+) = signals summed

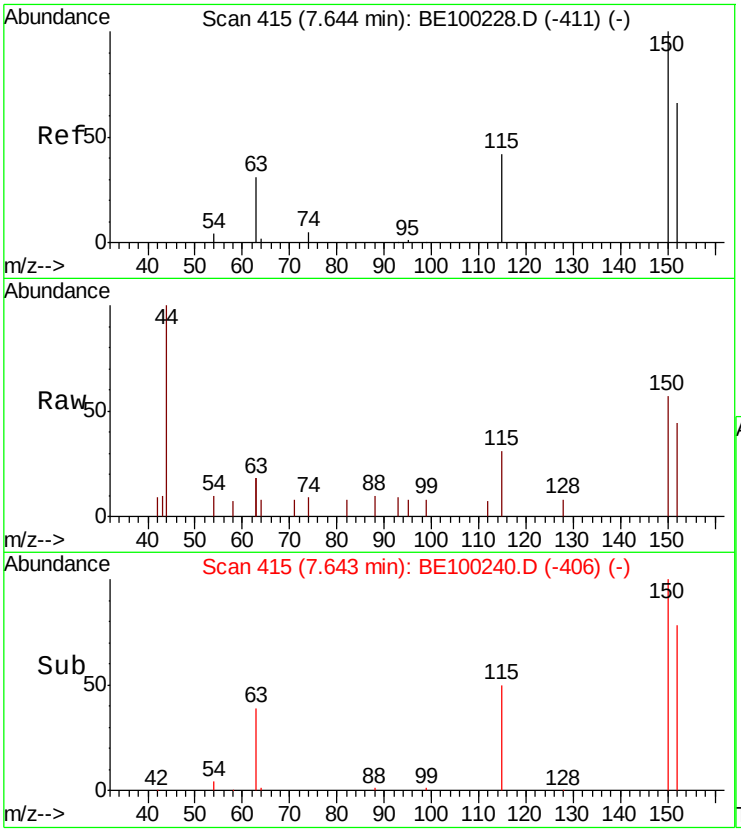
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100240.D
Acq On : 28 Jun 2019 18:25
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 29 00:30:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



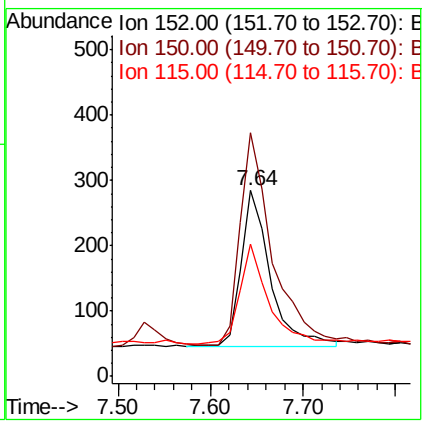


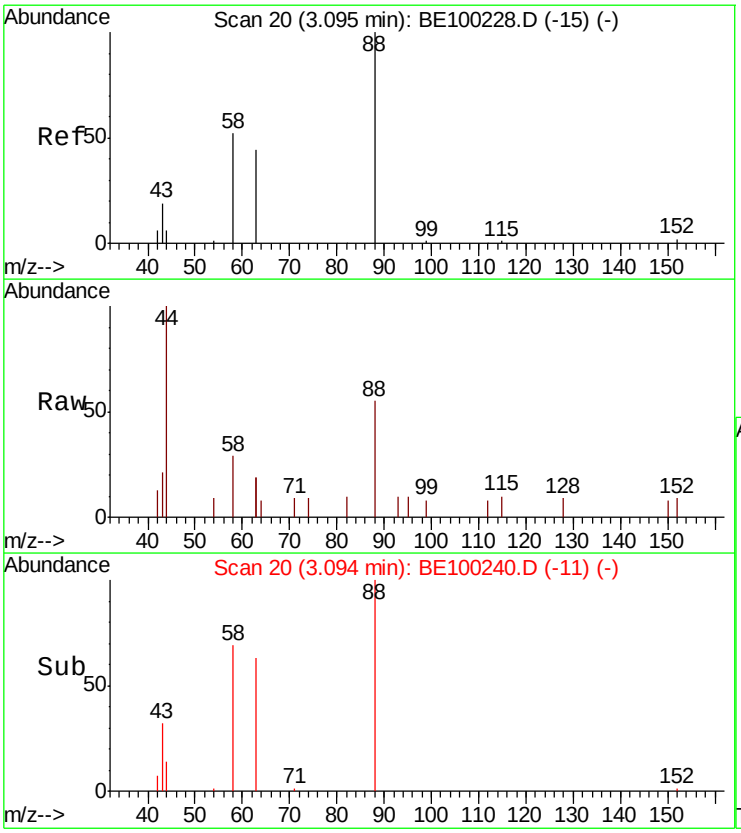
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 536

Ion	Ratio	Lower	Upper
152	100		
150	131.3	114.5	171.7
115	71.5	57.1	85.7

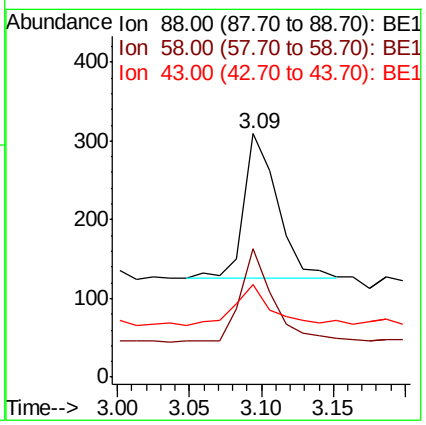


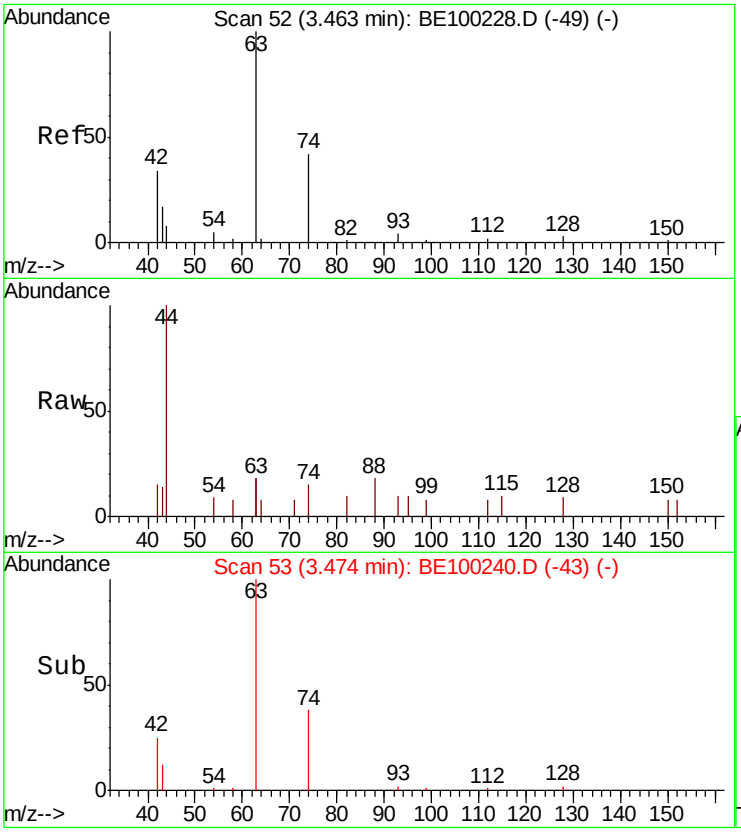


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion: 88 Resp: 296

Ion	Ratio	Lower	Upper
88	100		
58	63.9	43.6	65.4
43	29.1	21.4	32.0



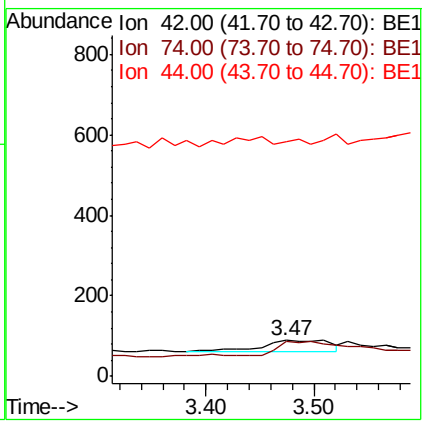


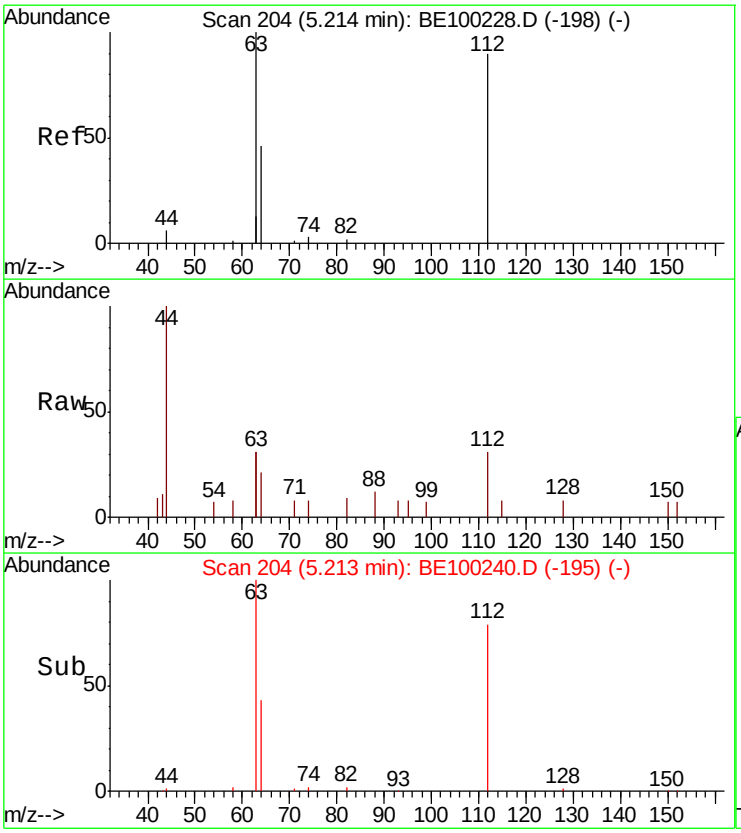
#3
n-Nitrosodimethylamine
Concen: 0.294 ng
RT: 3.47 min Scan# 53
Delta R.T. 0.01 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 114

Ion	Ratio	Lower	Upper
42	100		
74	105.3	130.6	196.0#
44	0.0	38.0	57.0#

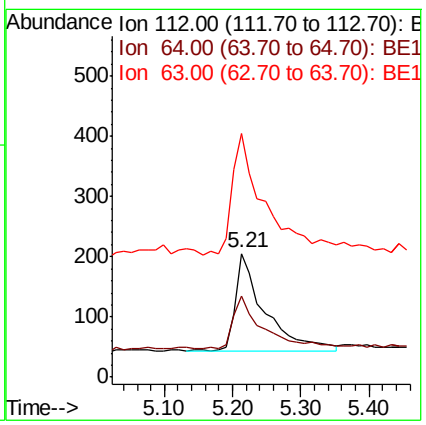


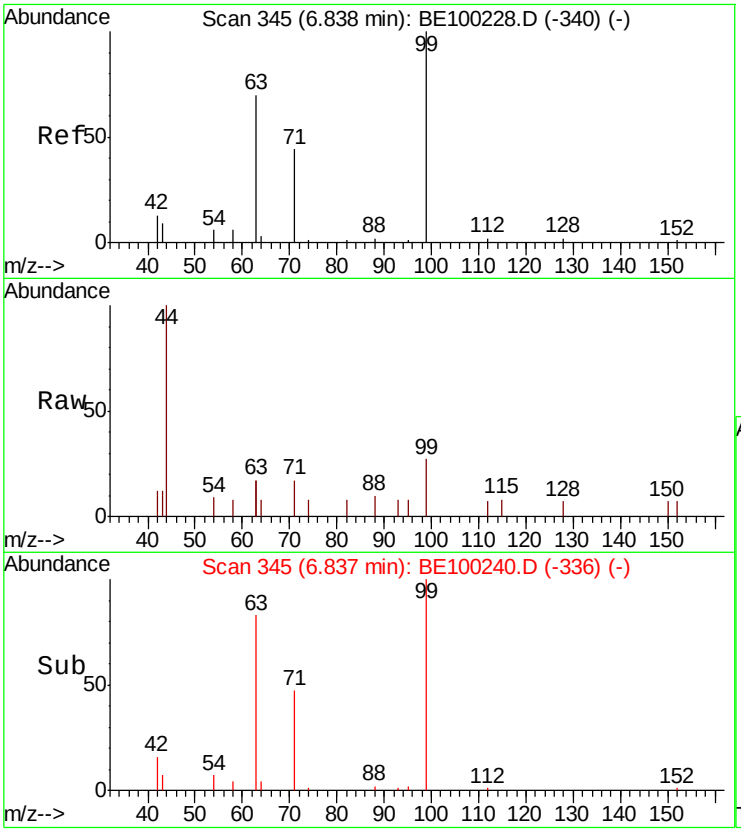


#4
2-Fluorophenol
Concen: 0.351 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:112 Resp: 480

Ion	Ratio	Lower	Upper
112	100		
64	60.0	39.4	59.0#
63	160.0	104.5	156.7#



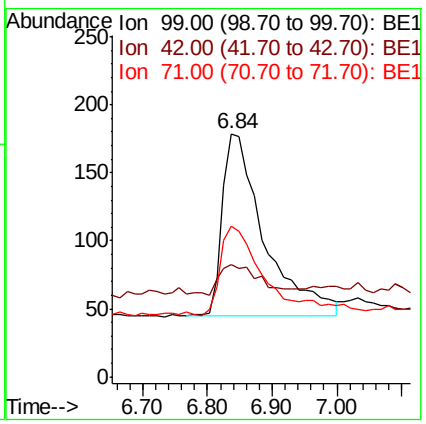


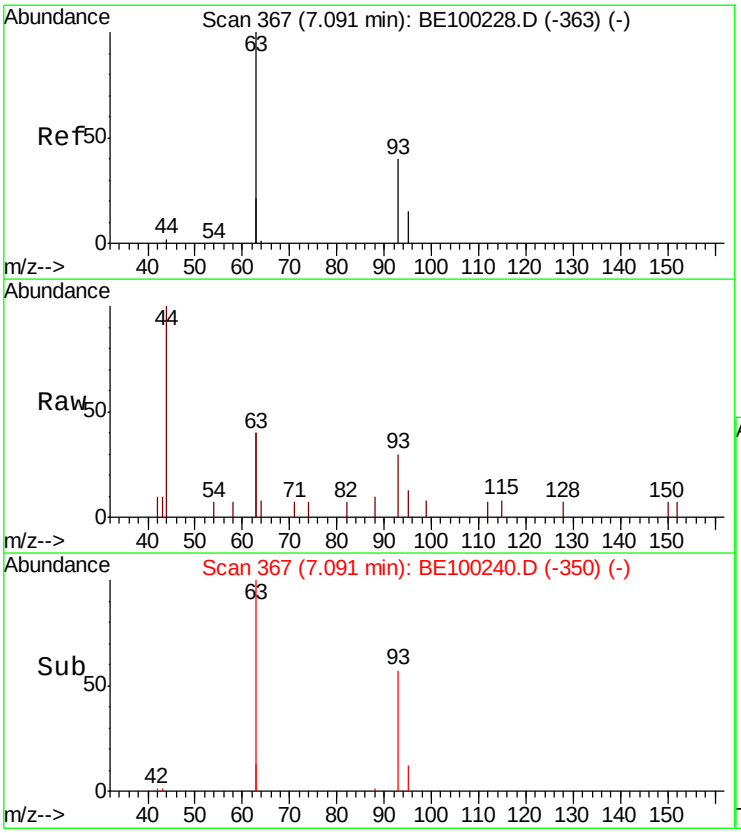
#5
Phenol-d6
Concen: 0.334 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 600

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.2	16.8
71	54.7	37.2	55.8

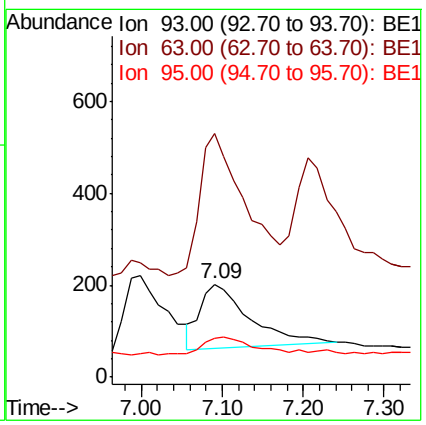


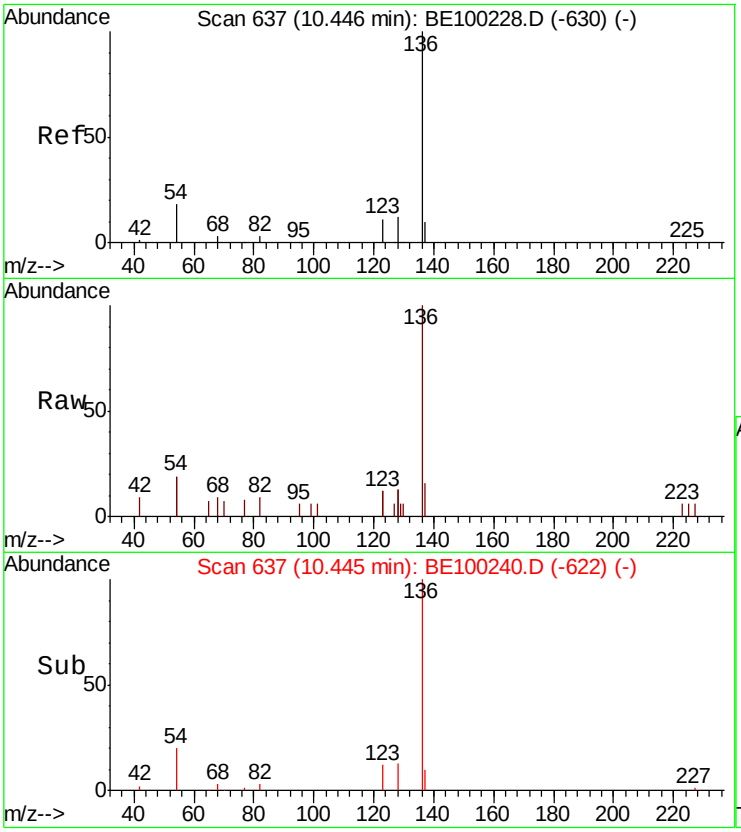


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion: 93 Resp: 592

Ion	Ratio	Lower	Upper
93	100		
63	202.7	155.6	233.4
95	26.7	23.0	34.4



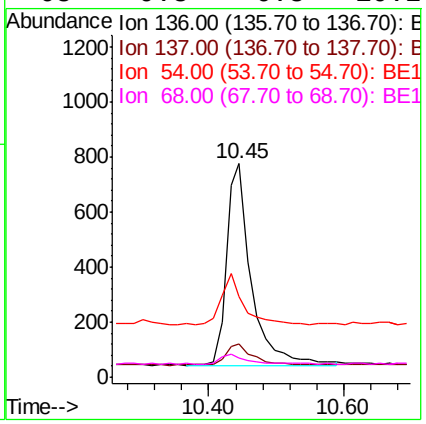


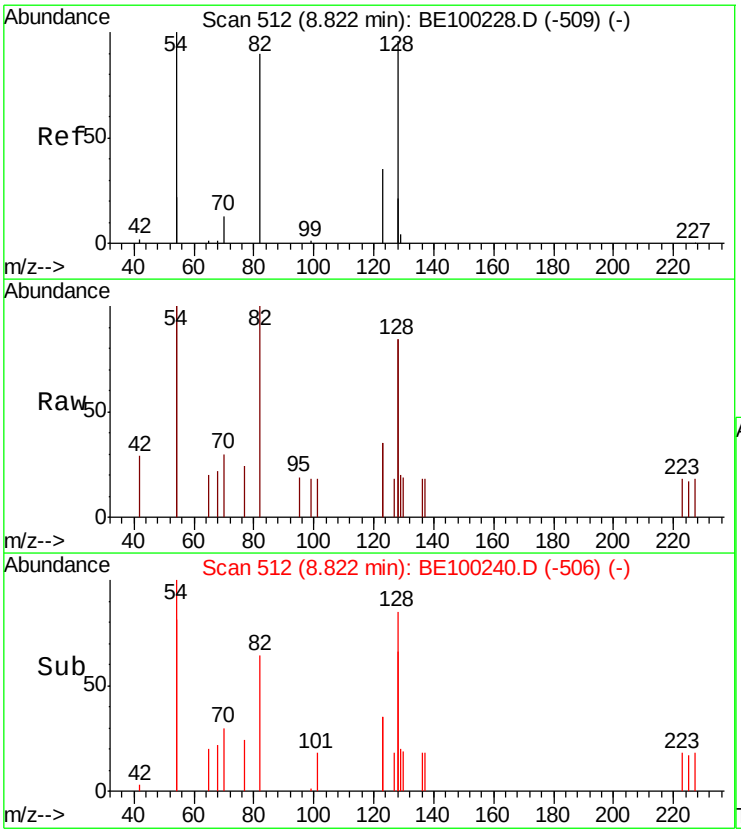
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 1870

Ion	Ratio	Lower	Upper
136	100		
137	15.6	11.8	17.8
54	37.6	27.7	41.5
68	9.3	6.8	10.2

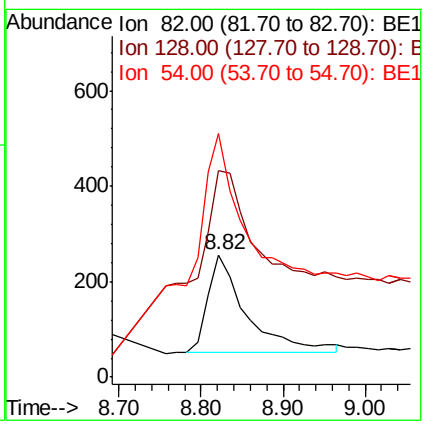


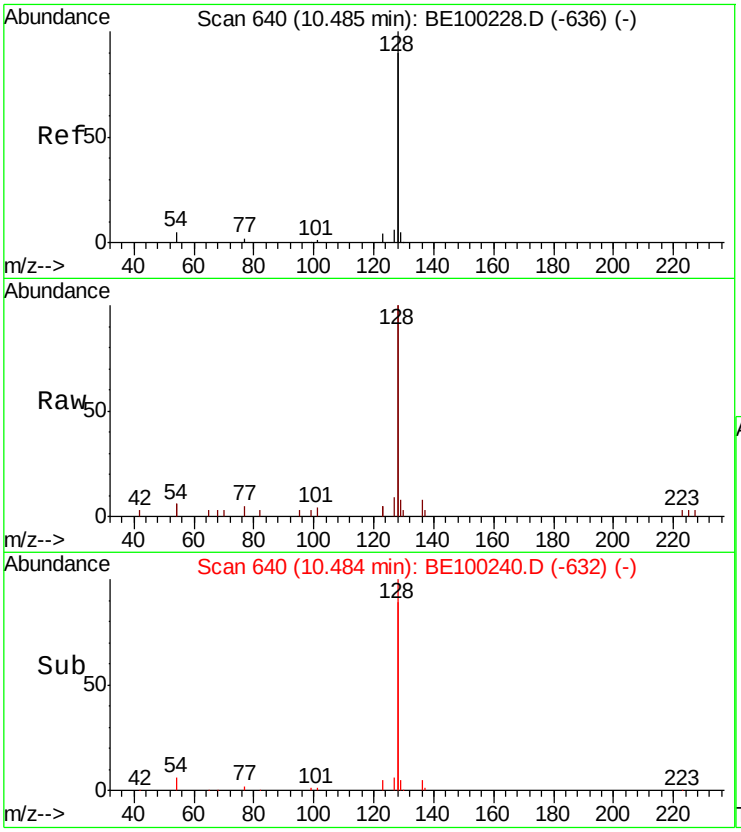


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion: 82 Resp: 683

Ion	Ratio	Lower	Upper
82	100		
128	168.8	140.9	211.3
54	199.2	146.2	219.2



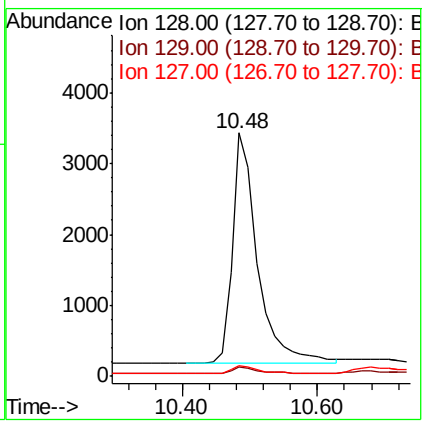


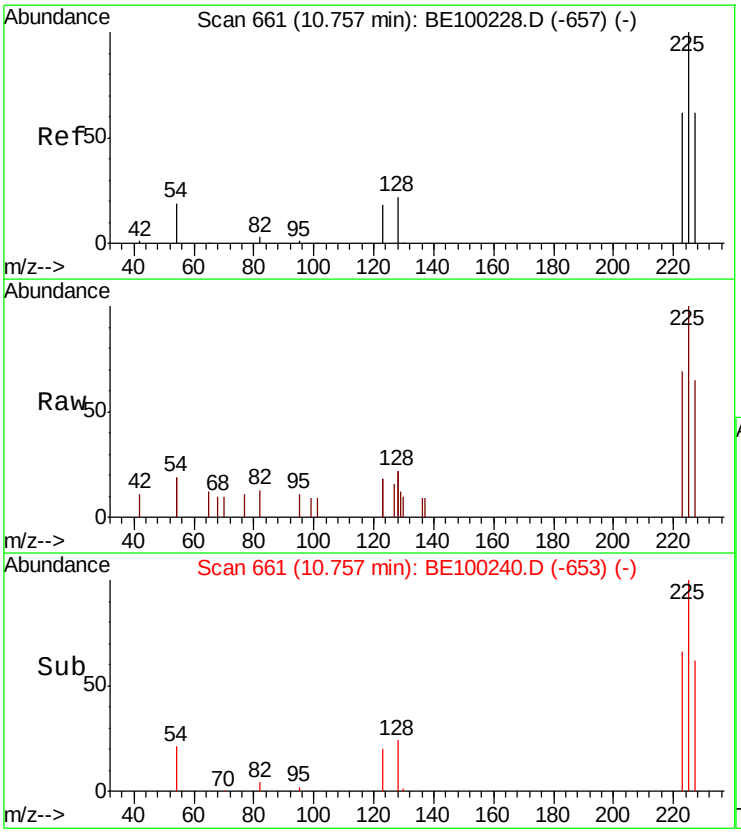
#9
Naphthalene
Concen: 0.408 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 8417

Ion	Ratio	Lower	Upper
128	100		
129	4.0	3.0	4.6
127	4.5	3.5	5.3

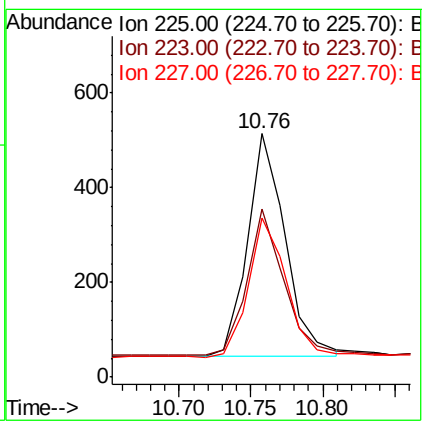


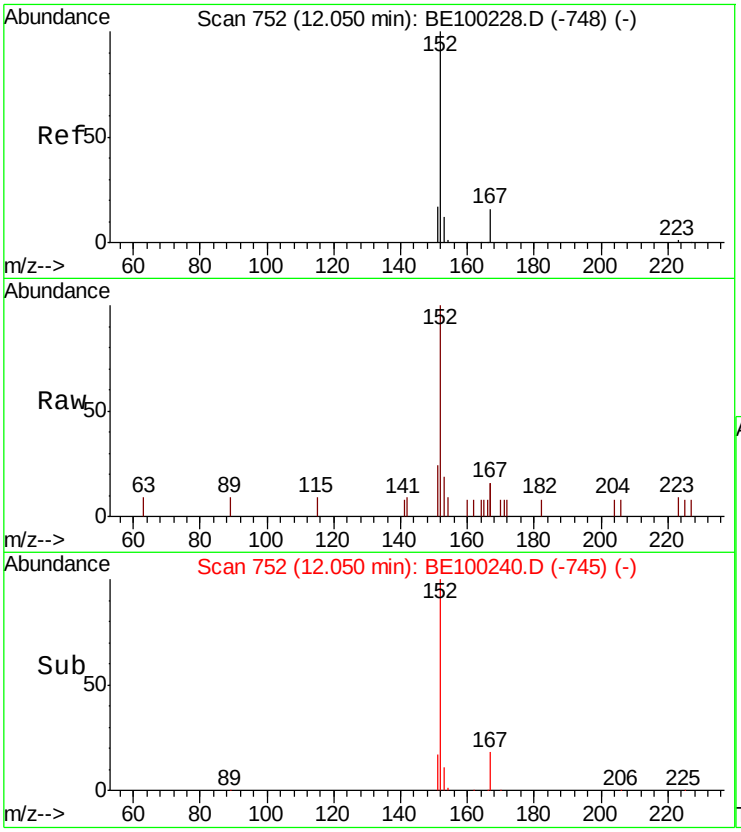


#10
Hexachlorobutadiene
Concen: 0.430 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:225 Resp: 855

Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.1	73.7
227	62.0	49.3	73.9



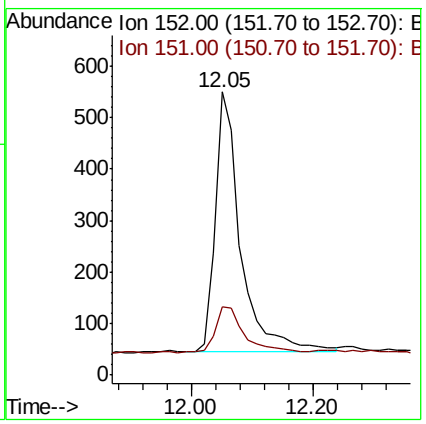


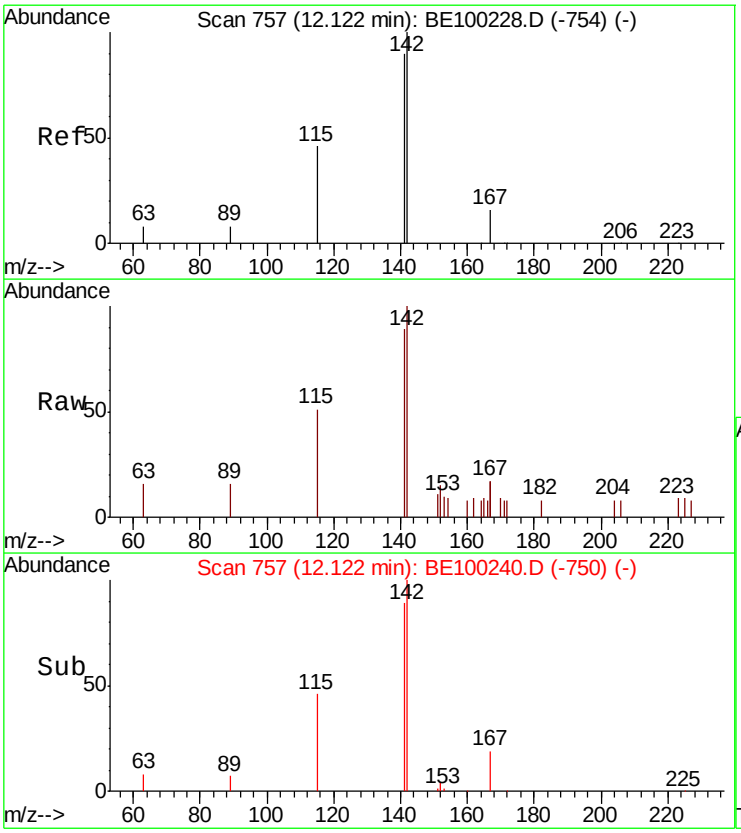
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1457

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.1	22.7

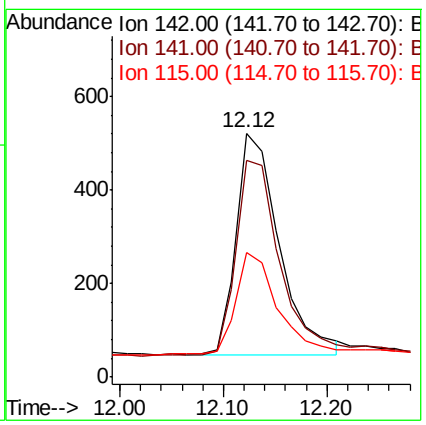


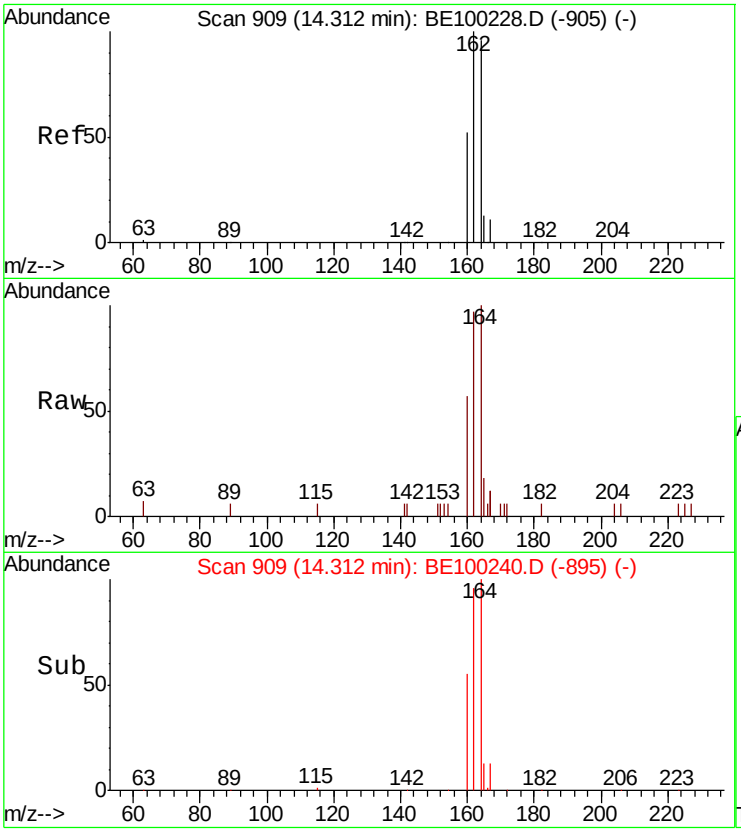


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:142 Resp: 1367

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.4	108.6
115	50.9	40.4	60.6



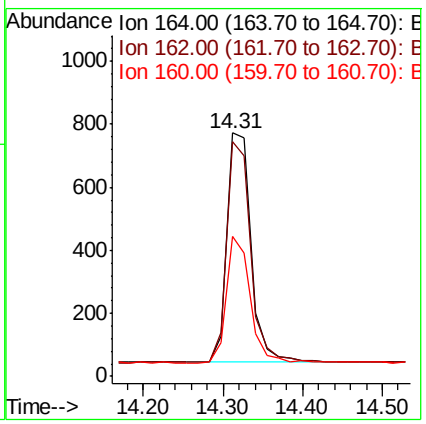


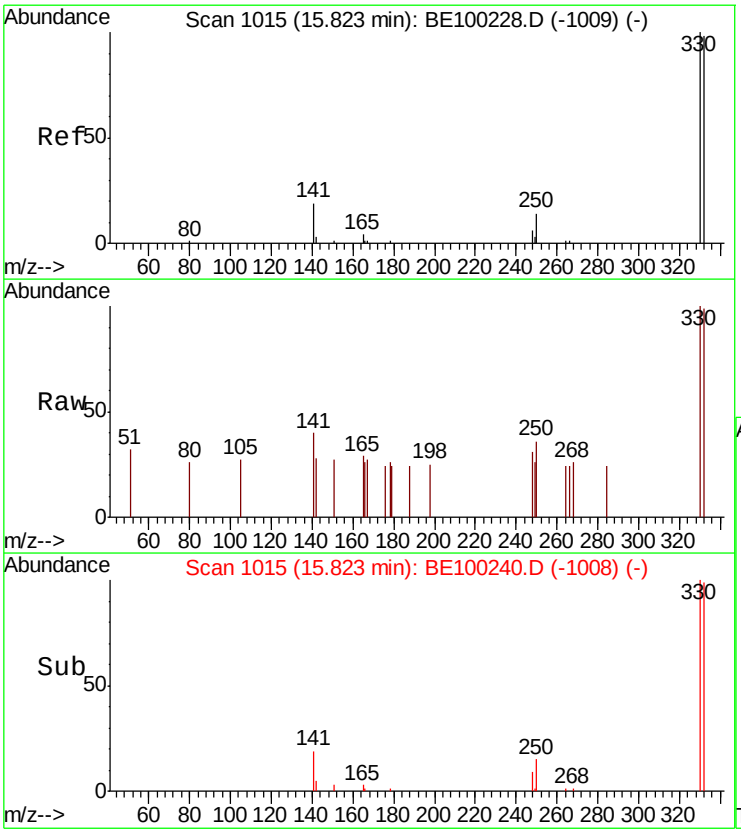
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1529

Ion	Ratio	Lower	Upper
164	100		
162	96.5	83.4	125.0
160	57.4	45.0	67.6

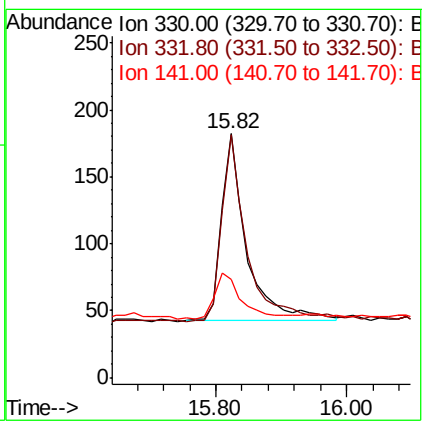


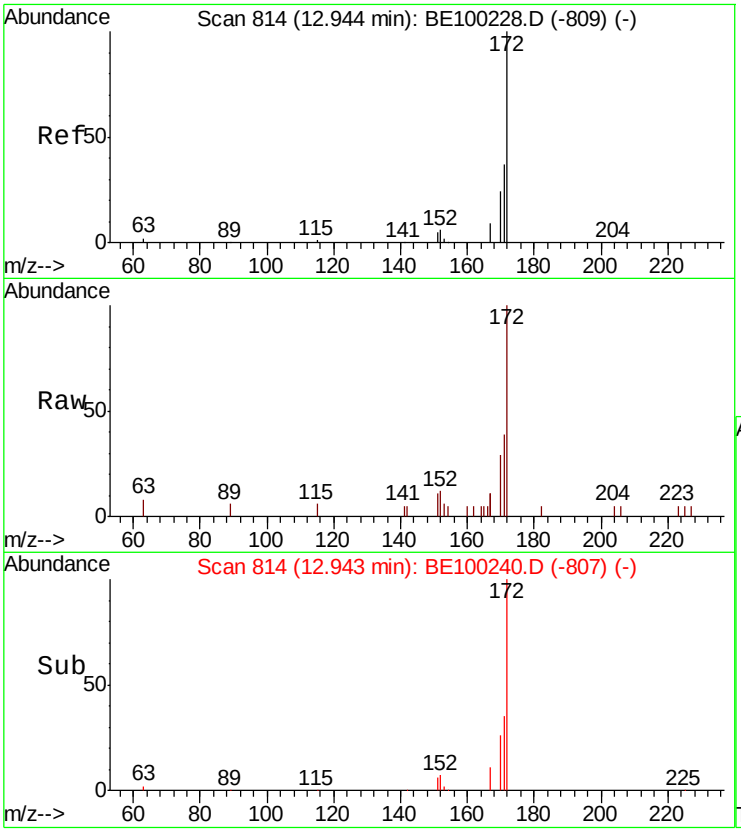


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:330 Resp: 374

Ion	Ratio	Lower	Upper
330	100		
332	104.5	77.0	115.4
141	25.7	22.0	33.0



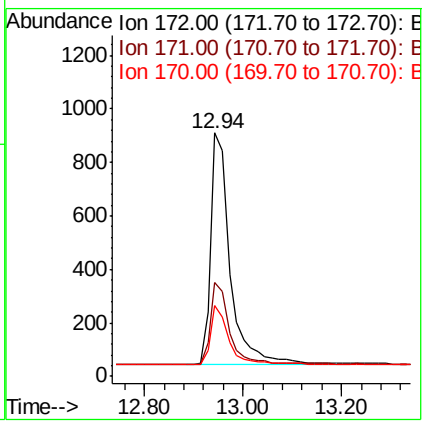


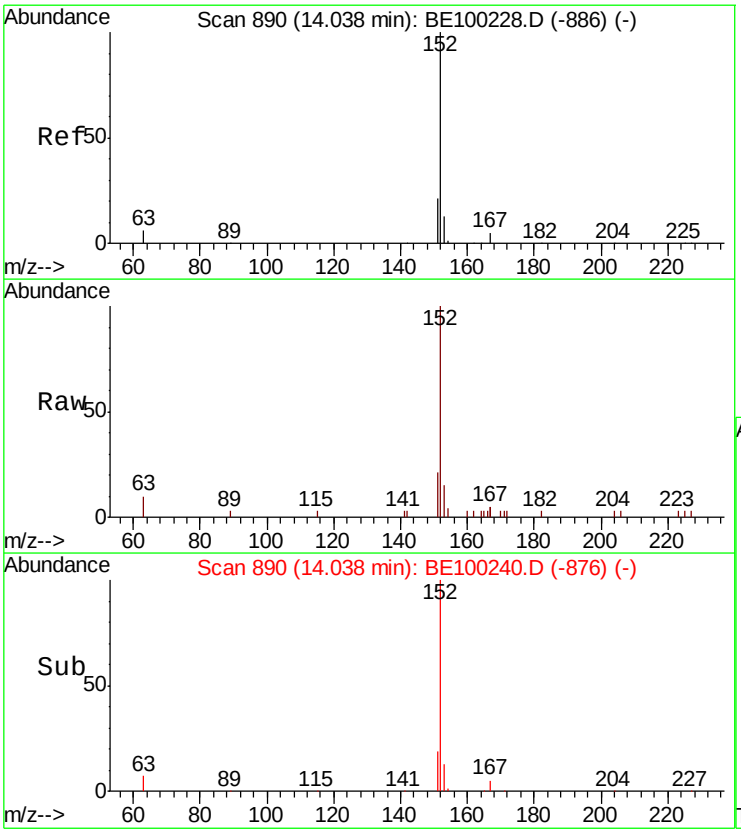
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2340

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.9	47.9
170	29.3	22.2	33.2

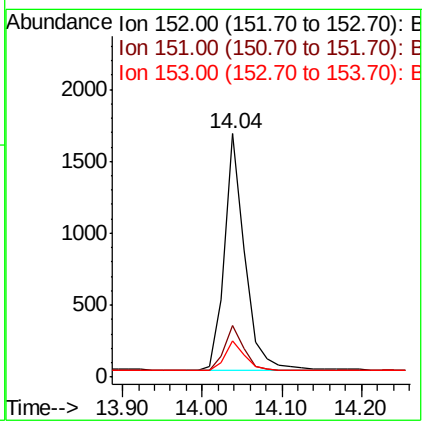


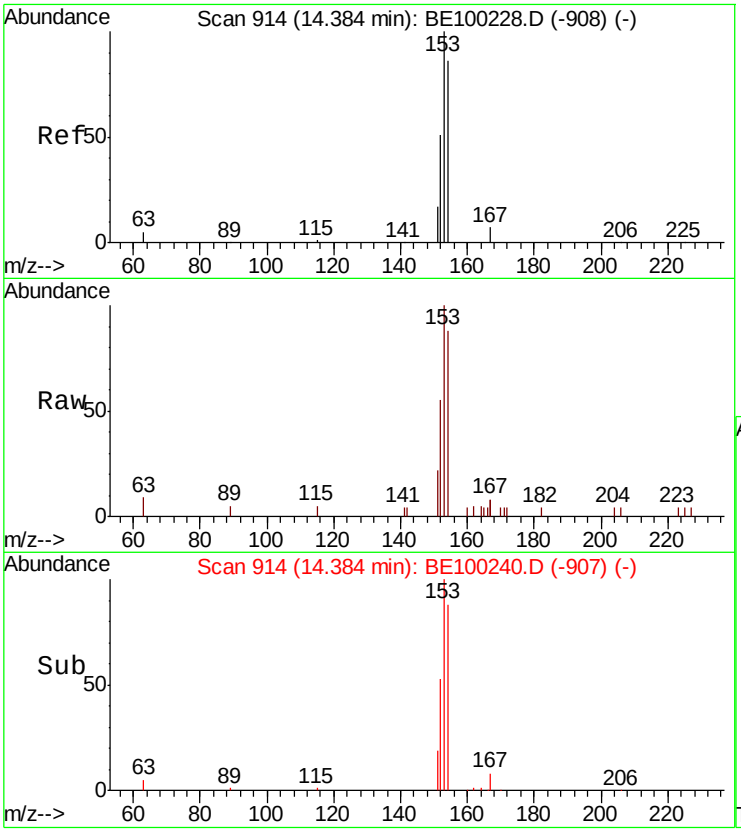


#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:152 Resp: 2924

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.6	25.0
153	12.9	10.5	15.7



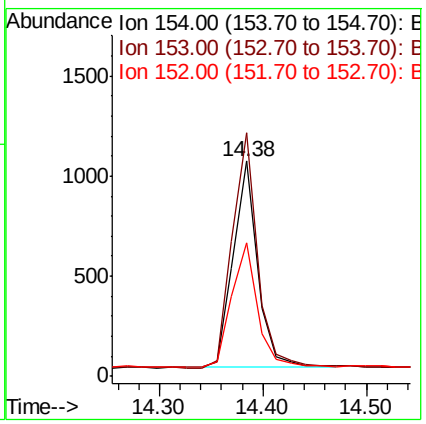


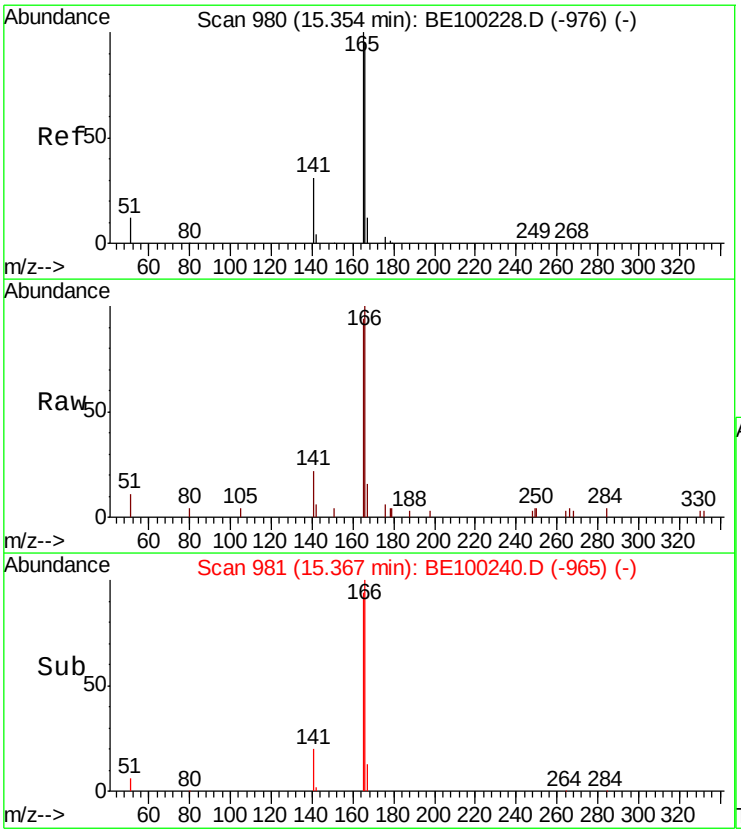
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1669

Ion	Ratio	Lower	Upper
154	100		
153	118.6	93.4	140.2
152	63.0	49.4	74.2

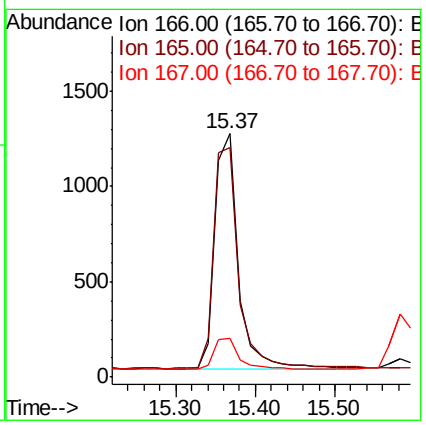


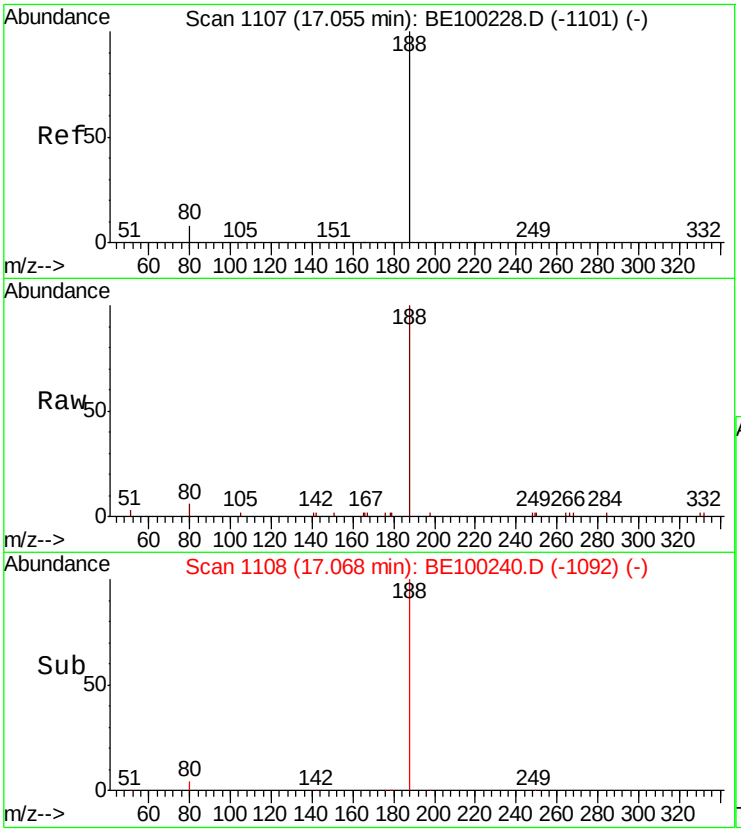


#18
Fluorene
Concen: 0.406 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:166 Resp: 2496

Ion	Ratio	Lower	Upper
166	100		
165	99.6	81.1	121.7
167	13.5	10.7	16.1



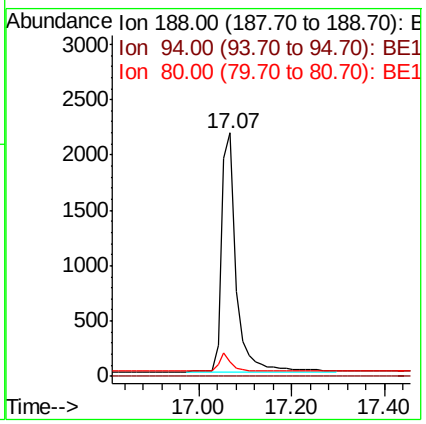


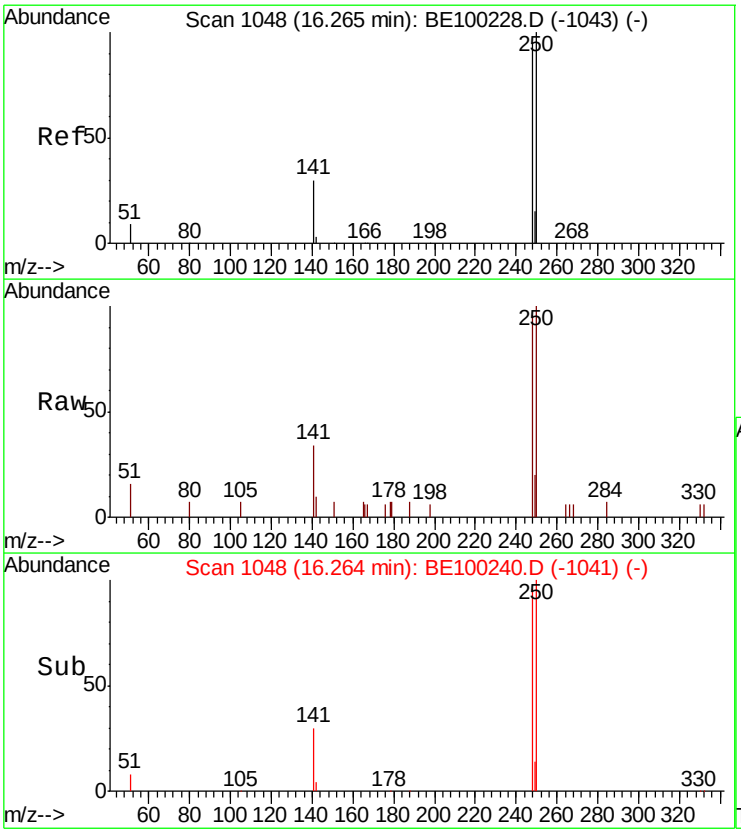
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4720

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	7.6	11.4#

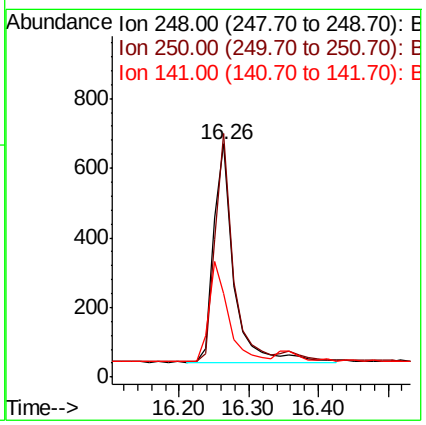


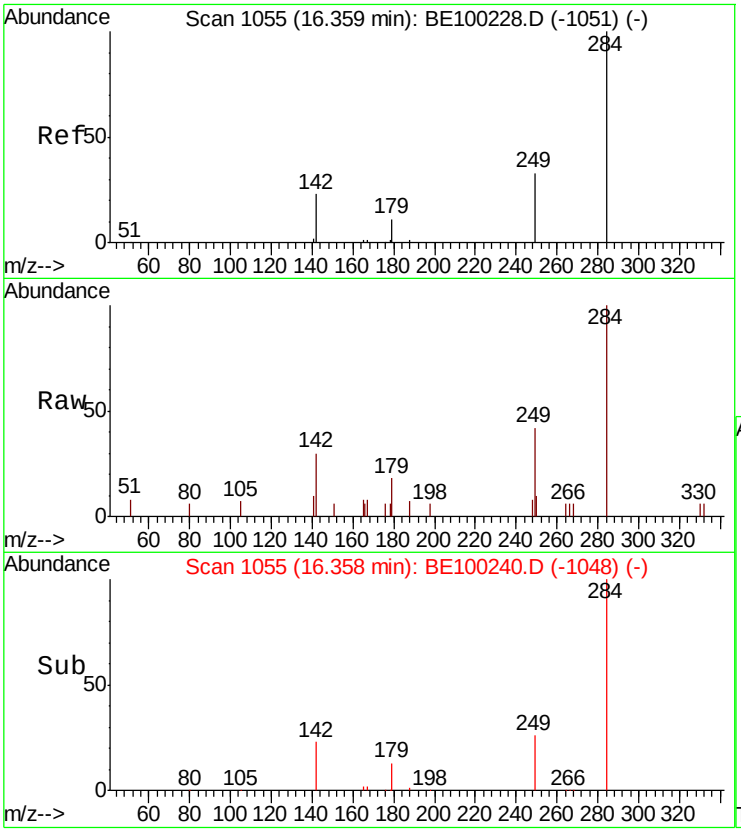


#20
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:248 Resp: 1259

Ion	Ratio	Lower	Upper
248	100		
250	104.5	84.2	126.4
141	35.9	29.3	43.9



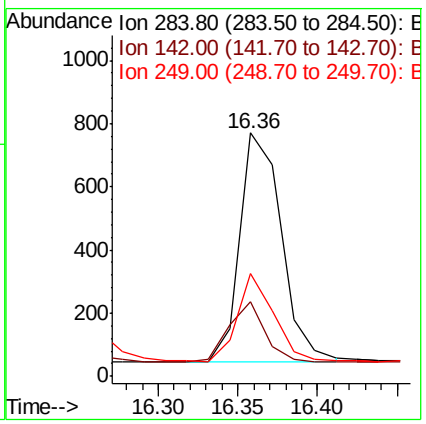


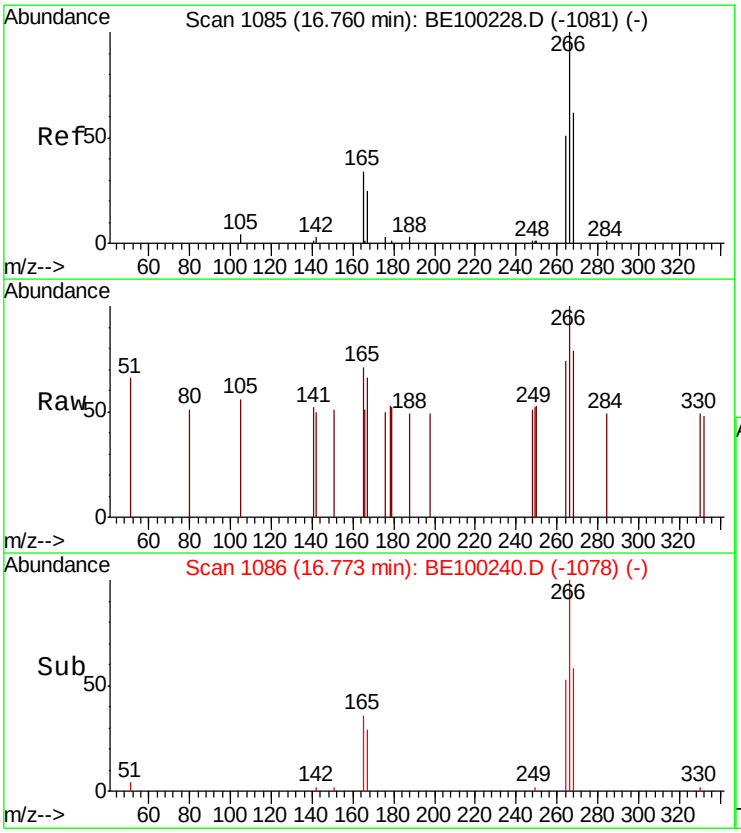
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1326

Ion	Ratio	Lower	Upper
284	100		
142	23.3	18.8	28.2
249	32.5	23.7	35.5

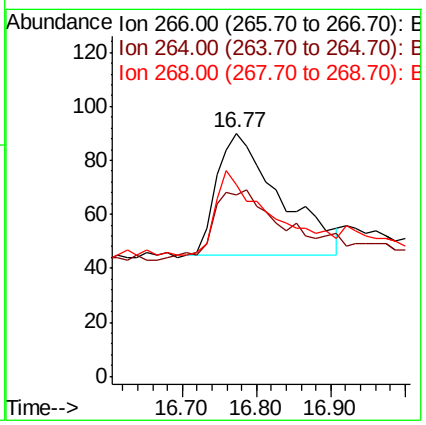


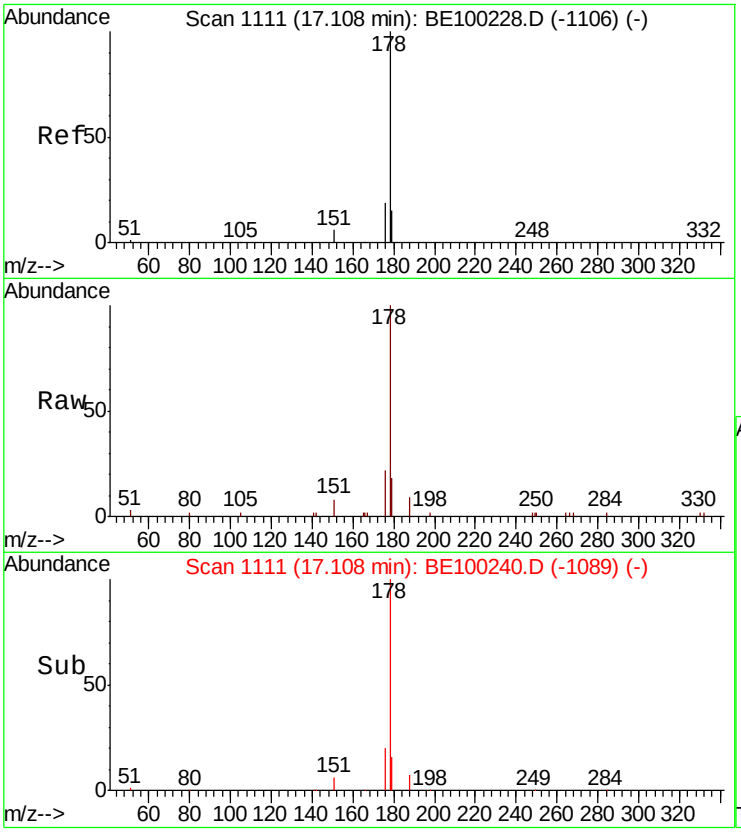


#22
Pentachlorophenol
Concen: 0.284 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:266 Resp: 267

Ion	Ratio	Lower	Upper
266	100		
264	74.4	56.2	84.2
268	78.9	61.8	92.6



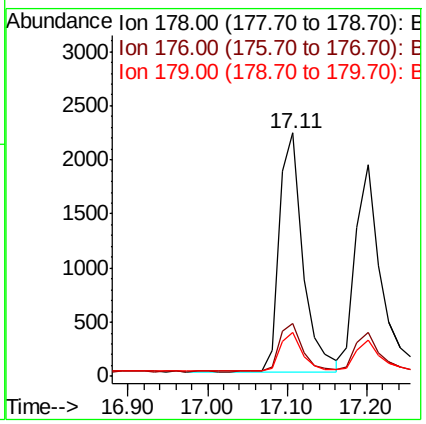


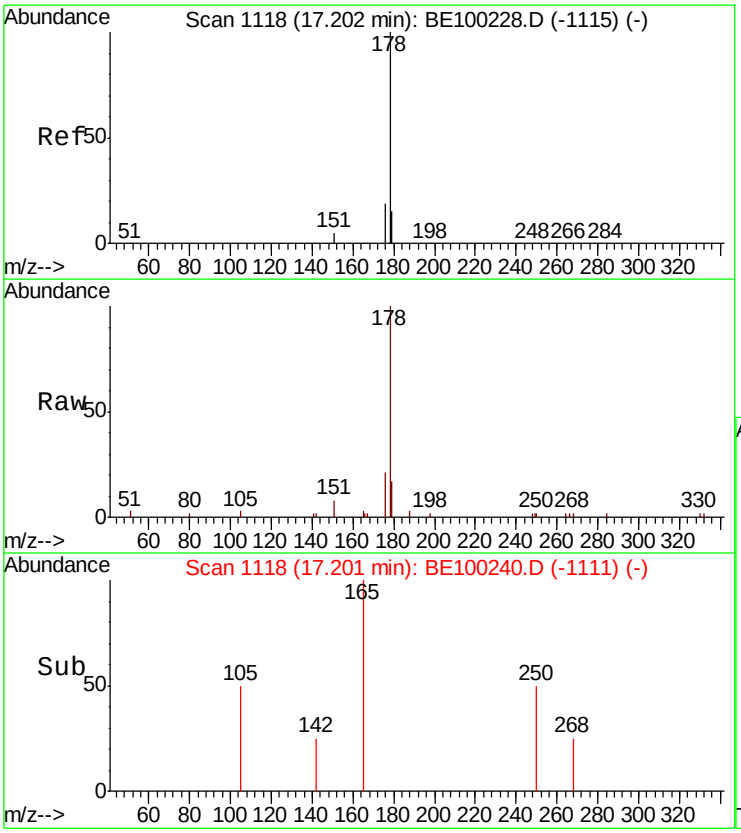
#23
Phenanthrene
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 4572

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.0	12.2	18.2

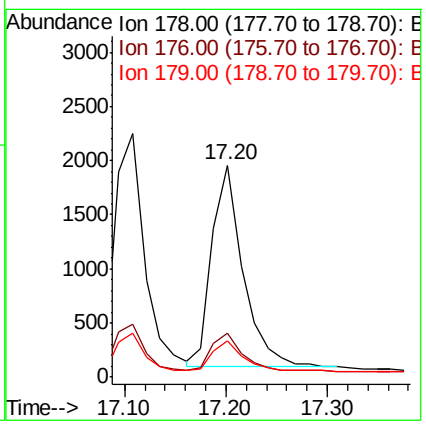


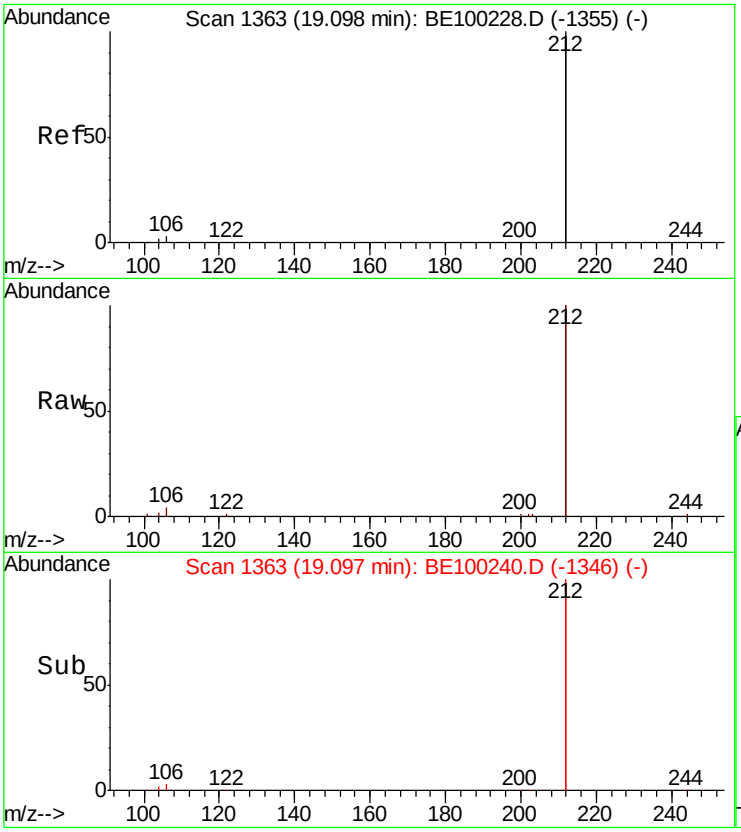


#24
Anthracene
Concen: 0.385 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:178 Resp: 3966

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.2	18.2



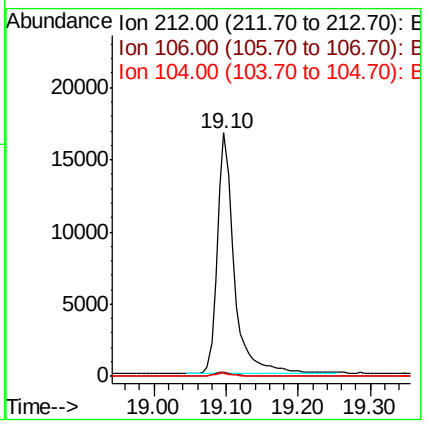


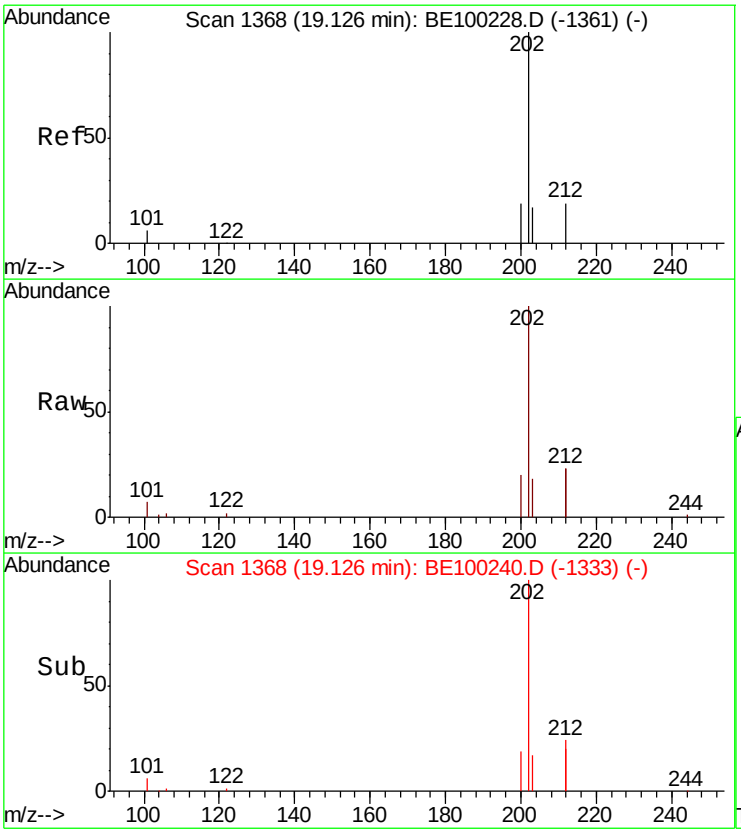
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 27046

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2

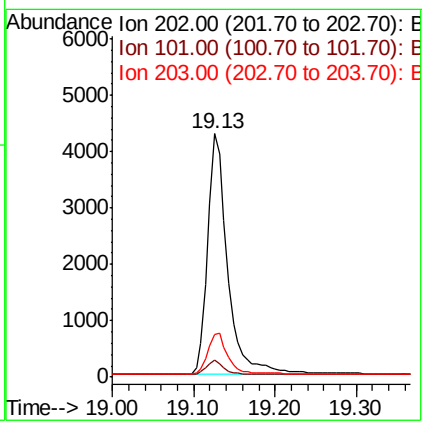


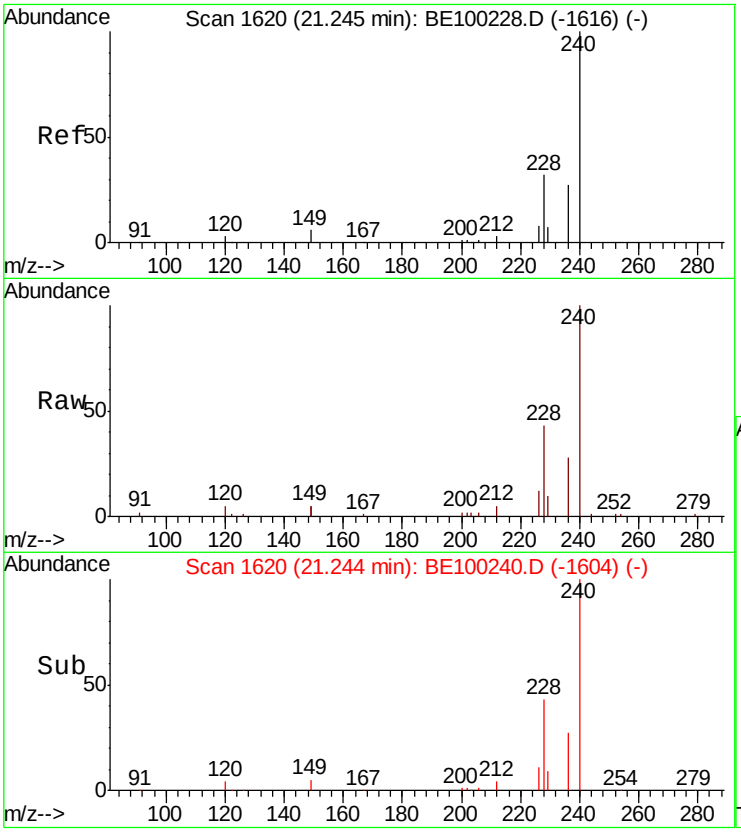


#26
Fluoranthene
Concen: 0.403 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:202 Resp: 7344

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.2	13.7	20.5



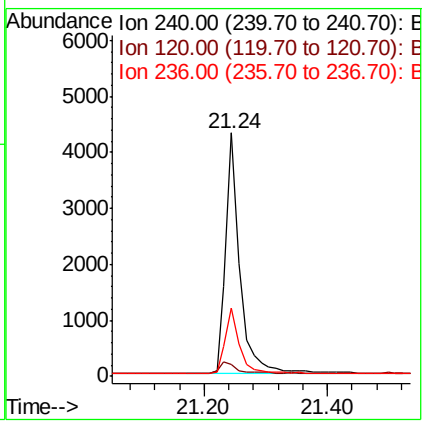


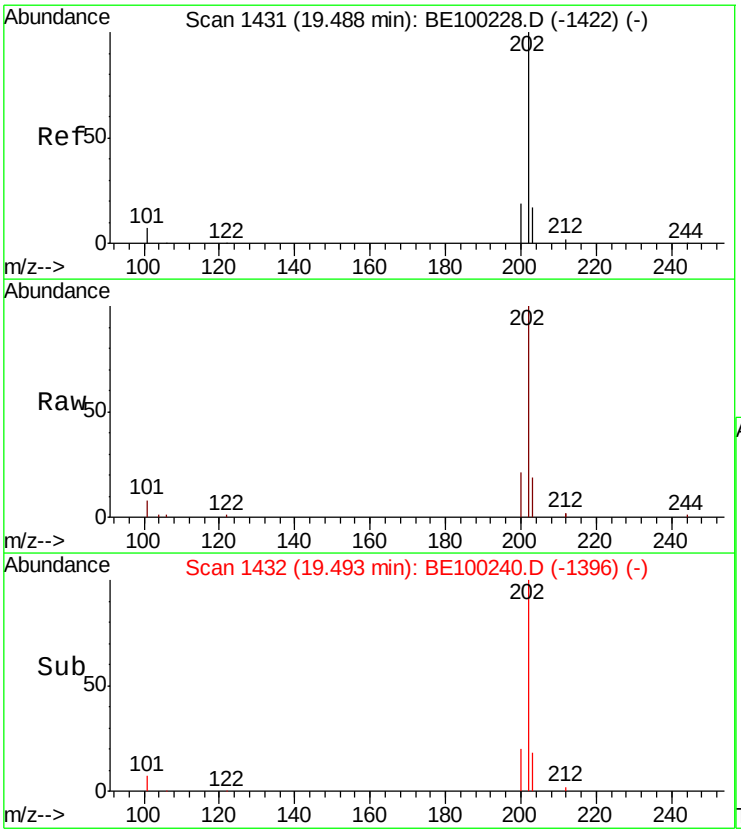
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6957

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.3	4.9
236	27.9	22.6	34.0

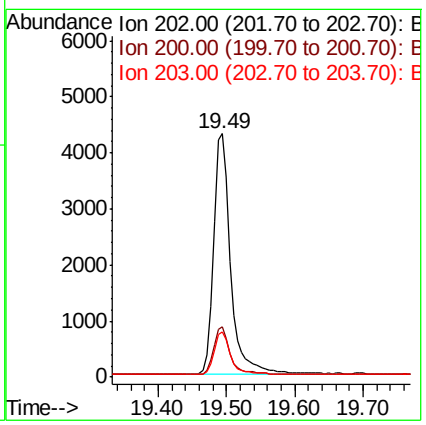


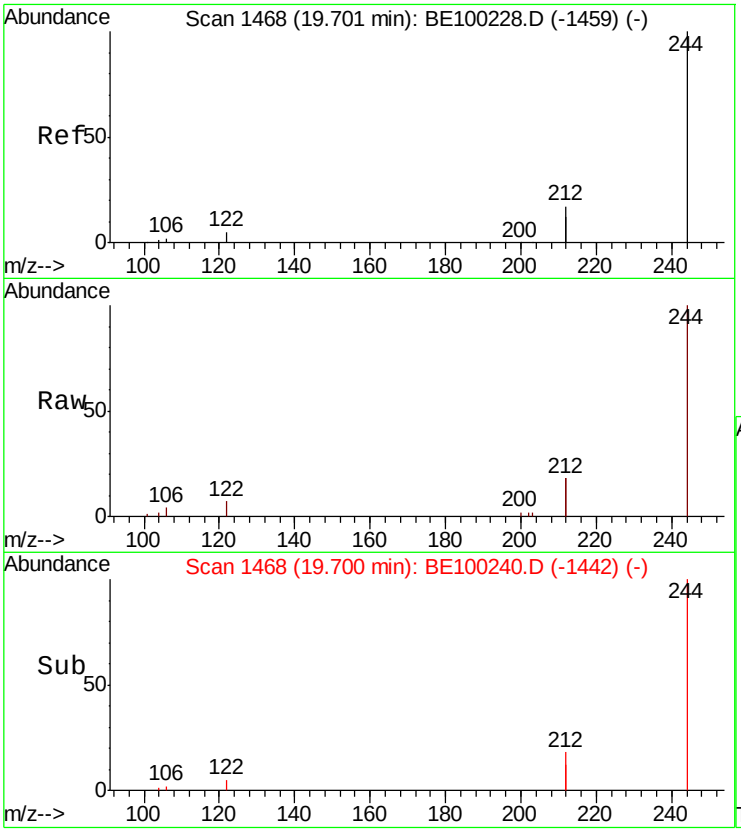


#28
Pyrene
Concen: 0.412 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:202 Resp: 7586

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.6	23.4
203	17.3	14.0	21.0



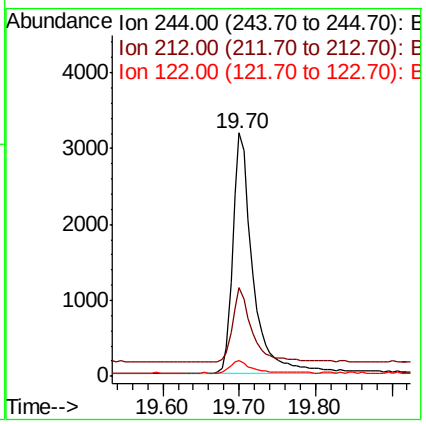


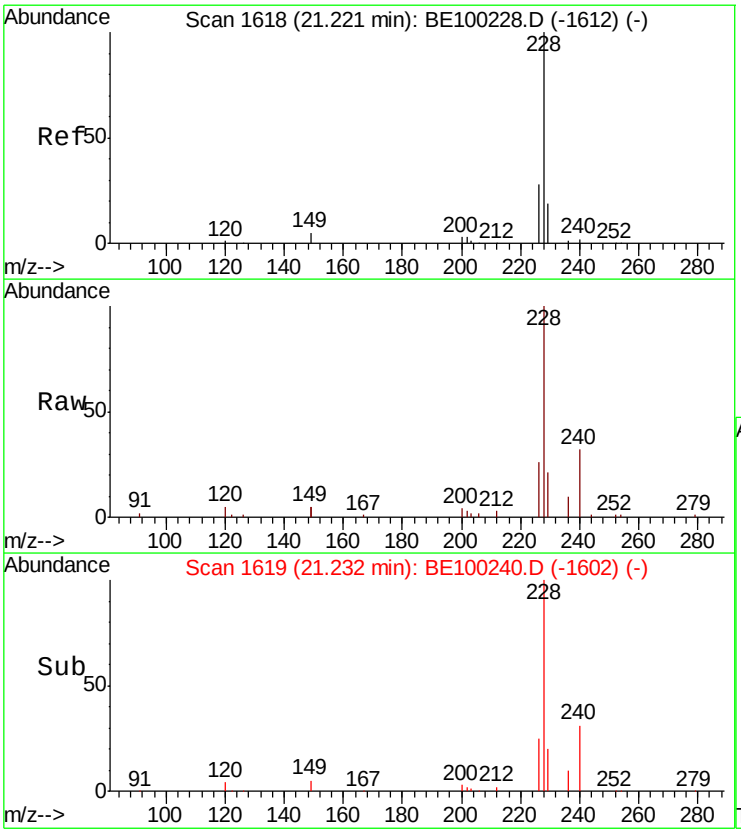
#29
Terphenyl-d14
Concen: 0.400 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 5769

Ion	Ratio	Lower	Upper
244	100		
212	36.3	27.3	40.9
122	6.5	4.7	7.1

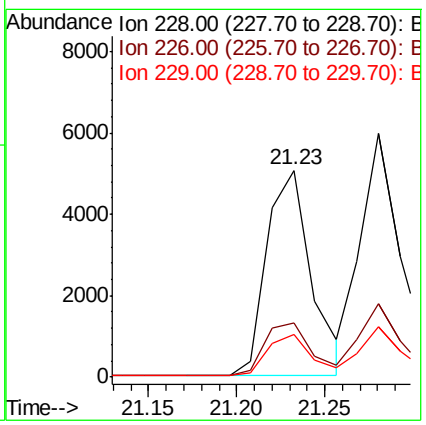


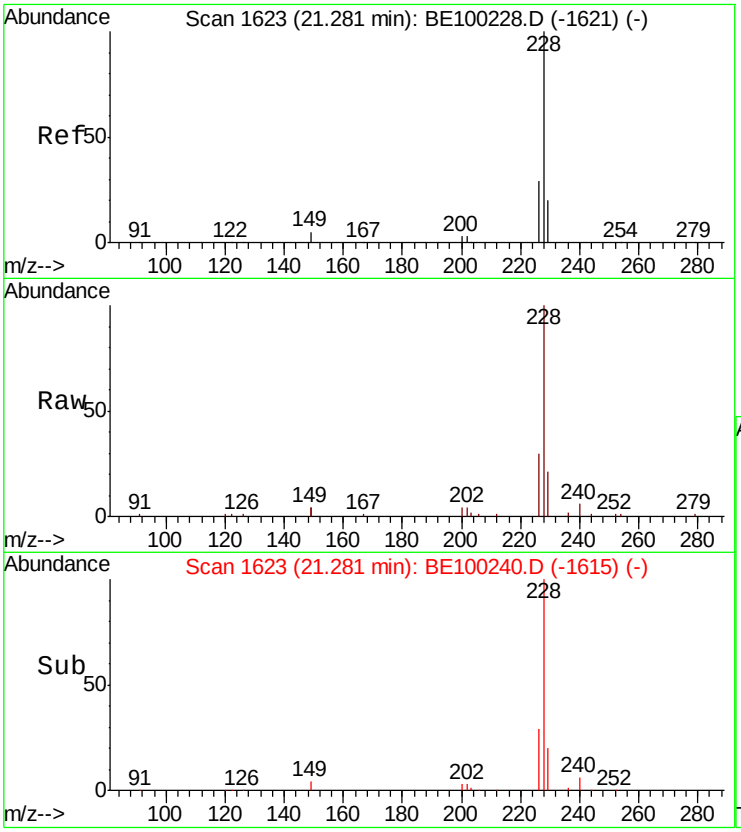


#30
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:228 Resp: 8834

Ion	Ratio	Lower	Upper
228	100		
226	26.0	23.2	34.8
229	20.9	15.7	23.5



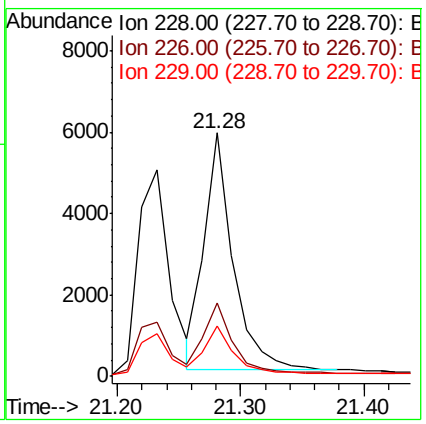


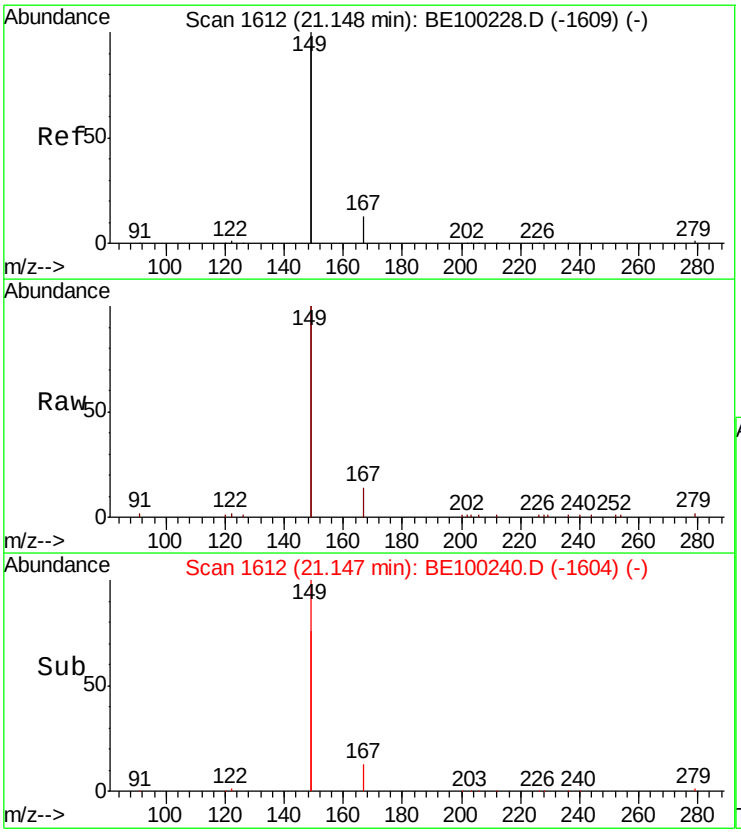
#31
Chrysene
Concen: 0.411 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9451

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.6	16.5	24.7

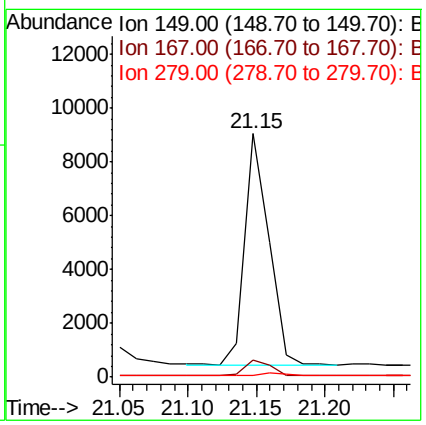


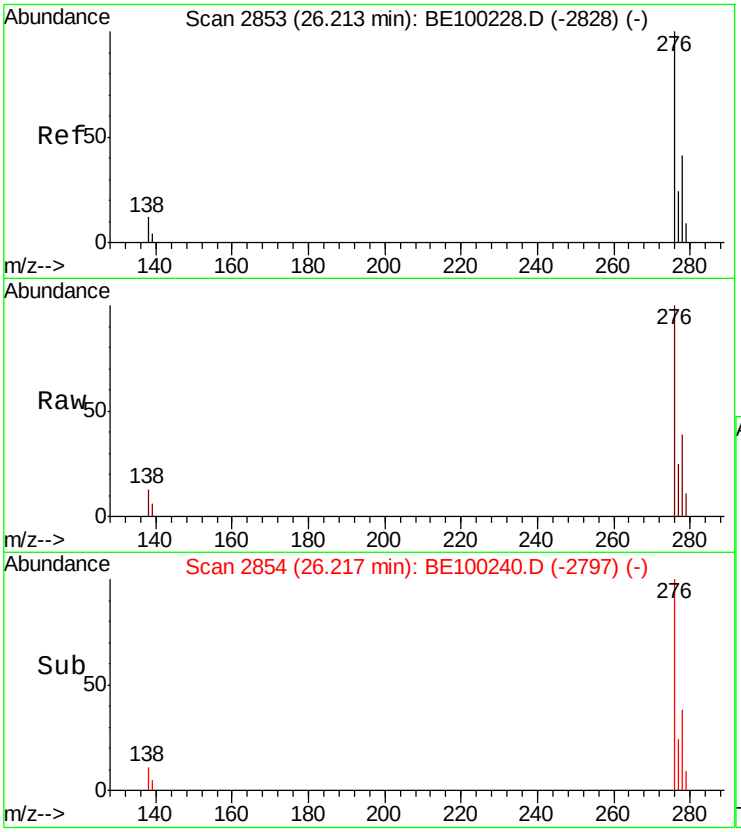


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.269 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:149 Resp: 10556

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.8
279	1.4	1.1	1.7



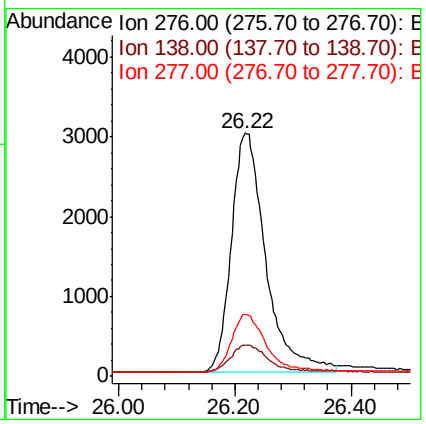


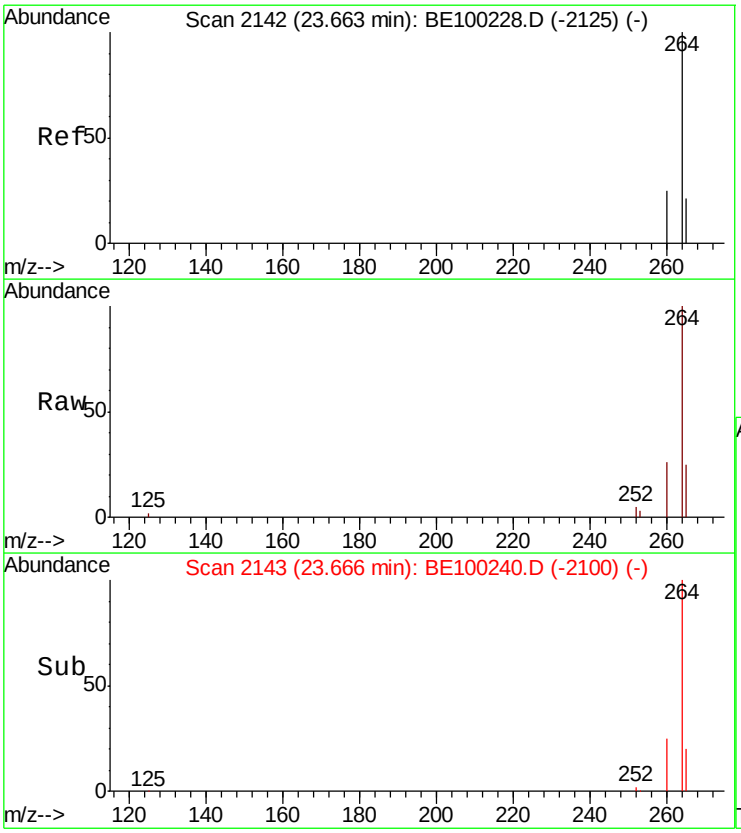
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12368

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.4	14.0
277	24.5	19.2	28.8

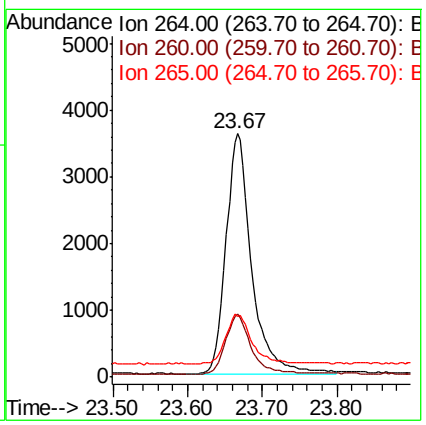


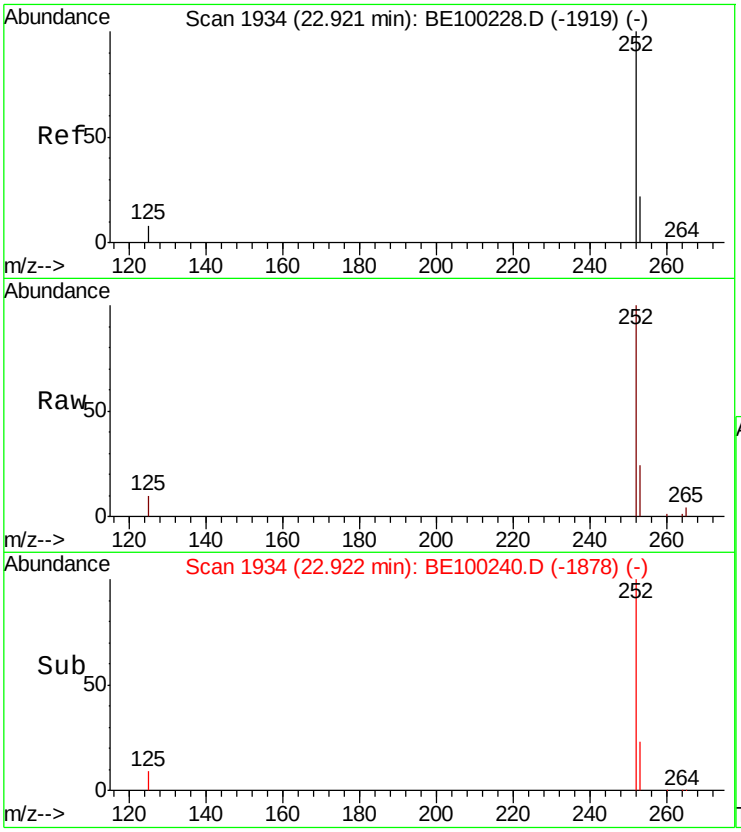


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:264 Resp: 8541

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.8	31.2
265	24.9	21.8	32.6



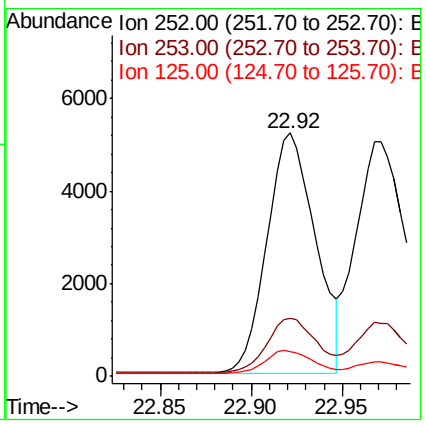


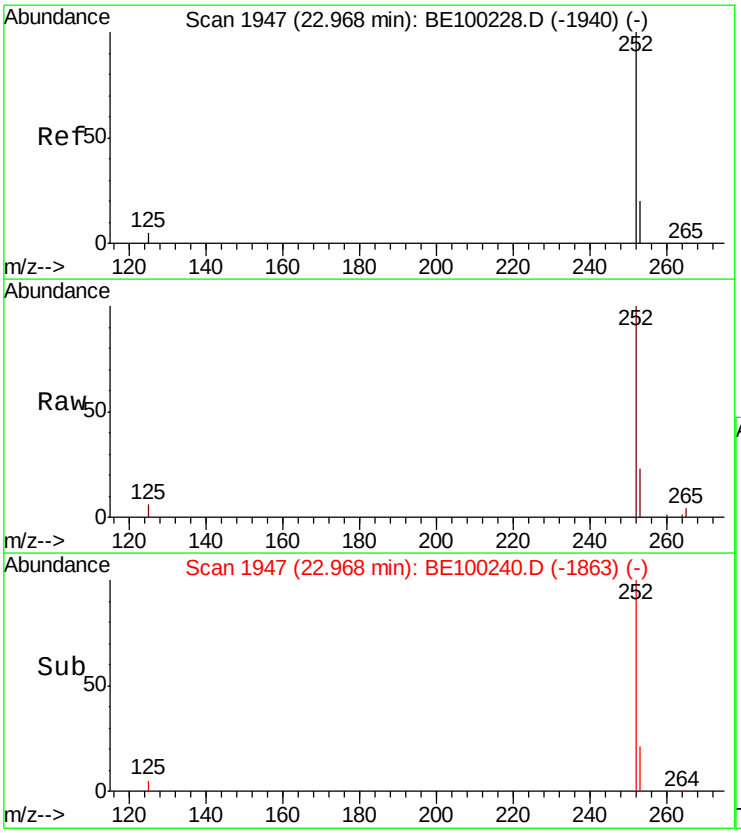
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9620

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.2	7.4	11.0

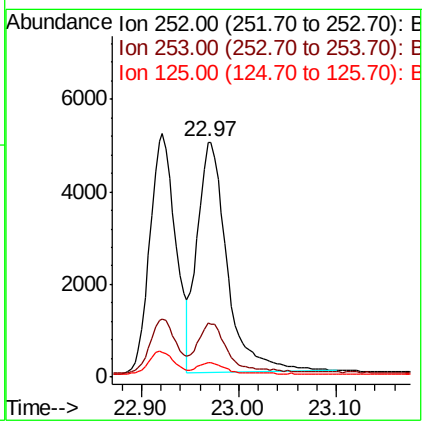


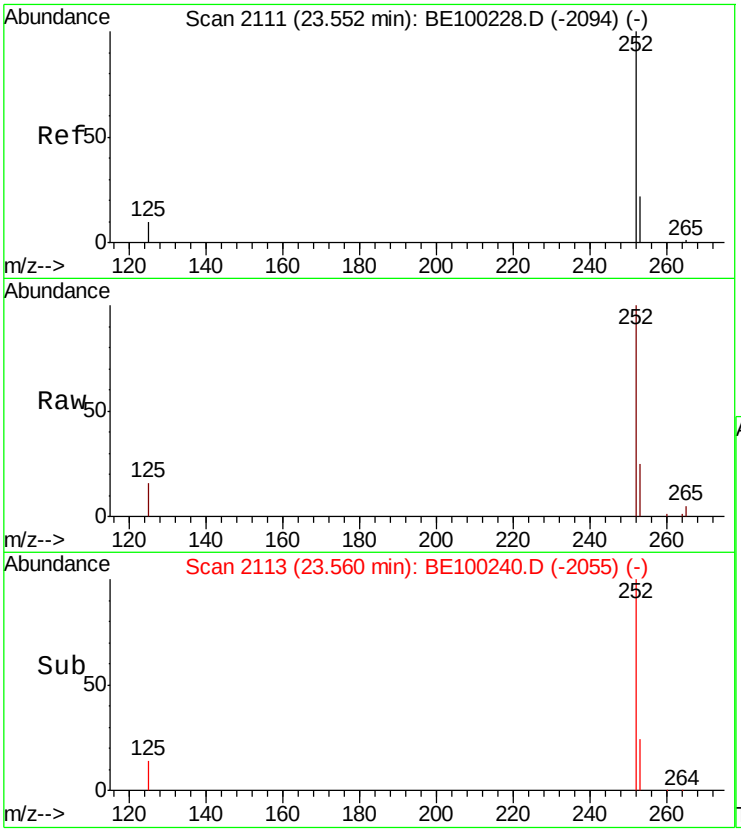


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:252 Resp: 10638

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	5.9	5.0	7.4



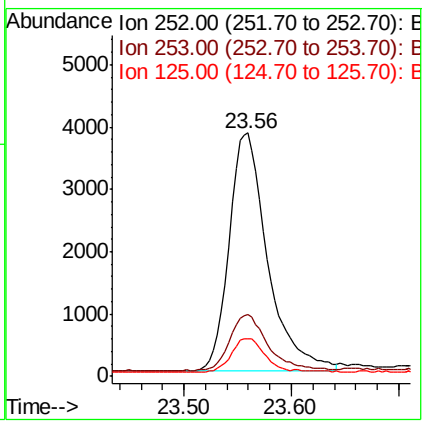


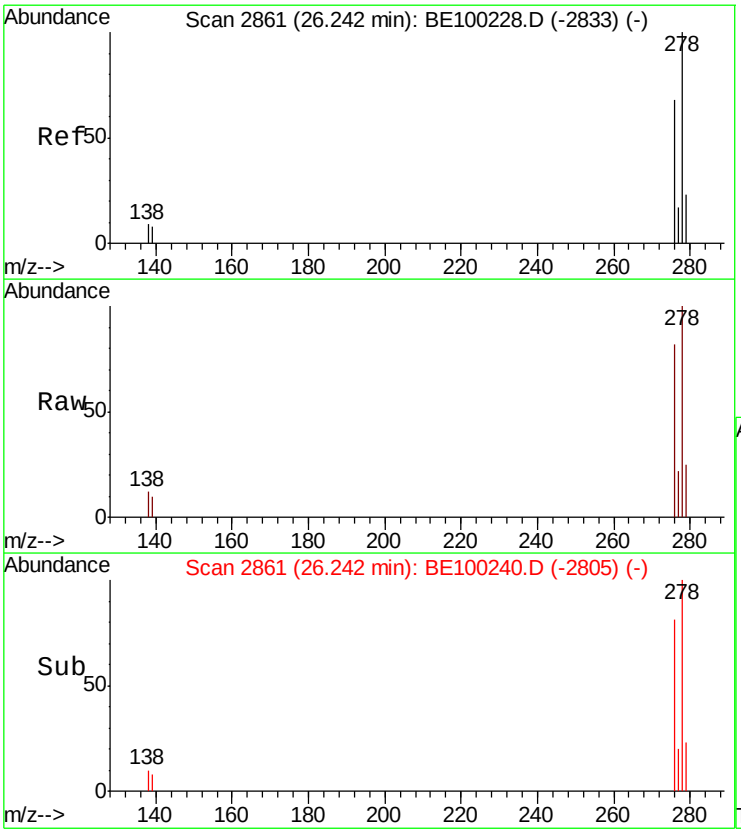
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9533

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.6	29.4
125	15.6	9.0	13.6#

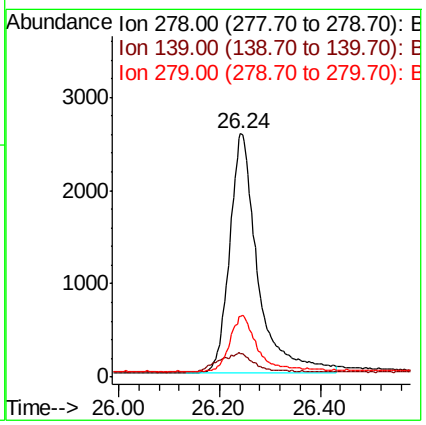


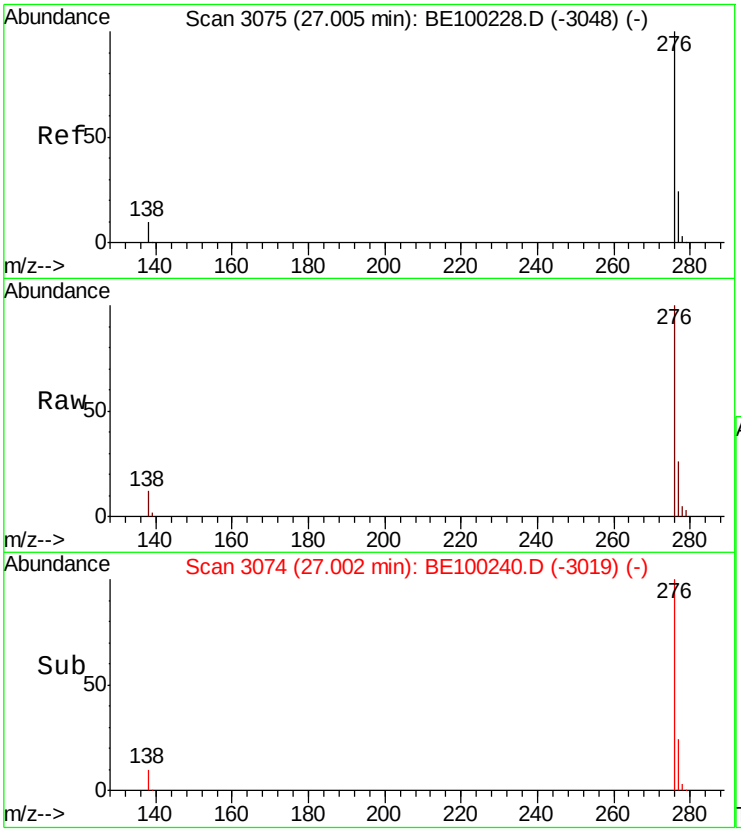


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 26.24 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Tgt Ion:278 Resp: 9943

Ion	Ratio	Lower	Upper
278	100		
139	9.7	8.2	12.2
279	24.8	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.00 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BE100240.D
Acq: 28 Jun 2019 18:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10066

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.2
138	11.9	9.0	13.6