Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100238.D
Acq On : 28 Jun 2019 17:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc : LOQ-W-0.2PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 29 00:01:03 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

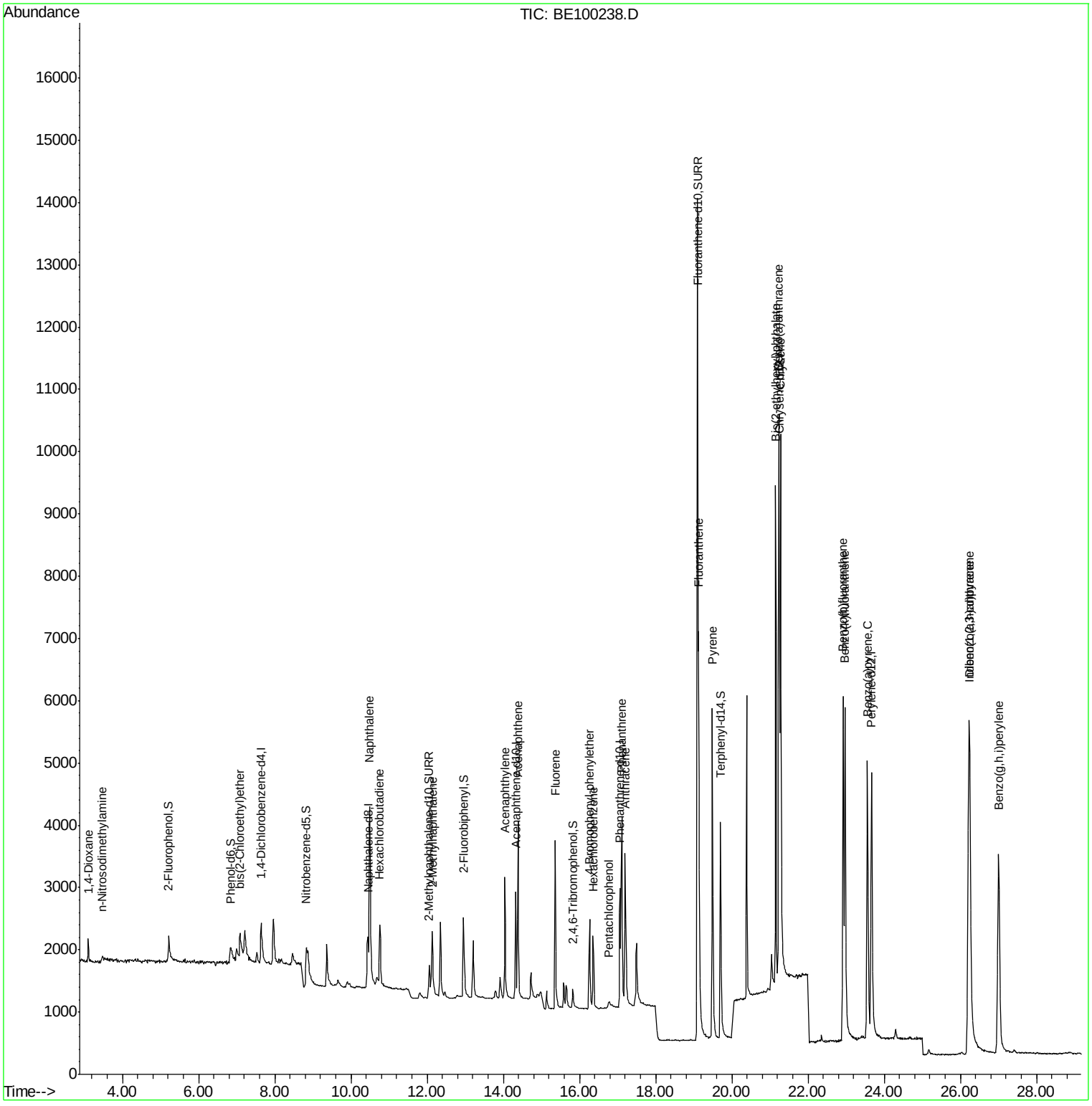
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	465	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	1591	0.40	ng		0.00
13) Acenaphthene-d10	14.33	164	1290	0.40	ng		0.01
19) Phenanthrene-d10	17.07	188	3923	0.40	ng		0.01
27) Chrysene-d12	21.24	240	6106	0.40	ng		0.00
34) Perylene-d12	23.67	264	7249	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	471	0.40	ng		0.00
5) Phenol-d6	6.84	99	535	0.34	ng		0.00
8) Nitrobenzene-d5	8.82	82	635	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	1278	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	337	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	2086	0.41	ng		0.01
25) Fluoranthene-d10	19.10	212	23565	0.41	ng		0.00
29) Terphenyl-d14	19.70	244	4974	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	304	0.421	ng		94
3) n-Nitrosodimethylamine	3.48	42	86	0.256	ng	#	37
6) bis(2-Chloroethyl)ether	7.09	93	562	0.439	ng		91
9) Naphthalene	10.48	128	7379	0.421	ng		99
10) Hexachlorobutadiene	10.76	225	778	0.460	ng		98
12) 2-Methylnaphthalene	12.14	142	1195	0.388	ng		95
16) Acenaphthylene	14.04	152	2635	0.426	ng		98
17) Acenaphthene	14.38	154	1466	0.418	ng		96
18) Fluorene	15.37	166	2168	0.418	ng		100
20) 4-Bromophenyl-phenylether	16.26	248	1084	0.433	ng		95
21) Hexachlorobenzene	16.36	284	1142	0.439	ng		97
22) Pentachlorophenol	16.77	266	214	0.274	ng	#	88
23) Phenanthrene	17.11	178	3944	0.415	ng		100
24) Anthracene	17.20	178	3499	0.409	ng		98
26) Fluoranthene	19.13	202	6439	0.425	ng		99
28) Pyrene	19.49	202	6390	0.395	ng		99
30) Benzo(a)anthracene	21.23	228	7914	0.394	ng		98
31) Chrysene	21.28	228	8630	0.428	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	10070	0.297	ng		98
33) Indeno(1,2,3-cd)pyrene	26.22	276	11008	0.413	ng		100
35) Benzo(b)fluoranthene	22.92	252	8130	0.414	ng		99
36) Benzo(k)fluoranthene	22.97	252	9362	0.427	ng		98
37) Benzo(a)pyrene	23.56	252	8654	0.439	ng		99
38) Dibenzo(a,h)anthracene	26.25	278	8595	0.418	ng		99
39) Benzo(g,h,i)perylene	27.01	276	9134	0.432	ng		98

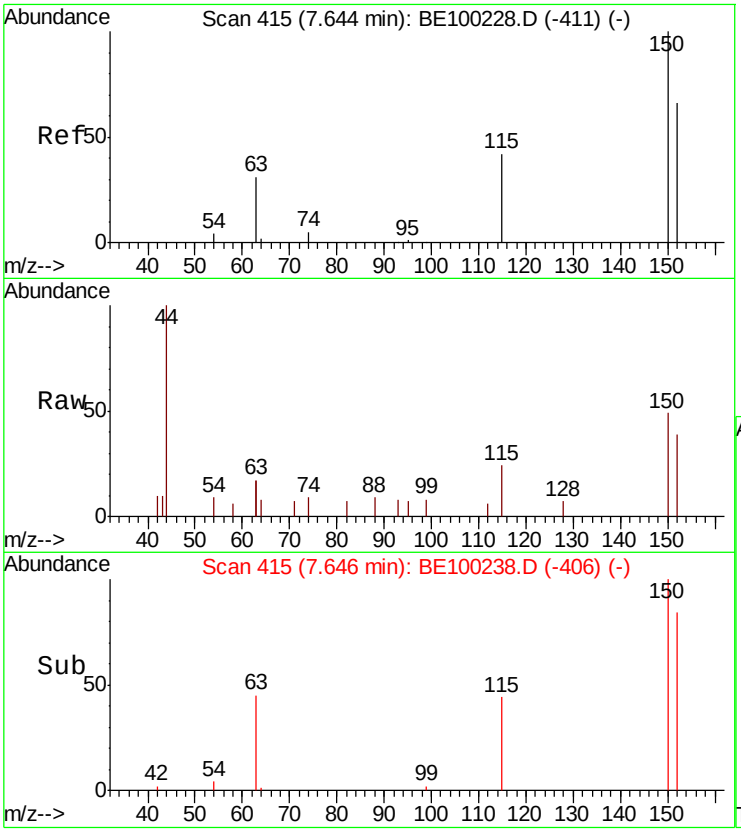
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100238.D
Acq On : 28 Jun 2019 17:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc : LOQ-W-0.2PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 29 00:01:03 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



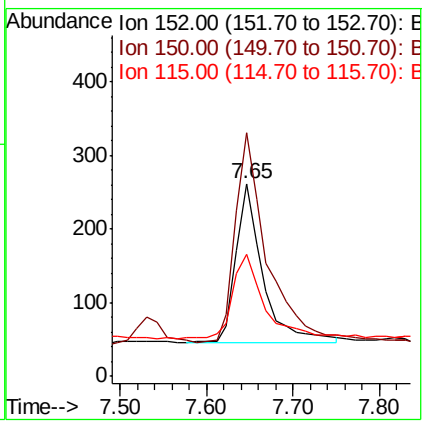


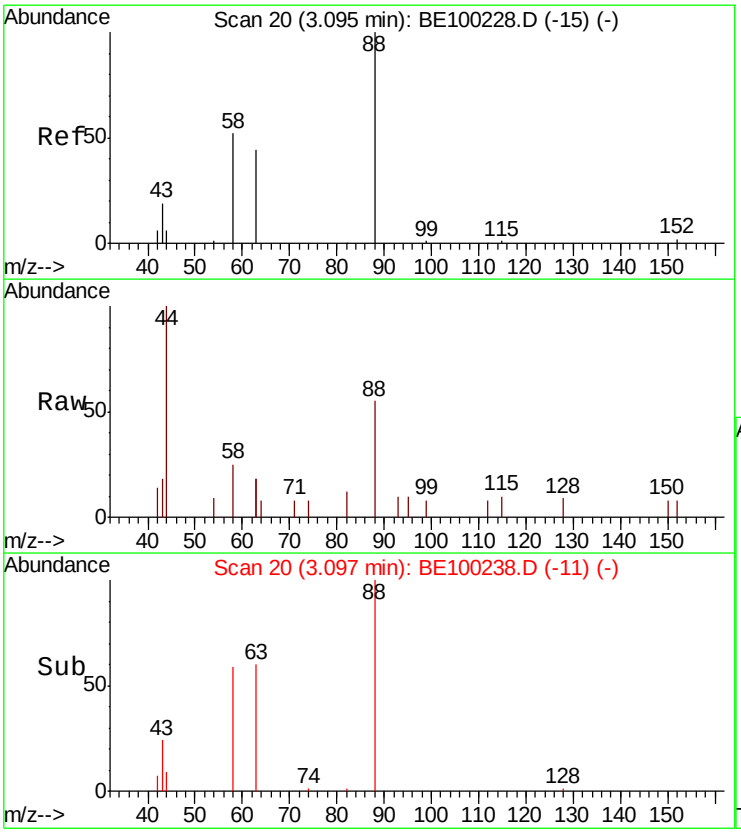
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 465

Ion	Ratio	Lower	Upper
152	100		
150	126.3	114.5	171.7
115	63.0	57.1	85.7

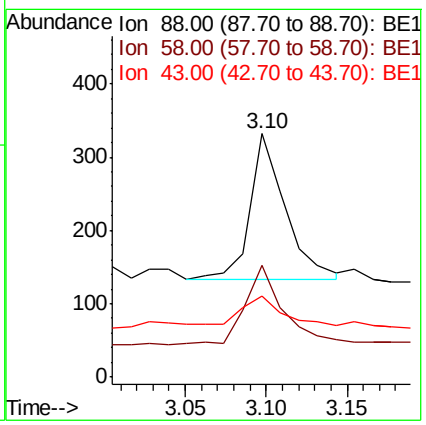


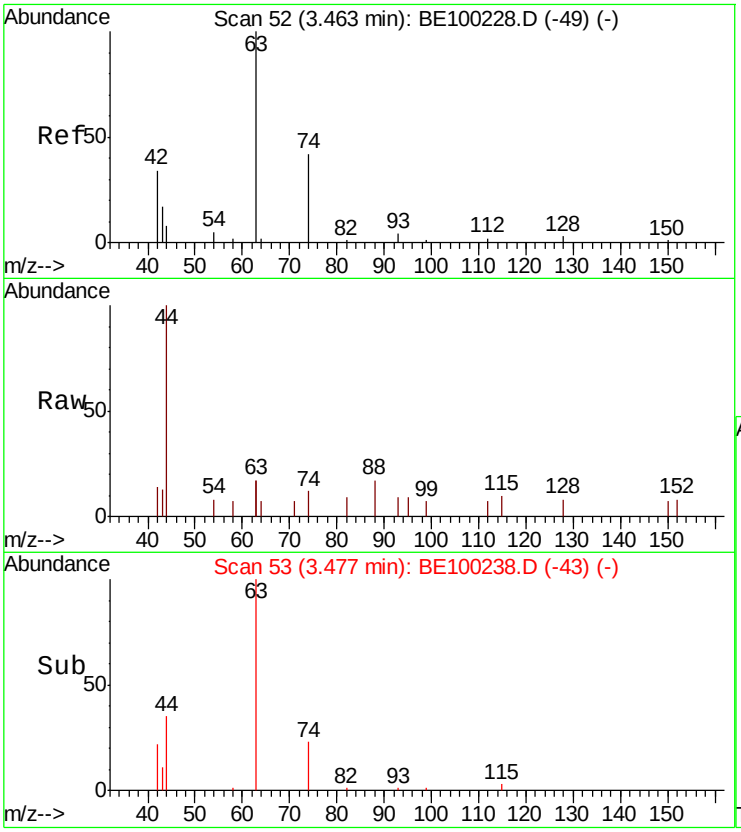


#2
1,4-Dioxane
Concen: 0.421 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion: 88 Resp: 304

Ion	Ratio	Lower	Upper
88	100		
58	57.9	43.6	65.4
43	22.0	21.4	32.0



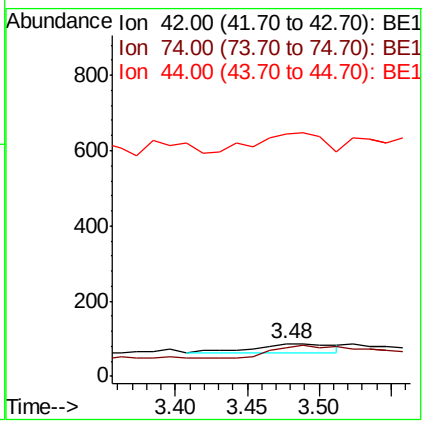


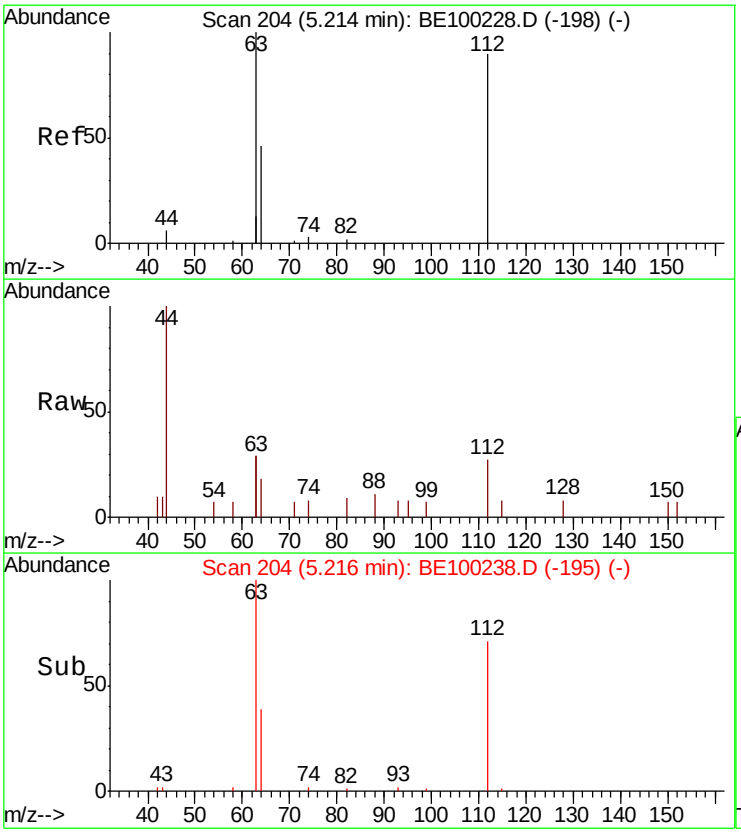
#3
n-Nitrosodimethylamine
Concen: 0.256 ng
RT: 3.48 min Scan# 53
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 86

Ion	Ratio	Lower	Upper
42	100		
74	141.9	130.6	196.0
44	197.7	38.0	57.0#

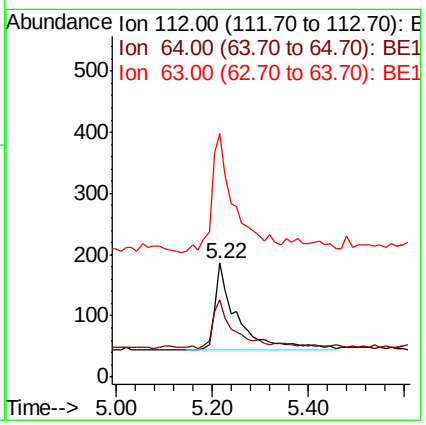


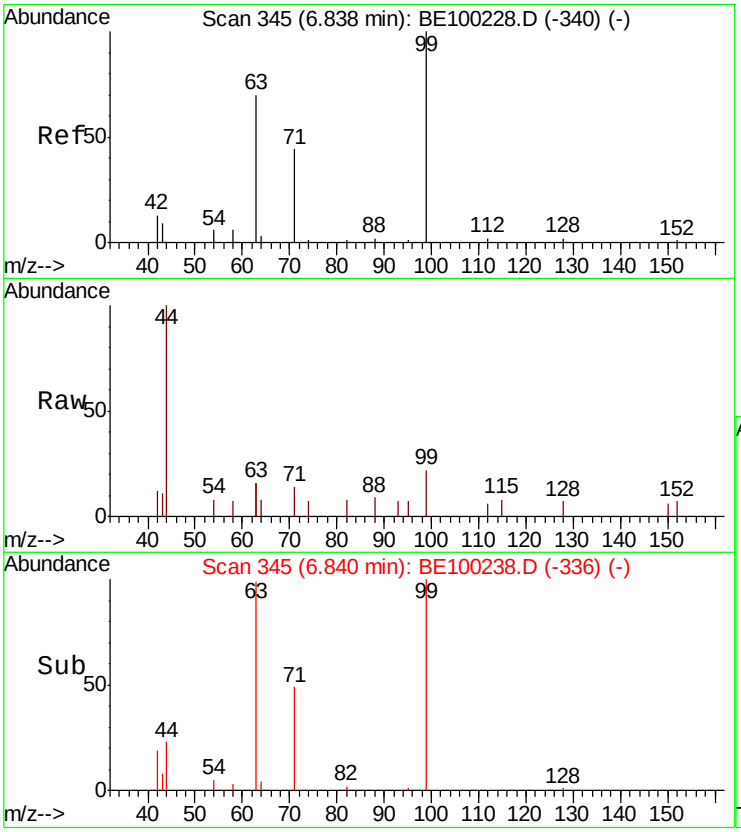


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.22 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:112 Resp: 471

Ion	Ratio	Lower	Upper
112	100		
64	54.6	39.4	59.0
63	137.4	104.5	156.7



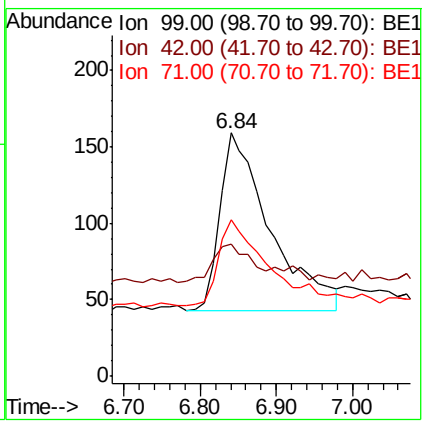


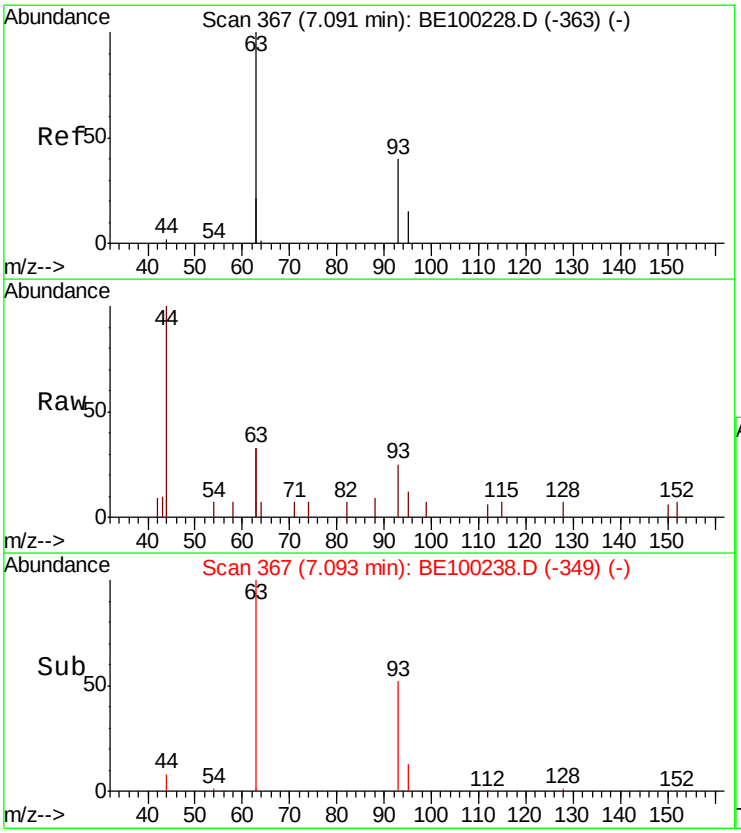
#5
Phenol-d6
Concen: 0.343 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 535

Ion	Ratio	Lower	Upper
99	100		
42	16.6	11.2	16.8
71	49.7	37.2	55.8

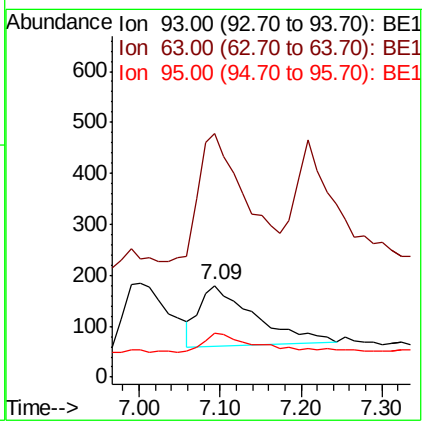


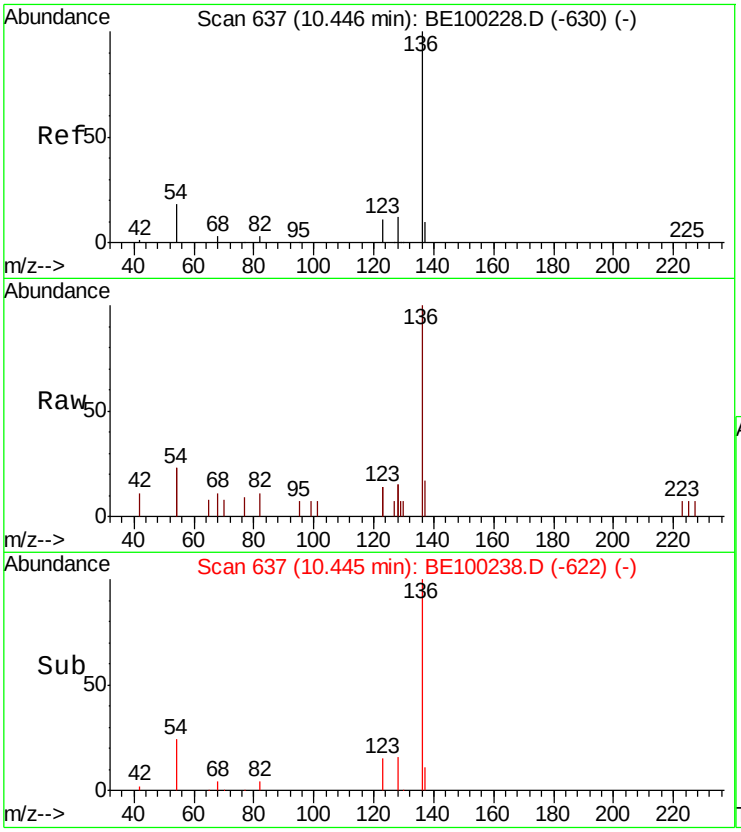


#6
bis(2-Chloroethyl)ether
Concen: 0.439 ng
RT: 7.09 min Scan# 367
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion: 93 Resp: 562

Ion	Ratio	Lower	Upper
93	100		
63	179.7	155.6	233.4
95	27.6	23.0	34.4



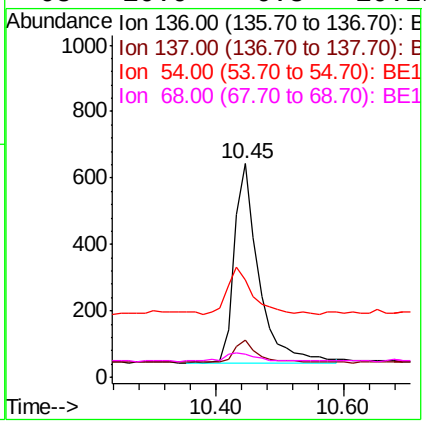


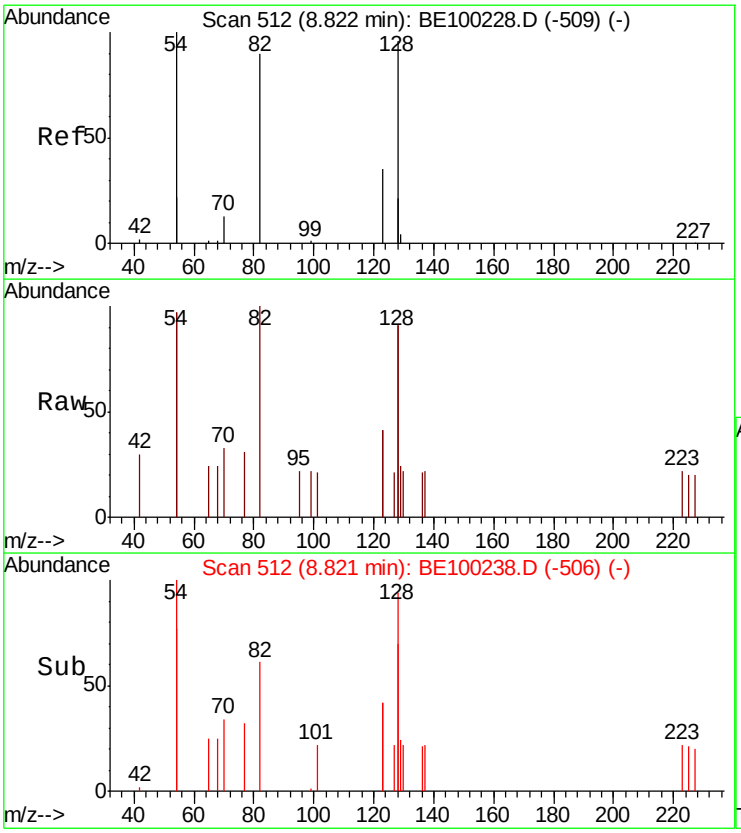
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 1591

Ion	Ratio	Lower	Upper
136	100		
137	17.4	11.8	17.8
54	45.4	27.7	41.5#
68	10.9	6.8	10.2#

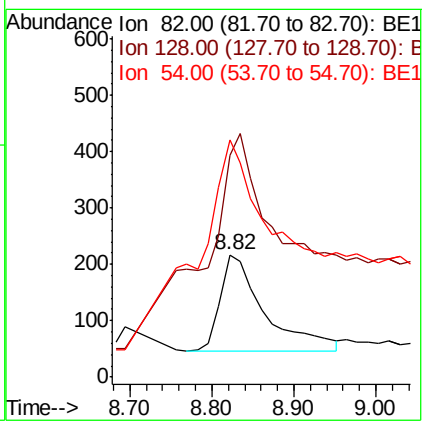


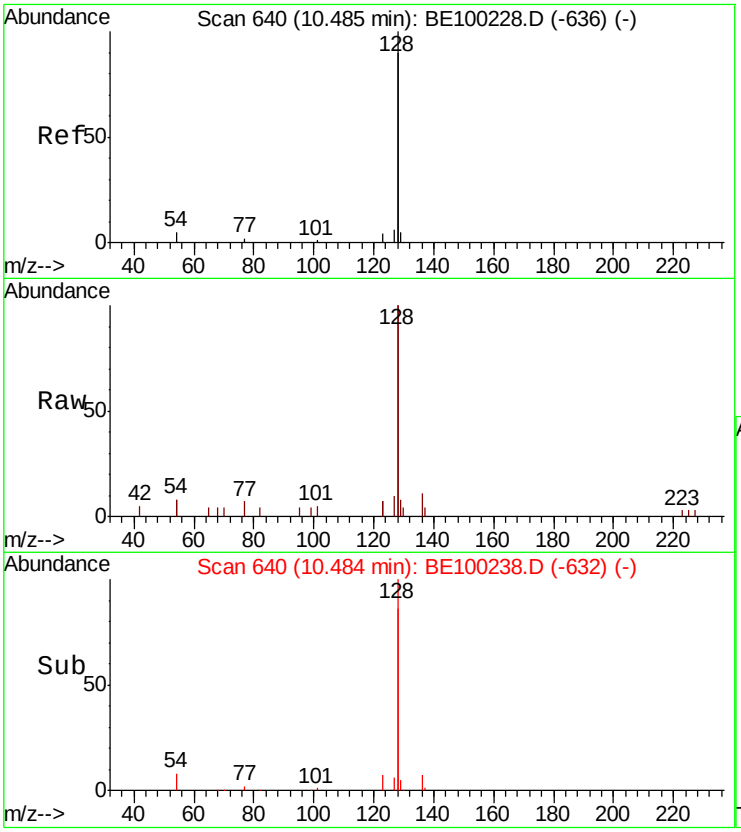


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion: 82 Resp: 635

Ion	Ratio	Lower	Upper
82	100		
128	181.6	140.9	211.3
54	193.5	146.2	219.2



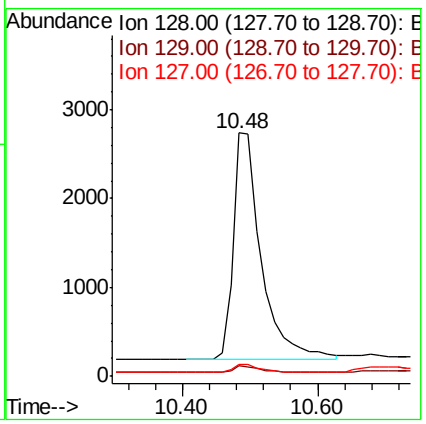


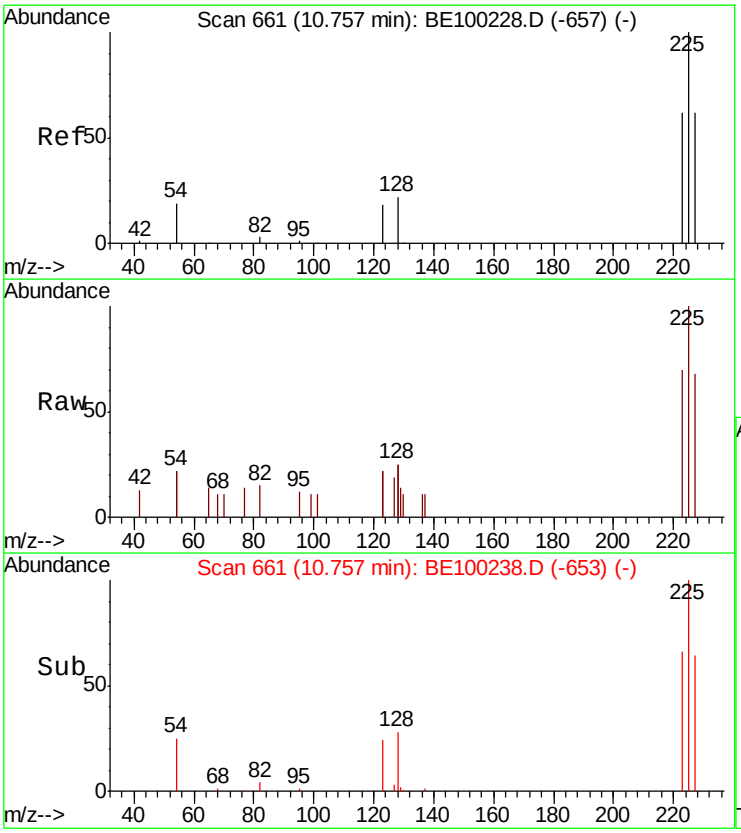
#9
Naphthalene
Concen: 0.421 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 7379

Ion	Ratio	Lower	Upper
128	100		
129	4.2	3.0	4.6
127	4.9	3.5	5.3

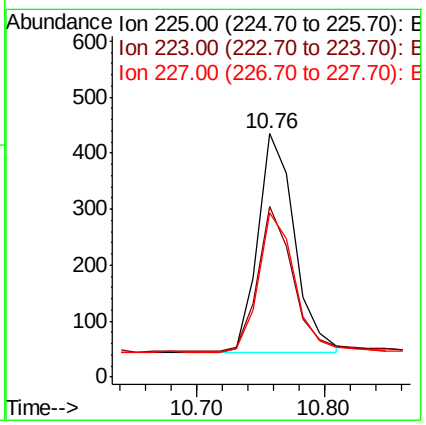


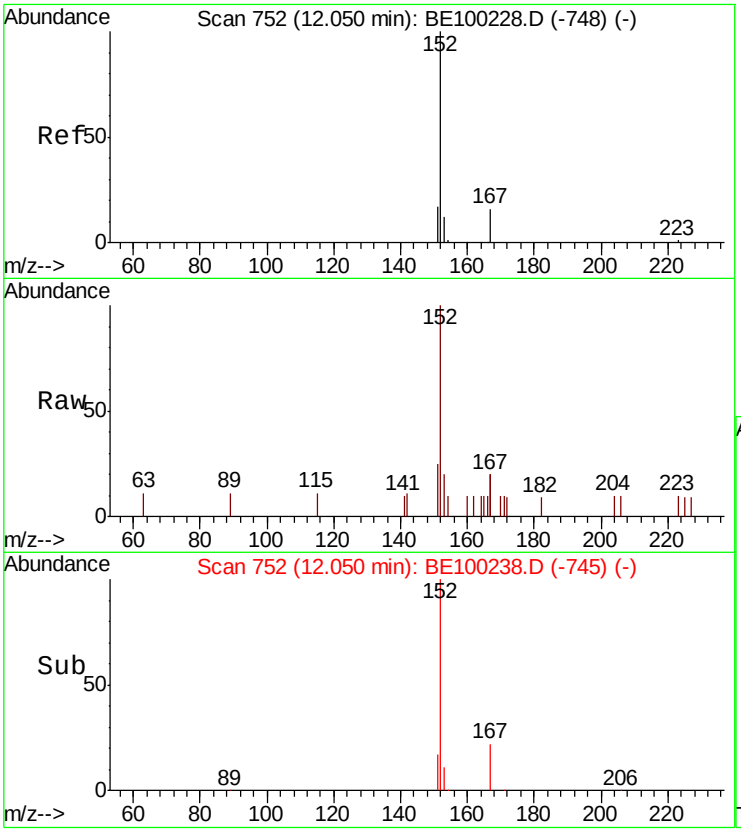


#10
Hexachlorobutadiene
Concen: 0.460 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:225 Resp: 778

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.1	73.7
227	63.1	49.3	73.9



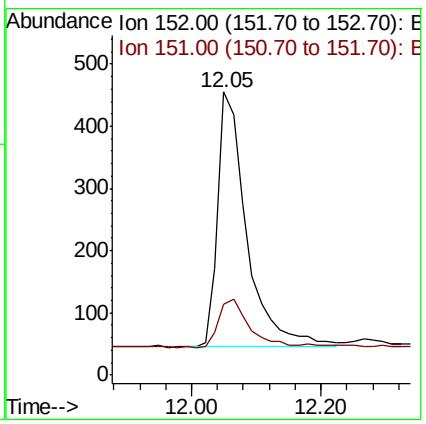


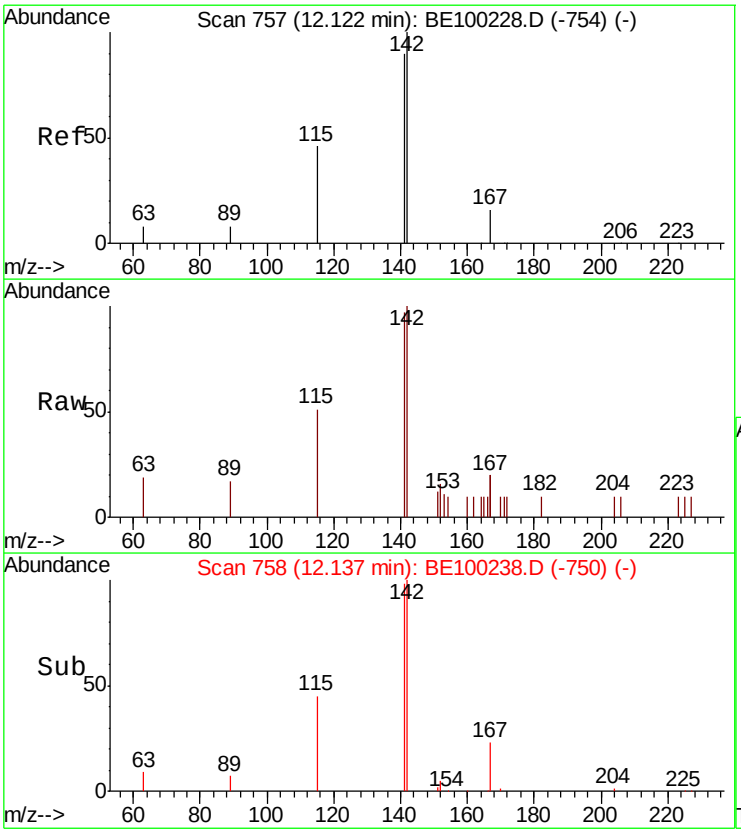
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1278

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7

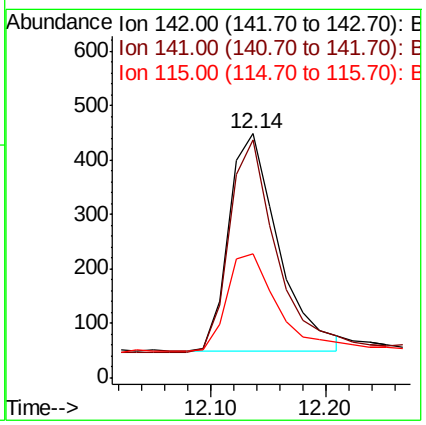


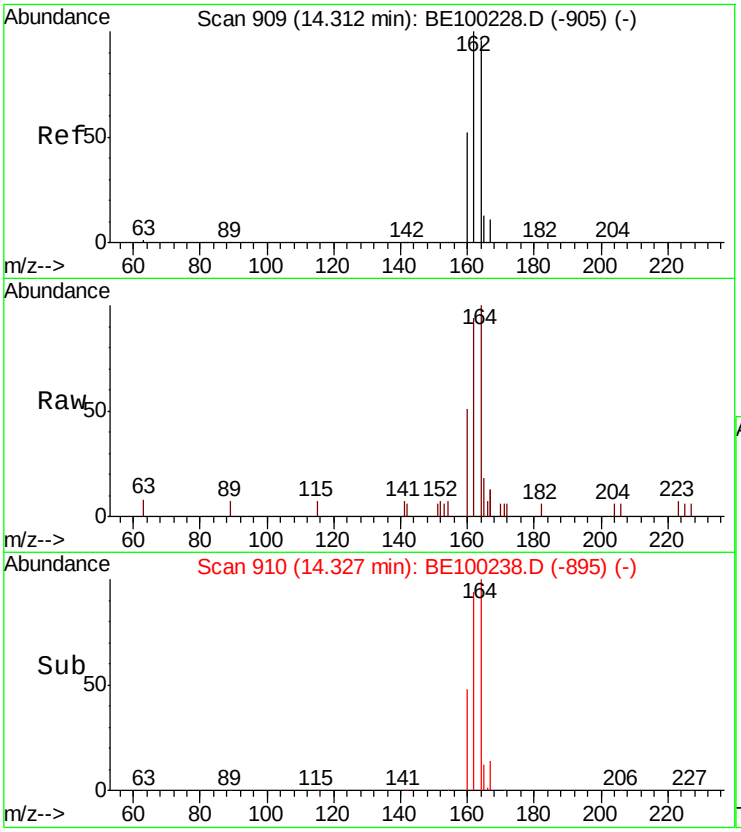


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:142 Resp: 1195

Ion	Ratio	Lower	Upper
142	100		
141	97.3	72.4	108.6
115	50.9	40.4	60.6



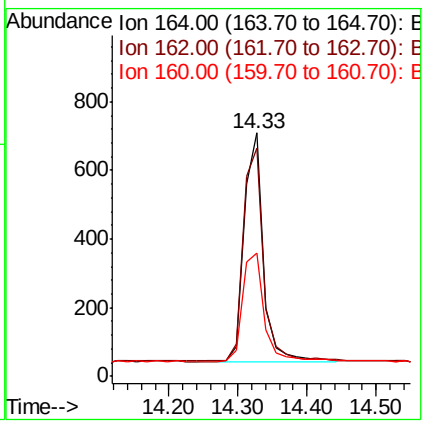


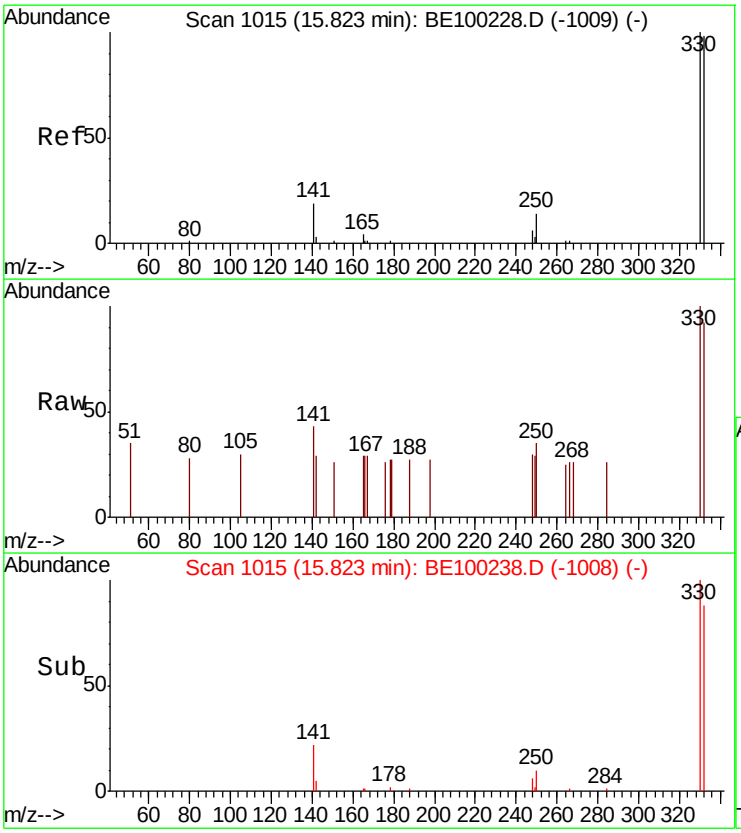
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 1290

Ion	Ratio	Lower	Upper
164	100		
162	93.9	83.4	125.0
160	50.8	45.0	67.6

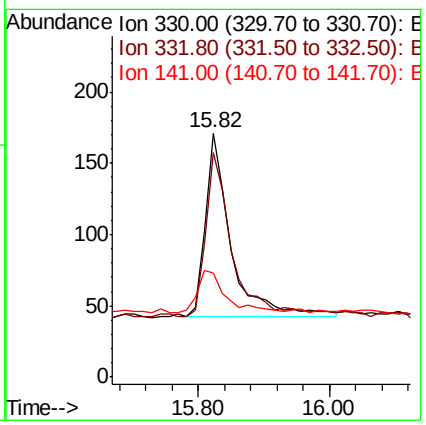


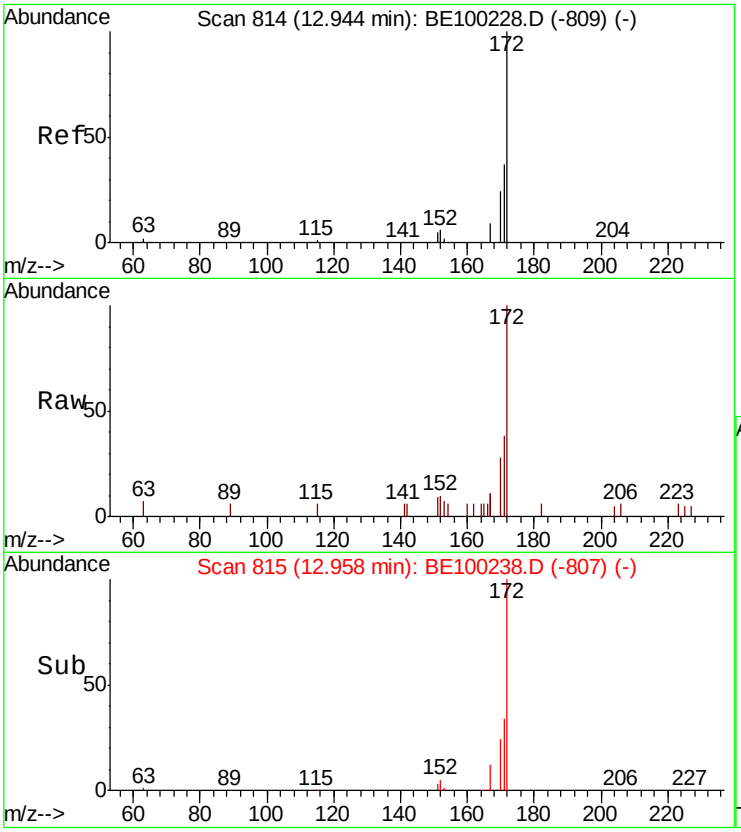


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:330 Resp: 337

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.4
141	27.0	22.0	33.0



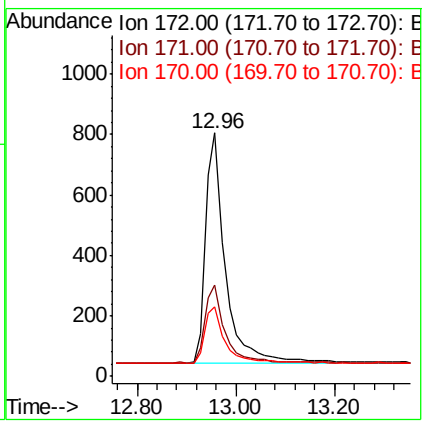


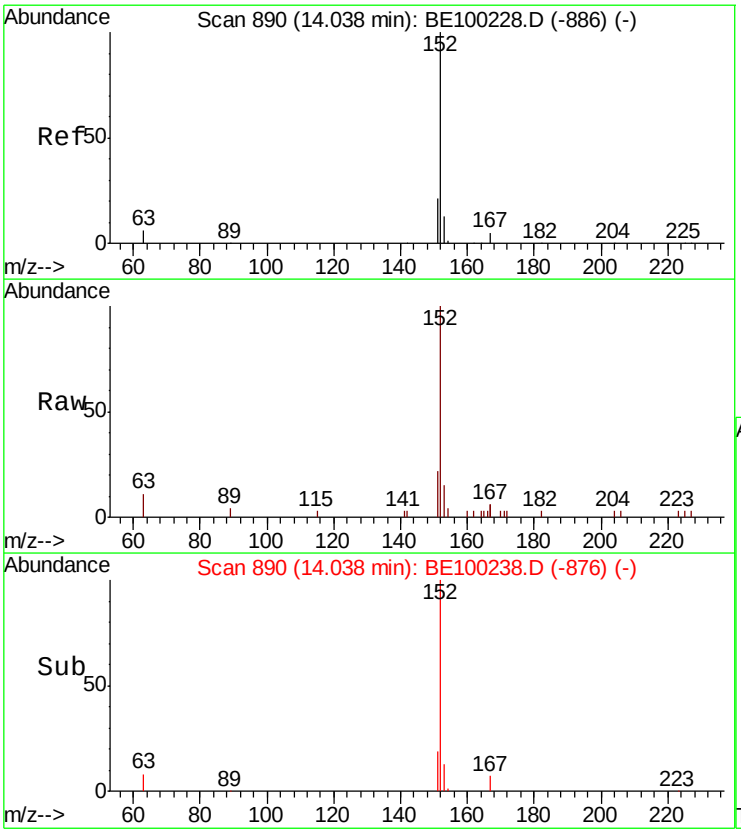
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 2086

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.9	47.9
170	28.4	22.2	33.2

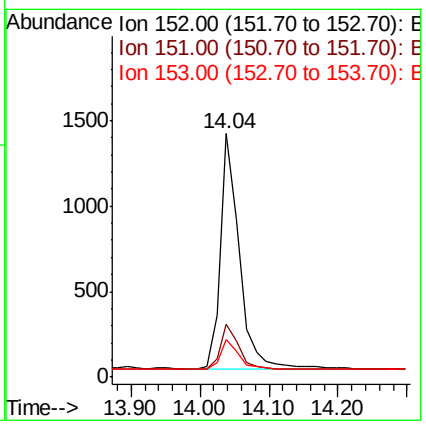


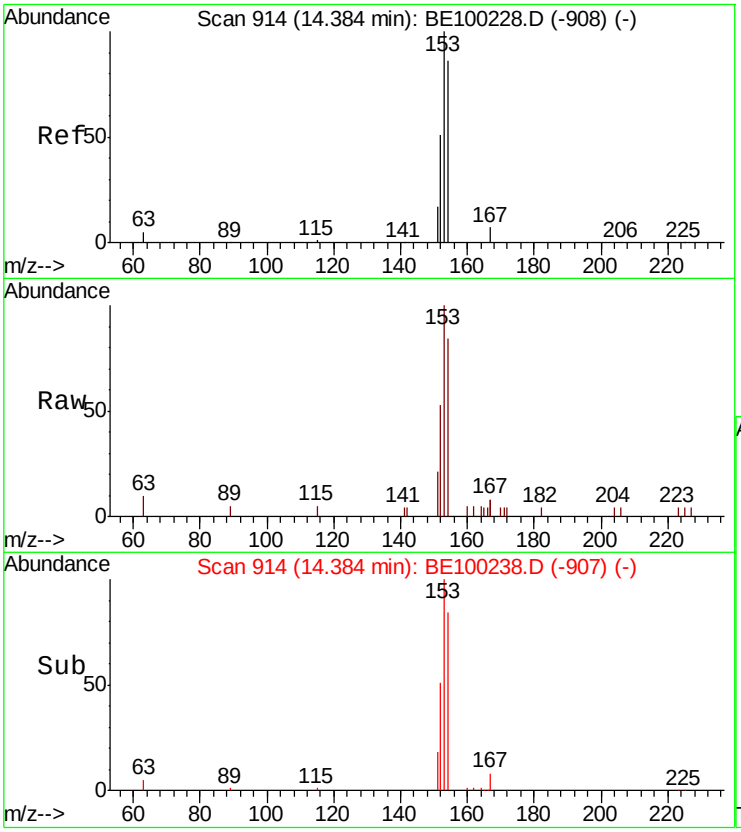


#16
Acenaphthylene
Concen: 0.426 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:152 Resp: 2635

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.6	25.0
153	12.5	10.5	15.7



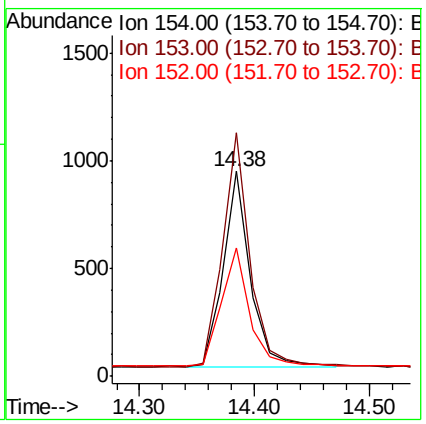


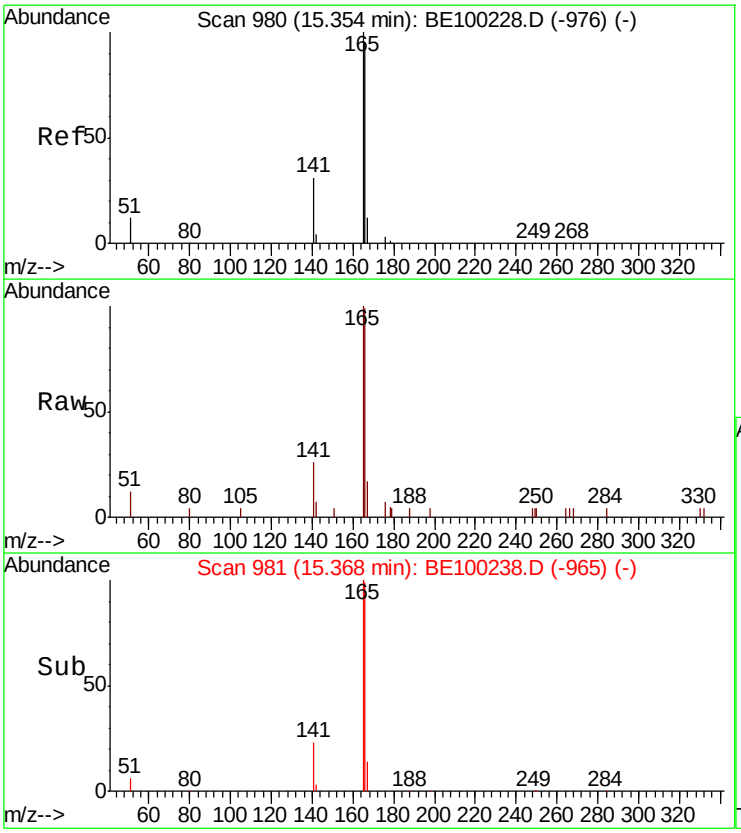
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 1466

Ion	Ratio	Lower	Upper
154	100		
153	121.6	93.4	140.2
152	64.2	49.4	74.2

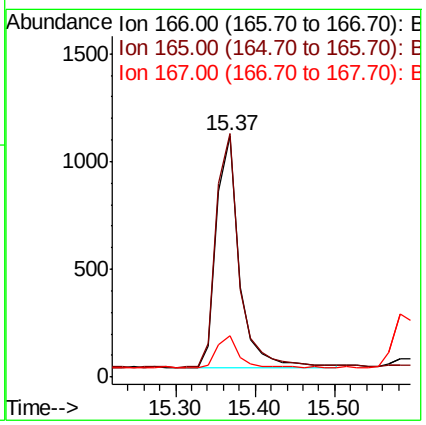


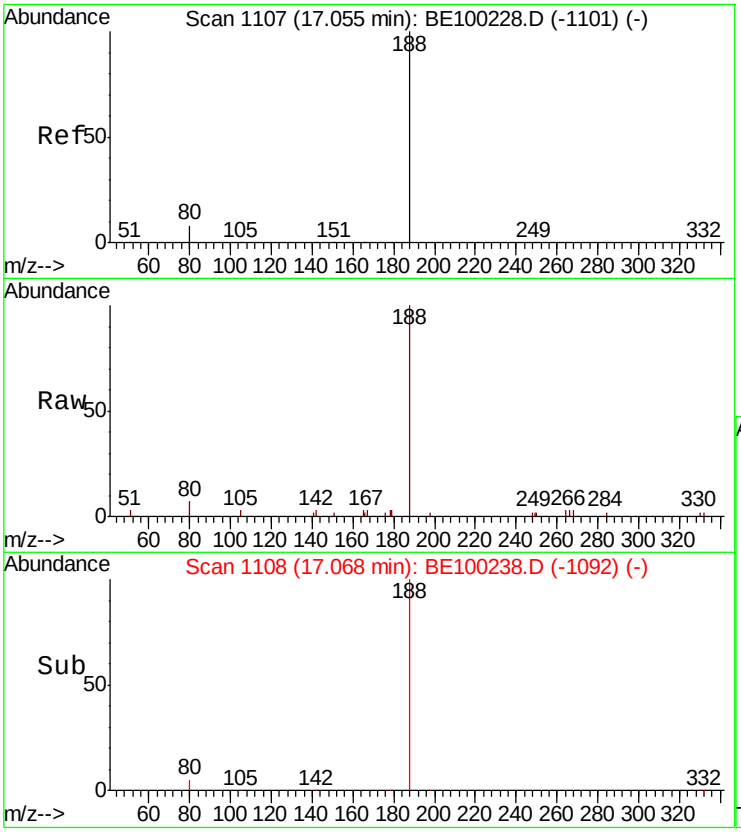


#18
Fluorene
Concen: 0.418 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:166 Resp: 2168

Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.1	121.7
167	13.4	10.7	16.1



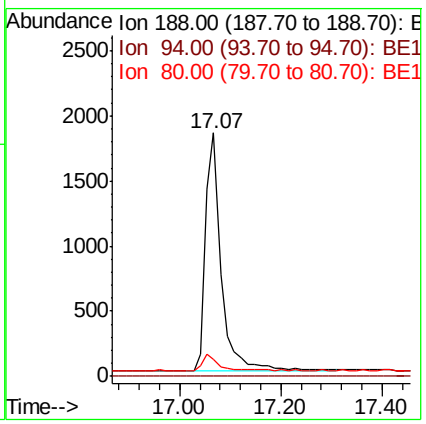


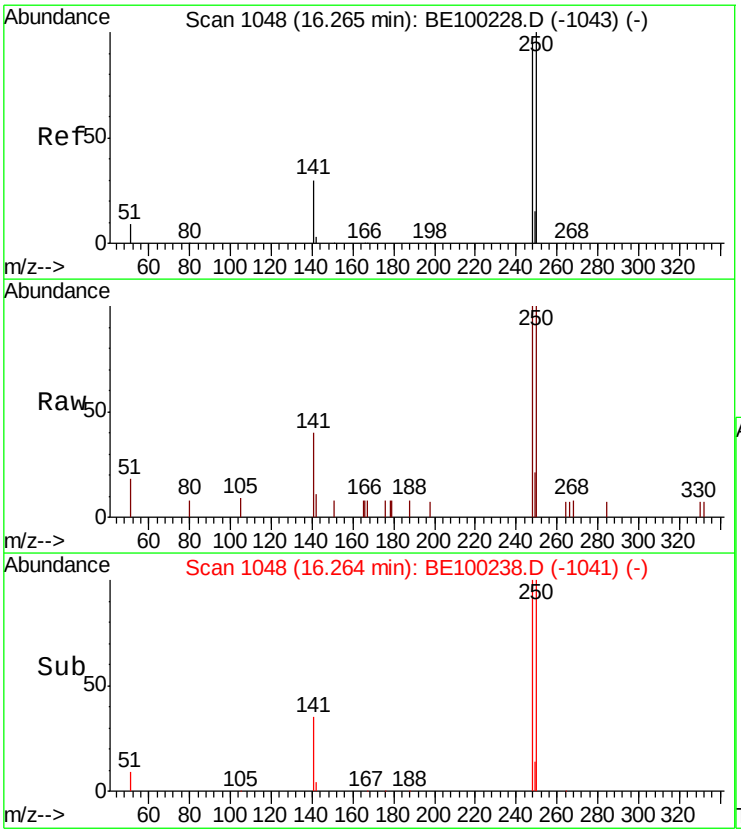
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 3923

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	7.6	11.4#

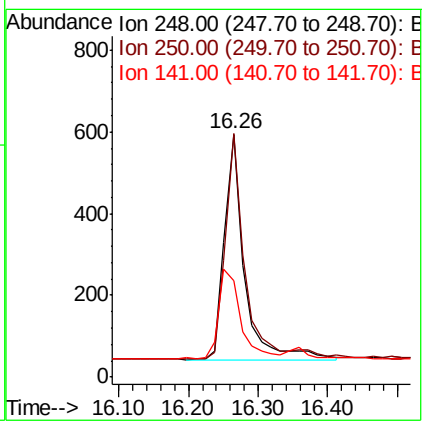


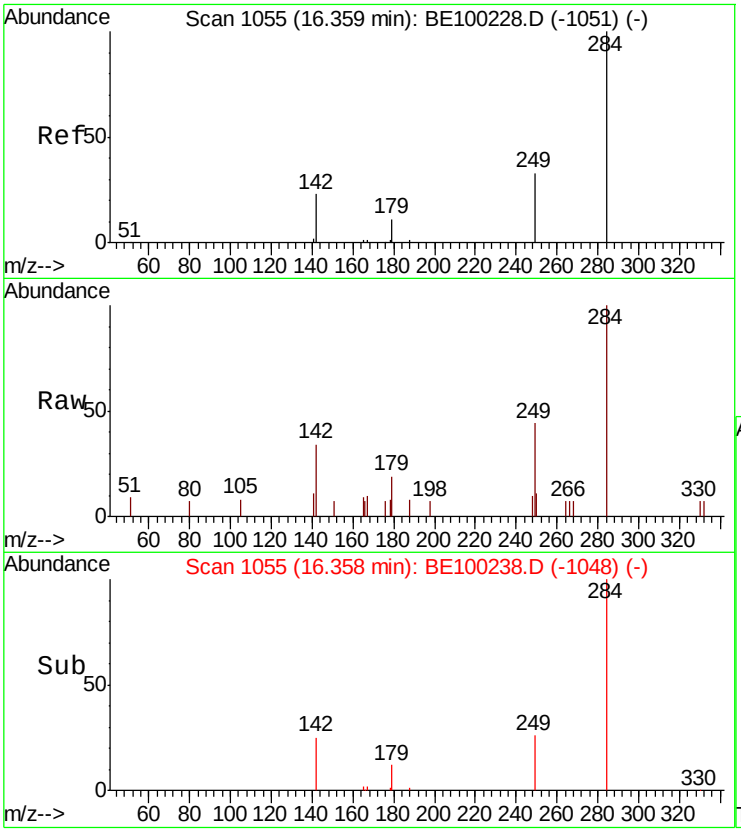


#20
4-Bromophenyl-phenylether
Concen: 0.433 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:248 Resp: 1084

Ion	Ratio	Lower	Upper
248	100		
250	100.3	84.2	126.4
141	39.9	29.3	43.9



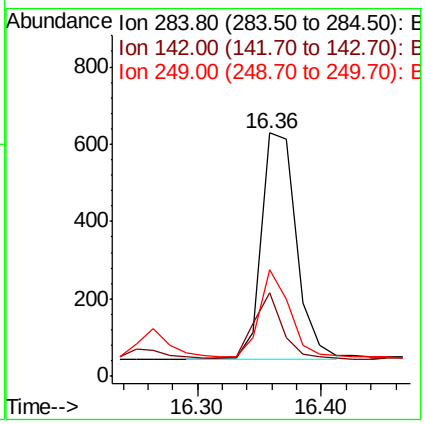


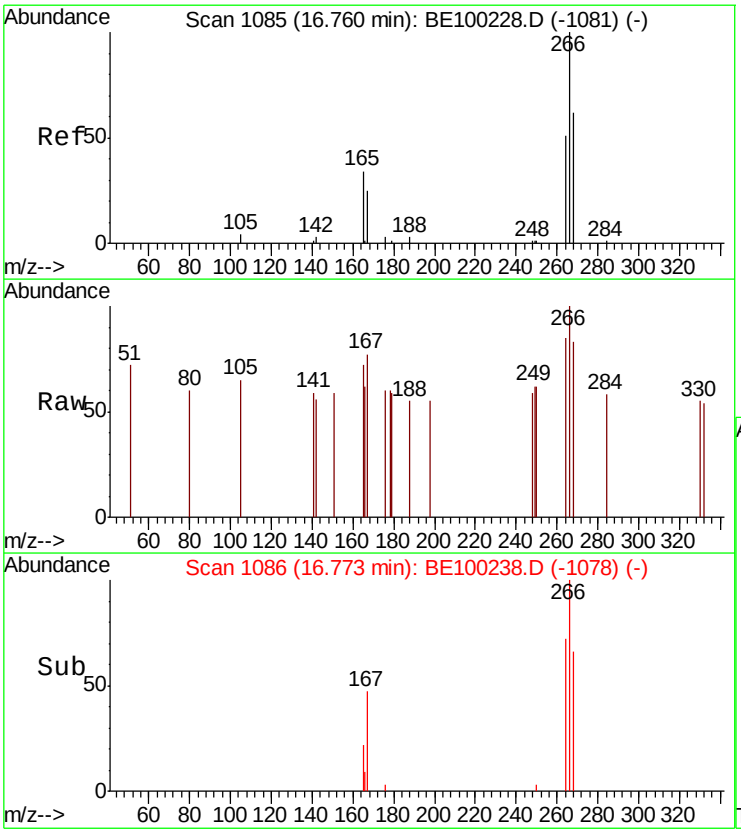
#21
Hexachlorobenzene
Concen: 0.439 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1142

Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.8	28.2
249	32.7	23.7	35.5

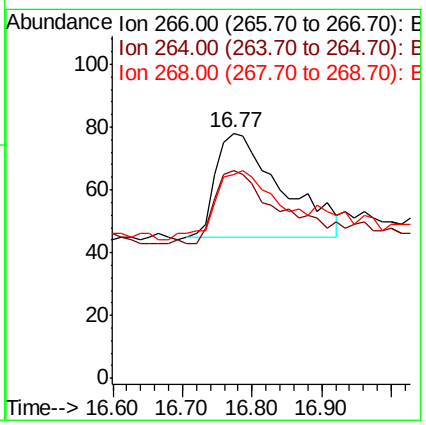


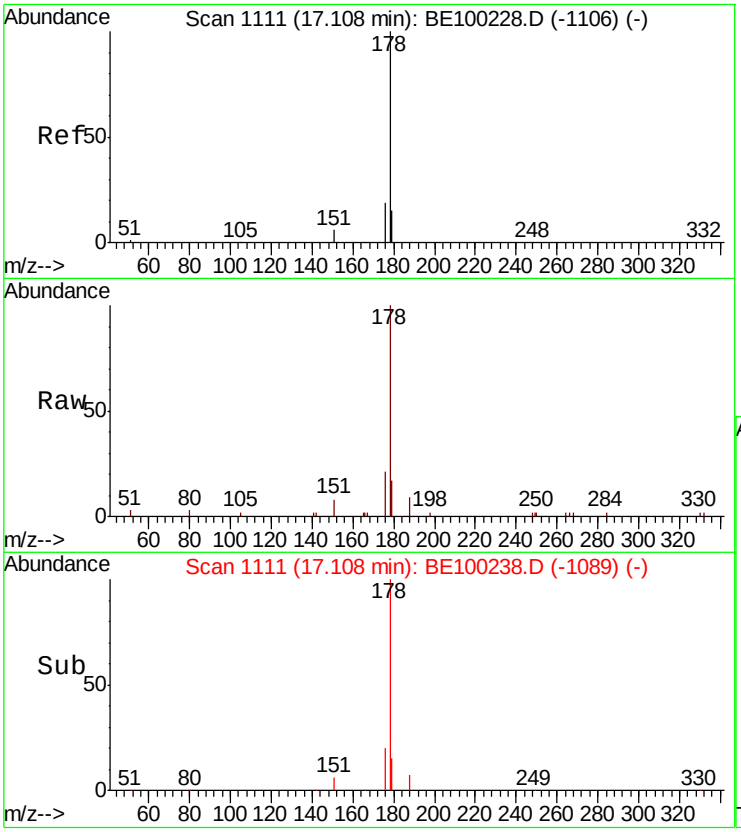


#22
Pentachlorophenol
Concen: 0.274 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:266 Resp: 214

Ion	Ratio	Lower	Upper
266	100		
264	84.6	56.2	84.2#
268	83.3	61.8	92.6



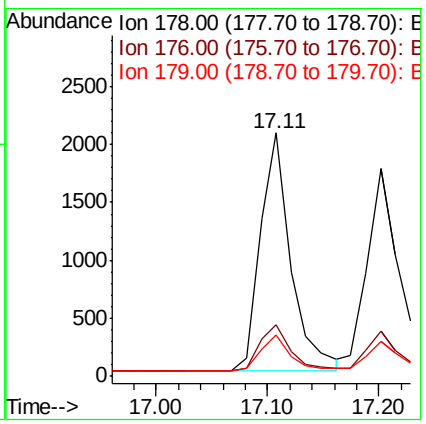


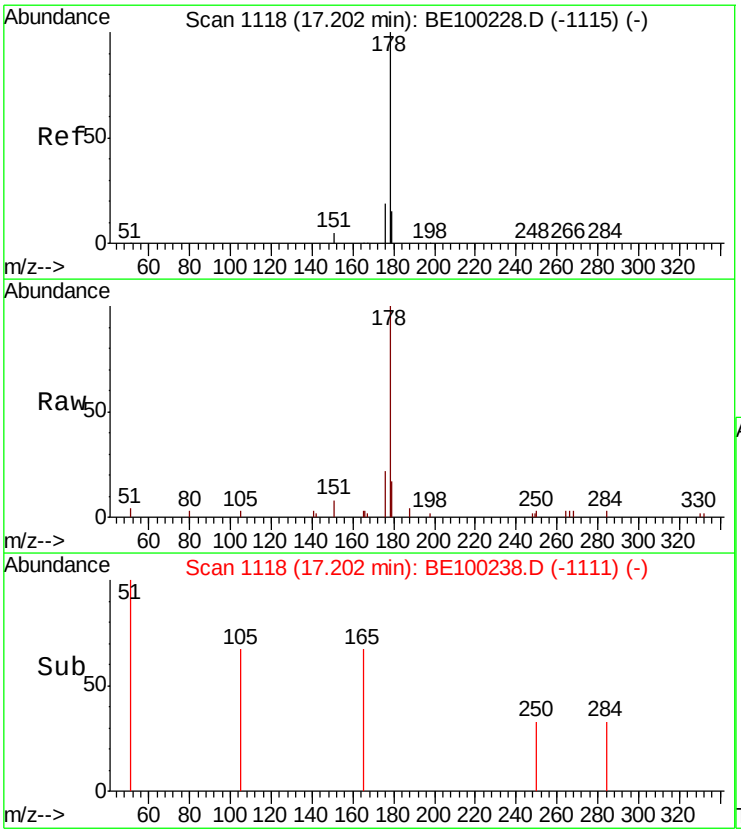
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 3944

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	14.9	12.2	18.2

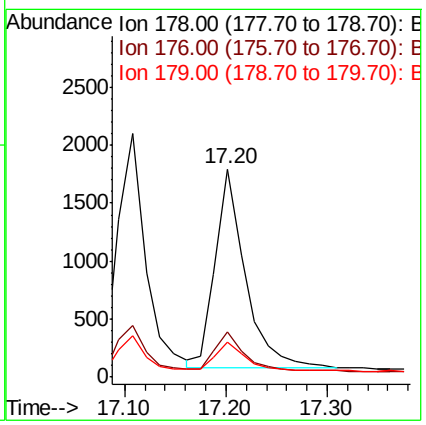


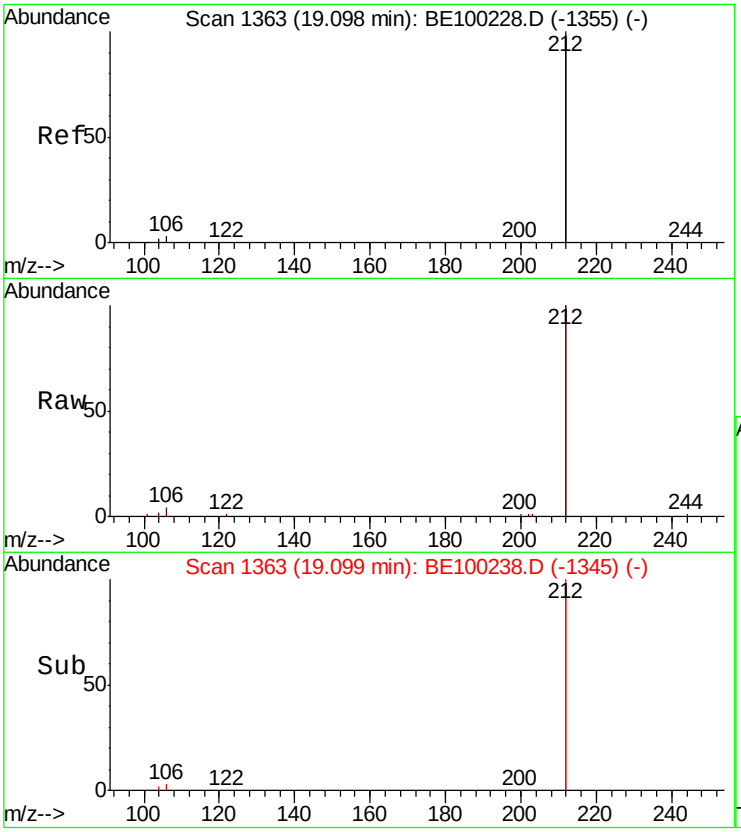


#24
Anthracene
Concen: 0.409 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:178 Resp: 3499

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	14.4	12.2	18.2



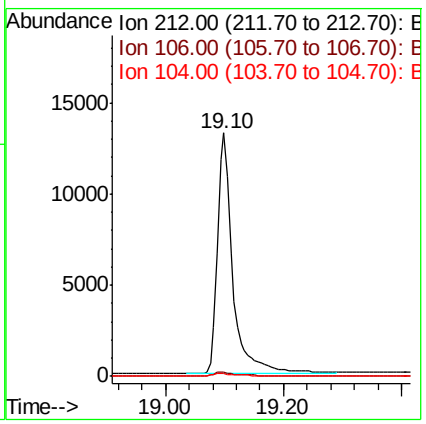


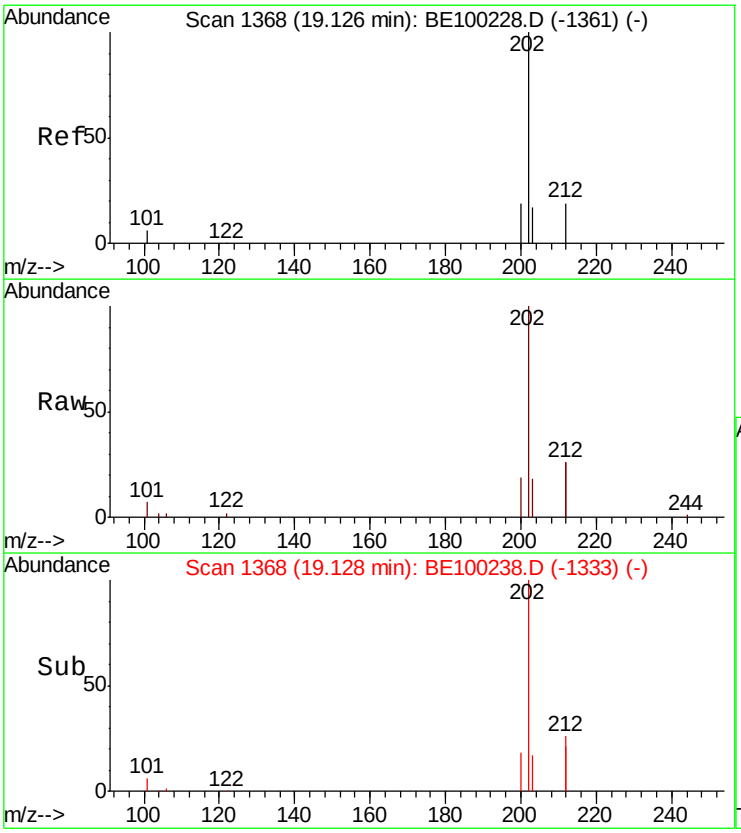
#25
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 23565

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2

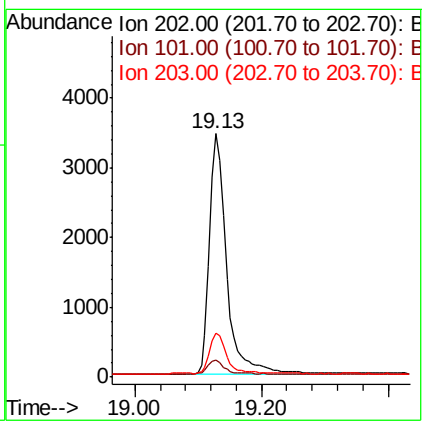


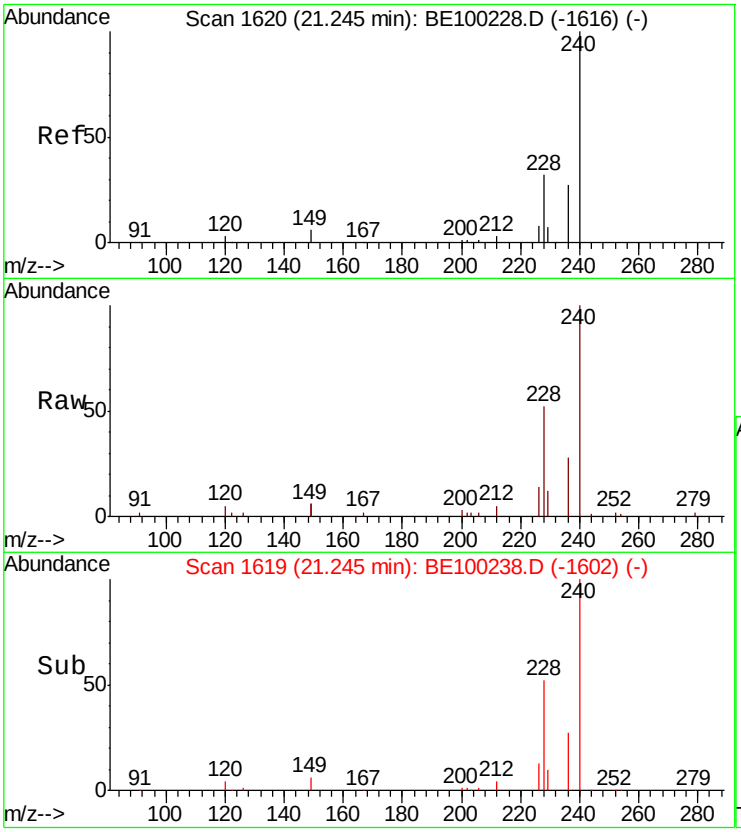


#26
Fluoranthene
Concen: 0.425 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:202 Resp: 6439

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	16.4	13.7	20.5



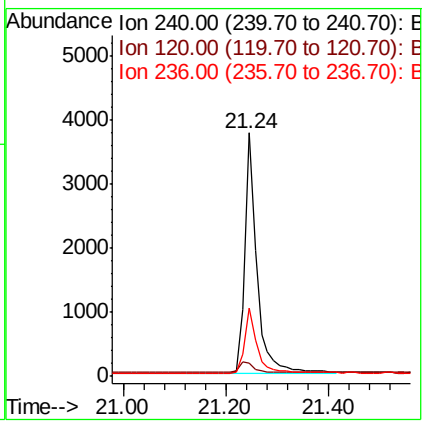


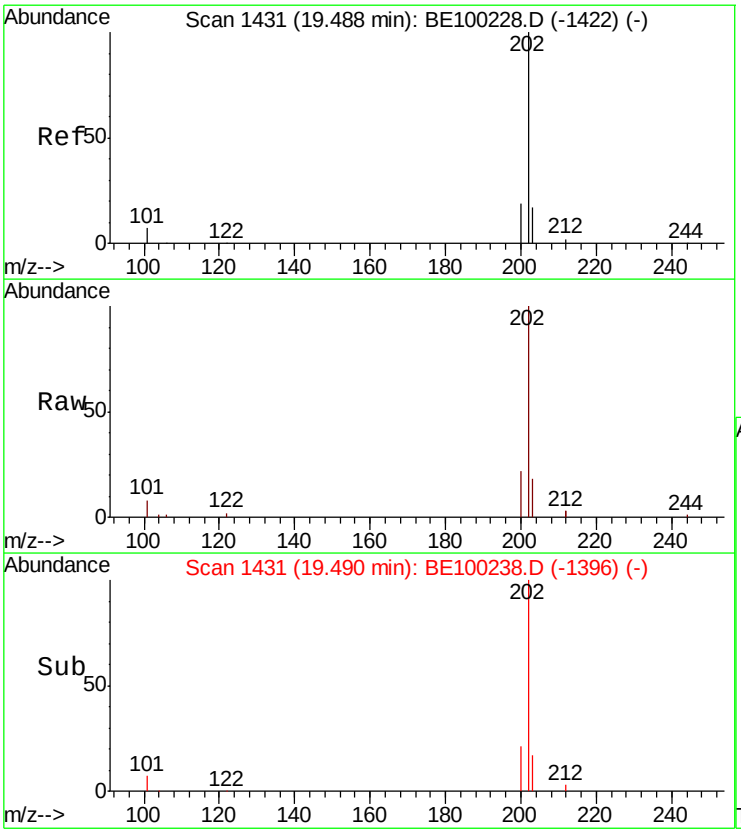
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 6106

Ion	Ratio	Lower	Upper
240	100		
120	5.3	3.3	4.9#
236	28.2	22.6	34.0

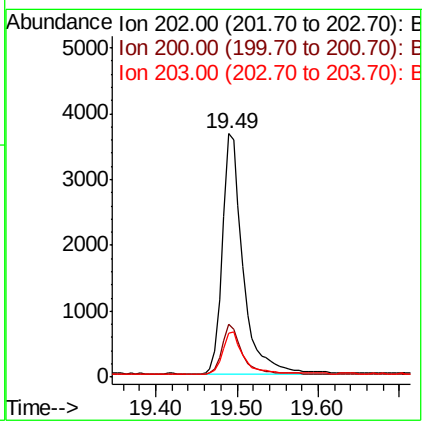


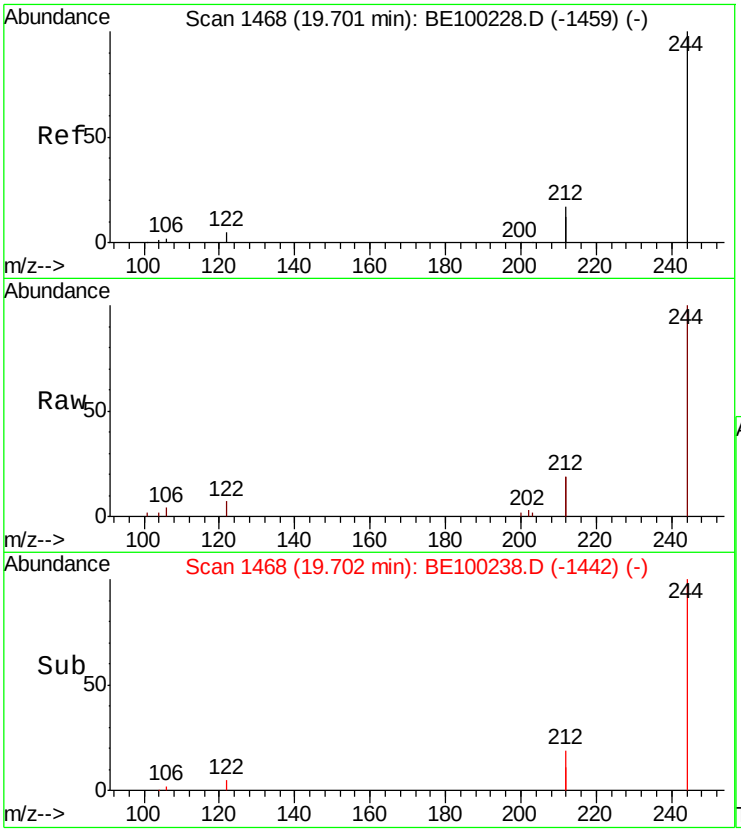


#28
Pyrene
Concen: 0.395 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:202 Resp: 6390

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	17.3	14.0	21.0



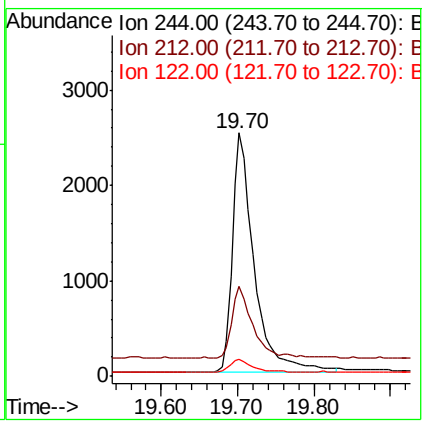


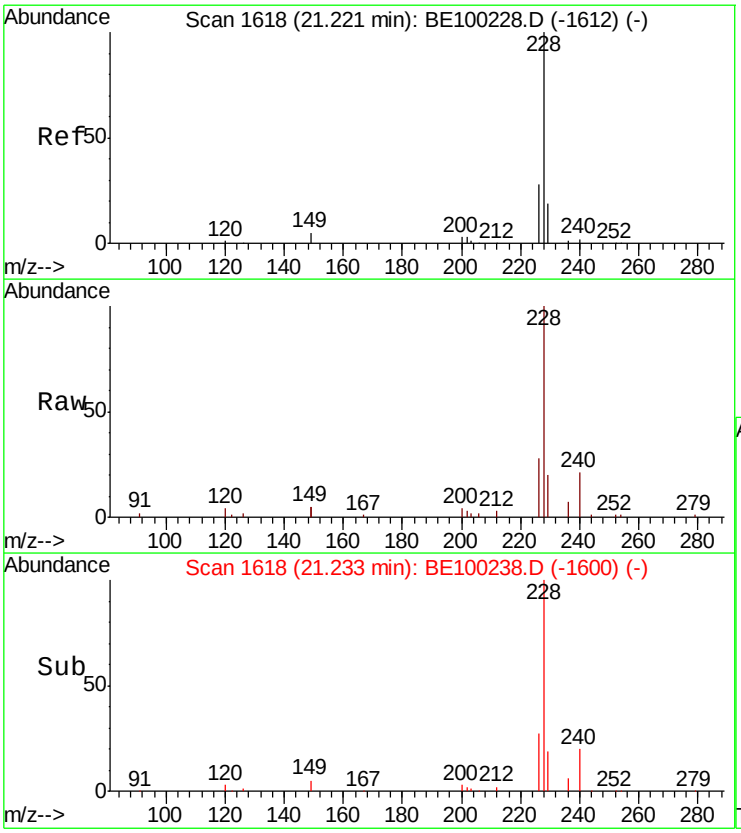
#29
Terphenyl-d14
Concen: 0.393 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 4974

Ion	Ratio	Lower	Upper
244	100		
212	37.0	27.3	40.9
122	6.8	4.7	7.1

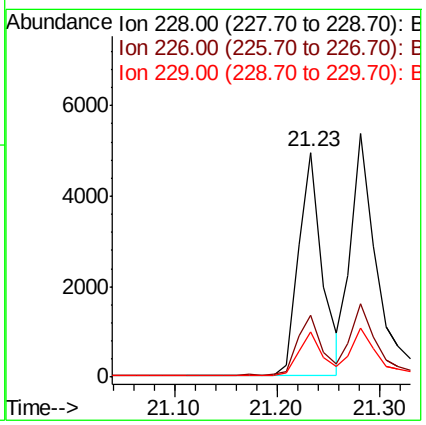


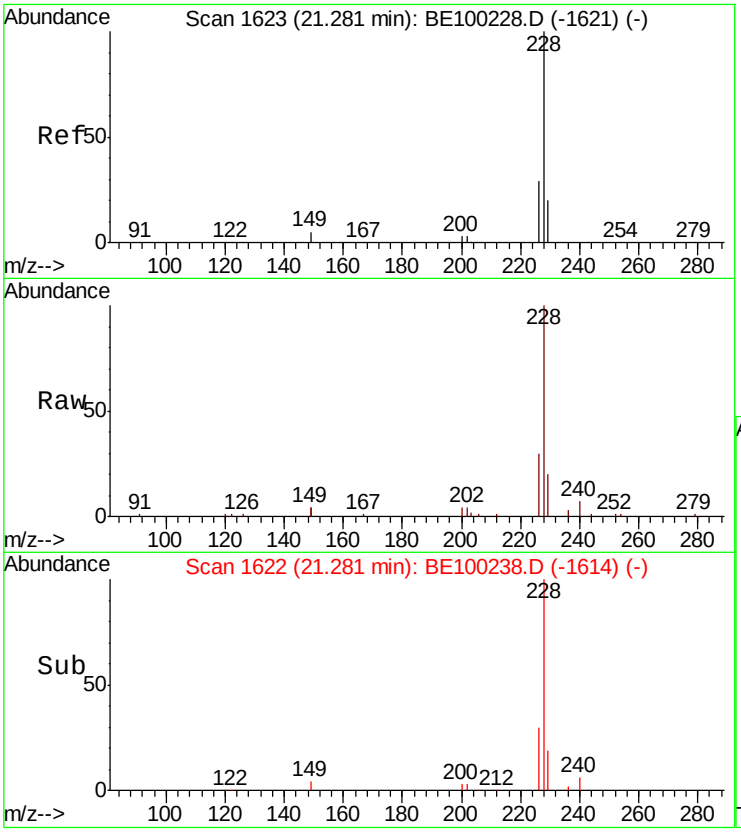


#30
Benzo(a)anthracene
Concen: 0.394 ng
RT: 21.23 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:228 Resp: 7914

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.2	34.8
229	20.3	15.7	23.5



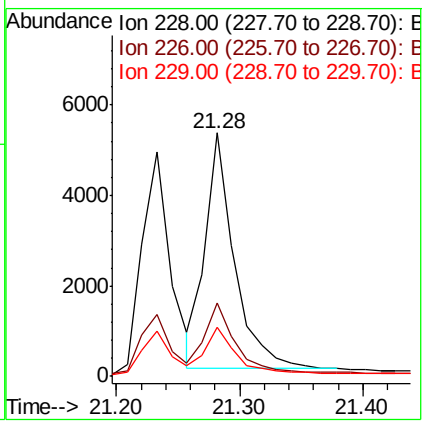


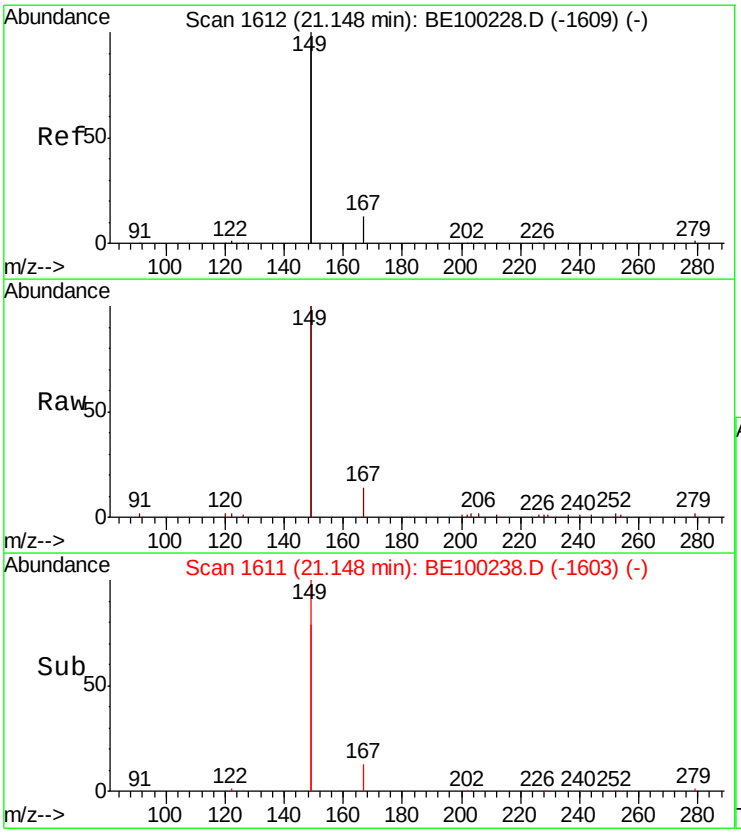
#31
Chrysene
Concen: 0.428 ng
RT: 21.28 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 8630

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.2	16.5	24.7

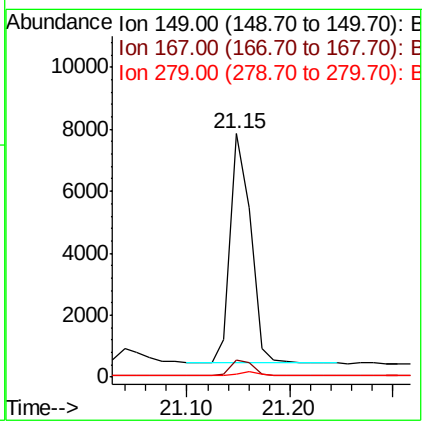


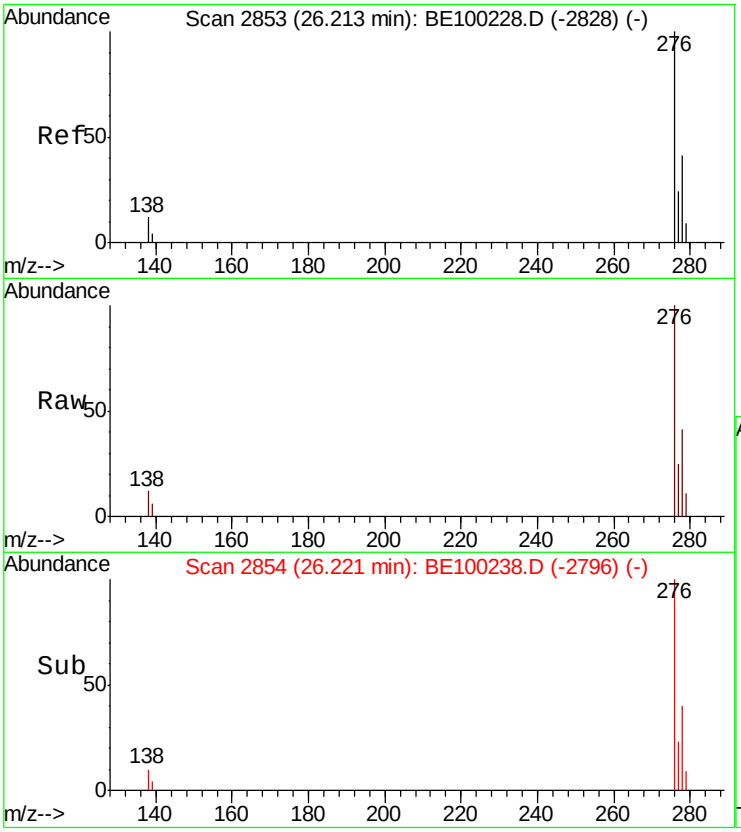


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.297 ng
RT: 21.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:149 Resp: 10070

Ion	Ratio	Lower	Upper
149	100		
167	7.9	5.8	8.8
279	1.5	1.1	1.7



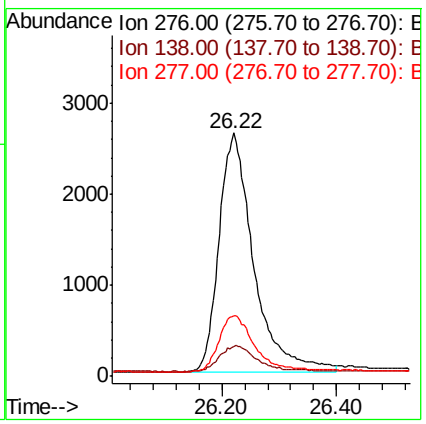


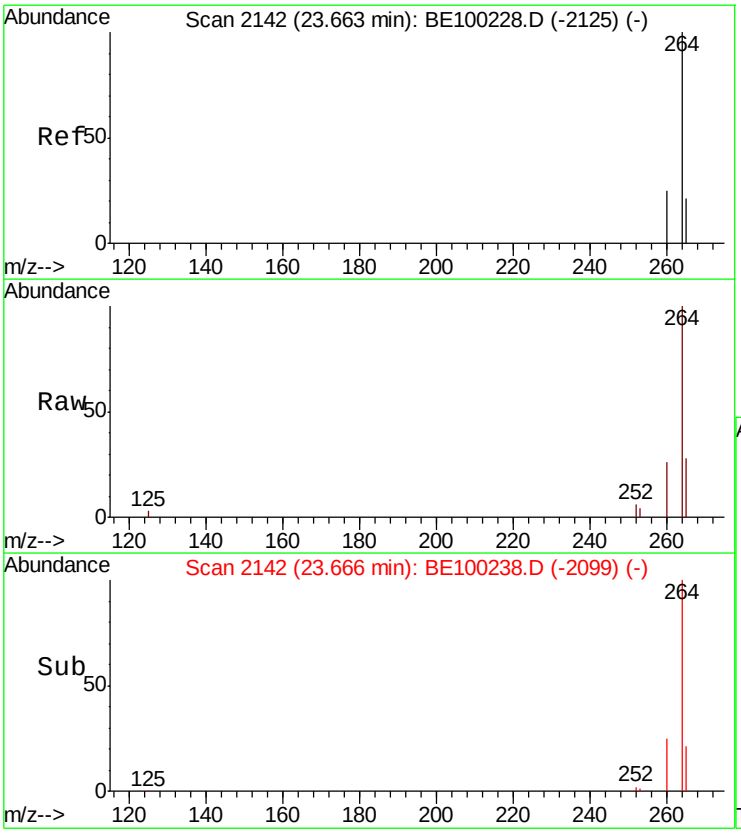
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11008

Ion	Ratio	Lower	Upper
276	100		
138	11.5	9.4	14.0
277	24.1	19.2	28.8

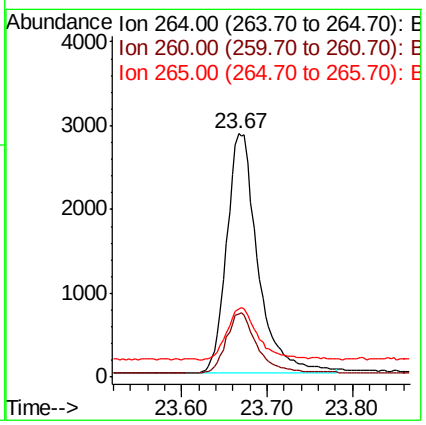


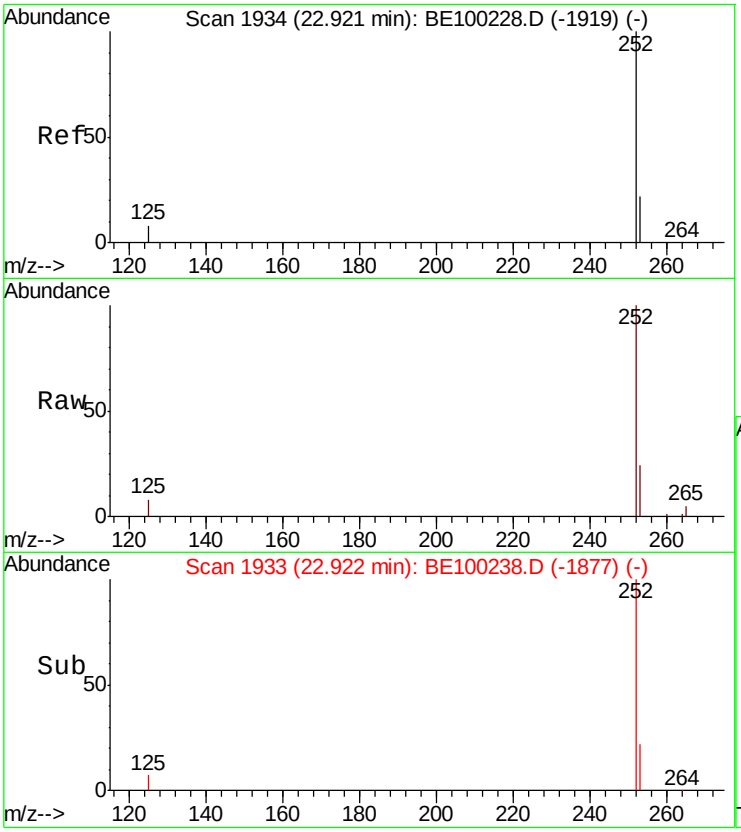


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:264 Resp: 7249

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.8	31.2
265	28.0	21.8	32.6



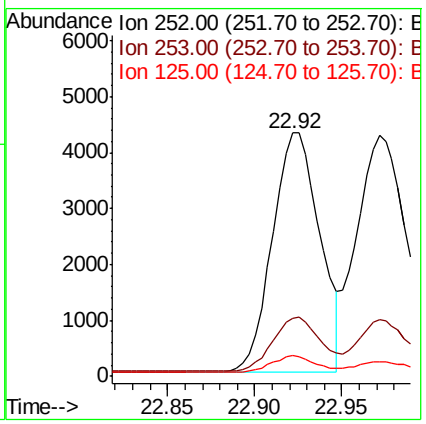


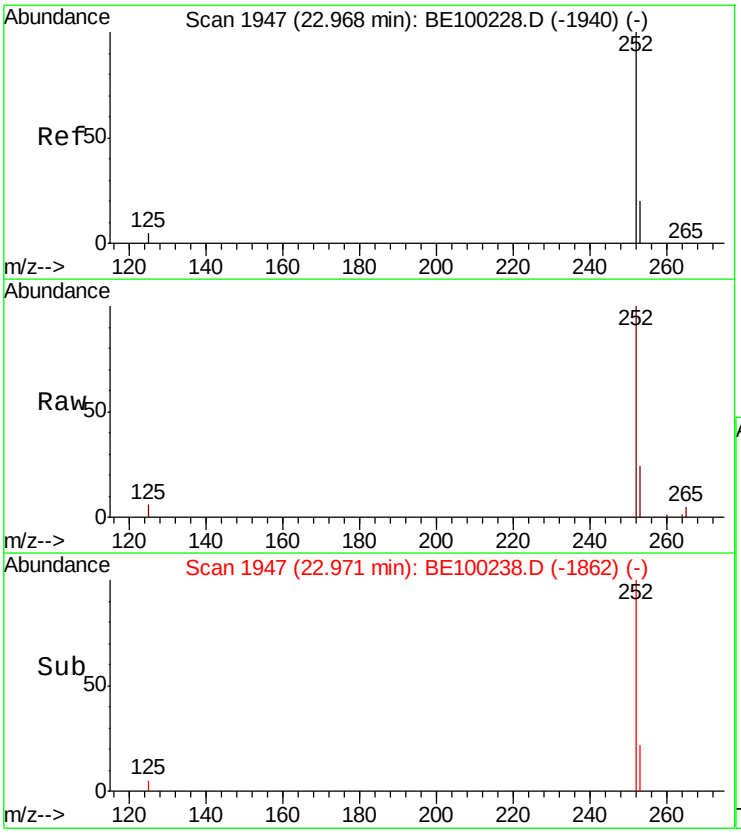
#35
Benzo(b)fluoranthene
Concen: 0.414 ng
RT: 22.92 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8130

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	8.5	7.4	11.0

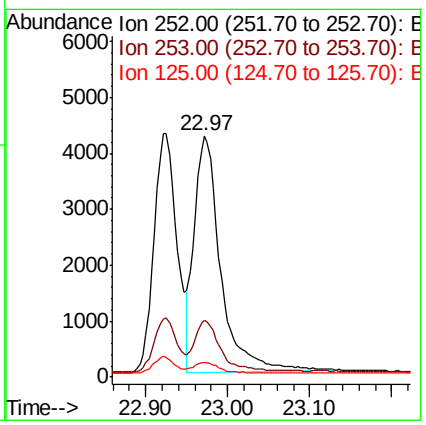


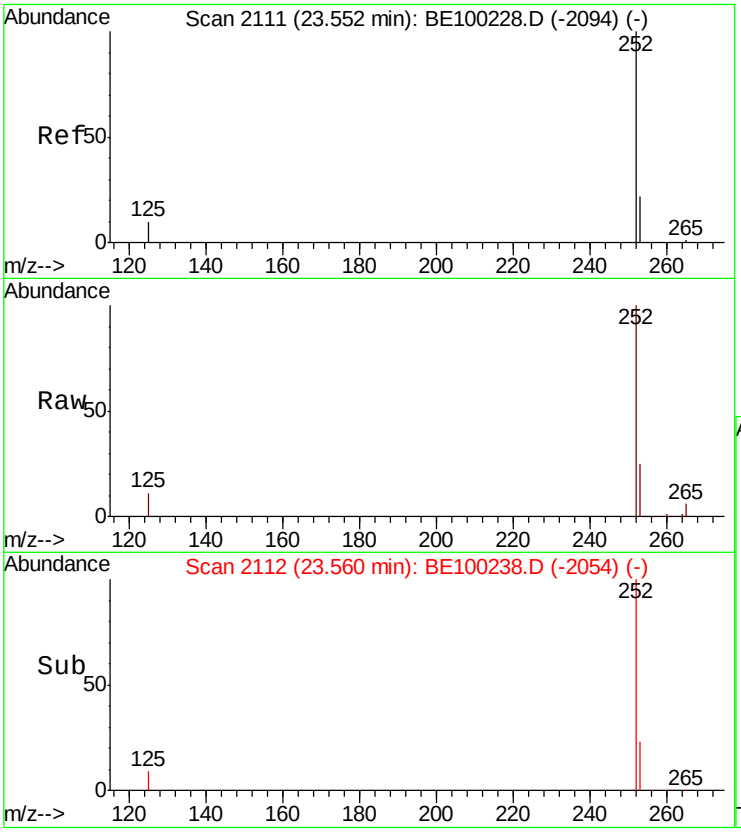


#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:252 Resp: 9362

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	6.1	5.0	7.4



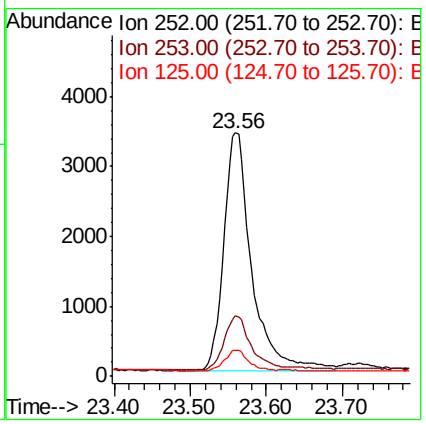


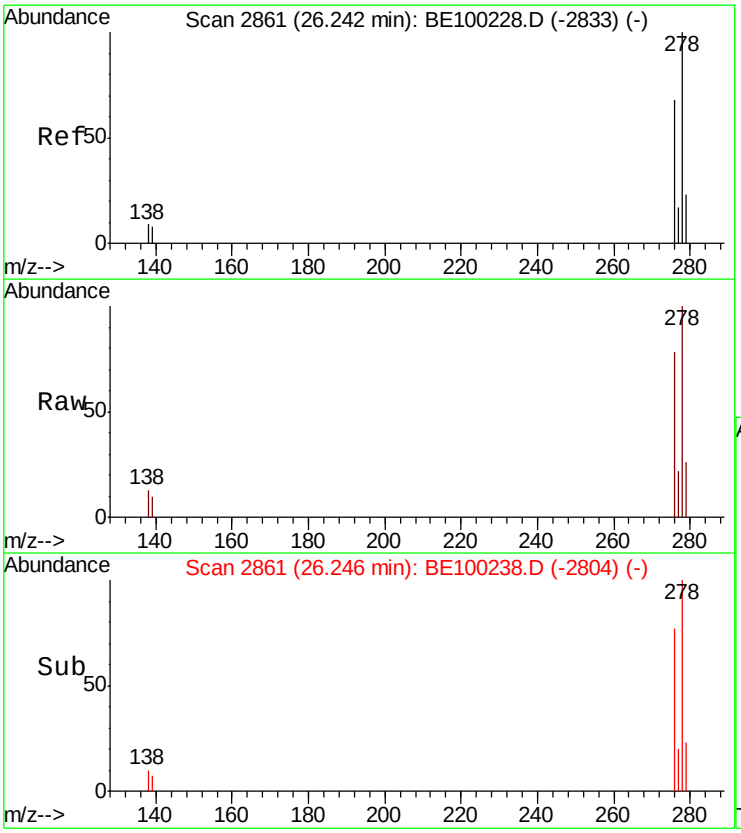
#37
Benzo(a)pyrene
Concen: 0.439 ng
RT: 23.56 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8654

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.6	29.4
125	10.7	9.0	13.6

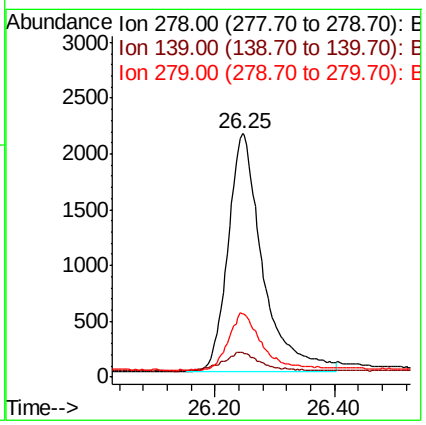


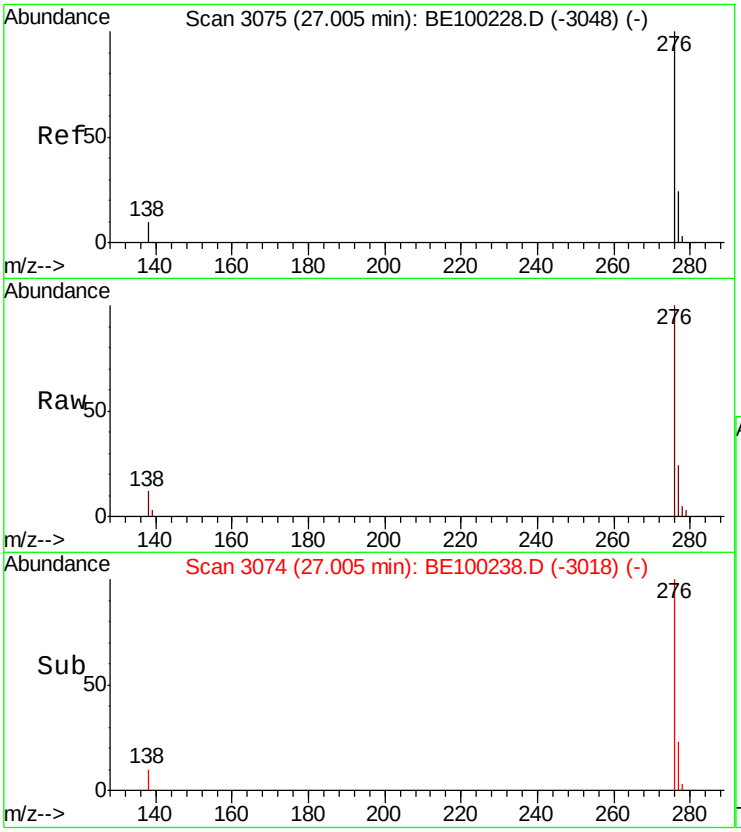


#38
Dibenzo(a,h)anthracene
Concen: 0.418 ng
RT: 26.25 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Tgt Ion:278 Resp: 8595

Ion	Ratio	Lower	Upper
278	100		
139	10.1	8.2	12.2
279	25.8	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.432 ng
RT: 27.01 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BE100238.D
Acq: 28 Jun 2019 17:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9134

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.2
138	12.1	9.0	13.6