Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100227.D
Acq On : 28 Jun 2019 9:50
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 12:19:48 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	7.65	152	556	0.40	ng		0.01
7) Naphthalene-d8	10.45	136	2023	0.40	ng		0.00
13) Acenaphthene-d10	14.33	164	1565	0.40	ng		0.02
19) Phenanthrene-d10	17.07	188	4865	0.40	ng		0.01
27) Chrysene-d12	21.24	240	7139	0.40	ng		0.00
34) Perylene-d12	23.67	264	9208	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	289	0.23	ng		0.00
5) Phenol-d6	6.86	99	325	0.19	ng		0.02
8) Nitrobenzene-d5	8.83	82	359	0.18	ng		0.01
11) 2-Methylnaphthalene-d10	12.07	152	718	0.19	ng		0.02
14) 2,4,6-Tribromophenol	15.84	330	179	0.20	ng		0.01
15) 2-Fluorobiphenyl	12.96	172	1212	0.19	ng		0.02
25) Fluoranthene-d10	19.10	212	13531	0.19	ng		0.00
29) Terphenyl-d14	19.70	244	2914	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	191	0.220	ng		97
3) n-Nitrosodimethylamine	3.47	42	82	0.255	ng	#	43
6) bis(2-Chloroethyl)ether	7.09	93	283	0.182	ng	#	96
9) Naphthalene	10.50	128	4382	0.198	ng	#	97
10) Hexachlorobutadiene	10.77	225	426	0.187	ng		98
12) 2-Methylnaphthalene	12.14	142	756	0.213	ng		97
16) Acenaphthylene	14.04	152	1456	0.191	ng		98
17) Acenaphthene	14.38	154	821	0.192	ng		97
18) Fluorene	15.37	166	1202	0.194	ng		96
20) 4-Bromophenyl-phenylether	16.26	248	605	0.200	ng	#	89
21) Hexachlorobenzene	16.37	284	617	0.186	ng		97
22) Pentachlorophenol	16.80	266	166	0.213	ng		88
23) Phenanthrene	17.11	178	2199	0.191	ng		98
24) Anthracene	17.20	178	1881	0.193	ng		99
26) Fluoranthene	19.13	202	3529	0.188	ng		100
28) Pyrene	19.49	202	3775	0.206	ng		99
30) Benzo(a)anthracene	21.23	228	4524	0.215	ng		98
31) Chrysene	21.28	228	4706	0.191	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	9769	0.404	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	6125	0.174	ng		99
35) Benzo(b)fluoranthene	22.93	252	4603	0.186	ng		96
36) Benzo(k)fluoranthene	22.97	252	5421	0.183	ng	#	93
37) Benzo(a)pyrene	23.56	252	4803	0.187	ng	#	93
38) Dibenzo(a,h)anthracene	26.25	278	4866	0.177	ng		94
39) Benzo(g,h,i)perylene	27.01	276	5086	0.177	ng	#	95

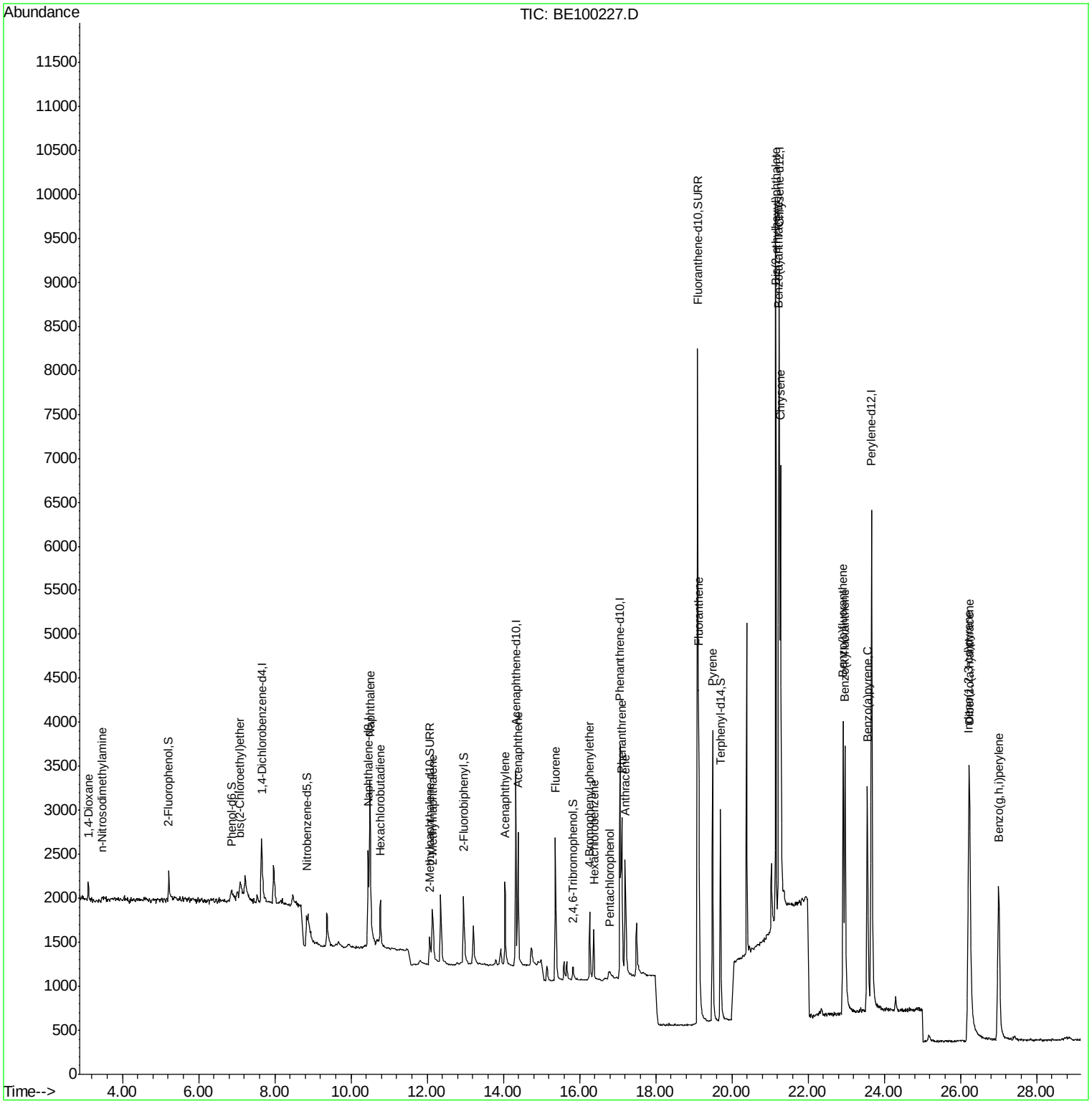
(#) = qualifier out of range (m) = manual integration (+) = signals summed

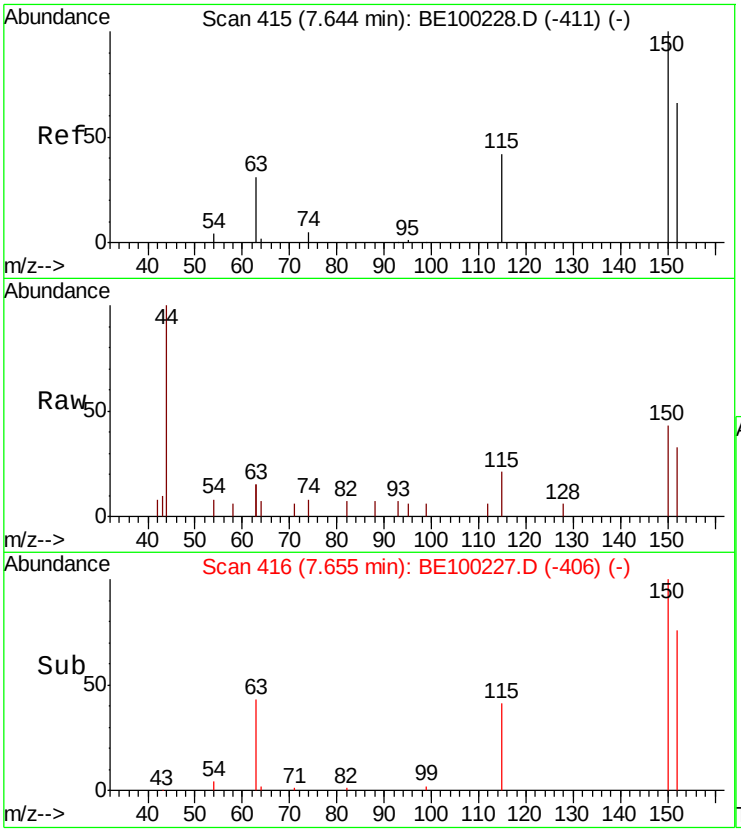
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100227.D
Acq On : 28 Jun 2019 9:50
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 12:19:48 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



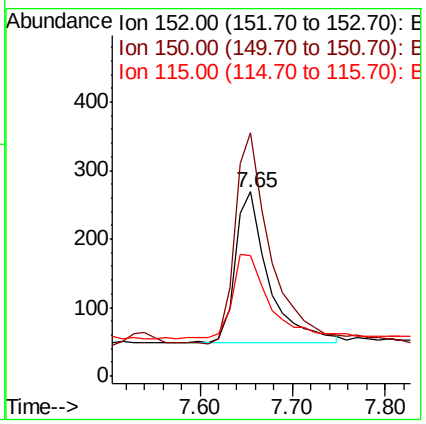


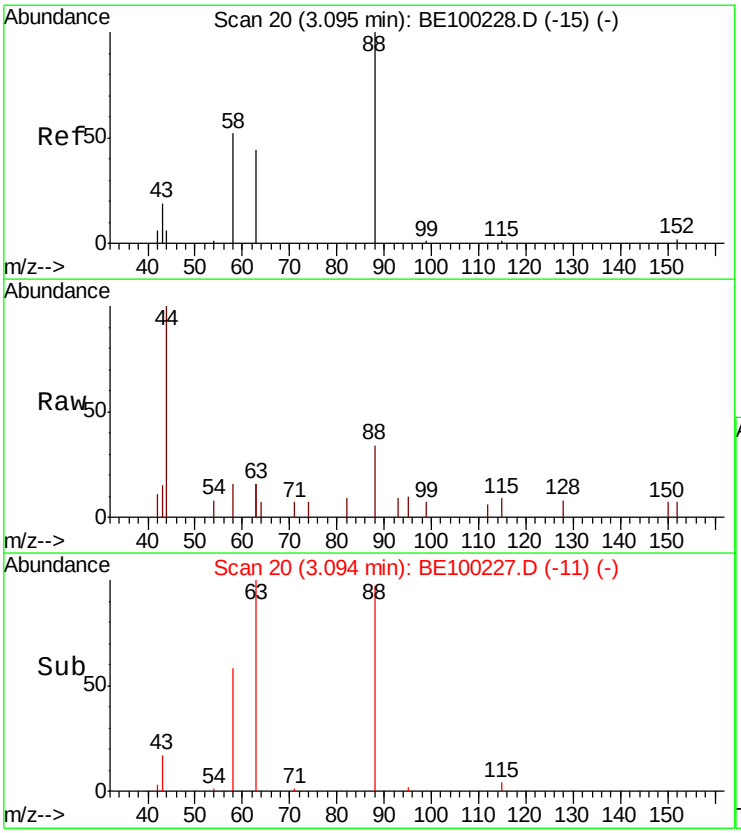
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 556

Ion	Ratio	Lower	Upper
152	100		
150	132.0	114.5	171.7
115	65.1	57.1	85.7

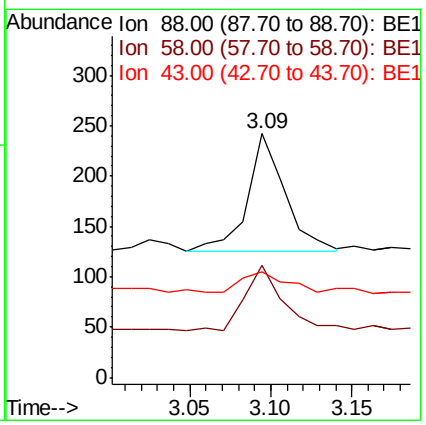


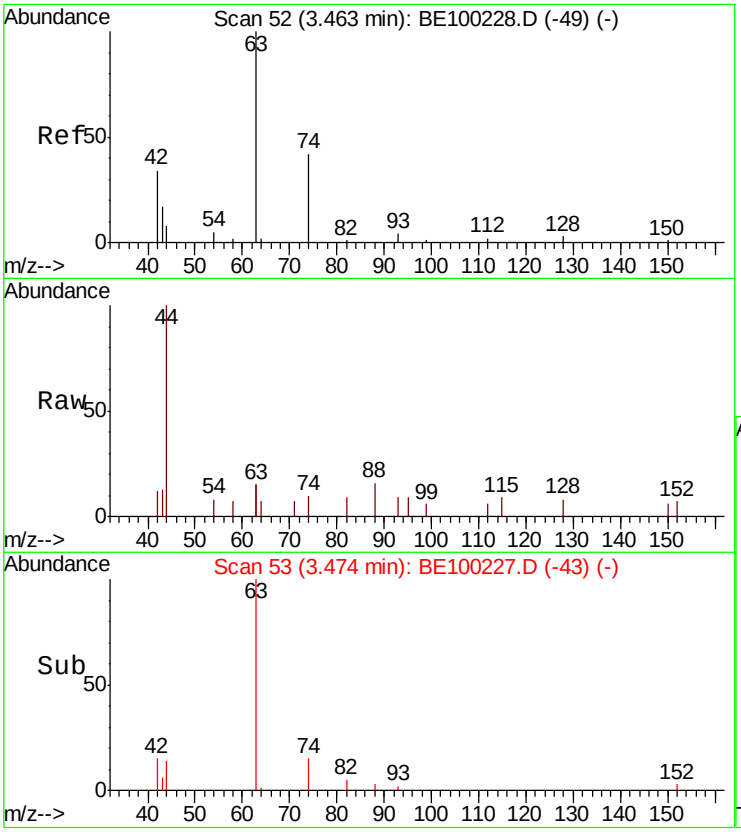


#2
1,4-Dioxane
Concen: 0.220 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion: 88 Resp: 191

Ion	Ratio	Lower	Upper
88	100		
58	53.9	43.6	65.4
43	22.5	21.4	32.0



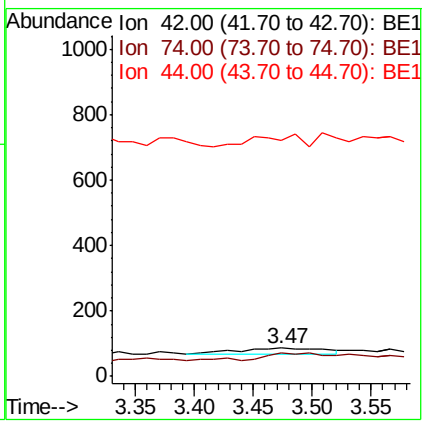


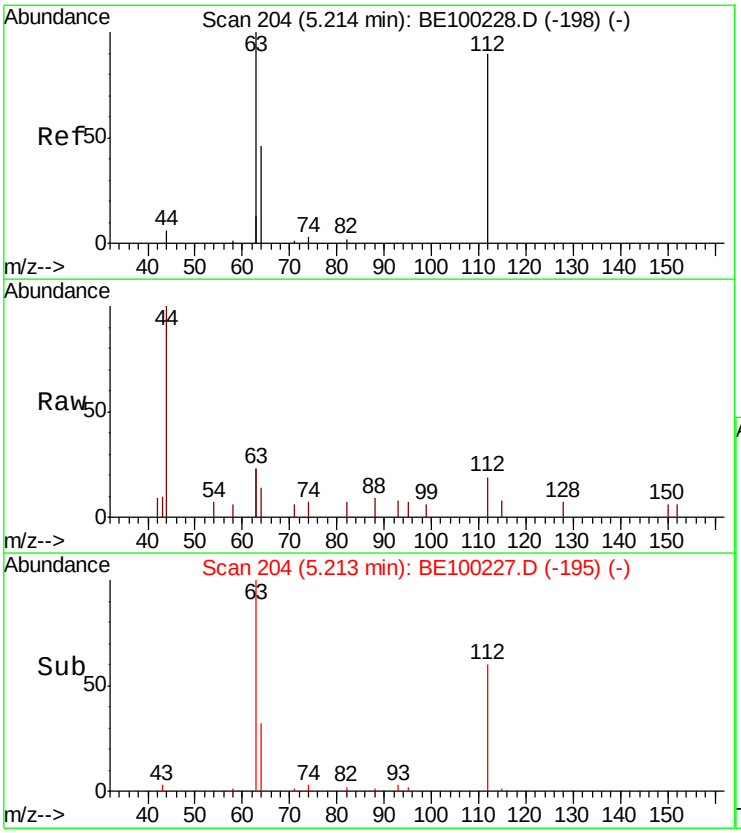
#3
n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.47 min Scan# 53
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 82

Ion	Ratio	Lower	Upper
42	100		
74	92.7	130.6	196.0#
44	0.0	38.0	57.0#

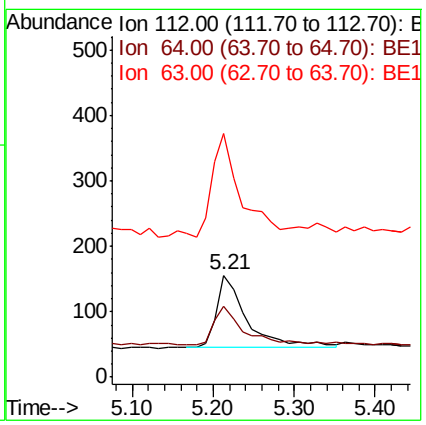


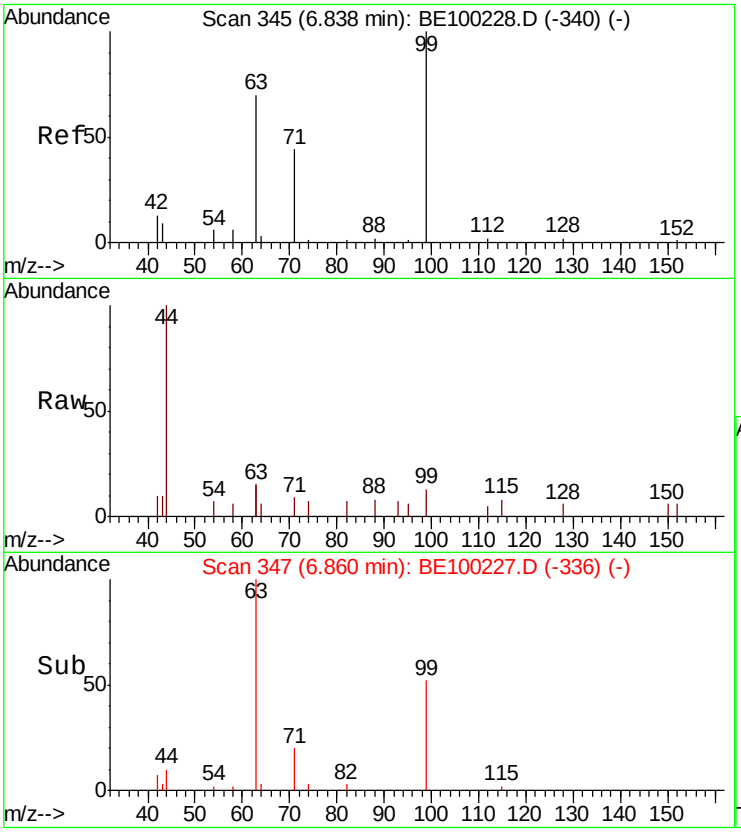


#4
2-Fluorophenol
Concen: 0.234 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:112 Resp: 289

Ion	Ratio	Lower	Upper
112	100		
64	52.6	39.4	59.0
63	133.9	104.5	156.7



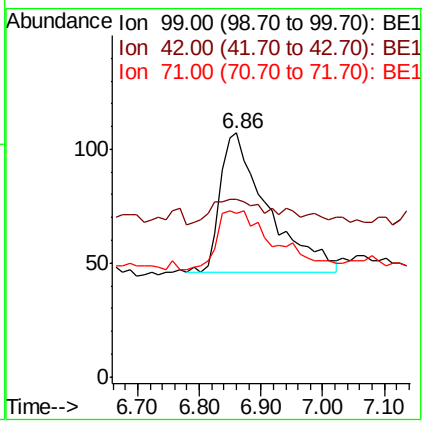


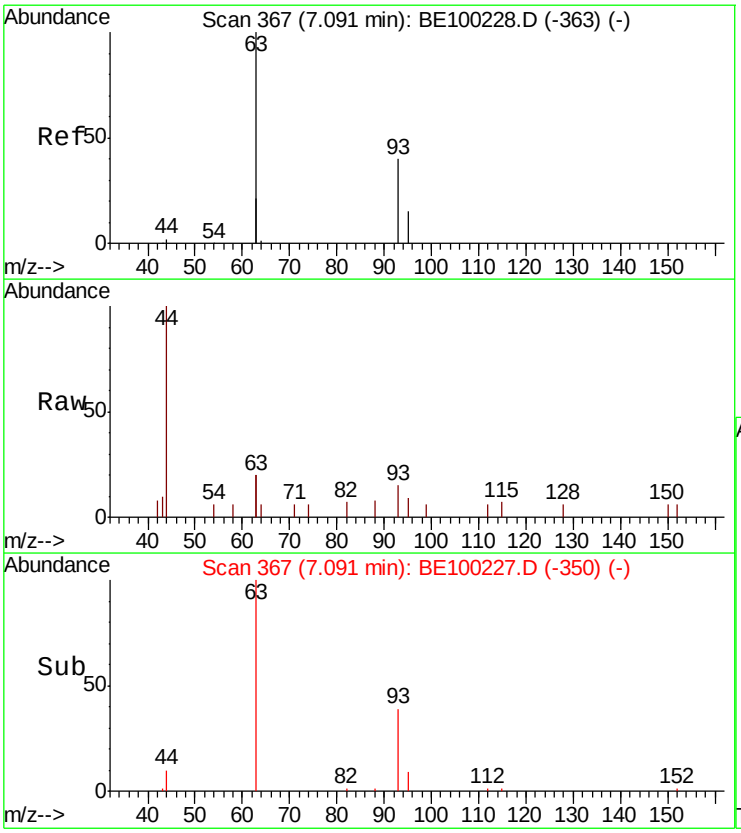
#5
Phenol-d6
Concen: 0.191 ng
RT: 6.86 min Scan# 347
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 325

Ion	Ratio	Lower	Upper
99	100		
42	16.9	11.2	16.8#
71	51.4	37.2	55.8

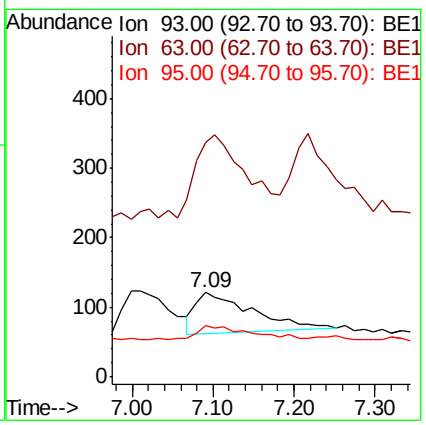


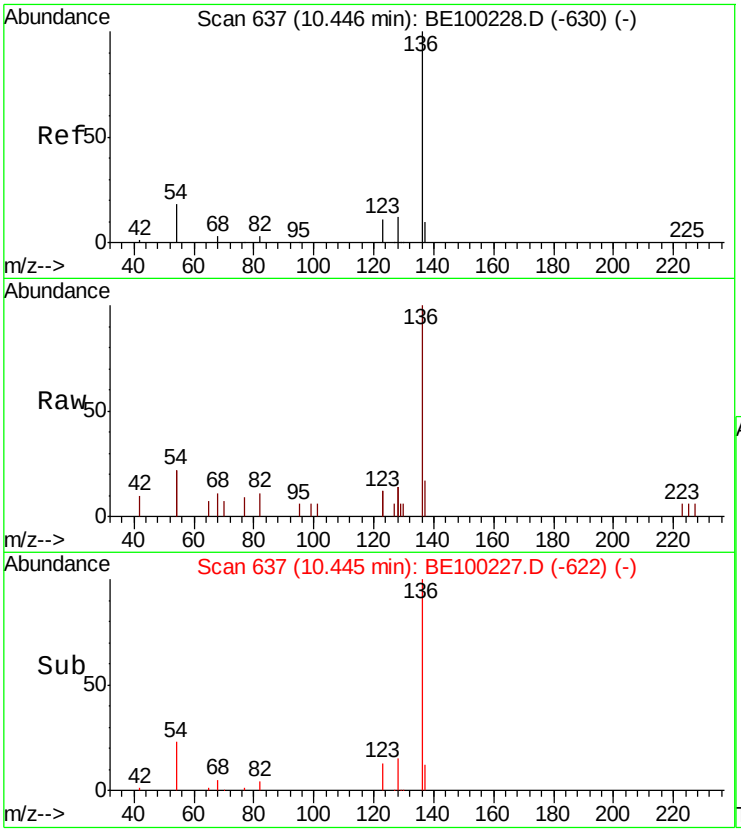


#6
bis(2-Chloroethyl)ether
Concen: 0.182 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion: 93 Resp: 283

Ion	Ratio	Lower	Upper
93	100		
63	190.8	155.6	233.4
95	34.6	23.0	34.4#



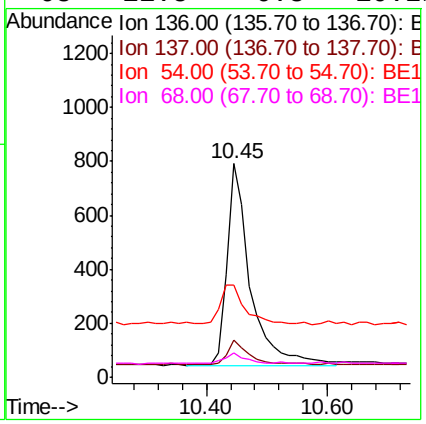


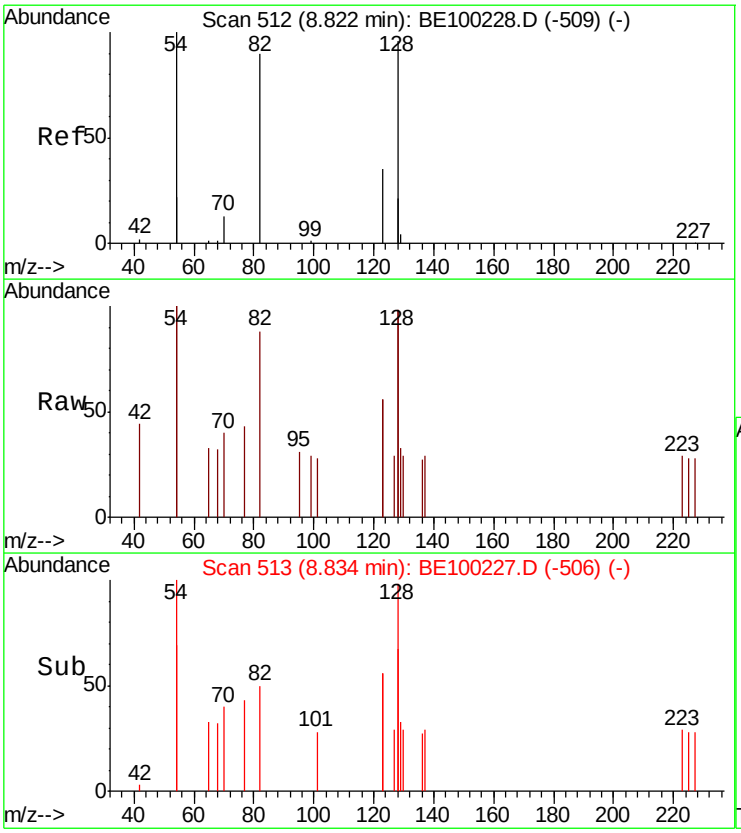
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2023

Ion	Ratio	Lower	Upper
136	100		
137	17.2	11.8	17.8
54	43.2	27.7	41.5#
68	11.5	6.8	10.2#

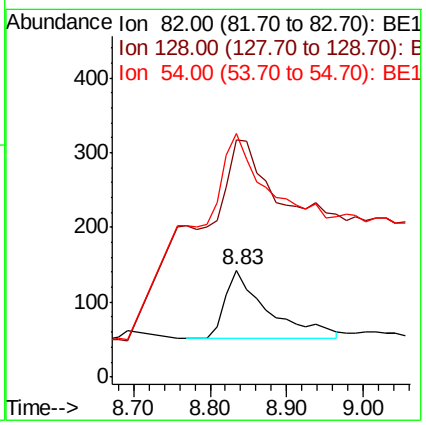


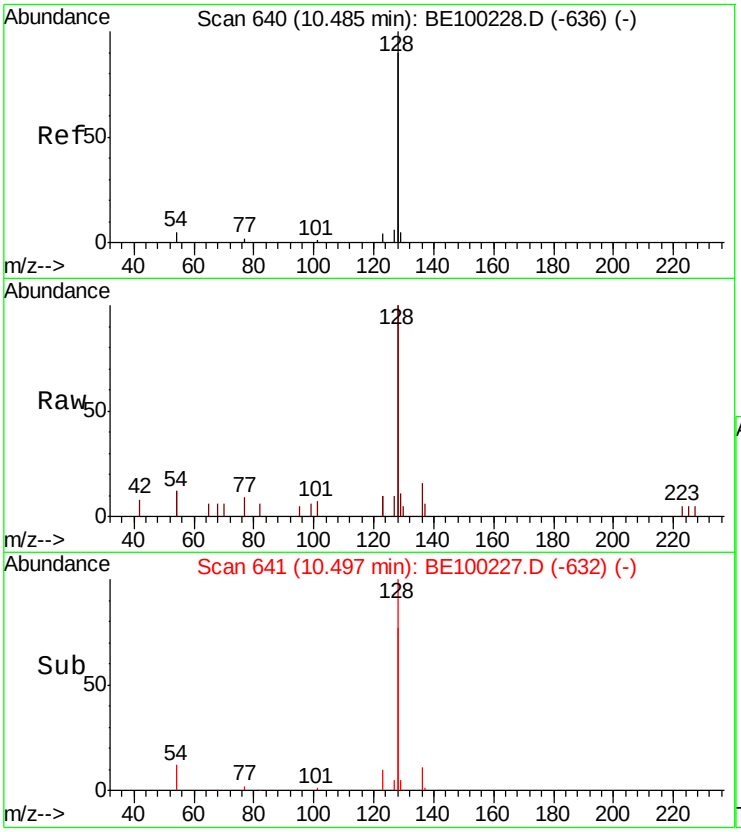


#8
Nitrobenzene-d5
Concen: 0.178 ng
RT: 8.83 min Scan# 513
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion: 82 Resp: 359

Ion	Ratio	Lower	Upper
82	100		
128	222.4	140.9	211.3#
54	228.0	146.2	219.2#



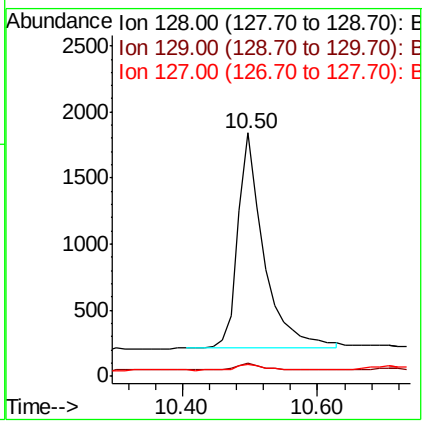


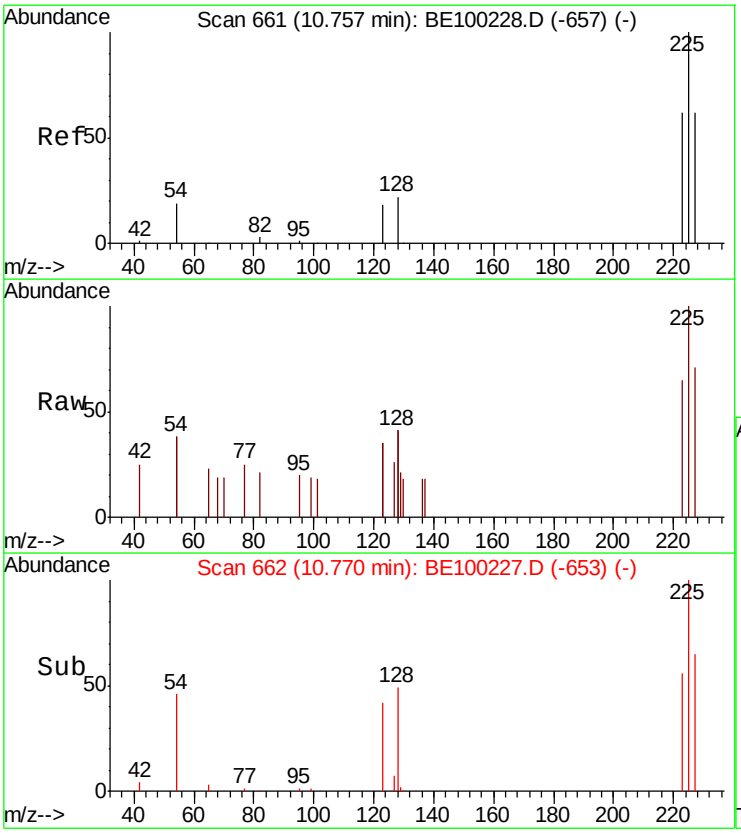
#9
Naphthalene
Concen: 0.198 ng
RT: 10.50 min Scan# 641
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4382

Ion	Ratio	Lower	Upper
128	100		
129	5.3	3.0	4.6#
127	5.1	3.5	5.3

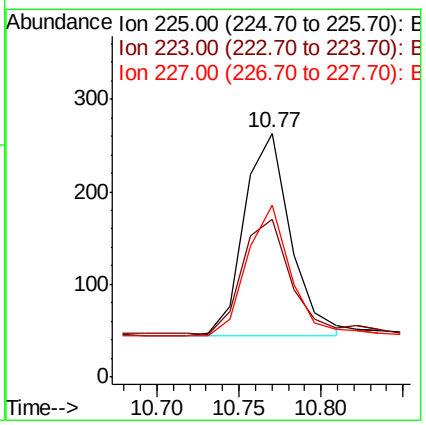


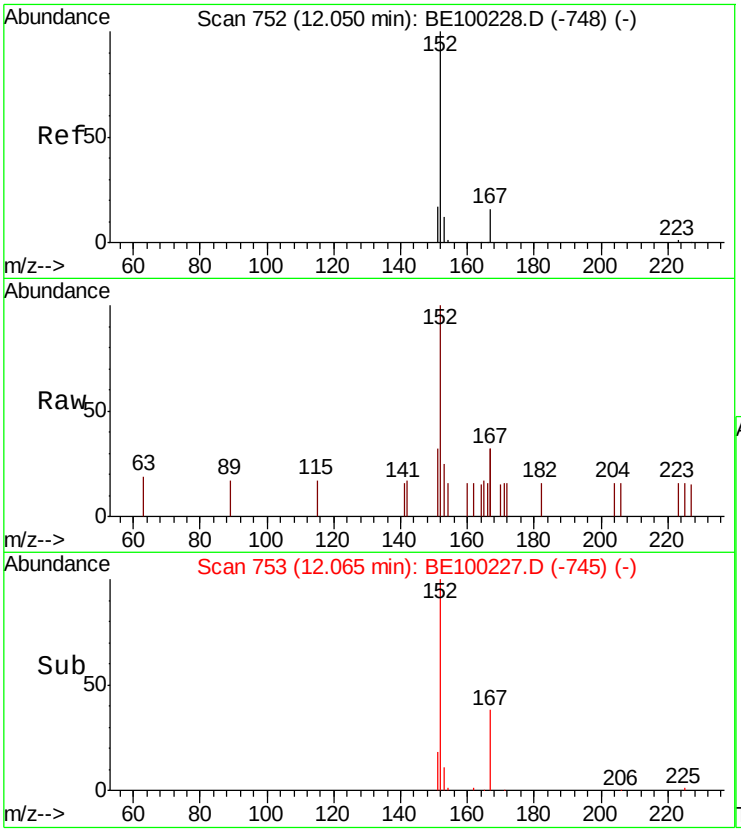


#10
Hexachlorobutadiene
Concen: 0.187 ng
RT: 10.77 min Scan# 662
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:225 Resp: 426

Ion	Ratio	Lower	Upper
225	100		
223	58.7	49.1	73.7
227	61.7	49.3	73.9



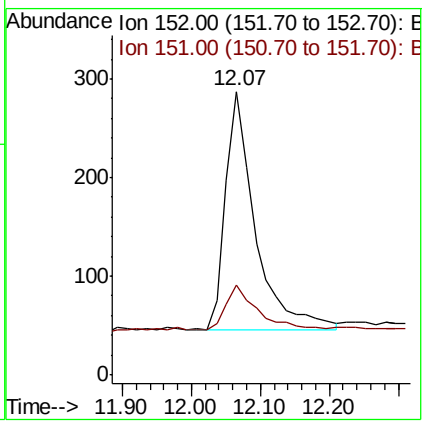


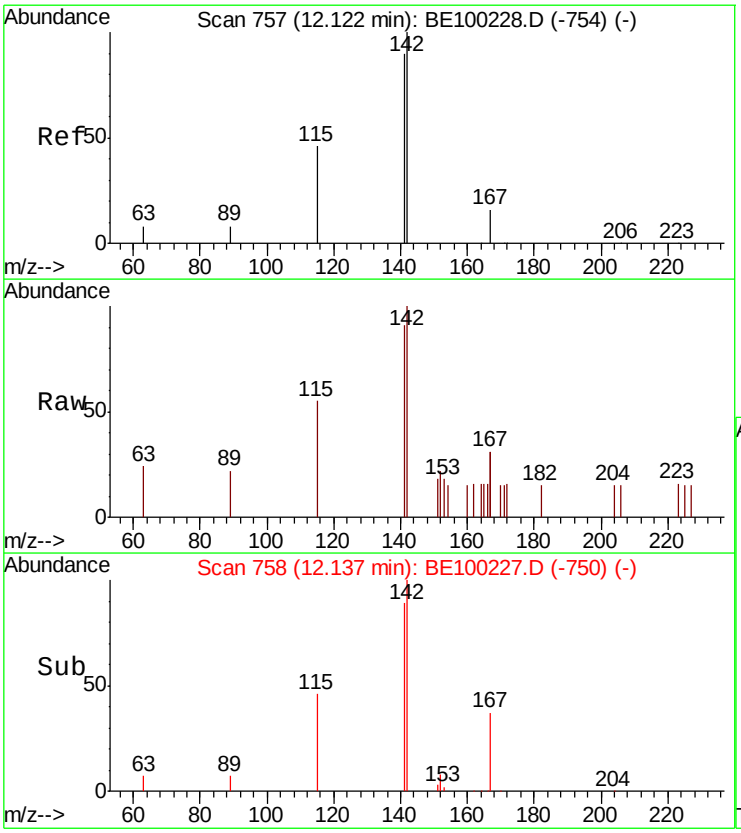
#11
2-Methylnaphthalene-d10
Concen: 0.189 ng
RT: 12.07 min Scan# 753
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 718

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.1	22.7

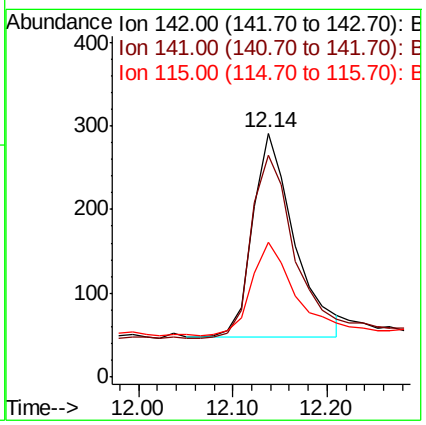


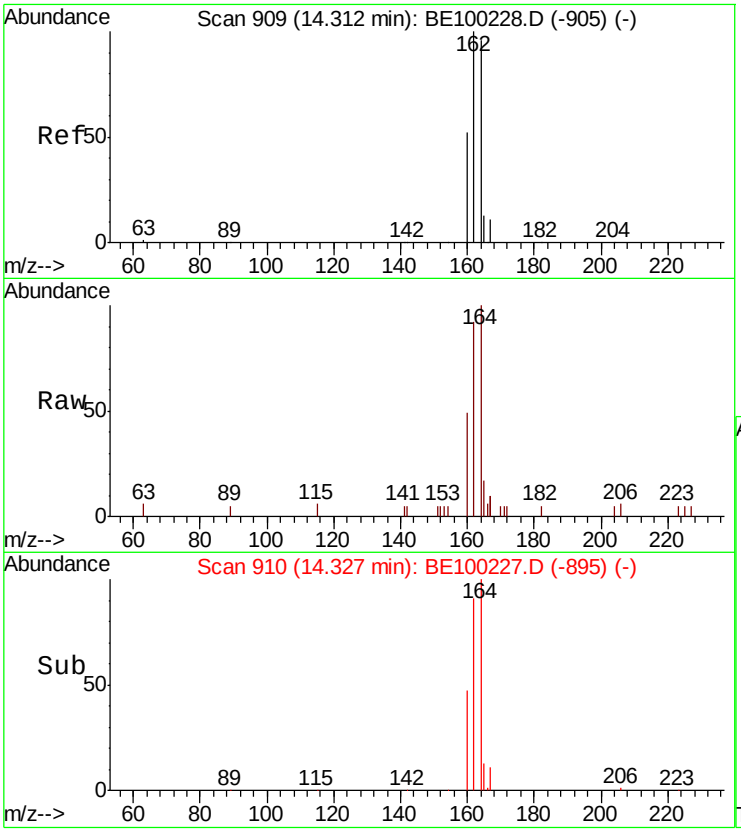


#12
2-Methylnaphthalene
Concen: 0.213 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:142 Resp: 756

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.4	108.6
115	55.3	40.4	60.6



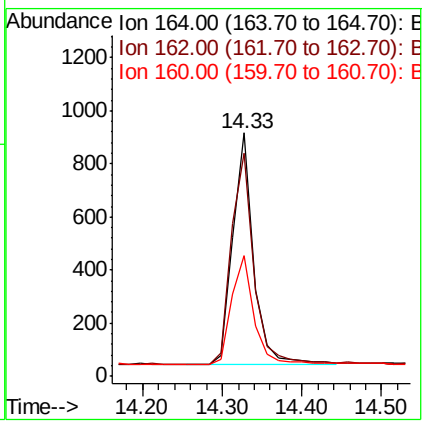


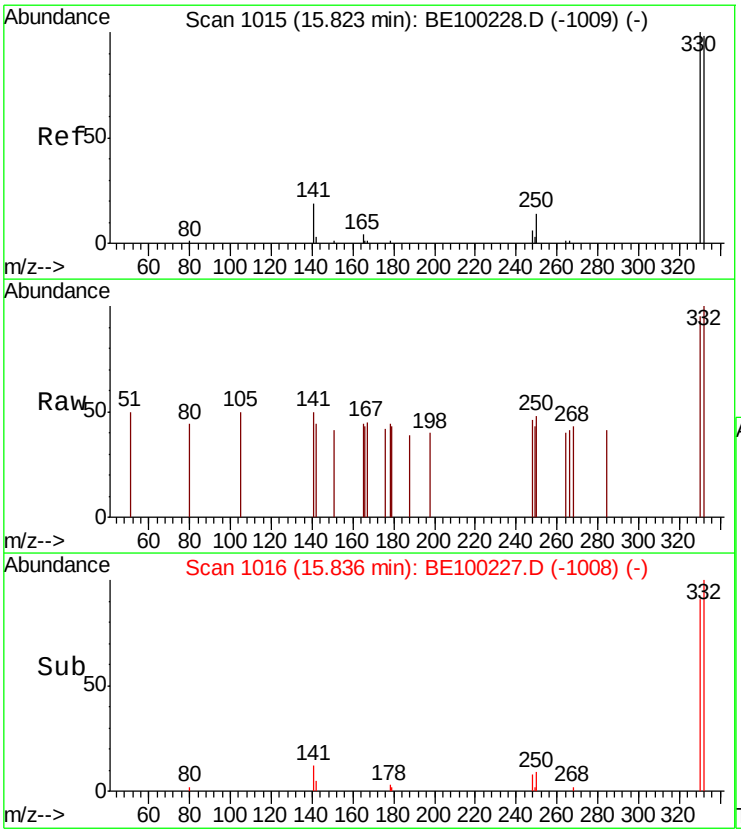
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1565

Ion	Ratio	Lower	Upper
164	100		
162	91.8	83.4	125.0
160	49.4	45.0	67.6

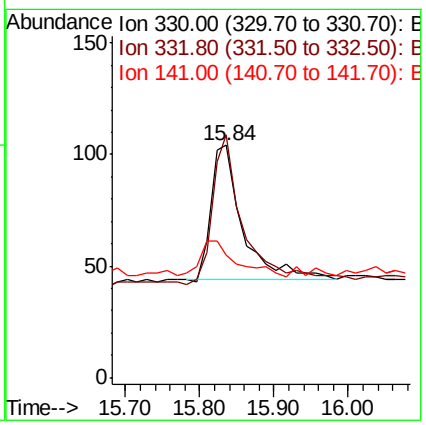


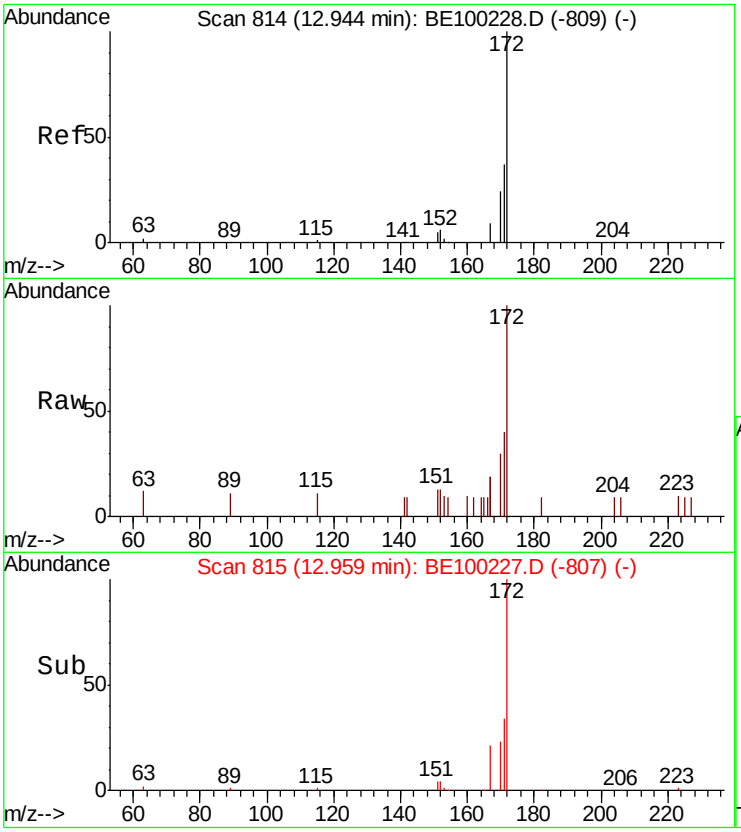


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.84 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:330 Resp: 179

Ion	Ratio	Lower	Upper
330	100		
332	115.6	77.0	115.4#
141	0.0	22.0	33.0#



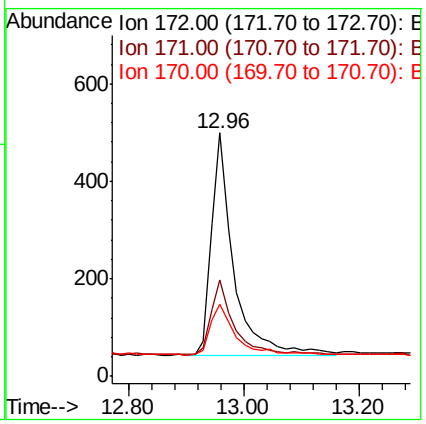


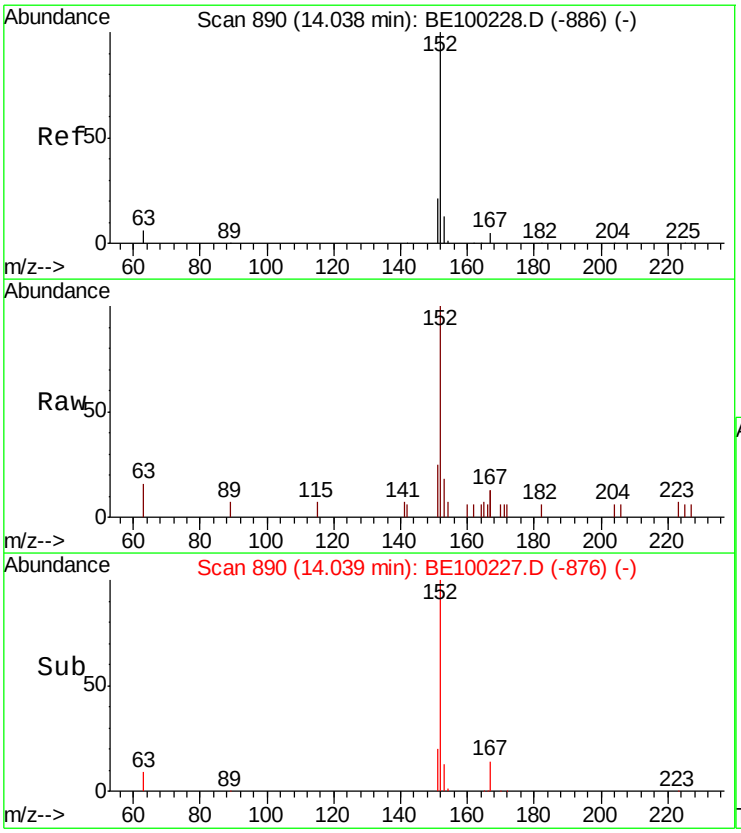
#15
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1212

Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.9	47.9
170	29.7	22.2	33.2

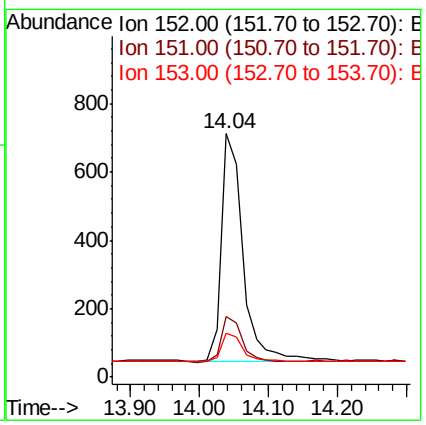


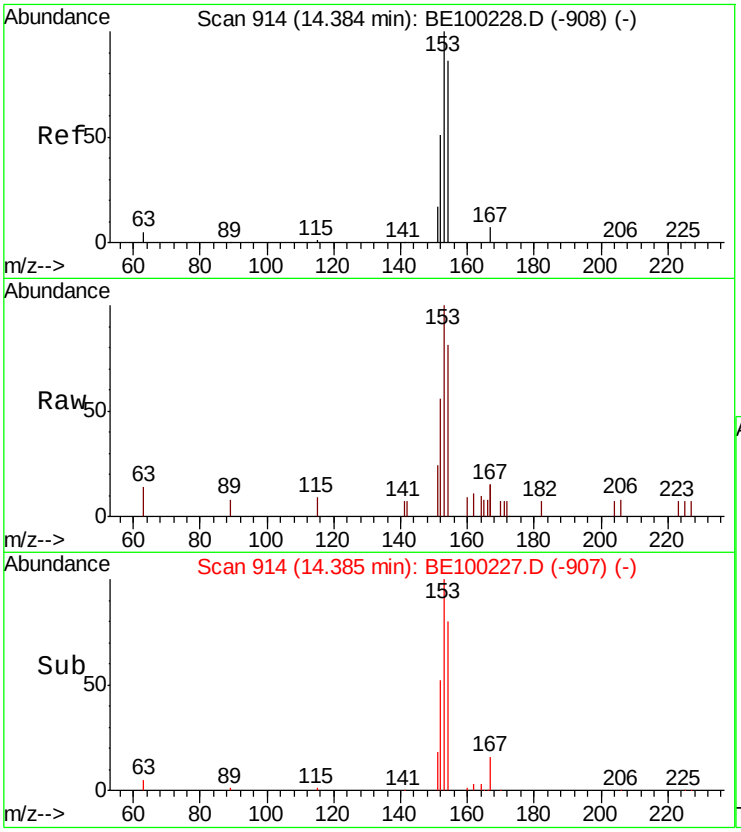


#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:152 Resp: 1456

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	12.5	10.5	15.7



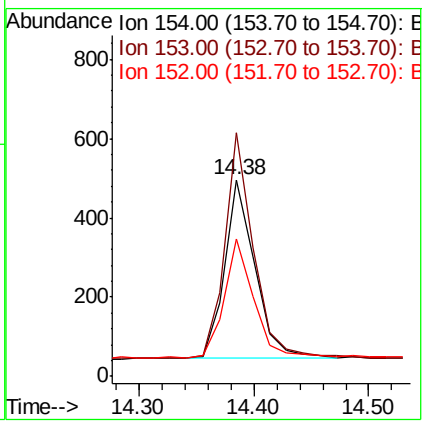


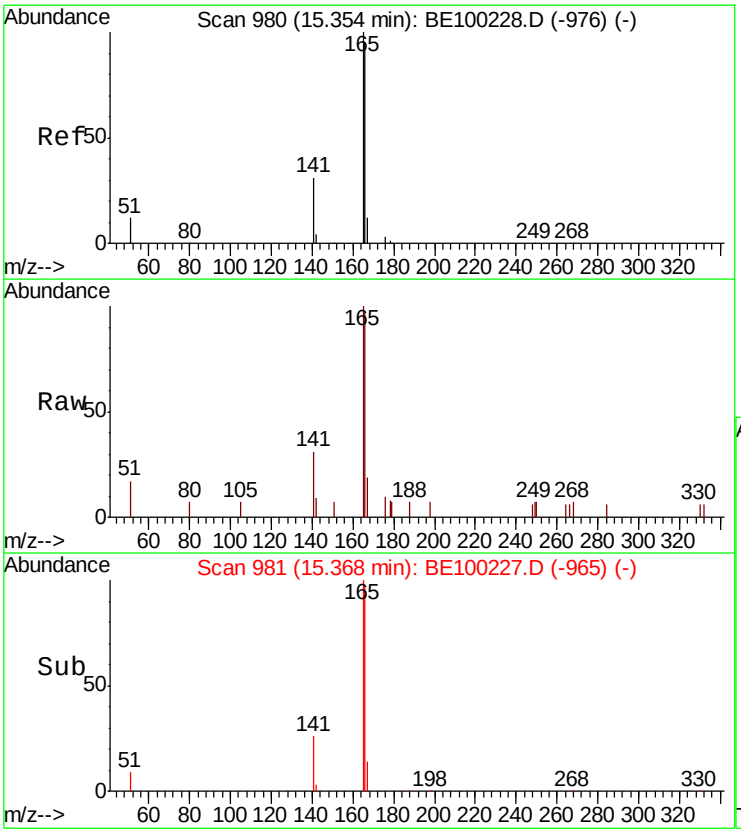
#17
Acenaphthene
Concen: 0.192 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 821

Ion	Ratio	Lower	Upper
154	100		
153	119.4	93.4	140.2
152	65.8	49.4	74.2

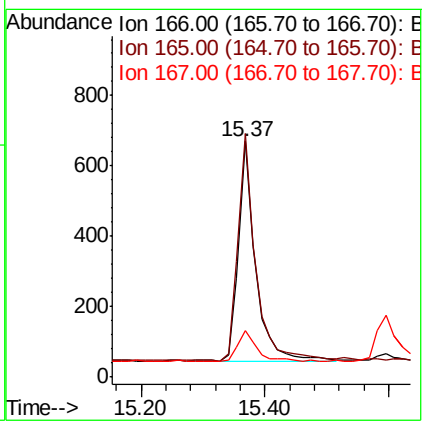


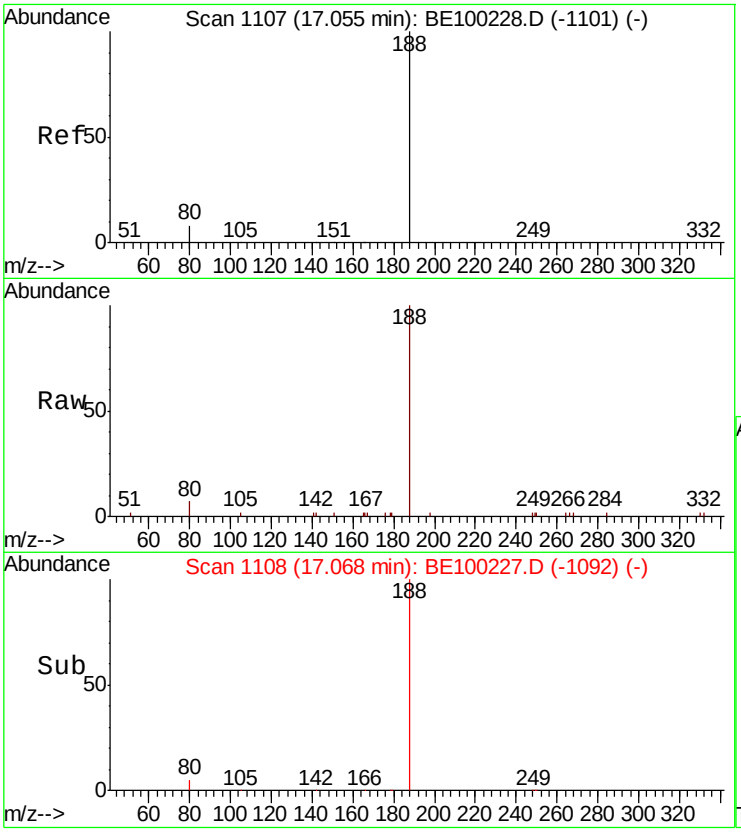


#18
Fluorene
Concen: 0.194 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:166 Resp: 1202

Ion	Ratio	Lower	Upper
166	100		
165	105.7	81.1	121.7
167	14.6	10.7	16.1



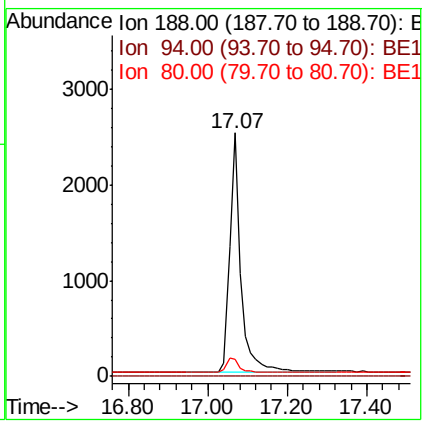


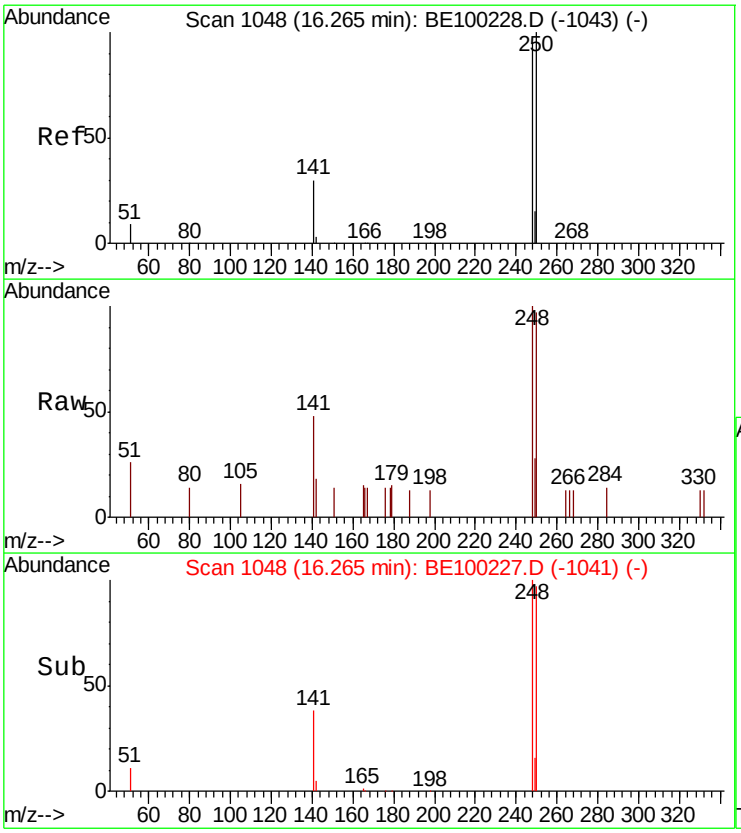
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4865

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

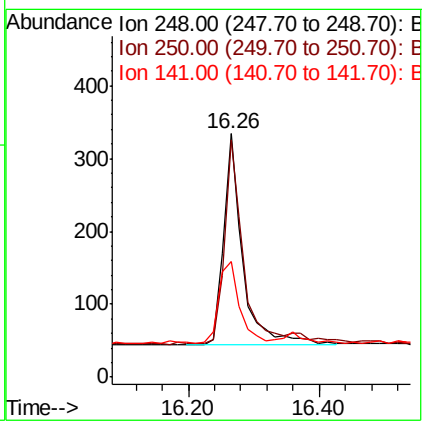


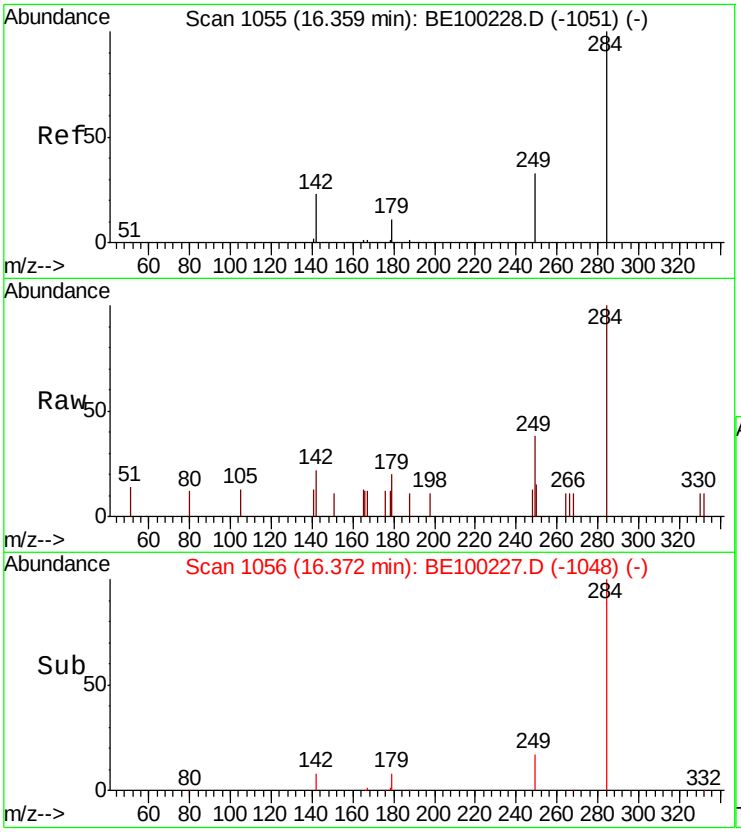


#20
4-Bromophenyl-phenylether
Concen: 0.200 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:248 Resp: 605

Ion	Ratio	Lower	Upper
248	100		
250	97.3	84.2	126.4
141	47.6	29.3	43.9#



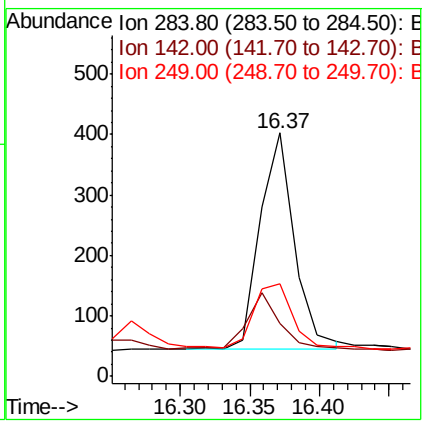


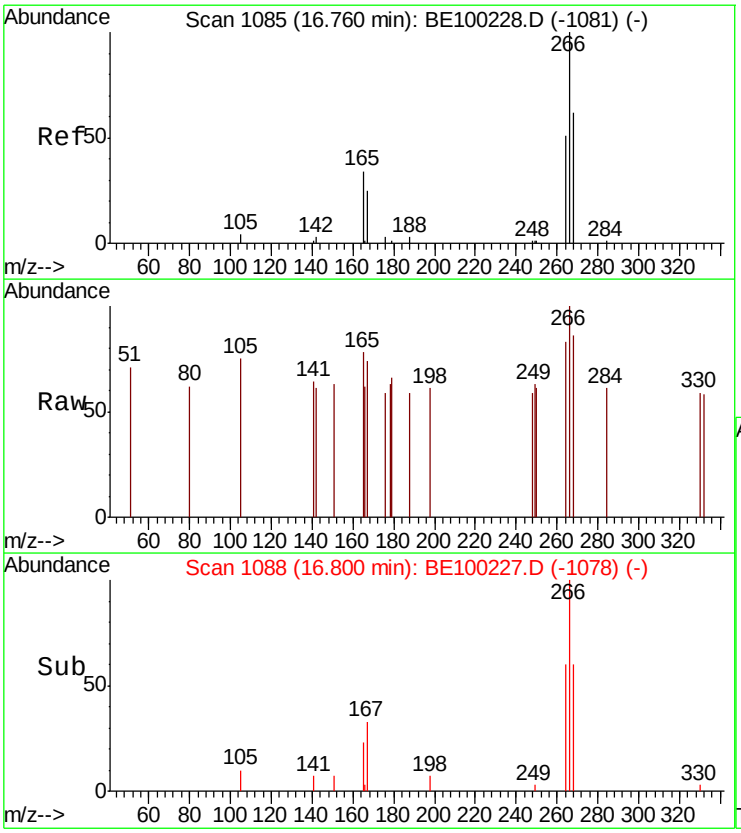
#21
Hexachlorobenzene
Concen: 0.186 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 617

Ion	Ratio	Lower	Upper
284	100		
142	22.7	18.8	28.2
249	31.4	23.7	35.5

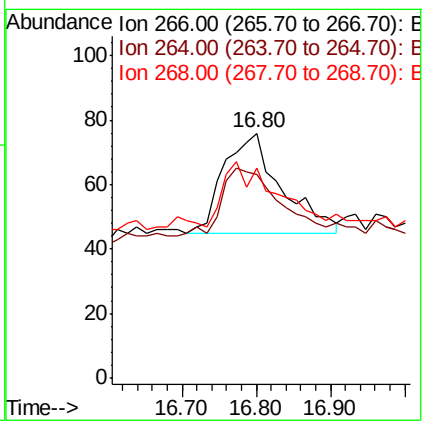


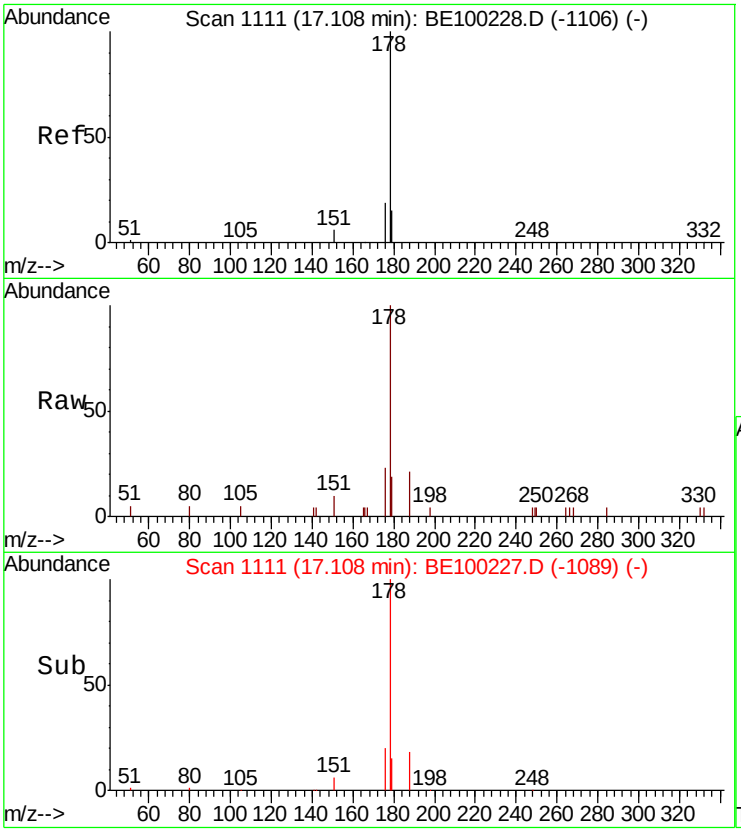


#22
Pentachlorophenol
Concen: 0.213 ng
RT: 16.80 min Scan# 1088
Delta R.T. 0.04 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:266 Resp: 166

Ion	Ratio	Lower	Upper
266	100		
264	82.9	56.2	84.2
268	85.5	61.8	92.6



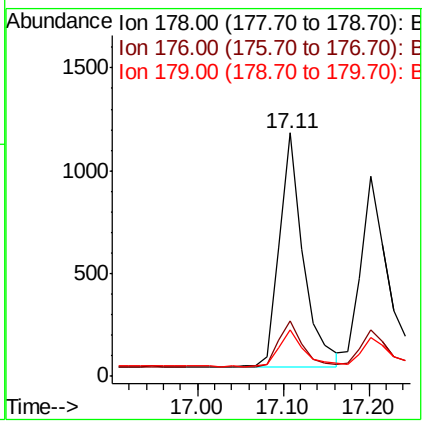


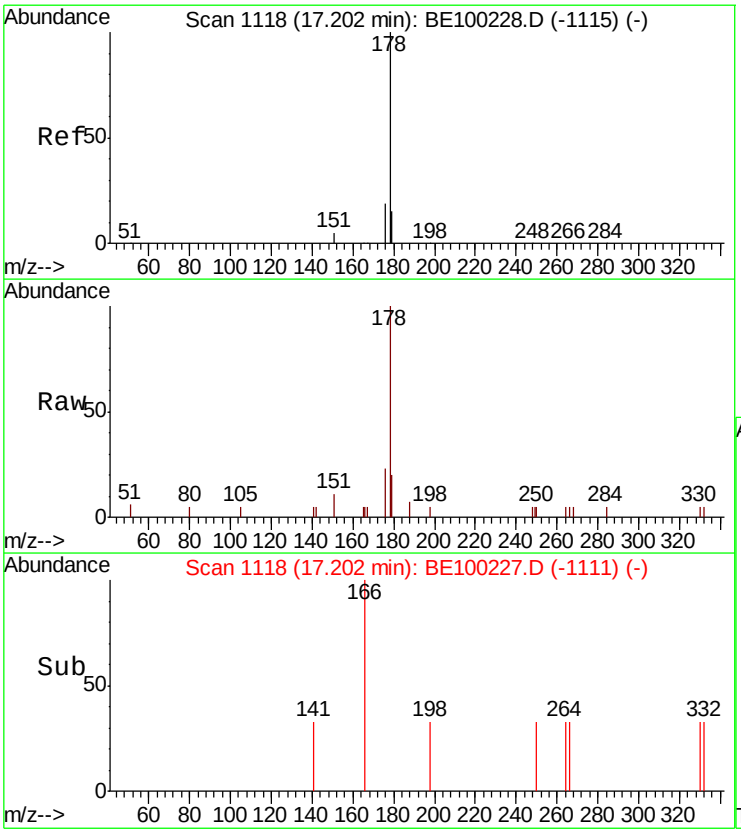
#23
Phenanthrene
Concen: 0.191 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2199

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.4	12.2	18.2

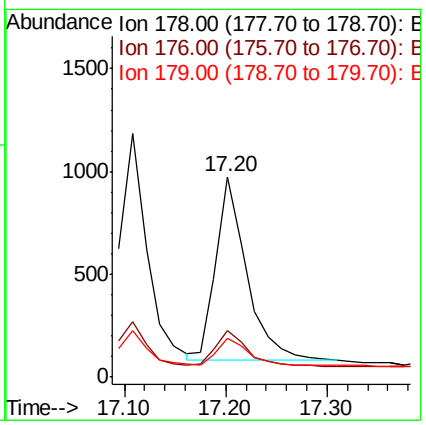


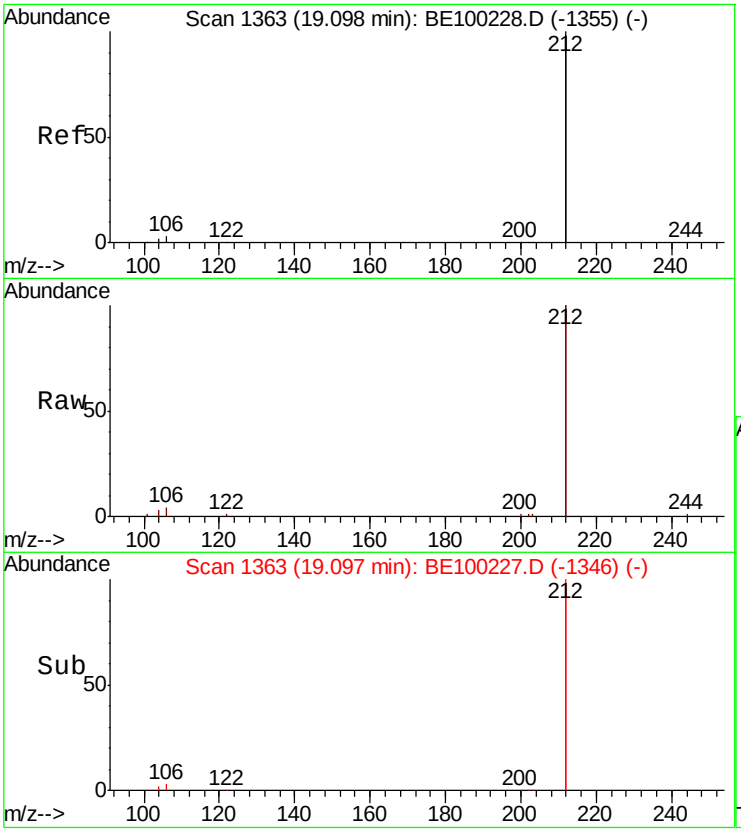


#24
Anthracene
Concen: 0.193 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:178 Resp: 1881

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	14.9	12.2	18.2



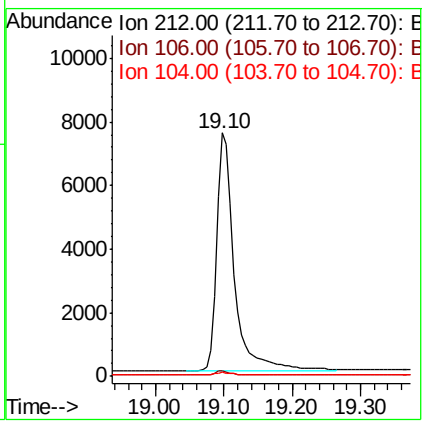


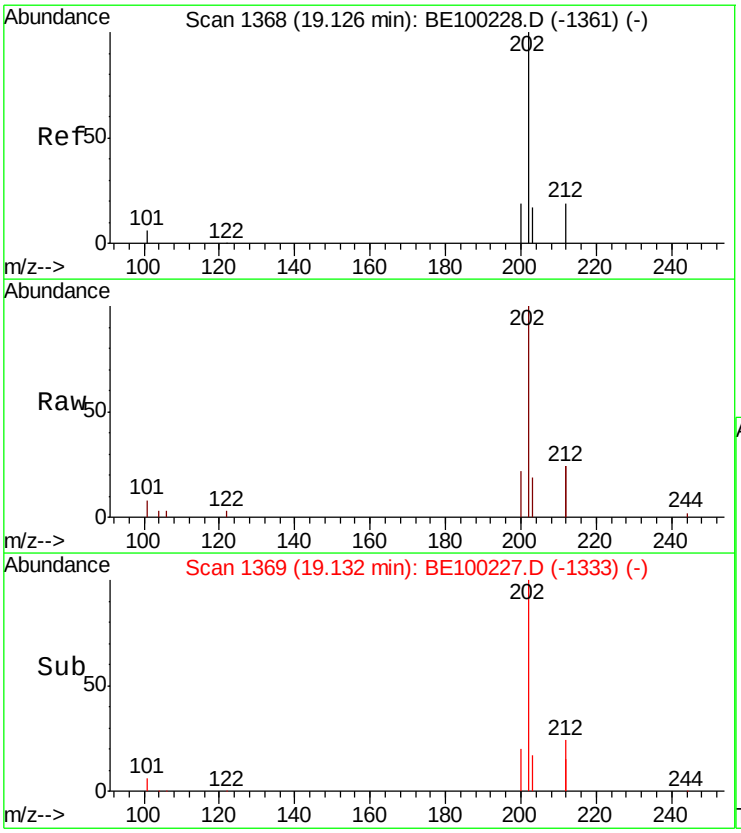
#25
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 13531

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

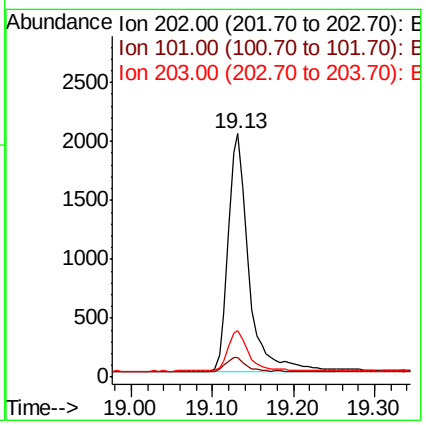


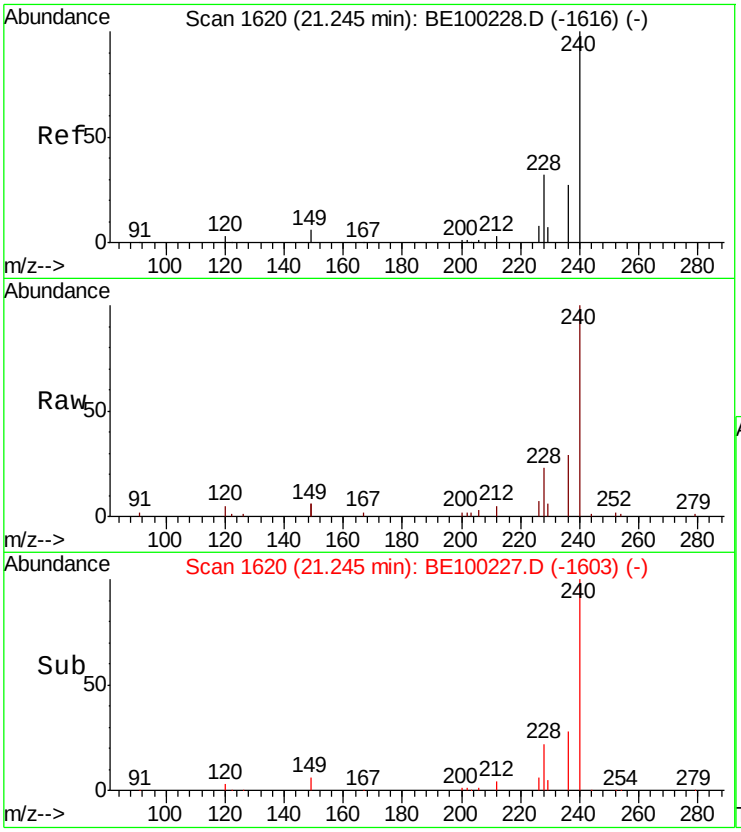


#26
Fluoranthene
Concen: 0.188 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:202 Resp: 3529

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.6	7.0
203	16.9	13.7	20.5



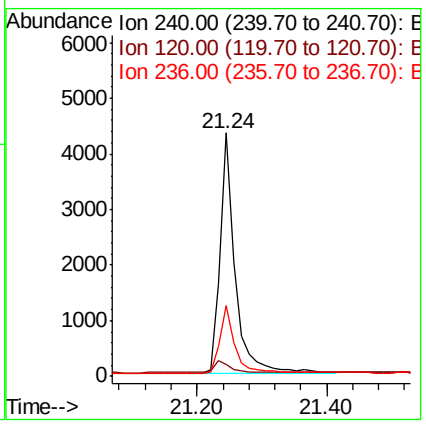


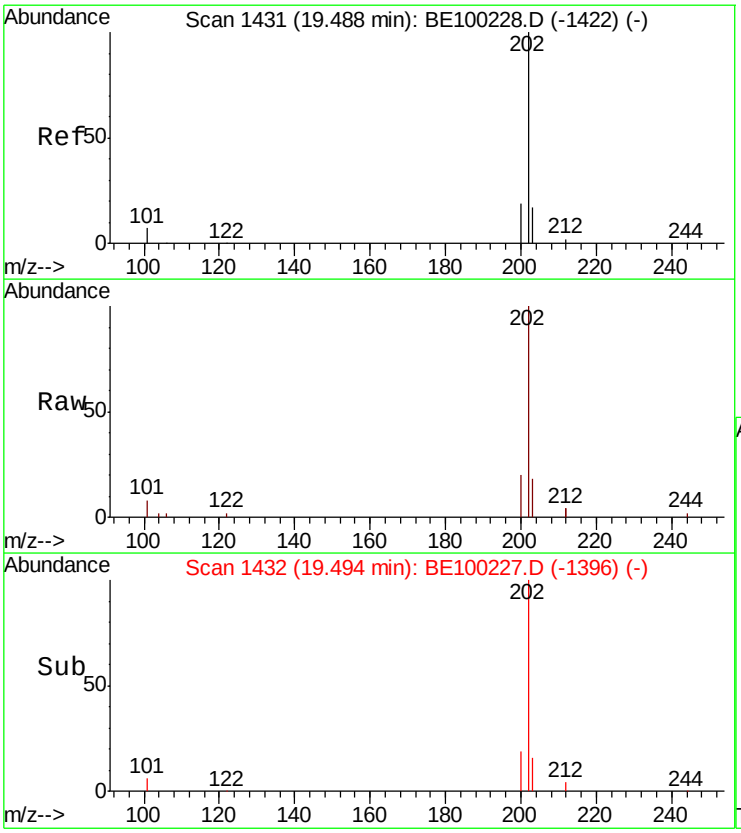
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7139

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.3	4.9
236	28.9	22.6	34.0

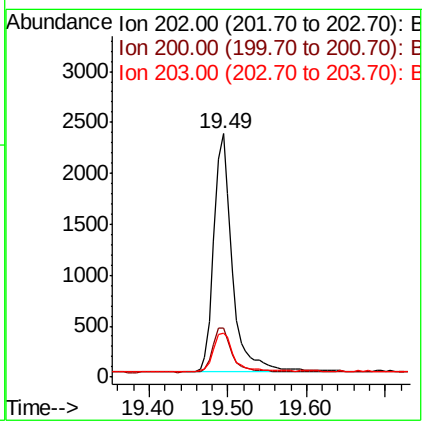


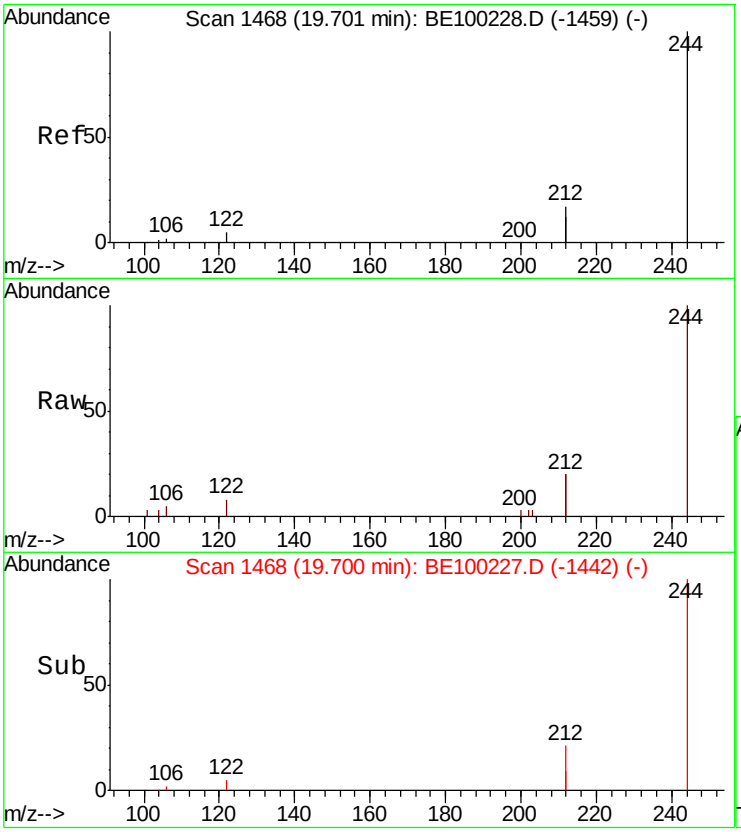


#28
Pyrene
Concen: 0.206 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:202 Resp: 3775

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	18.1	14.0	21.0



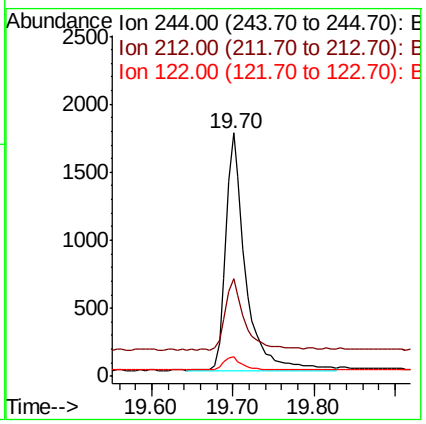


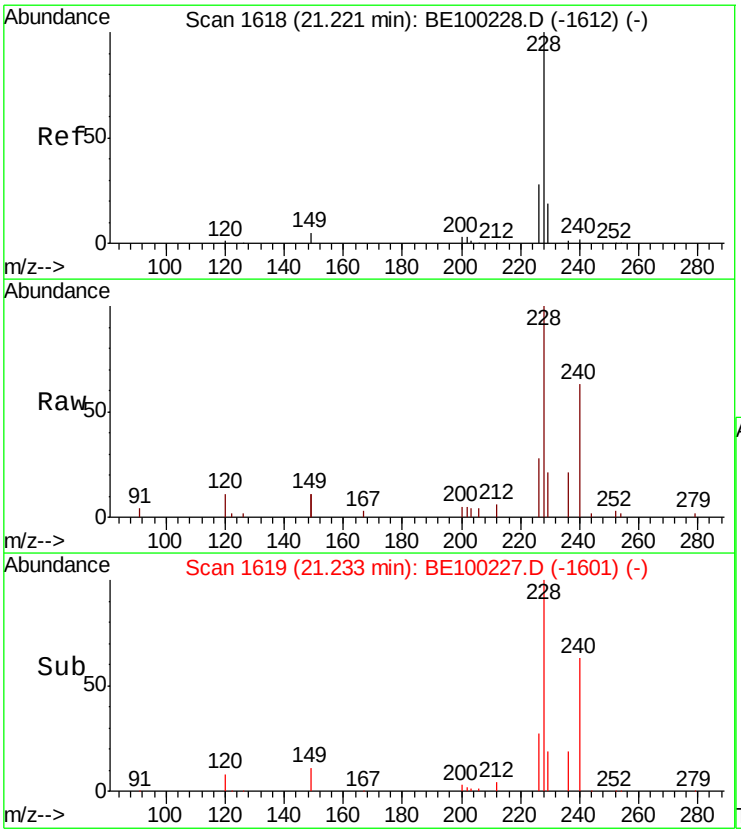
#29
Terphenyl-d14
Concen: 0.208 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2914

Ion	Ratio	Lower	Upper
244	100		
212	40.1	27.3	40.9
122	8.0	4.7	7.1#

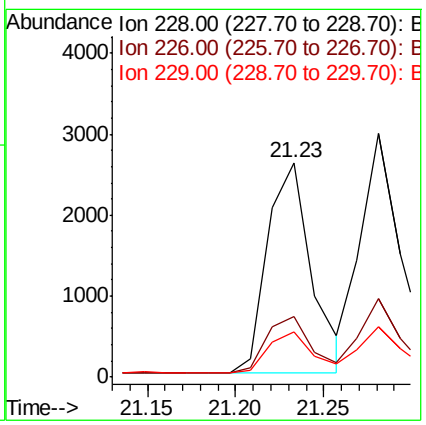


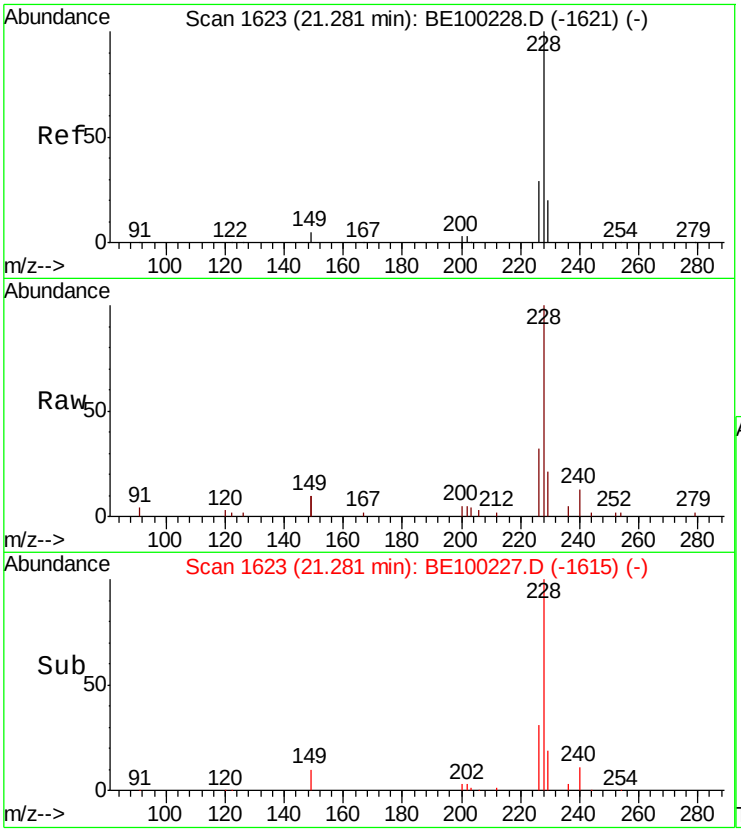


#30
Benzo(a)anthracene
Concen: 0.215 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:228 Resp: 4524

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.2	34.8
229	21.1	15.7	23.5



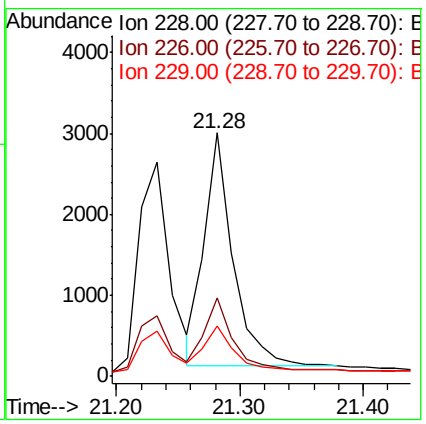


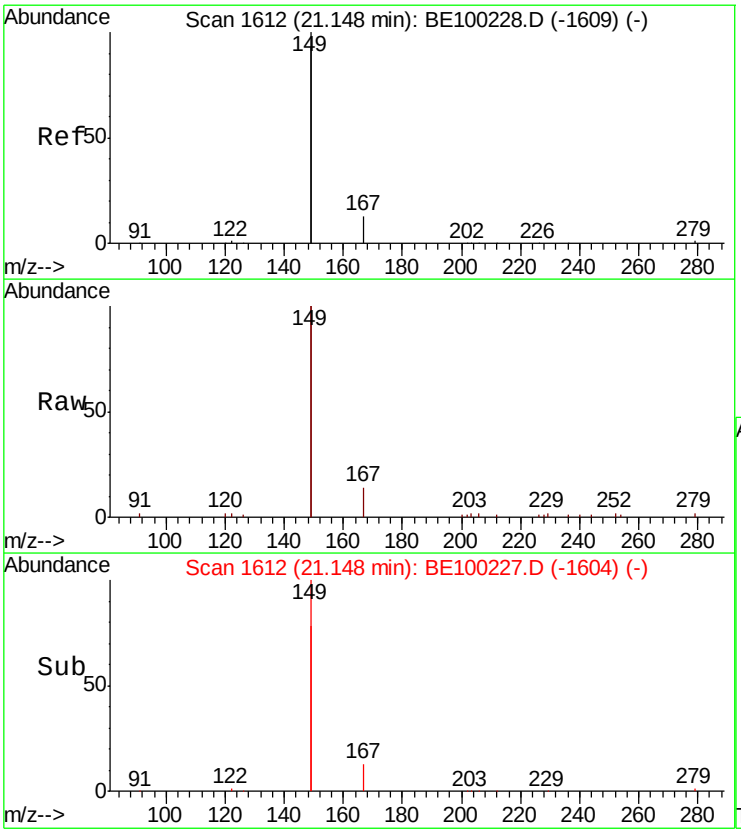
#31
Chrysene
Concen: 0.191 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4706

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.9	35.9
229	20.9	16.5	24.7

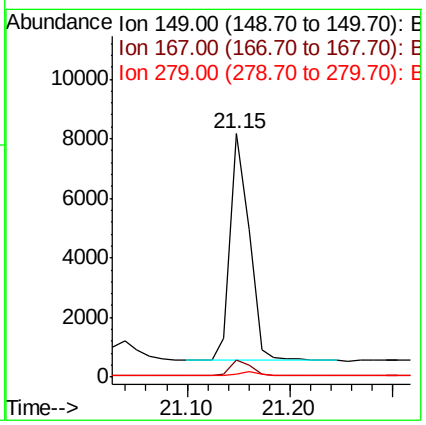


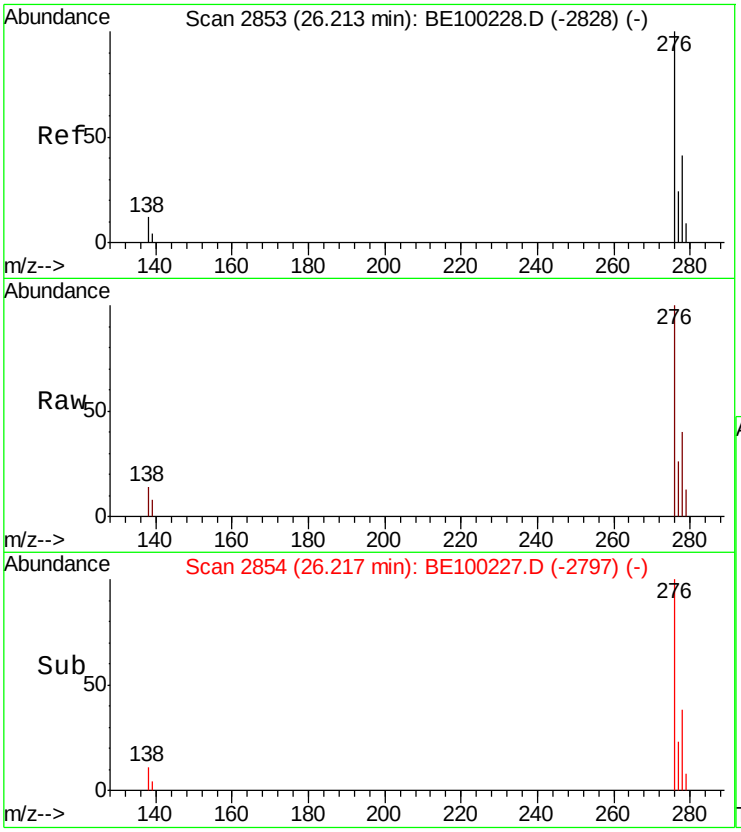


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.404 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:149 Resp: 9769

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



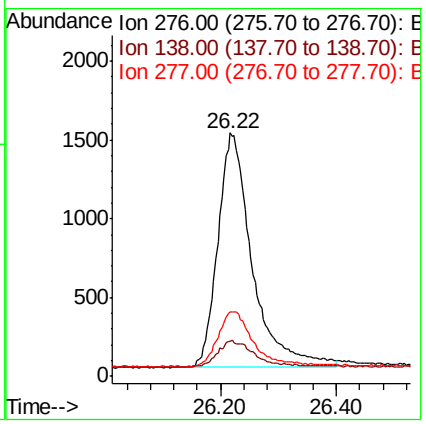


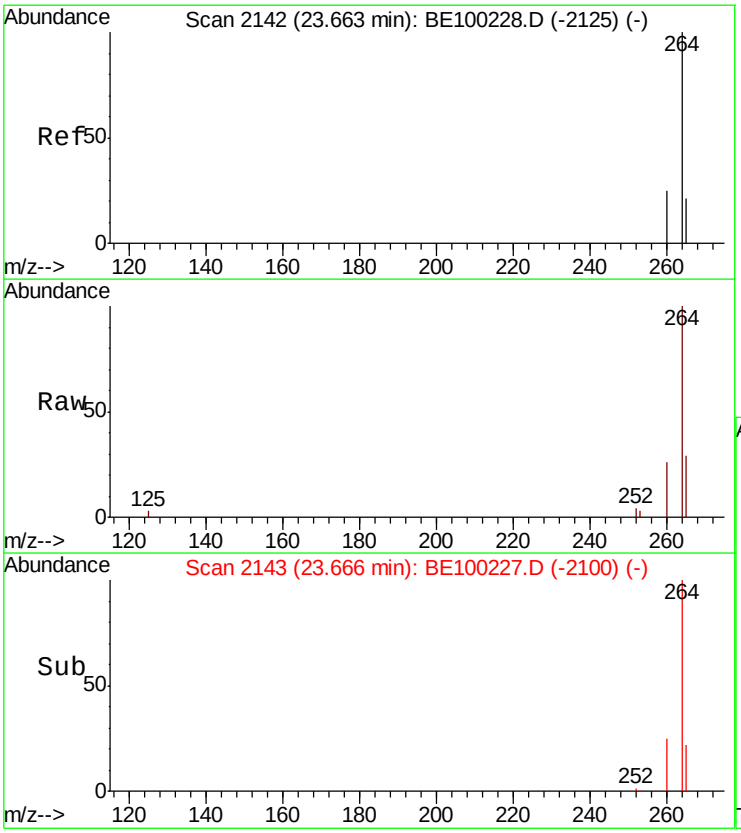
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6125

Ion	Ratio	Lower	Upper
276	100		
138	11.5	9.4	14.0
277	23.4	19.2	28.8

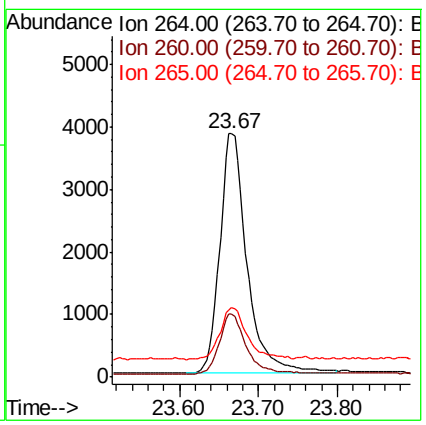


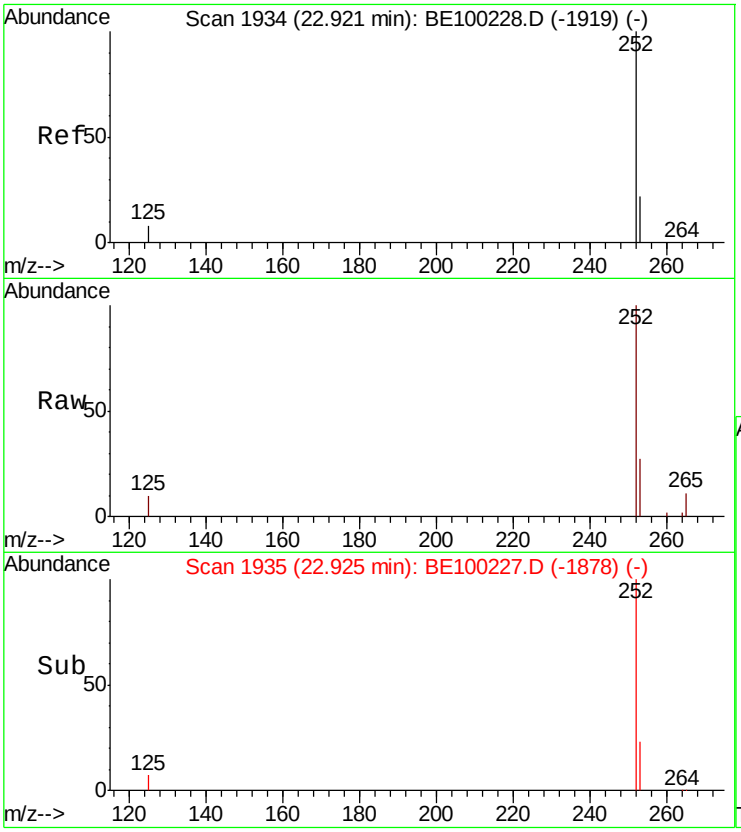


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:264 Resp: 9208

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	28.8	21.8	32.6



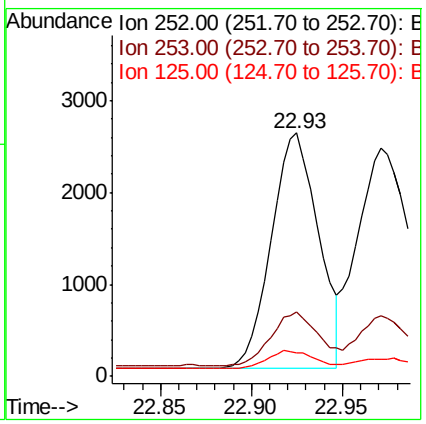


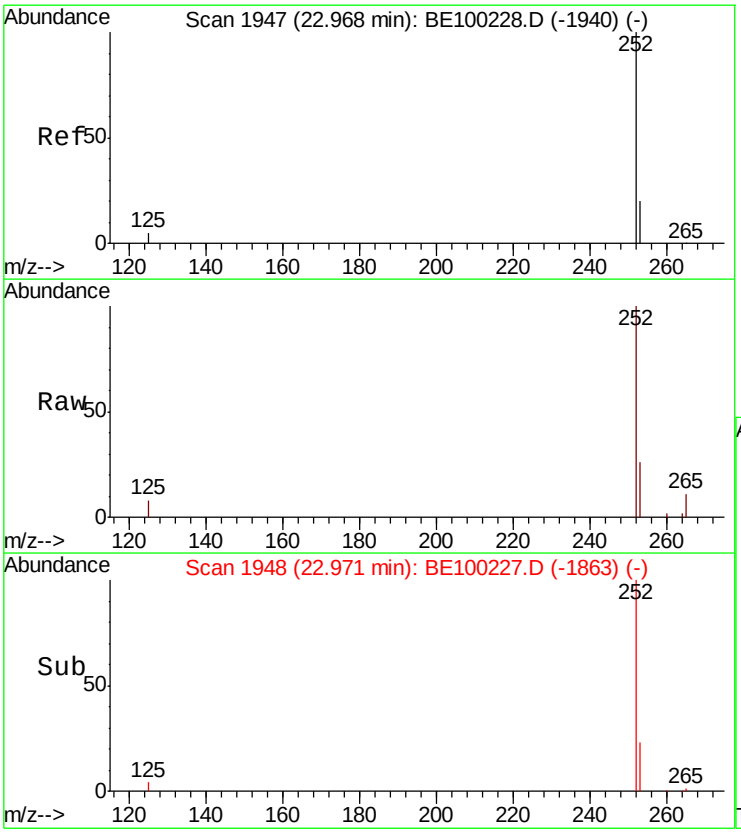
#35
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4603

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.2	28.8
125	9.8	7.4	11.0

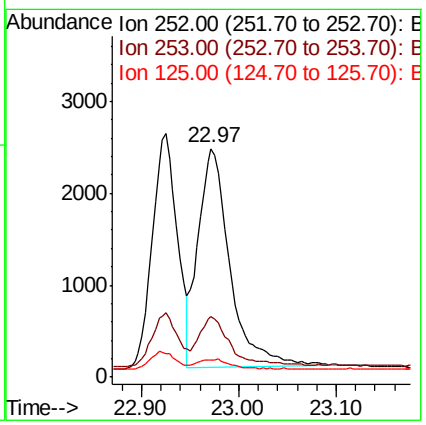


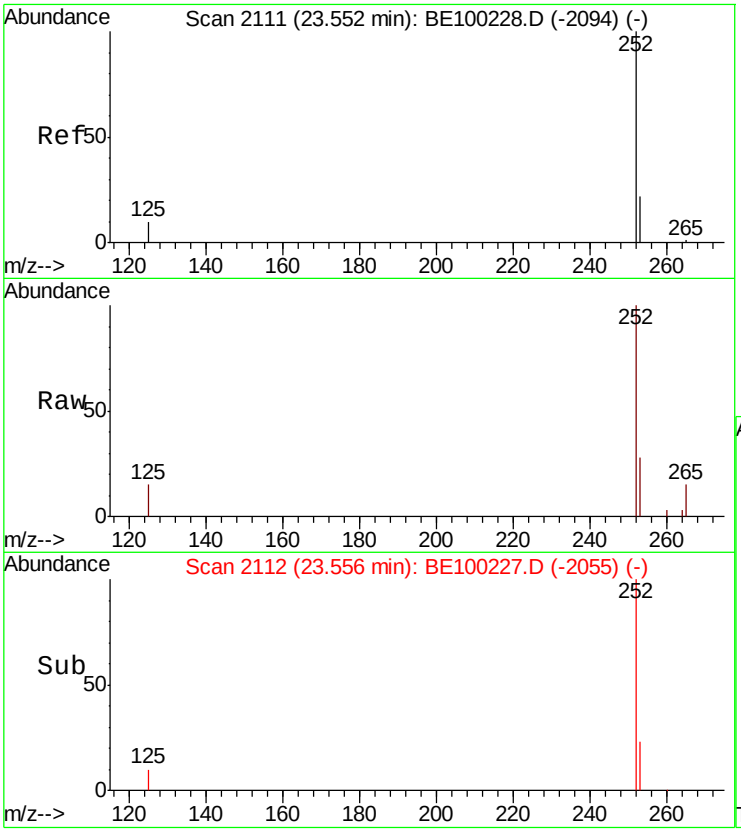


#36
Benzo(k)fluoranthene
Concen: 0.183 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:252 Resp: 5421

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	7.7	5.0	7.4#



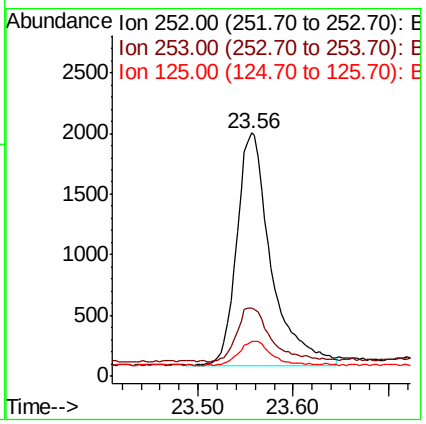


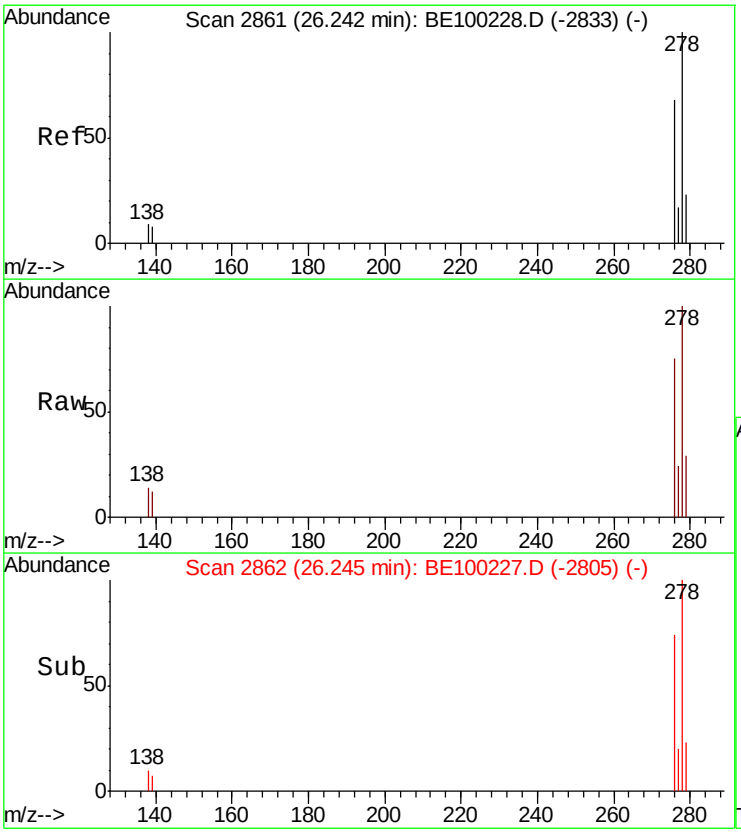
#37
Benzo(a)pyrene
Concen: 0.187 ng
RT: 23.56 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4803

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.6	29.4
125	14.6	9.0	13.6#

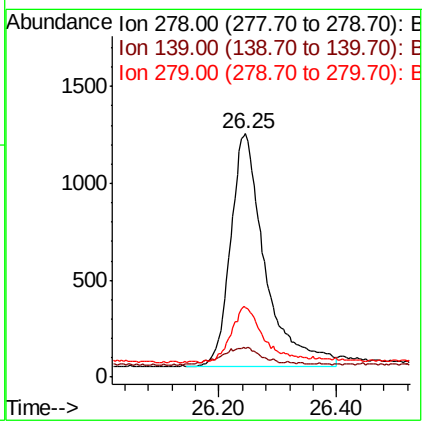


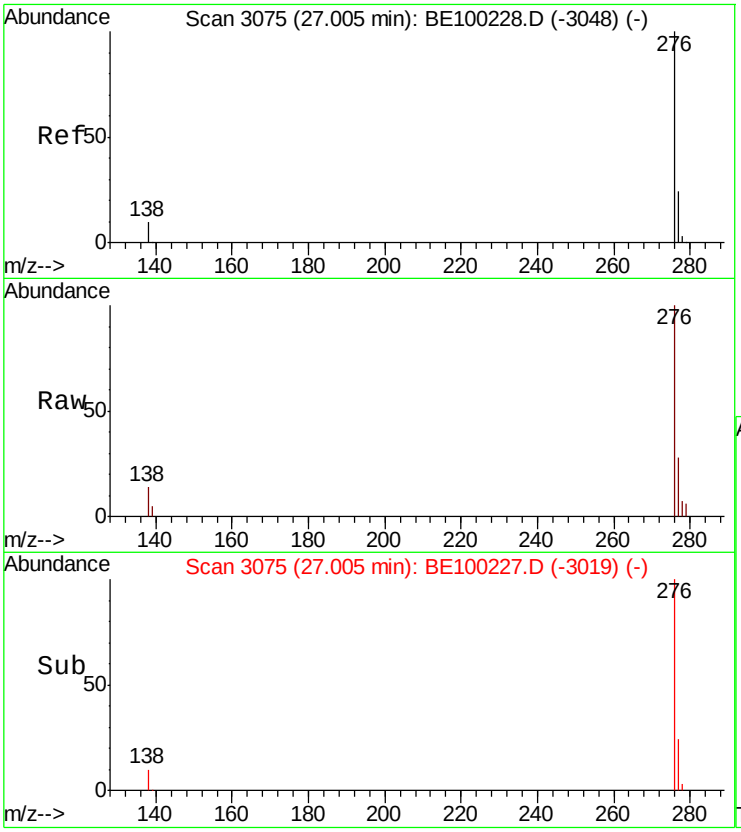


#38
Dibenzo(a,h)anthracene
Concen: 0.177 ng
RT: 26.25 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Tgt Ion:278 Resp: 4866

Ion	Ratio	Lower	Upper
278	100		
139	11.9	8.2	12.2
279	28.6	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.177 ng
RT: 27.01 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BE100227.D
Acq: 28 Jun 2019 9:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5086

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.2	30.2
138	13.8	9.0	13.6#