Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100231.D
Acq On : 28 Jun 2019 12:13
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 13:01:21 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	569	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	1977	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1575	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	4860	0.40	ng		0.00
27) Chrysene-d12	21.24	240	7239	0.40	ng		0.00
34) Perylene-d12	23.66	264	8494	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	4680	3.70	ng		0.00
5) Phenol-d6	6.81	99	6515	3.74	ng		-0.02
8) Nitrobenzene-d5	8.80	82	7061	3.59	ng		-0.03
11) 2-Methylnaphthalene-d10	12.04	152	11963	3.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	4022	4.41	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	19260	3.05	ng		-0.01
25) Fluoranthene-d10	19.09	212	225830	3.22	ng		0.00
29) Terphenyl-d14	19.69	244	48450	3.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	2485	2.791	ng		96
3) n-Nitrosodimethylamine	3.43	42	1630	4.947	ng	#	82
6) bis(2-Chloroethyl)ether	7.07	93	5646	3.544	ng	#	75
9) Naphthalene	10.48	128	69350	3.214	ng	#	97
10) Hexachlorobutadiene	10.76	225	6709	3.011	ng		97
12) 2-Methylnaphthalene	12.11	142	12095	3.482	ng		96
16) Acenaphthylene	14.04	152	24654	3.210	ng		99
17) Acenaphthene	14.38	154	13848	3.217	ng		99
18) Fluorene	15.35	166	20814	3.344	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	10005	3.317	ng		90
21) Hexachlorobenzene	16.36	284	10150	3.067	ng		96
22) Pentachlorophenol	16.72	266	3666	4.709	ng		90
23) Phenanthrene	17.09	178	38686	3.361	ng		99
24) Anthracene	17.19	178	36937	3.799	ng		100
26) Fluoranthene	19.12	202	60810	3.247	ng		100
28) Pyrene	19.49	202	62380	3.365	ng		100
30) Benzo(a)anthracene	21.22	228	78577	3.682	ng		98
31) Chrysene	21.28	228	76483	3.055	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	108645	4.429	ng		100
33) Indeno(1,2,3-cd)pyrene	26.21	276	99580	2.794	ng		99
35) Benzo(b)fluoranthene	22.92	252	78474	3.435	ng	#	94
36) Benzo(k)fluoranthene	22.97	252	83556	3.057	ng	#	99
37) Benzo(a)pyrene	23.55	252	75848	3.204	ng	#	92
38) Dibenzo(a,h)anthracene	26.23	278	81683	3.226	ng	#	95
39) Benzo(g,h,i)perylene	27.00	276	81259	3.074	ng		97

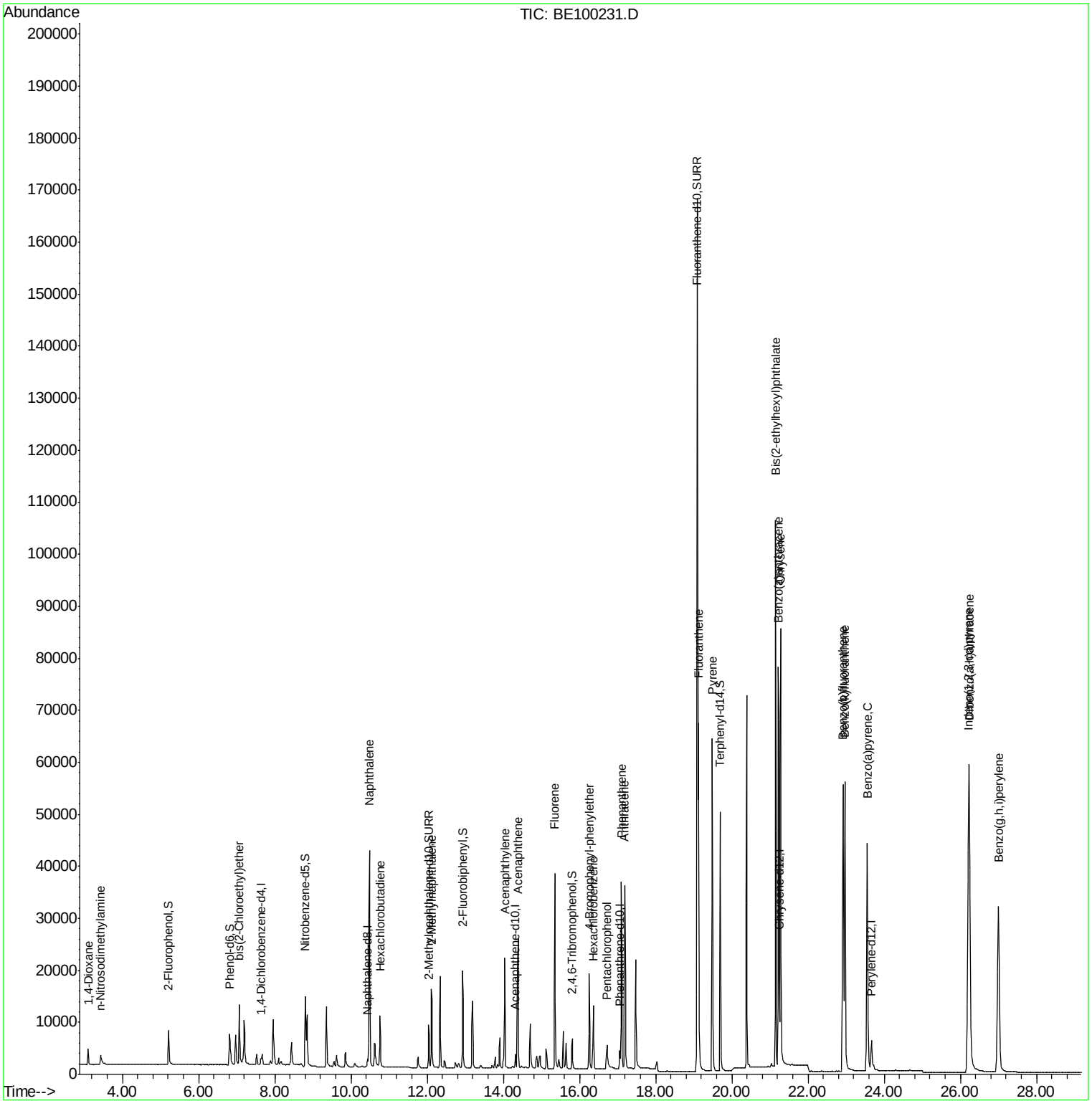
(#) = qualifier out of range (m) = manual integration (+) = signals summed

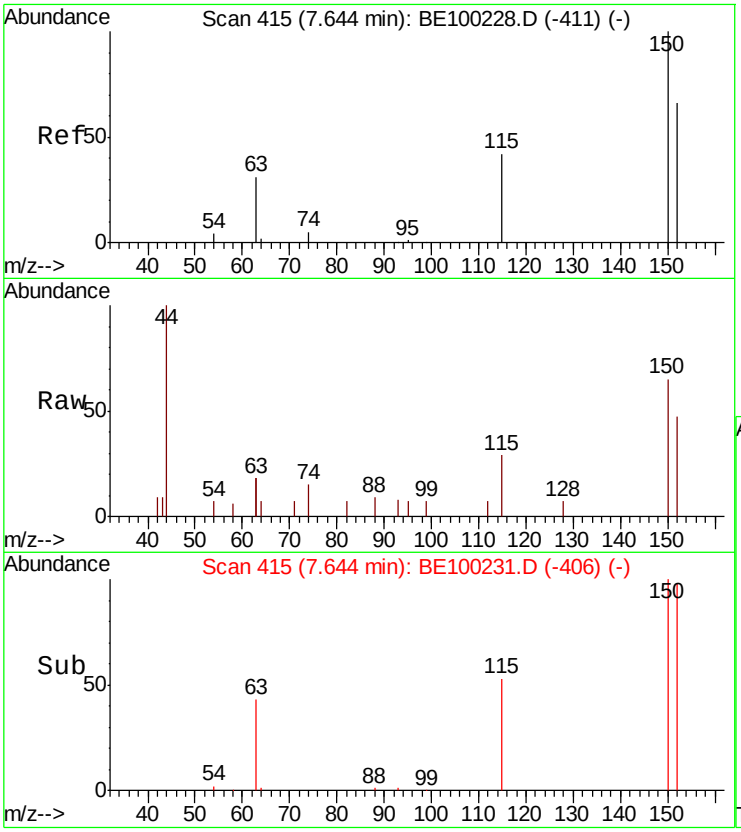
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100231.D
Acq On : 28 Jun 2019 12:13
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 13:01:21 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



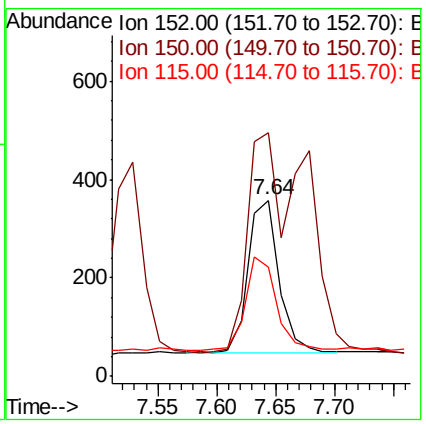


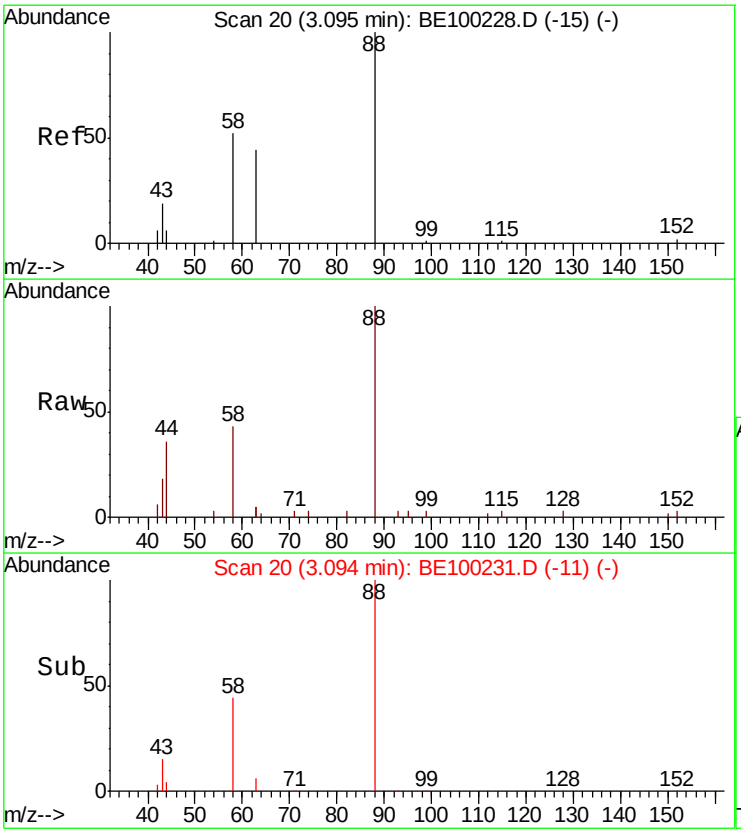
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 569

Ion	Ratio	Lower	Upper
152	100		
150	138.3	114.5	171.7
115	62.0	57.1	85.7

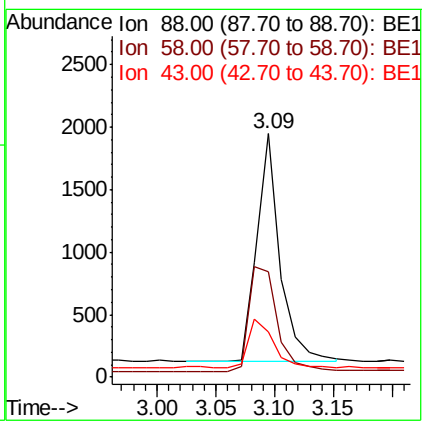


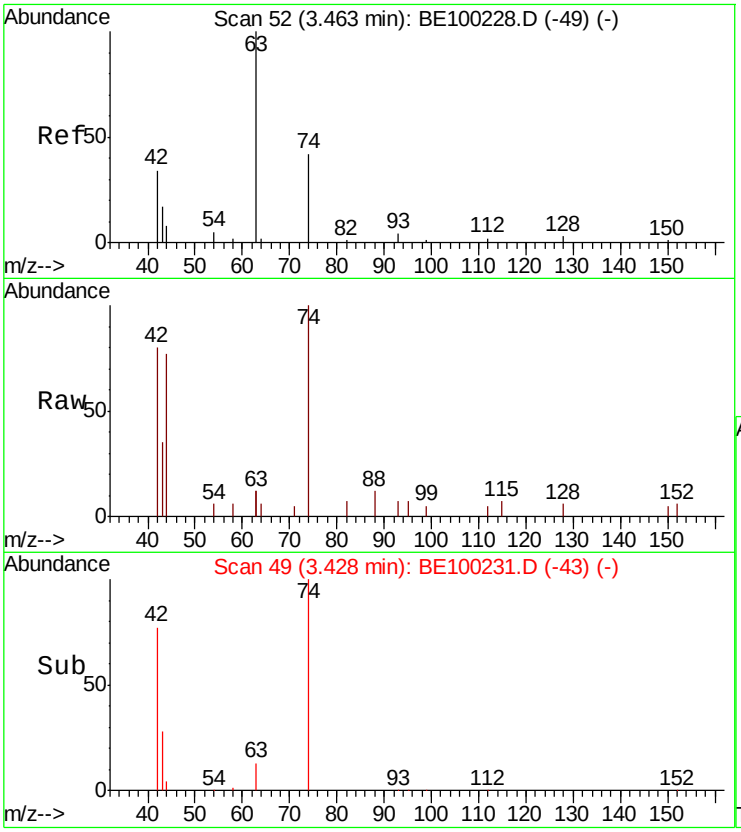


#2
1,4-Dioxane
Concen: 2.791 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion: 88 Resp: 2485

Ion	Ratio	Lower	Upper
88	100		
58	56.9	43.6	65.4
43	24.0	21.4	32.0

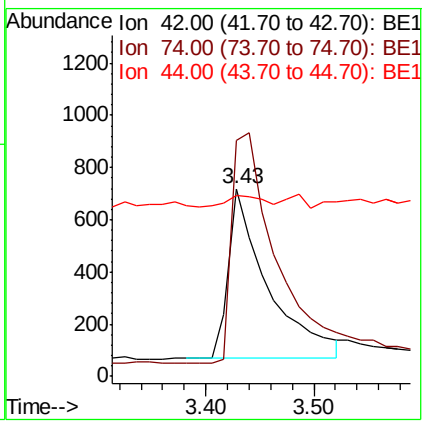




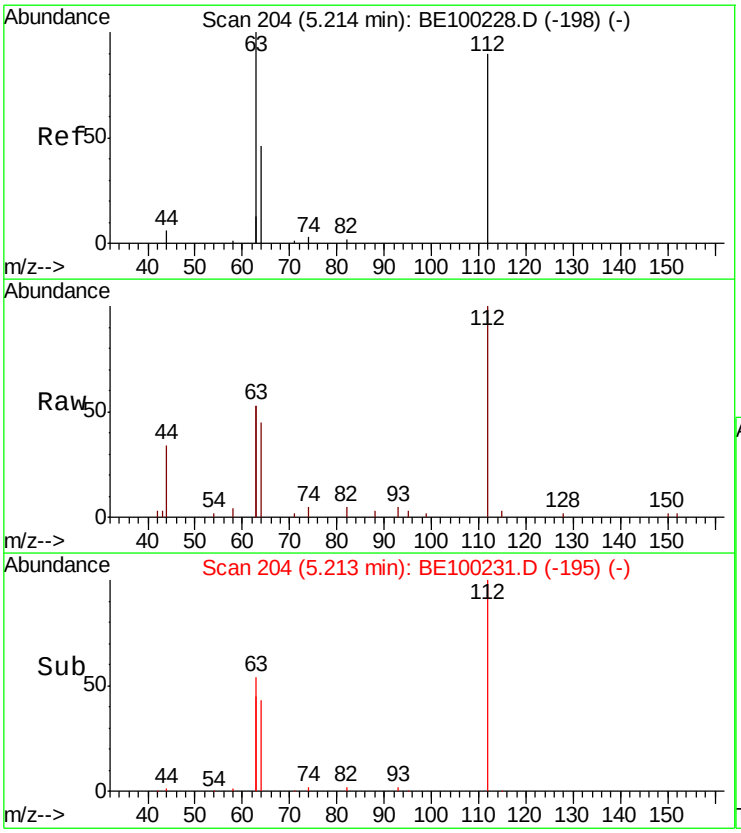
#3
n-Nitrosodimethylamine
Concen: 4.947 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.03 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion: 42 Resp: 1630

Ion	Ratio	Lower	Upper
42	100		
74	156.3	130.6	196.0
44	6.2	38.0	57.0#



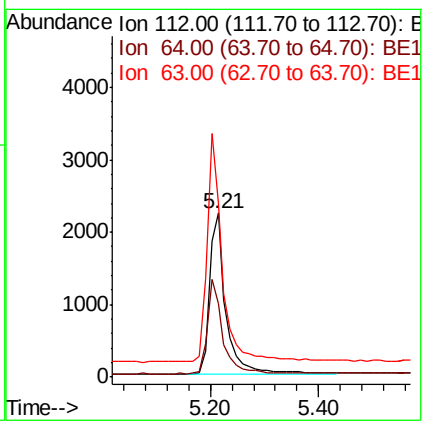
Instrument :
BNA_E
ClientSampleId :

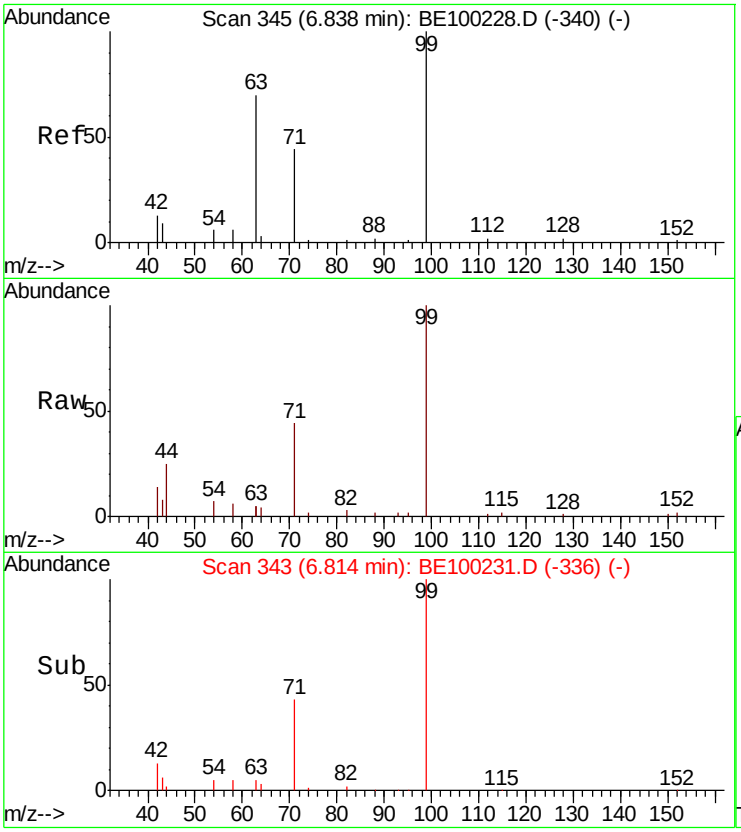


#4
2-Fluorophenol
Concen: 3.699 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:112 Resp: 4680

Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.4	59.0
63	129.7	104.5	156.7



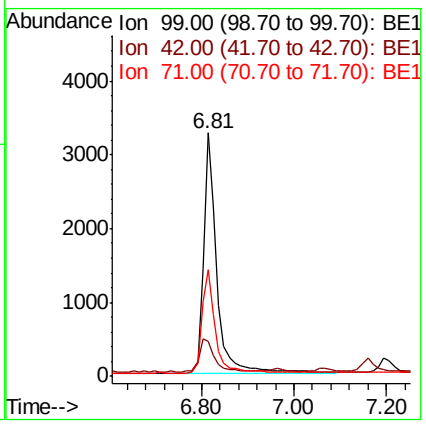


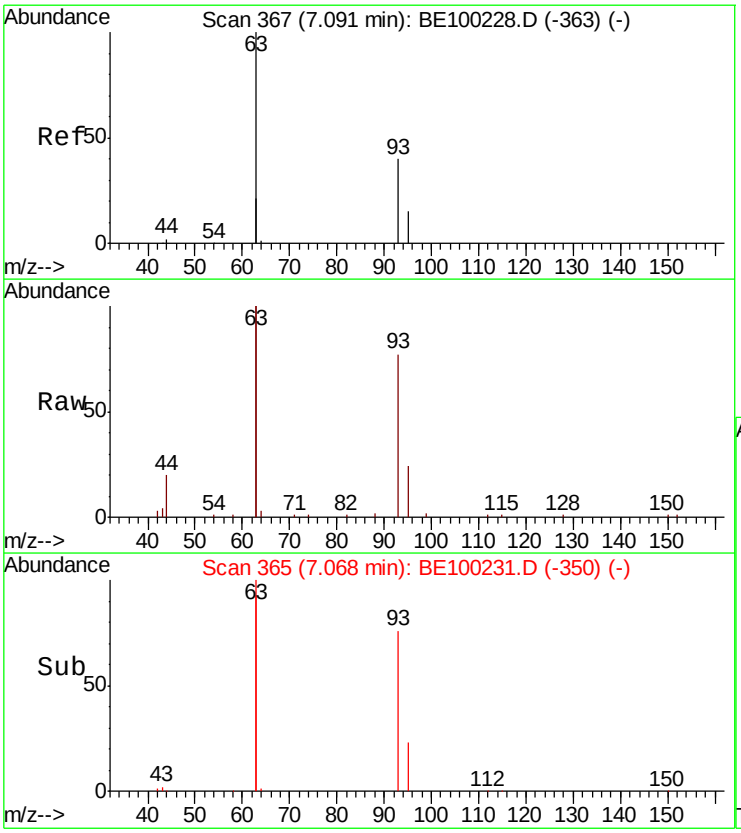
#5
Phenol-d6
Concen: 3.744 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6515

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.2	16.8
71	42.5	37.2	55.8

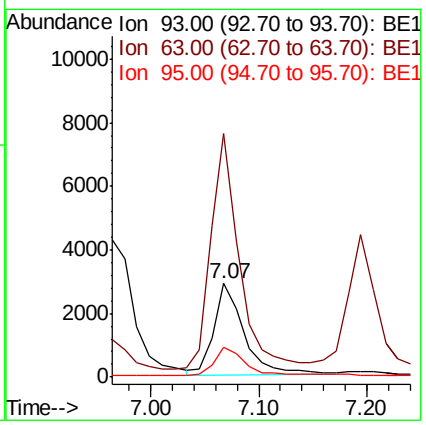


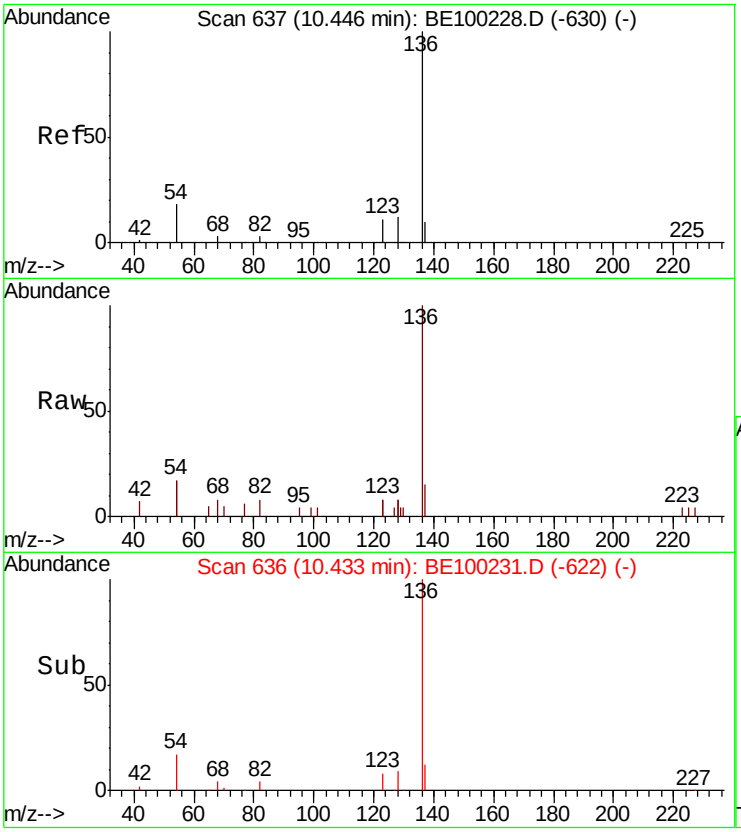


#6
bis(2-Chloroethyl)ether
Concen: 3.544 ng
RT: 7.07 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion: 93 Resp: 5646

Ion	Ratio	Lower	Upper
93	100		
63	235.8	155.6	233.4#
95	31.2	23.0	34.4



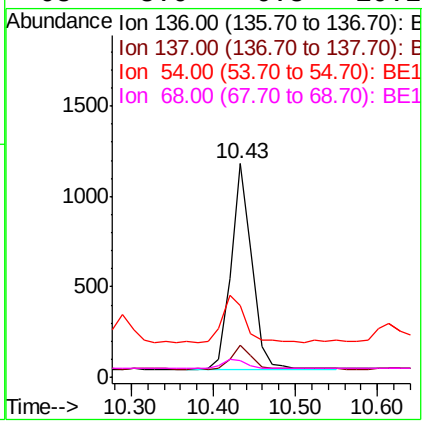


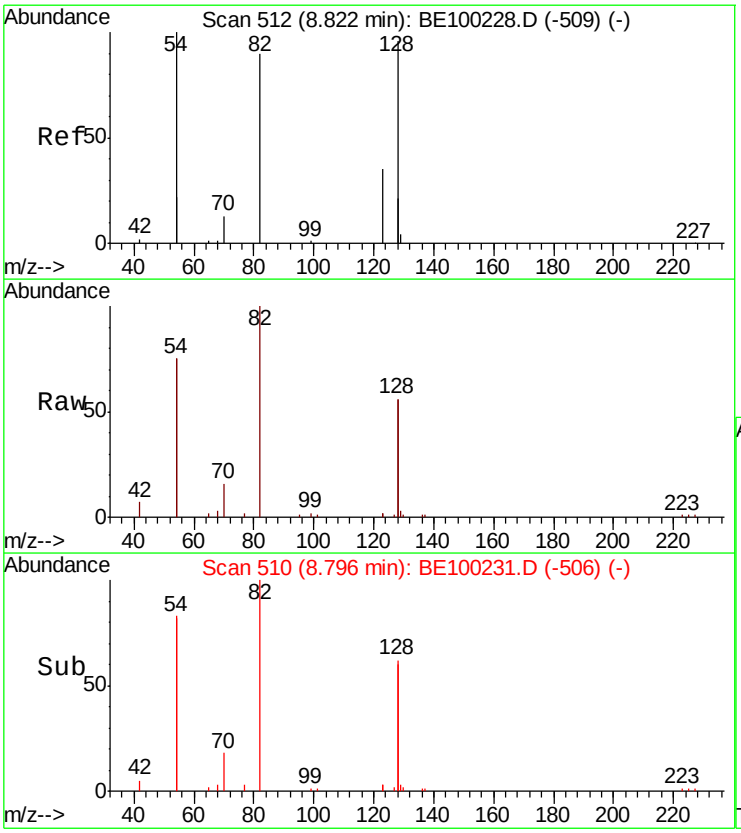
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1977

Ion	Ratio	Lower	Upper
136	100		
137	15.0	11.8	17.8
54	33.3	27.7	41.5
68	8.0	6.8	10.2

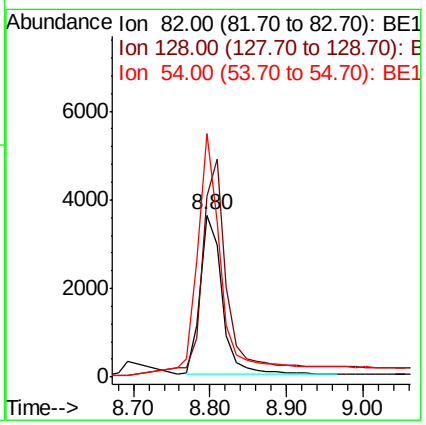


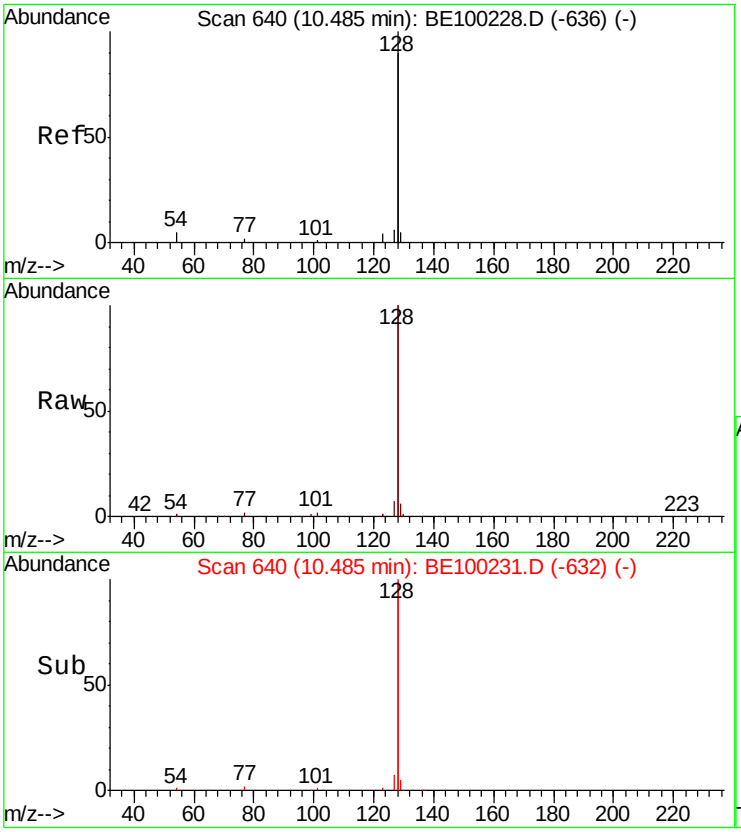


#8
Nitrobenzene-d5
Concen: 3.589 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion: 82 Resp: 7061

Ion	Ratio	Lower	Upper
82	100		
128	111.4	140.9	211.3#
54	150.4	146.2	219.2



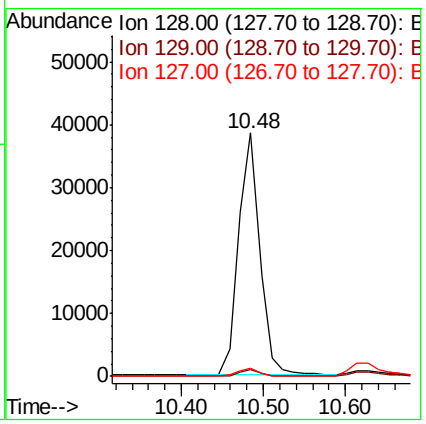


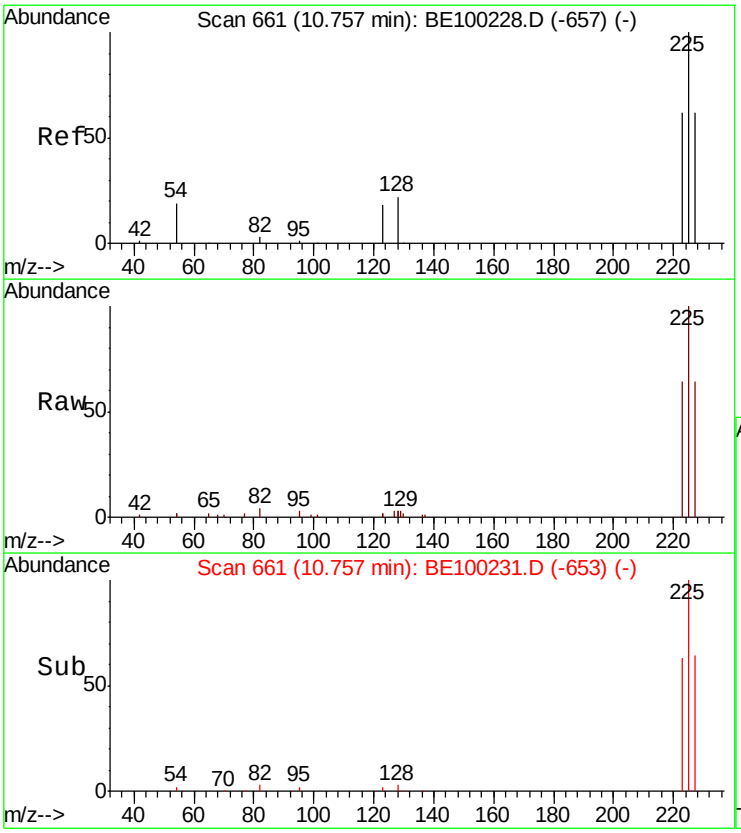
#9
Naphthalene
Concen: 3.214 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 69350

Ion	Ratio	Lower	Upper
128	100		
129	2.8	3.0	4.6#
127	3.4	3.5	5.3#

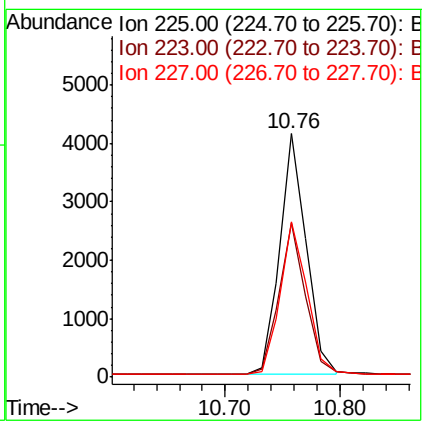


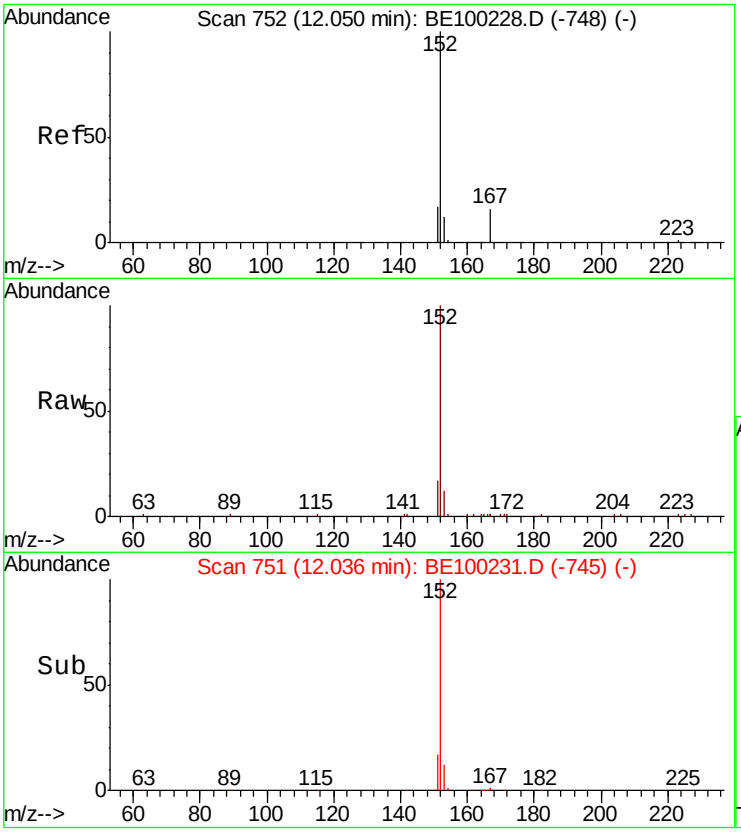


#10
Hexachlorobutadiene
Concen: 3.011 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:225 Resp: 6709

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.1	73.7
227	64.2	49.3	73.9



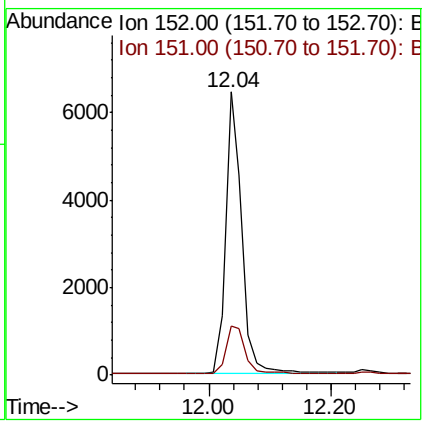


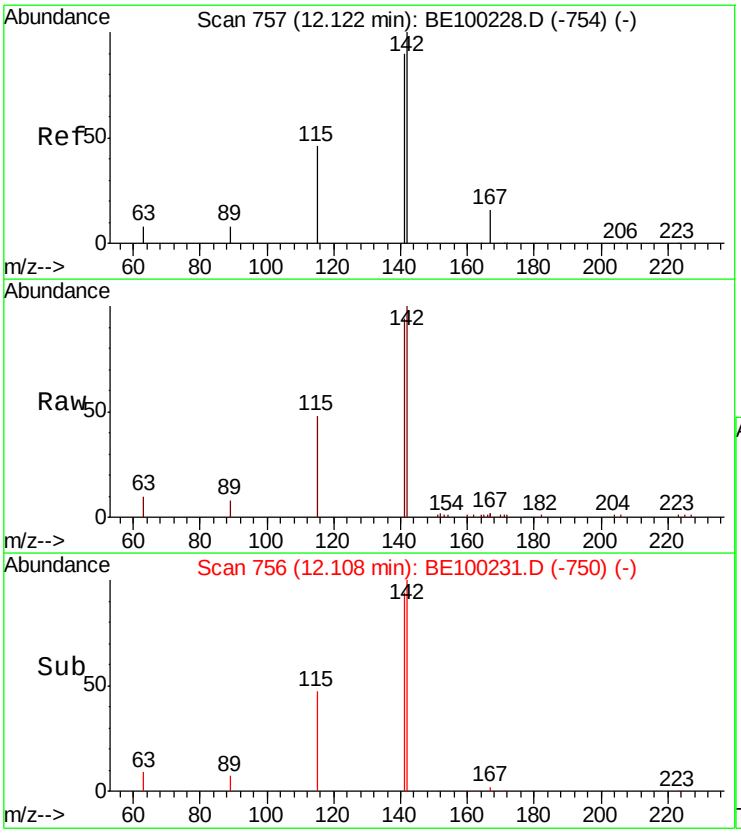
#11
2-Methylnaphthalene-d10
Concen: 3.227 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11963

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.1	22.7

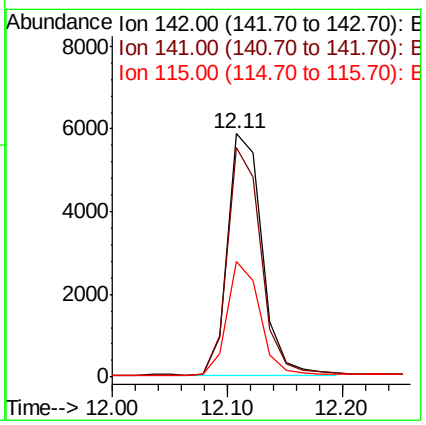


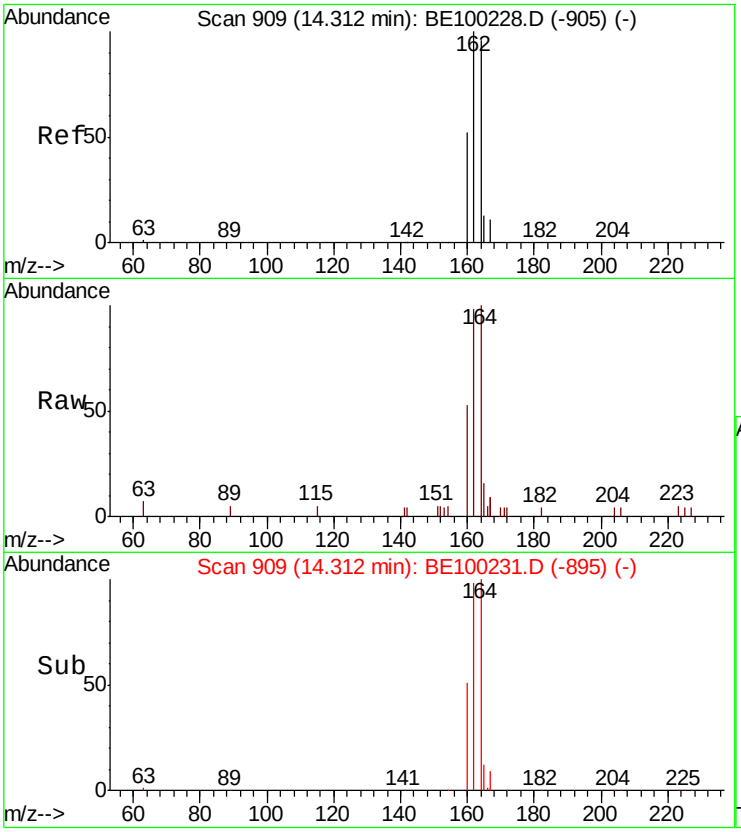


#12
2-Methylnaphthalene
Concen: 3.482 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:142 Resp: 12095

Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.4	108.6
115	47.7	40.4	60.6



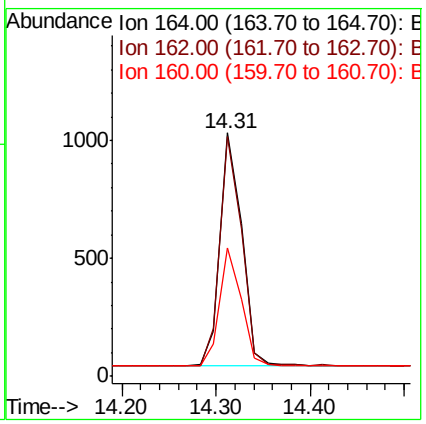


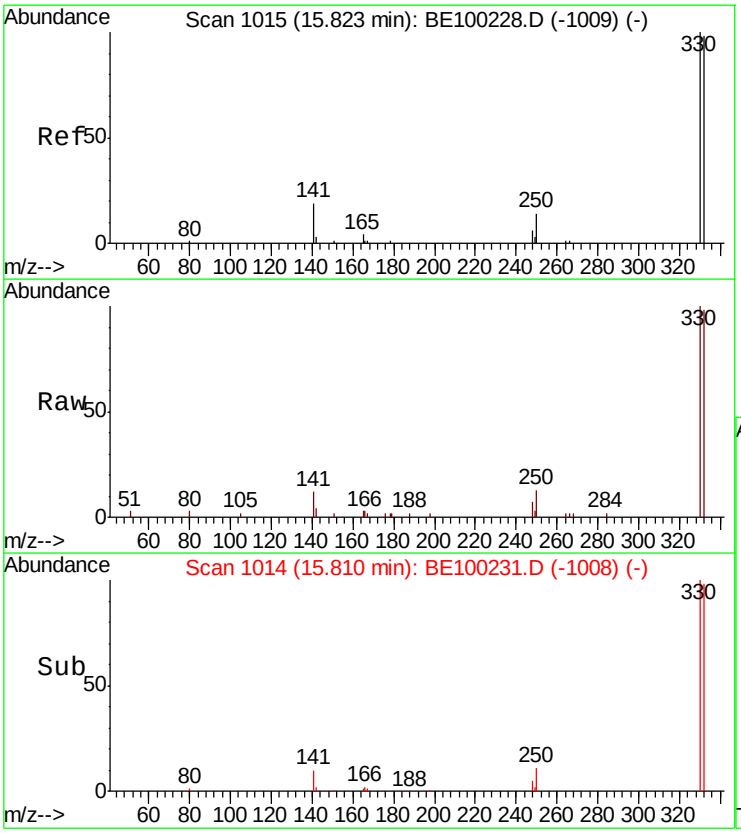
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1575

Ion	Ratio	Lower	Upper
164	100		
162	98.4	83.4	125.0
160	52.8	45.0	67.6

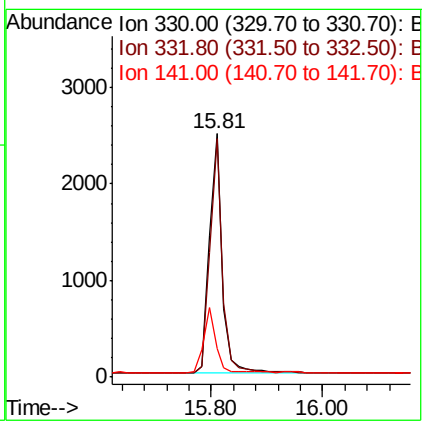


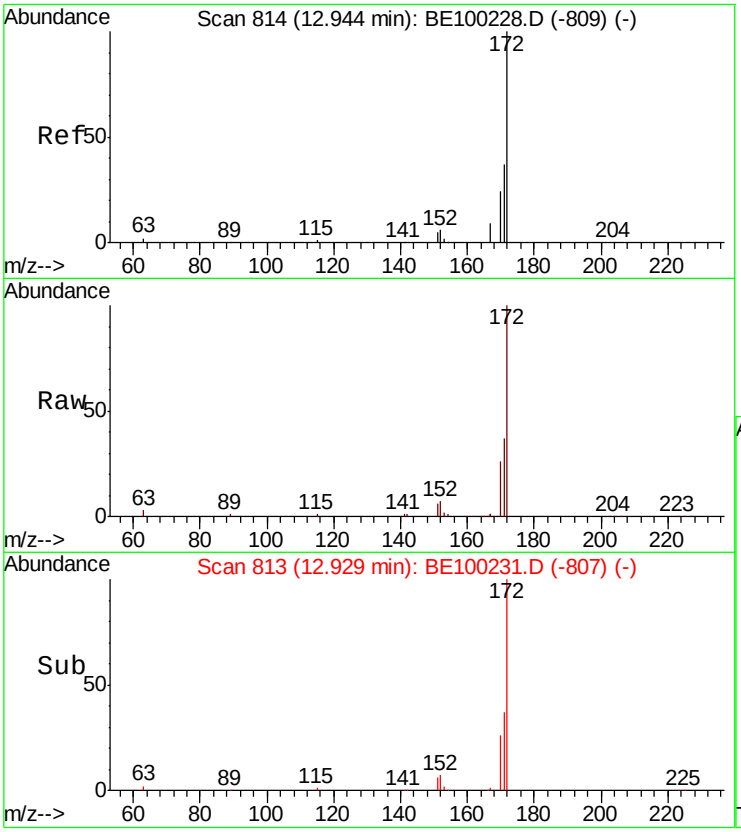


#14
2,4,6-Tribromophenol
Concen: 4.410 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:330 Resp: 4022

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.4
141	25.5	22.0	33.0



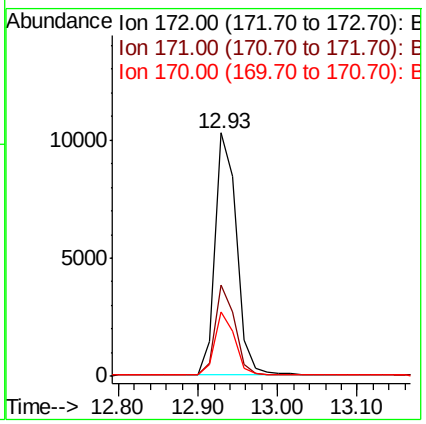


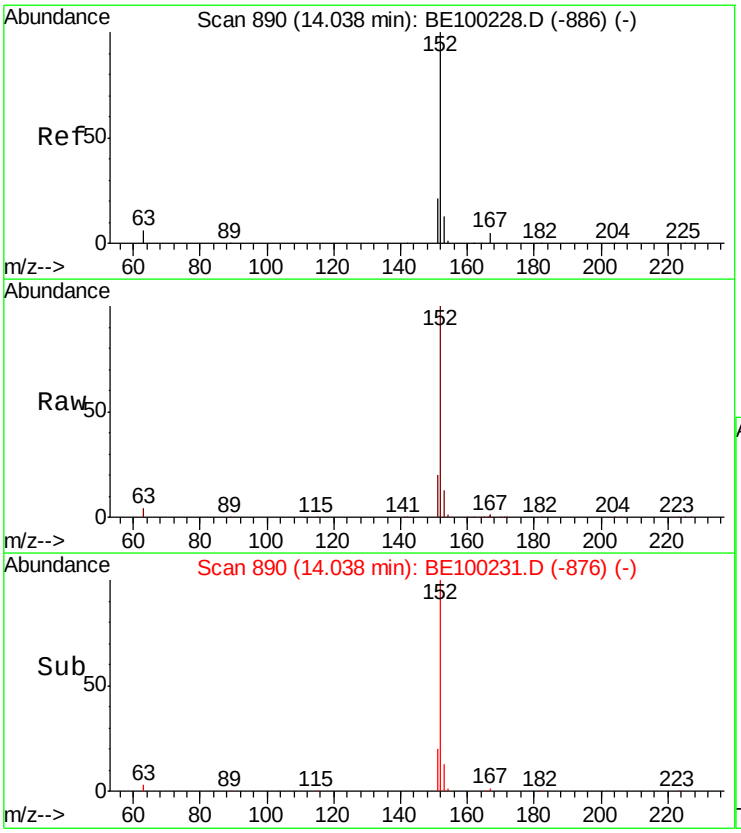
#15
2-Fluorobiphenyl
Concen: 3.049 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 19260

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.9	47.9
170	26.4	22.2	33.2

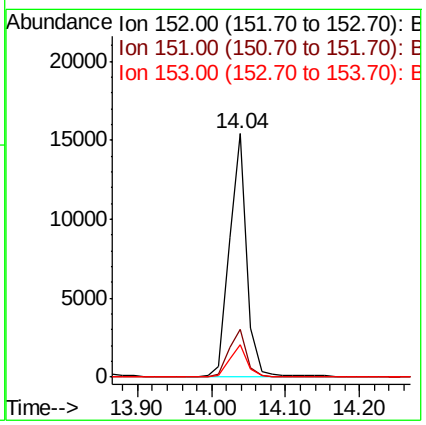


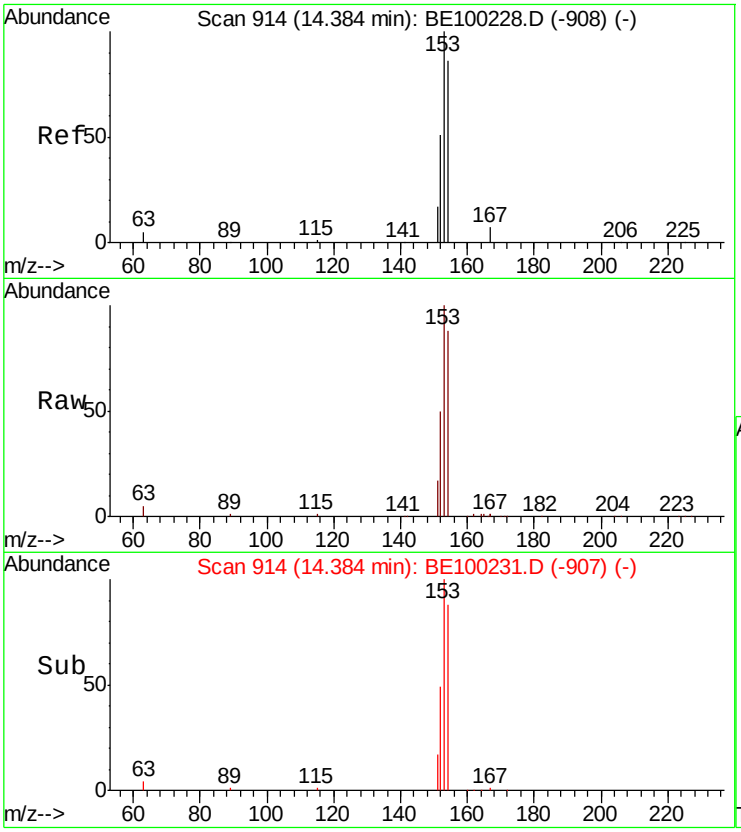


#16
Acenaphthylene
Concen: 3.210 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:152 Resp: 24654

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	25.0
153	13.1	10.5	15.7



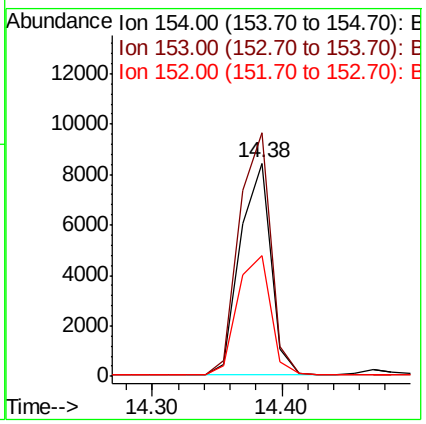


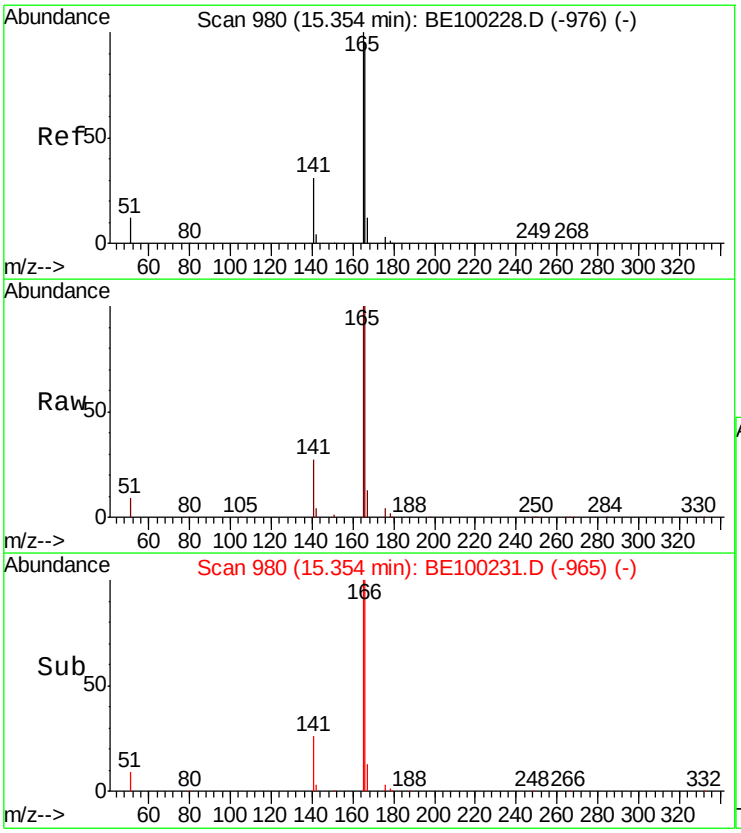
#17
Acenaphthene
Concen: 3.217 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 13848

Ion	Ratio	Lower	Upper
154	100		
153	117.8	93.4	140.2
152	60.7	49.4	74.2

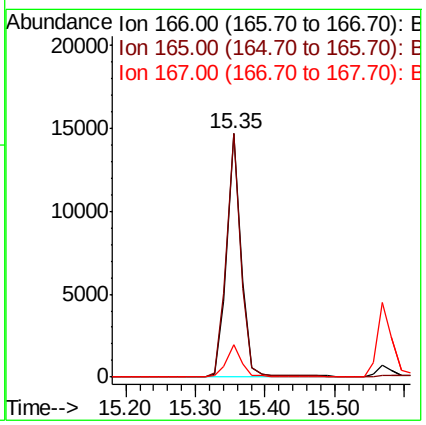


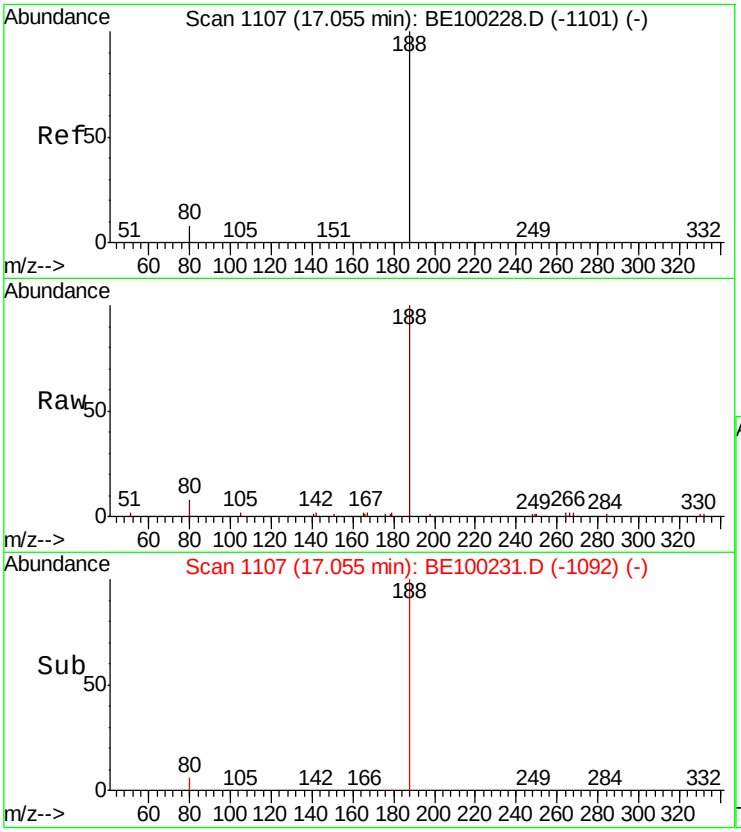


#18
Fluorene
Concen: 3.344 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:166 Resp: 20814

Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.1	121.7
167	13.3	10.7	16.1



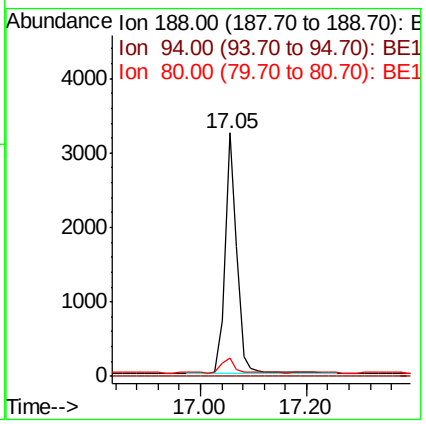


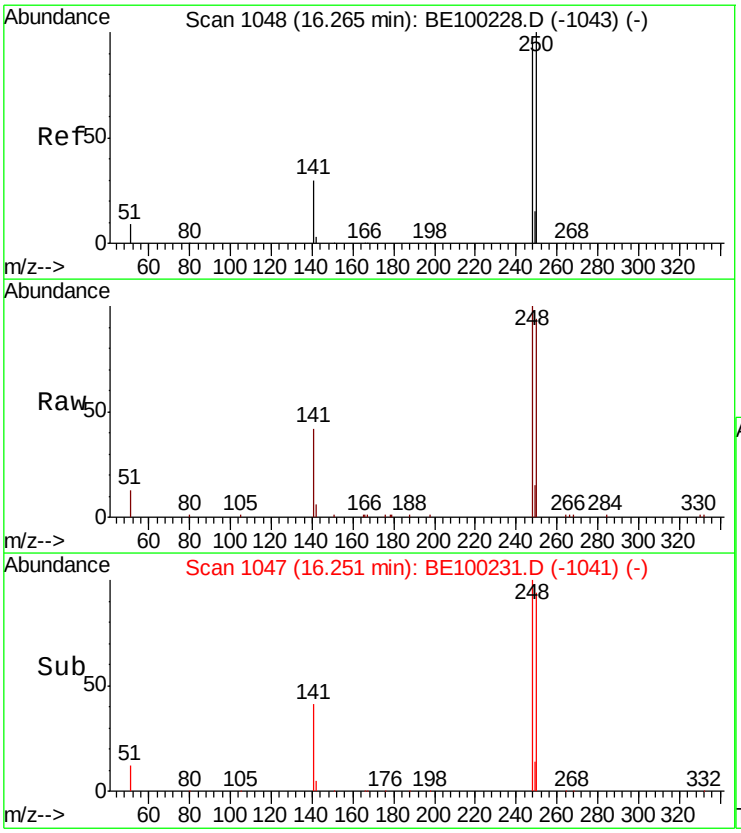
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4860

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.6	11.4

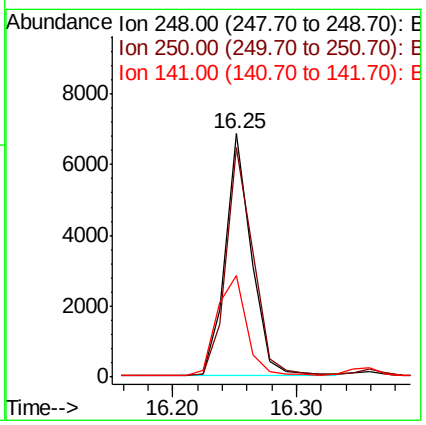


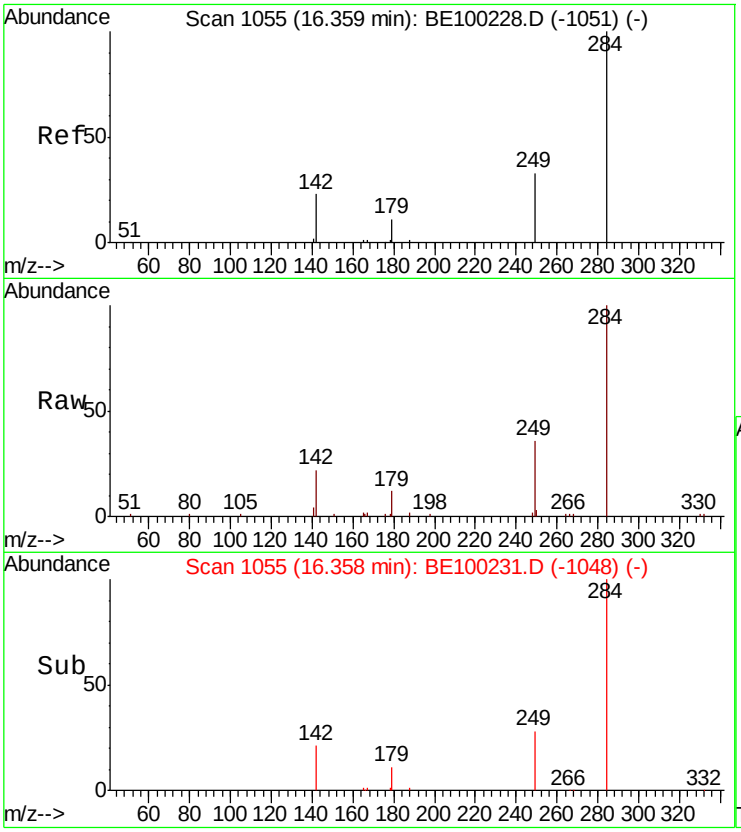


#20
4-Bromophenyl-phenylether
Concen: 3.317 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:248 Resp: 10005

Ion	Ratio	Lower	Upper
248	100		
250	94.3	84.2	126.4
141	41.8	29.3	43.9



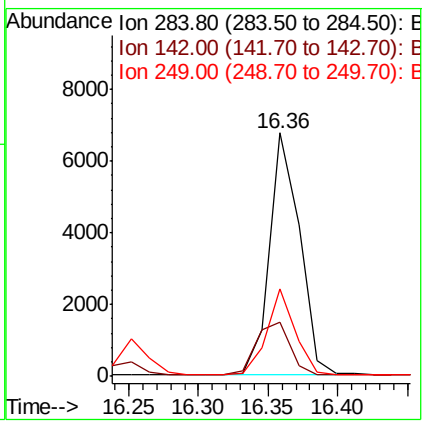


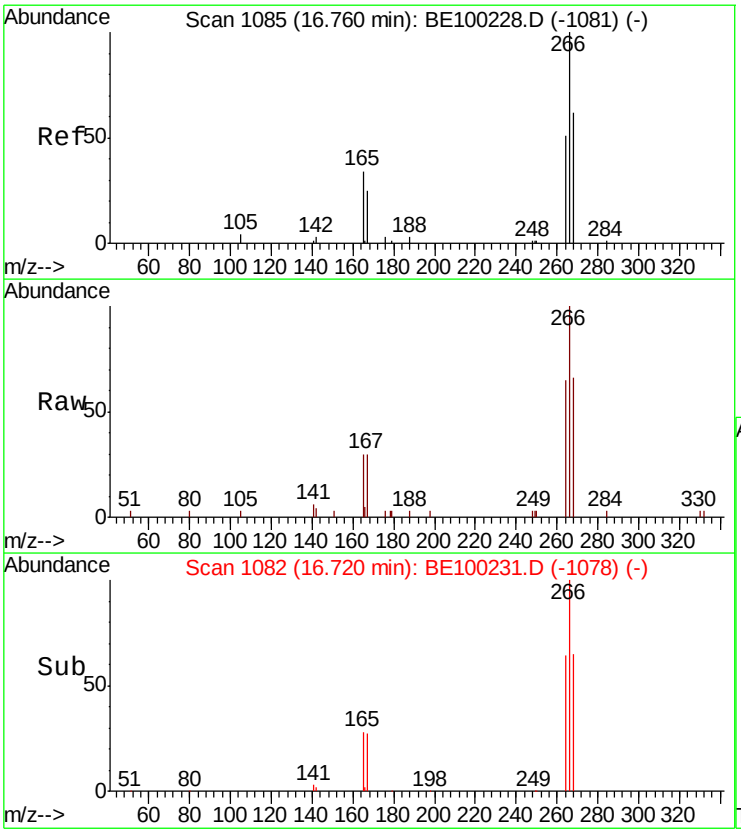
#21
Hexachlorobenzene
Concen: 3.067 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 10150

Ion	Ratio	Lower	Upper
284	100		
142	24.4	18.8	28.2
249	32.7	23.7	35.5

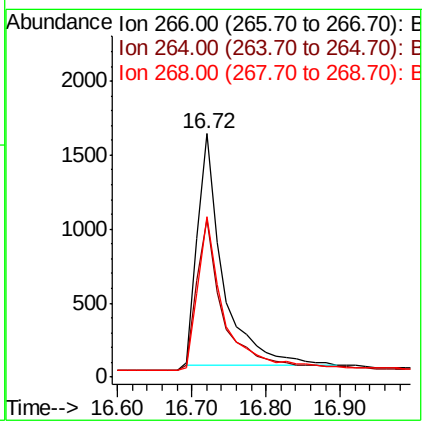


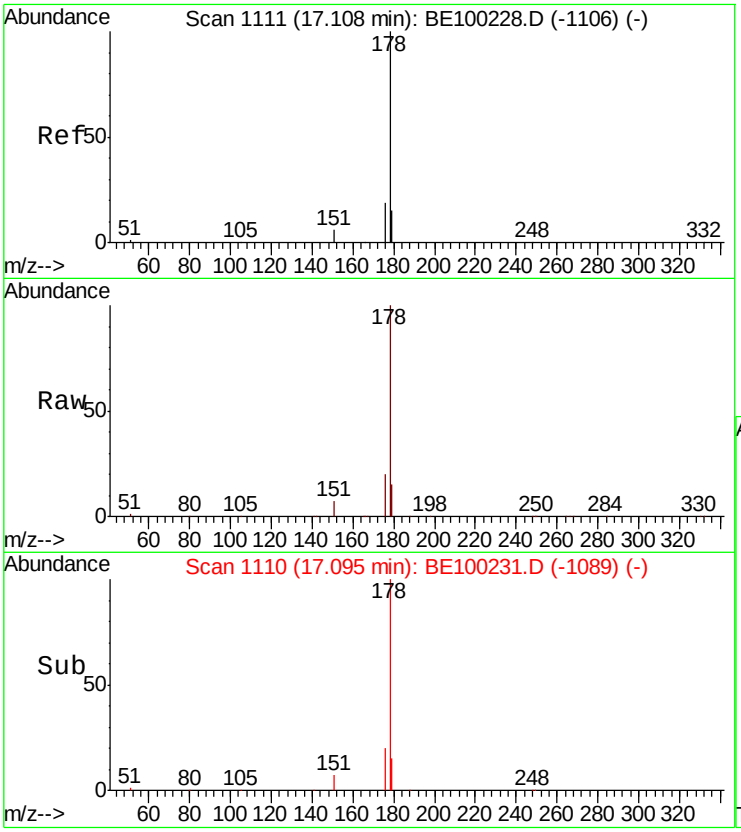


#22
Pentachlorophenol
Concen: 4.709 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:266 Resp: 3666

Ion	Ratio	Lower	Upper
266	100		
264	64.7	56.2	84.2
268	65.7	61.8	92.6



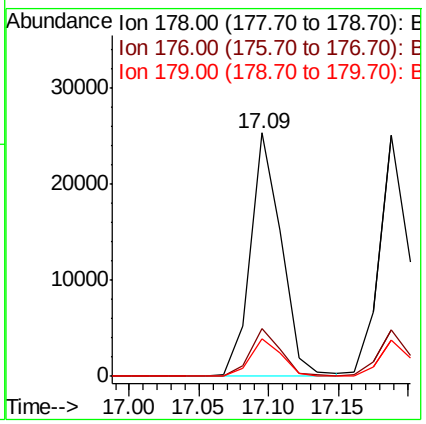


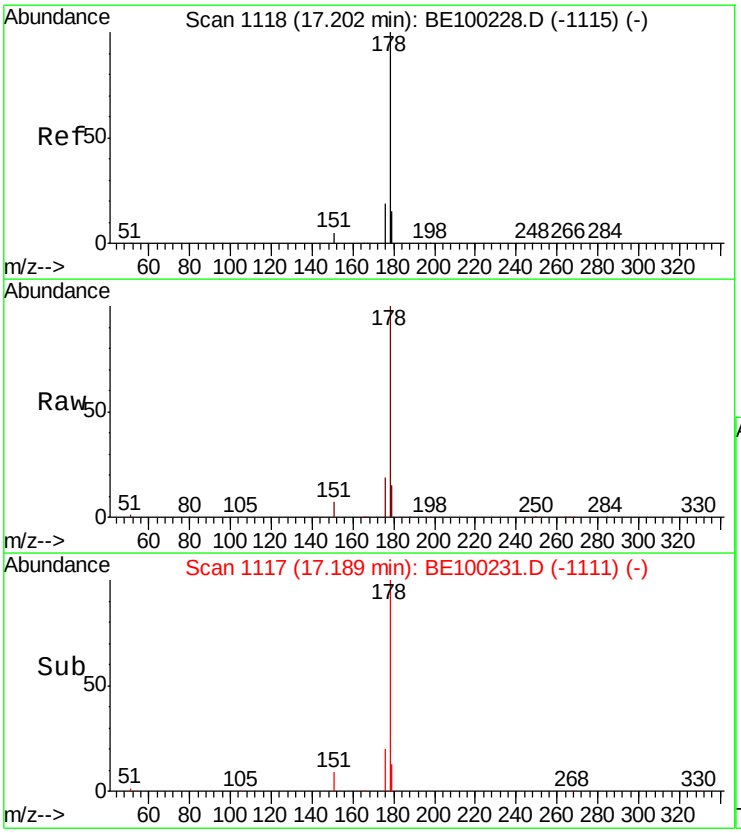
#23
Phenanthrene
Concen: 3.361 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 38686

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.3	12.2	18.2

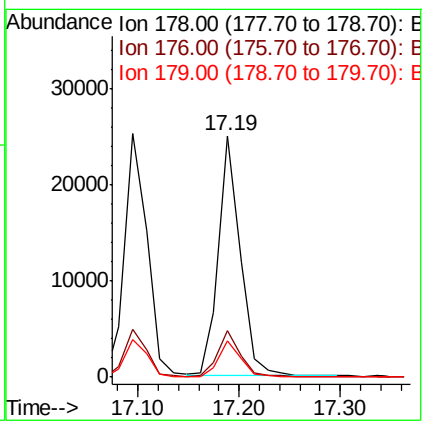


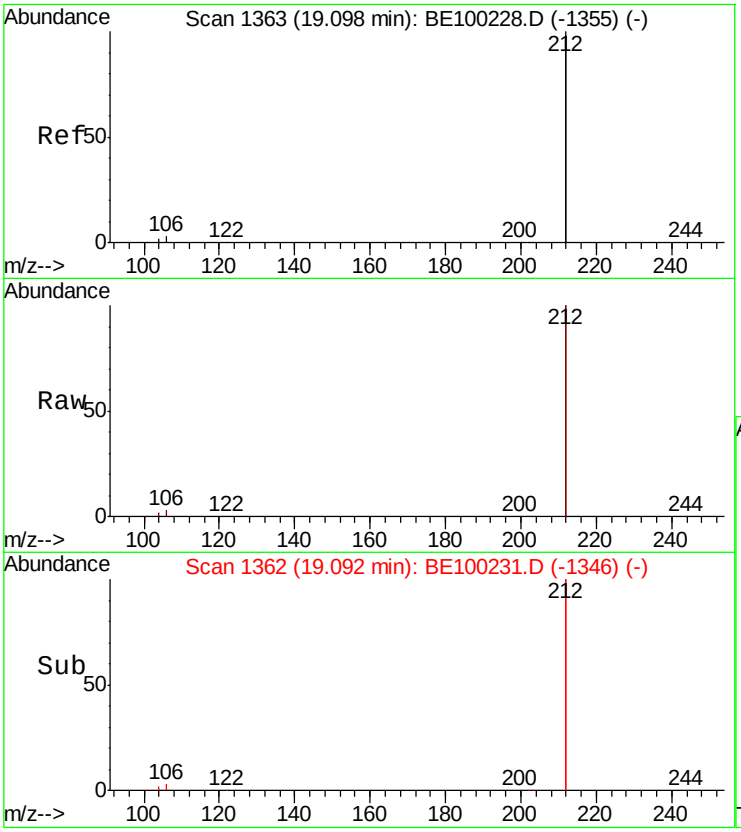


#24
Anthracene
Concen: 3.799 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:178 Resp: 36937

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.2	18.2



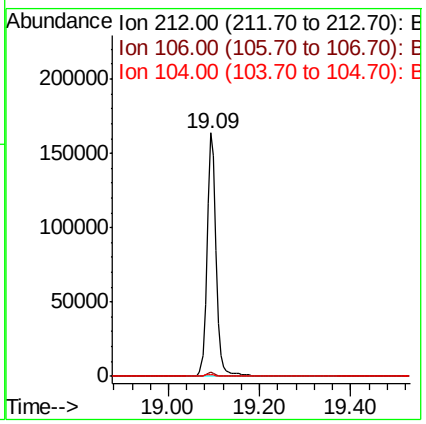


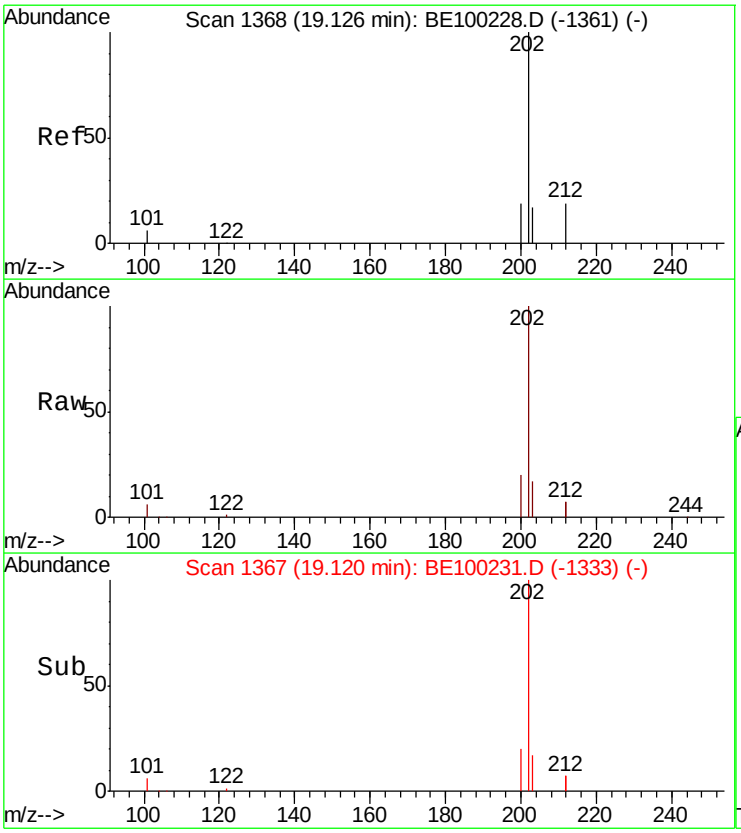
#25
Fluoranthene-d10
Concen: 3.224 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 225830

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

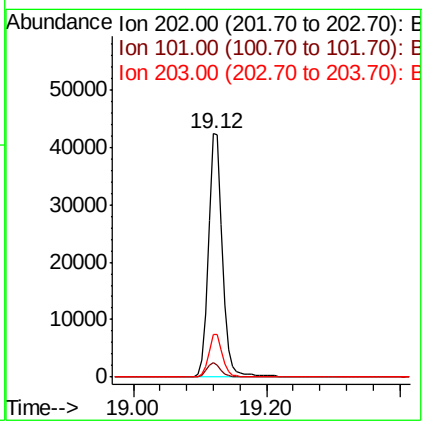


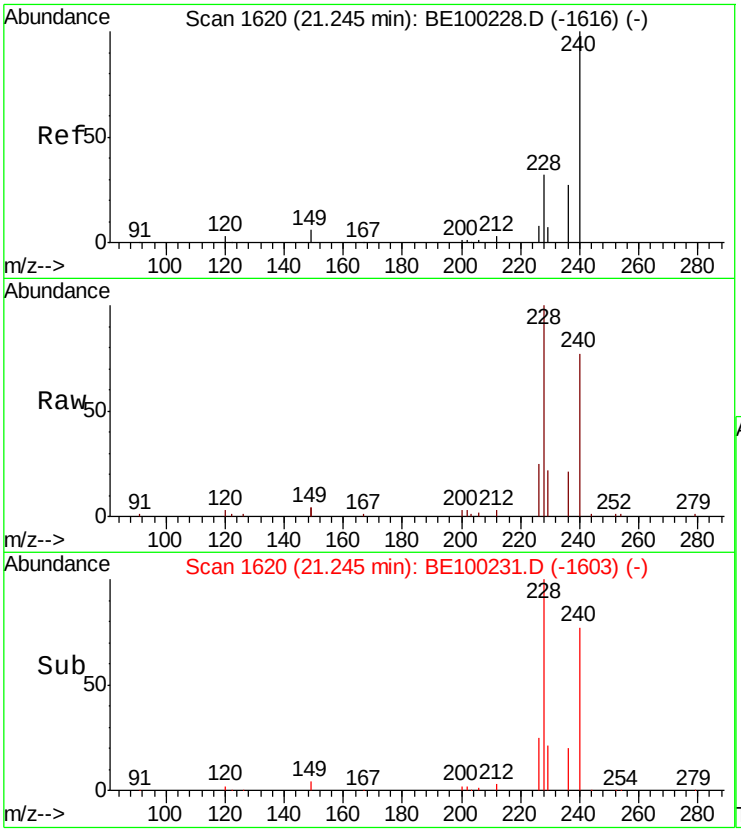


#26
Fluoranthene
Concen: 3.247 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:202 Resp: 60810

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.2	13.7	20.5



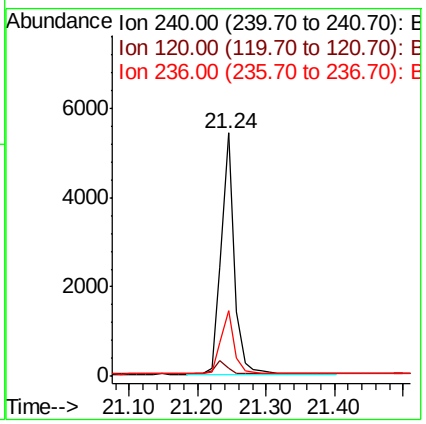


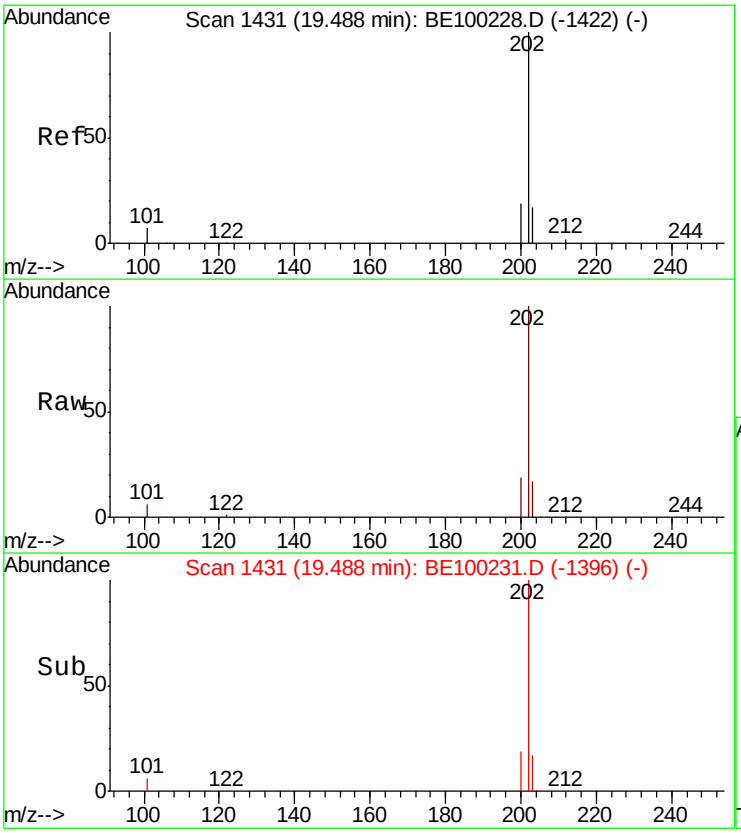
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7239

Ion	Ratio	Lower	Upper
240	100		
120	3.4	3.3	4.9
236	26.9	22.6	34.0

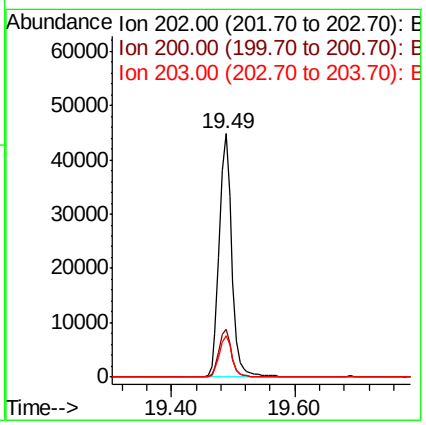


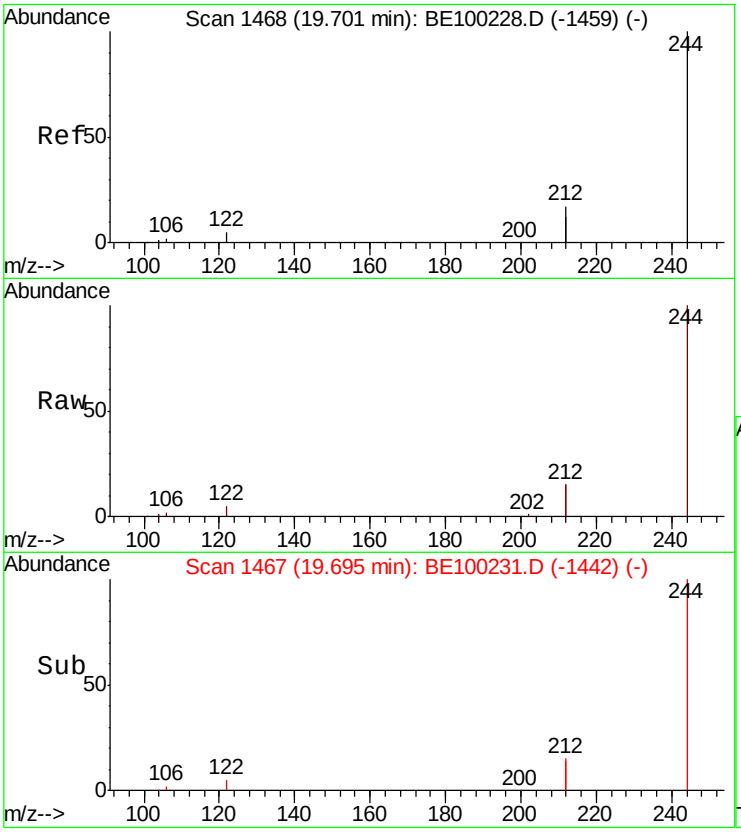


#28
Pyrene
Concen: 3.365 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:202 Resp: 62380

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.3	14.0	21.0



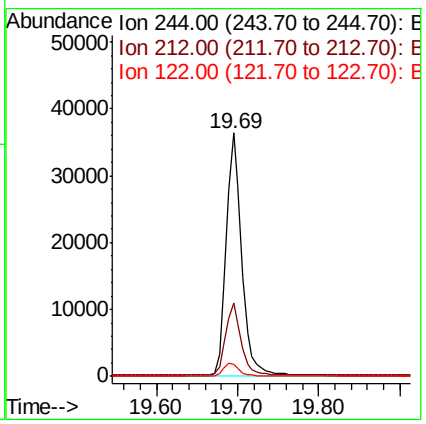


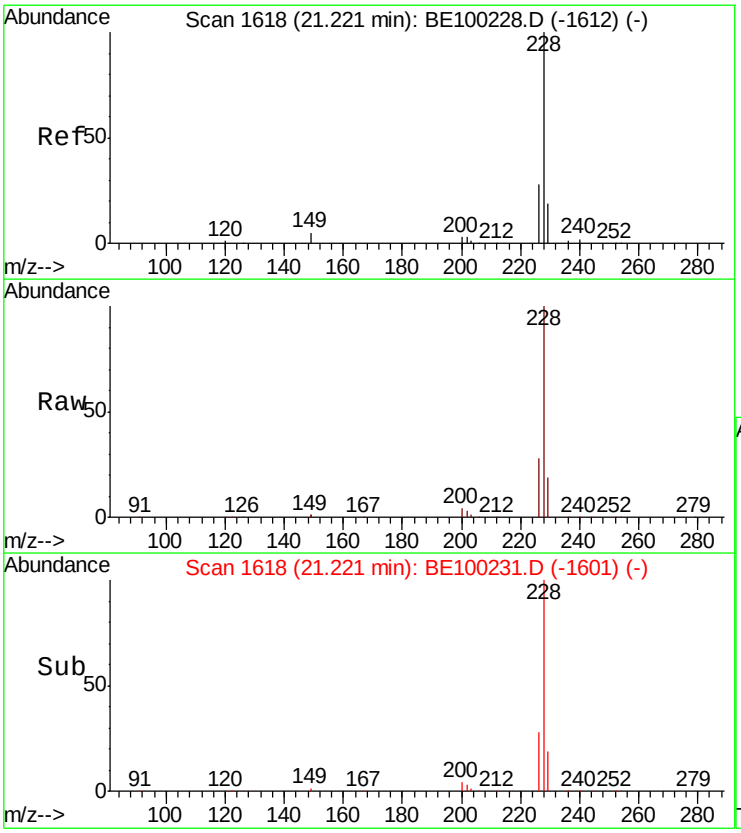
#29
Terphenyl-d14
Concen: 3.408 ng
RT: 19.69 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 48450

Ion	Ratio	Lower	Upper
244	100		
212	29.9	27.3	40.9
122	5.1	4.7	7.1

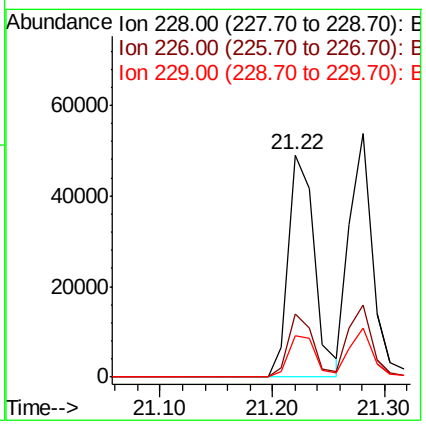


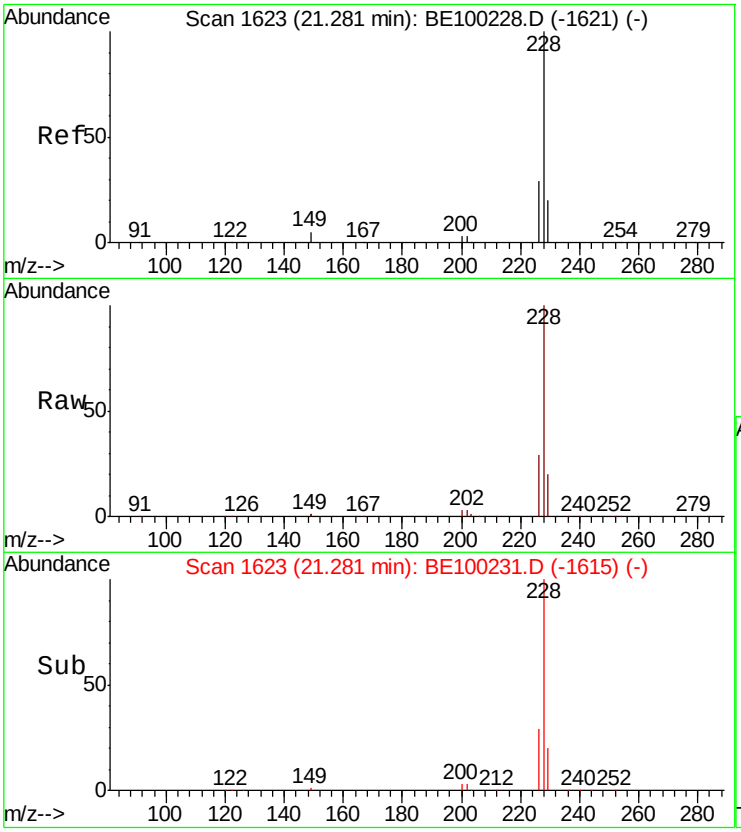


#30
Benzo(a)anthracene
Concen: 3.682 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:228 Resp: 78577

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.2	34.8
229	18.8	15.7	23.5



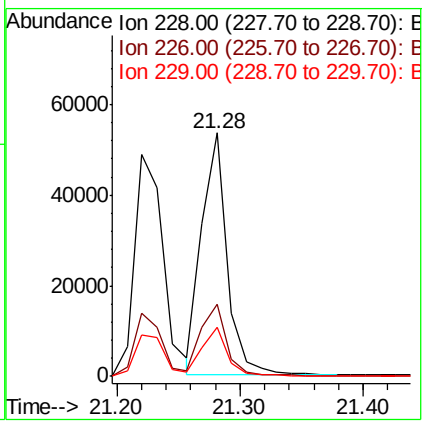


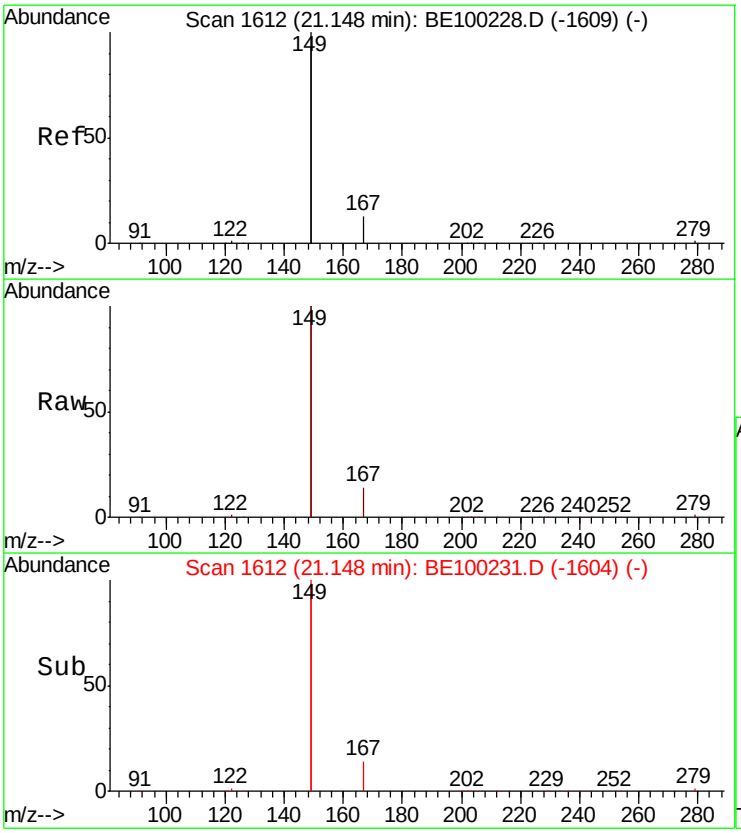
#31
Chrysene
Concen: 3.055 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 76483

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	20.0	16.5	24.7

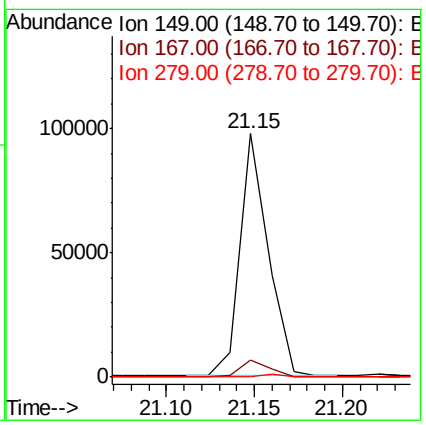


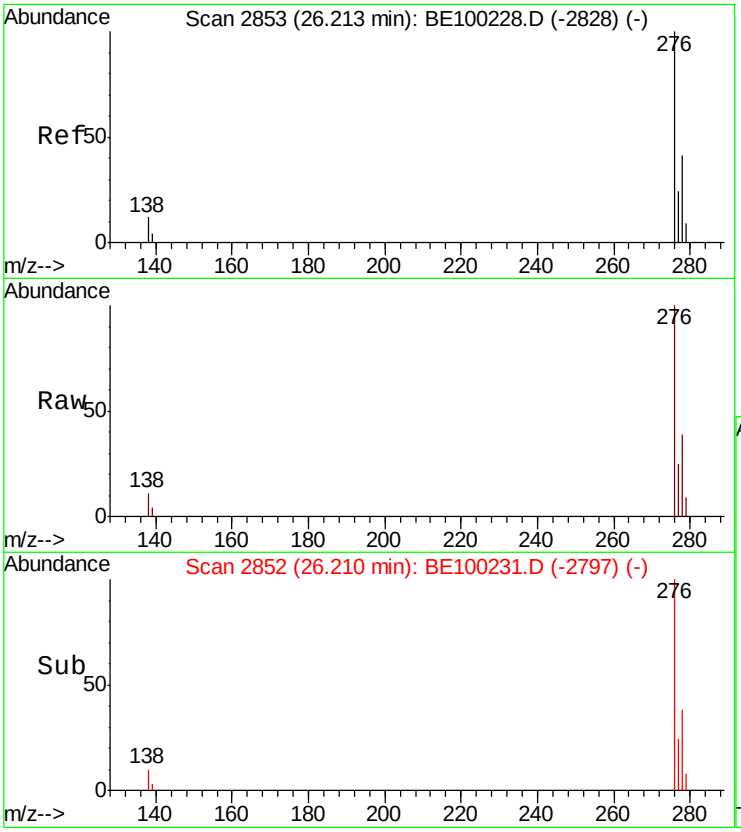


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.429 ng
RT: 21.15 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:149 Resp: 108645

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.4	1.1	1.7



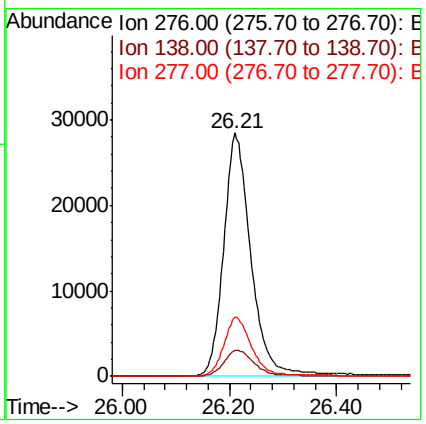


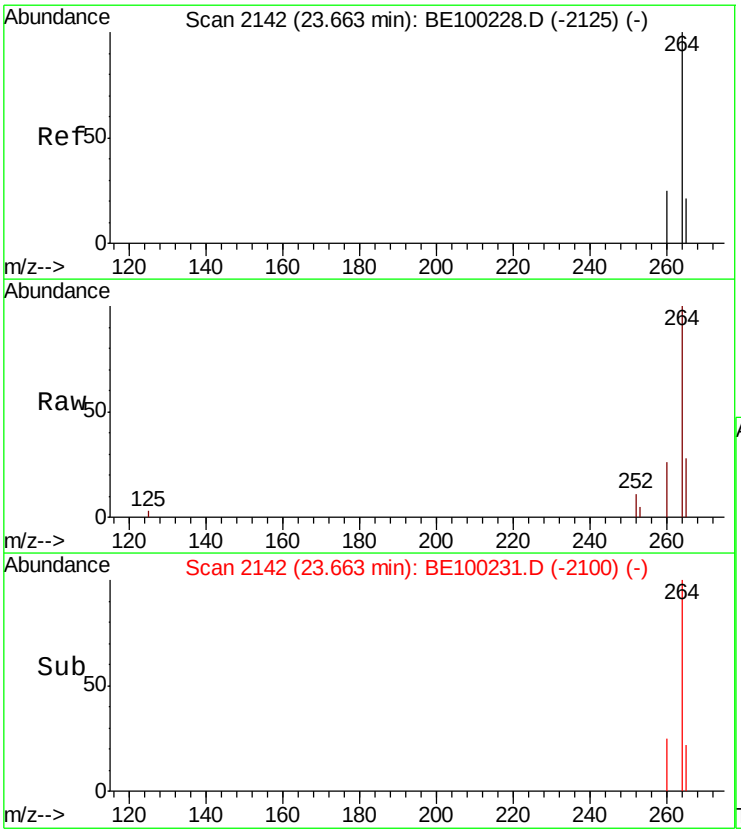
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.794 ng
RT: 26.21 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 99580

Ion	Ratio	Lower	Upper
276	100		
138	11.6	9.4	14.0
277	24.7	19.2	28.8

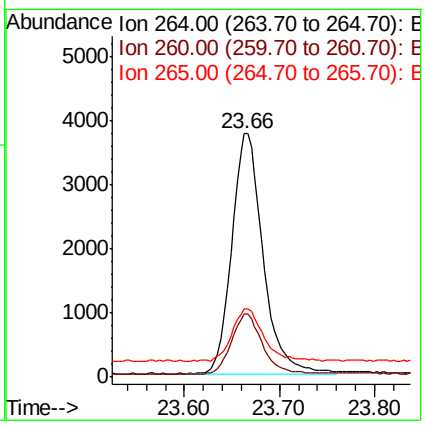


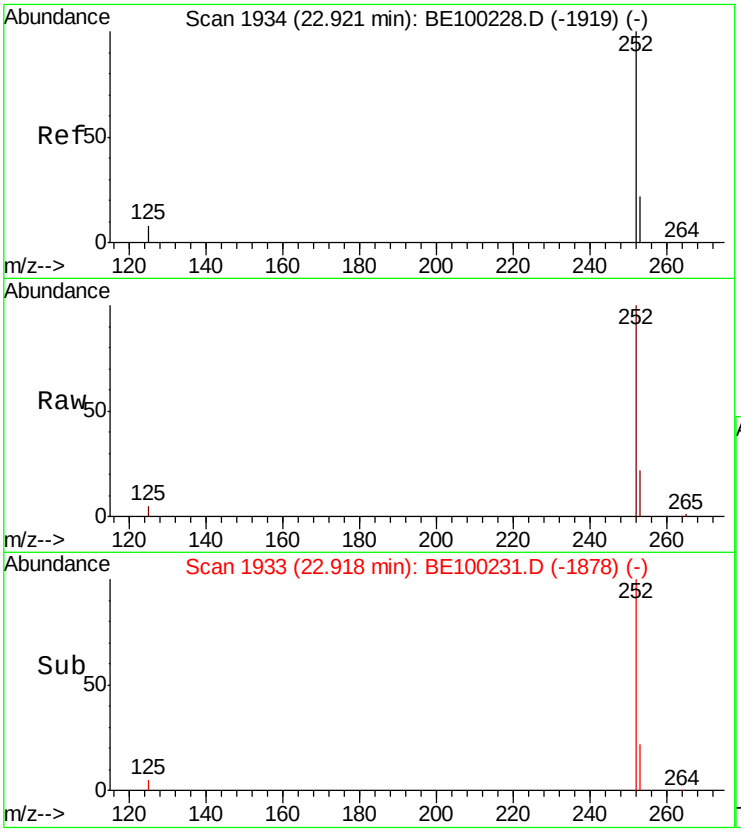


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:264 Resp: 8494

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.8	31.2
265	27.9	21.8	32.6



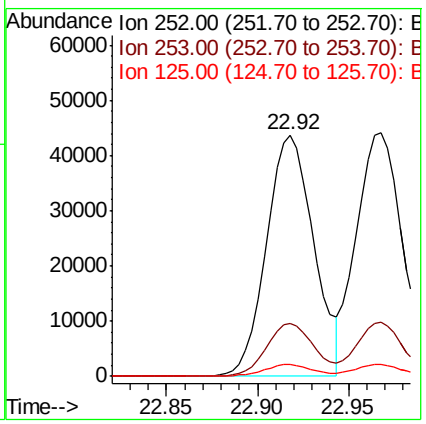


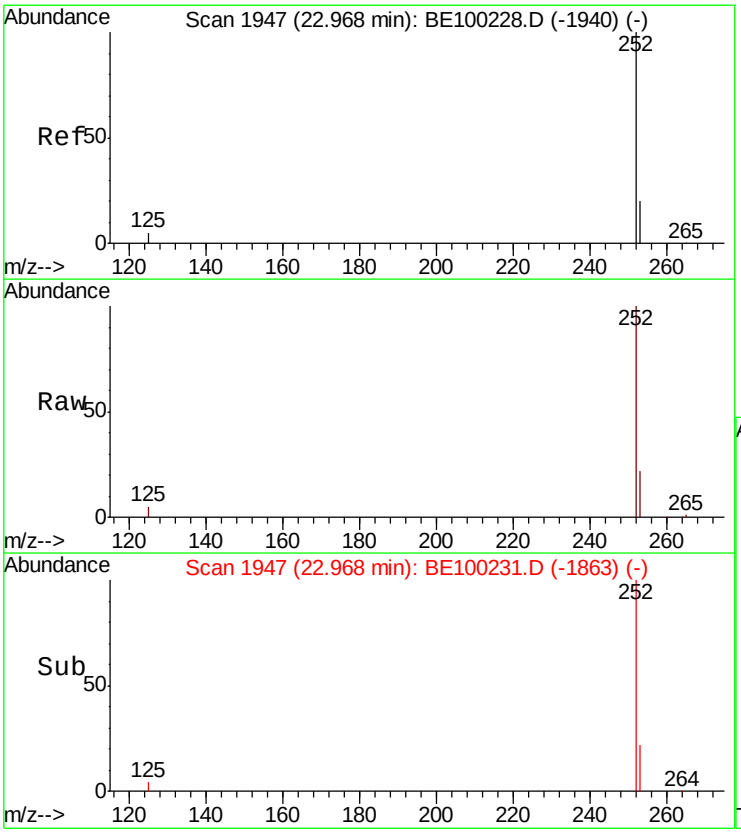
#35
Benzo(b)fluoranthene
Concen: 3.435 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 78474

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	4.9	7.4	11.0#

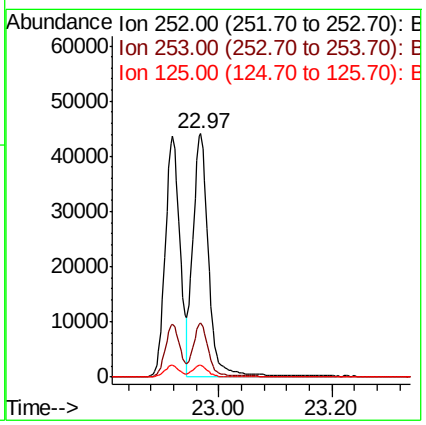


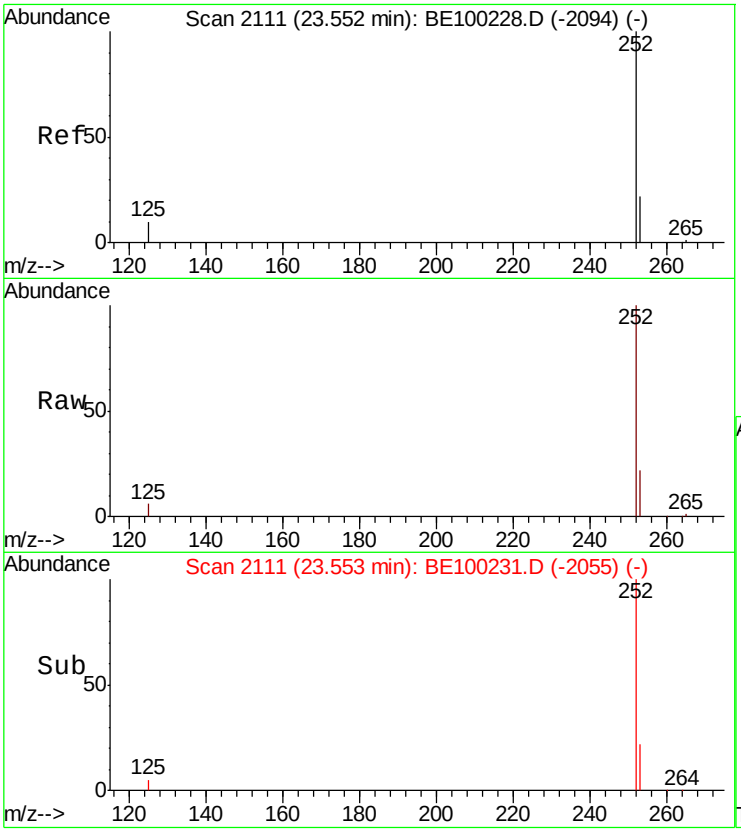


#36
Benzo(k)fluoranthene
Concen: 3.057 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:252 Resp: 83556

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	4.7	5.0	7.4#



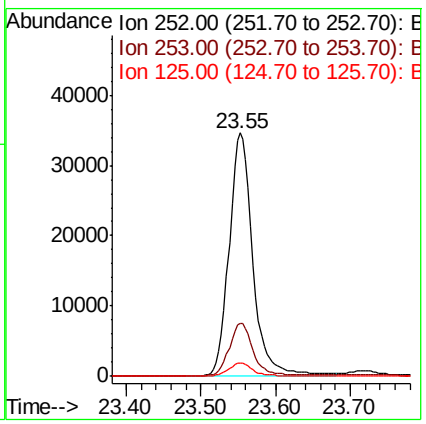


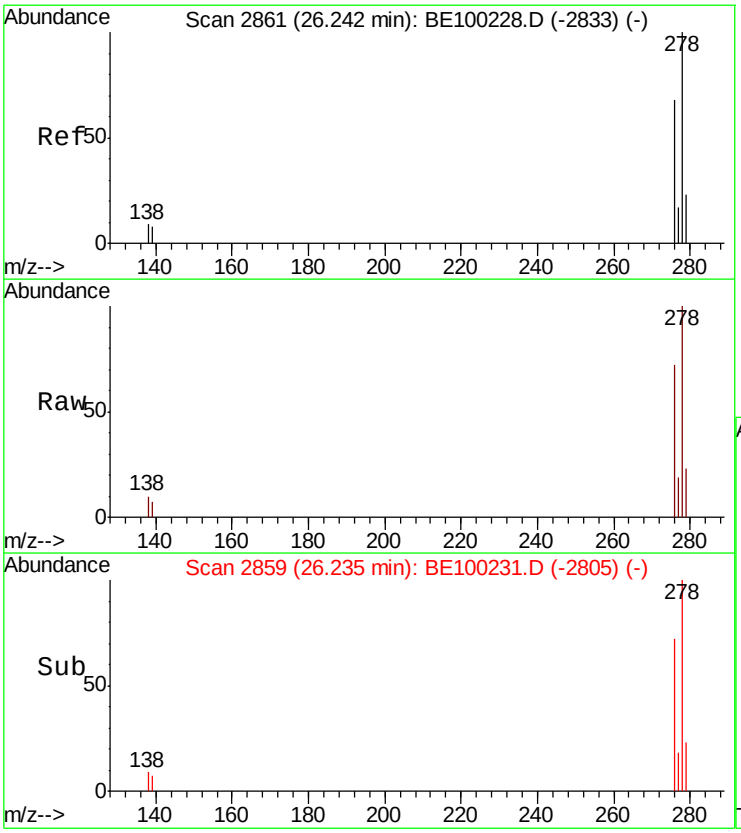
#37
Benzo(a)pyrene
Concen: 3.204 ng
RT: 23.55 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 75848

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.6	29.4
125	5.6	9.0	13.6#

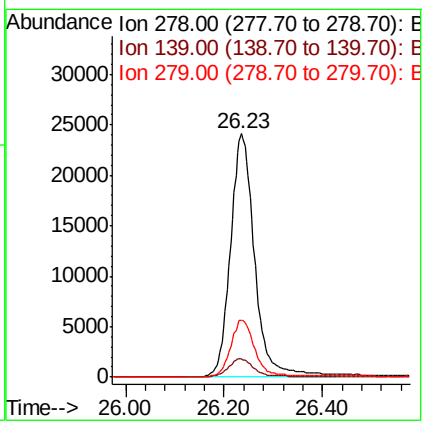


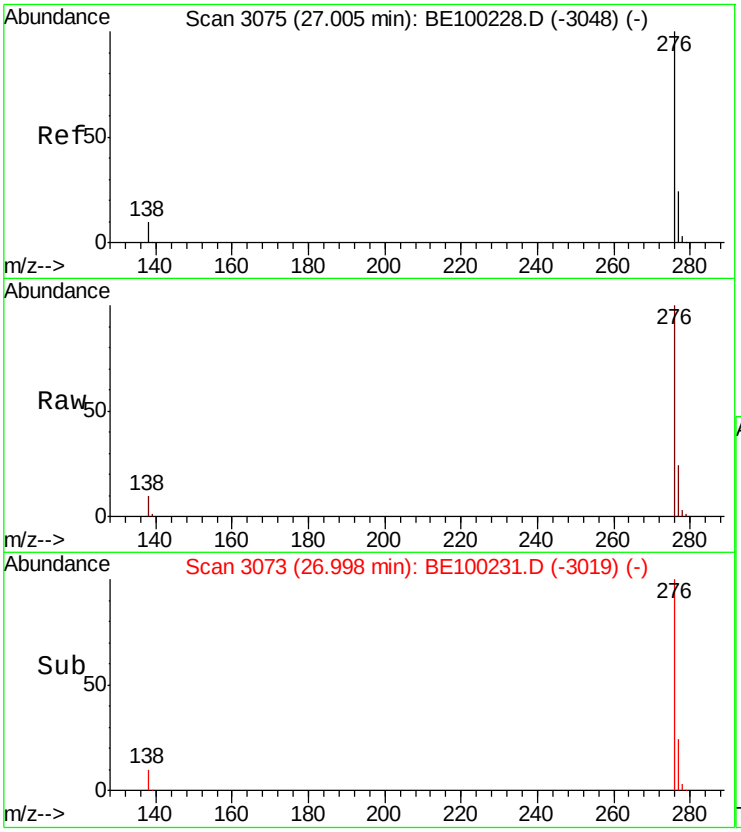


#38
Dibenzo(a,h)anthracene
Concen: 3.226 ng
RT: 26.23 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:278 Resp: 81683

Ion	Ratio	Lower	Upper
278	100		
139	7.4	8.2	12.2#
279	23.5	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 3.074 ng
RT: 27.00 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 81259

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.2	30.2
138	10.3	9.0	13.6