Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100025.D
Acq On : 14 Jun 2019 16:19
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 15 00:49:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

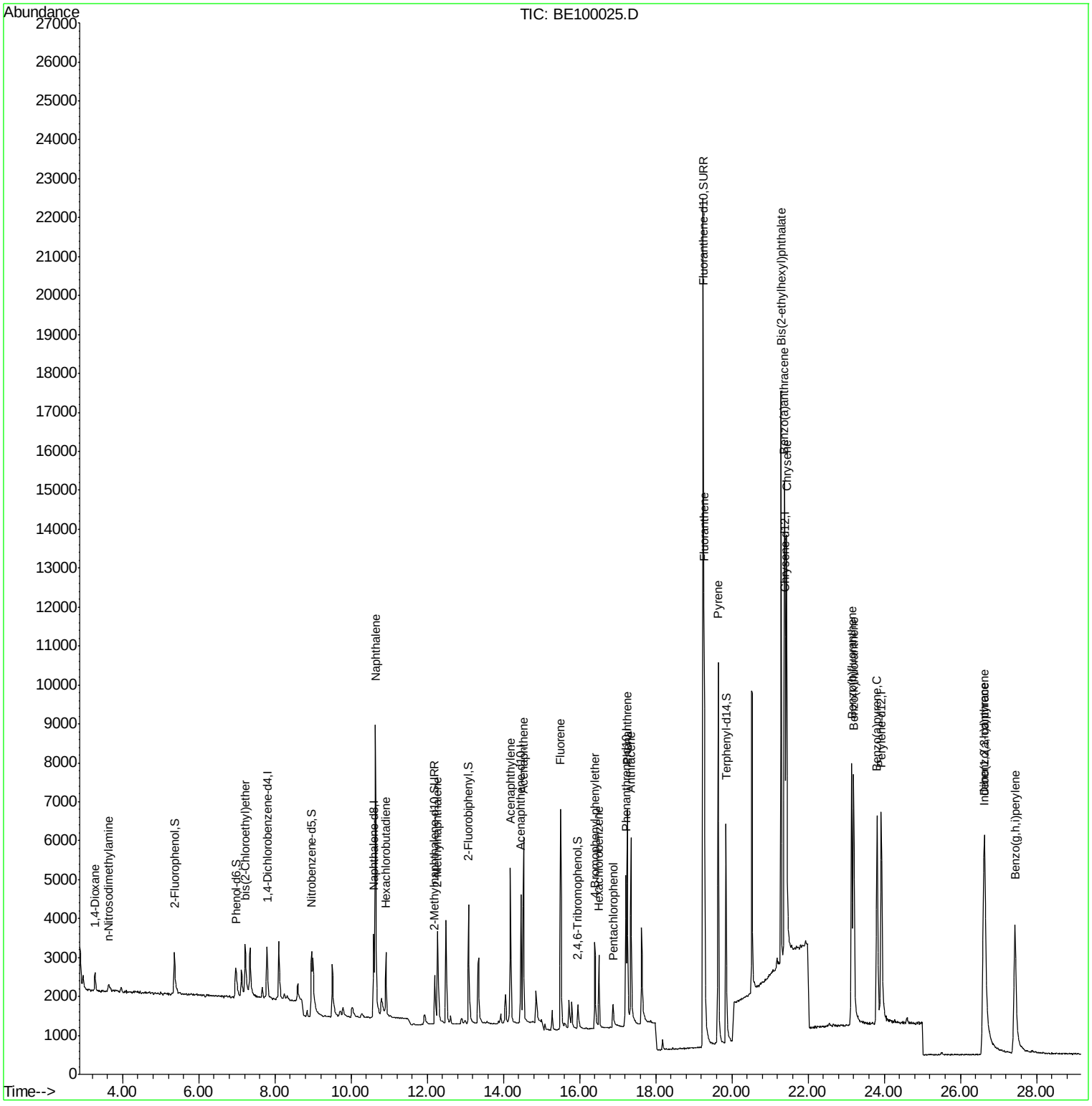
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	875	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3287	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	2422	0.40	ng		-0.01
19) Phenanthrene-d10	17.21	188	7268	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8974	0.40	ng		0.00
34) Perylene-d12	23.93	264	10063	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	985	0.42	ng		0.00
5) Phenol-d6	6.97	99	1275	0.42	ng		0.00
8) Nitrobenzene-d5	8.97	82	1285	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	2419	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	616	0.34	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	3809	0.41	ng		-0.01
25) Fluoranthene-d10	19.25	212	37880	0.36	ng		0.00
29) Terphenyl-d14	19.84	244	7376	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	493	0.381	ng		97
3) n-Nitrosodimethylamine	3.62	42	178	0.238	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	949	0.382	ng		92
9) Naphthalene	10.64	128	14702	0.414	ng		99
10) Hexachlorobutadiene	10.91	225	1167	0.431	ng		98
12) 2-Methylnaphthalene	12.27	142	2388	0.414	ng		95
16) Acenaphthylene	14.18	152	4957	0.411	ng		99
17) Acenaphthene	14.53	154	2572	0.392	ng		98
18) Fluorene	15.50	166	3963	0.402	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1773	0.431	ng	#	87
21) Hexachlorobenzene	16.50	284	1747	0.415	ng		99
22) Pentachlorophenol	16.88	266	639	0.615	ng		86
23) Phenanthrene	17.25	178	6895	0.391	ng		100
24) Anthracene	17.35	178	6287	0.389	ng		100
26) Fluoranthene	19.28	202	10707	0.357	ng		99
28) Pyrene	19.64	202	11007	0.467	ng		100
30) Benzo(a)anthracene	21.38	228	12425	0.463	ng		100
31) Chrysene	21.44	228	11869	0.428	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	16749	0.435	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	13483	0.410	ng		98
35) Benzo(b)fluoranthene	23.14	252	11175	0.396	ng		96
36) Benzo(k)fluoranthene	23.20	252	12211	0.414	ng		97
37) Benzo(a)pyrene	23.81	252	11343	0.408	ng	#	95
38) Dibenzo(a,h)anthracene	26.64	278	10700	0.382	ng	#	95
39) Benzo(g,h,i)perylene	27.43	276	10903	0.377	ng		98

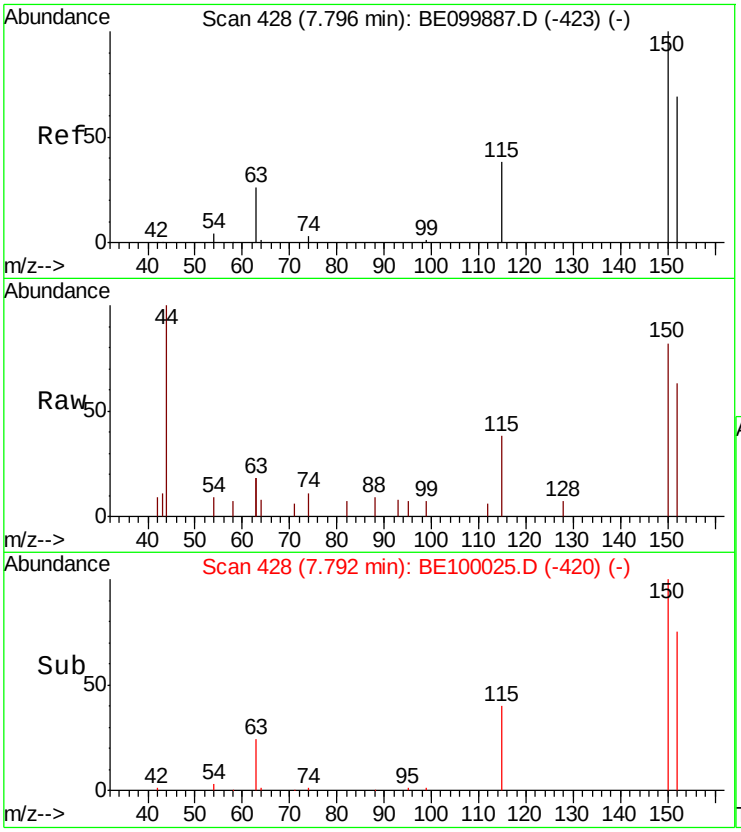
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100025.D
Acq On : 14 Jun 2019 16:19
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 15 00:49:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



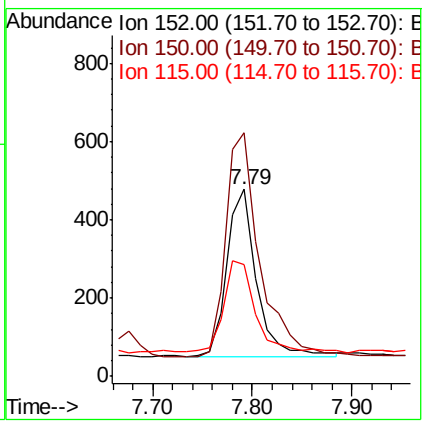


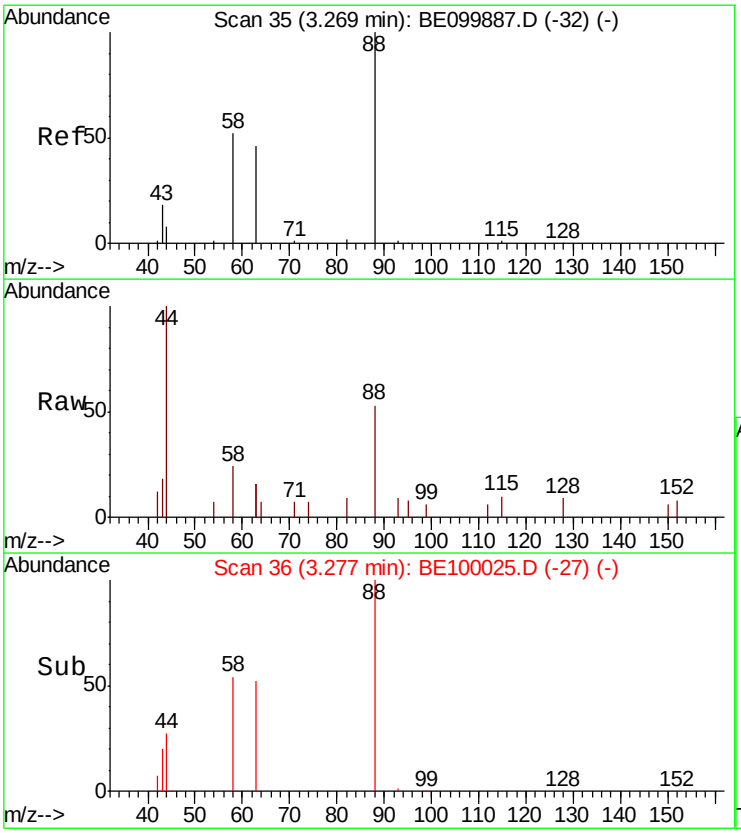
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 875

Ion	Ratio	Lower	Upper
152	100		
150	130.1	111.0	166.6
115	59.8	50.7	76.1

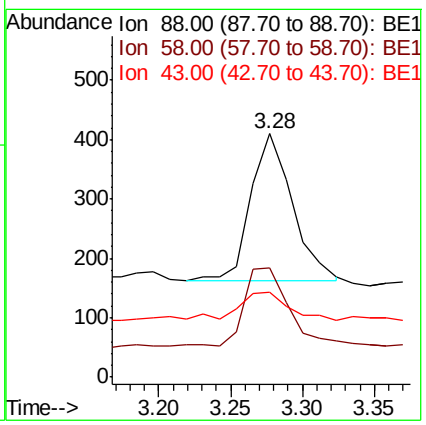


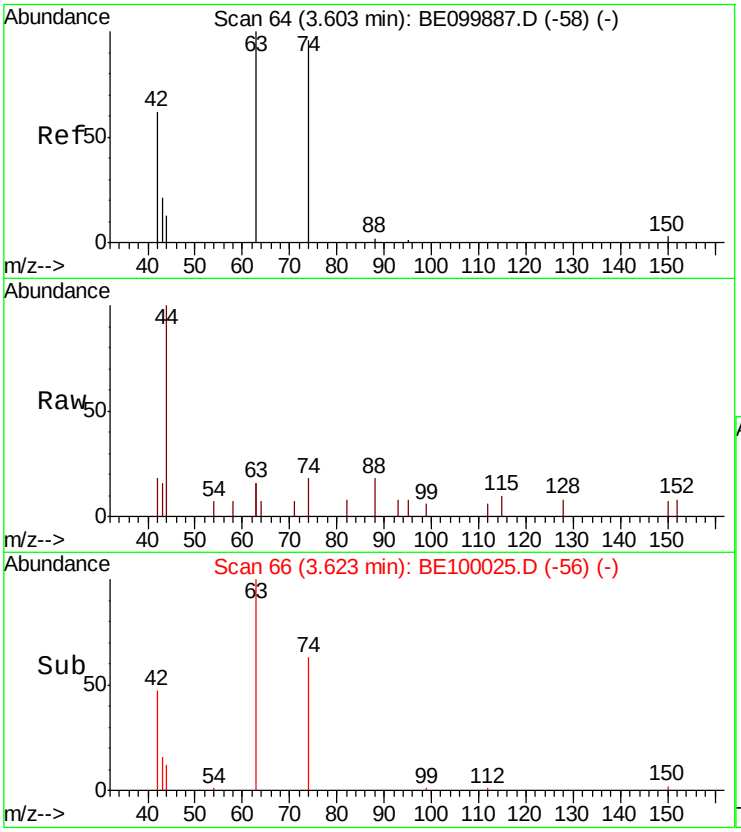


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion: 88 Resp: 493

Ion	Ratio	Lower	Upper
88	100		
58	57.8	48.8	73.2
43	24.1	19.0	28.6



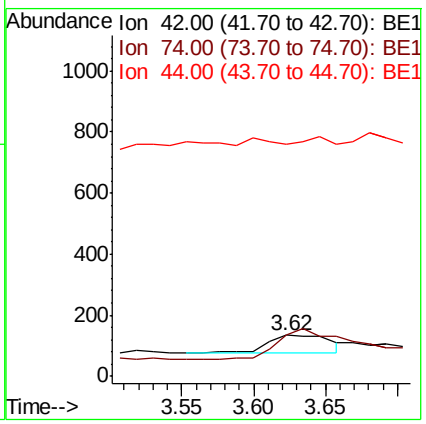


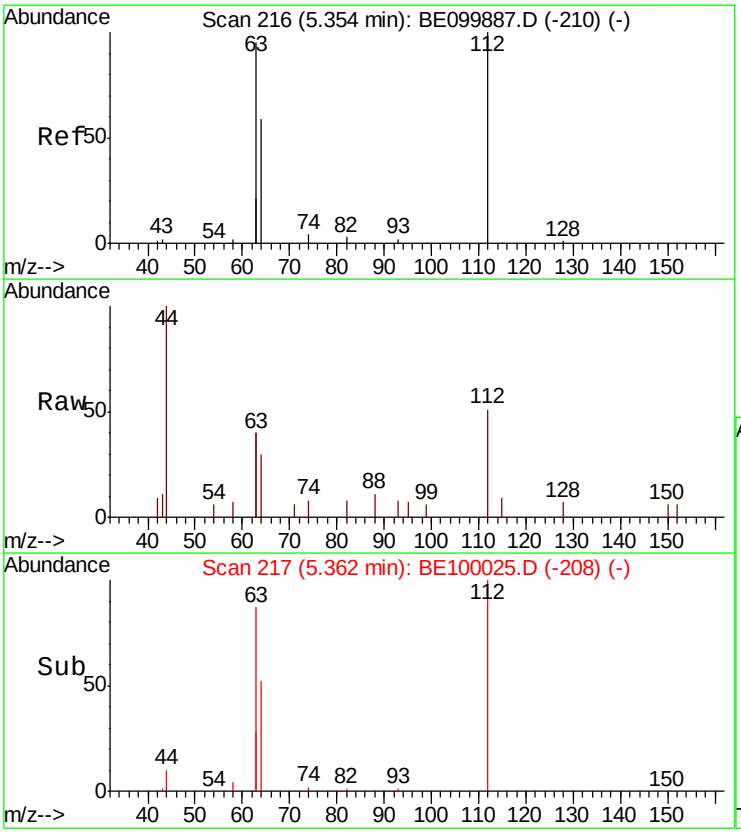
#3
n-Nitrosodimethylamine
Concen: 0.238 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.02 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 178

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

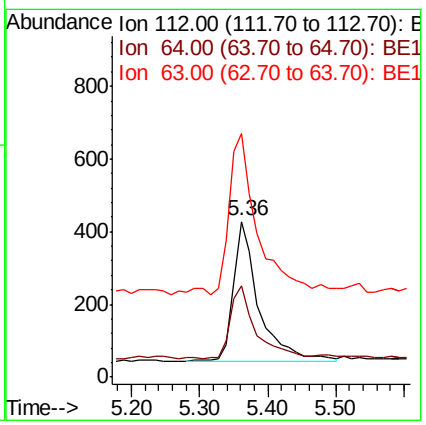


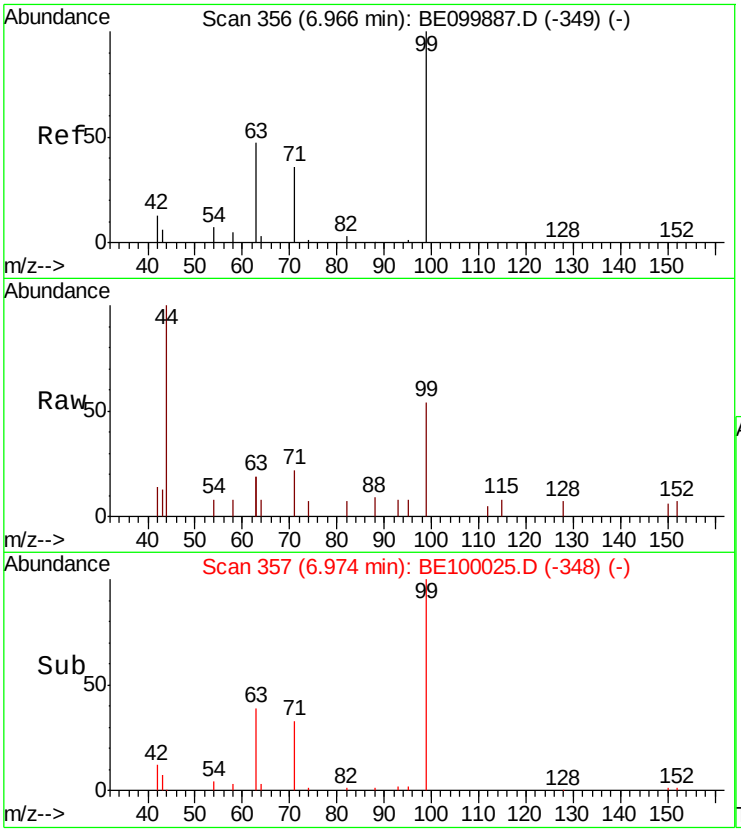


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:112 Resp: 985

Ion	Ratio	Lower	Upper
112	100		
64	53.3	44.1	66.1
63	132.7	87.8	131.6#



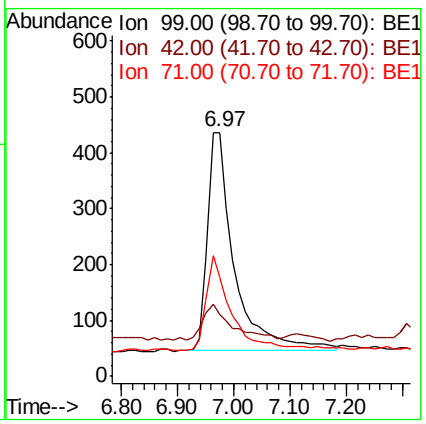


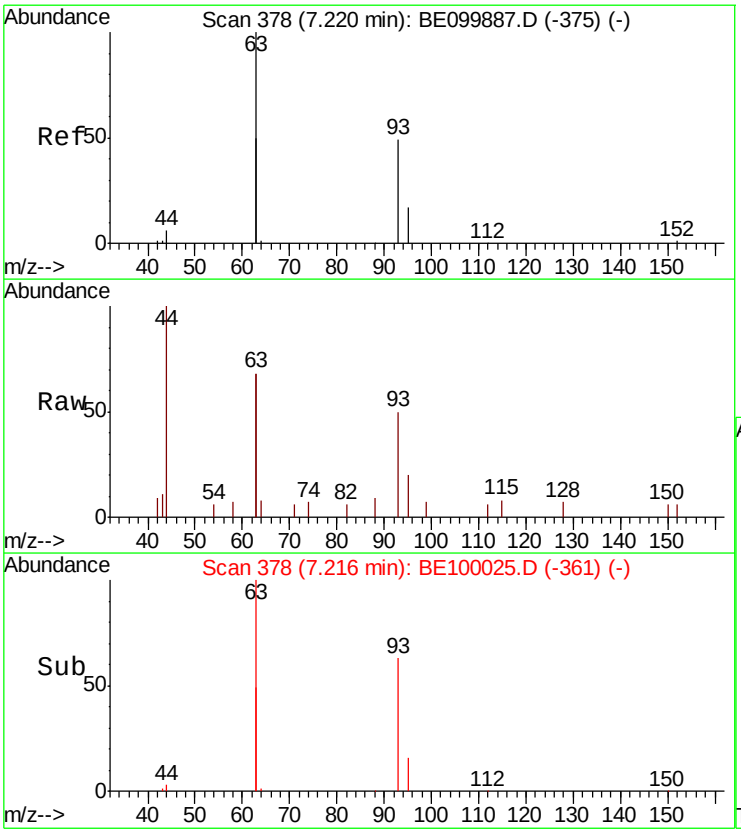
#5
Phenol-d6
Concen: 0.419 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1275

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	42.5	34.6	52.0

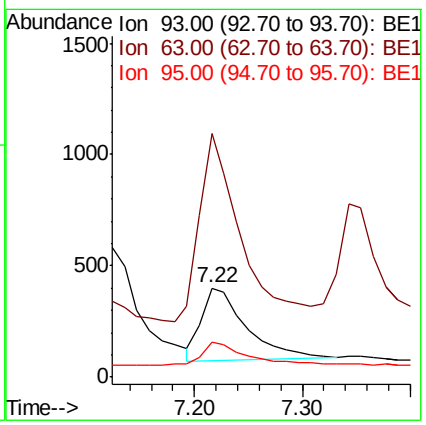


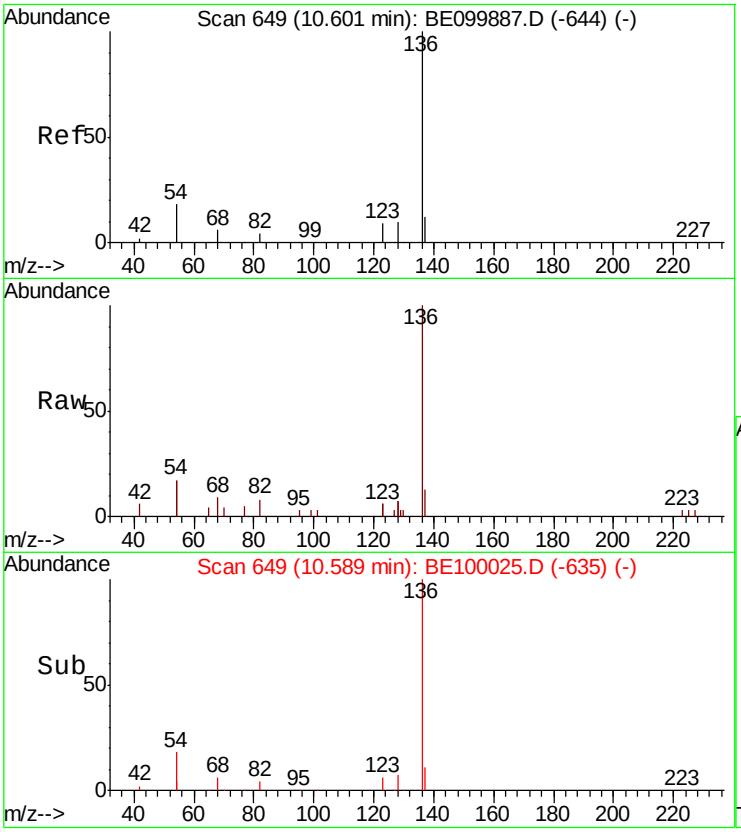


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion: 93 Resp: 949

Ion	Ratio	Lower	Upper
93	100		
63	239.0	202.8	304.2
95	33.8	23.7	35.5



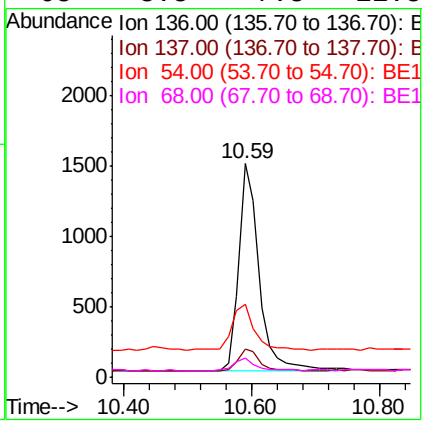


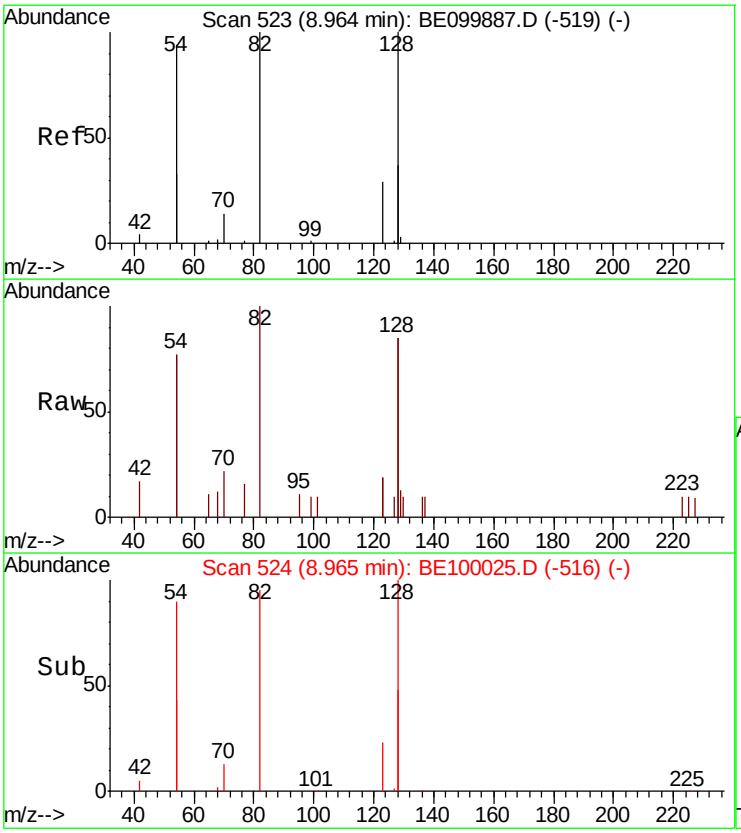
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3287

Ion	Ratio	Lower	Upper
136	100		
137	13.4	12.3	18.5
54	34.0	28.2	42.4
68	8.8	7.8	11.8

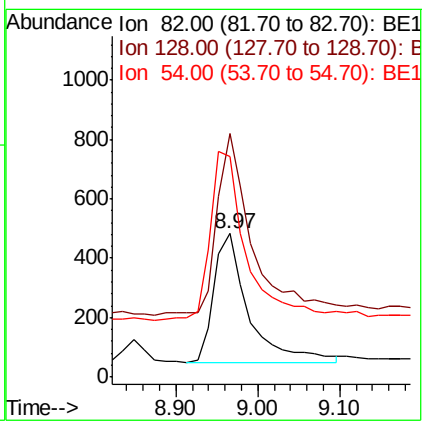


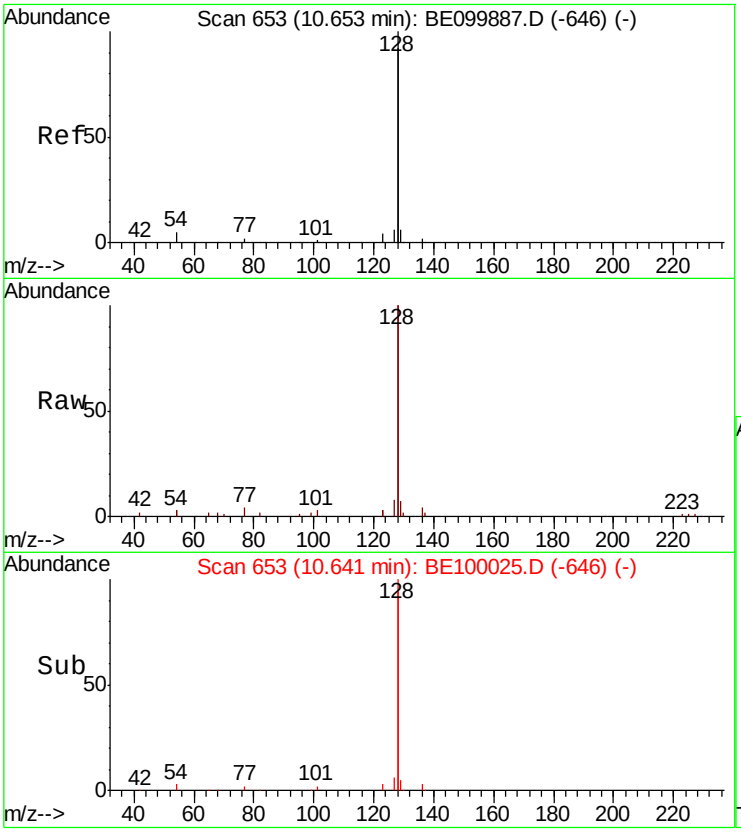


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 8.97 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion: 82 Resp: 1285

Ion	Ratio	Lower	Upper
82	100		
128	169.8	137.3	205.9
54	153.6	129.7	194.5



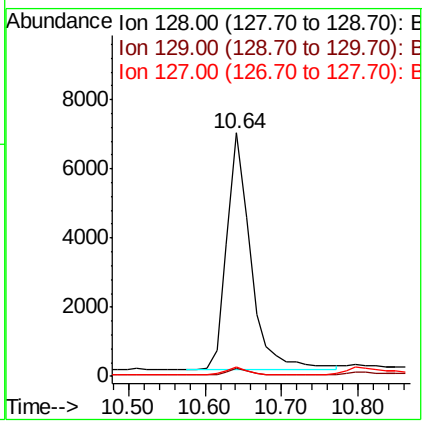


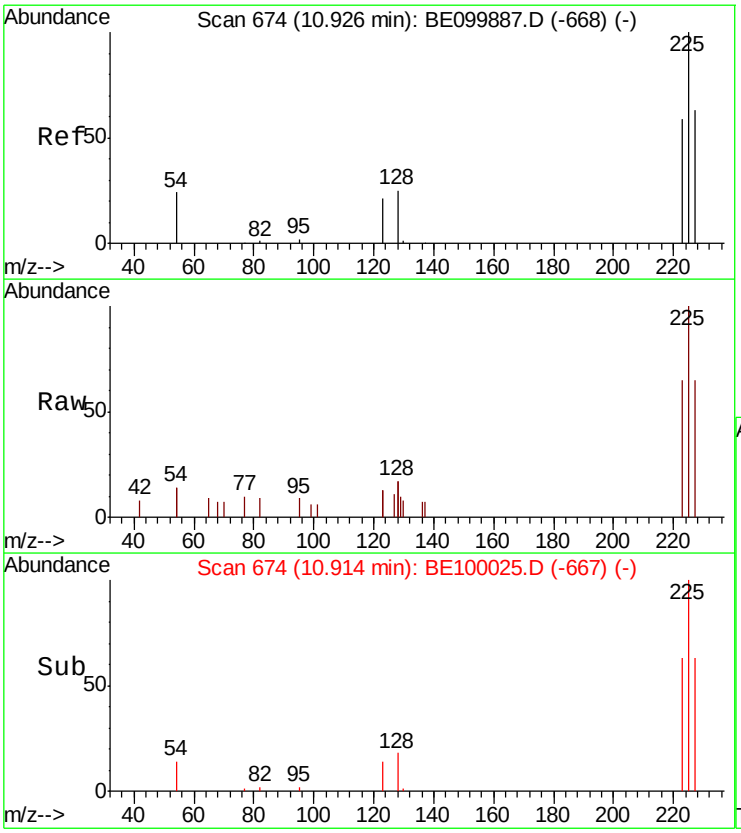
#9
Naphthalene
Concen: 0.414 ng
RT: 10.64 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 14702

Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	3.8	3.4	5.0

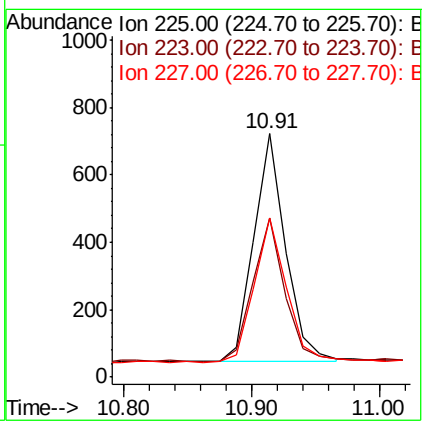


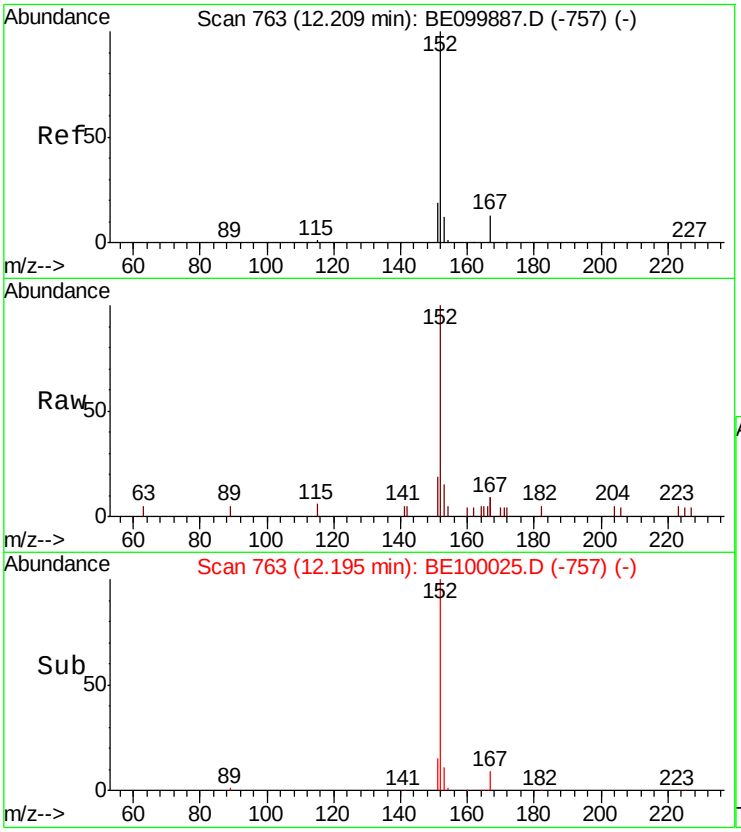


#10
Hexachlorobutadiene
Concen: 0.431 ng
RT: 10.91 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:225 Resp: 1167

Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.6	77.4
227	64.6	50.6	76.0



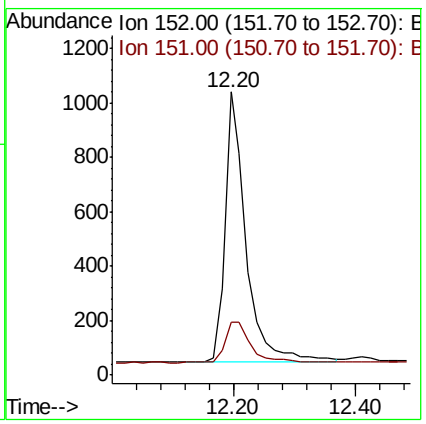


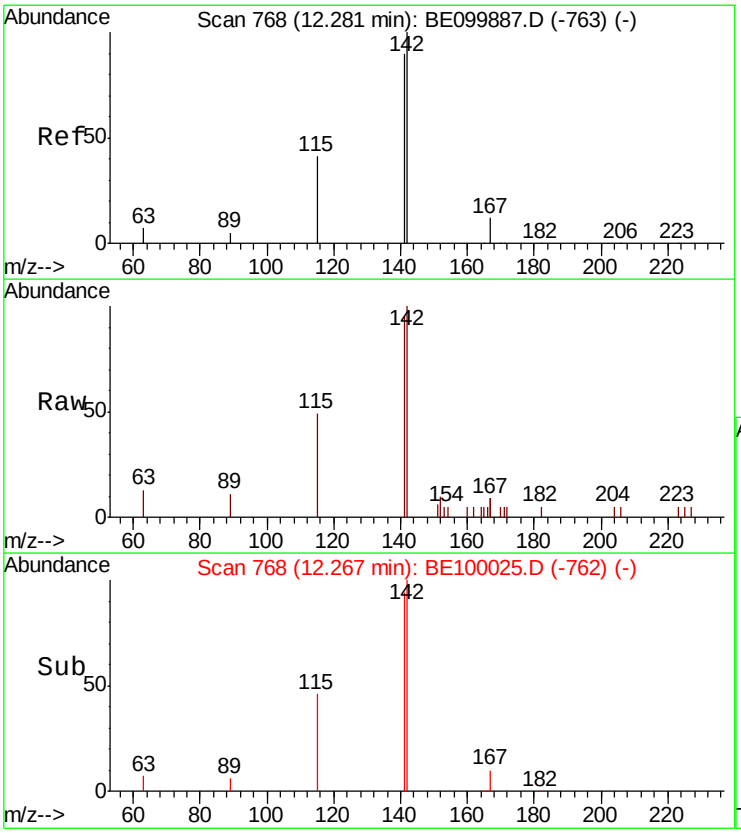
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.20 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2419

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.2	22.8

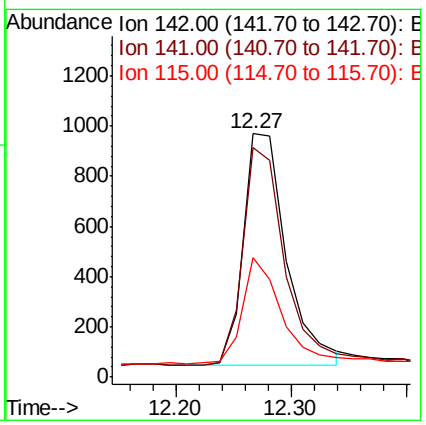


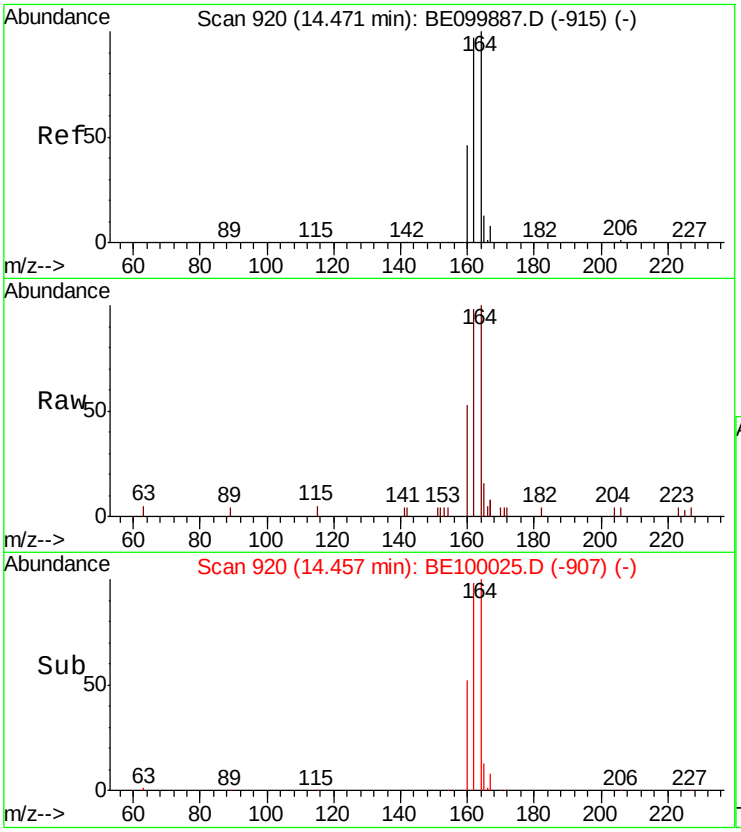


#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 12.27 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:142 Resp: 2388

Ion	Ratio	Lower	Upper
142	100		
141	94.5	72.3	108.5
115	48.9	36.4	54.6



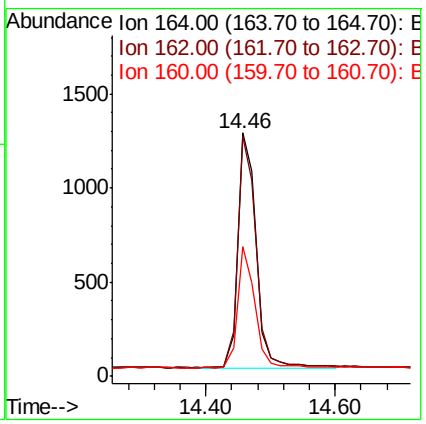


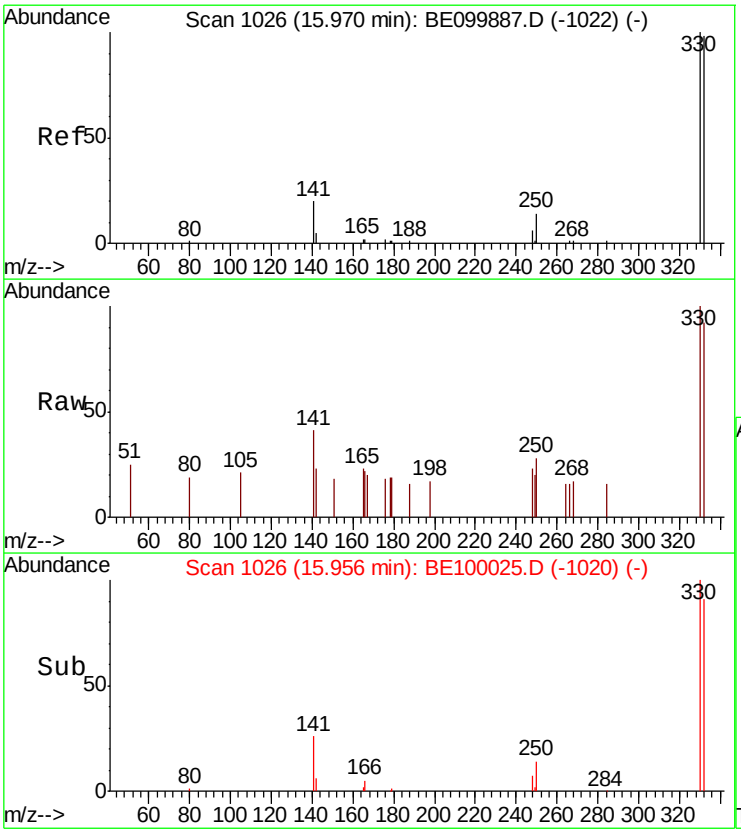
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2422

Ion	Ratio	Lower	Upper
164	100		
162	98.2	77.8	116.8
160	53.3	38.2	57.4

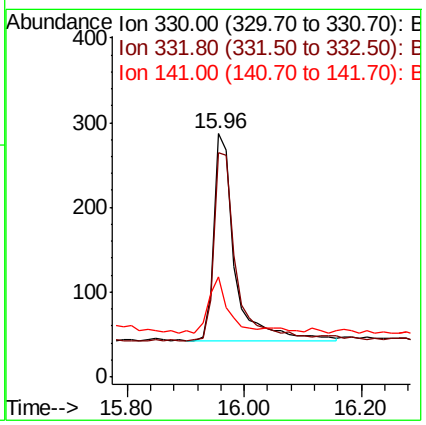


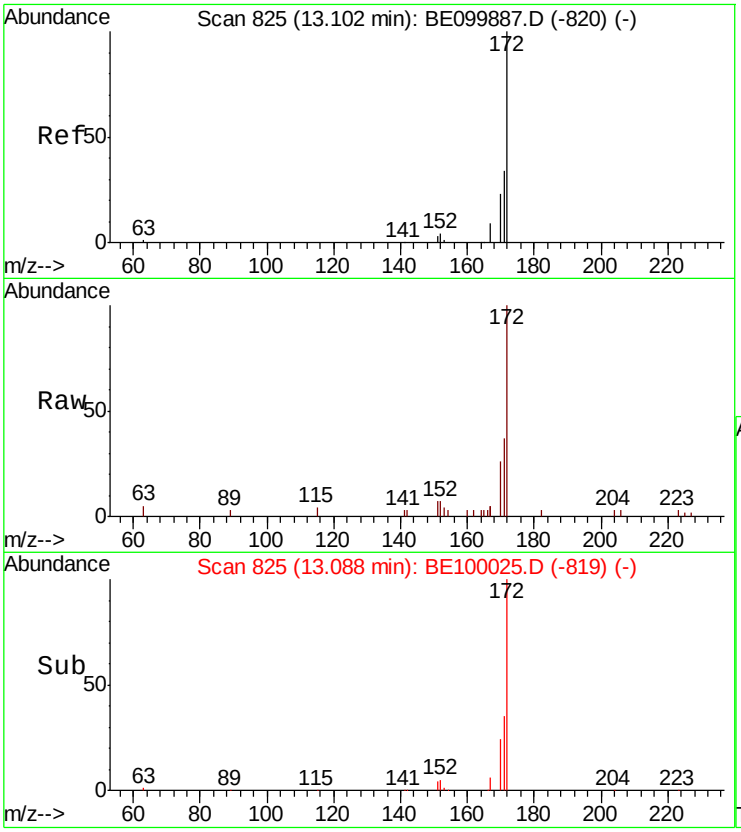


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.96 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:330 Resp: 616

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	24.8	21.0	31.6



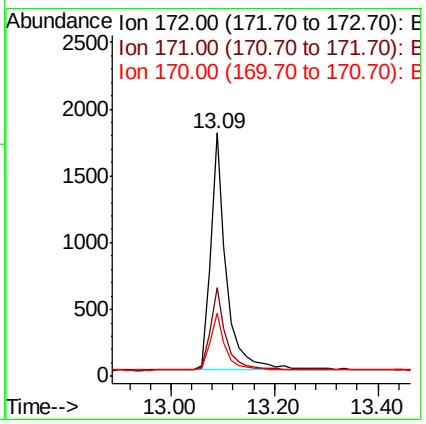


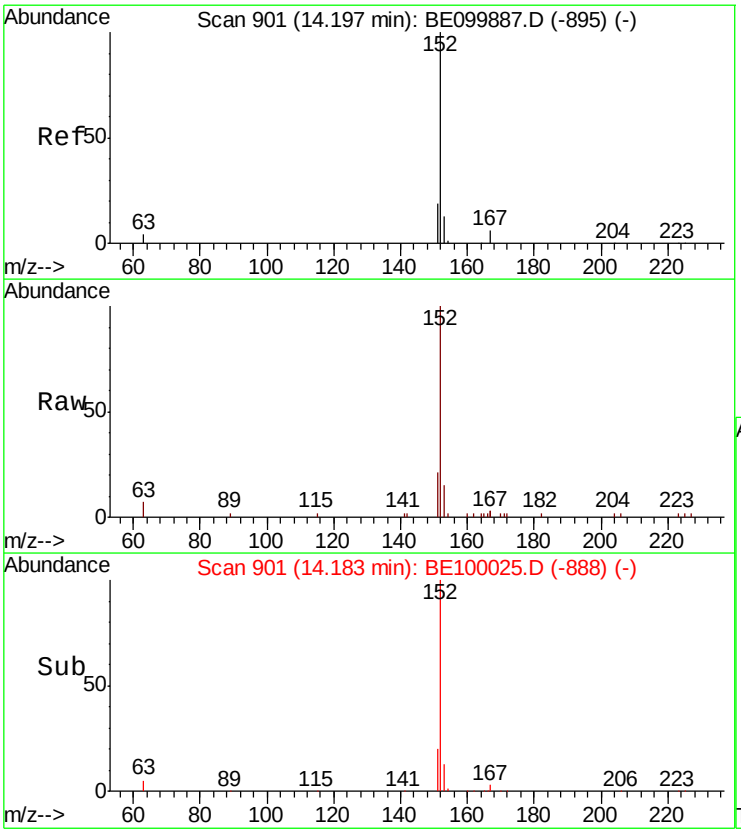
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.09 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3809

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	26.1	21.2	31.8

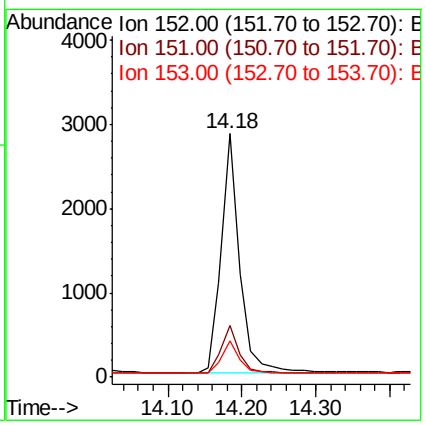


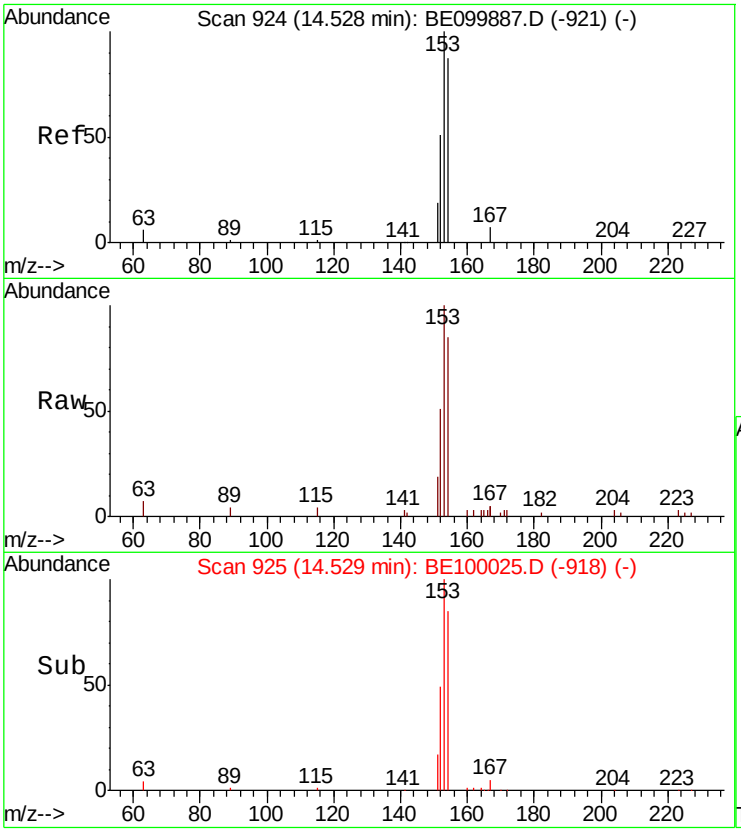


#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:152 Resp: 4957

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	12.8	10.2	15.2



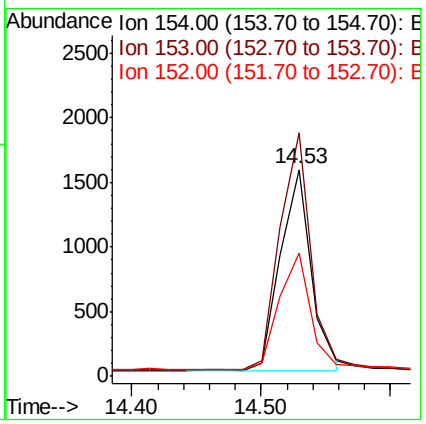


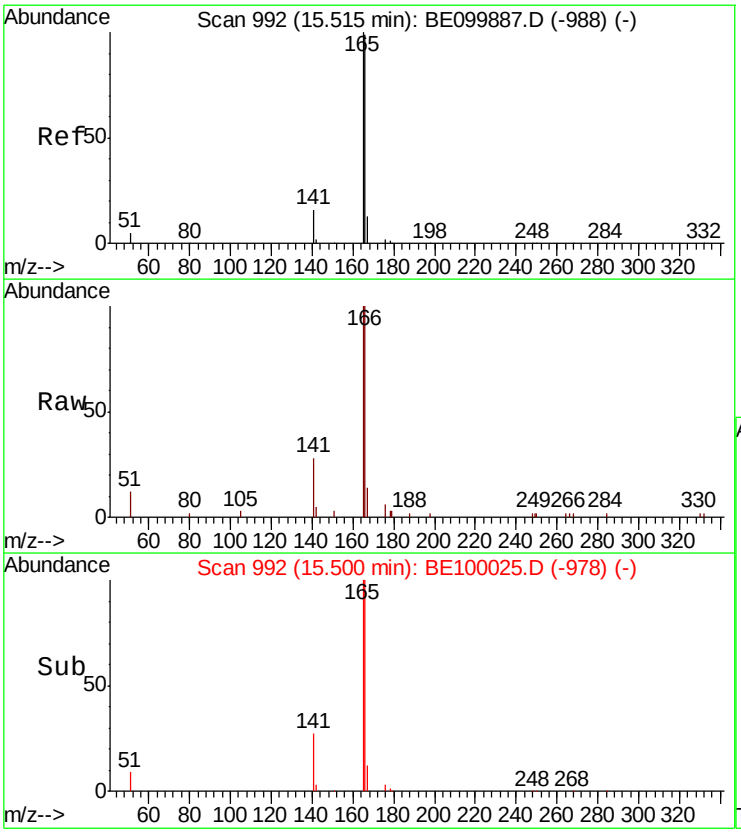
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2572

Ion	Ratio	Lower	Upper
154	100		
153	118.7	93.1	139.7
152	59.3	47.0	70.4

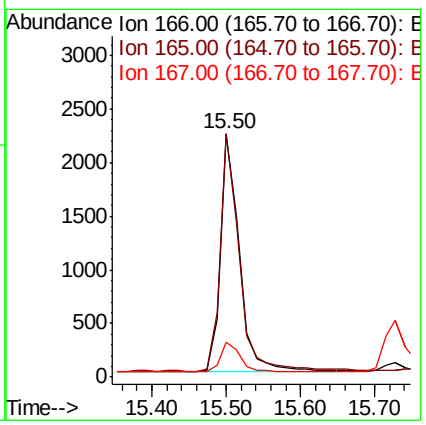


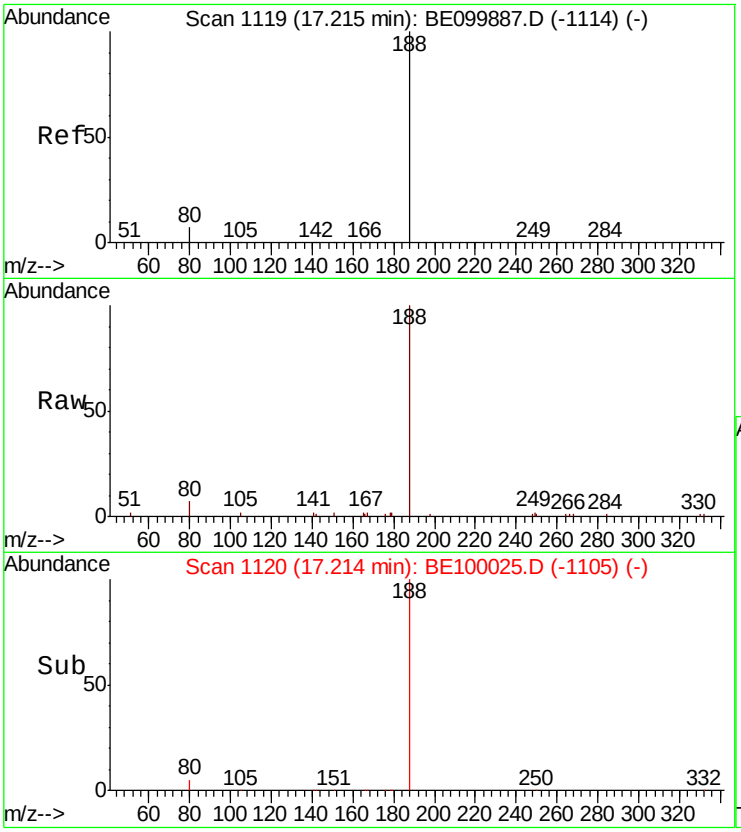


#18
Fluorene
Concen: 0.402 ng
RT: 15.50 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:166 Resp: 3963

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.8	122.8
167	13.1	11.2	16.8



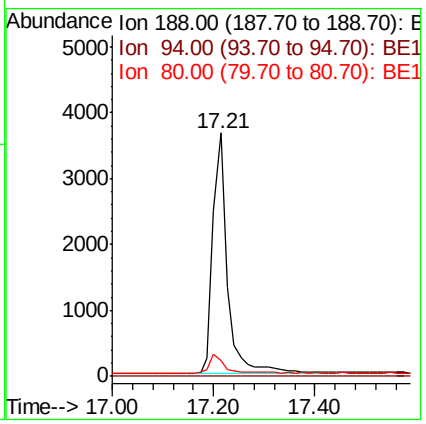


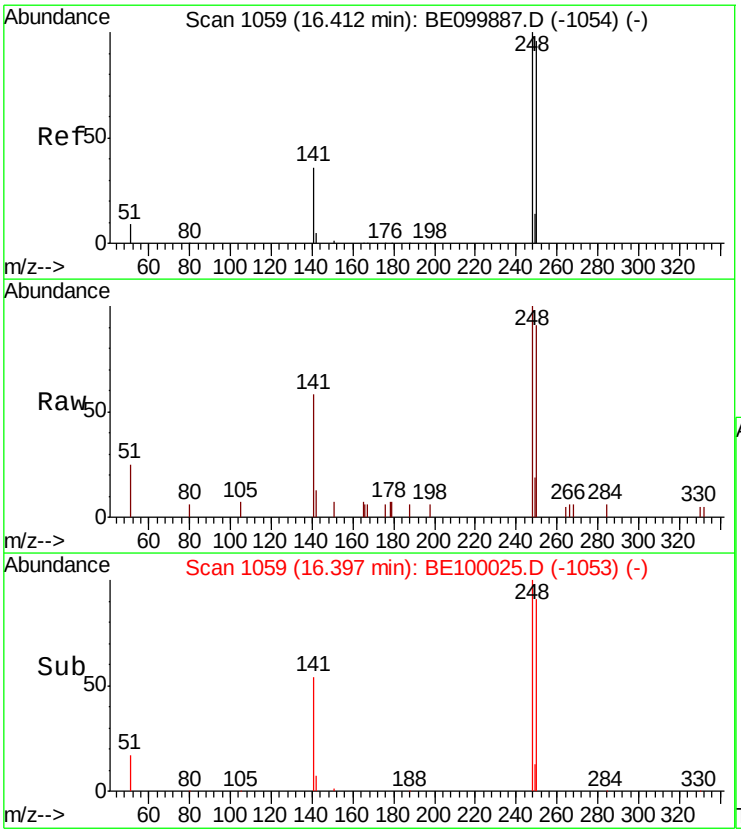
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7268

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.4	9.6

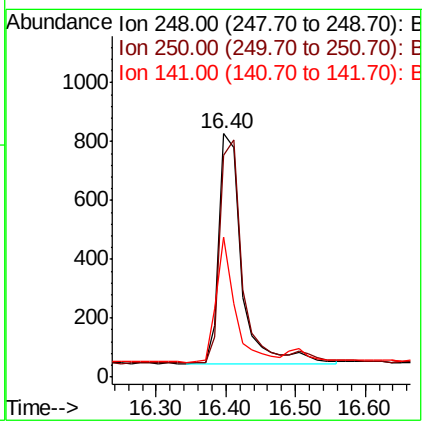


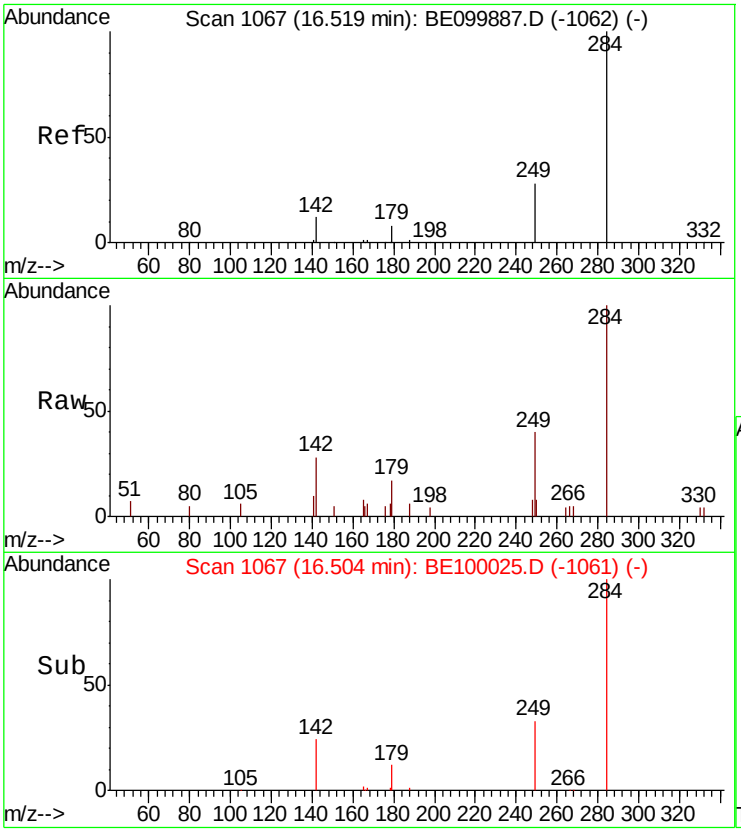


#20
4-Bromophenyl-phenylether
Concen: 0.431 ng
RT: 16.40 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:248 Resp: 1773

Ion	Ratio	Lower	Upper
248	100		
250	91.1	77.5	116.3
141	57.7	31.8	47.8#



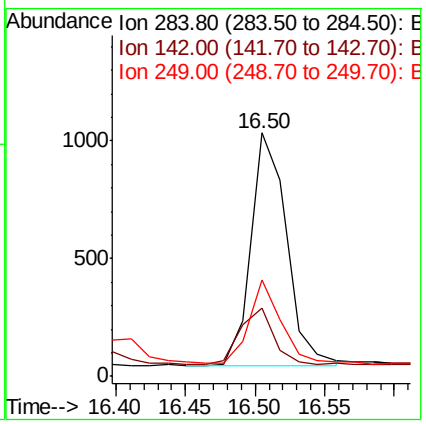


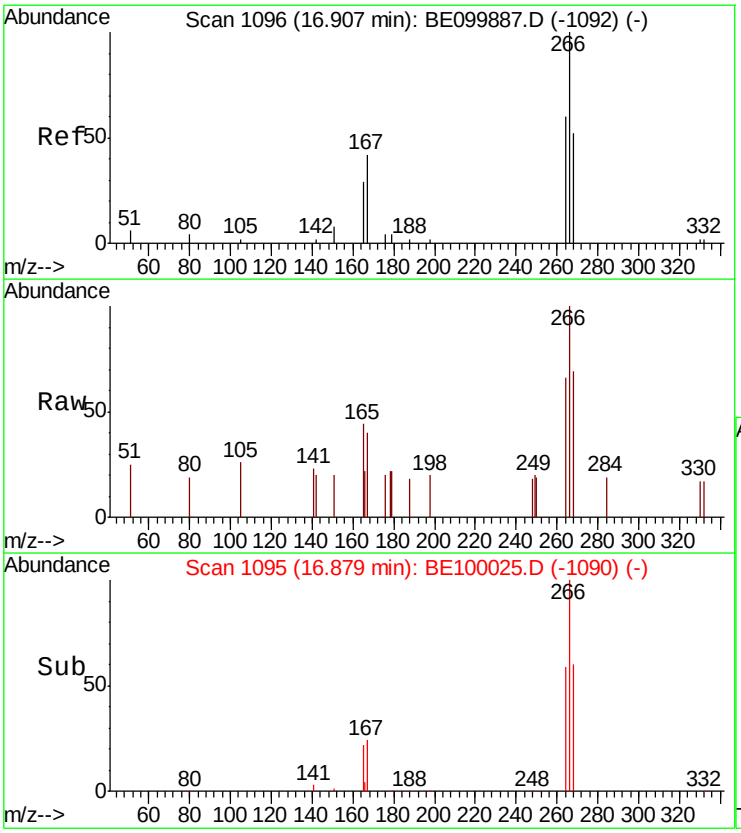
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.50 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1747

Ion	Ratio	Lower	Upper
284	100		
142	23.7	18.2	27.4
249	30.9	24.6	37.0

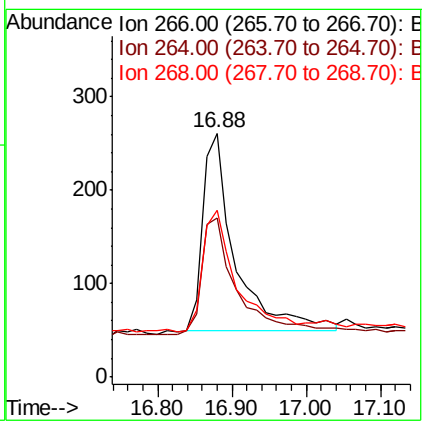


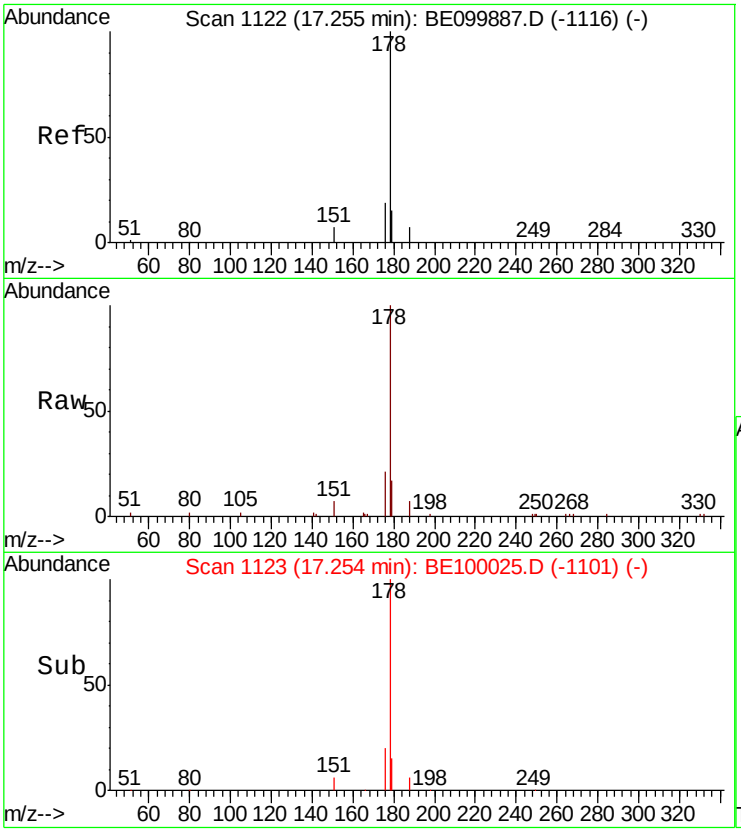


#22
Pentachlorophenol
Concen: 0.615 ng
RT: 16.88 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:266 Resp: 639

Ion	Ratio	Lower	Upper
266	100		
264	65.5	62.2	93.2
268	68.6	65.5	98.3



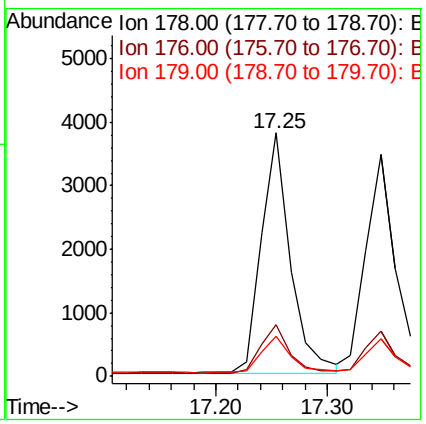


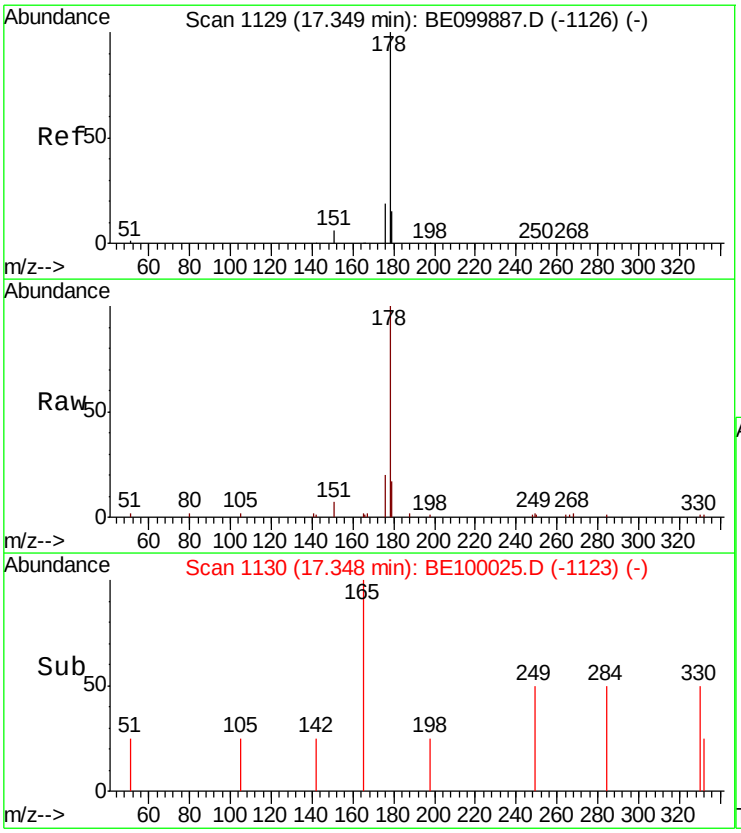
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.25 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6895

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	12.4	18.6

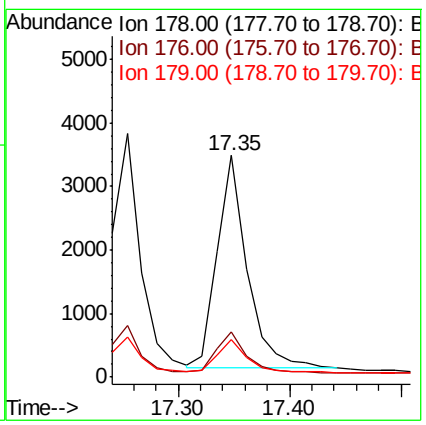


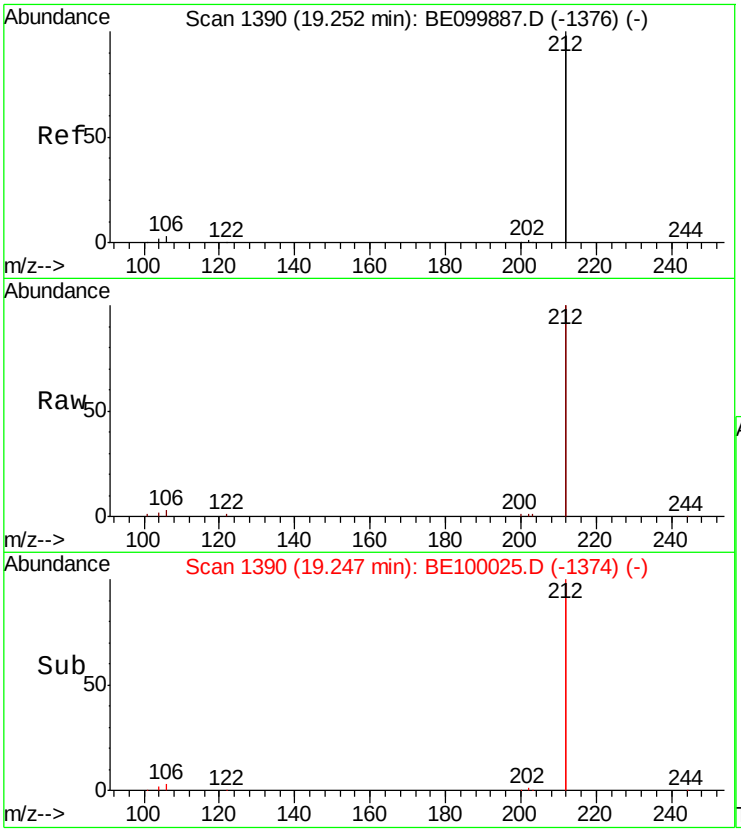


#24
Anthracene
Concen: 0.389 ng
RT: 17.35 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:178 Resp: 6287

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.0	12.3	18.5



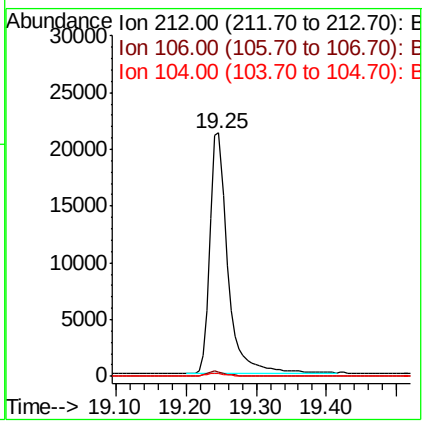


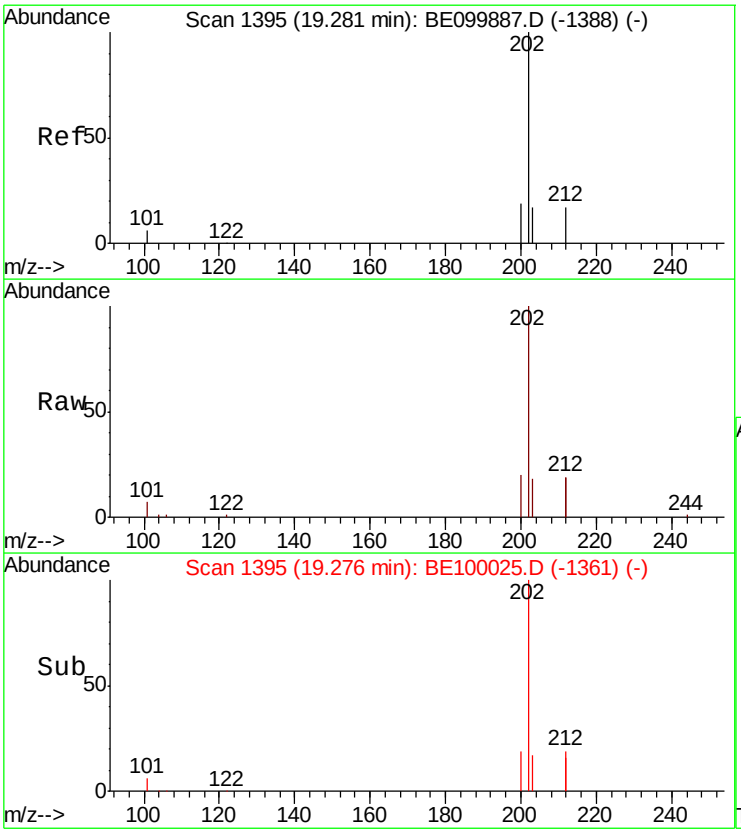
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 37880

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

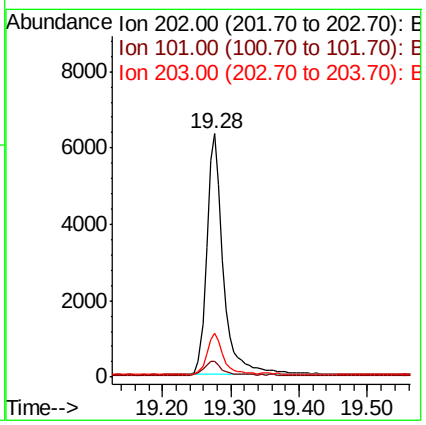


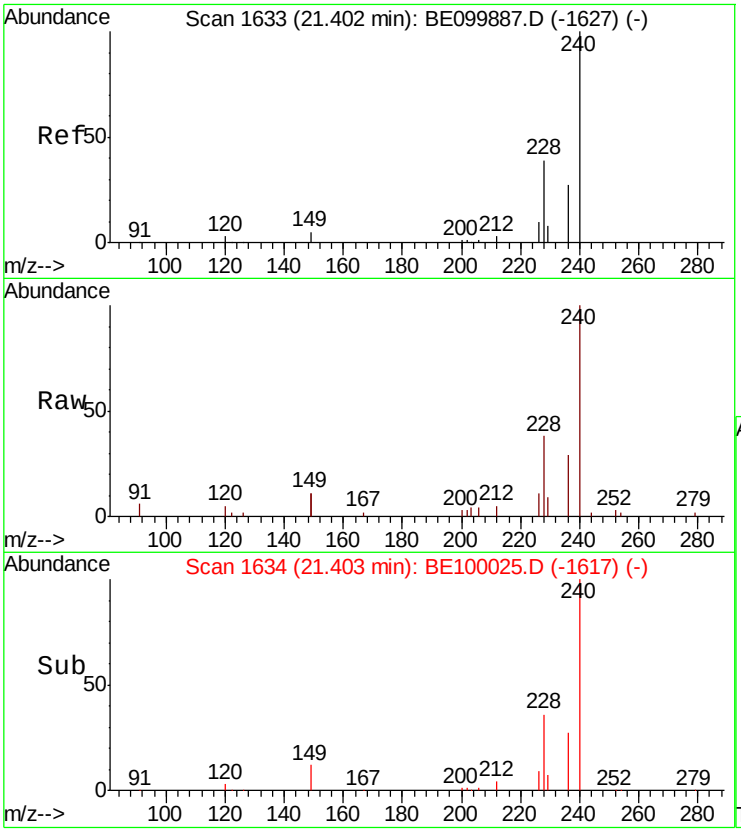


#26
Fluoranthene
Concen: 0.357 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:202 Resp: 10707

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
203	17.1	13.2	19.8



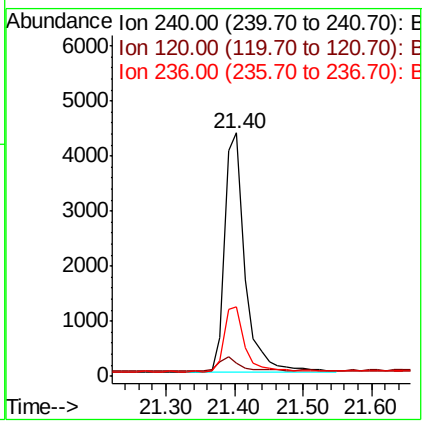


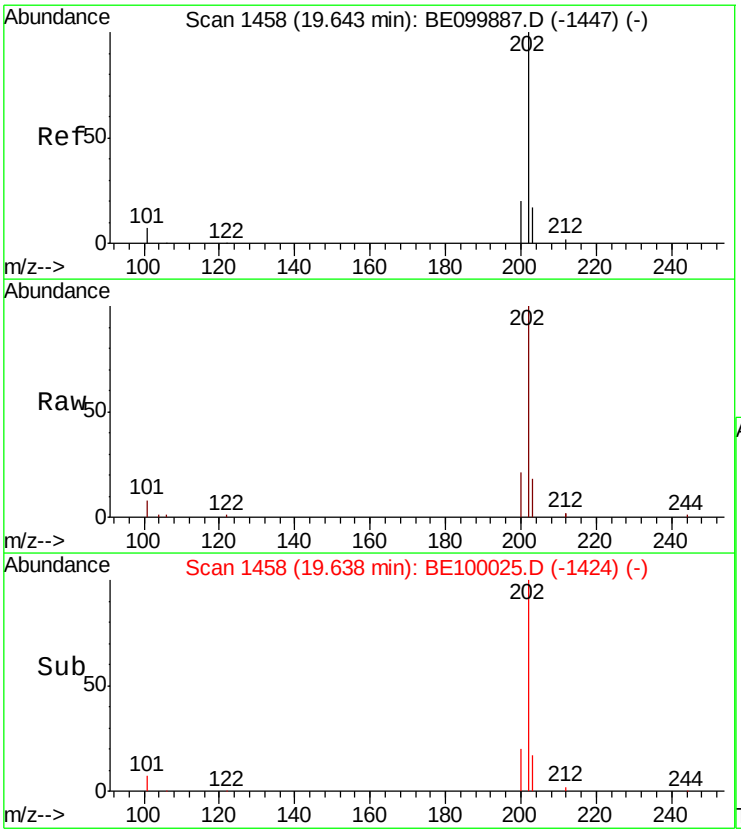
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8974

Ion	Ratio	Lower	Upper
240	100		
120	5.4	3.8	5.6
236	28.6	22.0	33.0

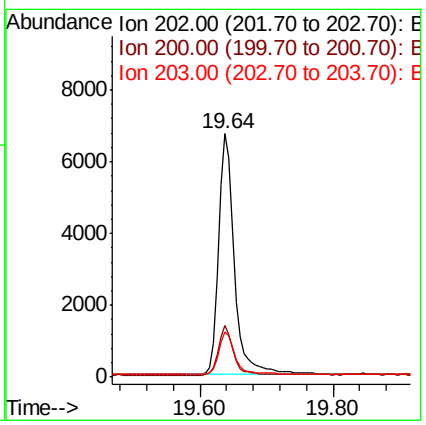


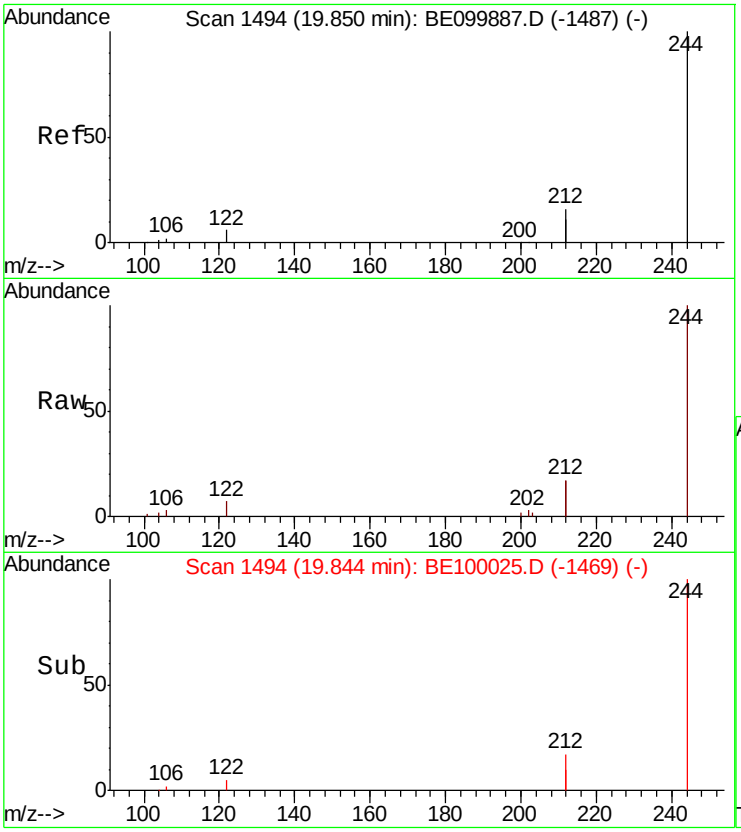


#28
Pyrene
Concen: 0.467 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:202 Resp: 11007

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	17.7	14.0	21.0



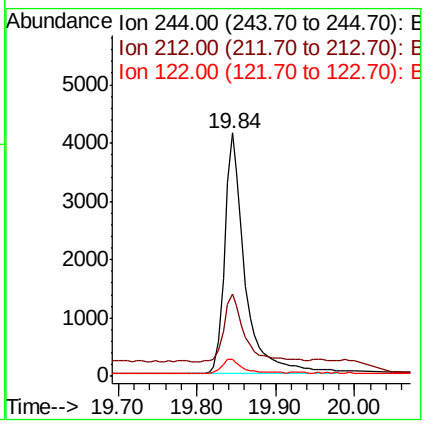


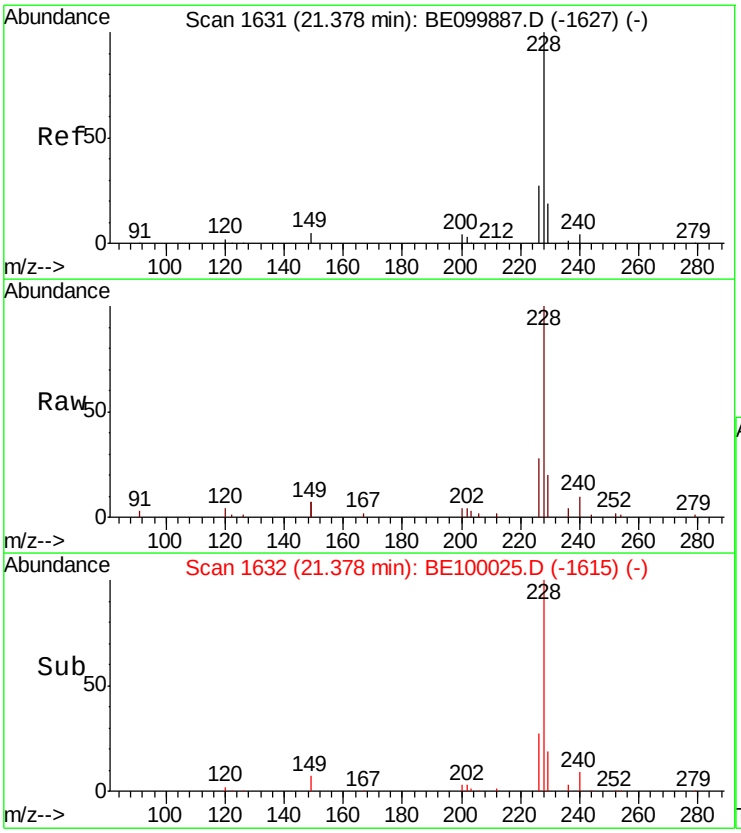
#29
Terphenyl-d14
Concen: 0.457 ng
RT: 19.84 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7376

Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.7	38.5
122	6.8	5.5	8.3

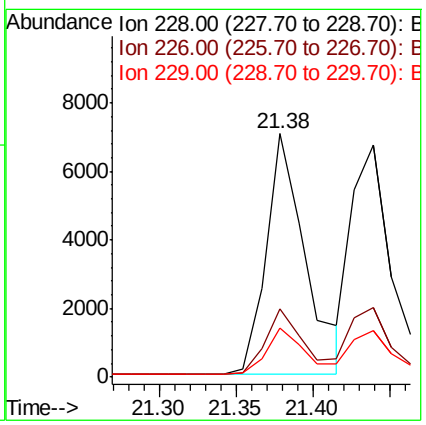


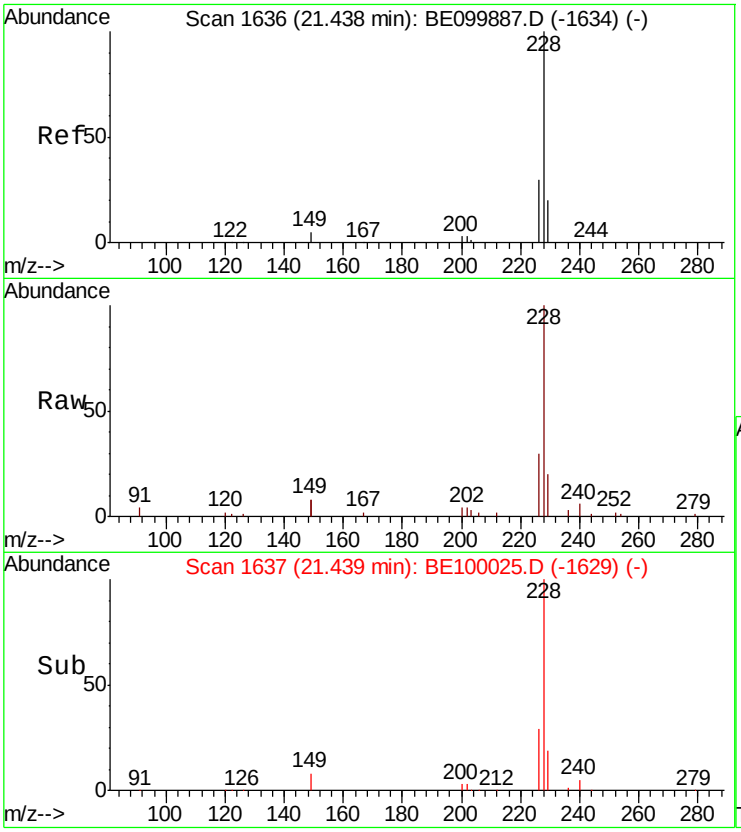


#30
Benzo(a)anthracene
Concen: 0.463 ng
RT: 21.38 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:228 Resp: 12425

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.0	15.9	23.9



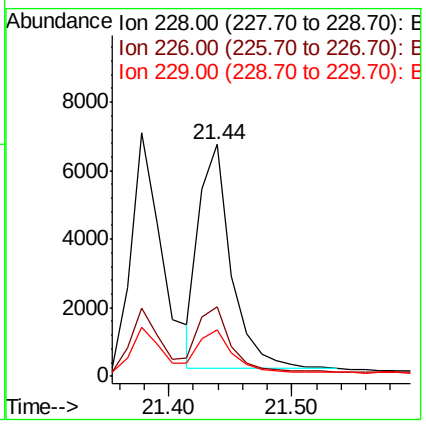


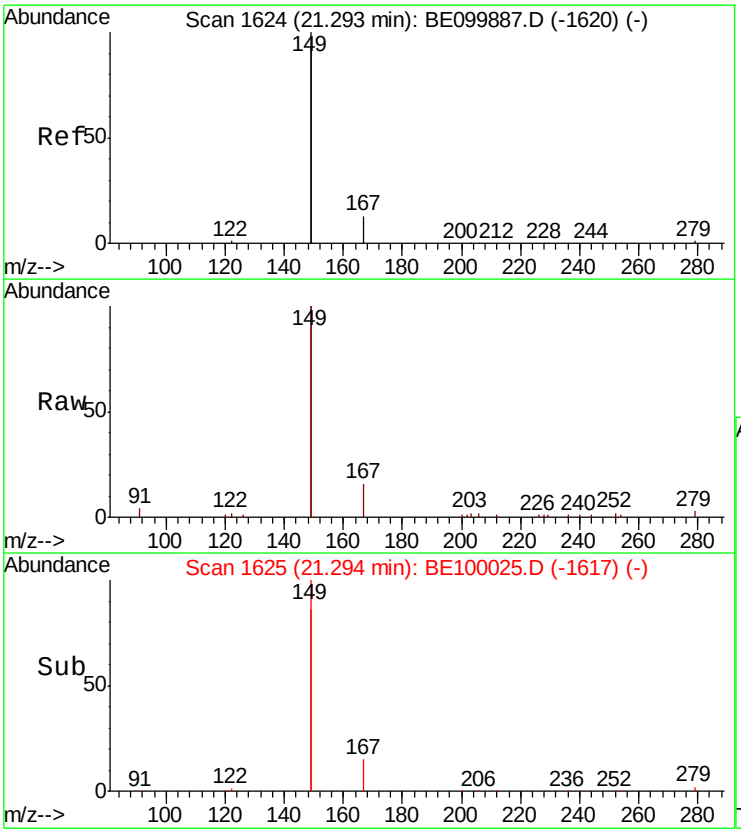
#31
Chrysene
Concen: 0.428 ng
RT: 21.44 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 11869

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	20.3	16.1	24.1

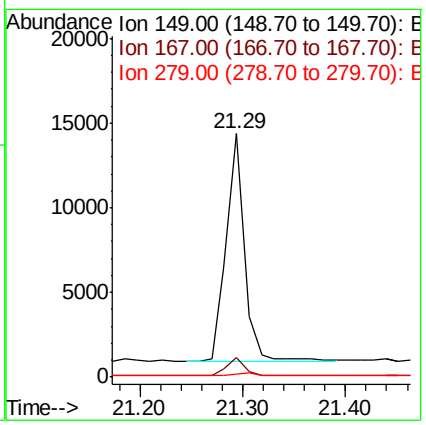


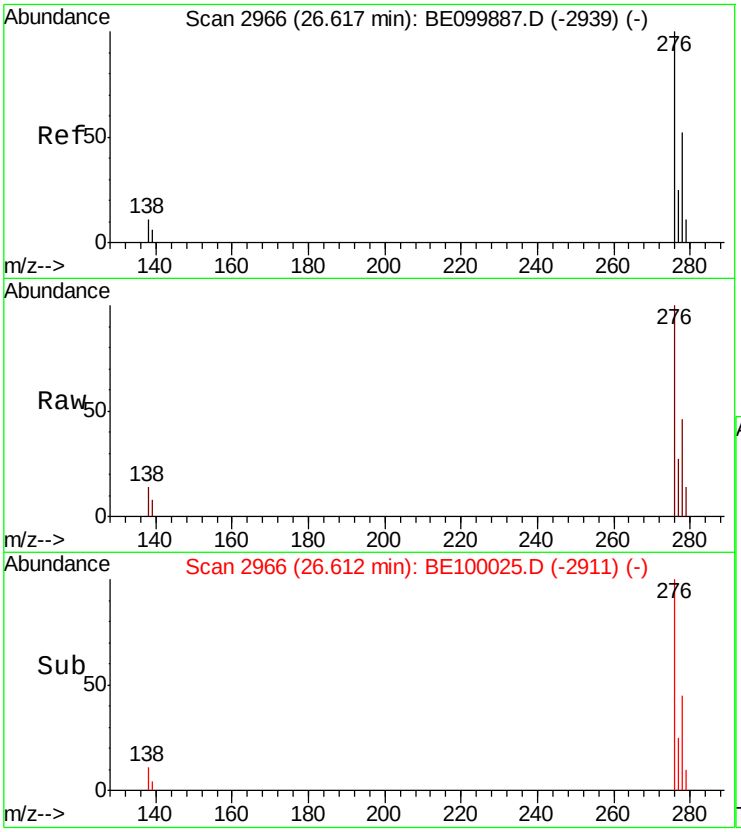


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.435 ng
RT: 21.29 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:149 Resp: 16749

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.9	8.9
279	1.4	1.2	1.8



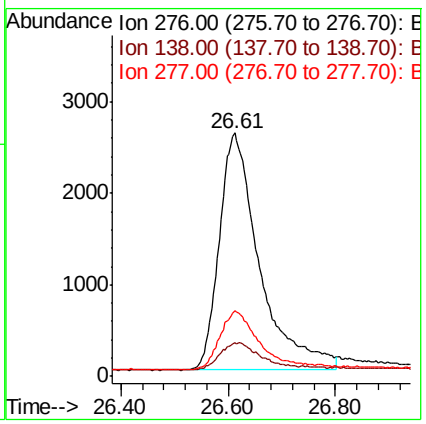


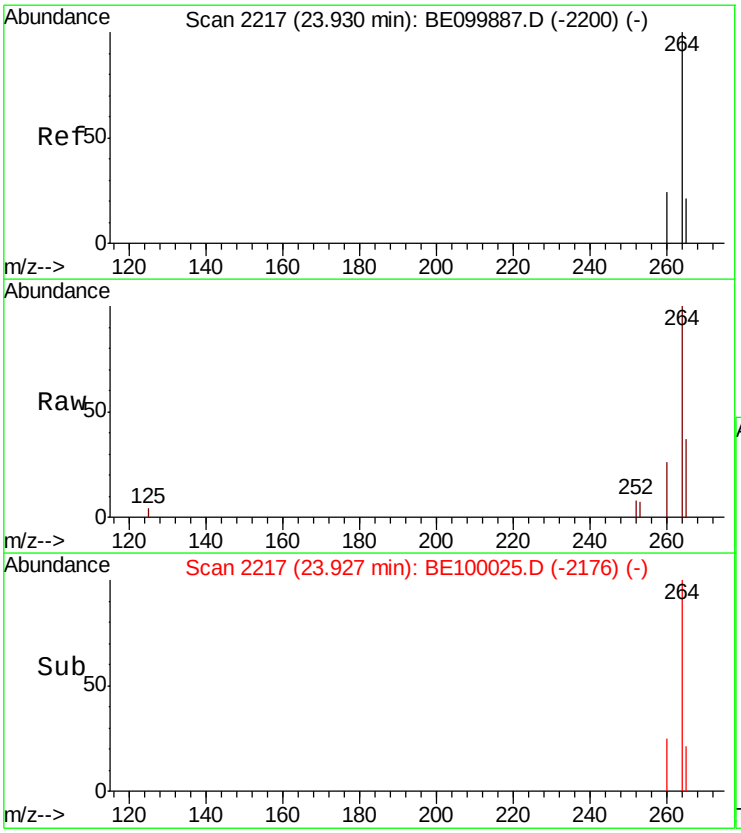
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 26.61 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 13483

Ion	Ratio	Lower	Upper
276	100		
138	11.3	10.1	15.1
277	24.2	19.1	28.7

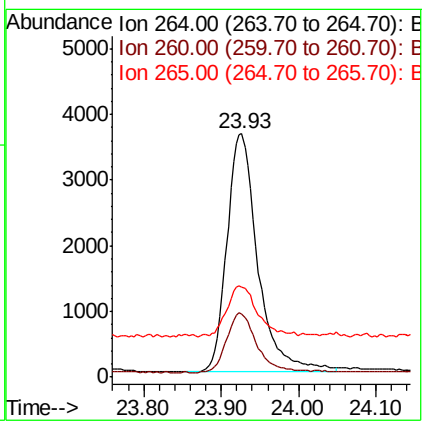


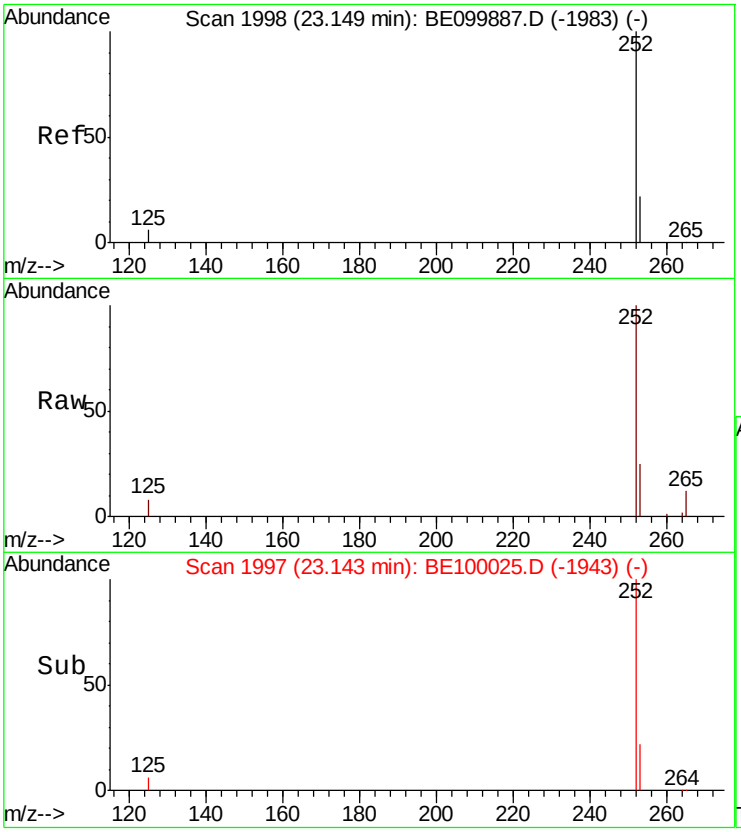


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:264 Resp: 10063

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.2
265	37.2	22.0	33.0#



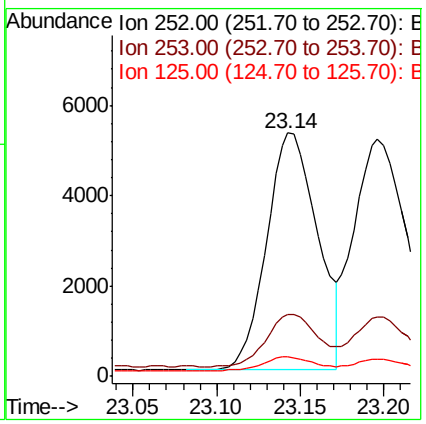


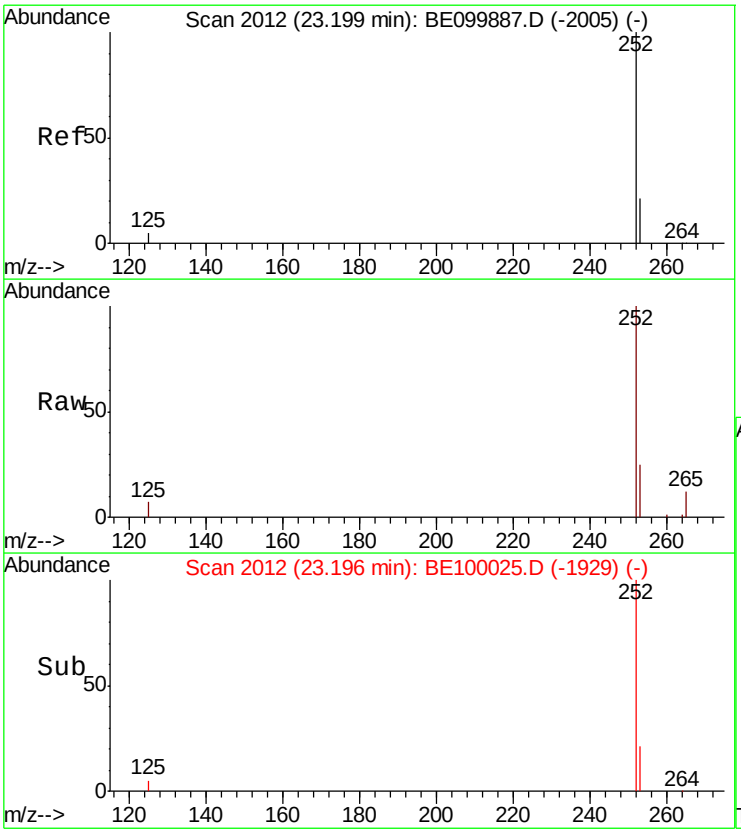
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 23.14 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11175

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.7	28.1
125	8.2	5.7	8.5

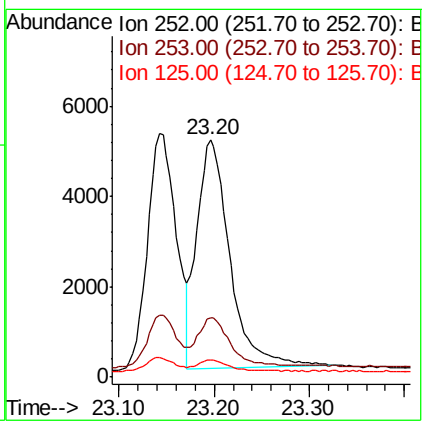


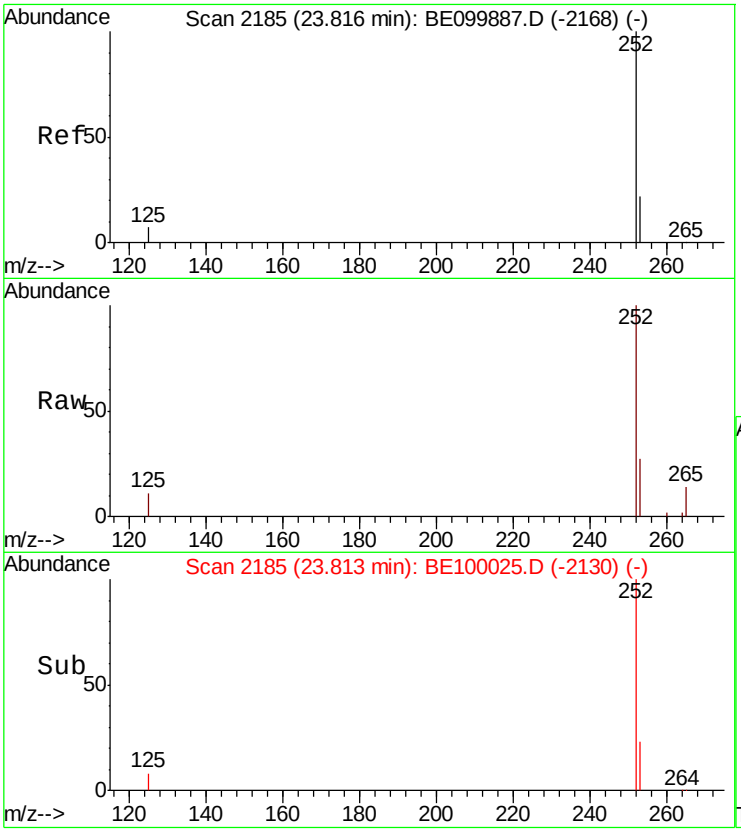


#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:252 Resp: 12211

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	28.0
125	7.1	5.4	8.0



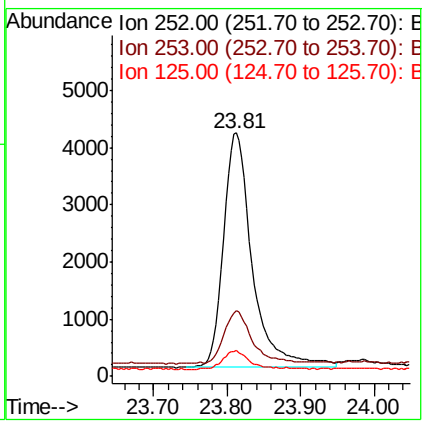


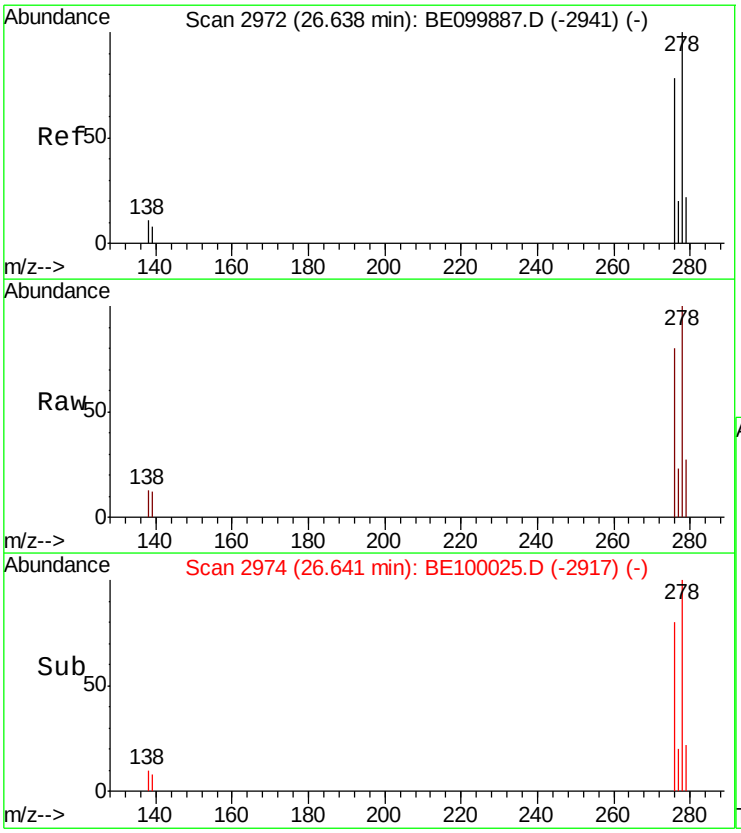
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.81 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11343

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.6	29.4
125	10.6	6.6	10.0#

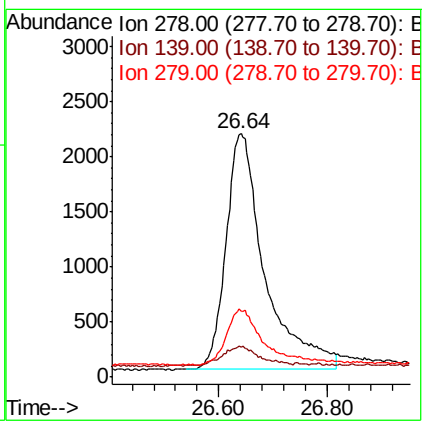


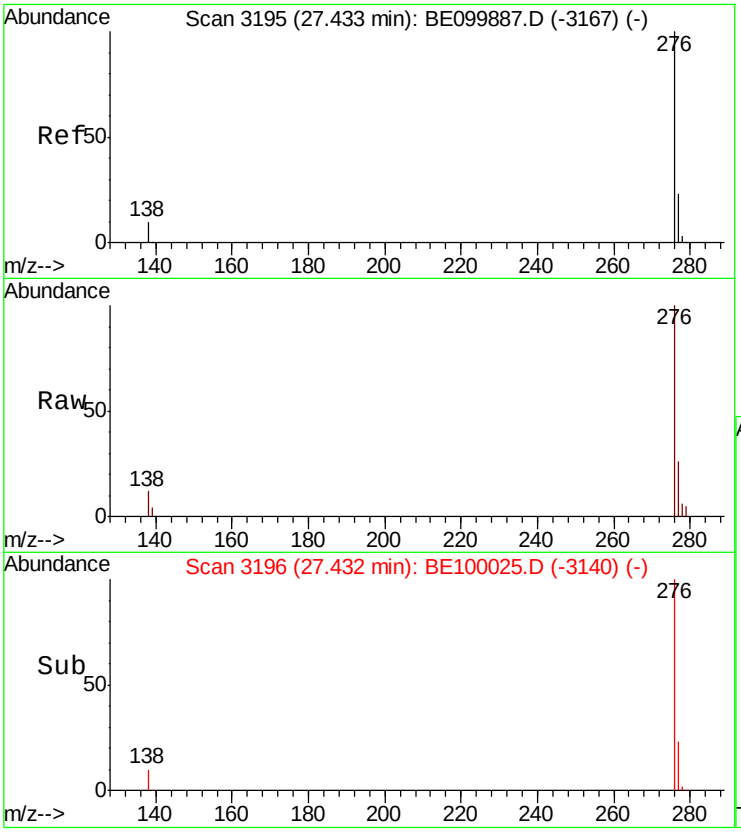


#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.64 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Tgt Ion:278 Resp: 10700

Ion	Ratio	Lower	Upper
278	100		
139	12.1	7.8	11.8#
279	27.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.43 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BE100025.D
Acq: 14 Jun 2019 16:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10903

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.5	29.3
138	12.4	9.5	14.3