Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100345.D
Acq On : 4 Jul 2019 1:09
Operator : JU/SJ
Sample : K3560-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 04 02:39:29 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	7.63	152	549	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	1868	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1598	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5074	0.40	ng		0.00
27) Chrysene-d12	21.25	240	6706	0.40	ng		0.00
34) Perylene-d12	23.66	264	8080	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	569	0.41	ng		-0.01
5) Phenol-d6	6.83	99	681	0.37	ng		-0.01
8) Nitrobenzene-d5	8.81	82	692	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1299	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	485	0.43	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	2030	0.33	ng		-0.01
25) Fluoranthene-d10	19.09	212	23226	0.32	ng		0.00
29) Terphenyl-d14	19.69	244	5195	0.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	26	0.031	ng	#	1
9) Naphthalene	10.48	128	496	0.024	ng	#	72
16) Acenaphthylene	14.04	152	431	0.056	ng	#	89
18) Fluorene	15.35	166	172	0.027	ng	#	75
23) Phenanthrene	17.09	178	4545	0.370	ng		99
24) Anthracene	17.19	178	751	0.068	ng		96
26) Fluoranthene	19.12	202	12158	0.621	ng		100
28) Pyrene	19.48	202	11929	0.672	ng		97
30) Benzo(a)anthracene	21.22	228	7689	0.349	ng	#	94
31) Chrysene	21.22	228	4645	0.210	ng		96
32) Bis(2-ethylhexyl)phthalate	21.15	149	5685	0.125	ng		97
33) Indeno(1,2,3-cd)pyrene	26.22	276	4456	0.152	ng		96
35) Benzo(b)fluoranthene	22.92	252	8890	0.406	ng	#	93
36) Benzo(k)fluoranthene	22.92	252	8890	0.364	ng	#	89
37) Benzo(a)pyrene	23.55	252	6336	0.289	ng	#	89
38) Dibenzo(a,h)anthracene	26.23	278	991	0.043	ng	#	45
39) Benzo(g,h,i)perylene	27.00	276	4503	0.191	ng	#	90

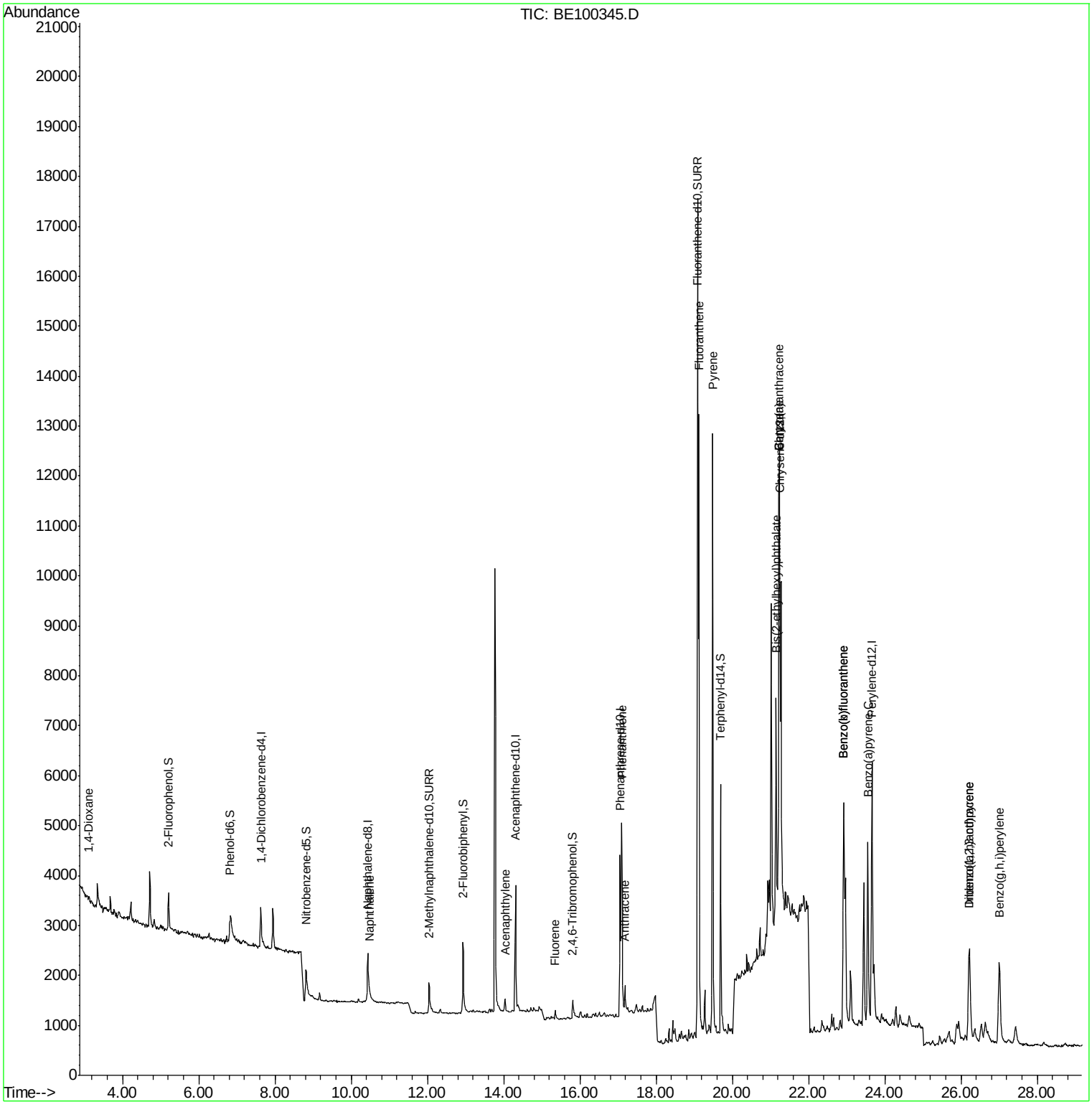
(#) = qualifier out of range (m) = manual integration (+) = signals summed

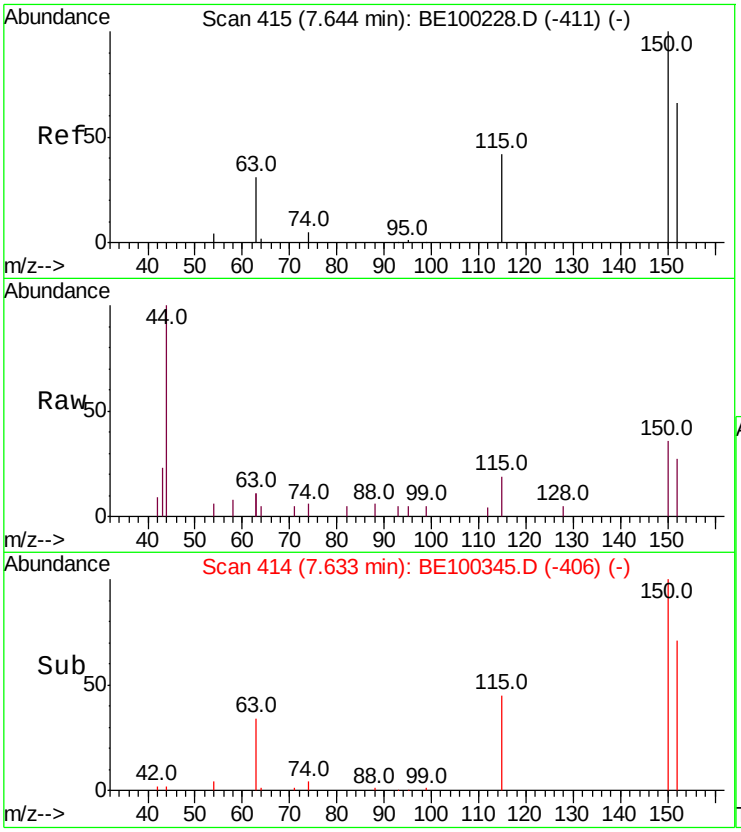
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100345.D
Acq On : 4 Jul 2019 1:09
Operator : JU/SJ
Sample : K3560-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 04 02:39:29 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



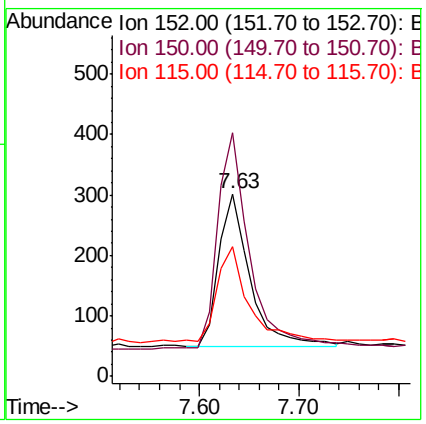


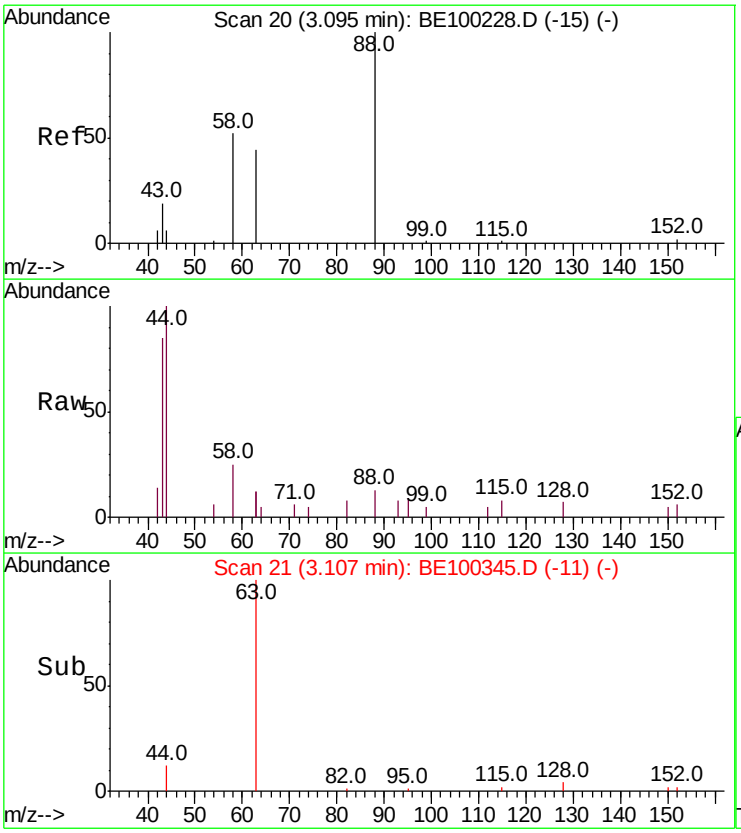
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 549

Ion	Ratio	Lower	Upper
152	100		
150	133.4	114.5	171.7
115	71.2	57.1	85.7

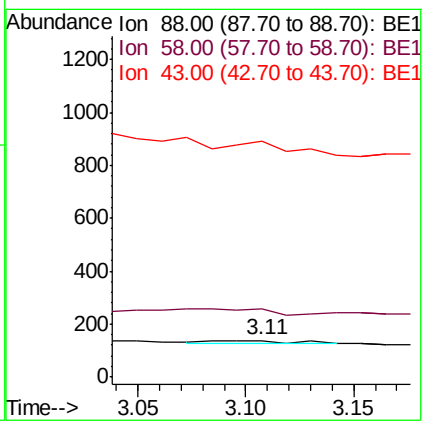


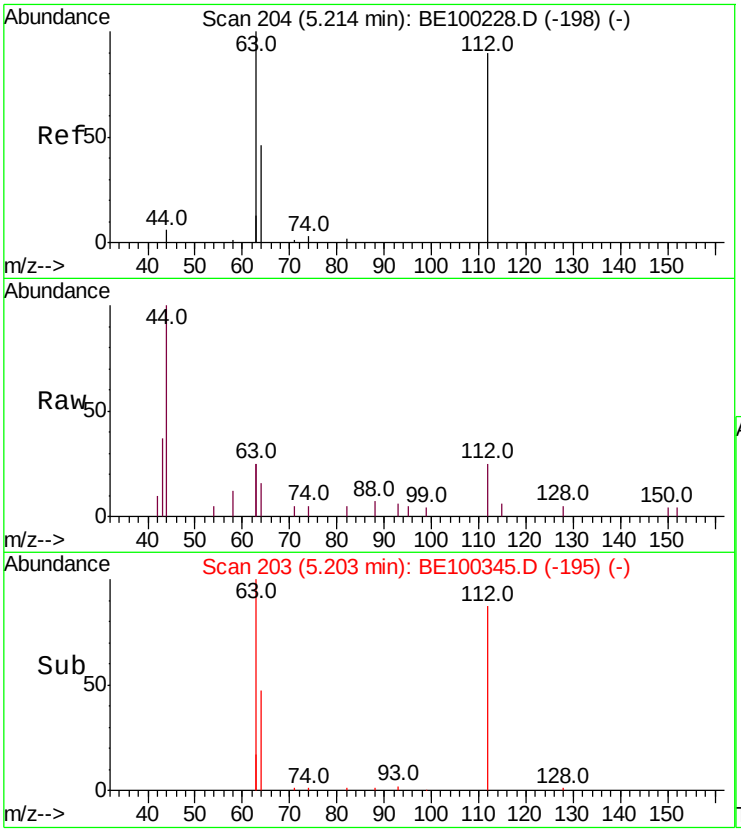


#2
1,4-Dioxane
Concen: 0.031 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
58	219.2	43.6	65.4#
43	0.0	21.4	32.0#



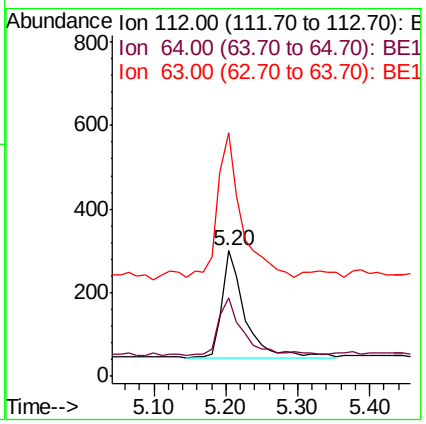


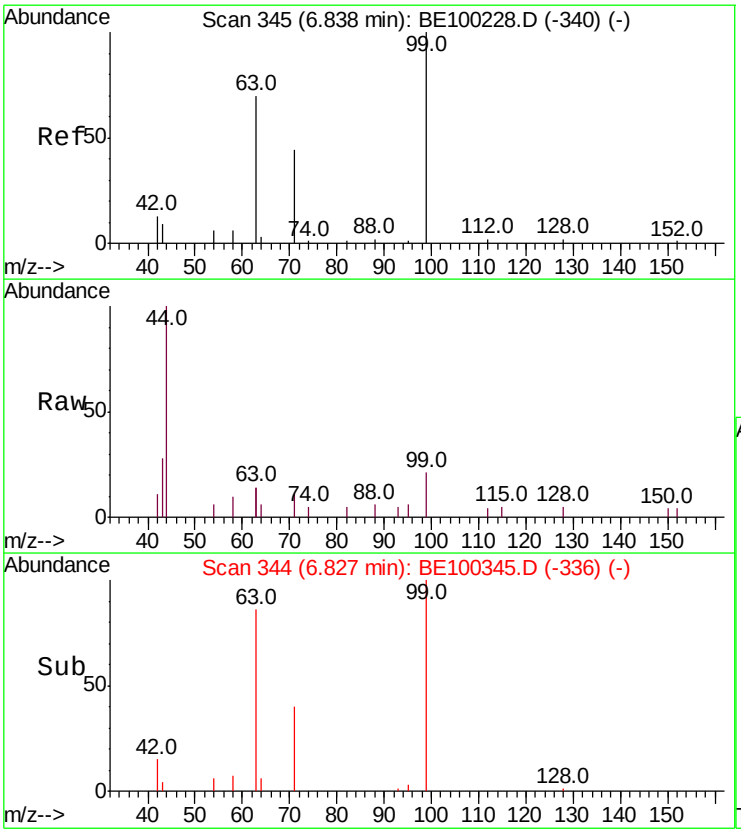
#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 569

Ion	Ratio	Lower	Upper
112	100		
64	54.7	39.4	59.0
63	139.7	104.5	156.7

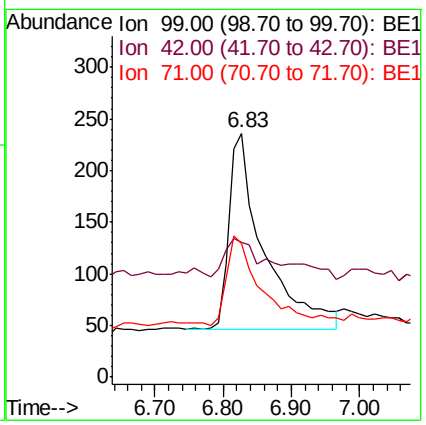


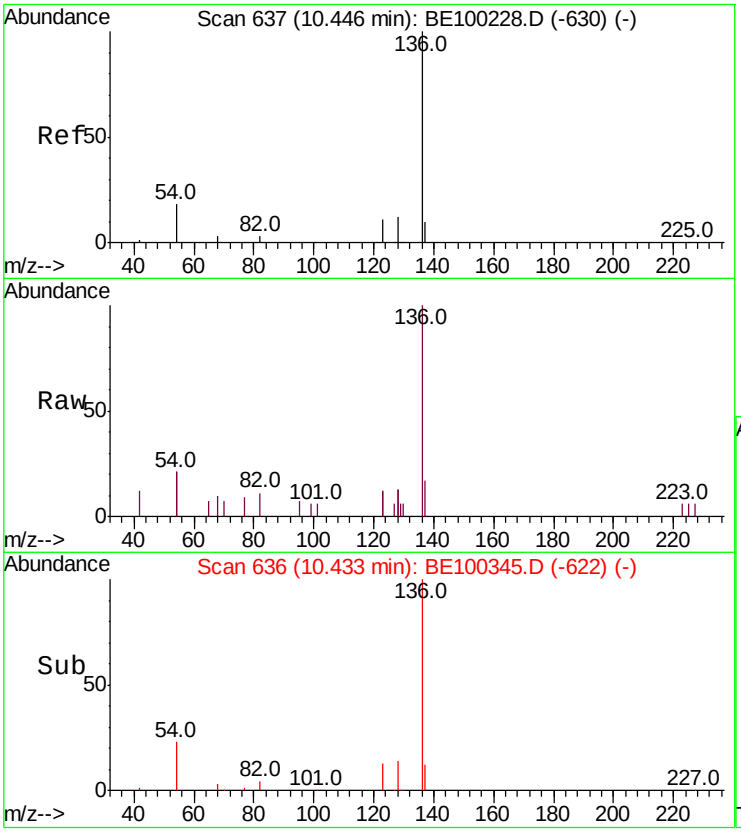


#5
Phenol-d6
Concen: 0.370 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion: 99 Resp: 681

Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.2	16.8#
71	47.1	37.2	55.8



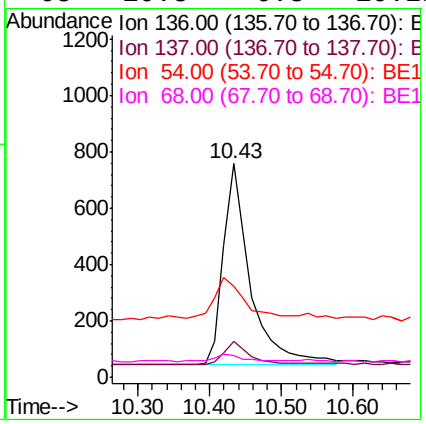


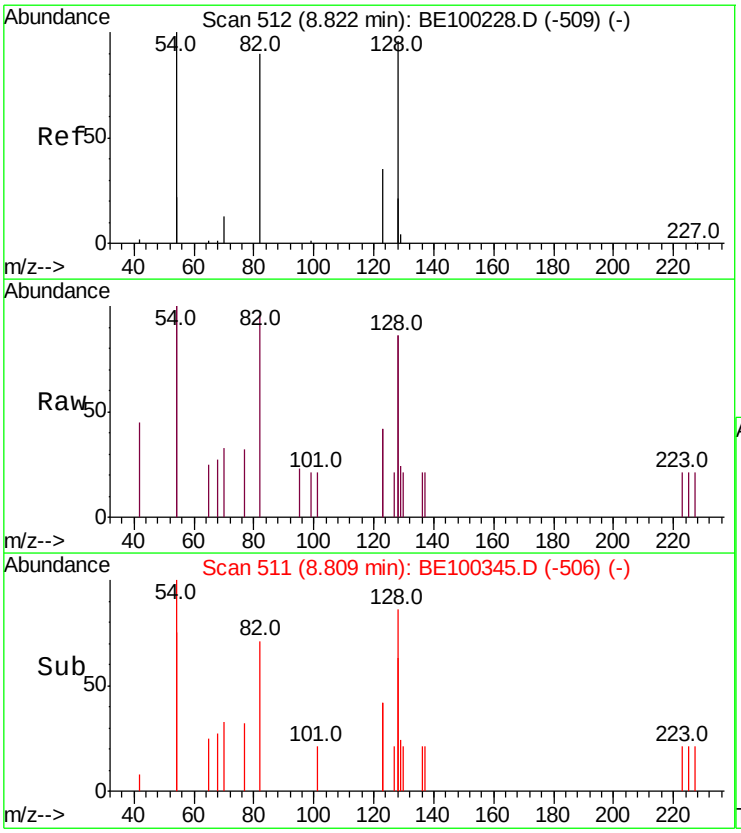
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1868

Ion	Ratio	Lower	Upper
136	100		
137	17.0	11.8	17.8
54	42.7	27.7	41.5#
68	10.3	6.8	10.2#

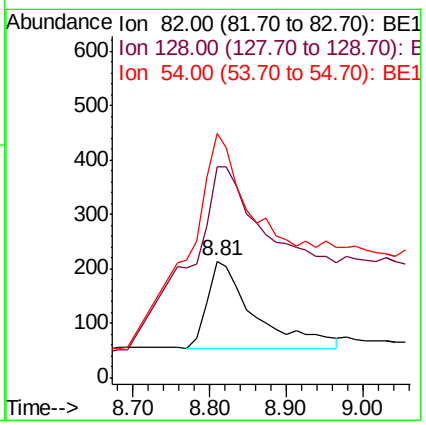


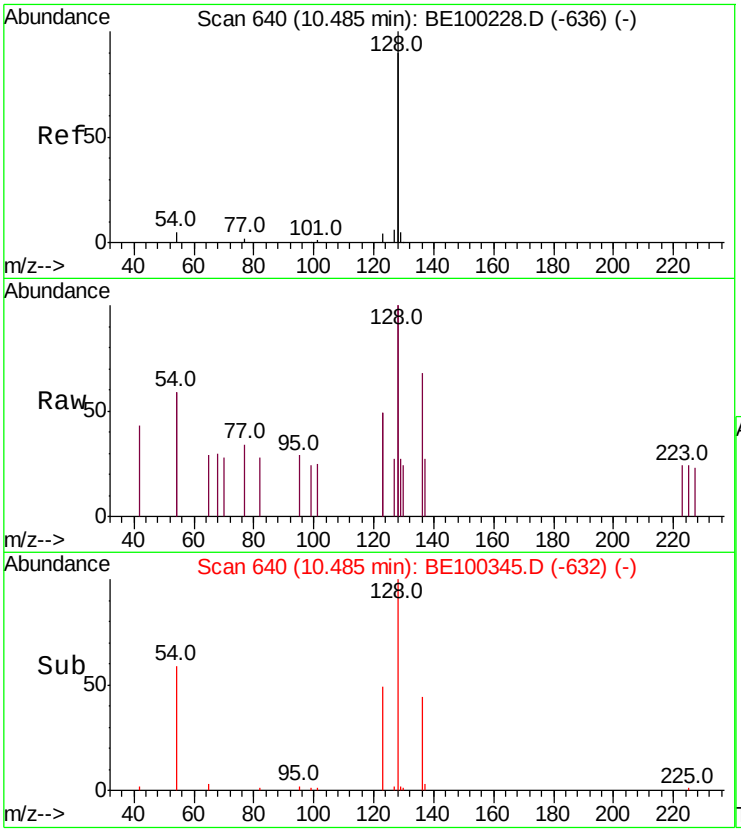


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion: 82 Resp: 692

Ion	Ratio	Lower	Upper
82	100		
128	180.4	140.9	211.3
54	209.3	146.2	219.2



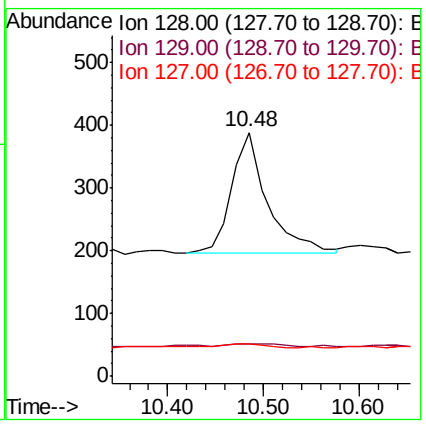


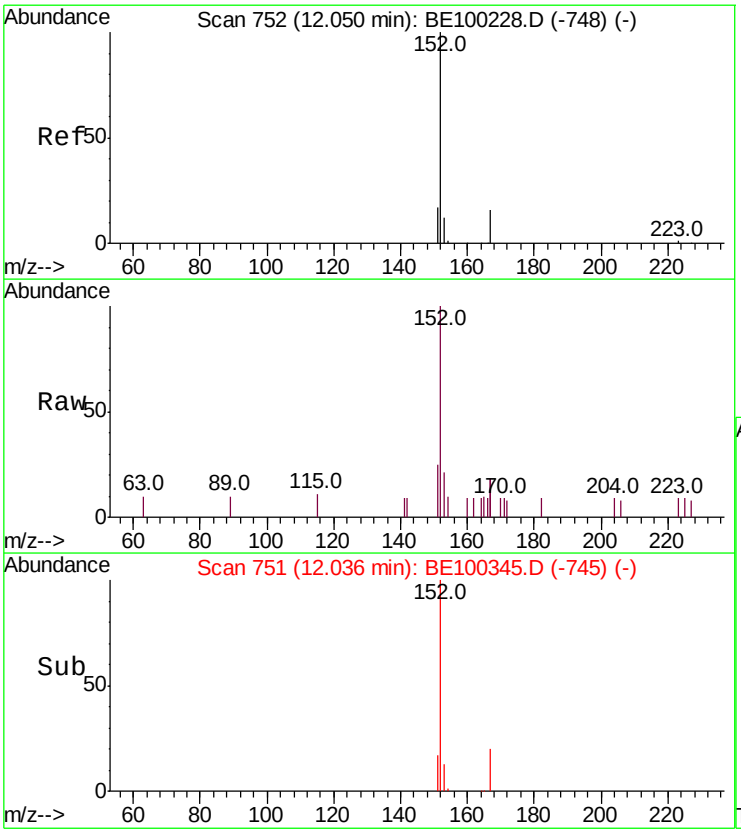
#9
Naphthalene
Concen: 0.024 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 496

Ion	Ratio	Lower	Upper
128	100		
129	13.4	3.0	4.6#
127	13.4	3.5	5.3#

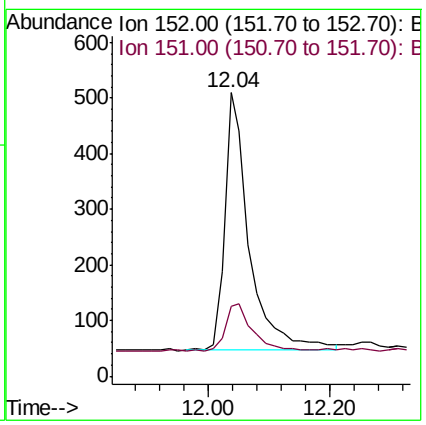


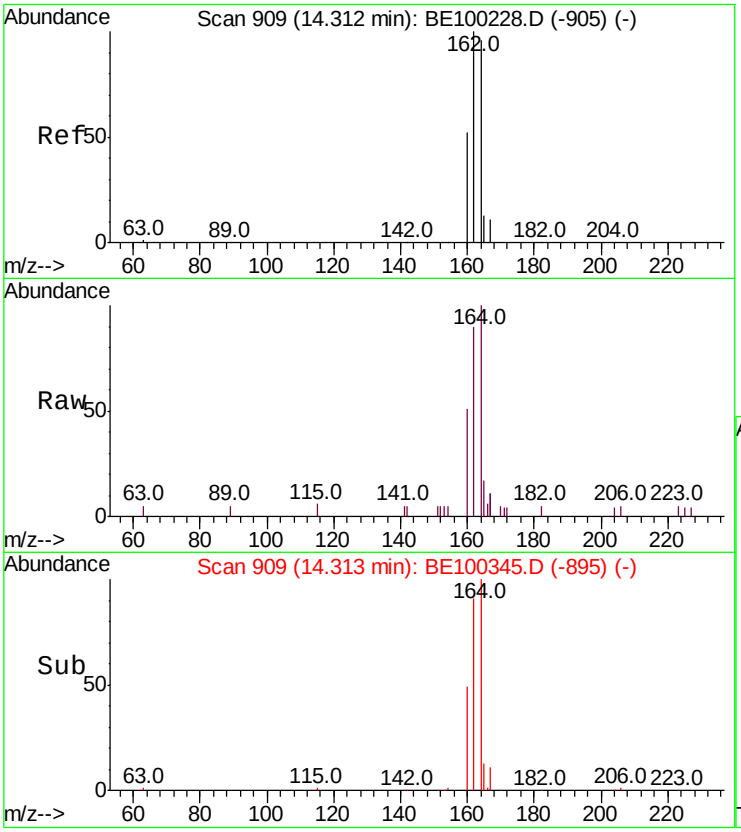


#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:152 Resp: 1299

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7



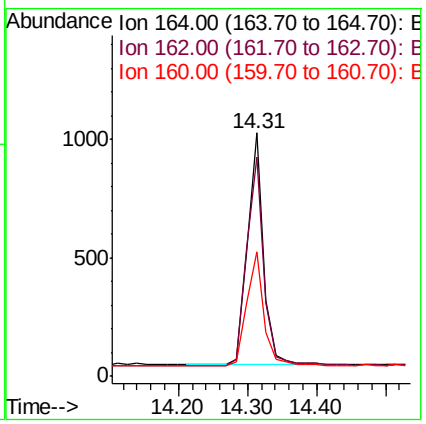


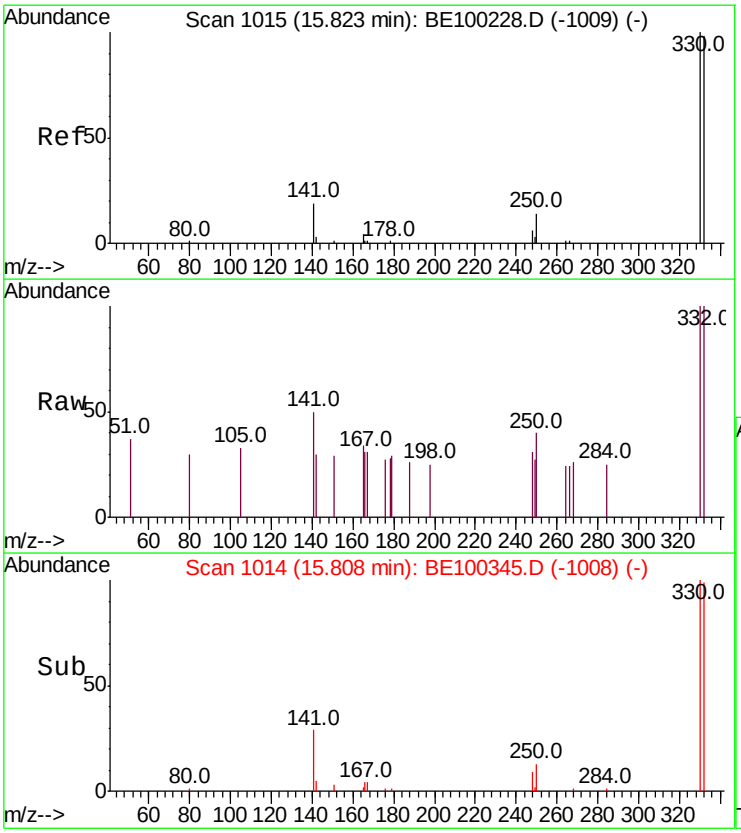
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1598

Ion	Ratio	Lower	Upper
164	100		
162	90.3	83.4	125.0
160	51.3	45.0	67.6

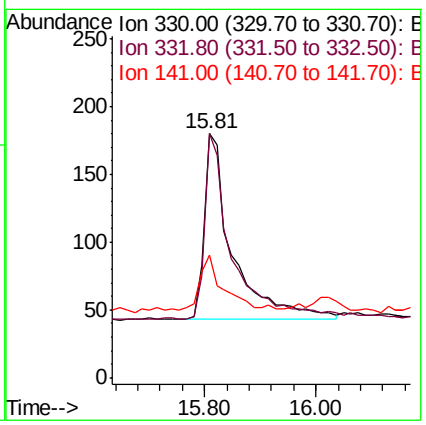


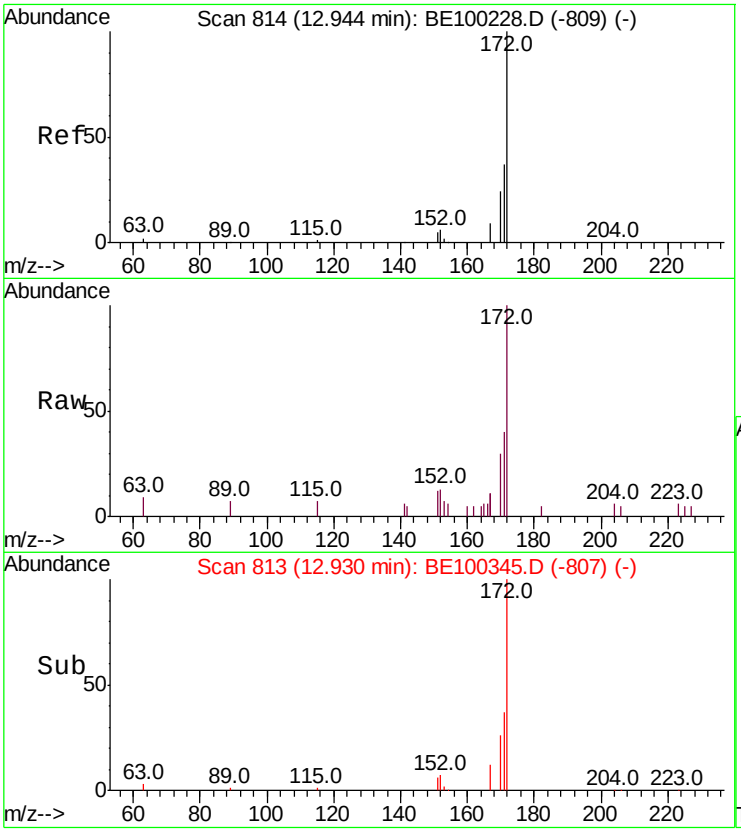


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:330 Resp: 485

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.4
141	23.1	22.0	33.0



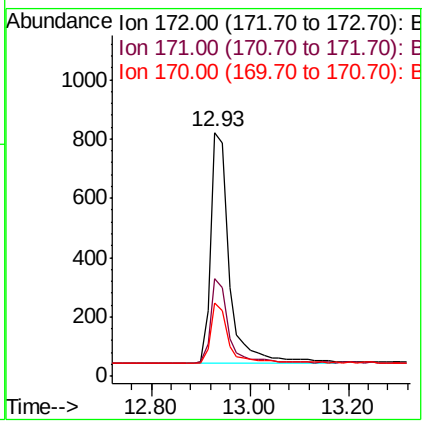


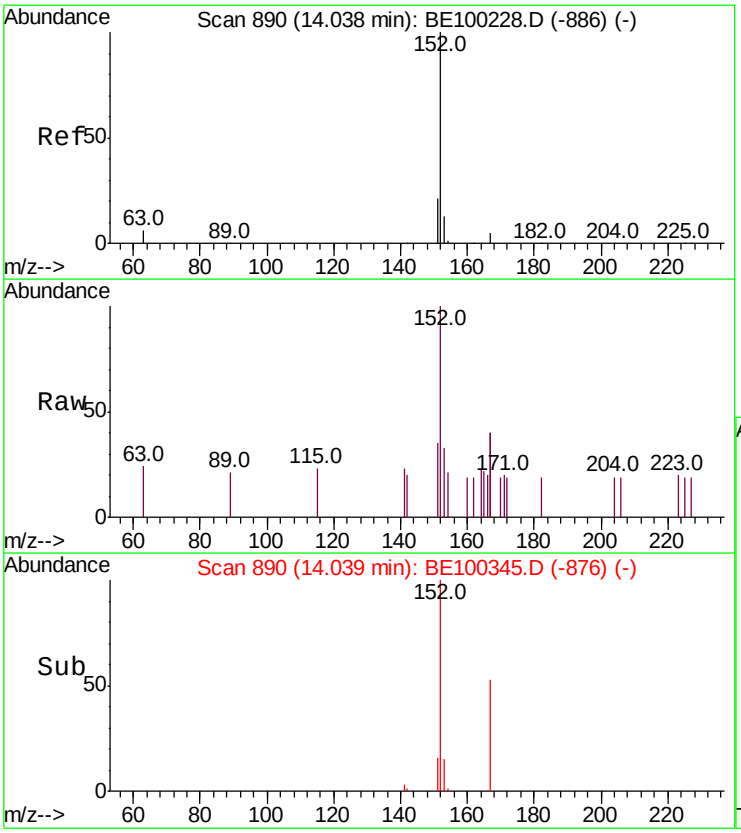
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2030

Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.9	47.9
170	30.3	22.2	33.2

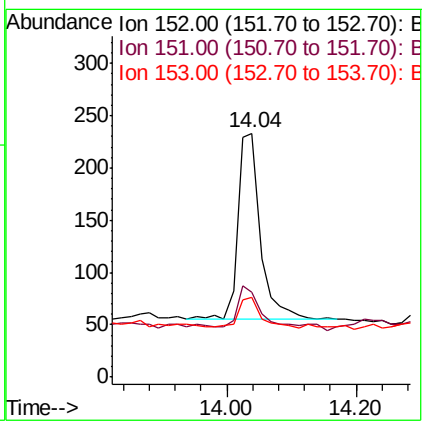


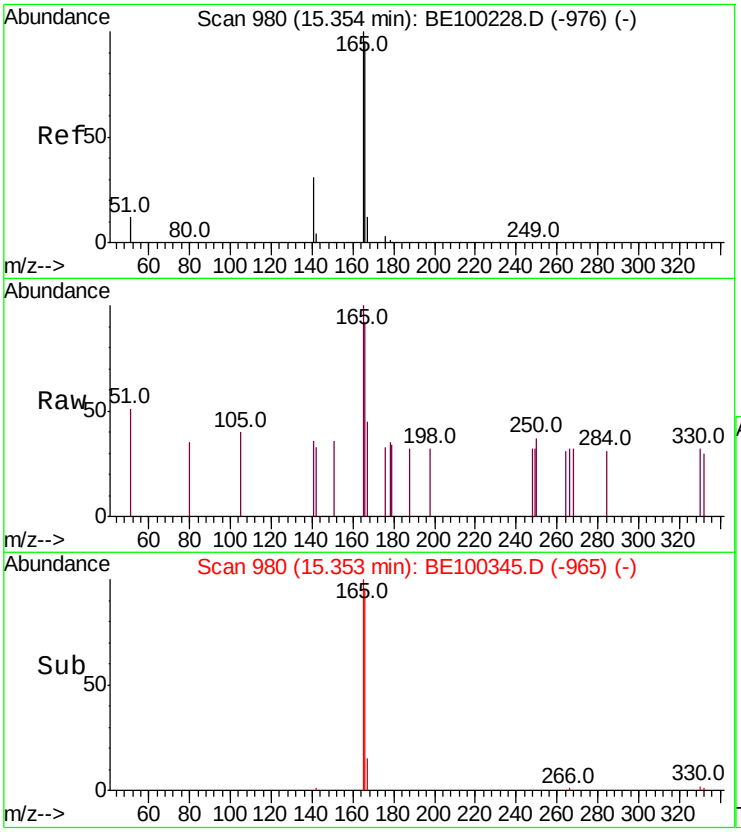


#16
Acenaphthylene
Concen: 0.056 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:152 Resp: 431

Ion	Ratio	Lower	Upper
152	100		
151	26.9	16.6	25.0#
153	16.0	10.5	15.7#



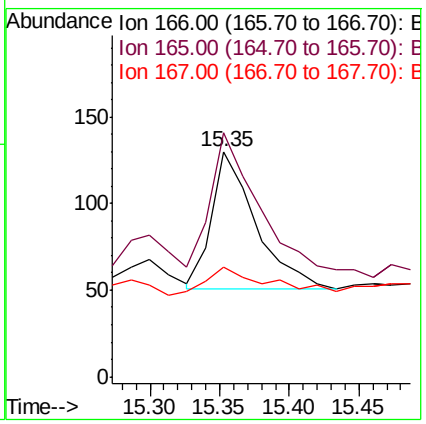


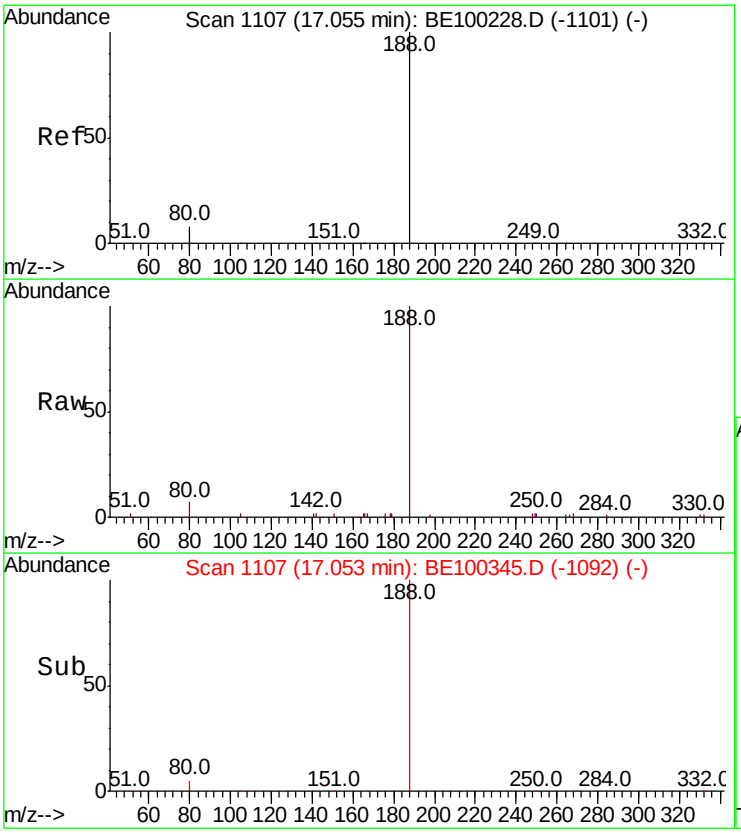
#18
Fluorene
Concen: 0.027 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 172

Ion	Ratio	Lower	Upper
166	100		
165	124.4	81.1	121.7#
167	29.7	10.7	16.1#

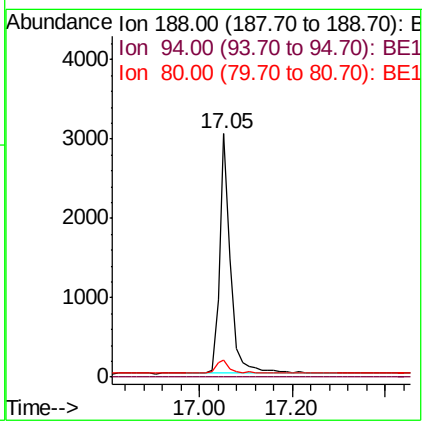


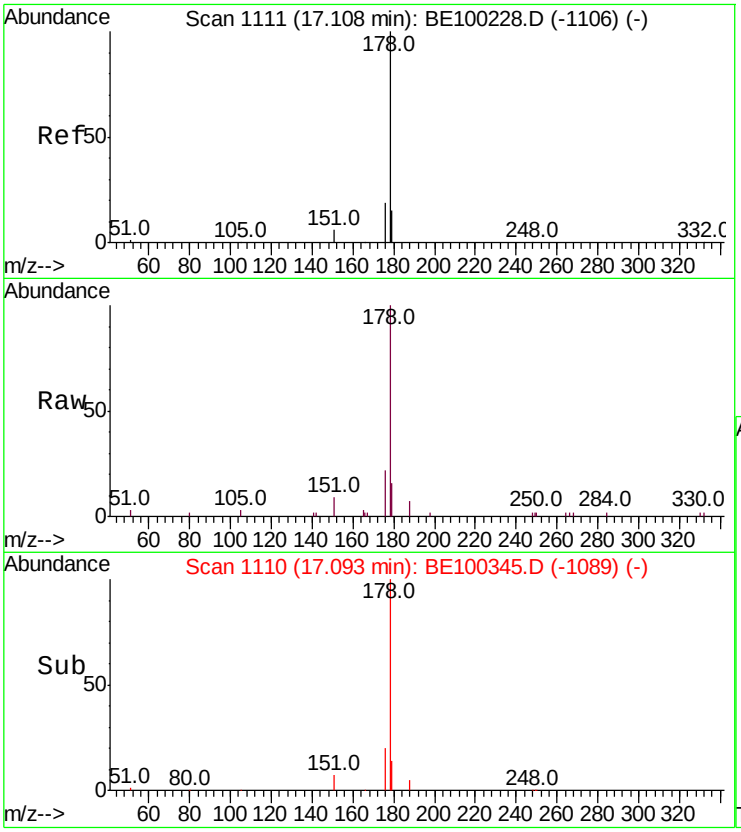


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:188 Resp: 5074

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	7.6	11.4#



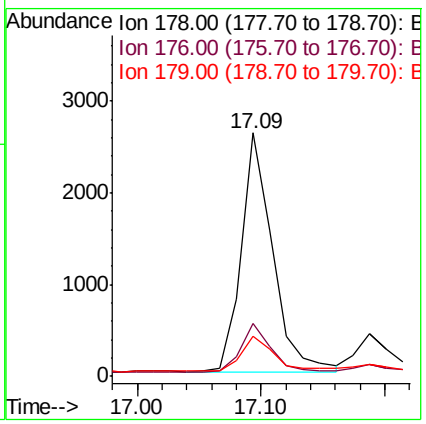


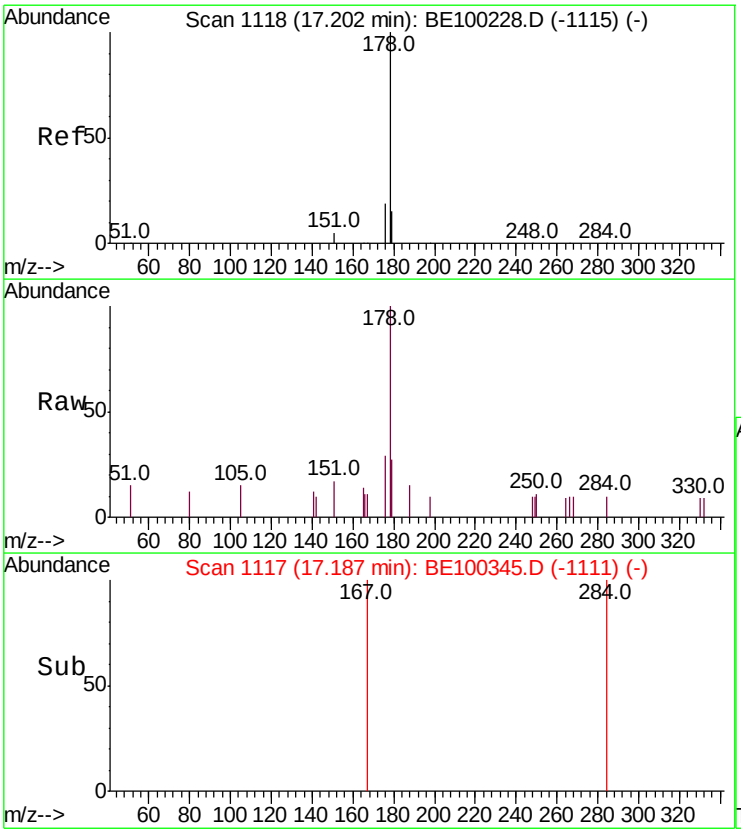
#23
Phenanthrene
Concen: 0.370 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4545

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.0	12.2	18.2

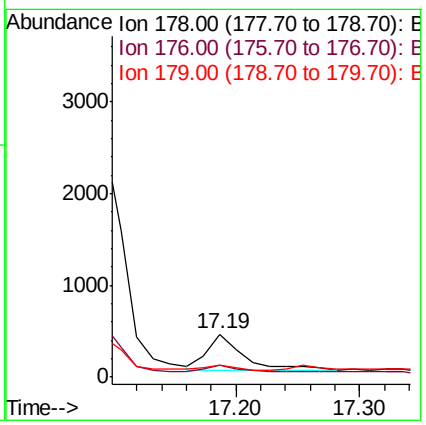


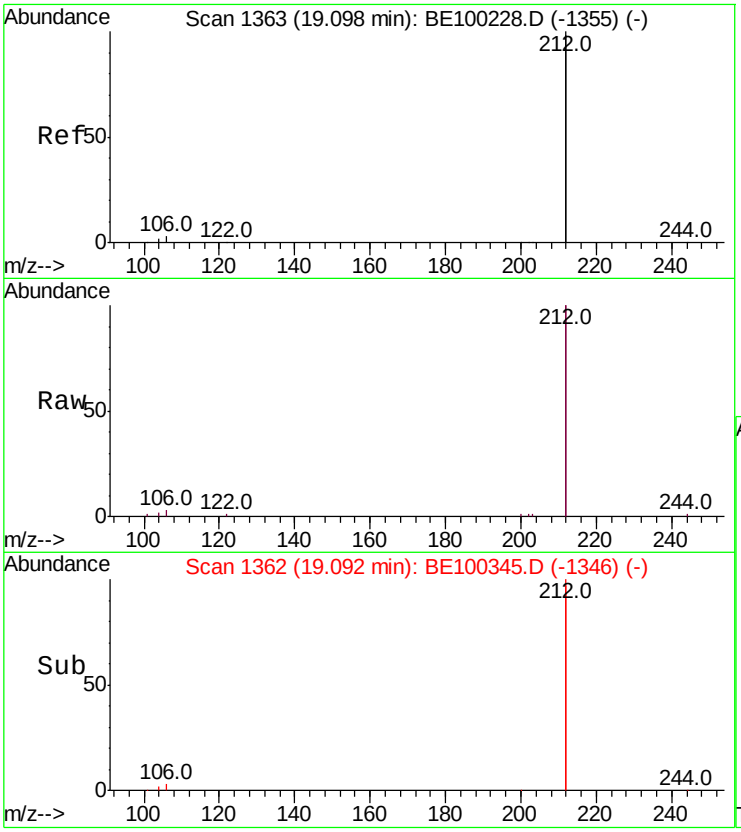


#24
Anthracene
Concen: 0.068 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:178 Resp: 751

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.3	22.9
179	12.6	12.2	18.2



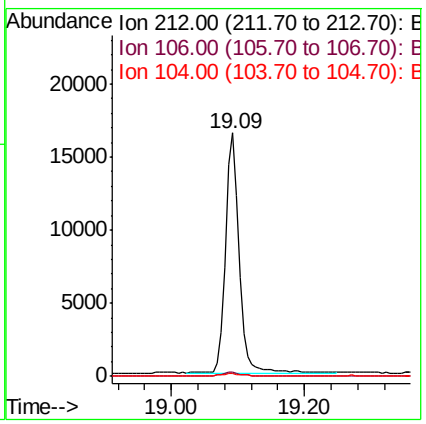


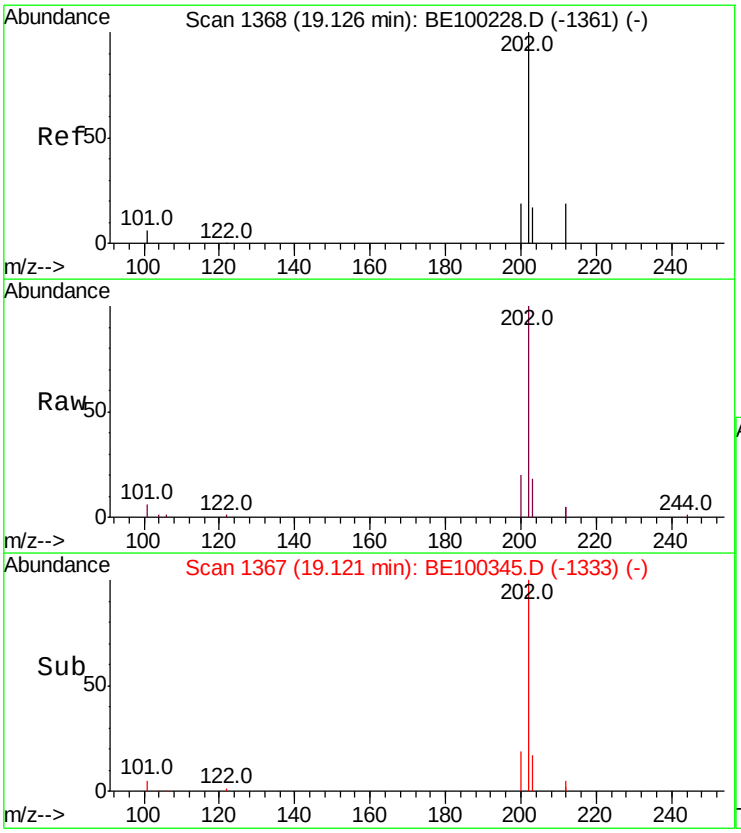
#25
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 23226

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	0.8	1.2

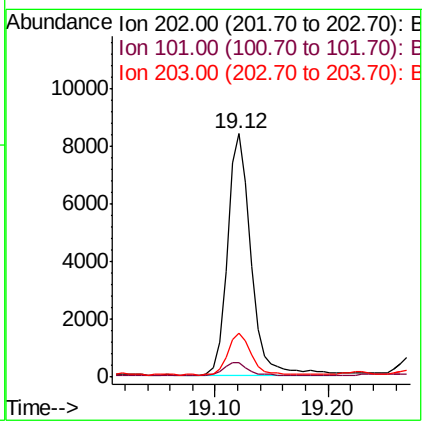


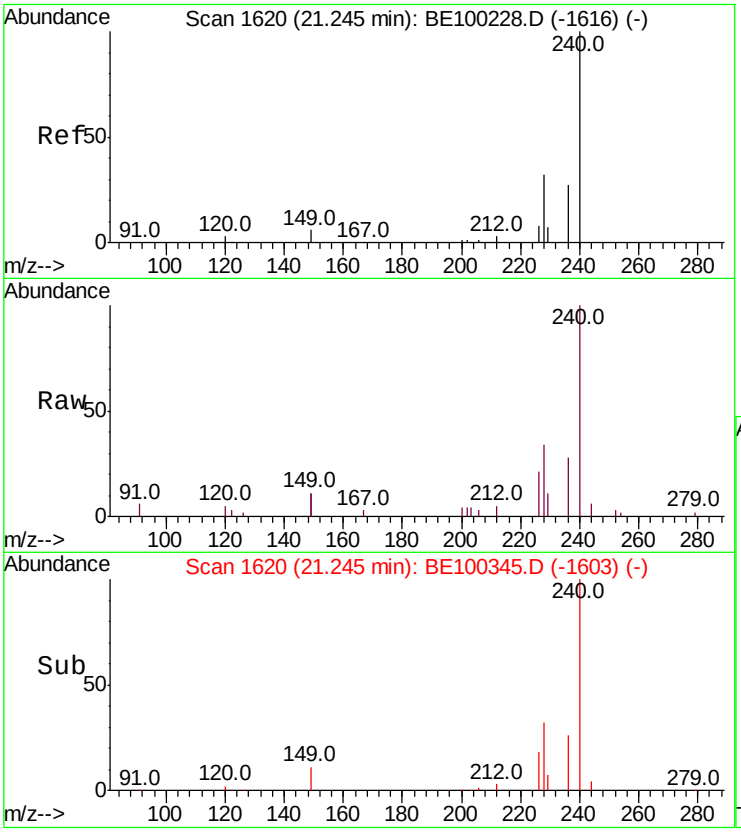


#26
Fluoranthene
Concen: 0.621 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:202 Resp: 12158

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	17.2	13.7	20.5



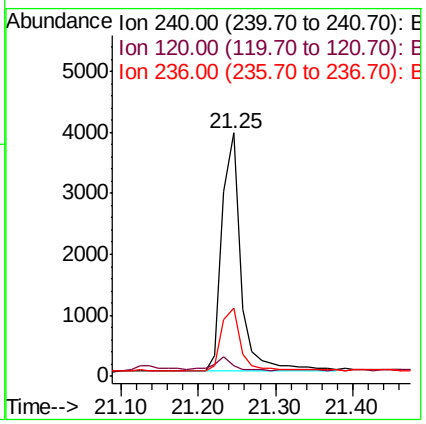


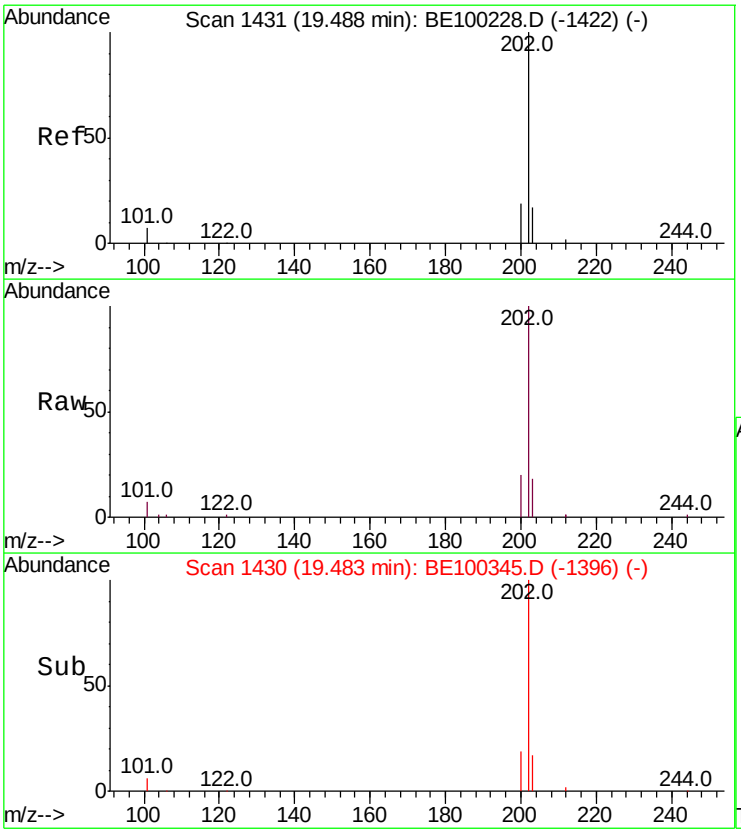
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6706

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.3	4.9
236	28.1	22.6	34.0

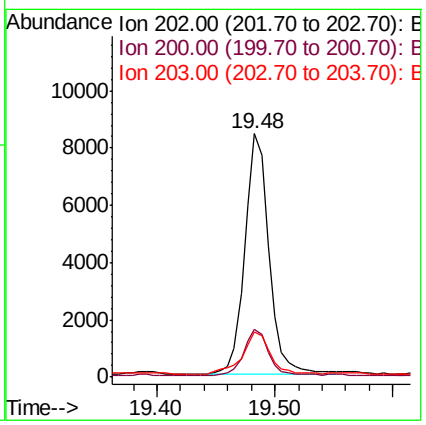


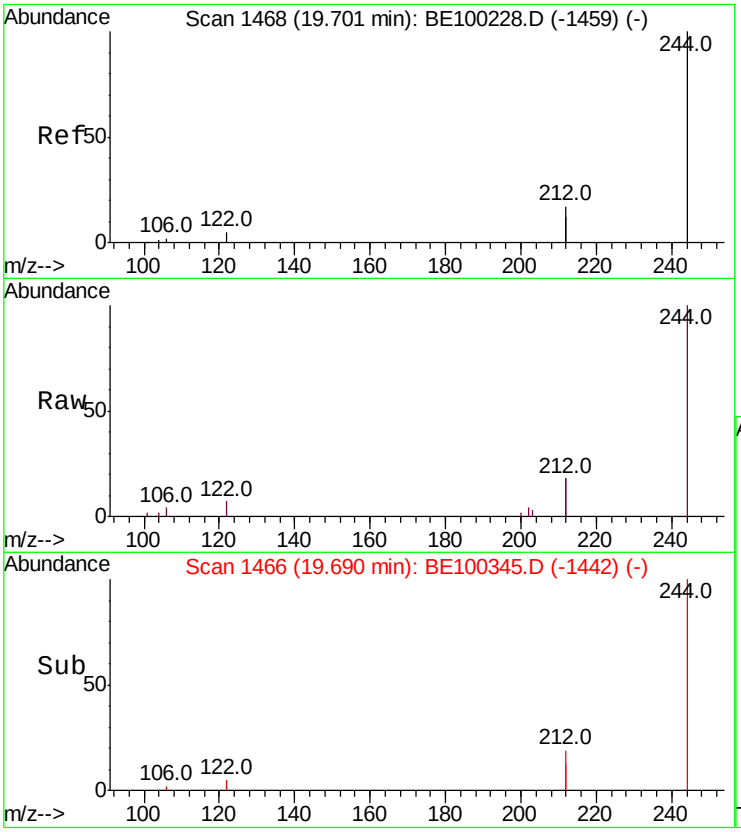


#28
Pyrene
Concen: 0.672 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:202 Resp: 11929

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	20.1	14.0	21.0



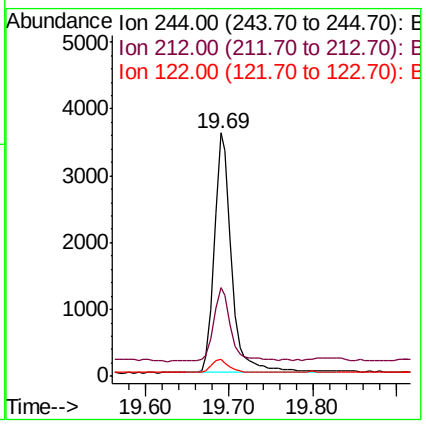


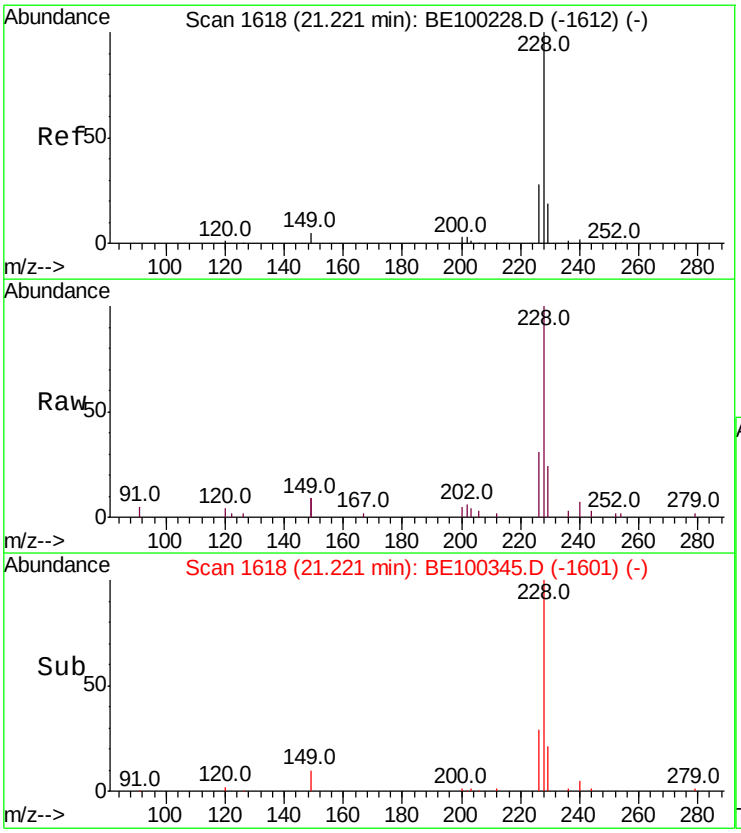
#29
Terphenyl-d14
Concen: 0.374 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5195

Ion	Ratio	Lower	Upper
244	100		
212	36.5	27.3	40.9
122	7.1	4.7	7.1

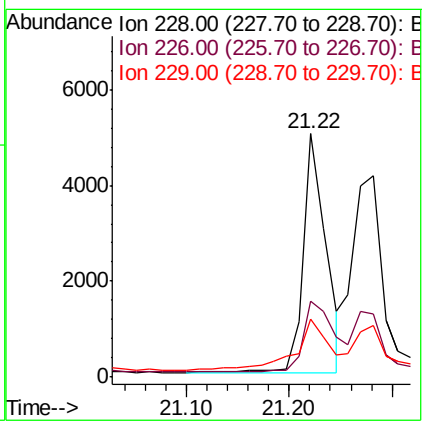


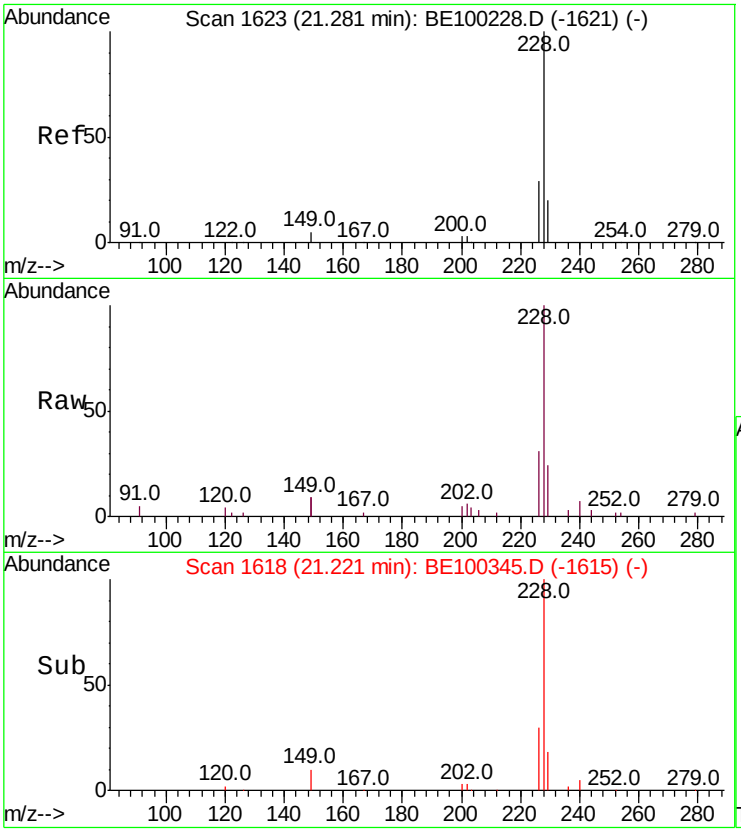


#30
Benzo(a)anthracene
Concen: 0.349 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:228 Resp: 7689

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.2	34.8
229	23.9	15.7	23.5#



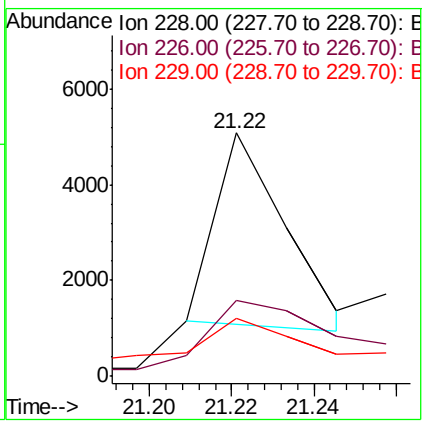


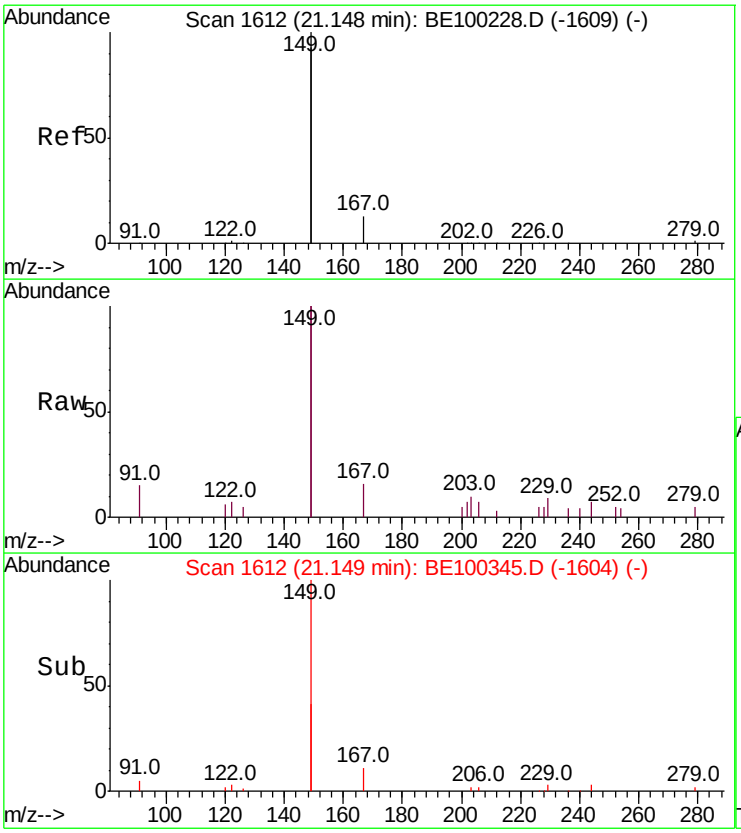
#31
Chrysene
Concen: 0.210 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.06 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4645

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	23.9	16.5	24.7

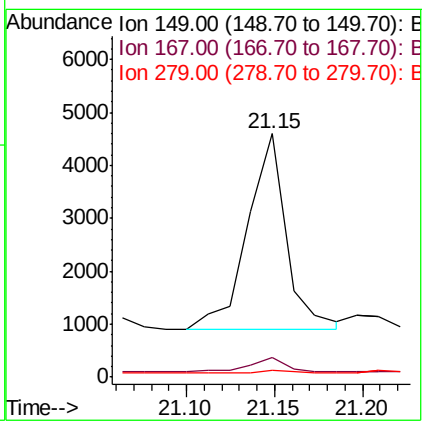


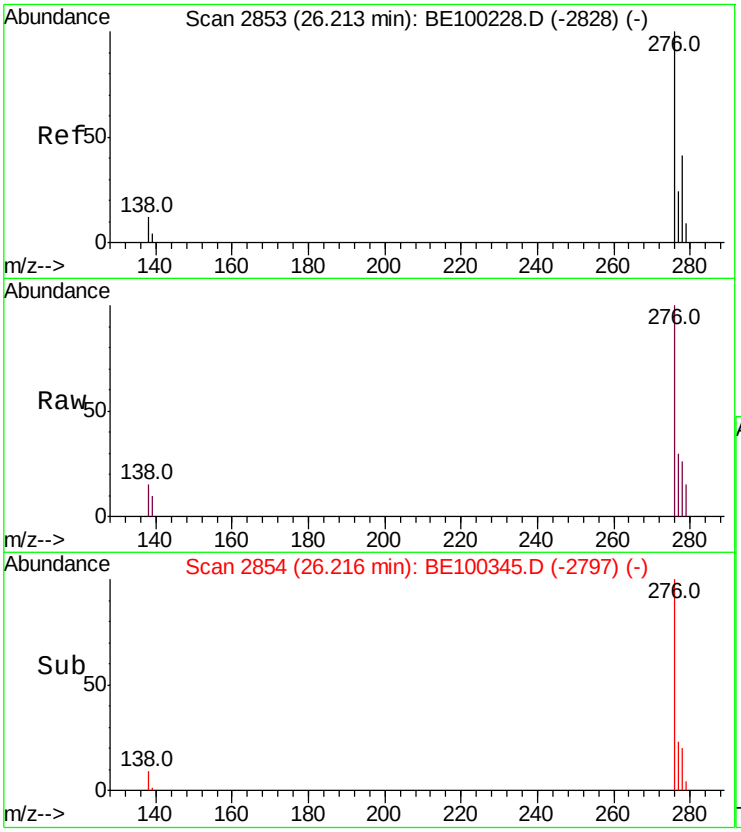


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.125 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:149 Resp: 5685

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.8	8.8
279	1.2	1.1	1.7



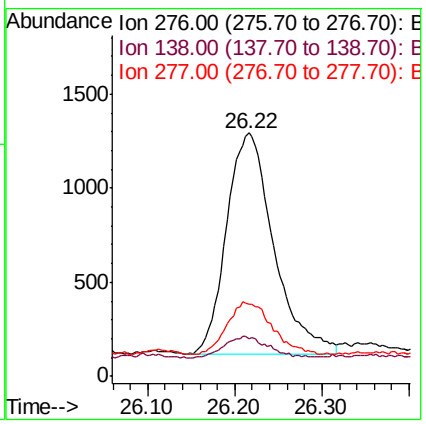


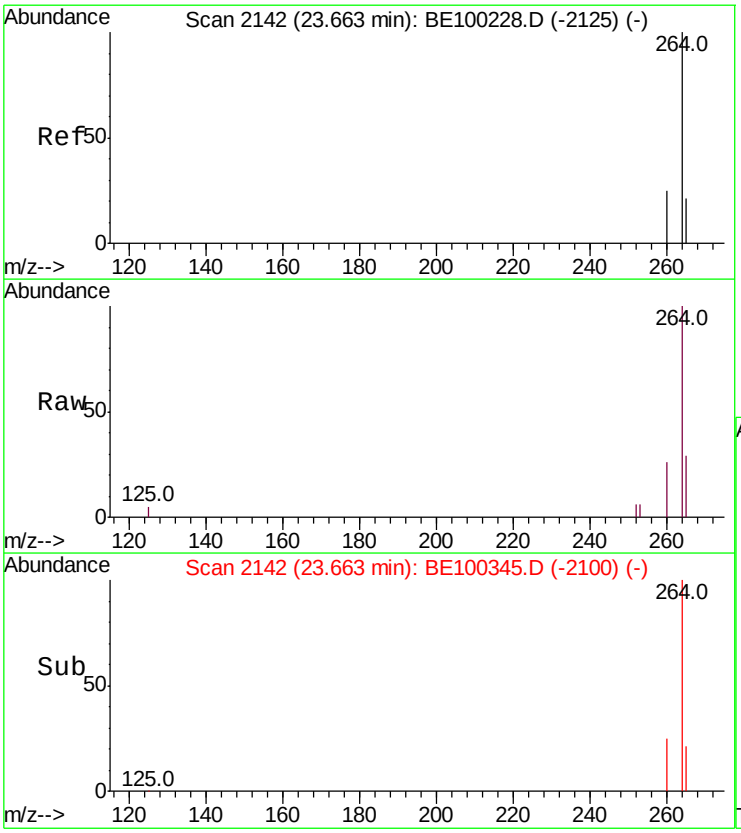
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.152 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4456

Ion	Ratio	Lower	Upper
276	100		
138	9.7	9.4	14.0
277	22.4	19.2	28.8

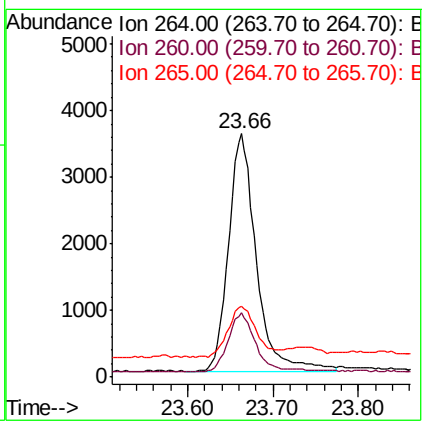


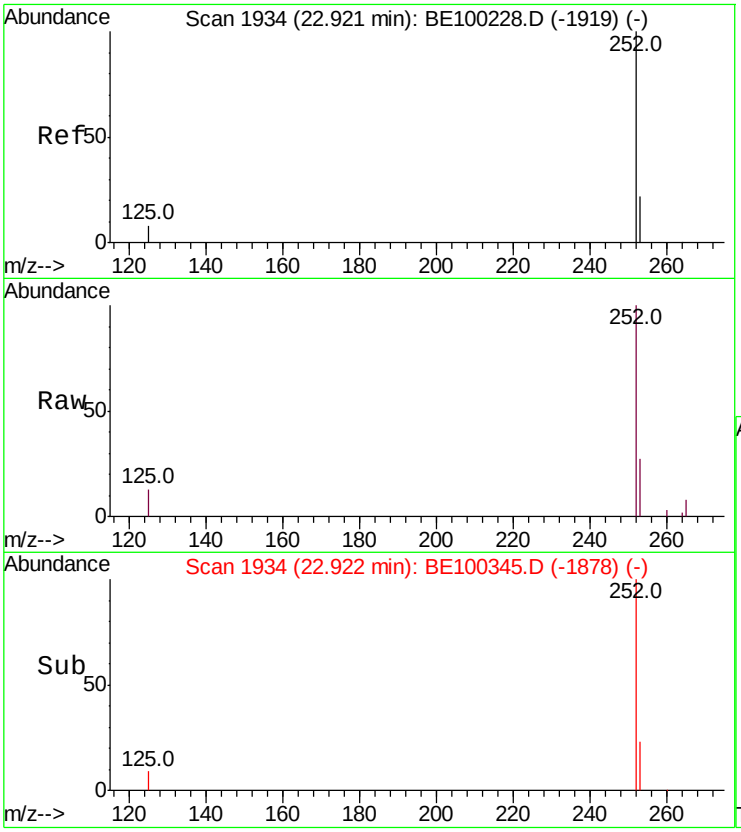


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:264 Resp: 8080

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.8	31.2
265	28.9	21.8	32.6



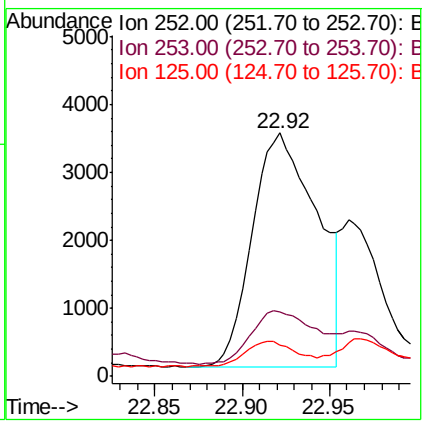


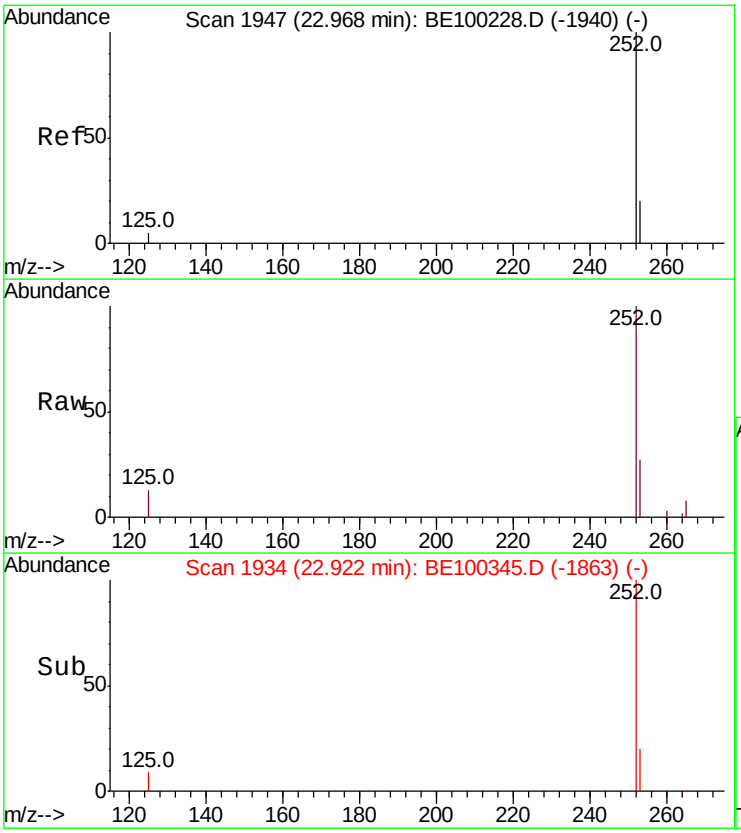
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8890

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.2	28.8
125	12.9	7.4	11.0#

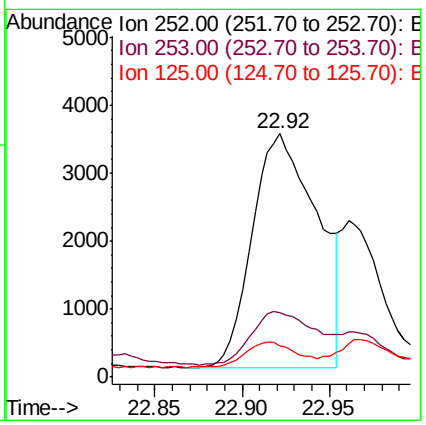


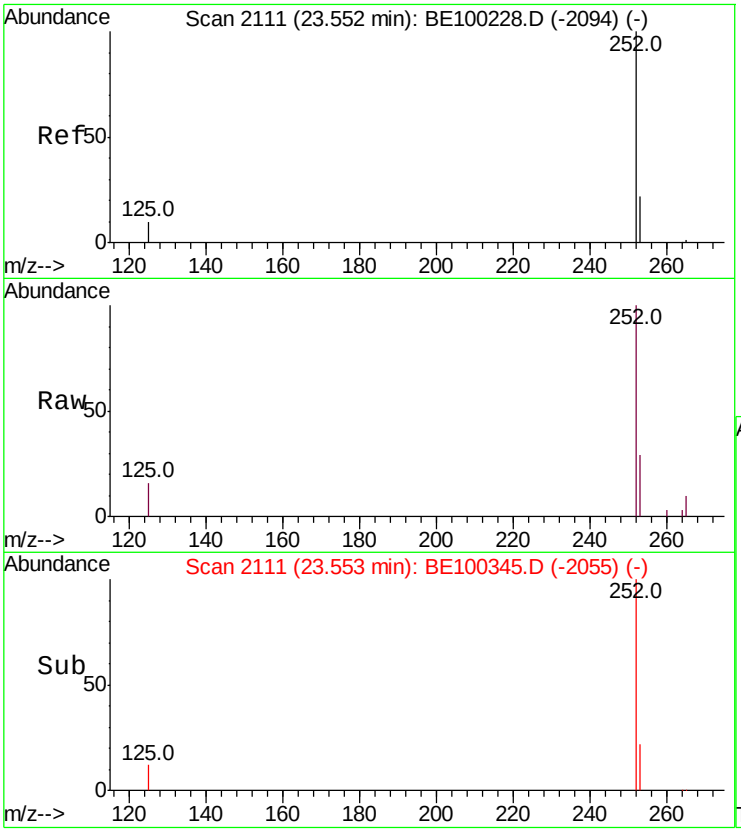


#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.05 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:252 Resp: 8890

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	12.9	5.0	7.4#



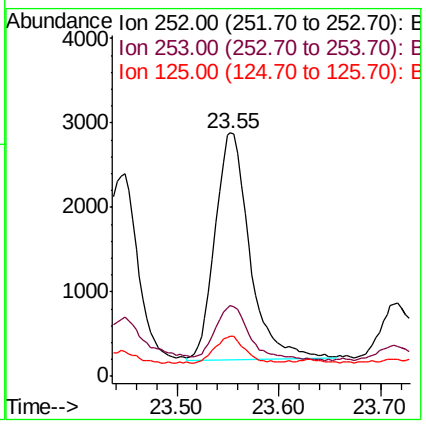


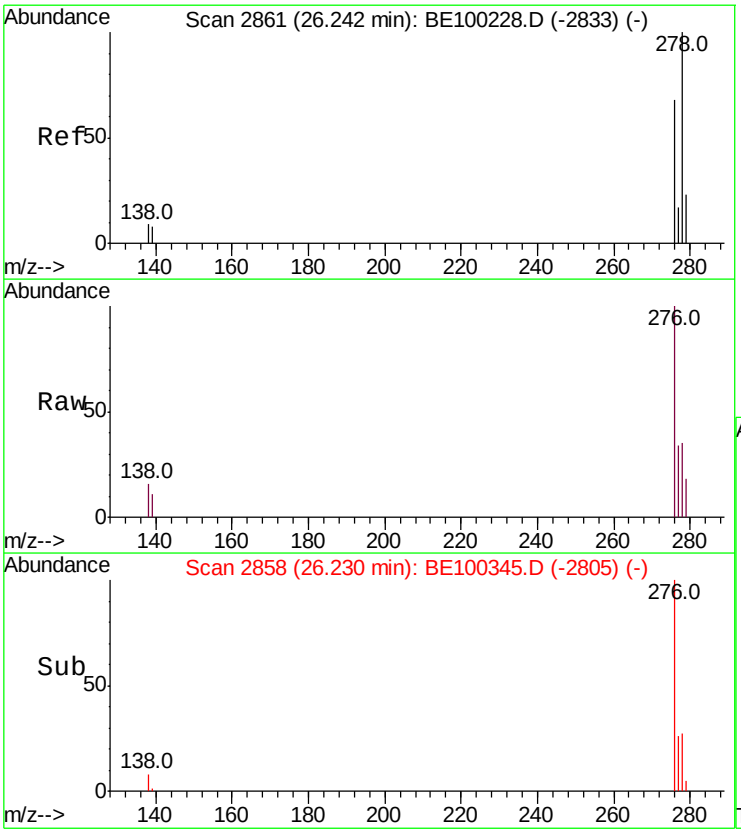
#37
Benzo(a)pyrene
Concen: 0.289 ng
RT: 23.55 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6336

Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.6	29.4
125	16.4	9.0	13.6#

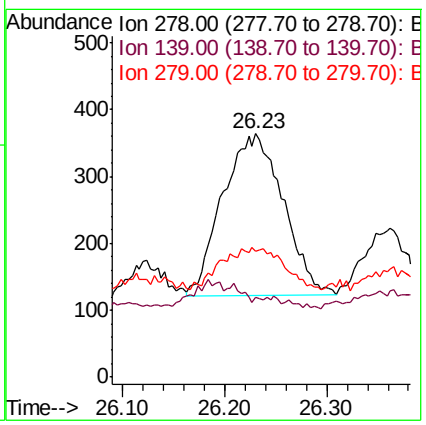


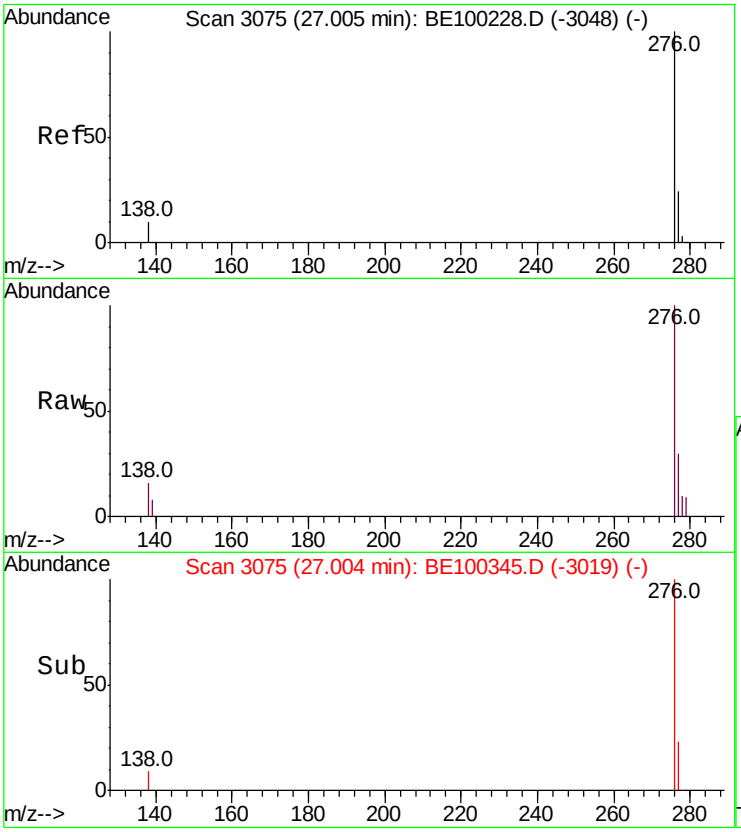


#38
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Tgt Ion:278 Resp: 991

Ion	Ratio	Lower	Upper
278	100		
139	32.7	8.2	12.2#
279	51.9	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.191 ng
RT: 27.00 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BE100345.D
Acq: 4 Jul 2019 1:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4503

Ion	Ratio	Lower	Upper
276	100		
277	29.6	20.2	30.2
138	15.7	9.0	13.6#