Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061719\
Data File : BE100074.D
Acq On : 17 Jun 2019 23:00
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 18 03:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 17:23:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	610	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	2149	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	1581	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	5213	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7234	0.40	ng		0.00
34) Perylene-d12	23.92	264	8685	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	571	0.35	ng		0.00
5) Phenol-d6	6.97	99	756	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	772	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	1539	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	335	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	2487	0.41	ng		0.00
25) Fluoranthene-d10	19.24	212	27020	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	5215	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	389	0.365	ng		91
3) n-Nitrosodimethylamine	3.63	42	106	0.431	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	669	0.433	ng		84
9) Naphthalene	10.64	128	9681	0.407	ng		99
10) Hexachlorobutadiene	10.90	225	869	0.426	ng		99
12) 2-Methylnaphthalene	12.28	142	1463	0.393	ng		99
16) Acenaphthylene	14.18	152	3329	0.420	ng		99
17) Acenaphthene	14.51	154	1763	0.411	ng		97
18) Fluorene	15.50	166	2705	0.424	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1231	0.392	ng		97
21) Hexachlorobenzene	16.51	284	1275	0.396	ng		99
22) Pentachlorophenol	16.89	266	257	0.363	ng		96
23) Phenanthrene	17.25	178	4931	0.388	ng		99
24) Anthracene	17.35	178	4186	0.375	ng		98
26) Fluoranthene	19.27	202	7958	0.381	ng		100
28) Pyrene	19.63	202	8110	0.451	ng		100
30) Benzo(a)anthracene	21.38	228	8765	0.421	ng		99
31) Chrysene	21.43	228	10697	0.455	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	9527	0.328	ng		100
33) Indeno(1,2,3-cd)pyrene	26.60	276	13011	0.469	ng		99
35) Benzo(b)fluoranthene	23.14	252	10426	0.417	ng		98
36) Benzo(k)fluoranthene	23.19	252	11554	0.426	ng		100
37) Benzo(a)pyrene	23.80	252	10574	0.426	ng	#	97
38) Dibenzo(a,h)anthracene	26.63	278	10102	0.417	ng		99
39) Benzo(g,h,i)perylene	27.41	276	10700	0.417	ng		98

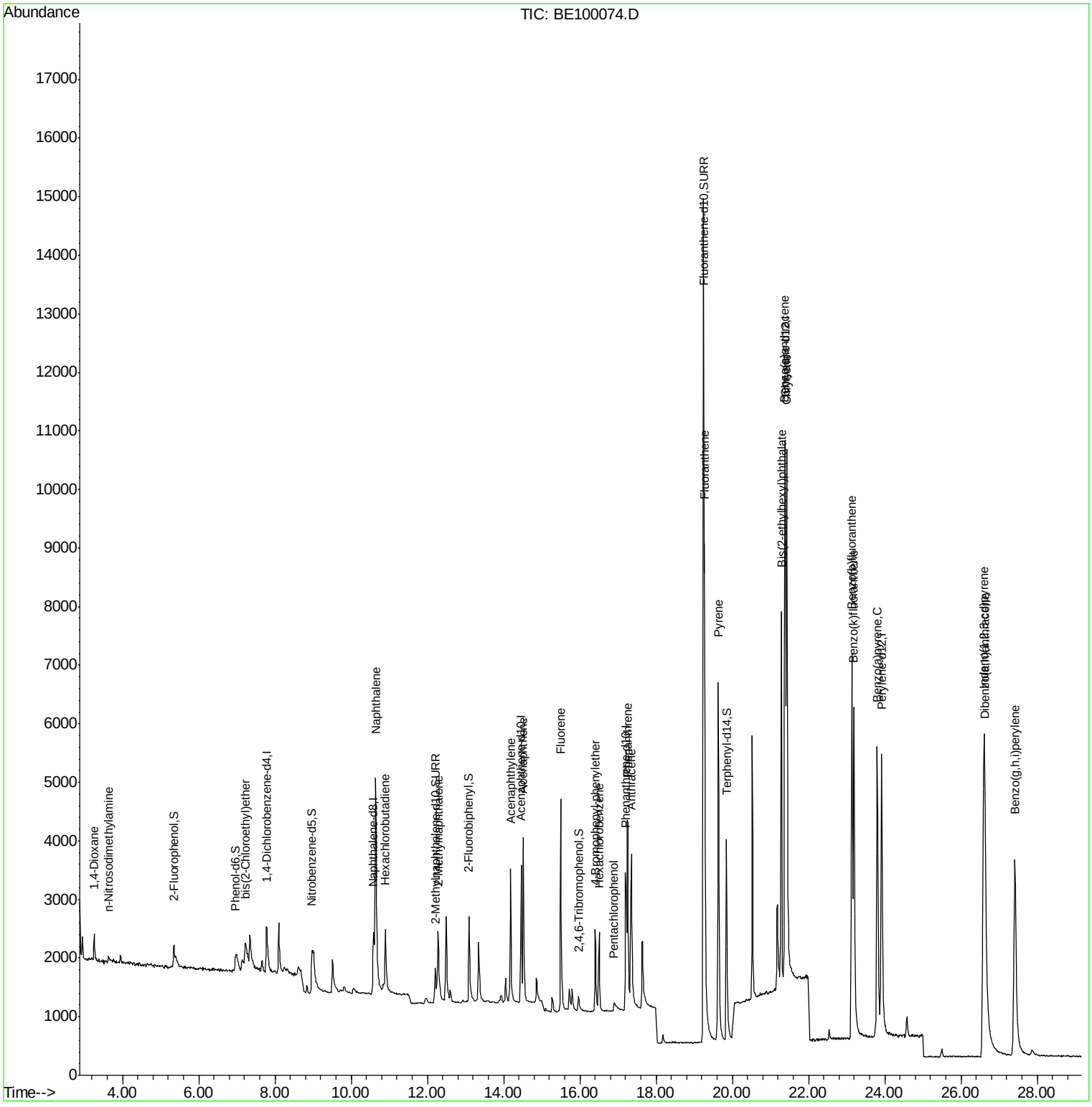
(#) = qualifier out of range (m) = manual integration (+) = signals summed

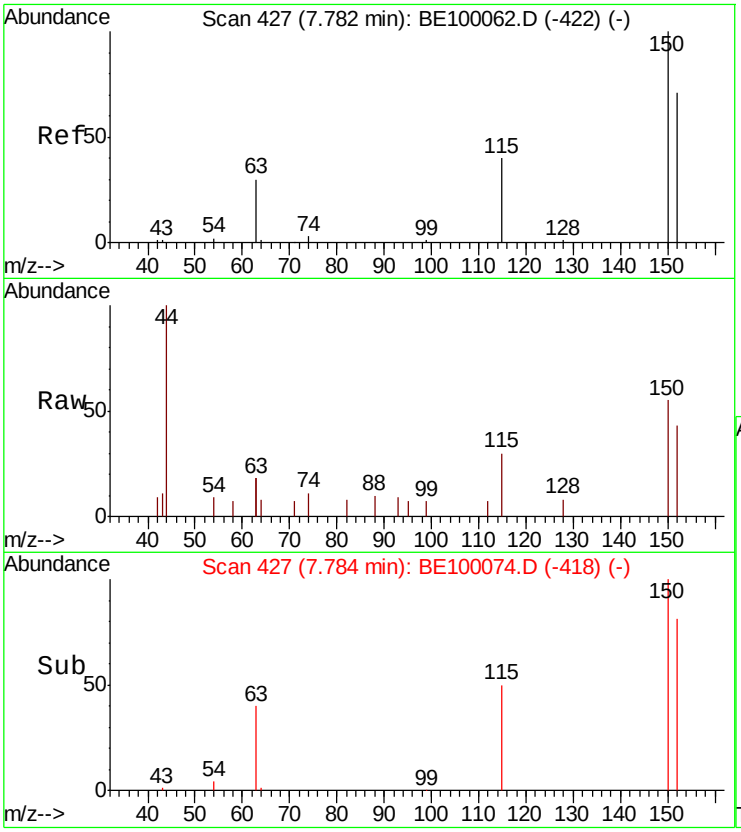
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061719\
Data File : BE100074.D
Acq On : 17 Jun 2019 23:00
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 18 03:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 17:23:36 2019
Response via : Initial Calibration



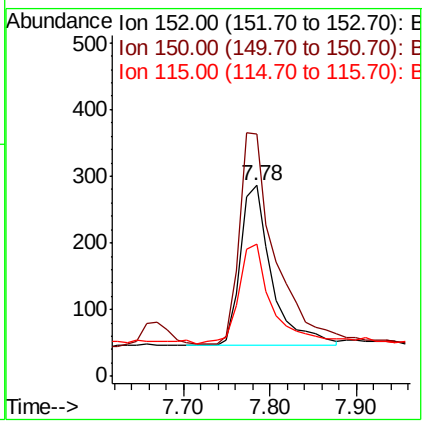


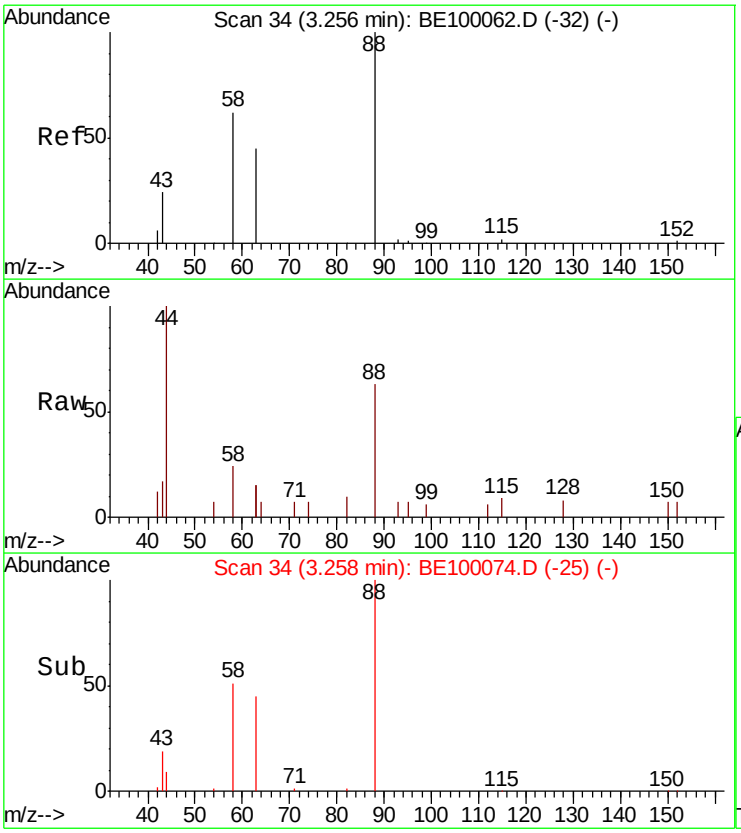
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 610

Ion	Ratio	Lower	Upper
152	100		
150	126.9	109.5	164.3
115	69.6	52.6	78.8

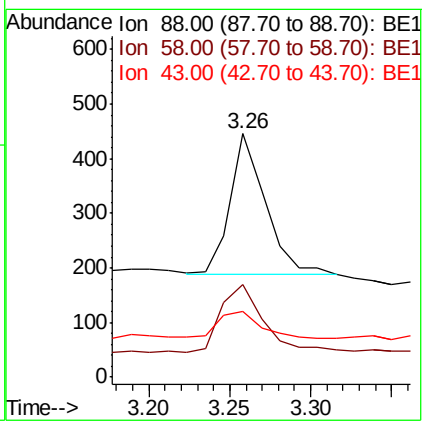


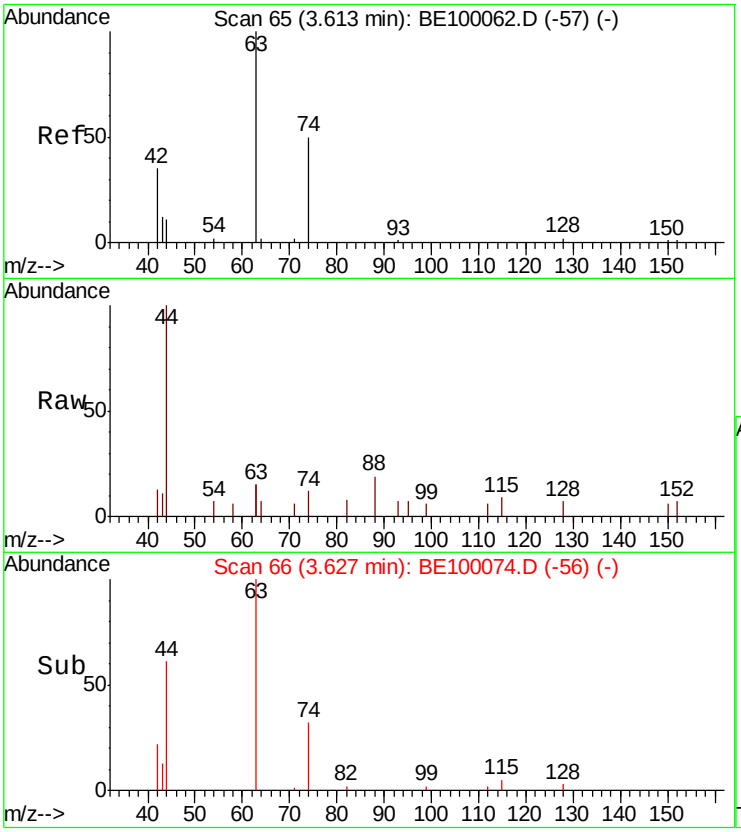


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.26 min Scan# 34
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion: 88 Resp: 389

Ion	Ratio	Lower	Upper
88	100		
58	60.2	41.9	62.9
43	22.1	15.8	23.8



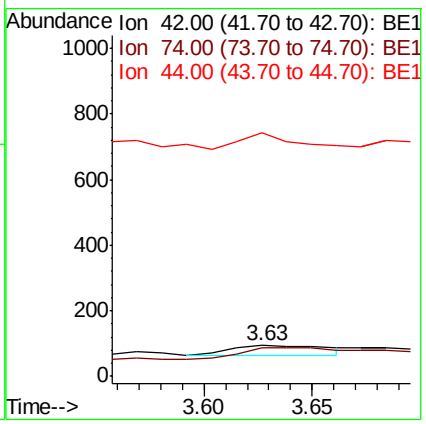


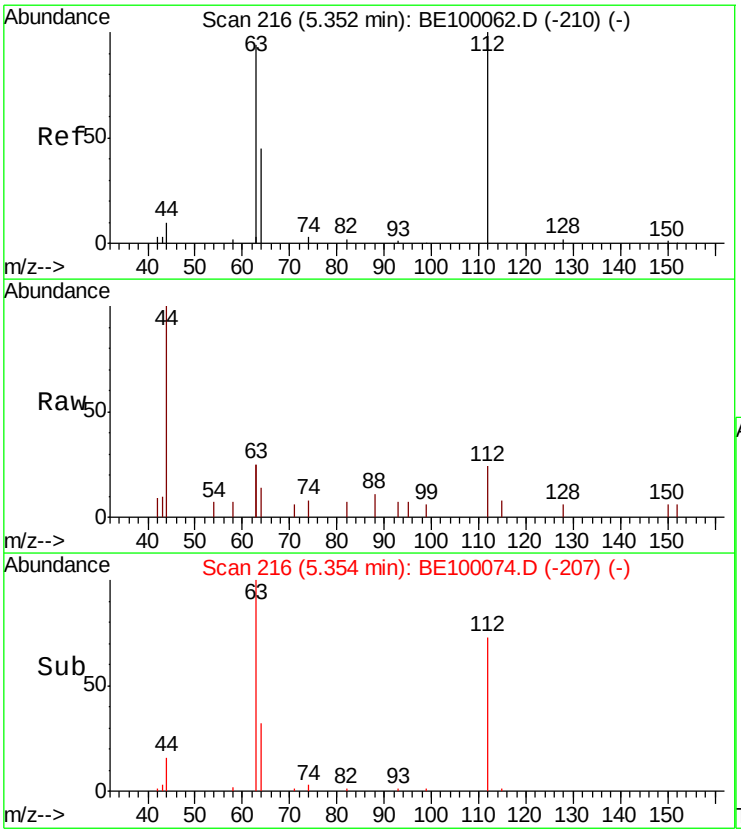
#3
n-Nitrosodimethylamine
Concen: 0.431 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 106

Ion	Ratio	Lower	Upper
42	100		
74	117.9	0.0	0.0#
44	87.7	0.0	0.0#

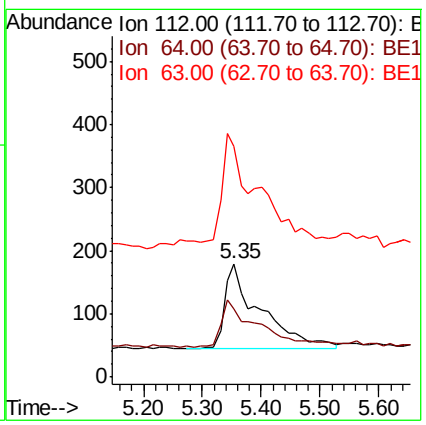


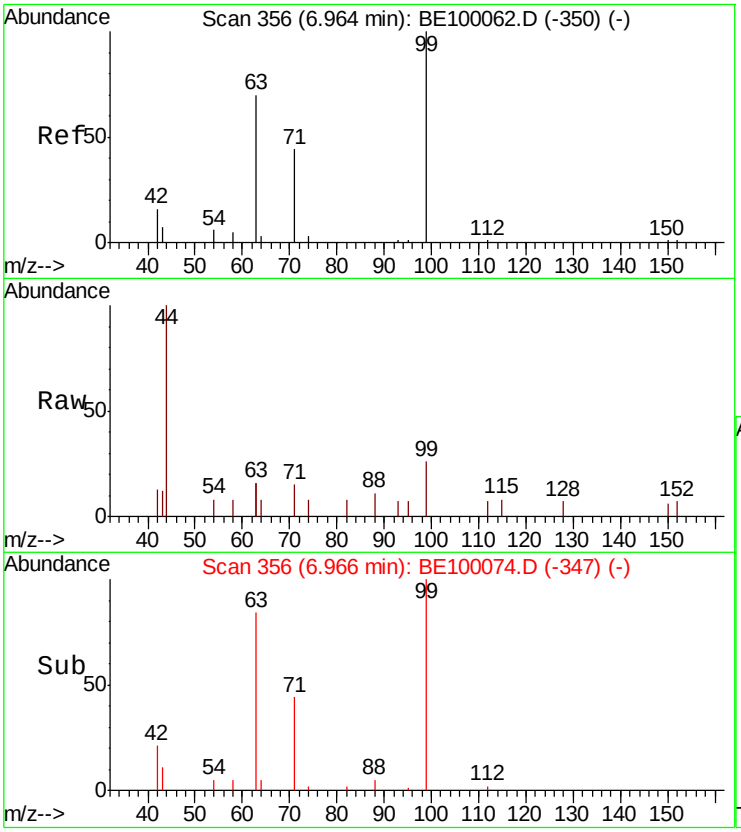


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.35 min Scan# 216
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:112 Resp: 571

Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.6	59.4
63	67.8	113.0	169.4#



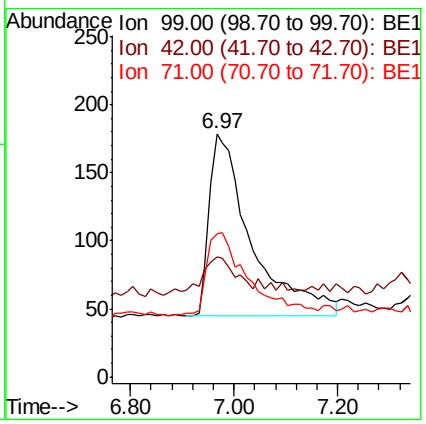


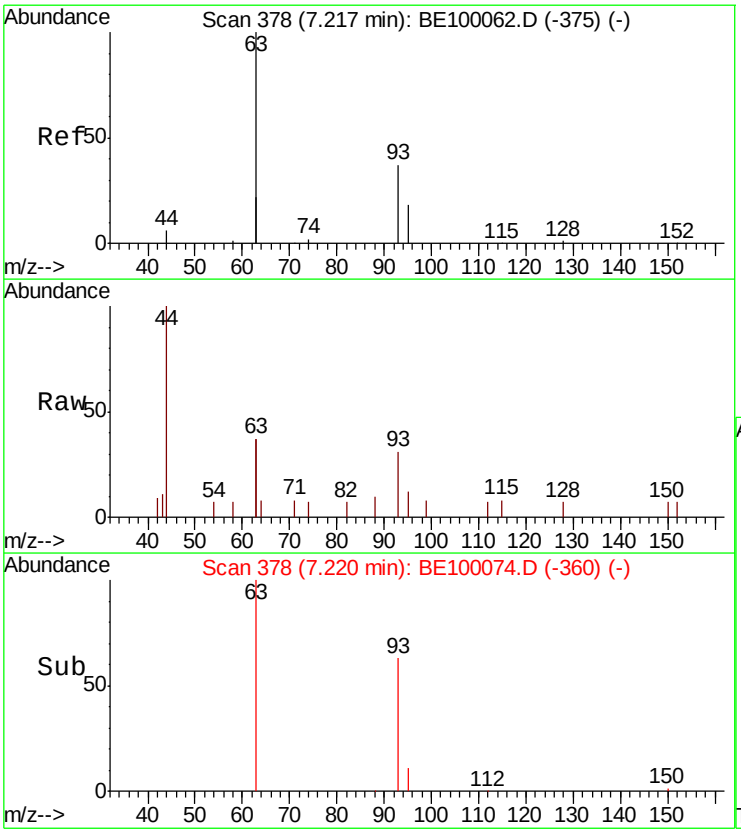
#5
Phenol-d6
Concen: 0.380 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 756

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.4	17.2
71	43.4	32.8	49.2

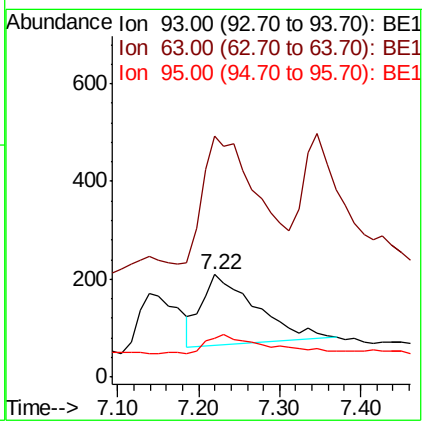


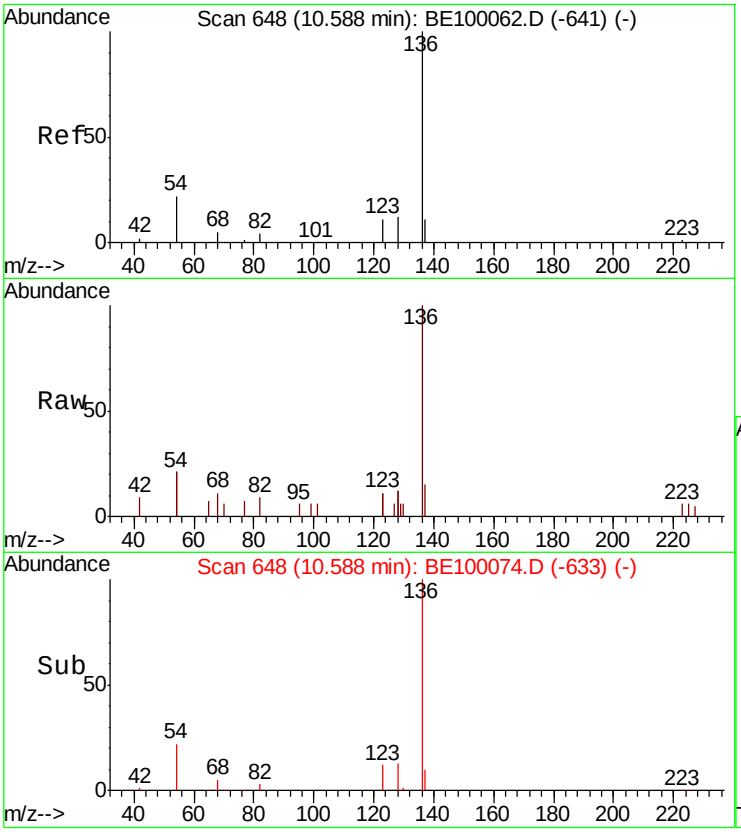


#6
bis(2-Chloroethyl)ether
Concen: 0.433 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion: 93 Resp: 669

Ion	Ratio	Lower	Upper
93	100		
63	180.1	165.0	247.6
95	28.7	27.0	40.6



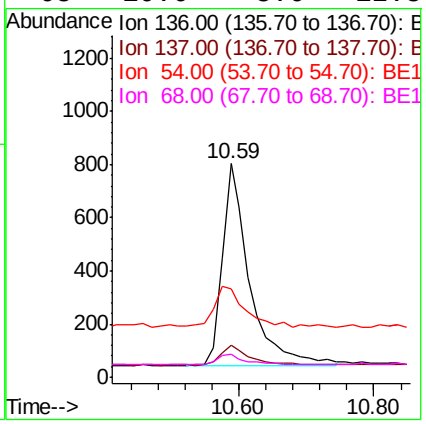


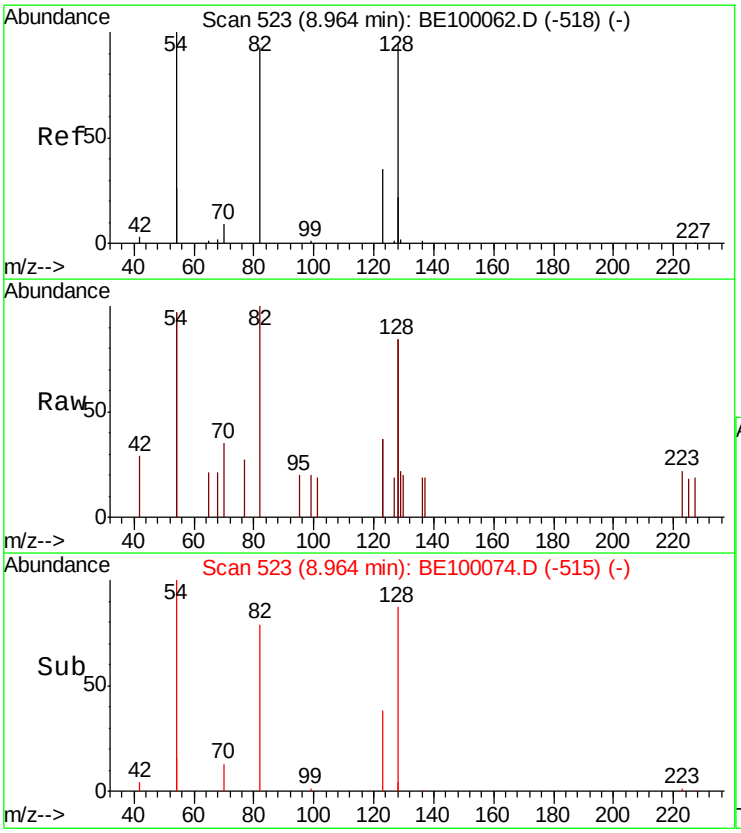
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 2149

Ion	Ratio	Lower	Upper
136	100		
137	15.3	12.6	19.0
54	41.3	33.0	49.6
68	10.6	8.6	12.8

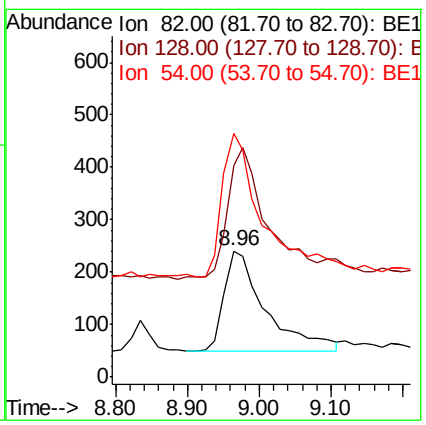


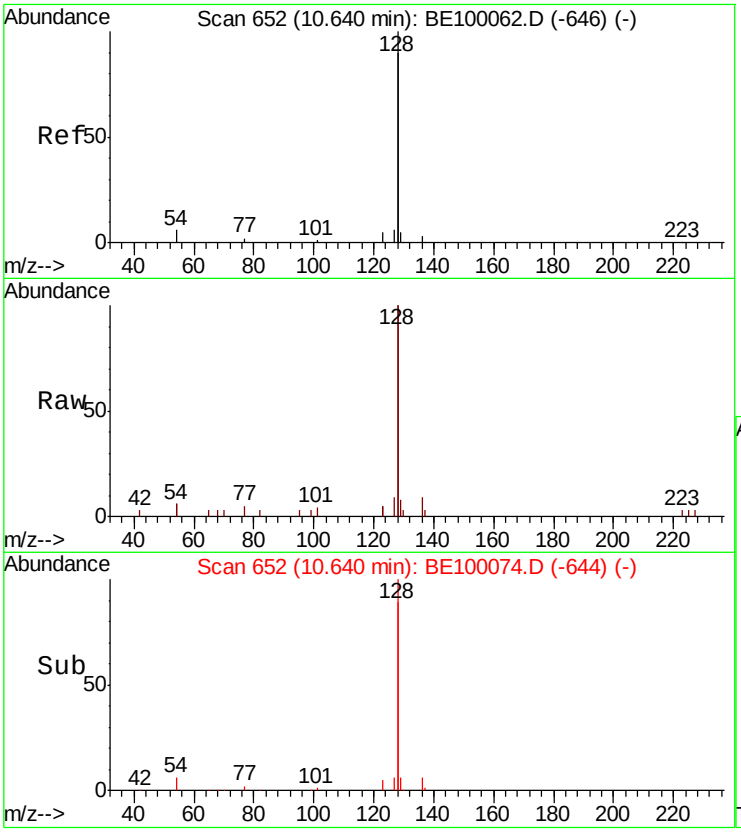


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion: 82 Resp: 772

Ion	Ratio	Lower	Upper
82	100		
128	168.3	134.6	201.8
54	193.3	141.6	212.4



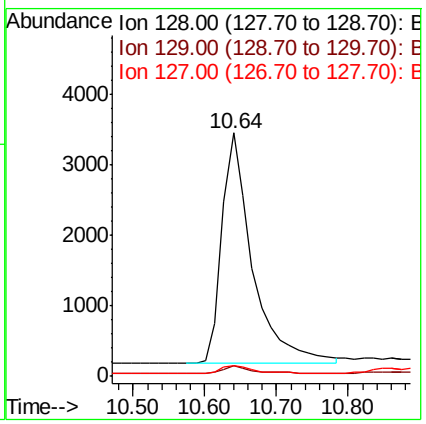


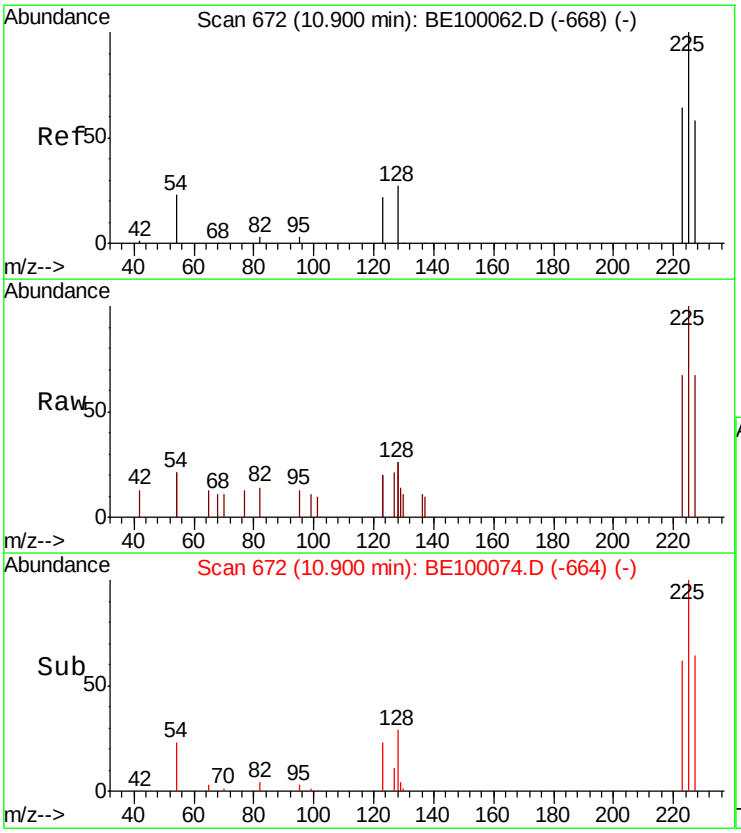
#9
Naphthalene
Concen: 0.407 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 9681

Ion	Ratio	Lower	Upper
128	100		
129	4.1	3.0	4.4
127	4.3	3.4	5.0

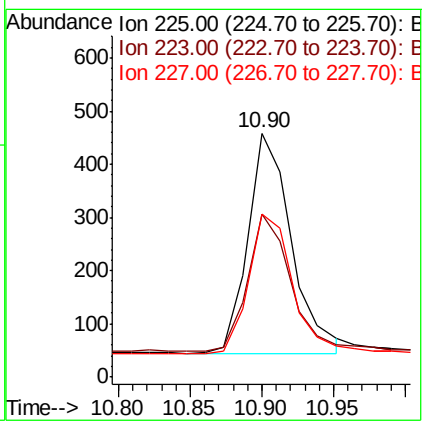


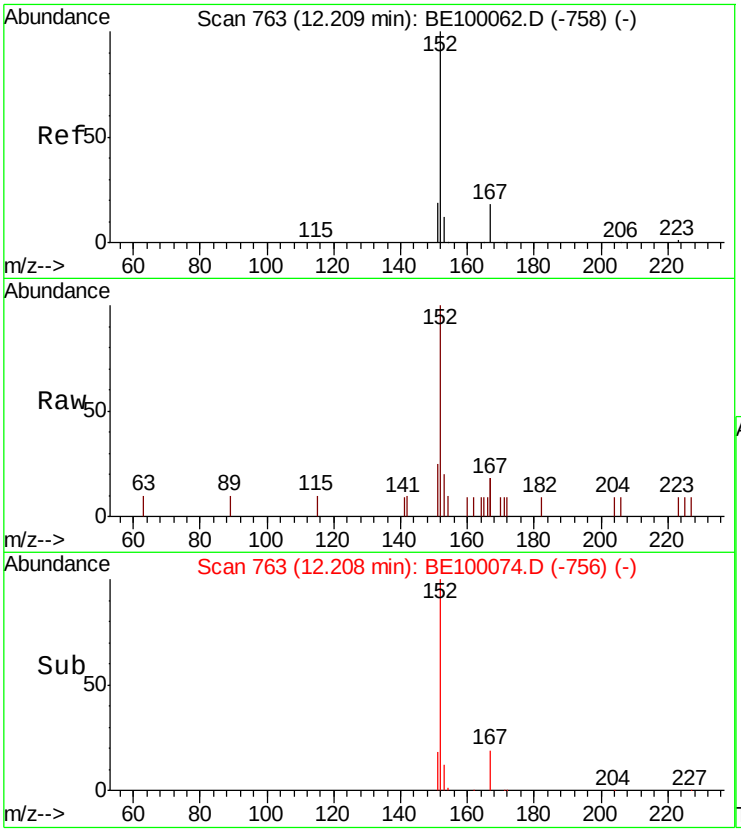


#10
Hexachlorobutadiene
Concen: 0.426 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:225 Resp: 869

Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.3	75.5
227	63.9	51.4	77.2



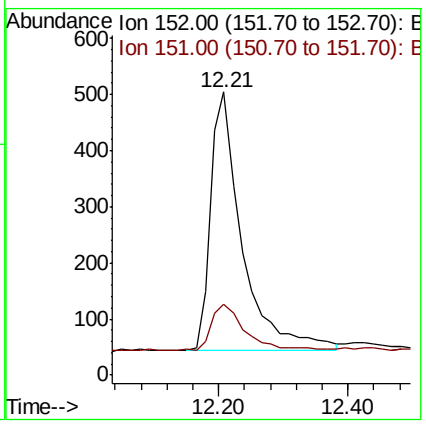


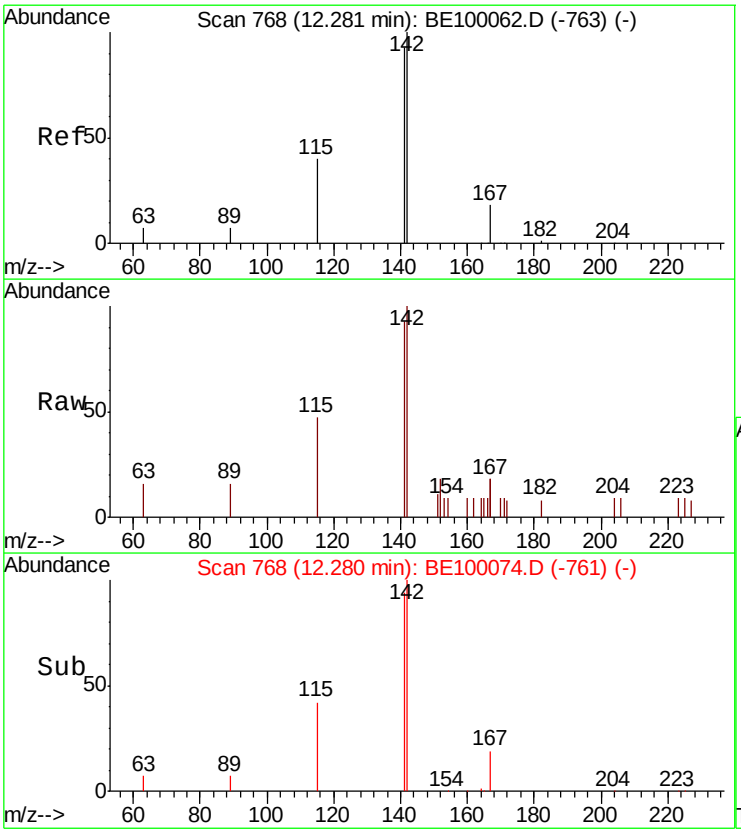
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1539

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2

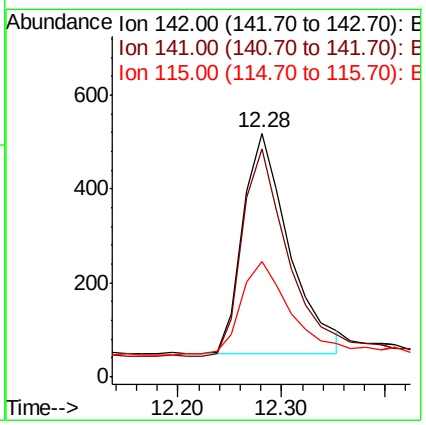


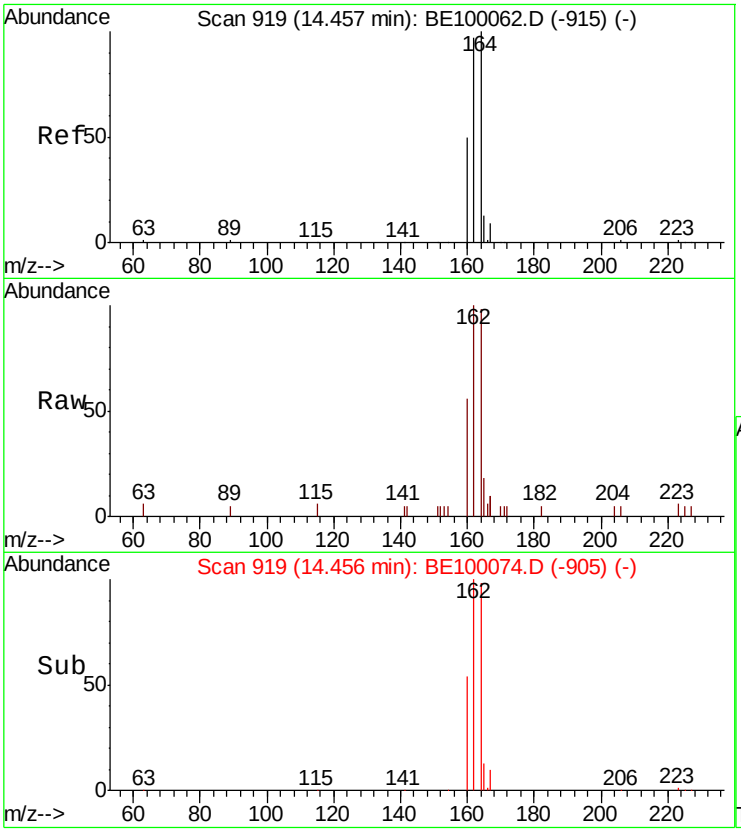


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:142 Resp: 1463

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
115	47.5	36.5	54.7



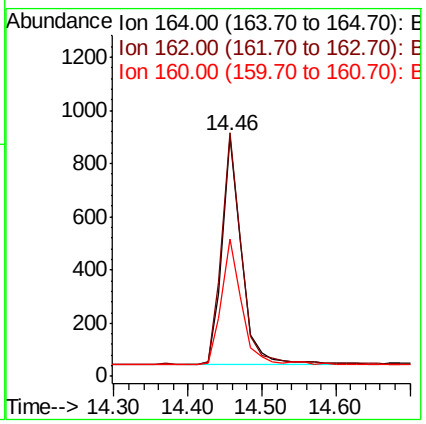


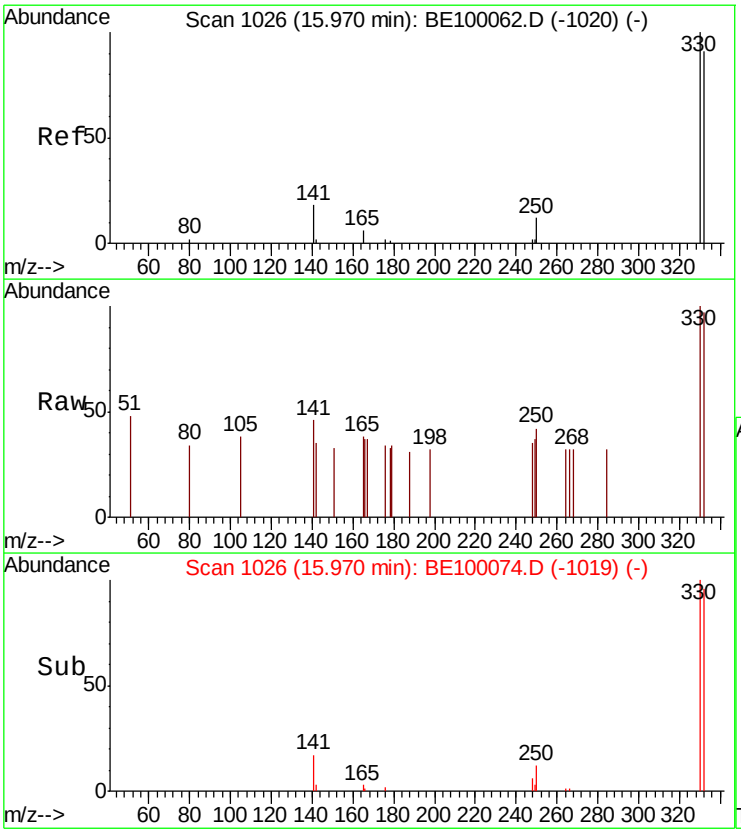
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1581

Ion	Ratio	Lower	Upper
164	100		
162	101.6	77.6	116.4
160	57.1	41.7	62.5

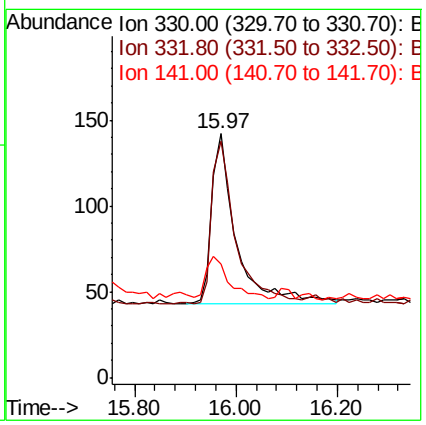


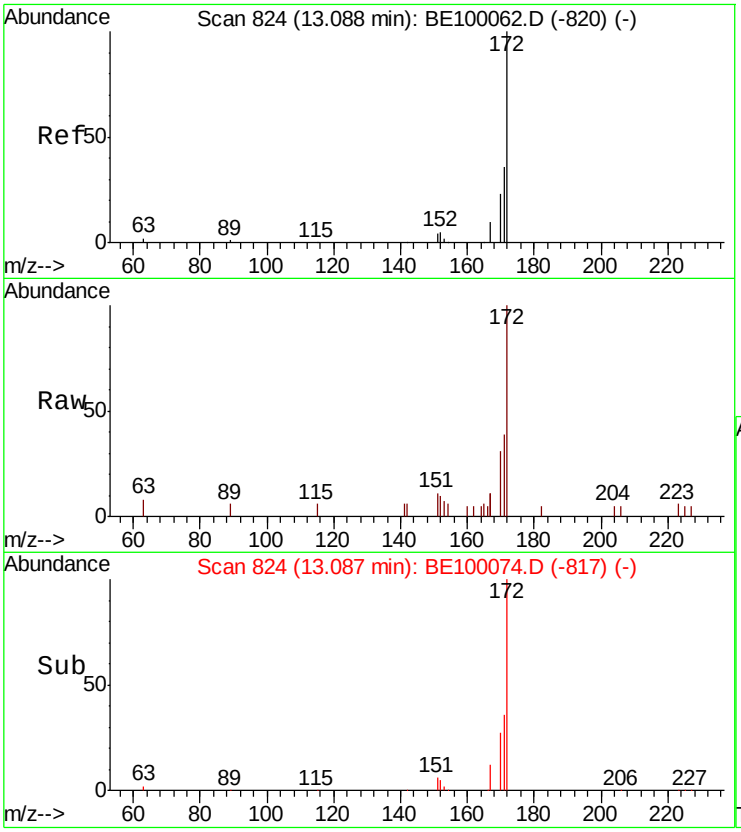


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:330 Resp: 335

Ion	Ratio	Lower	Upper
330	100		
332	92.8	74.7	112.1
141	22.7	20.3	30.5



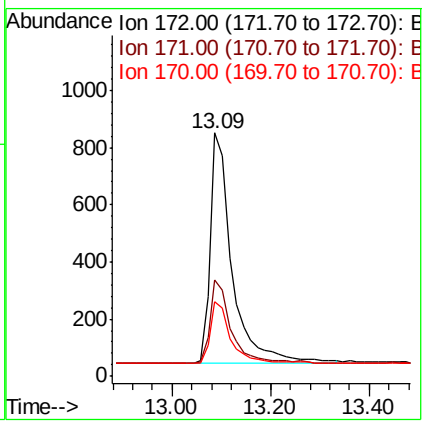


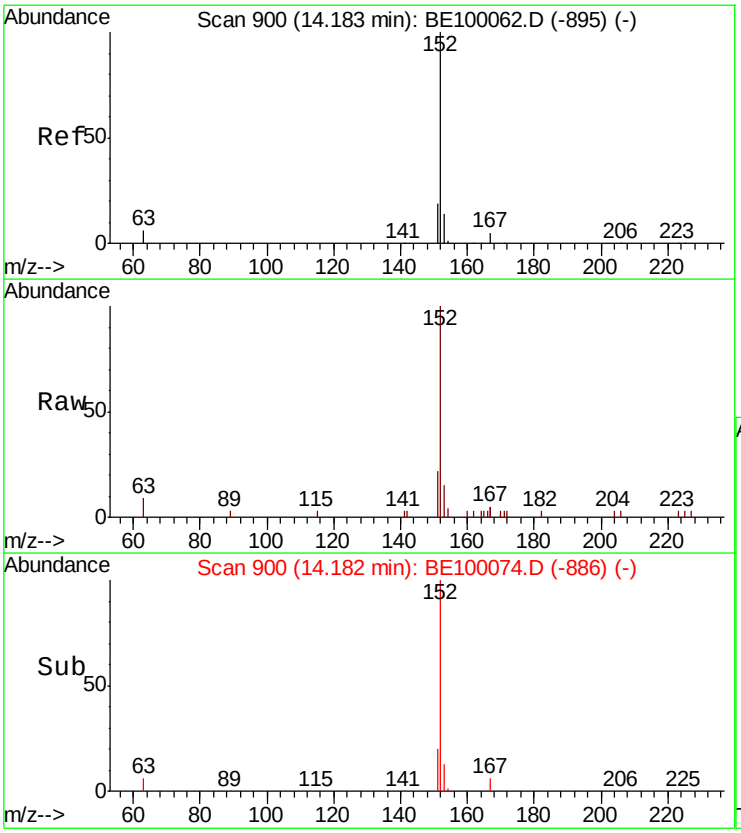
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2487

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.6
170	30.5	21.3	31.9

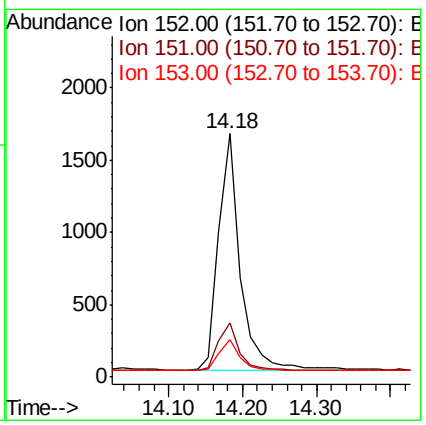


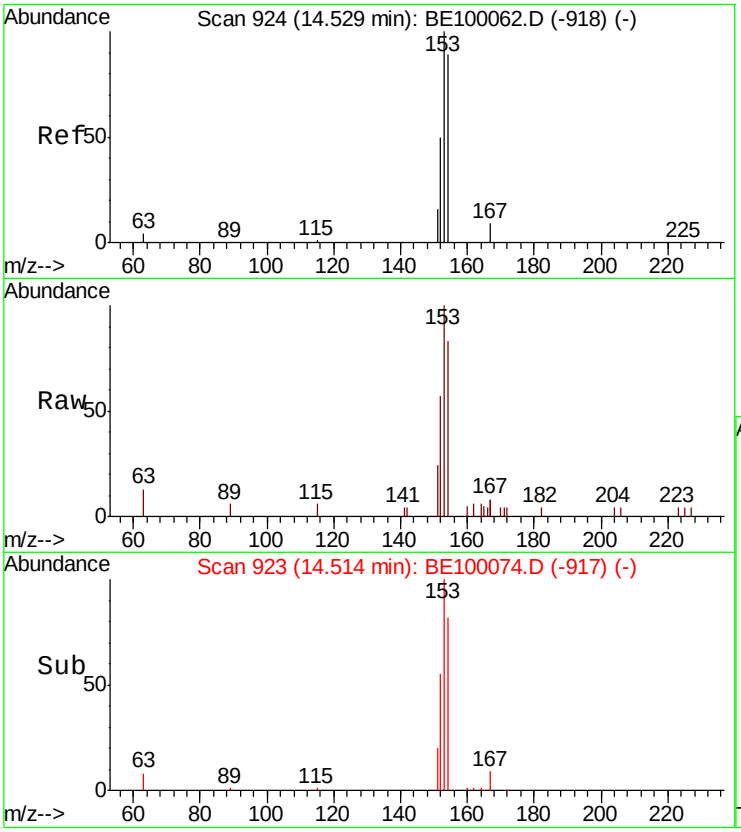


#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:152 Resp: 3329

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	12.9	11.1	16.7



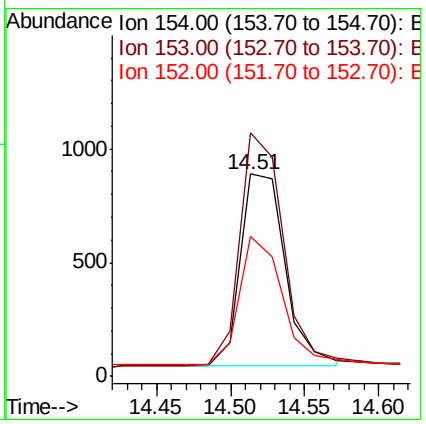


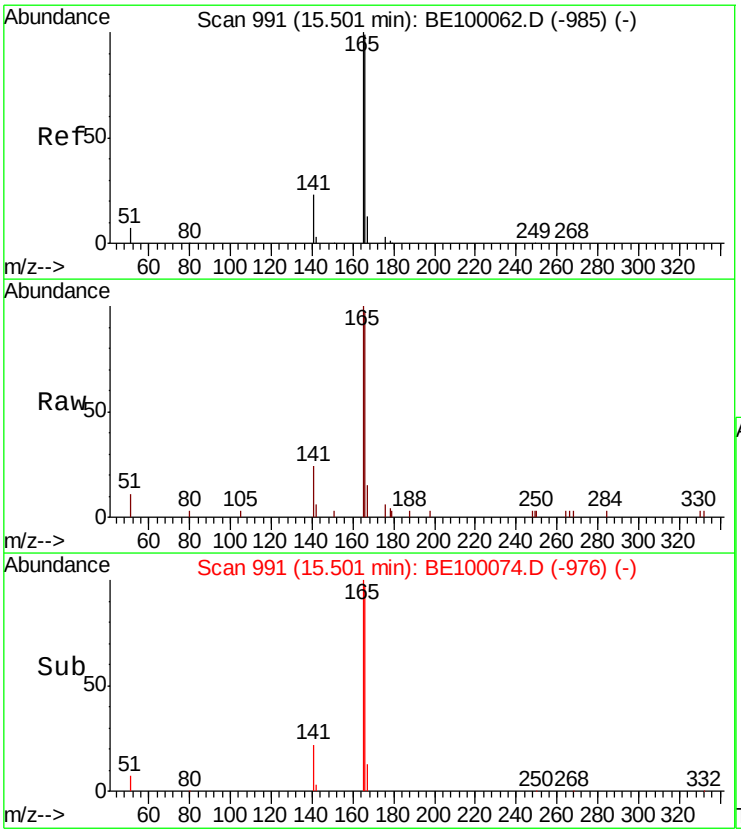
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1763

Ion	Ratio	Lower	Upper
154	100		
153	119.2	94.3	141.5
152	65.2	49.0	73.6

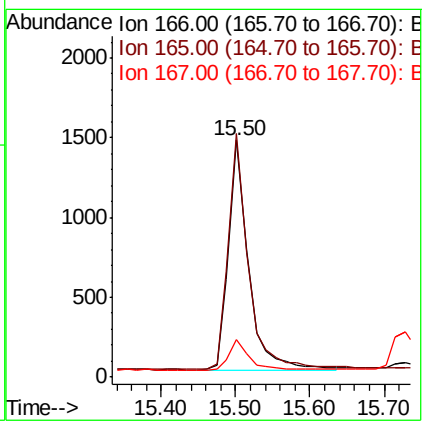


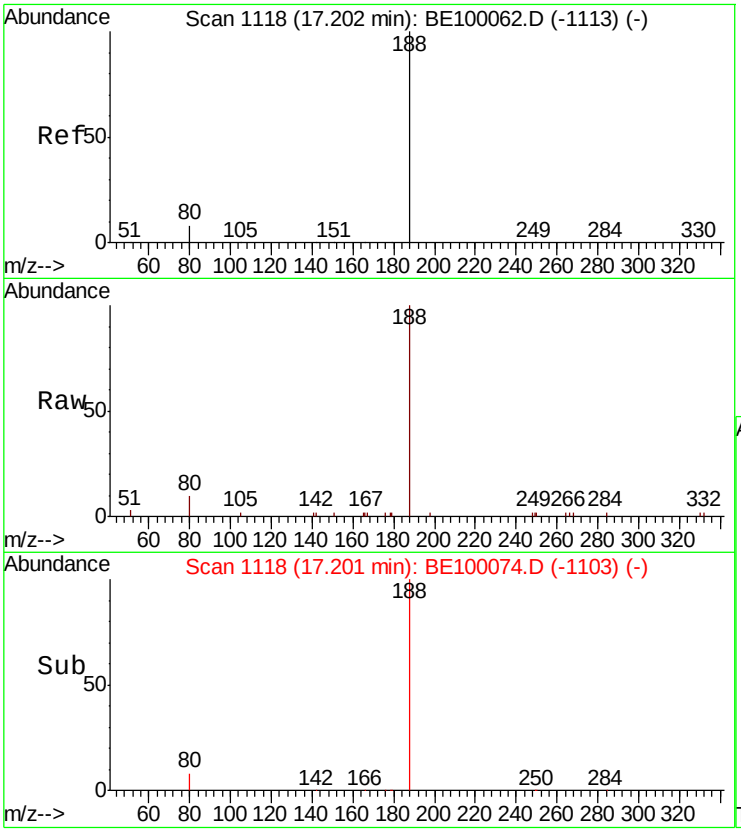


#18
Fluorene
Concen: 0.424 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:166 Resp: 2705

Ion	Ratio	Lower	Upper
166	100		
165	102.3	82.3	123.5
167	13.2	11.0	16.4



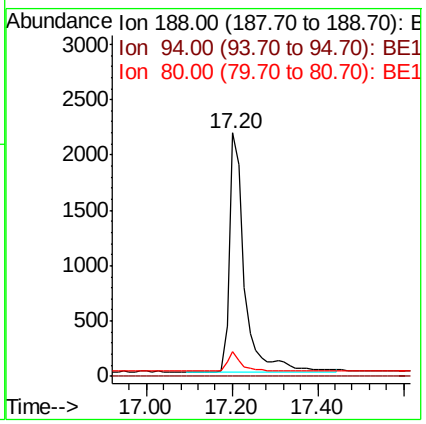


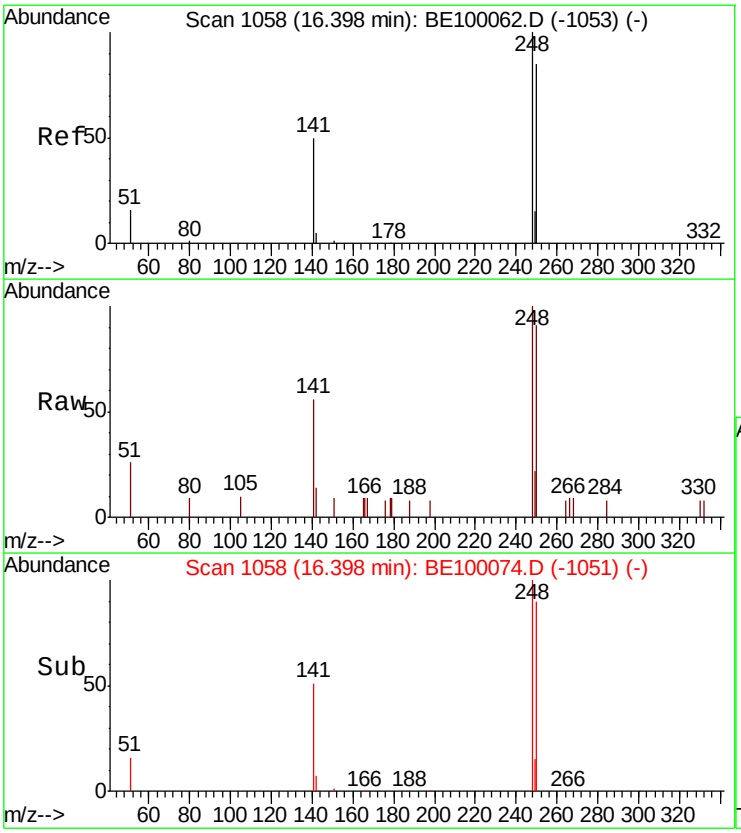
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 5213

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.2	12.4

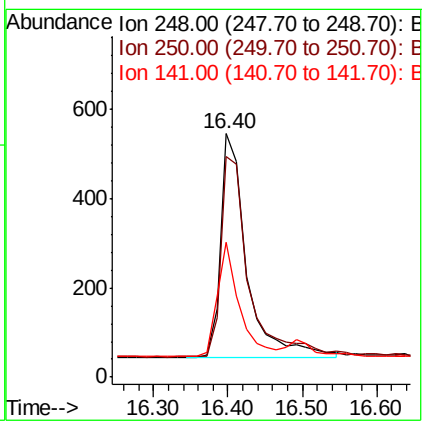


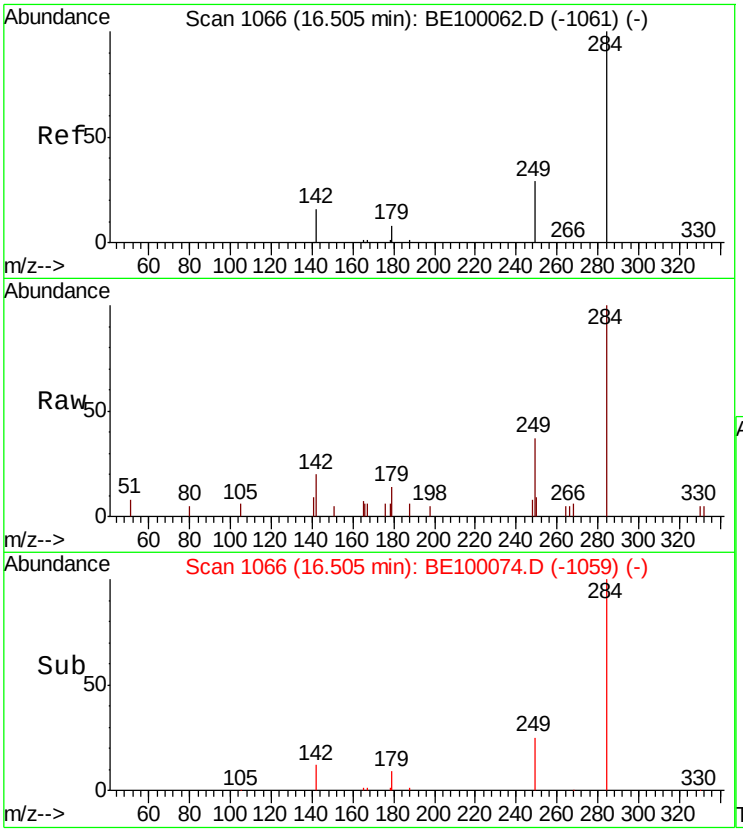


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:248 Resp: 1231

Ion	Ratio	Lower	Upper
248	100		
250	90.8	69.8	104.8
141	55.6	43.0	64.6



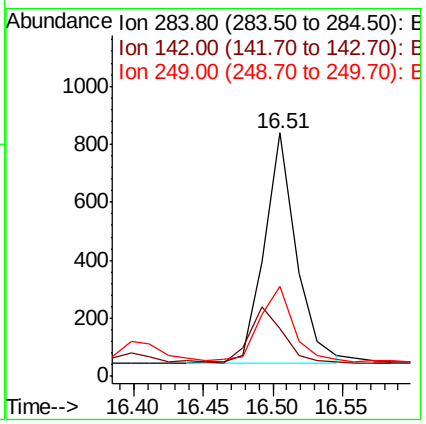


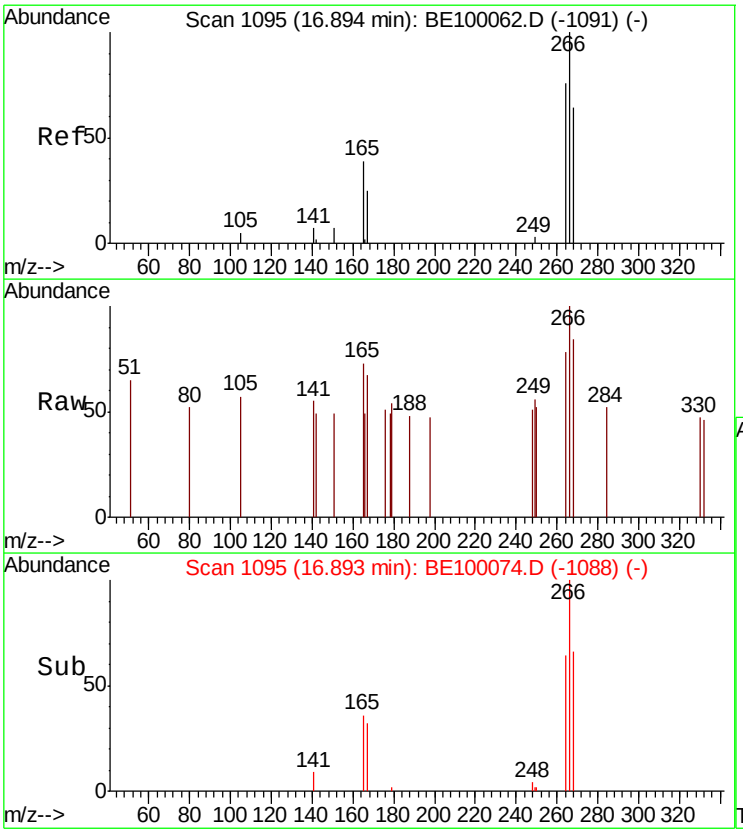
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1275

Ion	Ratio	Lower	Upper
284	100		
142	24.3	20.4	30.6
249	31.8	25.3	37.9

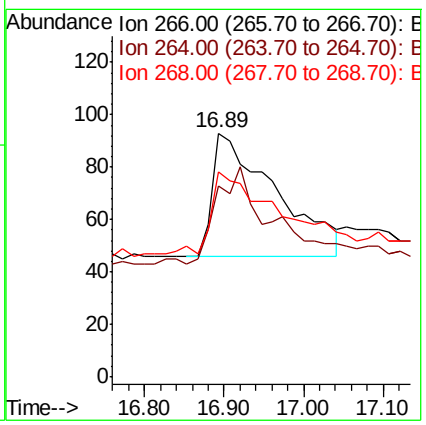


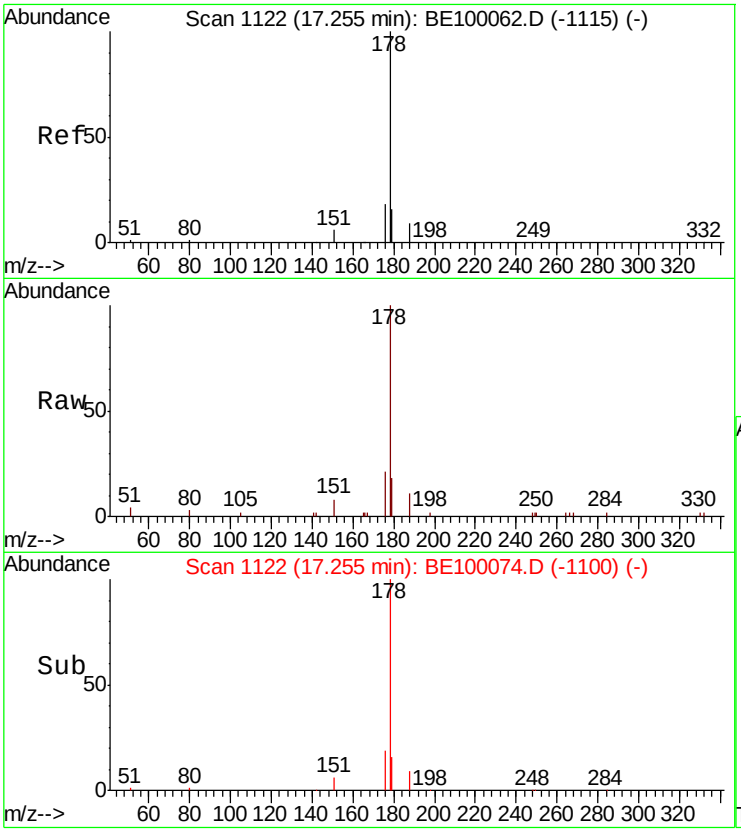


#22
Pentachlorophenol
Concen: 0.363 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:266 Resp: 257

Ion	Ratio	Lower	Upper
266	100		
264	78.5	68.6	102.8
268	83.9	67.0	100.6



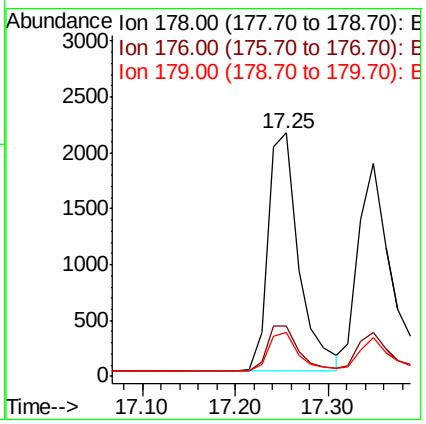


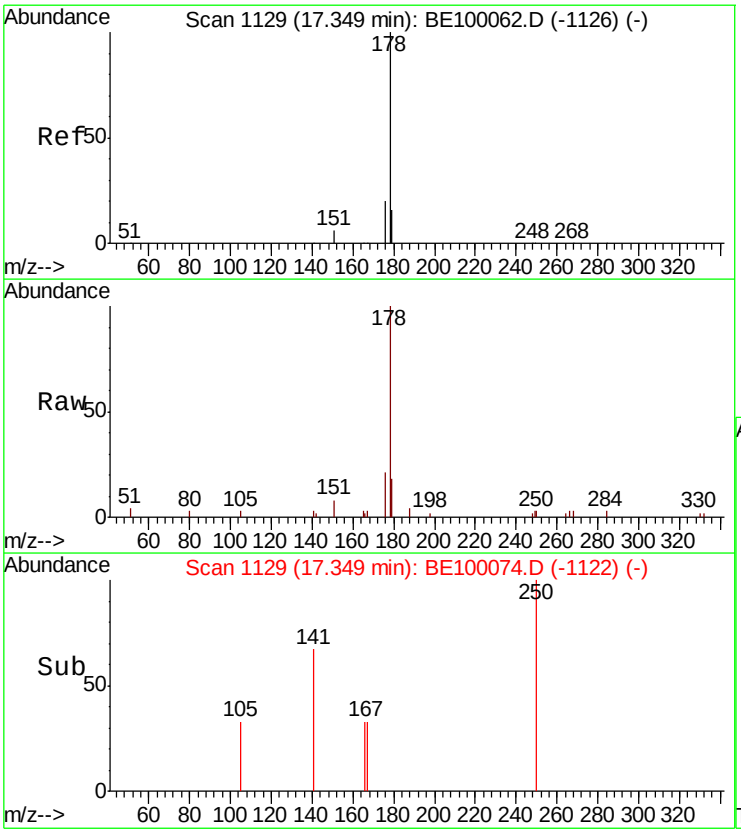
#23
Phenanthrene
Concen: 0.388 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 4931

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.0	12.4	18.6

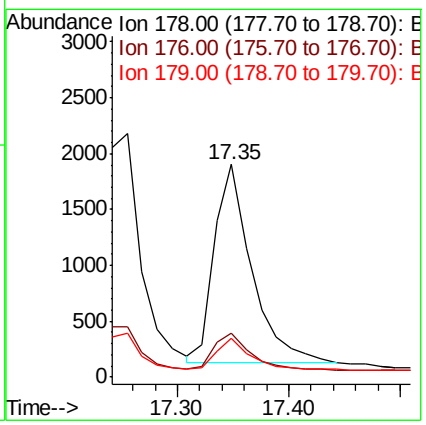


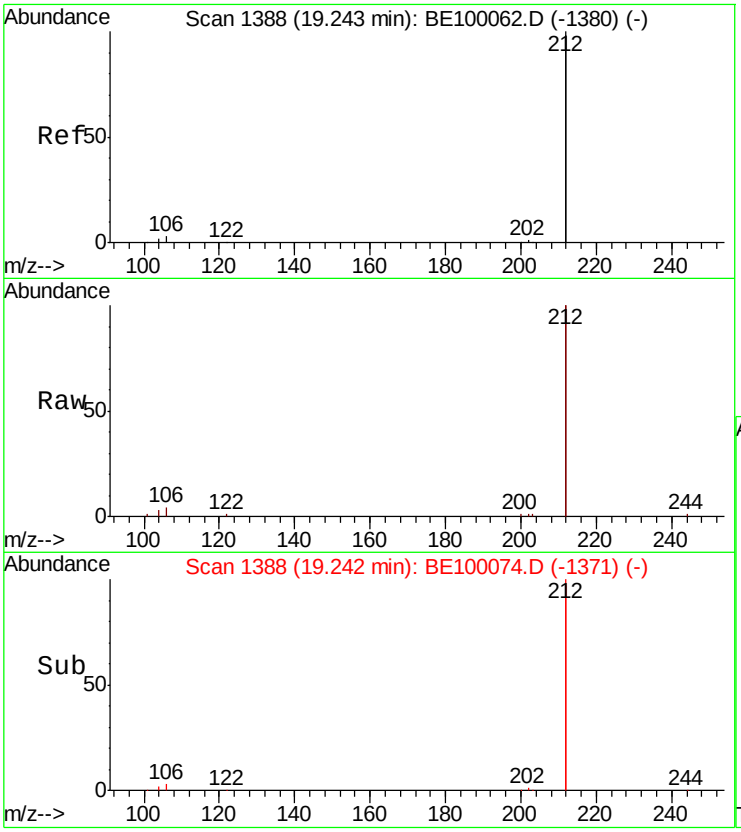


#24
Anthracene
Concen: 0.375 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:178 Resp: 4186

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	13.9	12.6	18.8



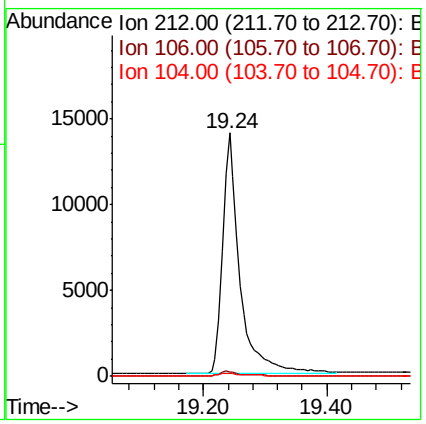


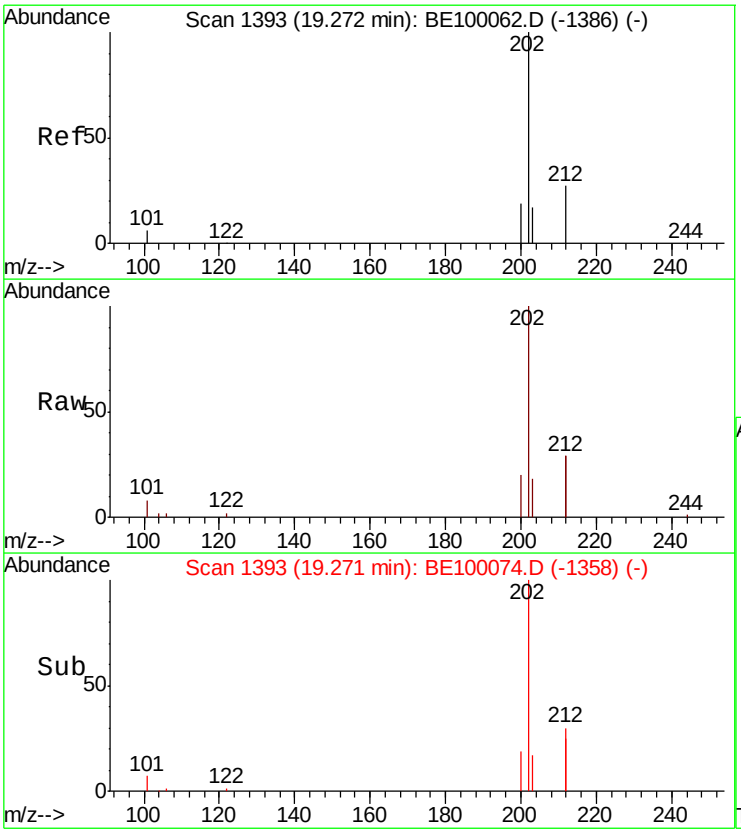
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 27020

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

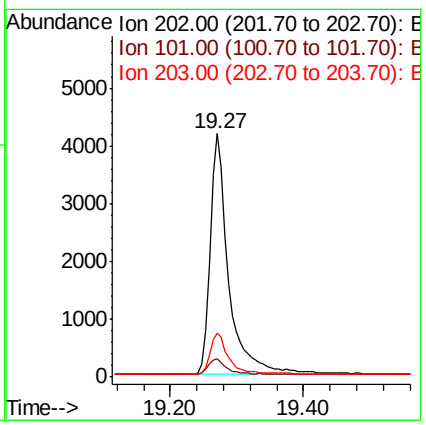


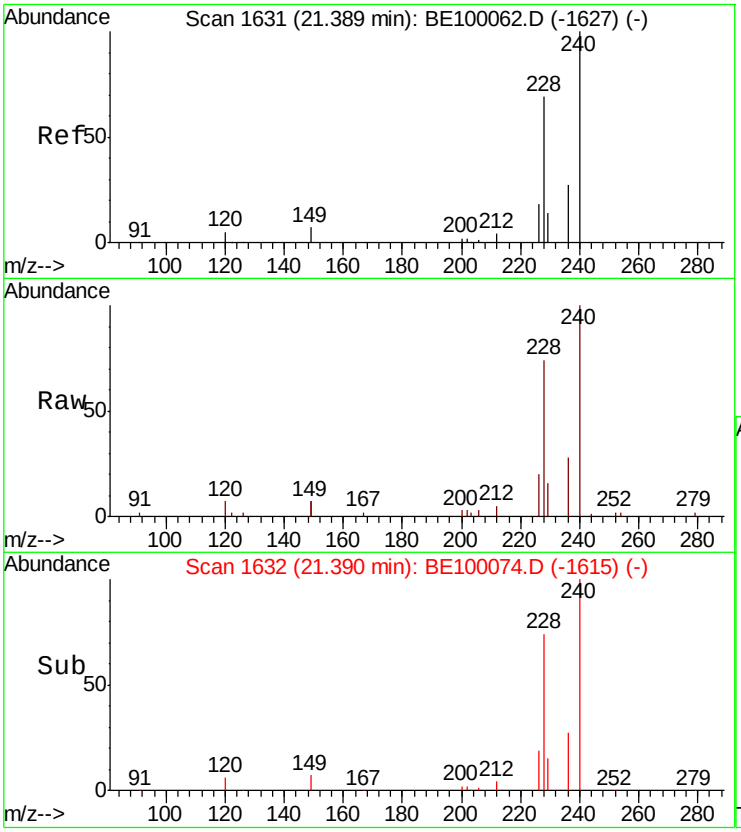


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:202 Resp: 7958

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.3	7.9
203	16.9	13.3	19.9



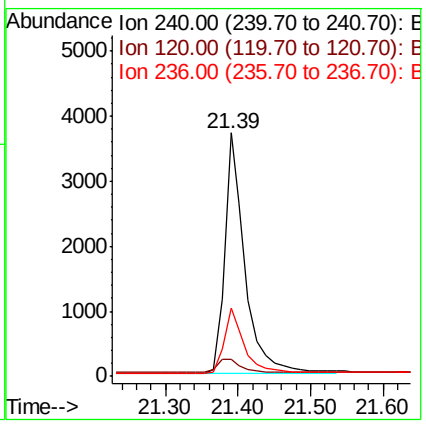


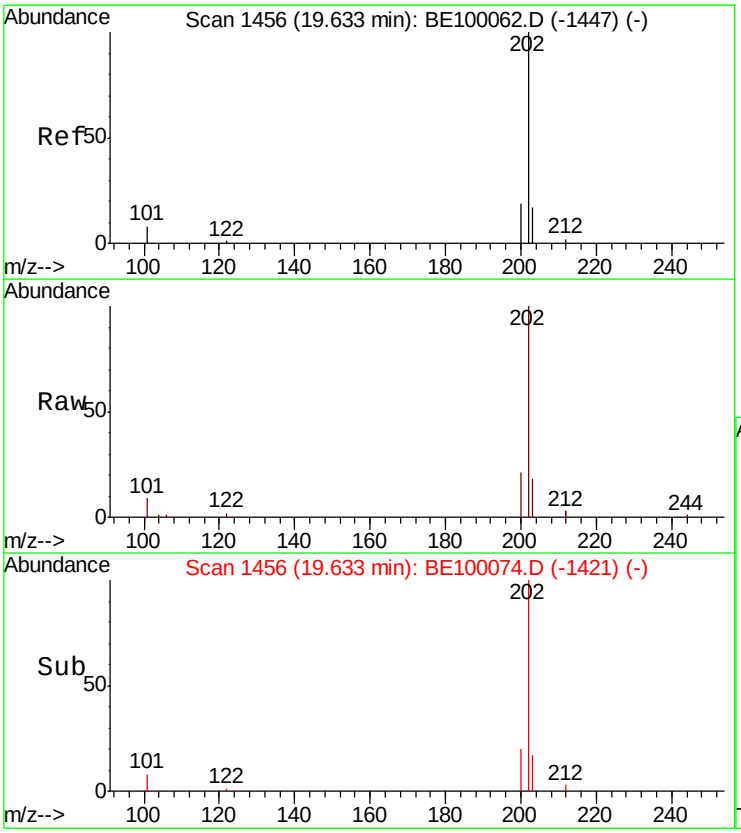
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 7234

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.4	8.0
236	28.0	22.6	33.8

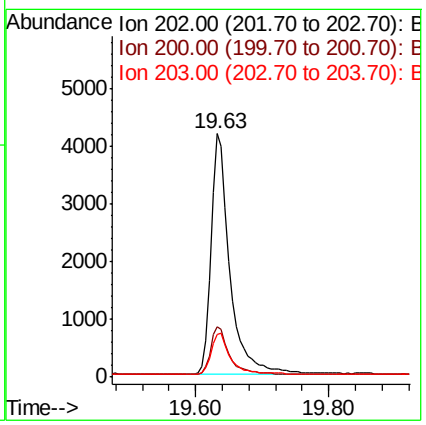


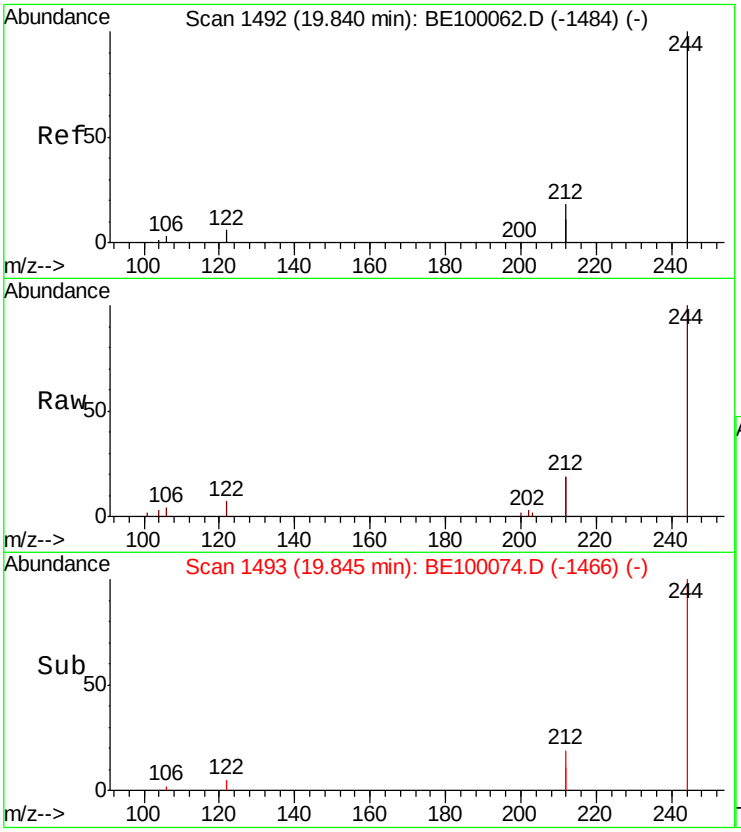


#28
Pyrene
Concen: 0.451 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:202 Resp: 8110

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.3	14.0	21.0



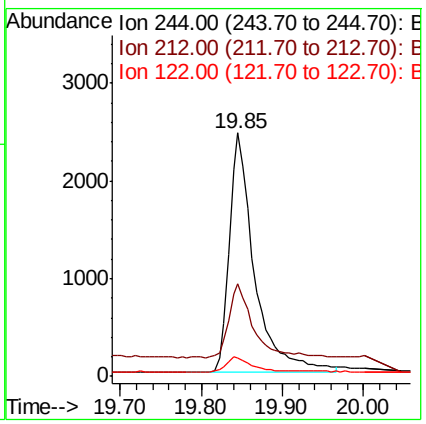


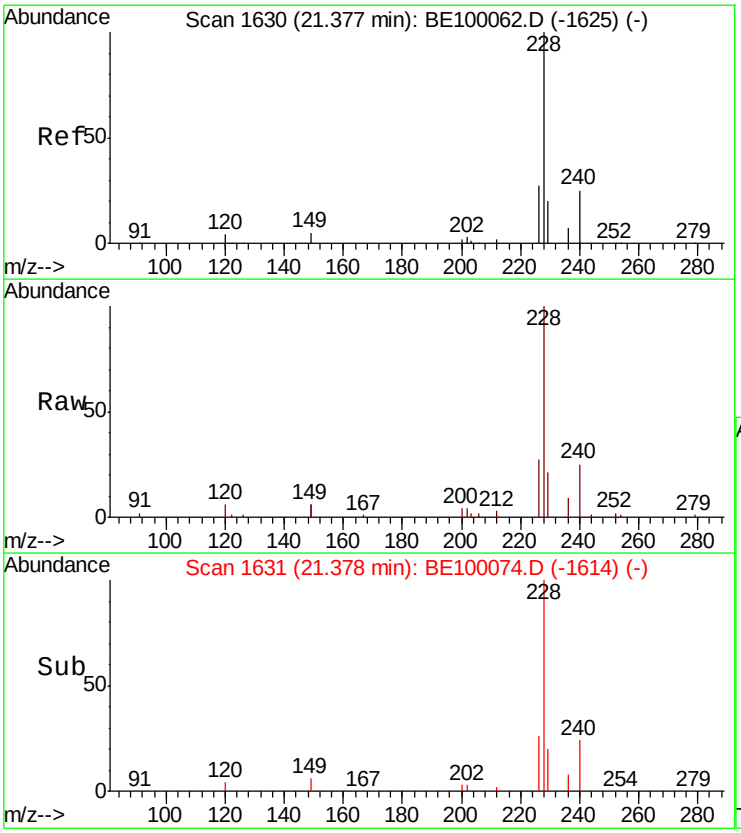
#29
Terphenyl-d14
Concen: 0.428 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 5215

Ion	Ratio	Lower	Upper
244	100		
212	38.2	27.9	41.9
122	7.3	5.8	8.6

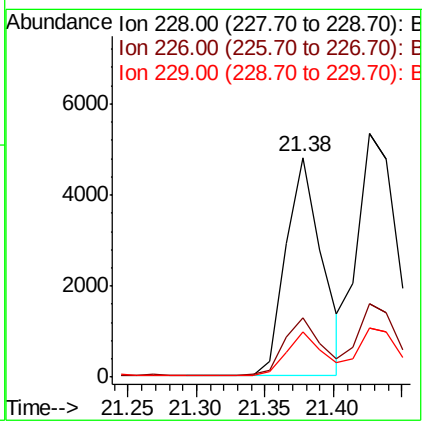


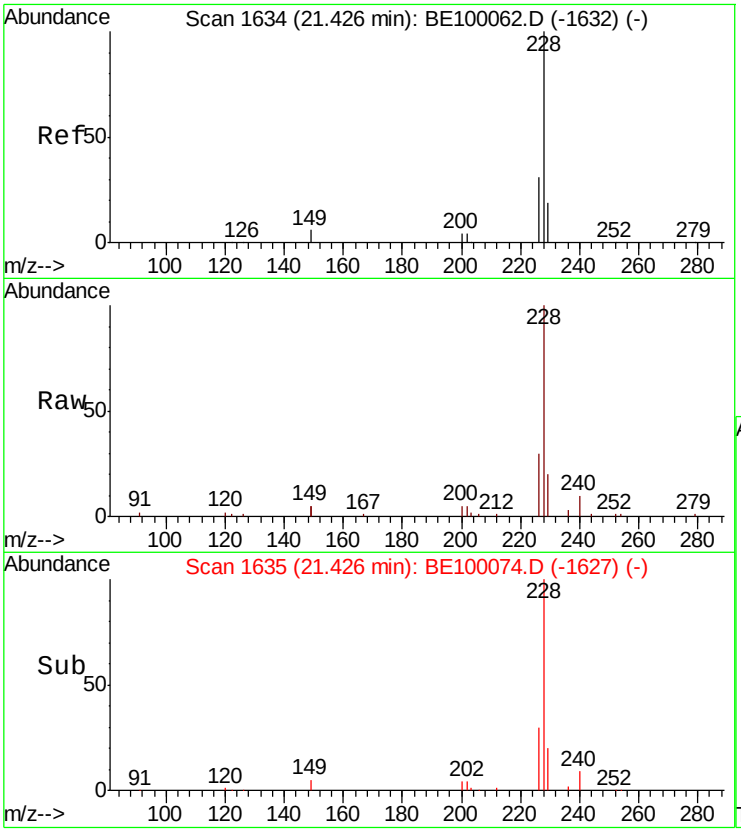


#30
Benzo(a)anthracene
Concen: 0.421 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:228 Resp: 8765

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.7	16.9	25.3



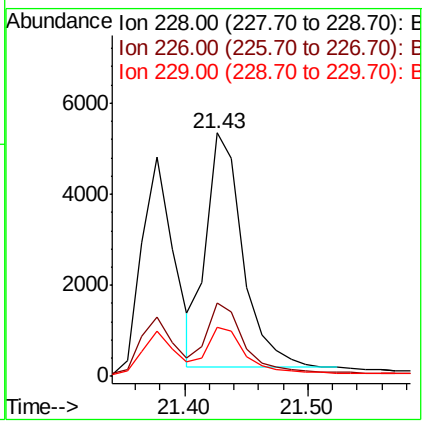


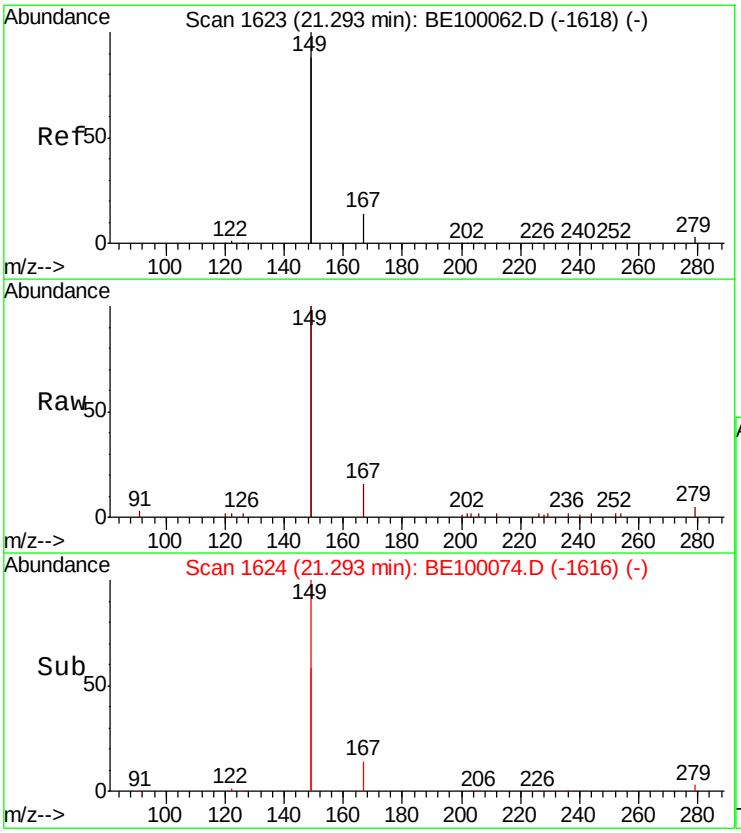
#31
Chrysene
Concen: 0.455 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10697

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.4	15.8	23.8

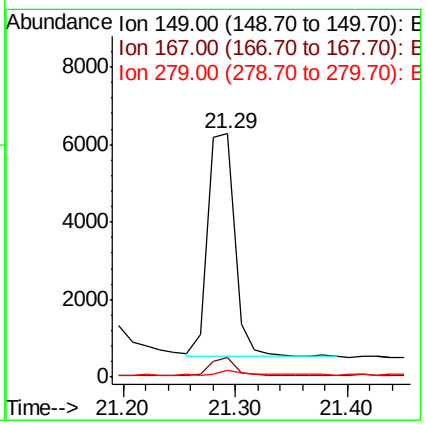


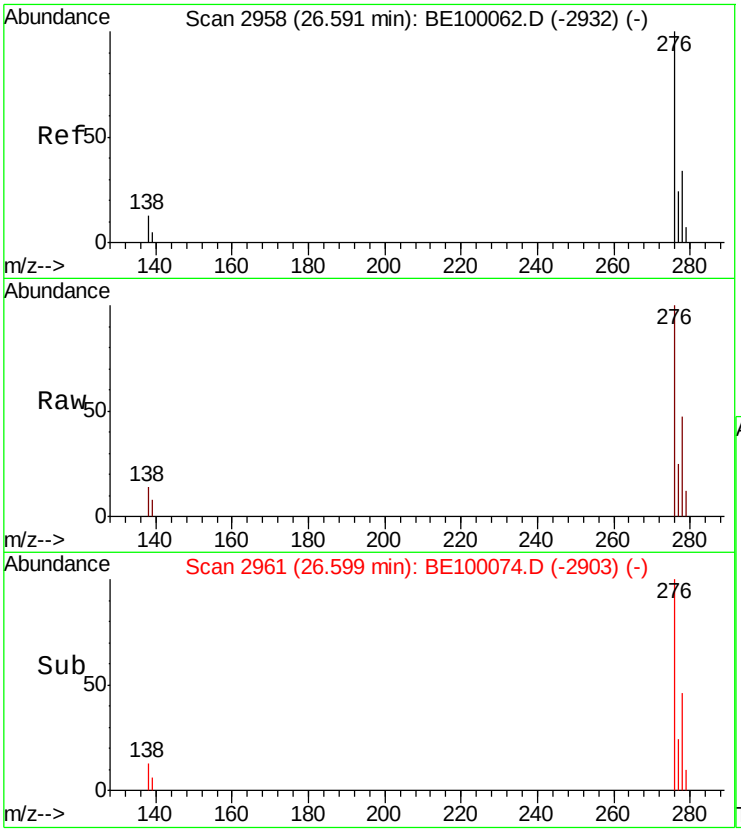


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.328 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:149 Resp: 9527

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.4	1.0	1.6



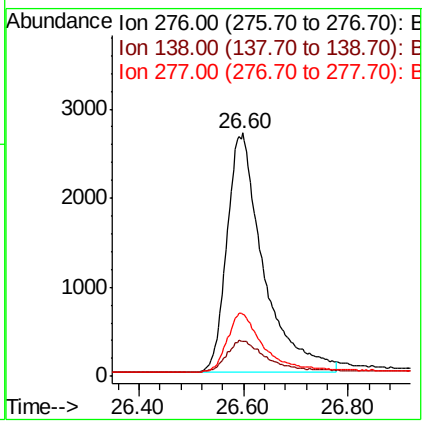


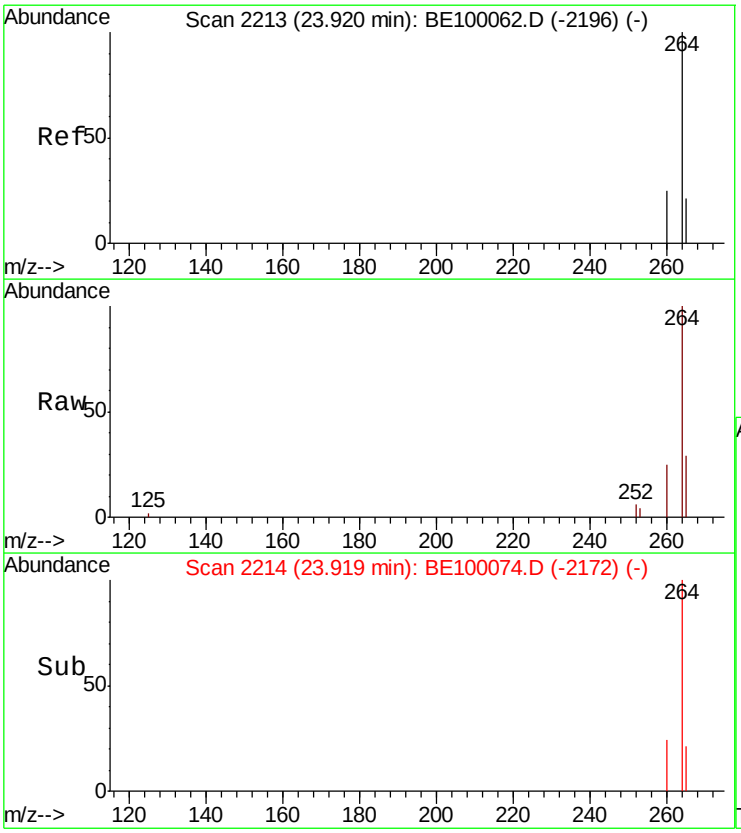
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng
RT: 26.60 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 13011

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.7	16.1
277	24.6	19.1	28.7

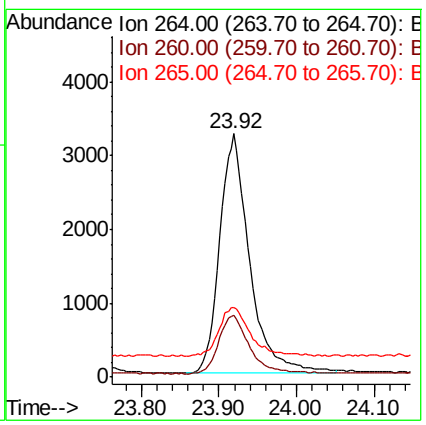


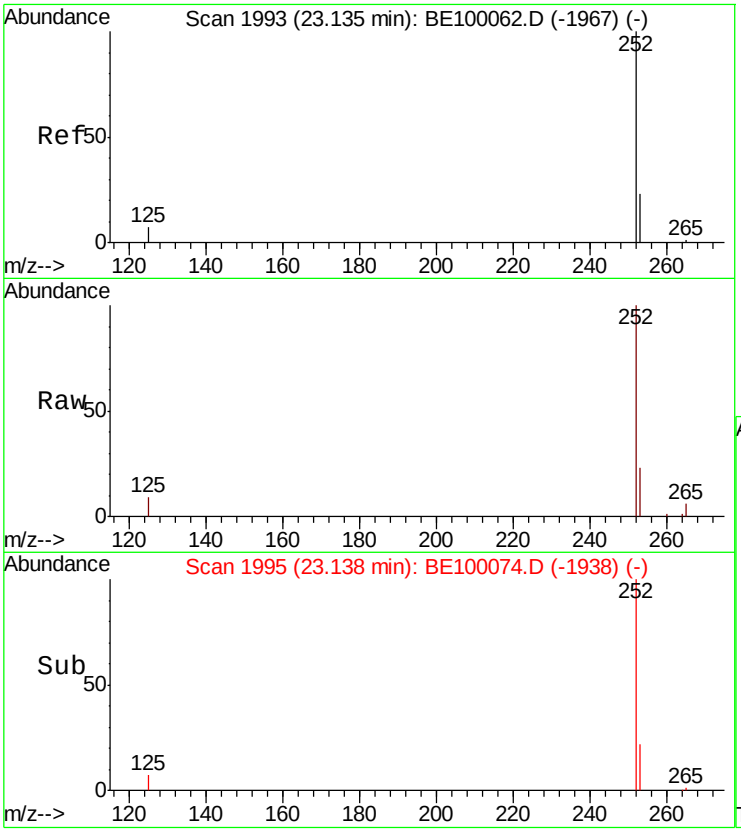


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:264 Resp: 8685

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	31.0
265	28.6	23.6	35.4



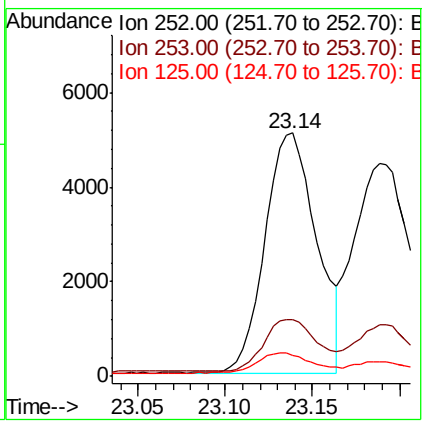


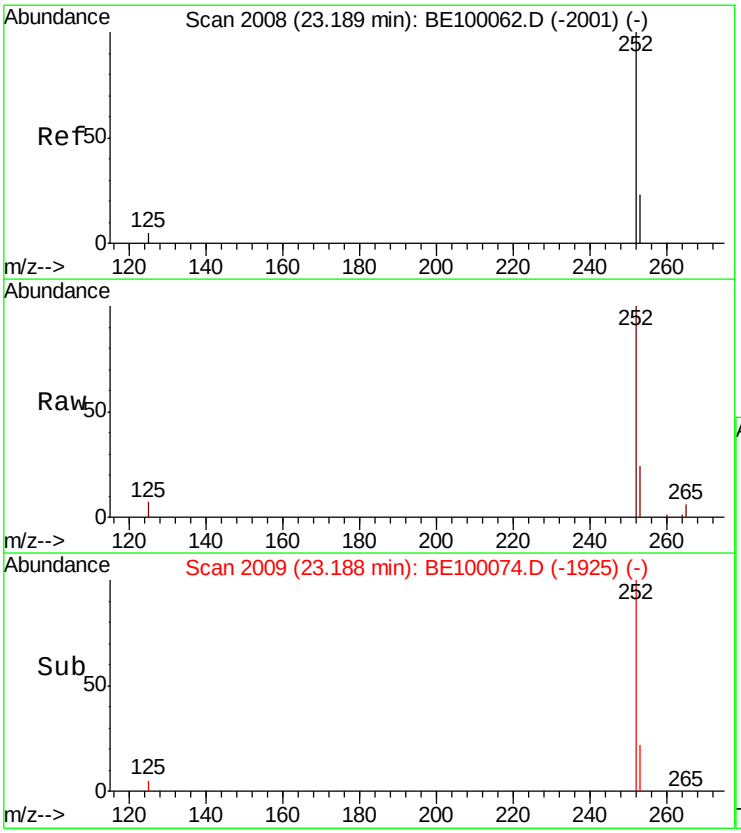
#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10426

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.6	29.4
125	8.7	7.2	10.8

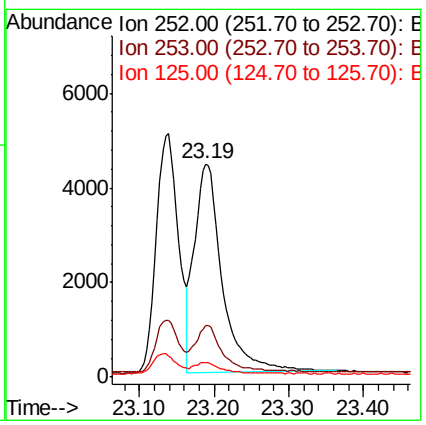


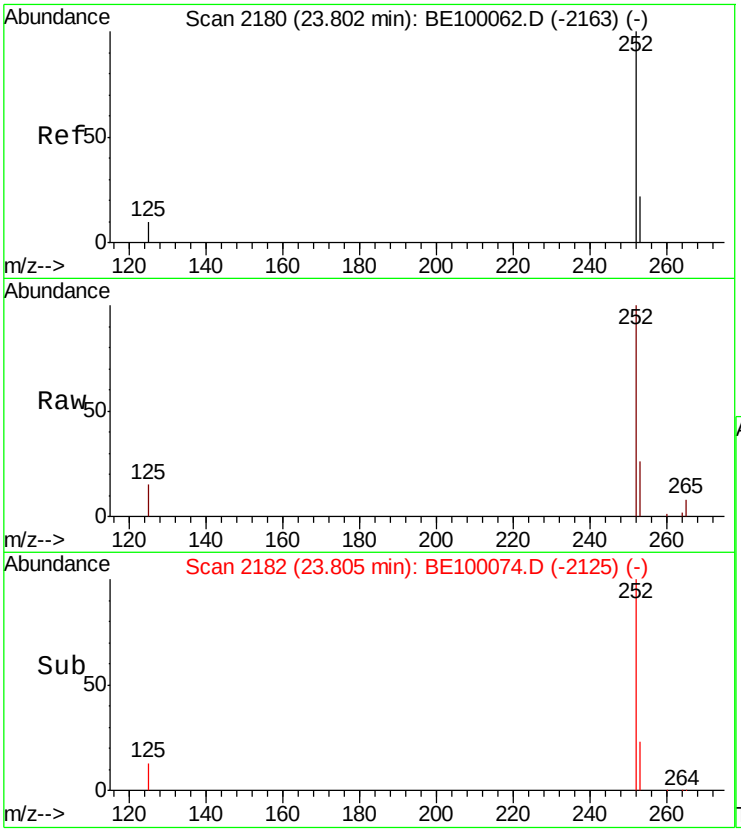


#36
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:252 Resp: 11554

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.3	28.9
125	6.9	5.6	8.4



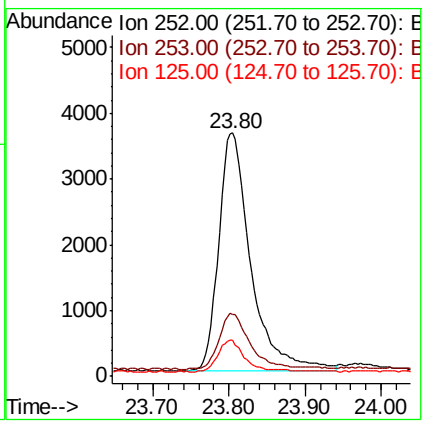


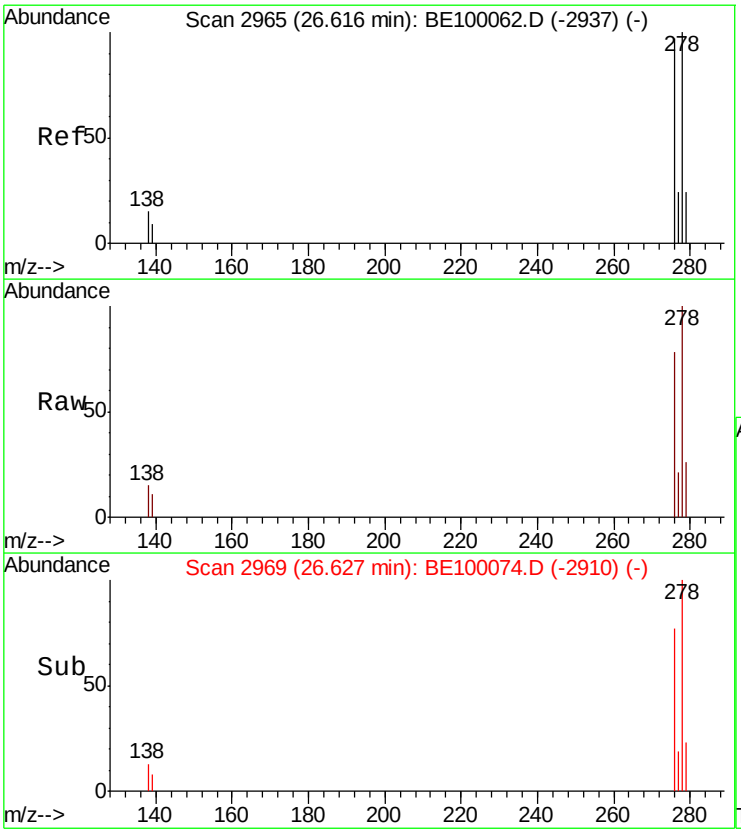
#37
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.80 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10574

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.0	30.0
125	14.7	9.6	14.4#

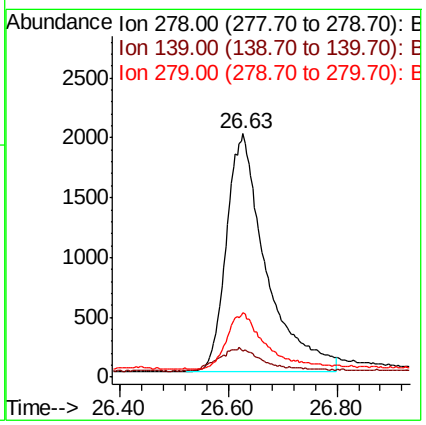


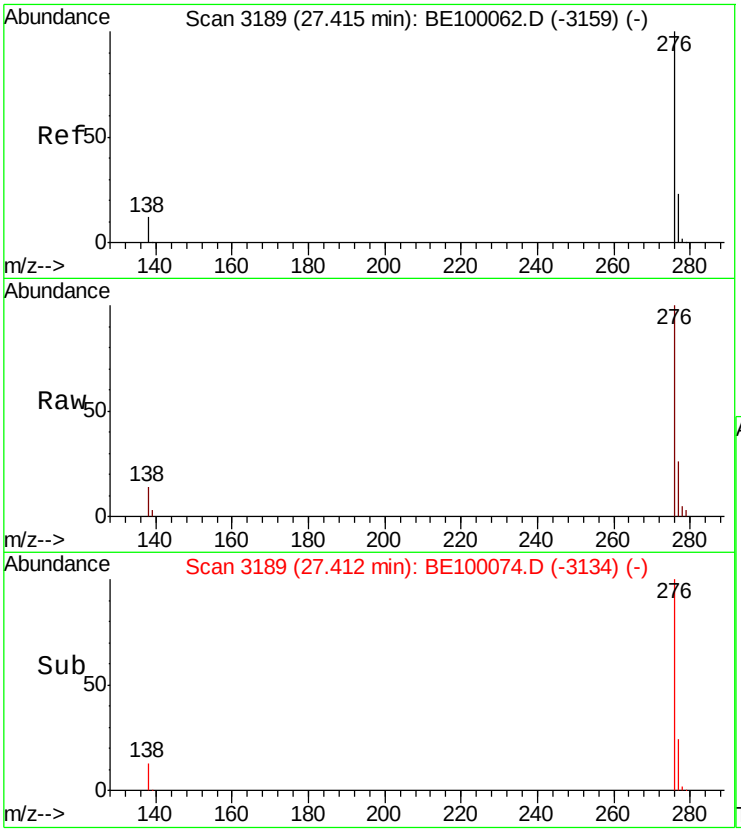


#38
Dibenzo(a,h)anthracene
Concen: 0.417 ng
RT: 26.63 min Scan# 2969
Delta R.T. 0.01 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Tgt Ion:278 Resp: 10102

Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.2	13.8
279	26.2	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 27.41 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BE100074.D
Acq: 17 Jun 2019 23:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10700

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.2
138	14.5	11.0	16.6