Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100228.D
Acq On : 28 Jun 2019 10:25
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 12:20:01 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 12:13:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	583	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2131	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	1623	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5096	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7635	0.40	ng	0.00
34) Perylene-d12	23.66	264	9763	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	598	0.46	ng	0.00
5) Phenol-d6	6.84	99	780	0.44	ng	0.00
8) Nitrobenzene-d5	8.82	82	833	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	1631	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	447	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	2605	0.40	ng	0.00
25) Fluoranthene-d10	19.10	212	30005	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	6390	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	374	0.410	ng	100
3) n-Nitrosodimethylamine	3.46	42	139	0.412	ng	86
6) bis(2-Chloroethyl)ether	7.09	93	712	0.436	ng	100
9) Naphthalene	10.48	128	9566	0.411	ng	100
10) Hexachlorobutadiene	10.76	225	935	0.389	ng	99
12) 2-Methylnaphthalene	12.12	142	1575	0.421	ng	100
16) Acenaphthylene	14.04	152	3230	0.408	ng	100
17) Acenaphthene	14.38	154	1867	0.421	ng	99
18) Fluorene	15.35	166	2703	0.421	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	1358	0.429	ng	100
21) Hexachlorobenzene	16.36	284	1414	0.408	ng	100
22) Pentachlorophenol	16.76	266	364	0.446	ng	100
23) Phenanthrene	17.11	178	4970	0.412	ng	100
24) Anthracene	17.20	178	4395	0.431	ng	99
26) Fluoranthene	19.13	202	8092	0.412	ng	100
28) Pyrene	19.49	202	8250	0.422	ng	100
30) Benzo(a)anthracene	21.22	228	10252	0.455	ng	100
31) Chrysene	21.28	228	10358	0.392	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	16743	0.647	ng	100
33) Indeno(1,2,3-cd)pyrene	26.21	276	14429	0.384	ng	100
35) Benzo(b)fluoranthene	22.92	252	10726	0.408	ng	100
36) Benzo(k)fluoranthene	22.97	252	12282	0.391	ng	100
37) Benzo(a)pyrene	23.55	252	11047	0.406	ng	100
38) Dibenzo(a,h)anthracene	26.24	278	11172	0.384	ng	100
39) Benzo(g,h,i)perylene	27.01	276	11840	0.390	ng	100

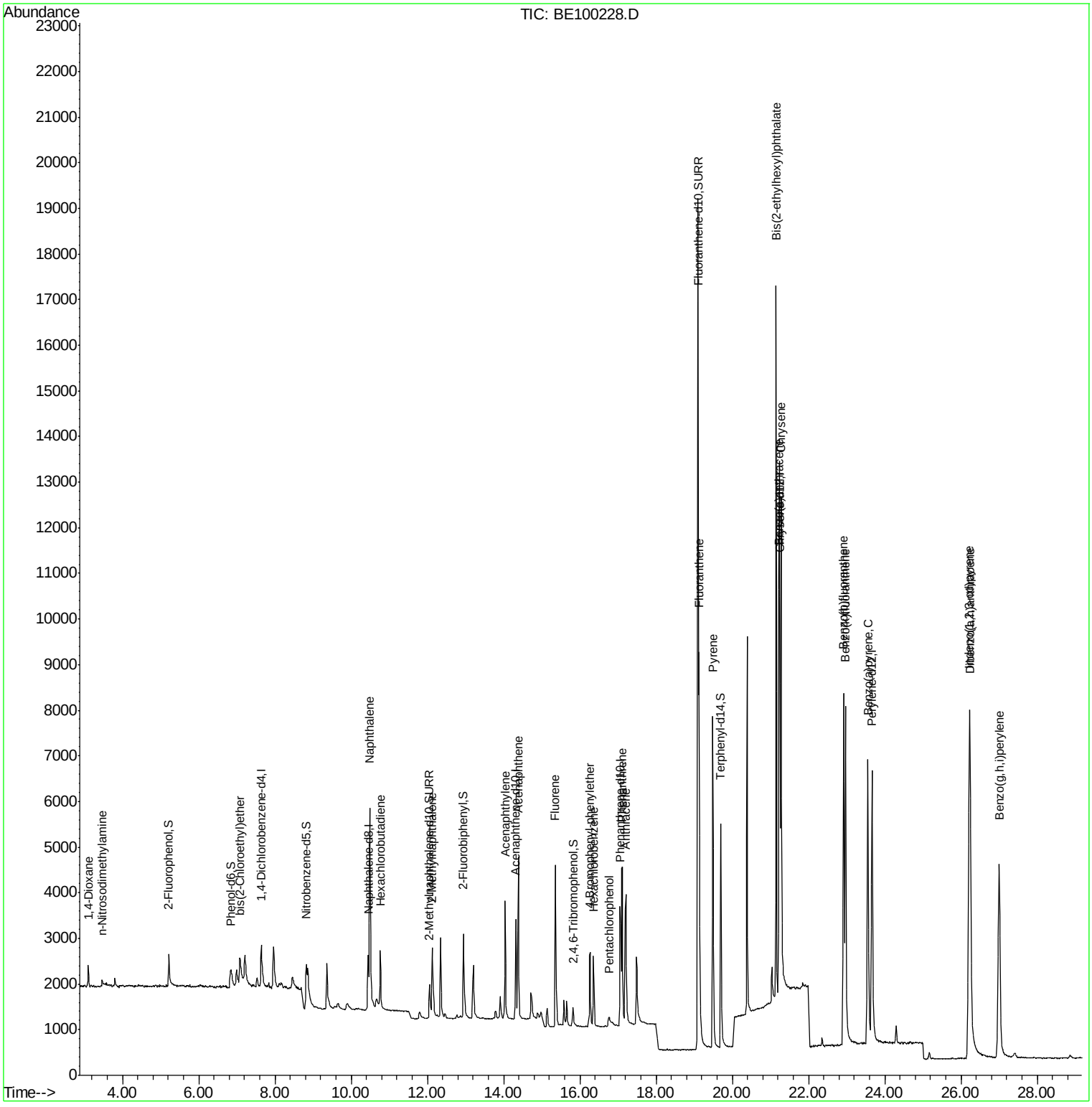
(#) = qualifier out of range (m) = manual integration (+) = signals summed

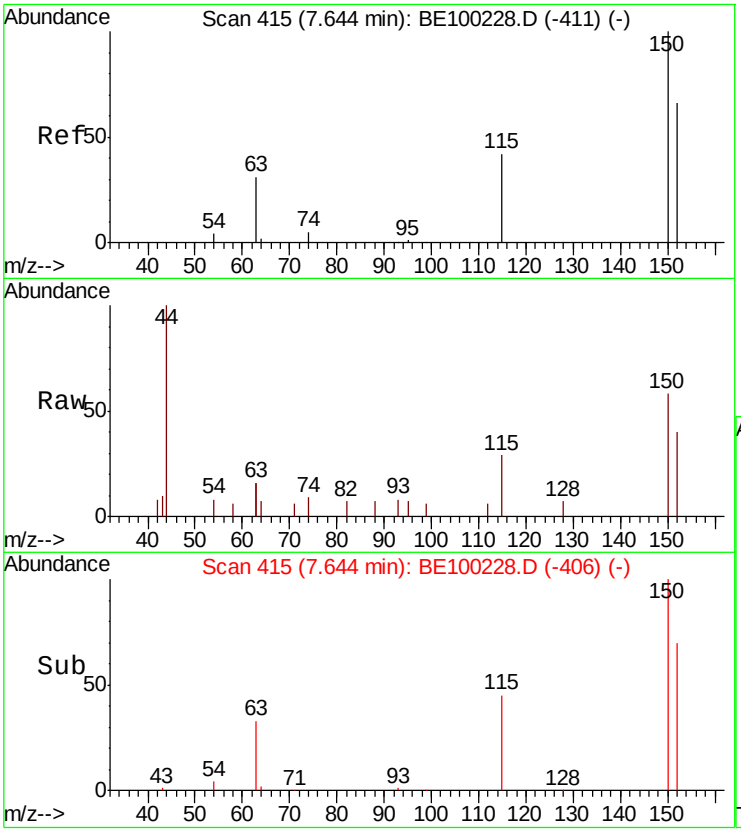
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100228.D
Acq On : 28 Jun 2019 10:25
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 12:20:01 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 12:13:05 2019
Response via : Initial Calibration



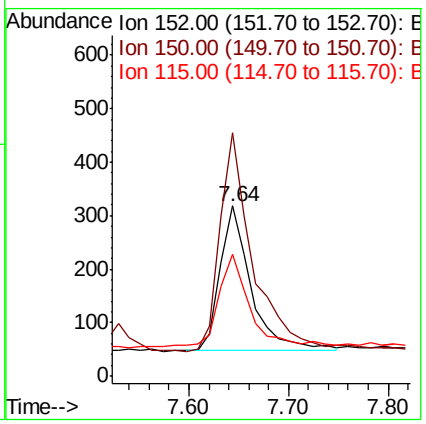


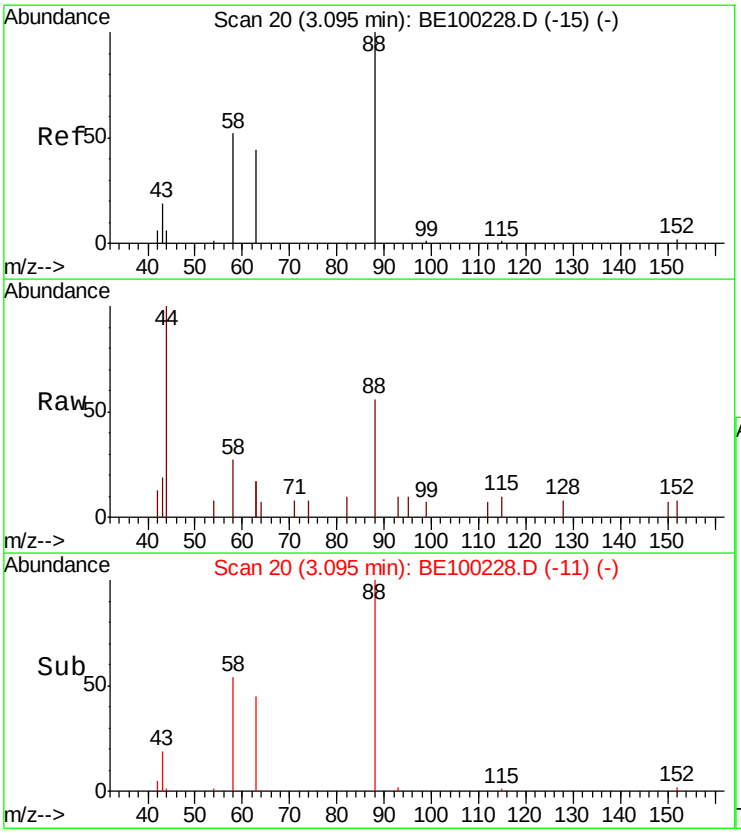
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 583

Ion	Ratio	Lower	Upper
152	100		
150	143.1	114.5	171.7
115	71.4	57.1	85.7

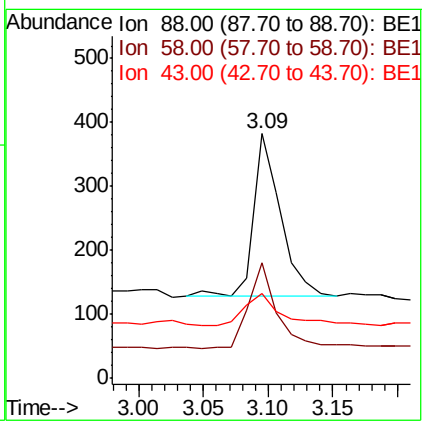


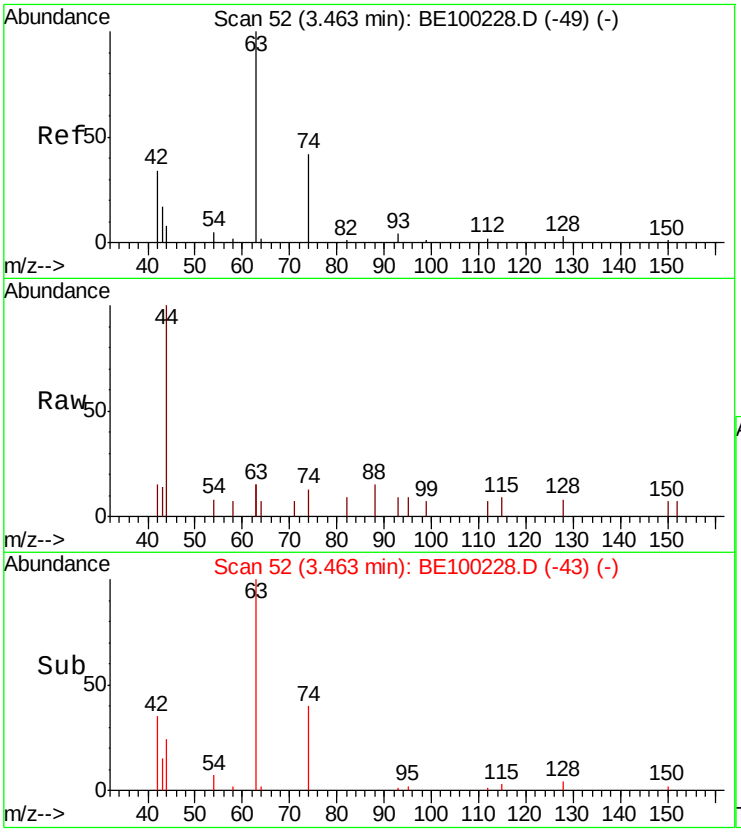


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion: 88 Resp: 374

Ion	Ratio	Lower	Upper
88	100		
58	54.5	43.6	65.4
43	26.7	21.4	32.0



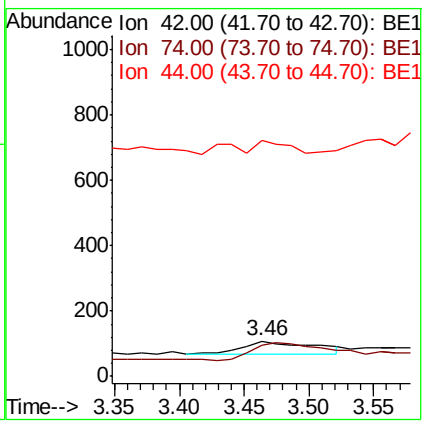


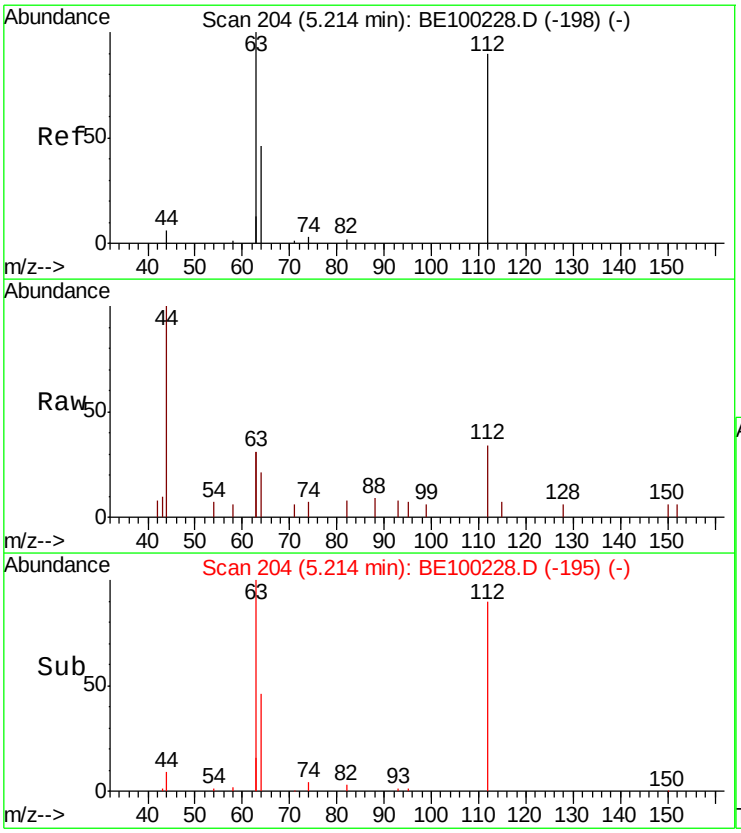
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.46 min Scan# 52
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 139

Ion	Ratio	Lower	Upper
42	100		
74	139.6	130.6	196.0
44	47.5	38.0	57.0

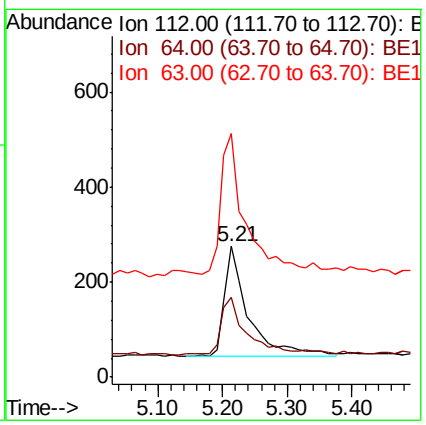


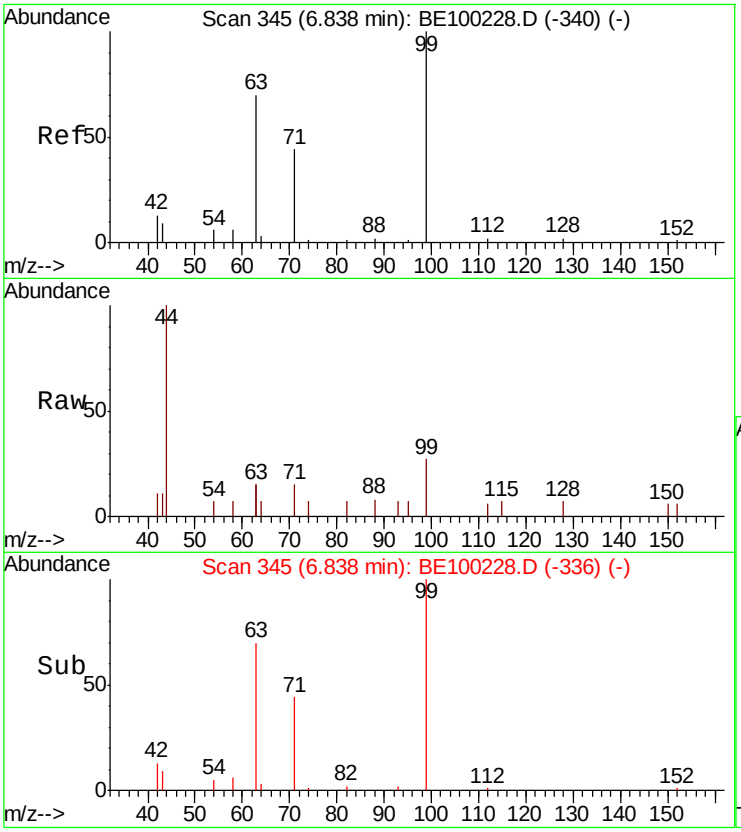


#4
2-Fluorophenol
Concen: 0.461 ng
RT: 5.21 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:112 Resp: 598

Ion	Ratio	Lower	Upper
112	100		
64	54.7	39.4	59.0
63	130.6	104.5	156.7



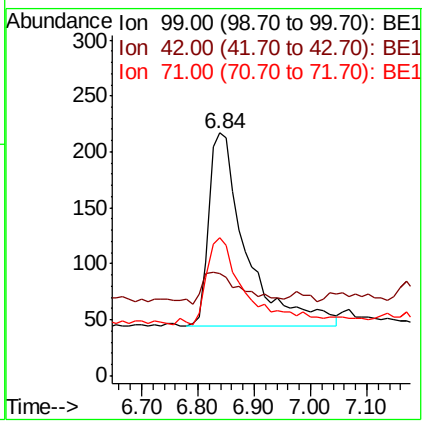


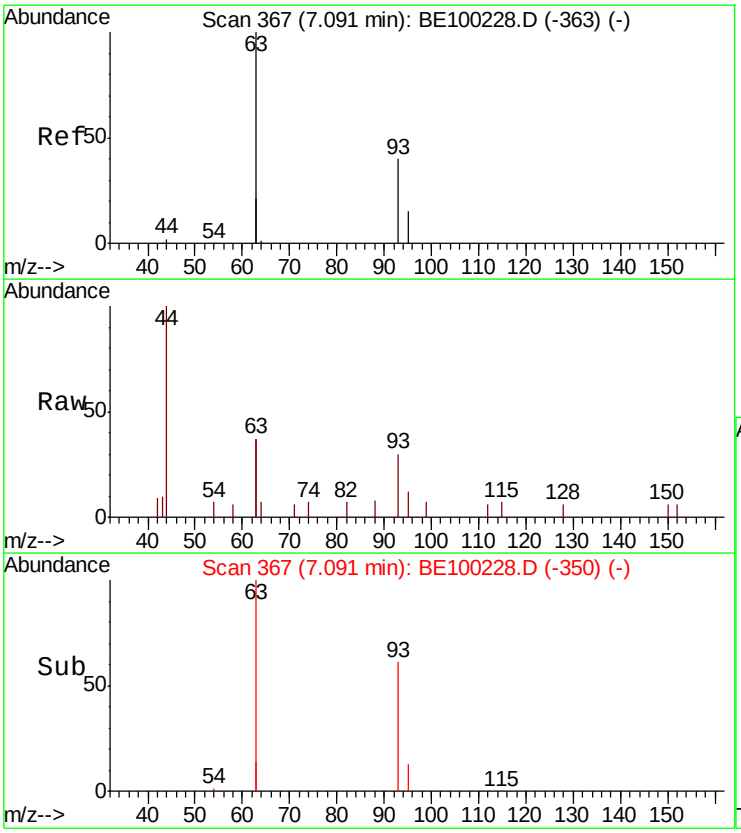
#5
Phenol-d6
Concen: 0.438 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 780

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.2	16.8
71	46.5	37.2	55.8

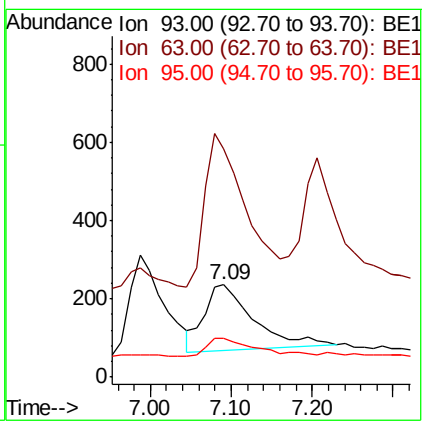


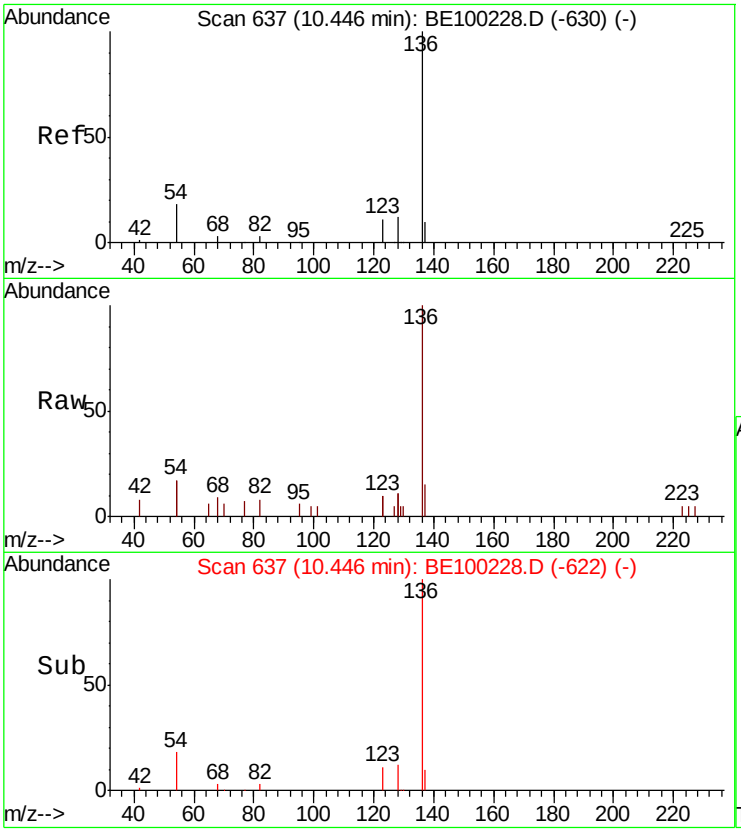


#6
bis(2-Chloroethyl)ether
Concen: 0.436 ng
RT: 7.09 min Scan# 367
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion: 93 Resp: 712

Ion	Ratio	Lower	Upper
93	100		
63	194.5	155.6	233.4
95	28.7	23.0	34.4



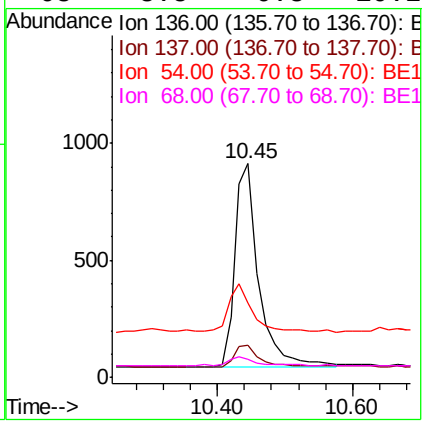


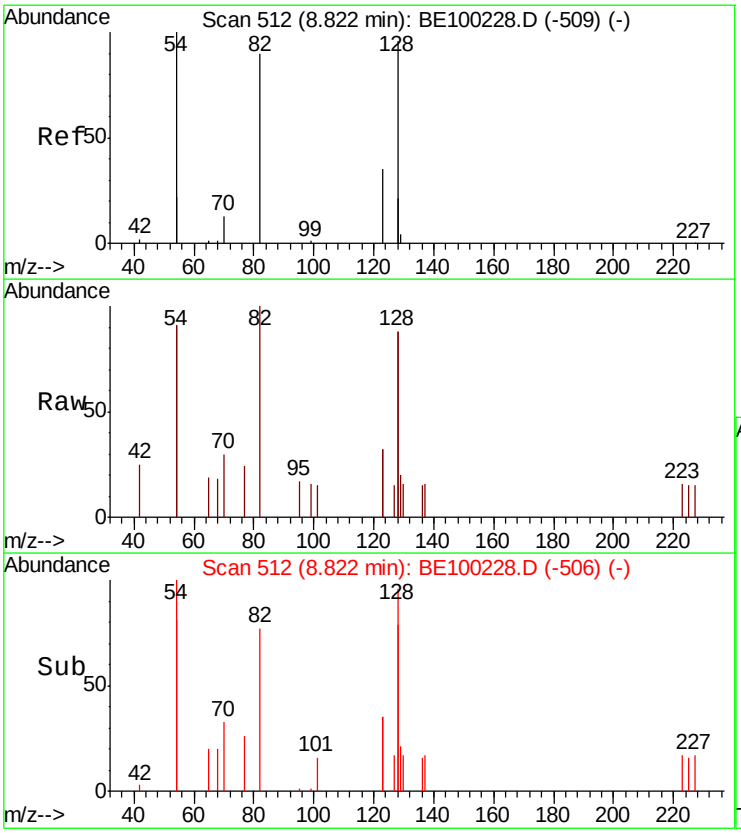
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2131

Ion	Ratio	Lower	Upper
136	100		
137	14.8	11.8	17.8
54	34.6	27.7	41.5
68	8.5	6.8	10.2

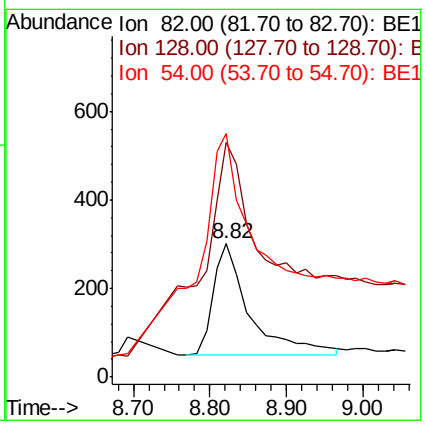


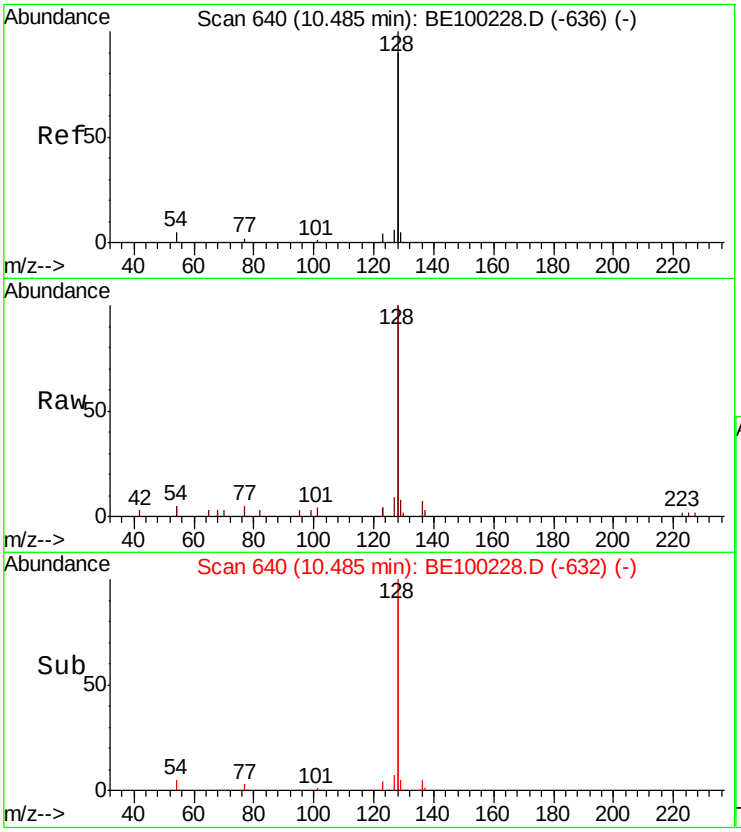


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.82 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion: 82 Resp: 833

Ion	Ratio	Lower	Upper
82	100		
128	176.1	140.9	211.3
54	182.7	146.2	219.2



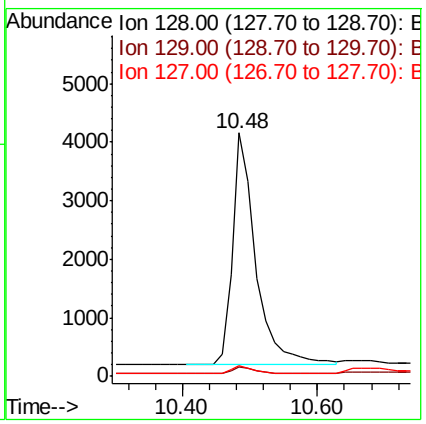


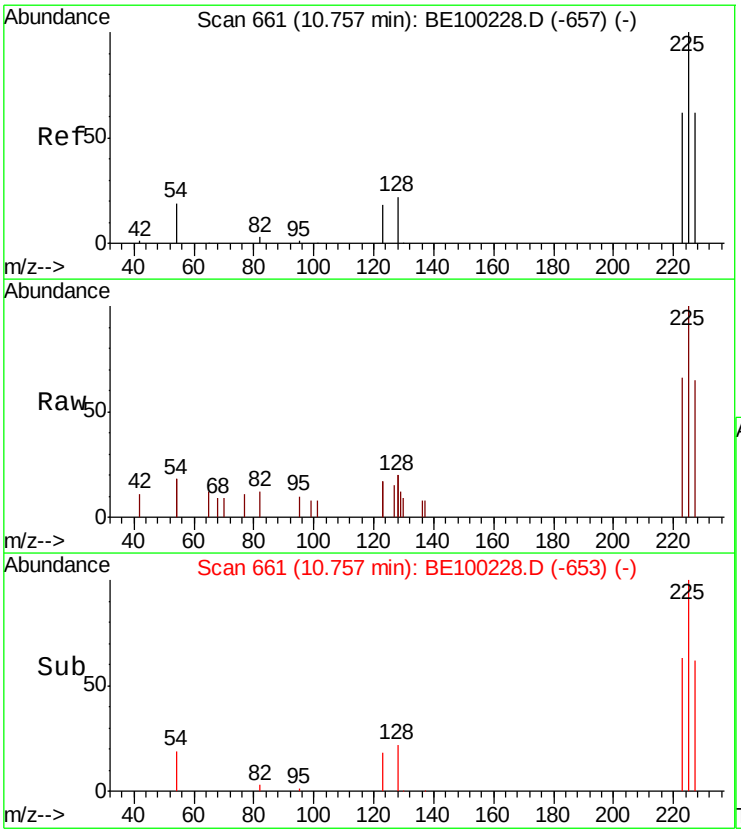
#9
Naphthalene
Concen: 0.411 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9566

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	4.4	3.5	5.3

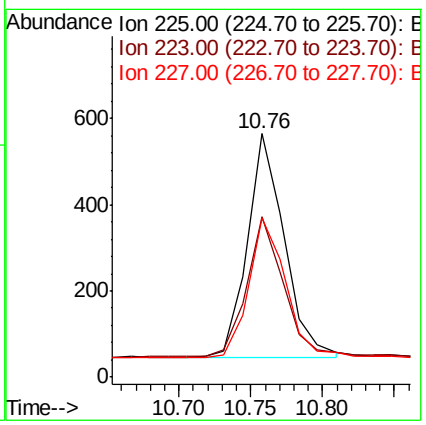


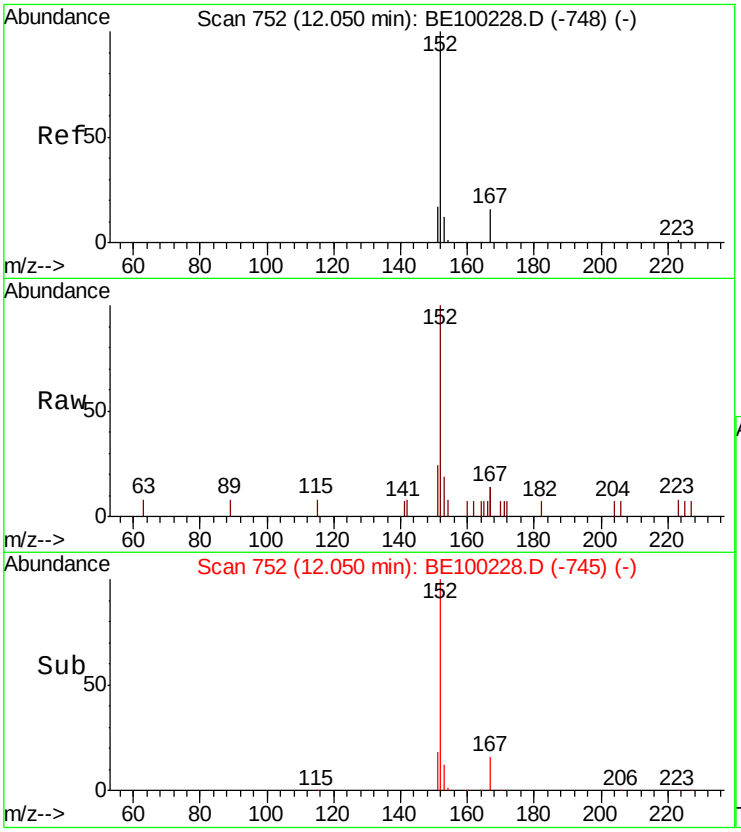


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.76 min Scan# 661
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:225 Resp: 935

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.1	73.7
227	62.6	49.3	73.9



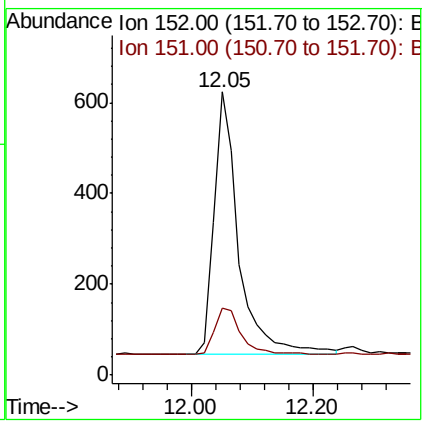


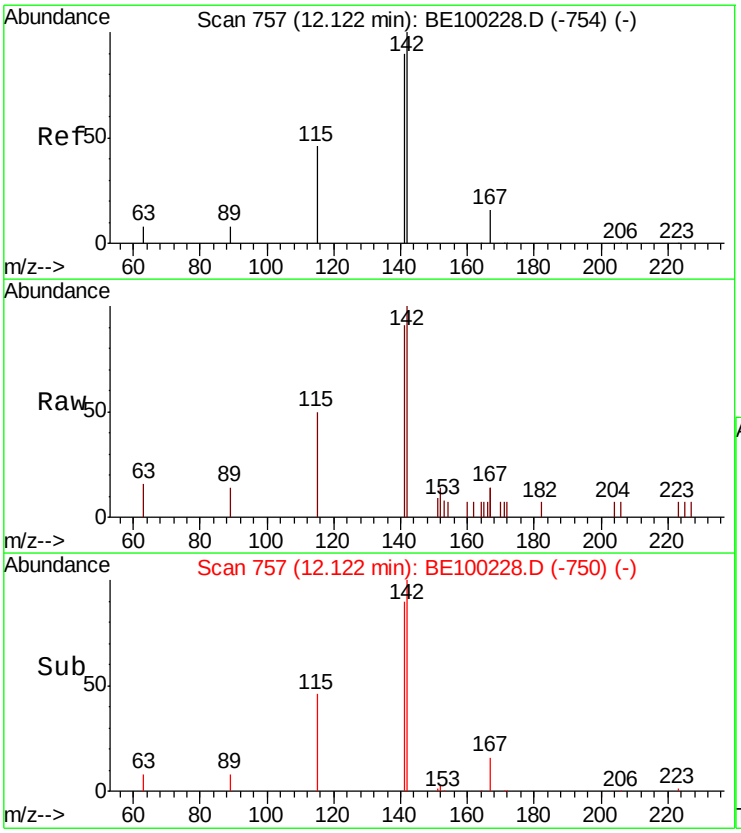
#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1631

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7

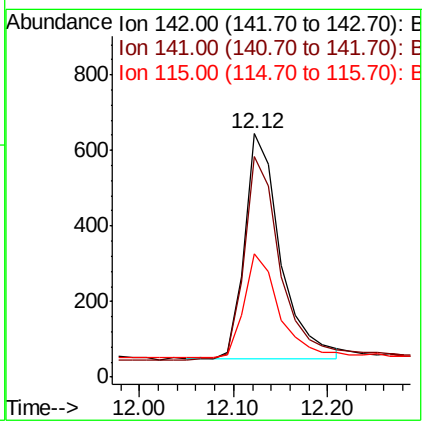


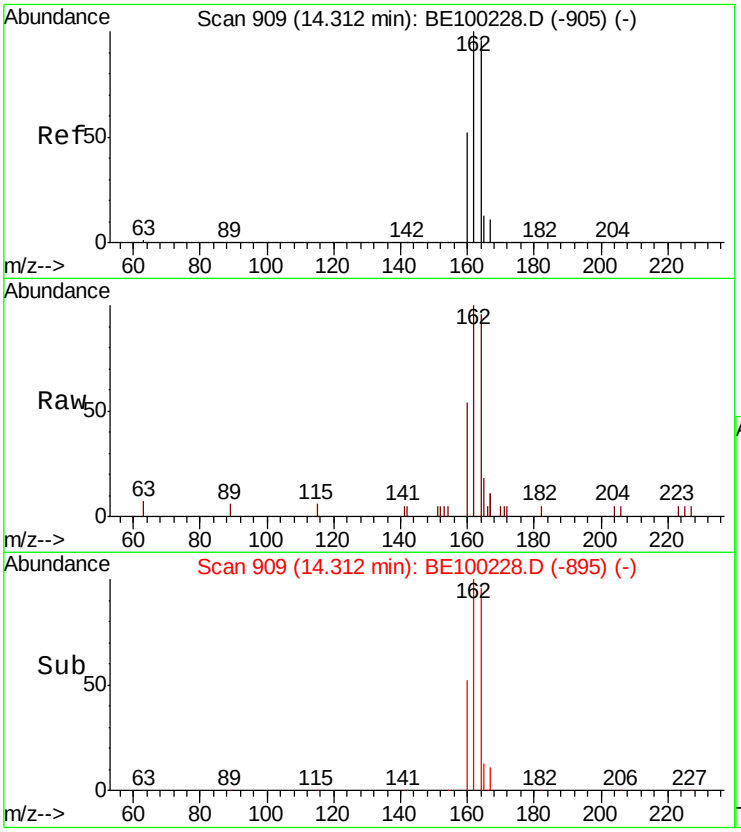


#12
2-Methylnaphthalene
Concen: 0.421 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:142 Resp: 1575

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.4	108.6
115	50.5	40.4	60.6



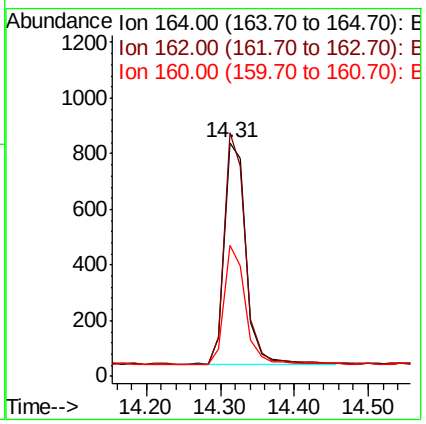


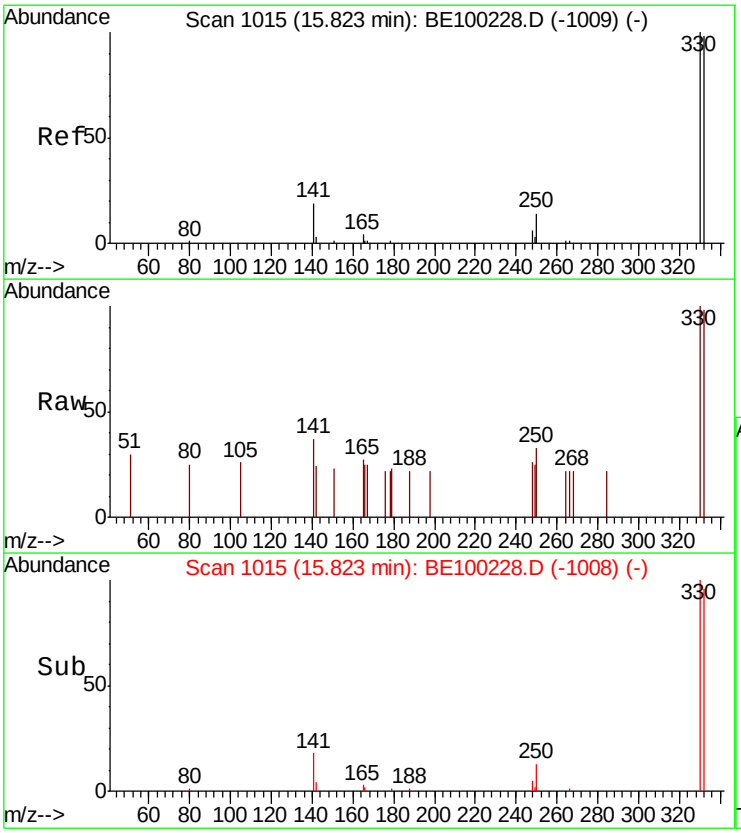
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1623

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.4	125.0
160	56.3	45.0	67.6

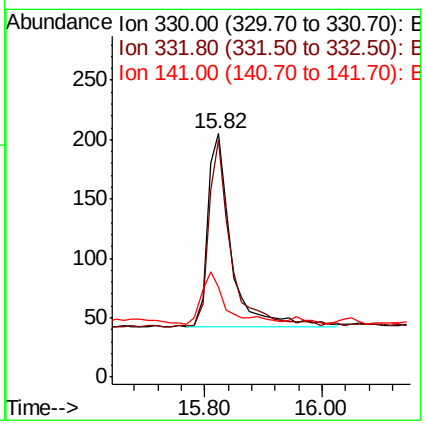


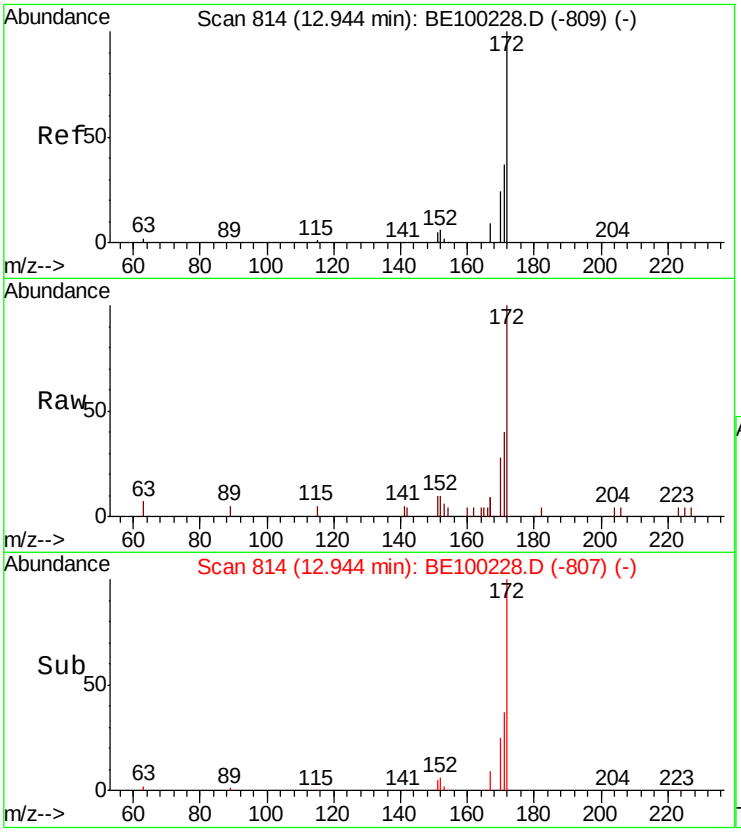


#14
2,4,6-Tribromophenol
Concen: 0.476 ng
RT: 15.82 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:330 Resp: 447

Ion	Ratio	Lower	Upper
330	100		
332	89.3	77.0	115.4
141	27.5	22.0	33.0



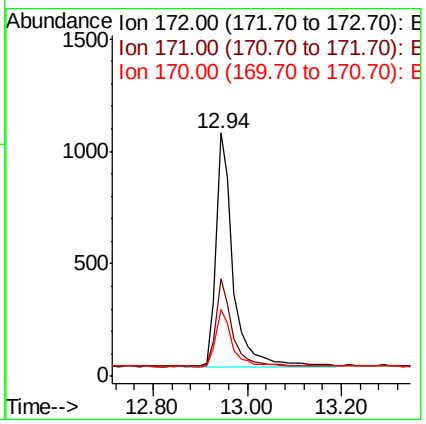


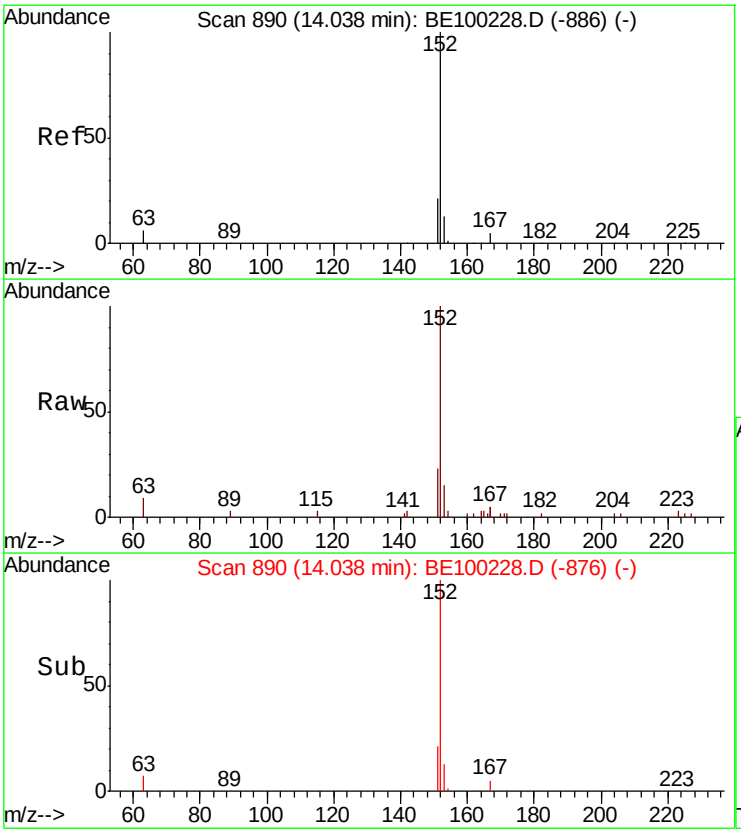
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2605

Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.9	47.9
170	27.7	22.2	33.2

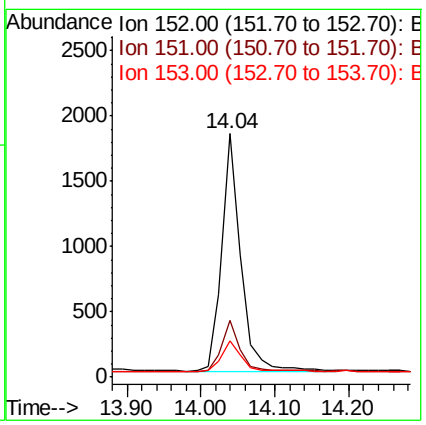


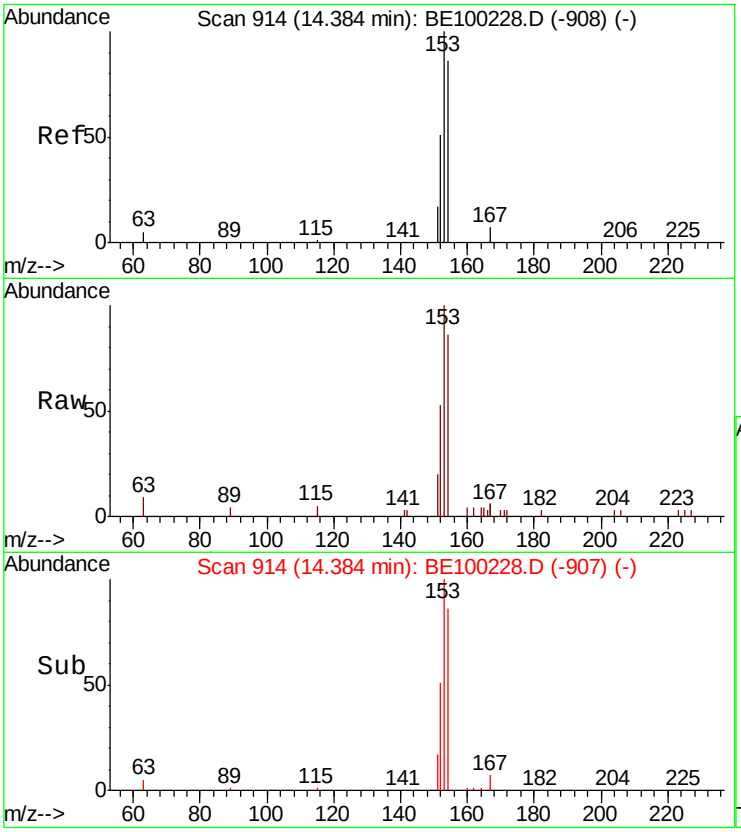


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:152 Resp: 3230

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.2	10.5	15.7



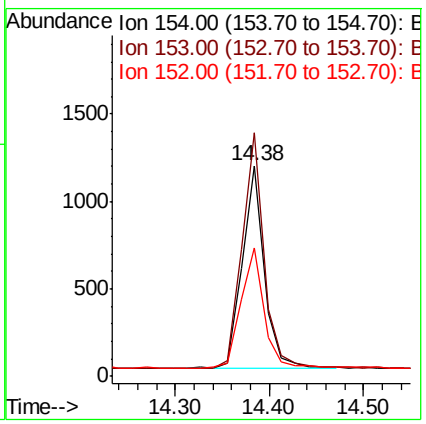


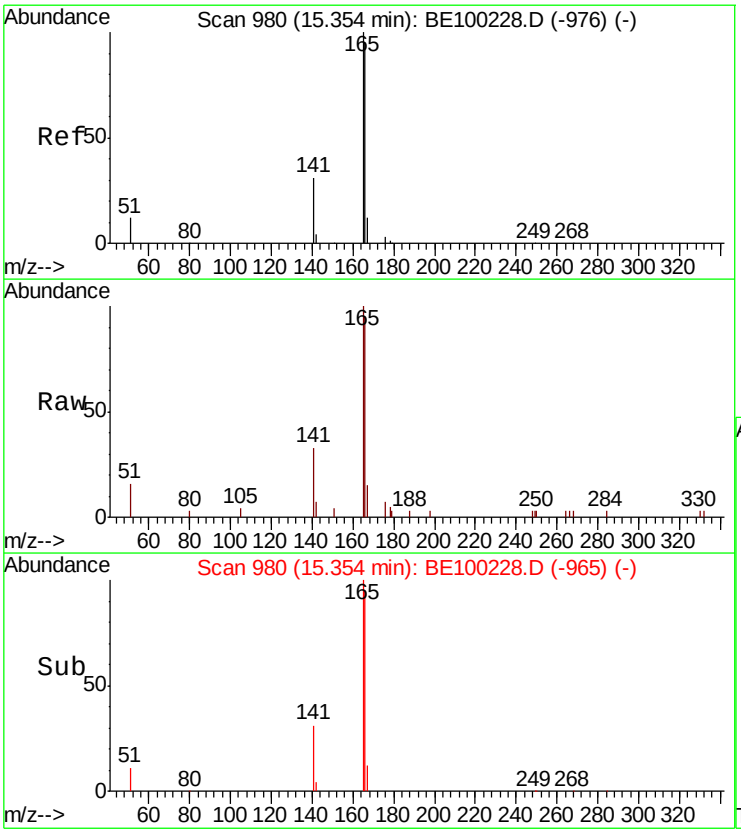
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1867

Ion	Ratio	Lower	Upper
154	100		
153	118.4	93.4	140.2
152	62.6	49.4	74.2

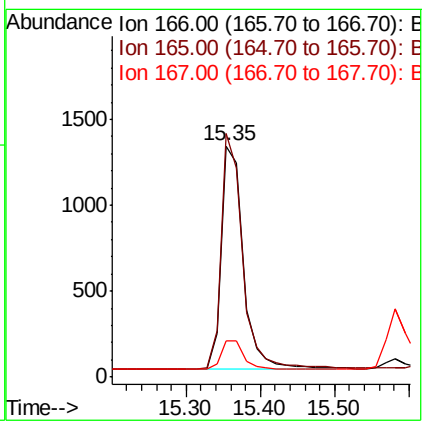


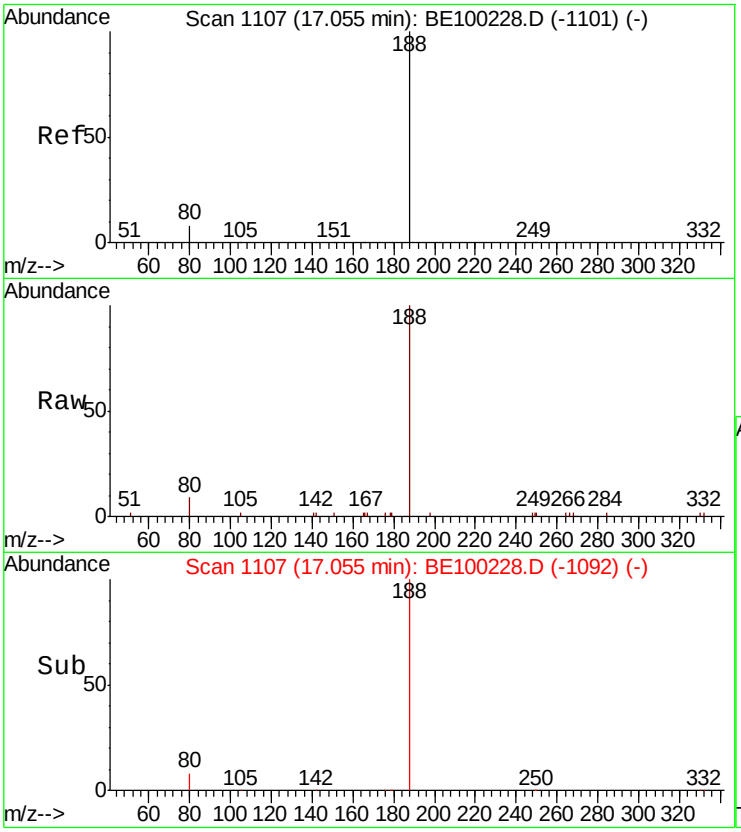


#18
Fluorene
Concen: 0.421 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:166 Resp: 2703

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.1	121.7
167	13.4	10.7	16.1



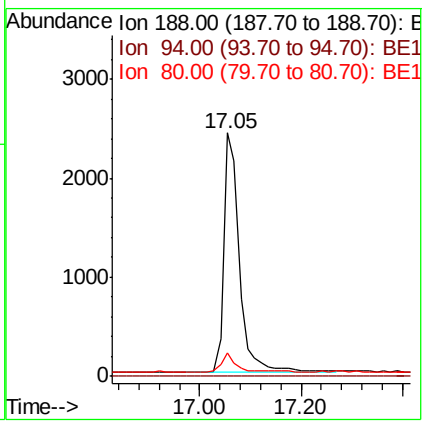


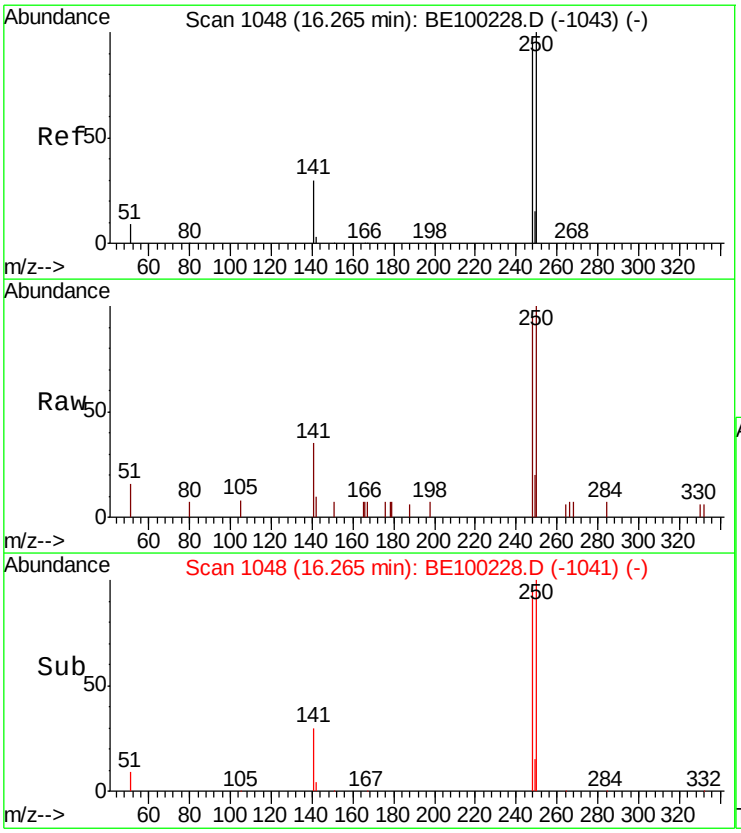
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5096

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.6	11.4

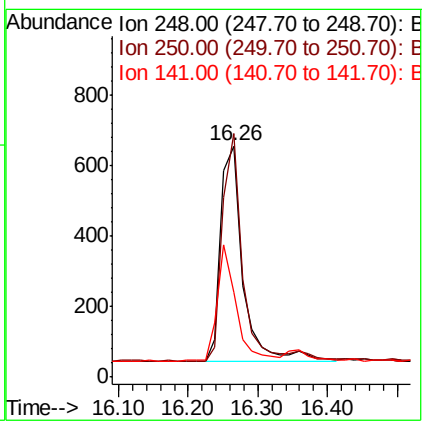


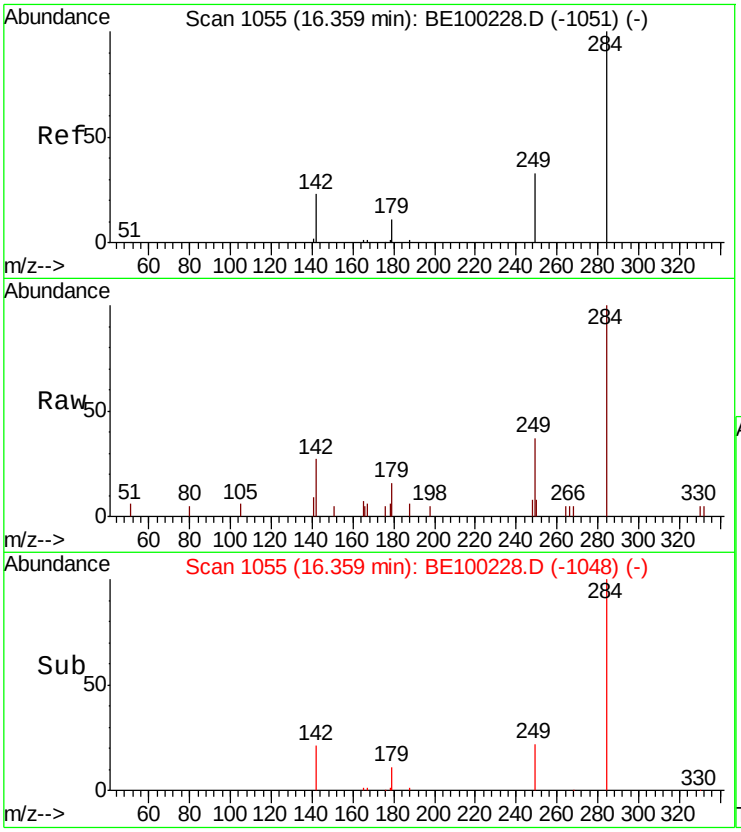


#20
4-Bromophenyl-phenylether
Concen: 0.429 ng
RT: 16.26 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:248 Resp: 1358

Ion	Ratio	Lower	Upper
248	100		
250	105.3	84.2	126.4
141	36.6	29.3	43.9



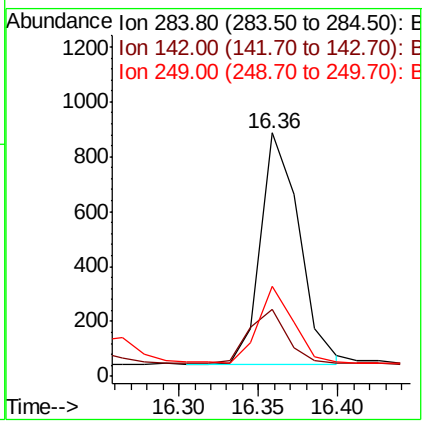


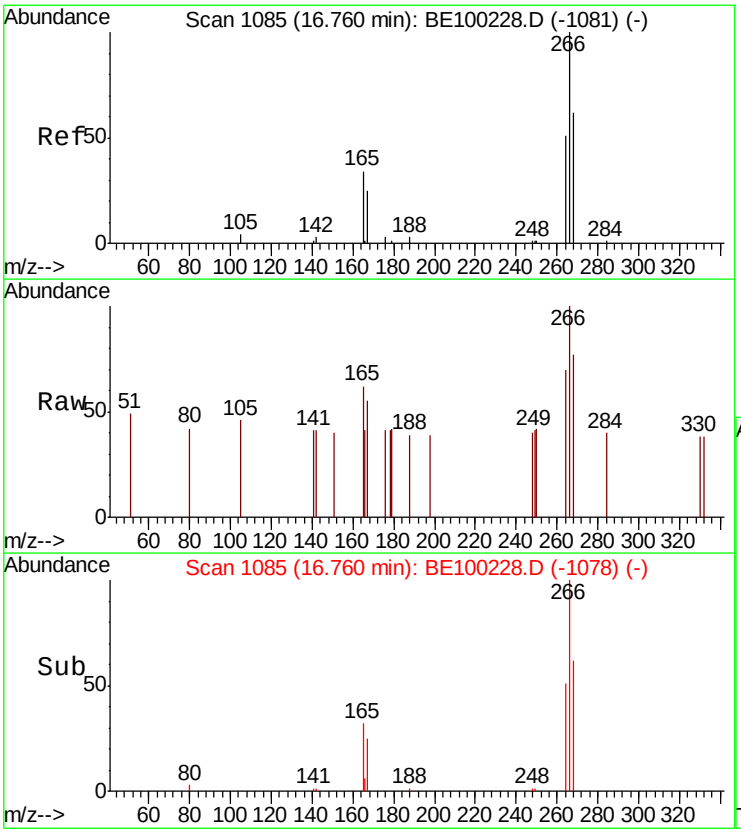
#21
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.36 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1414

Ion	Ratio	Lower	Upper
284	100		
142	23.5	18.8	28.2
249	29.6	23.7	35.5

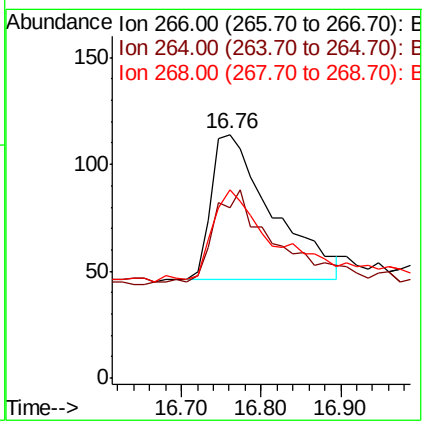


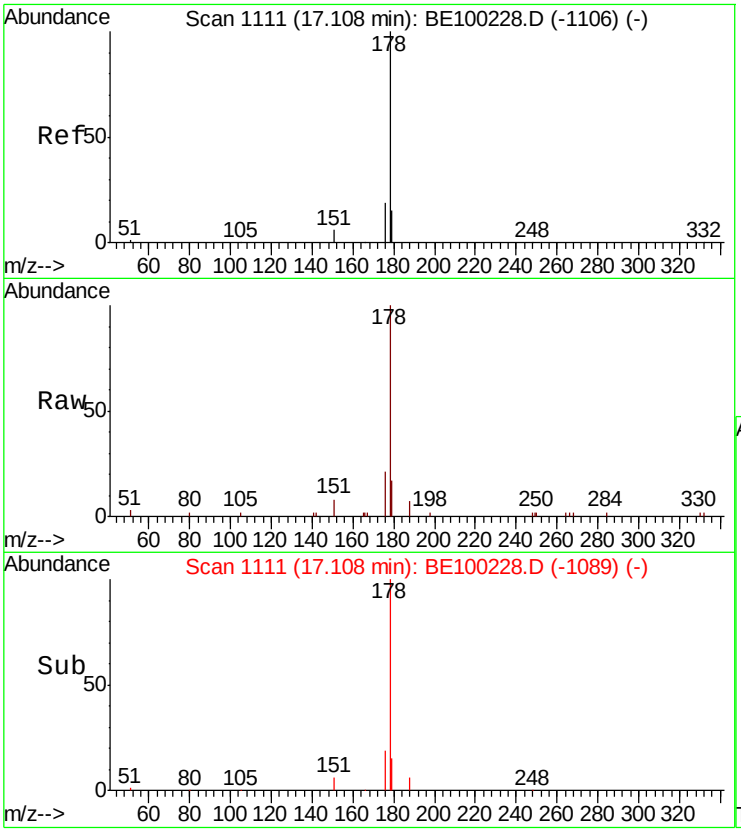


#22
Pentachlorophenol
Concen: 0.446 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:266 Resp: 364

Ion	Ratio	Lower	Upper
266	100		
264	70.2	56.2	84.2
268	77.2	61.8	92.6



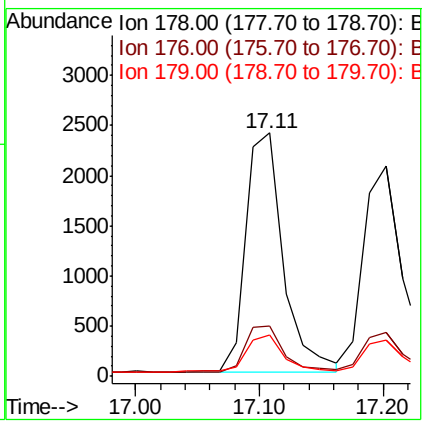


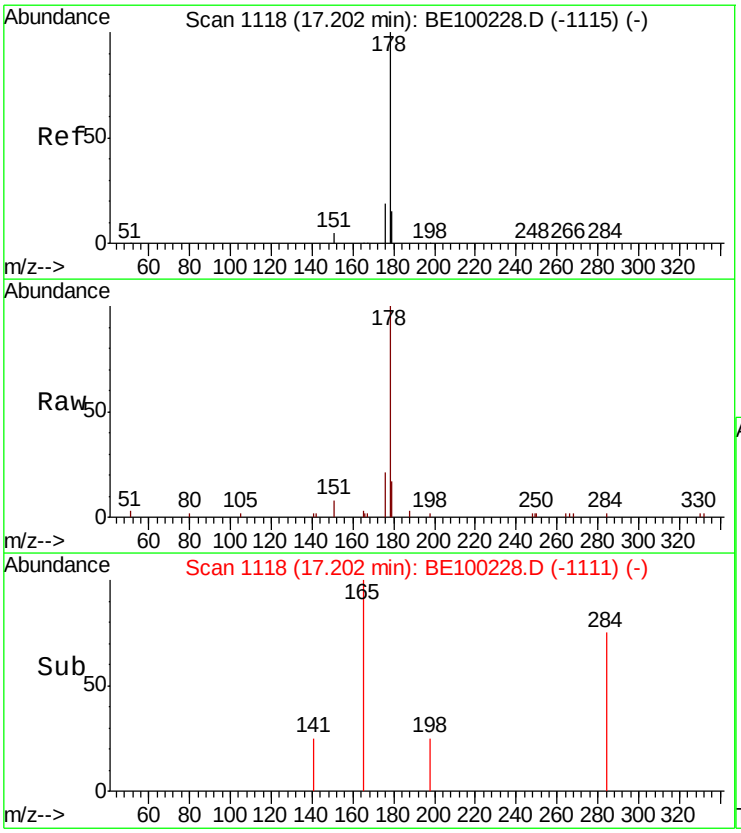
#23
Phenanthrene
Concen: 0.412 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4970

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.2	12.2	18.2

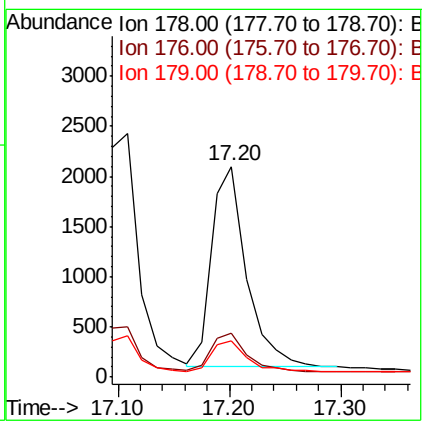


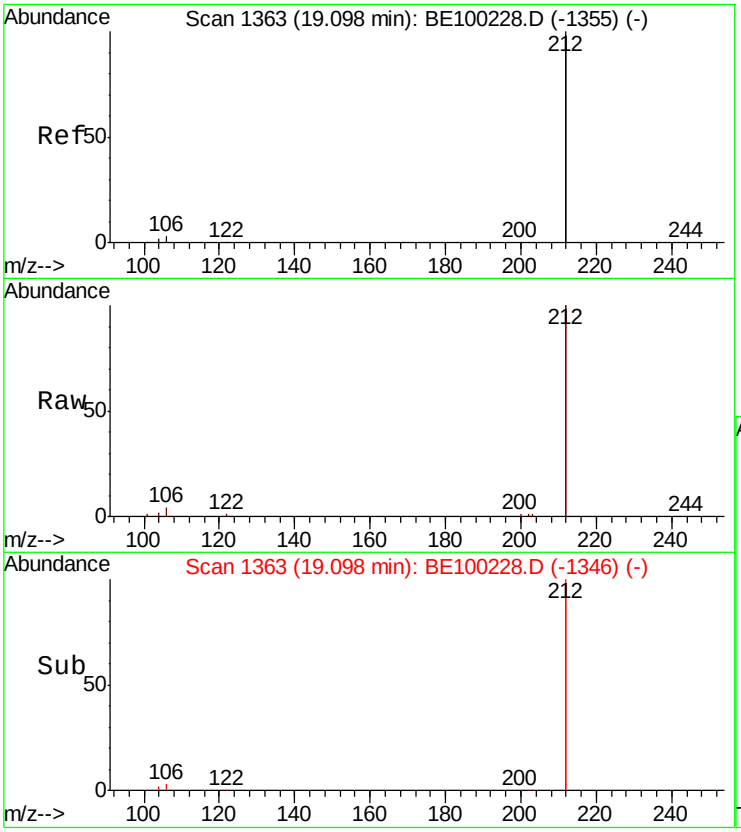


#24
Anthracene
Concen: 0.431 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:178 Resp: 4395

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	14.9	12.2	18.2



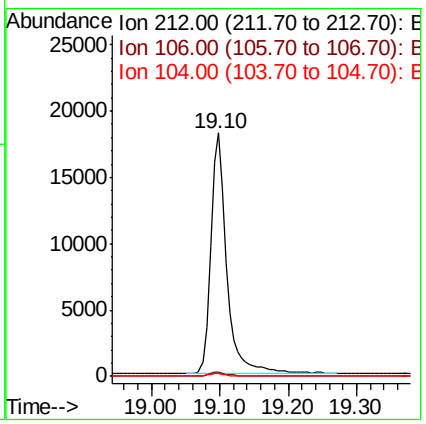


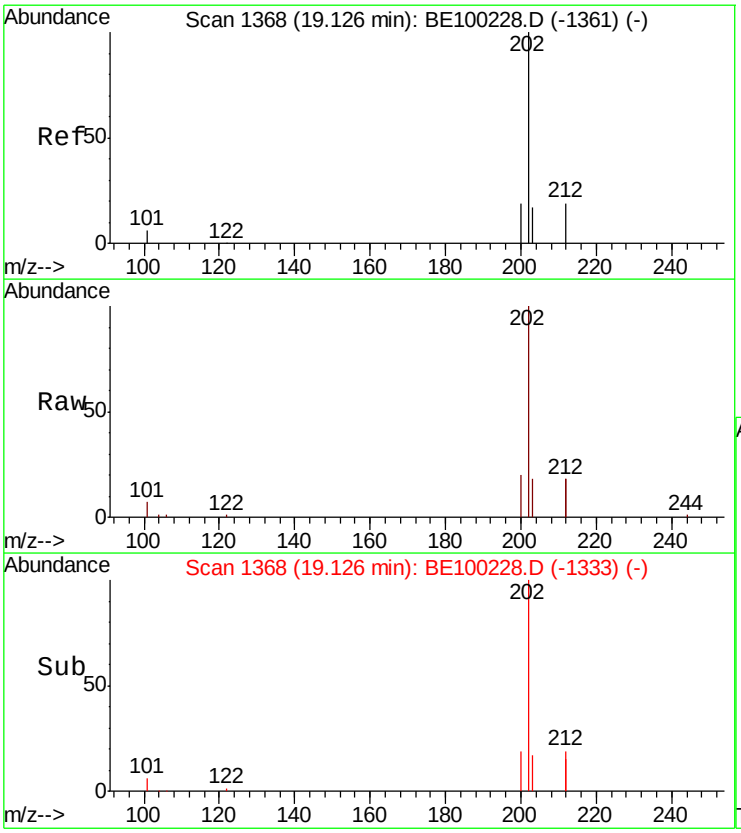
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30005

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

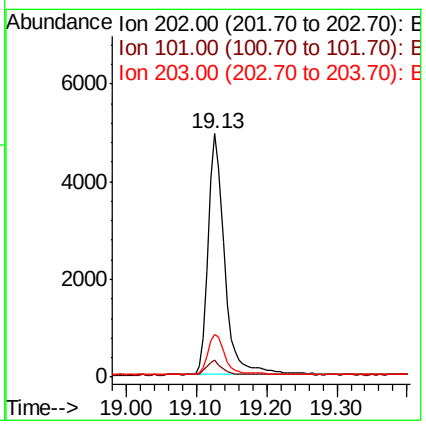


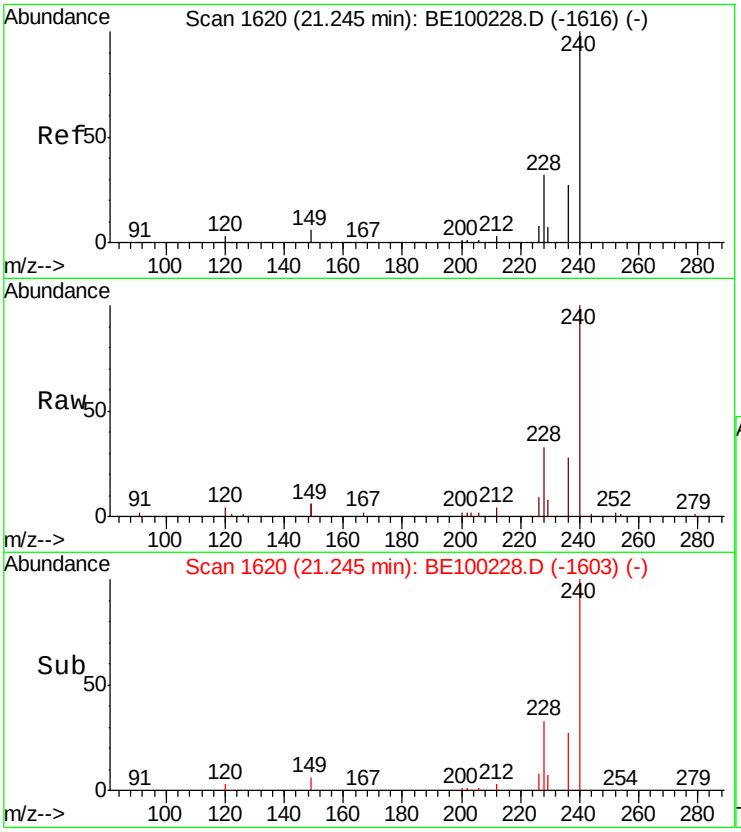


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:202 Resp: 8092

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.1	13.7	20.5



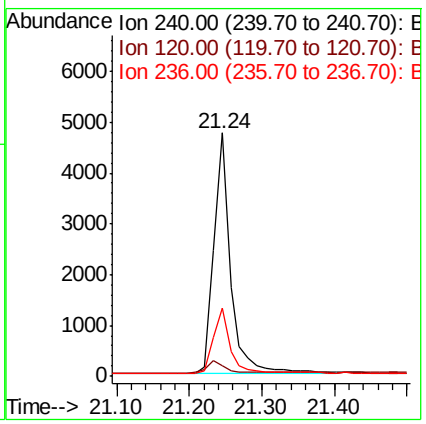


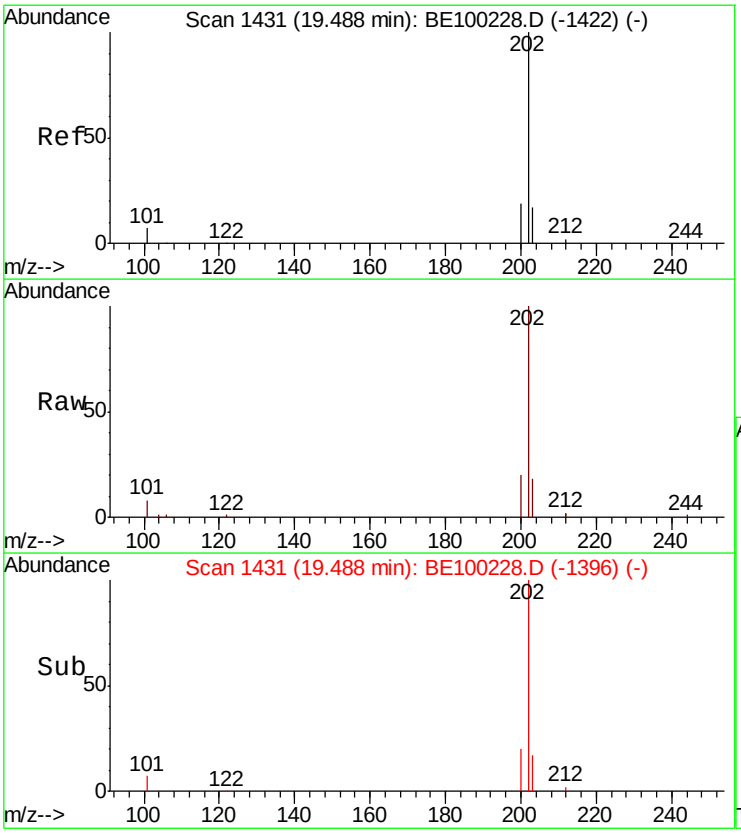
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7635

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.3	4.9
236	28.3	22.6	34.0

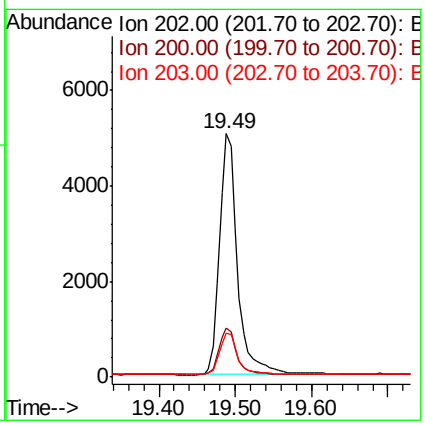


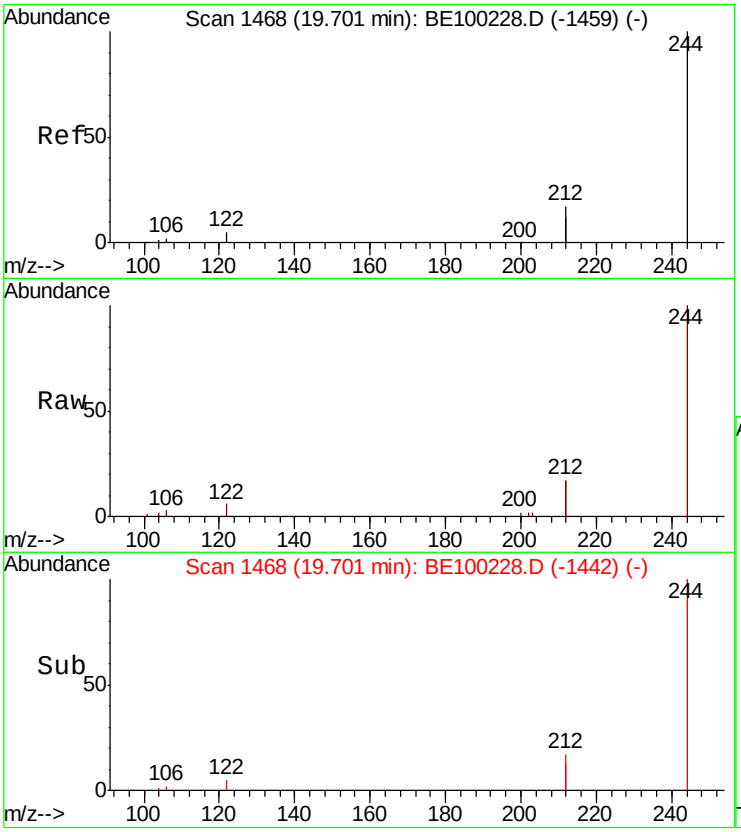


#28
Pyrene
Concen: 0.422 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:202 Resp: 8250

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.5	14.0	21.0



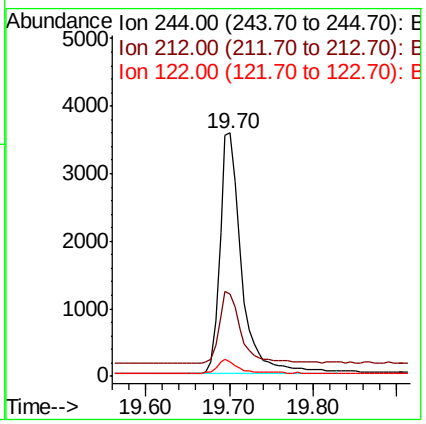


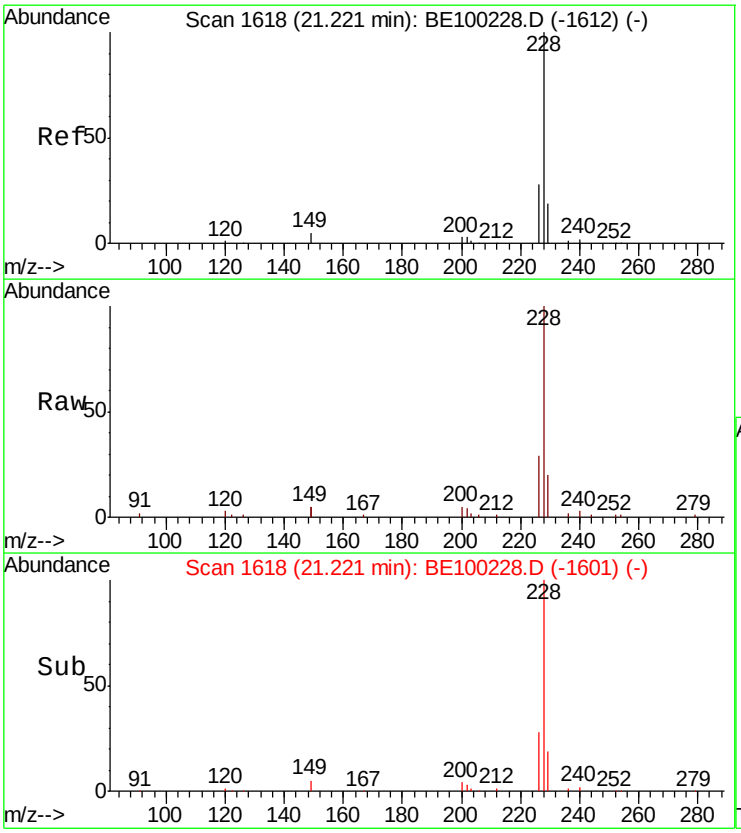
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6390

Ion	Ratio	Lower	Upper
244	100		
212	34.1	27.3	40.9
122	5.9	4.7	7.1

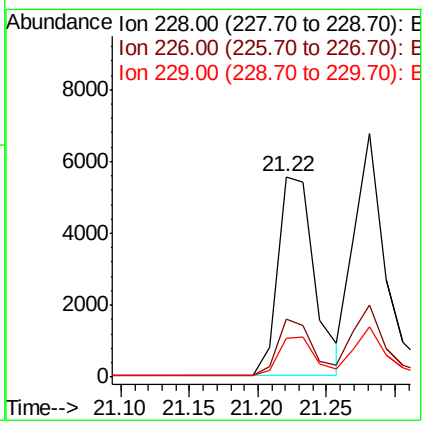


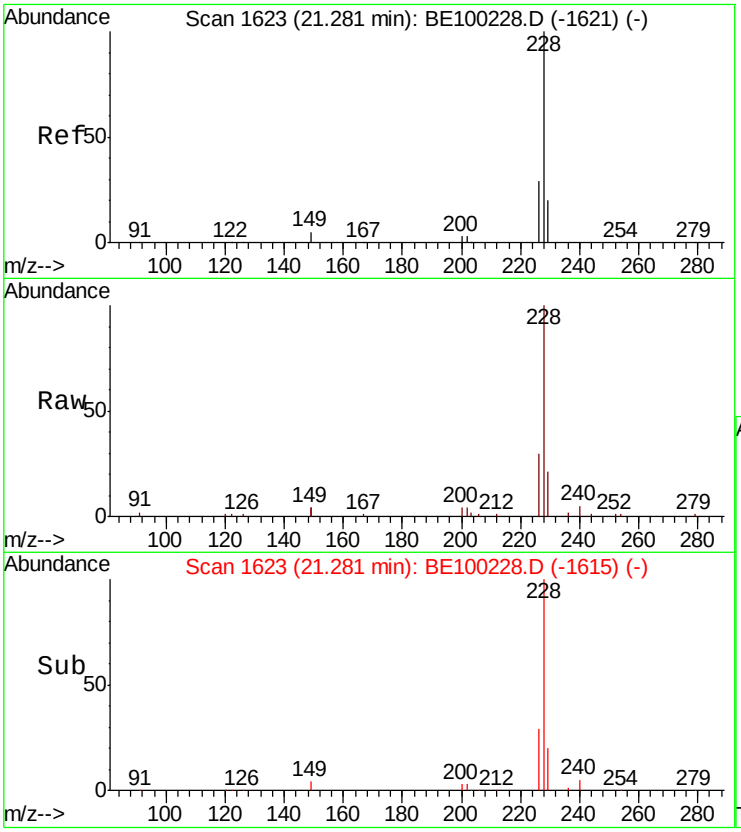


#30
Benzo(a)anthracene
Concen: 0.455 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:228 Resp: 10252

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	19.6	15.7	23.5



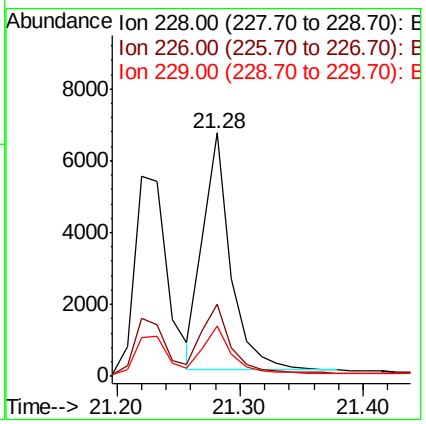


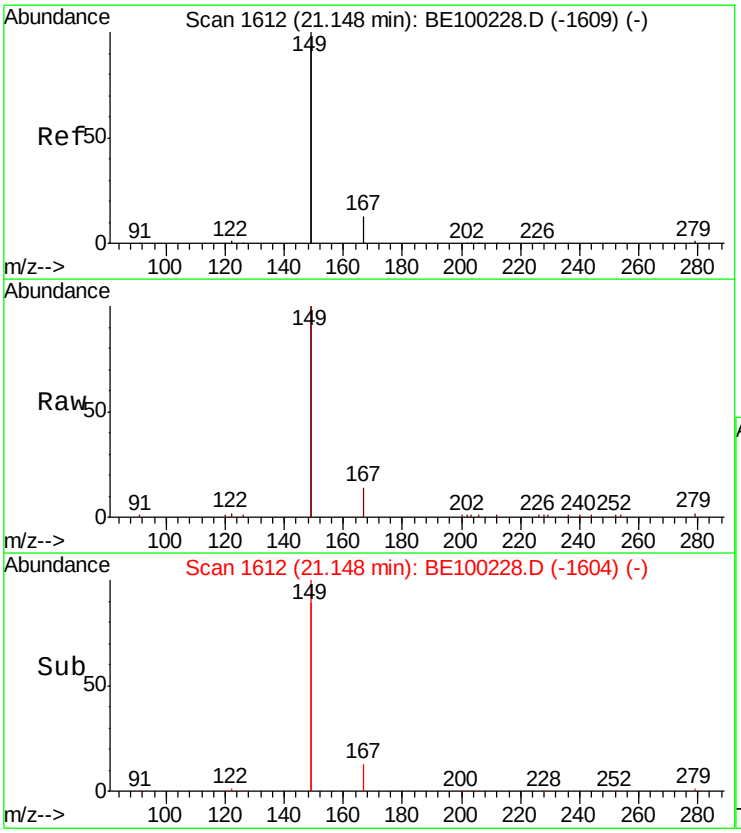
#31
Chrysene
Concen: 0.392 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10358

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	20.6	16.5	24.7

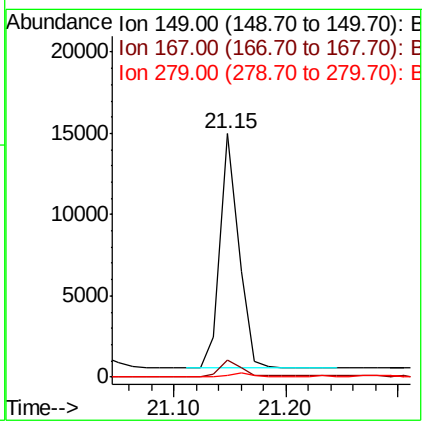


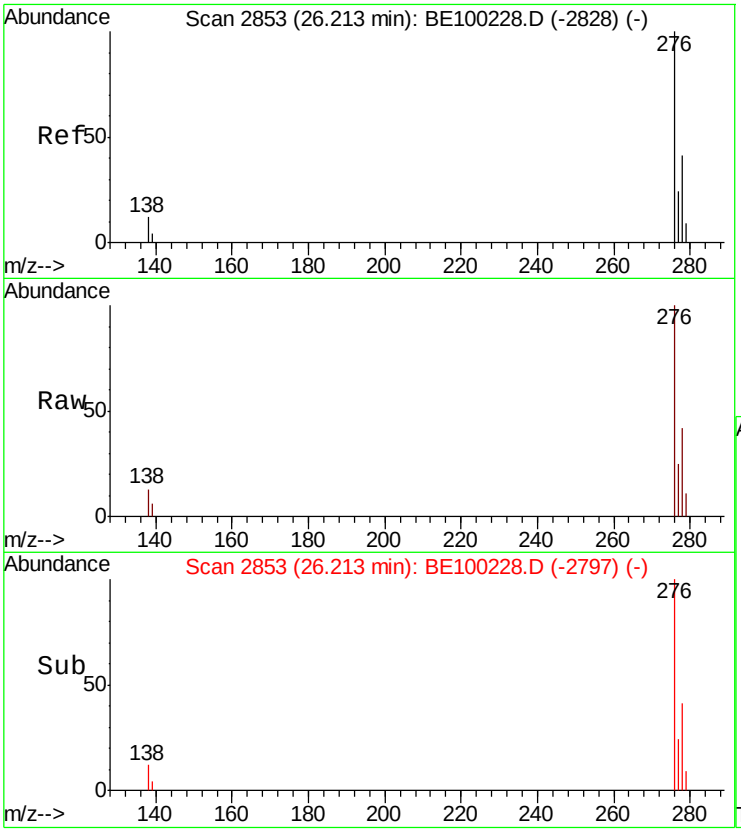


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.647 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:149 Resp: 16743

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



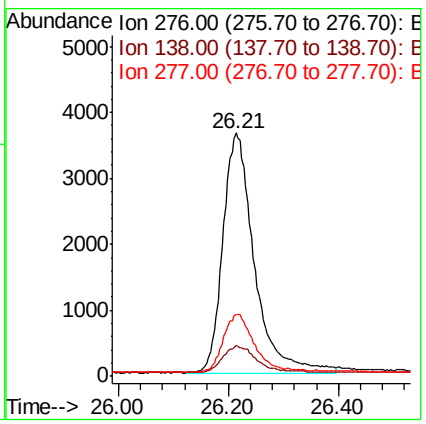


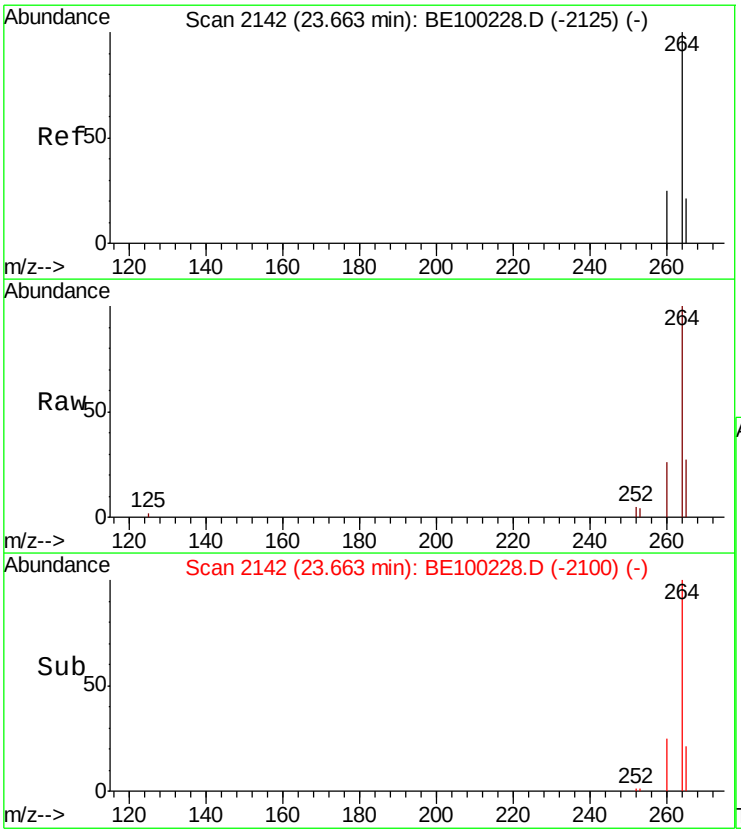
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 26.21 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14429

Ion	Ratio	Lower	Upper
276	100		
138	11.7	9.4	14.0
277	24.0	19.2	28.8

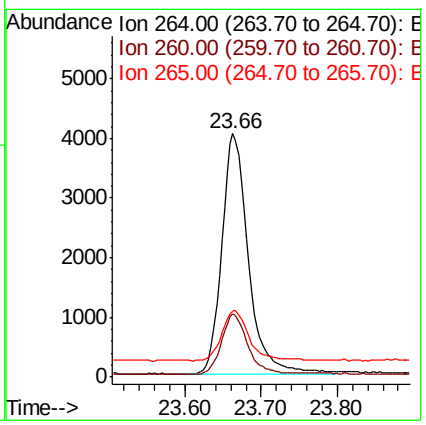


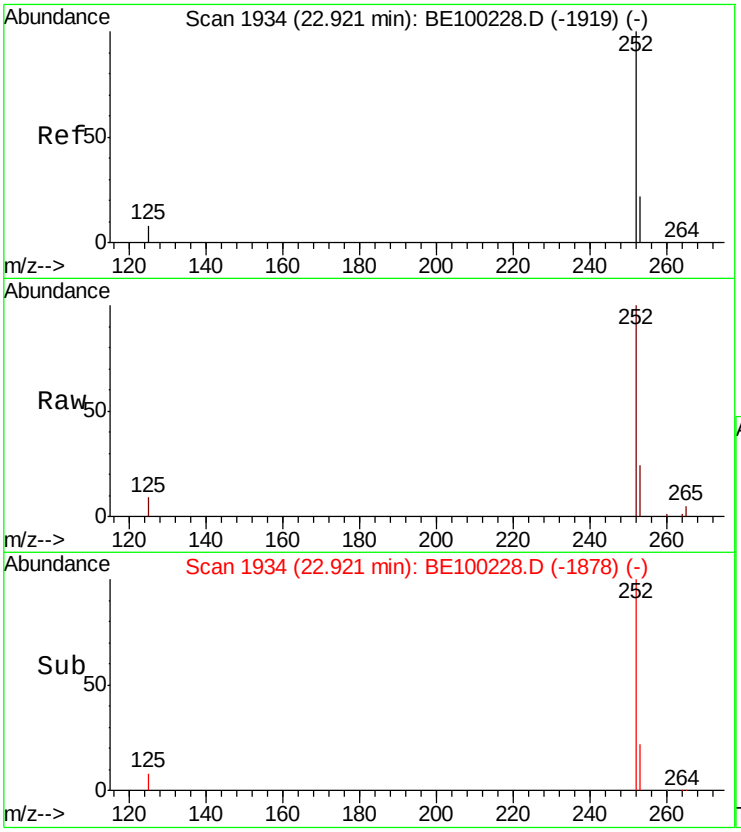


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:264 Resp: 9763

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	27.2	21.8	32.6



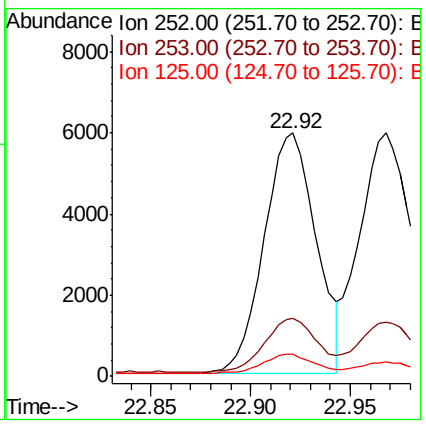


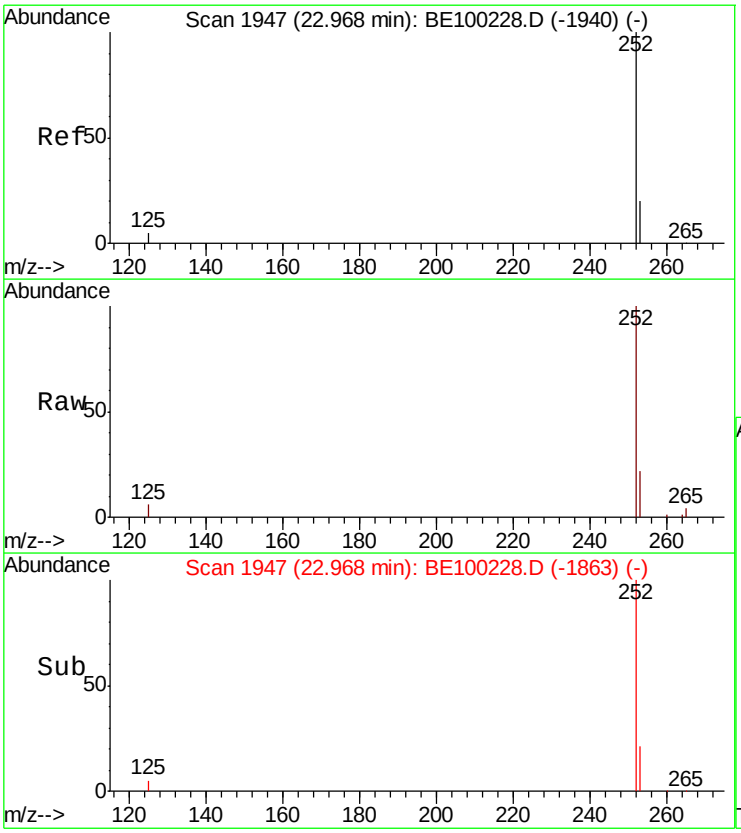
#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10726

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	9.2	7.4	11.0

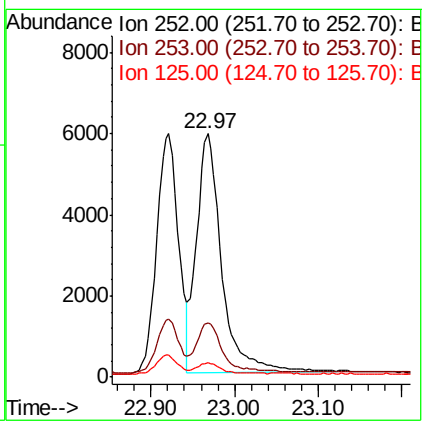


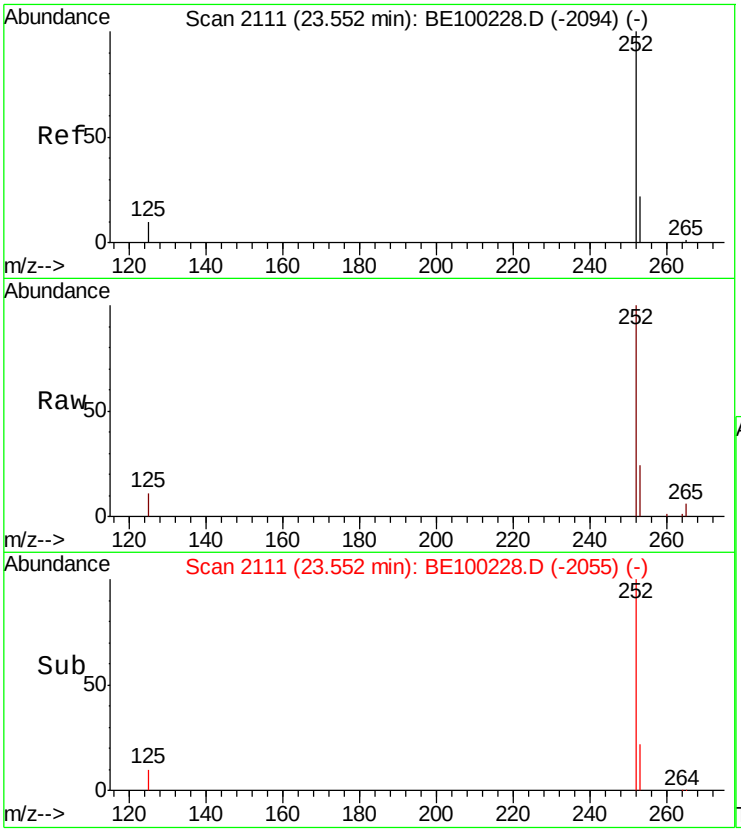


#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:252 Resp: 12282

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	6.2	5.0	7.4



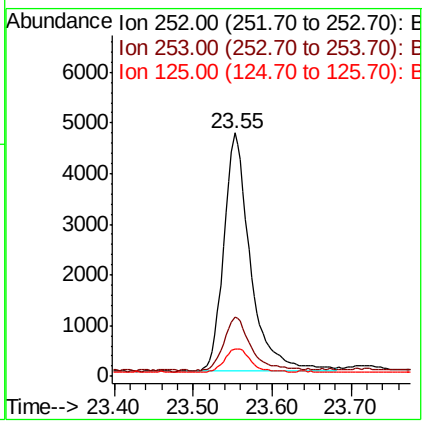


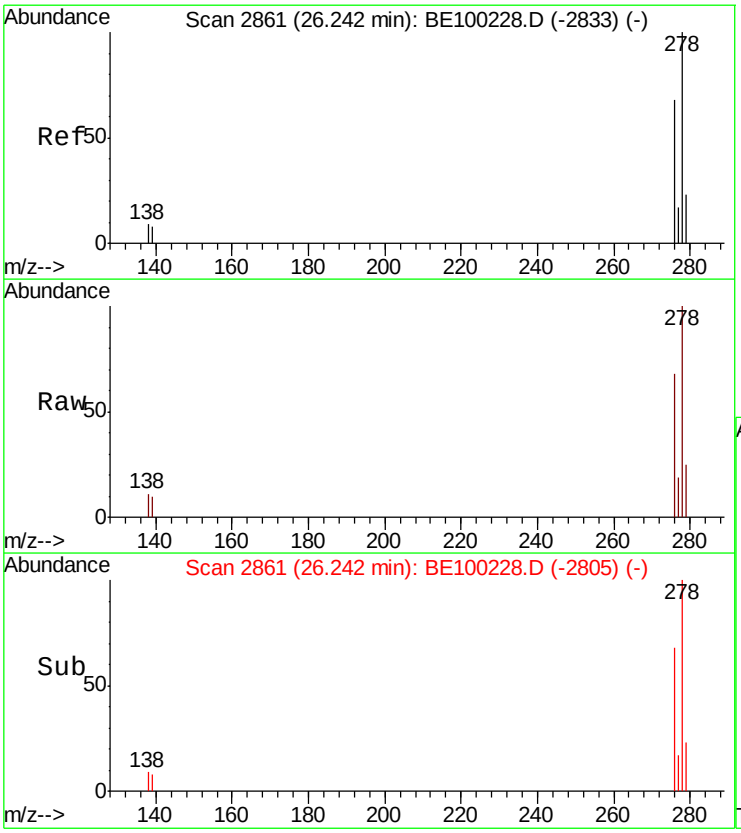
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.55 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11047

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.6	29.4
125	11.3	9.0	13.6

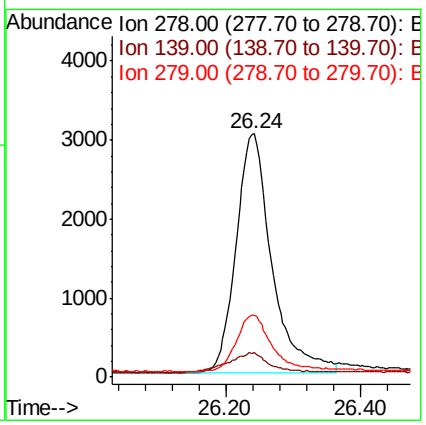


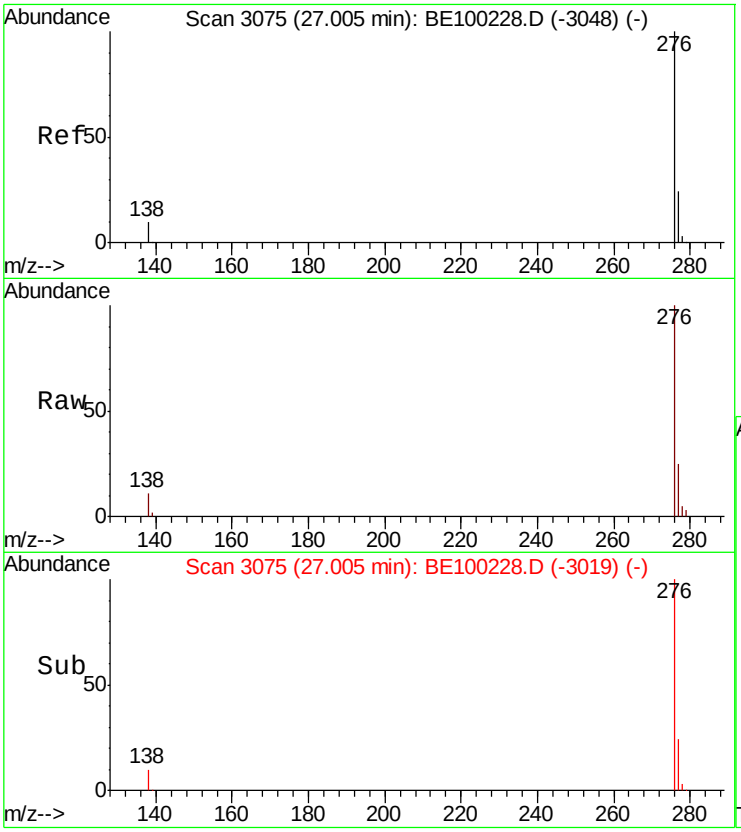


#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.24 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Tgt Ion:278 Resp: 11172

Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.2	12.2
279	25.4	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.01 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BE100228.D
Acq: 28 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11840

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.2
138	11.3	9.0	13.6