Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100198.D
Acq On : 27 Jun 2019 10:08
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 27 18:51:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	743	0.40	ng		-0.01
7) Naphthalene-d8	10.44	136	2427	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	1898	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	6040	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	7811	0.40	ng		-0.04
34) Perylene-d12	23.67	264	8633	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	692	0.42	ng		-0.01
5) Phenol-d6	6.85	99	929	0.41	ng		-0.02
8) Nitrobenzene-d5	8.83	82	956	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	1872	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	336	0.31	ng		-0.01
15) 2-Fluorobiphenyl	12.96	172	3009	0.40	ng		-0.01
25) Fluoranthene-d10	19.10	212	33945	0.39	ng		-0.03
29) Terphenyl-d14	19.71	244	6873	0.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	442	0.380	ng		95
3) n-Nitrosodimethylamine	3.50	42	233	0.542	ng	#	14
6) bis(2-Chloroethyl)ether	7.10	93	845	0.406	ng	#	84
9) Naphthalene	10.50	128	11153	0.421	ng	#	97
10) Hexachlorobutadiene	10.77	225	1116	0.408	ng		97
12) 2-Methylnaphthalene	12.14	142	1741	0.408	ng		97
16) Acenaphthylene	14.04	152	3712	0.401	ng		99
17) Acenaphthene	14.39	154	2110	0.407	ng		99
18) Fluorene	15.37	166	3133	0.418	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	1561	0.416	ng		98
21) Hexachlorobenzene	16.37	284	1650	0.401	ng		99
22) Pentachlorophenol	16.72	266	7	0.276	ng		87
23) Phenanthrene	17.11	178	6012	0.420	ng		99
24) Anthracene	17.20	178	5014	0.415	ng		99
26) Fluoranthene	19.13	202	9174	0.394	ng		99
28) Pyrene	19.49	202	9208	0.460	ng		100
30) Benzo(a)anthracene	21.23	228	9769	0.424	ng		98
31) Chrysene	21.28	228	11154	0.413	ng		98
32) Bis(2-ethylhexyl)phthalate	21.16	149	10402	0.393	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	12152	0.316	ng	#	96
35) Benzo(b)fluoranthene	22.92	252	9768	0.421	ng		100
36) Benzo(k)fluoranthene	22.98	252	11302	0.407	ng		99
37) Benzo(a)pyrene	23.56	252	9933	0.413	ng		99
38) Dibenzo(a,h)anthracene	26.26	278	9166	0.356	ng		97
39) Benzo(g,h,i)perylene	27.02	276	10032	0.373	ng		99

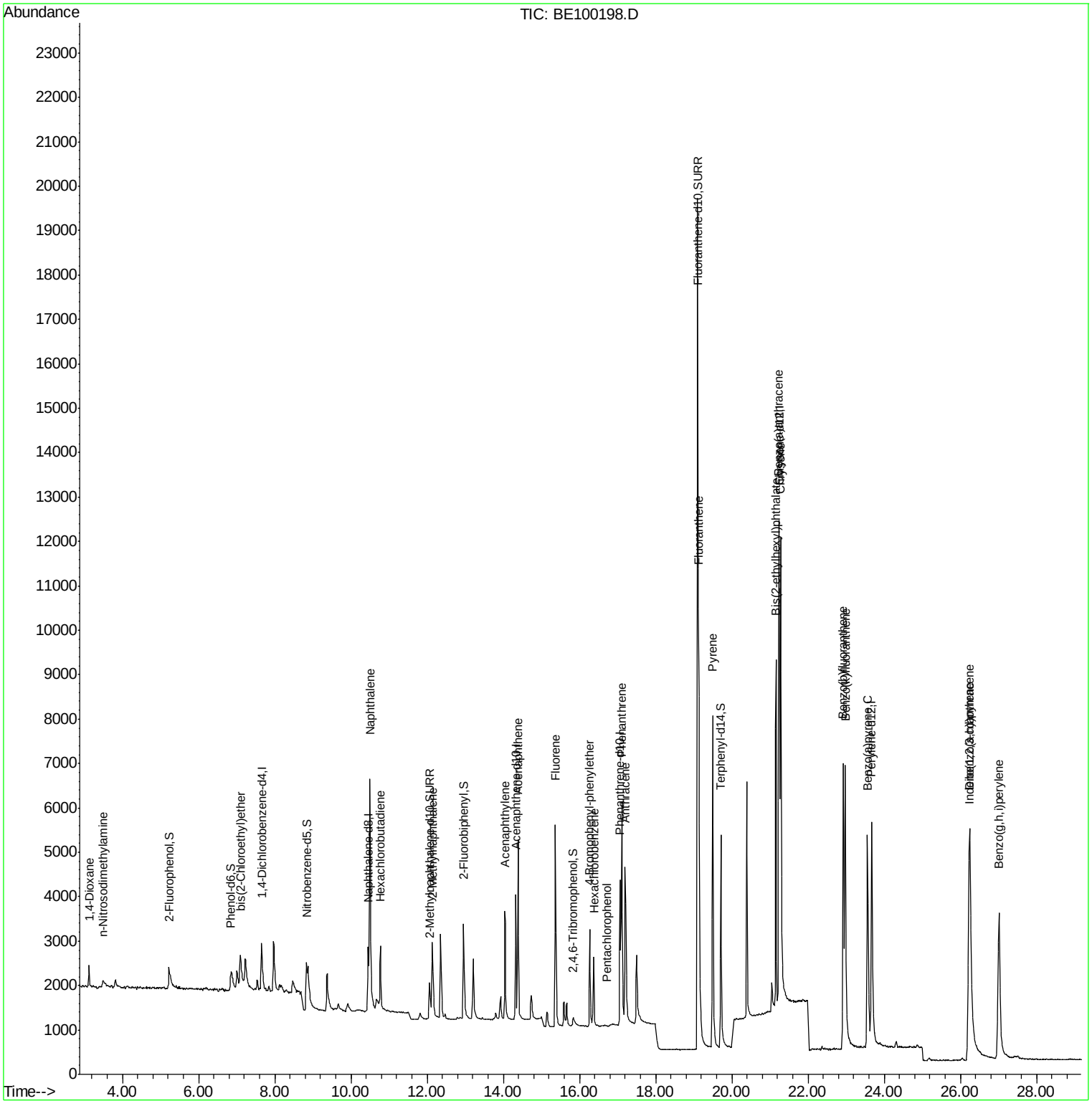
(#) = qualifier out of range (m) = manual integration (+) = signals summed

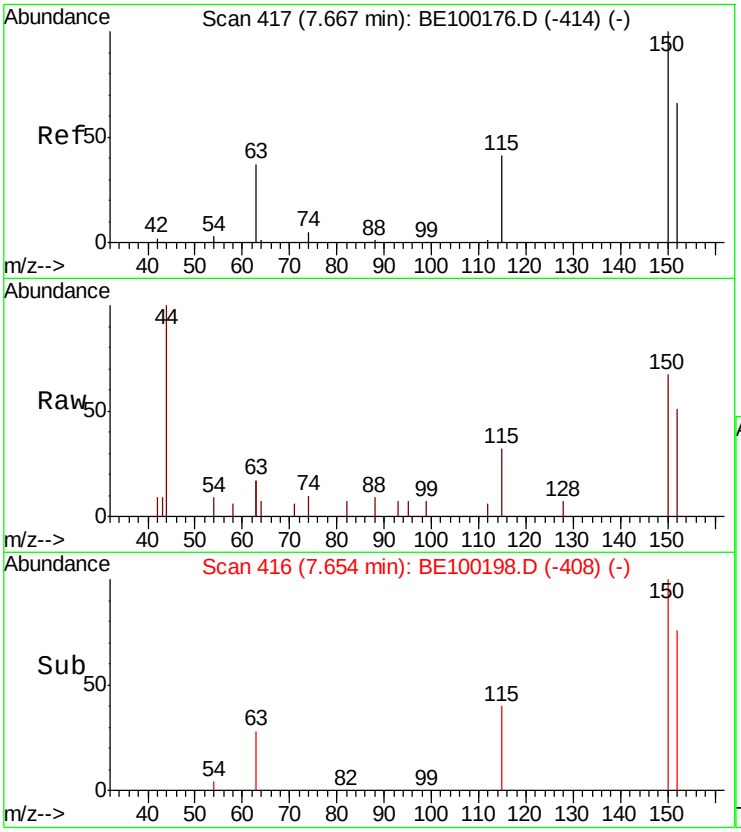
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100198.D
Acq On : 27 Jun 2019 10:08
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 27 18:51:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



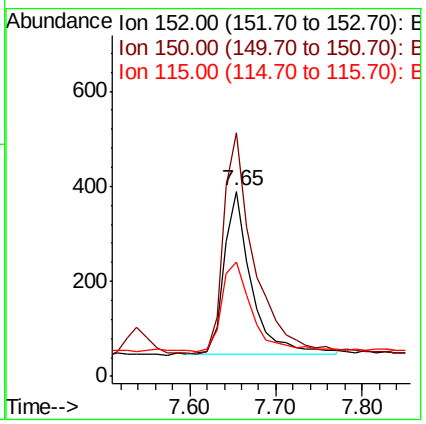


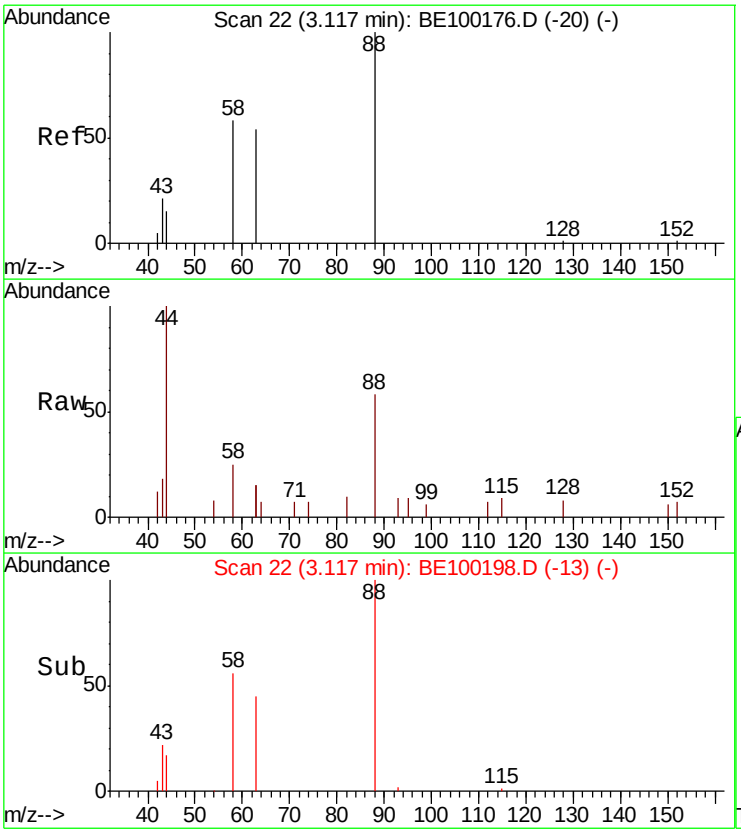
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 743

Ion	Ratio	Lower	Upper
152	100		
150	131.3	113.4	170.2
115	61.8	55.8	83.6

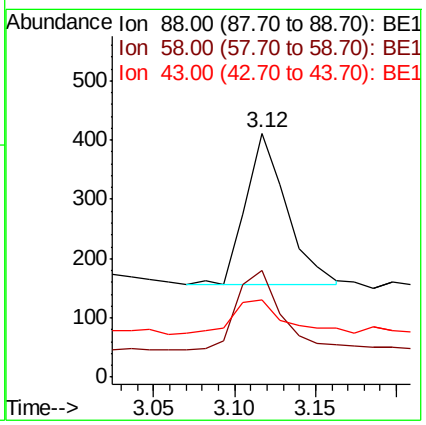


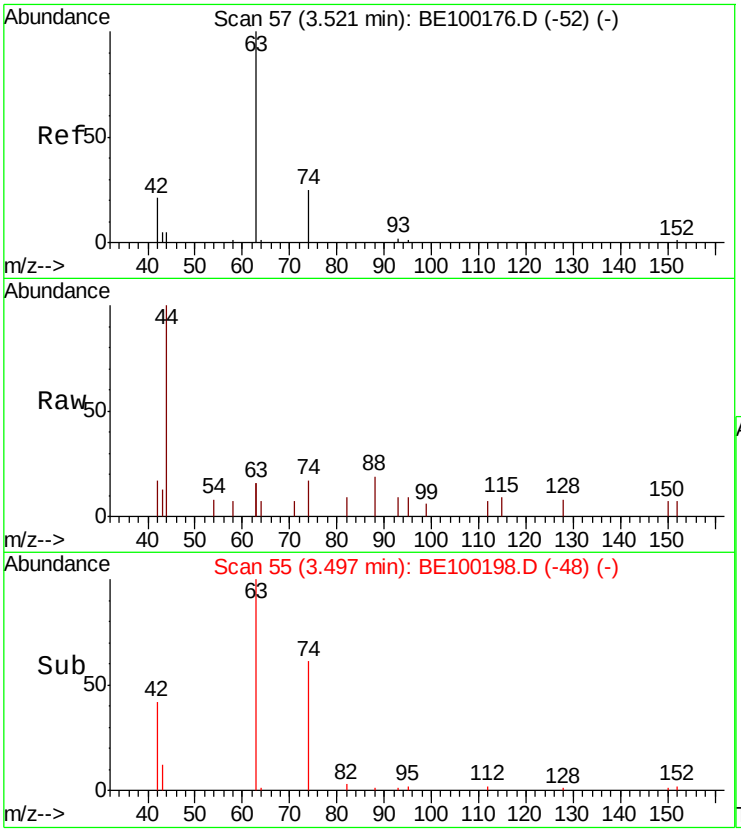


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion: 88 Resp: 442

Ion	Ratio	Lower	Upper
88	100		
58	57.9	43.8	65.6
43	27.6	19.4	29.2



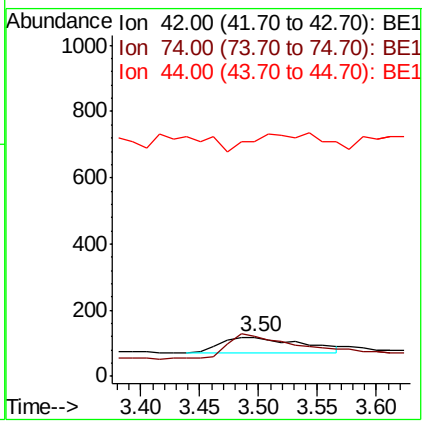


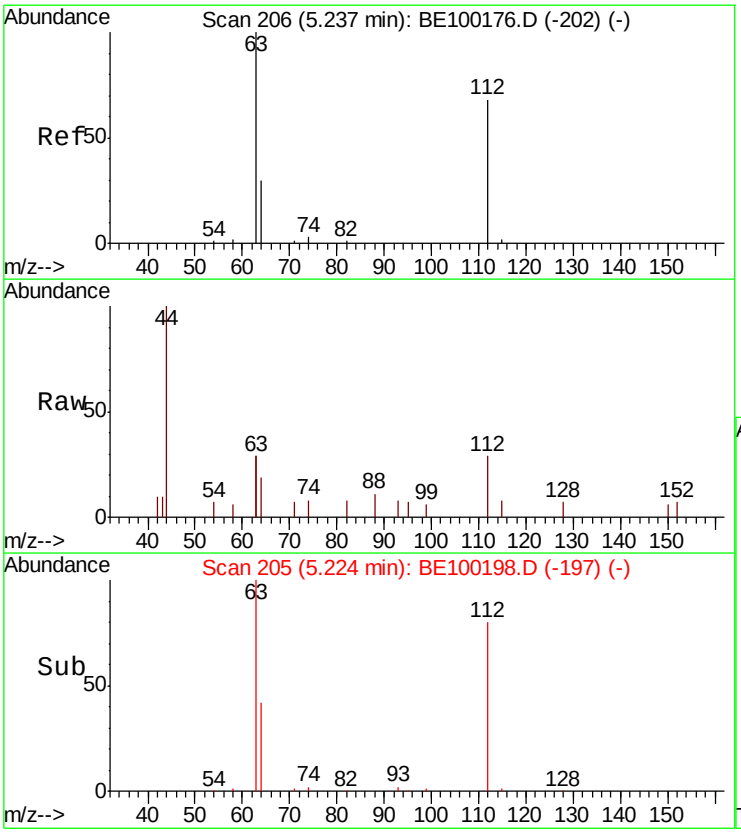
#3
n-Nitrosodimethylamine
Concen: 0.542 ng
RT: 3.50 min Scan# 55
Delta R.T. -0.02 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 233

Ion	Ratio	Lower	Upper
42	100		
74	126.2	193.2	289.8#
44	0.0	114.5	171.7#

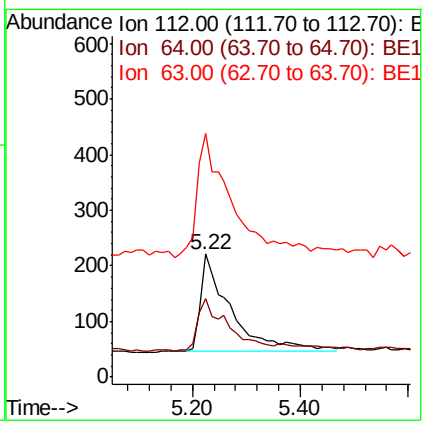


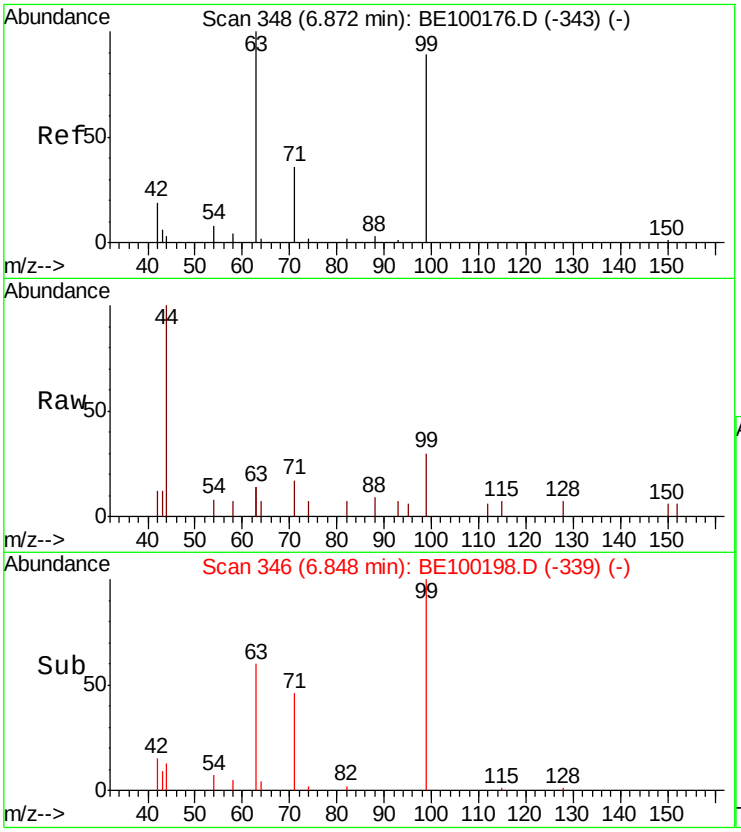


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:112 Resp: 692

Ion	Ratio	Lower	Upper
112	100		
64	51.3	40.7	61.1
63	144.4	93.2	139.8#



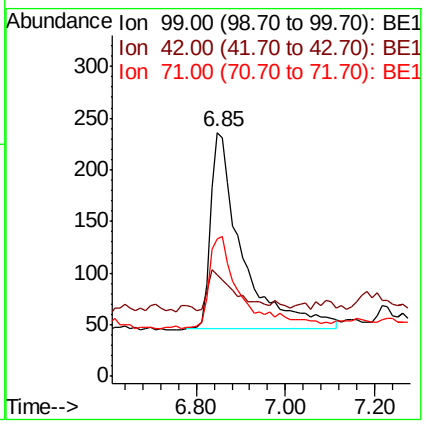


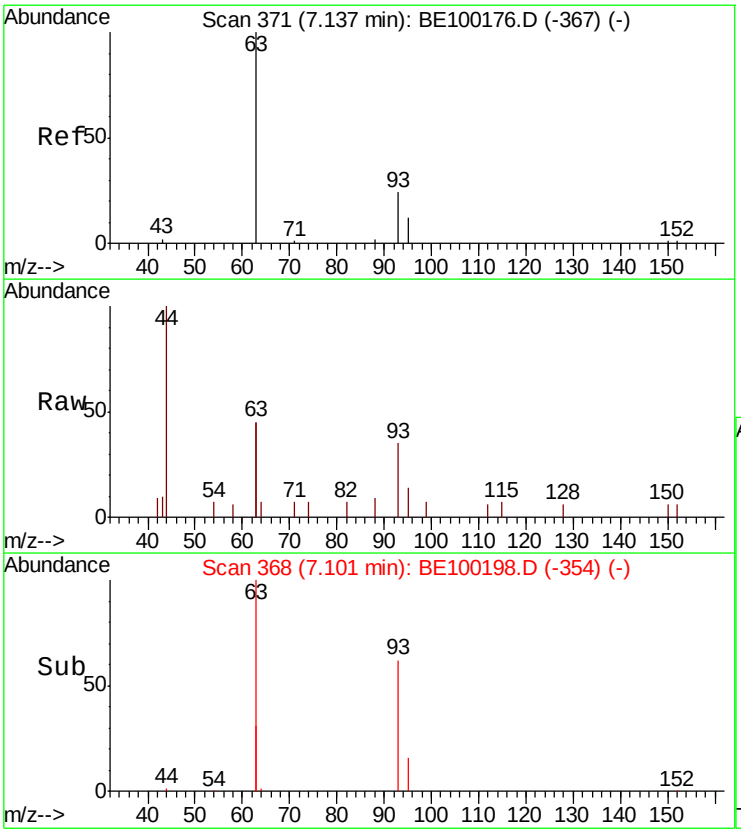
#5
Phenol-d6
Concen: 0.409 ng
RT: 6.85 min Scan# 346
Delta R.T. -0.02 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 929

Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.4	15.6#
71	46.8	32.4	48.6

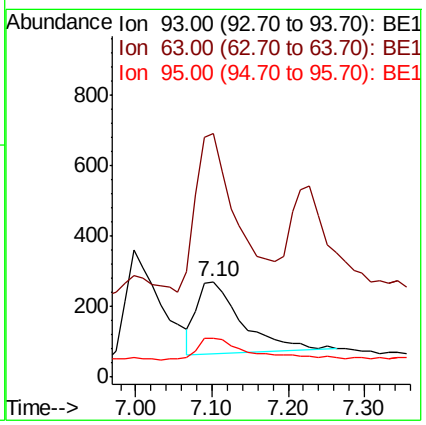


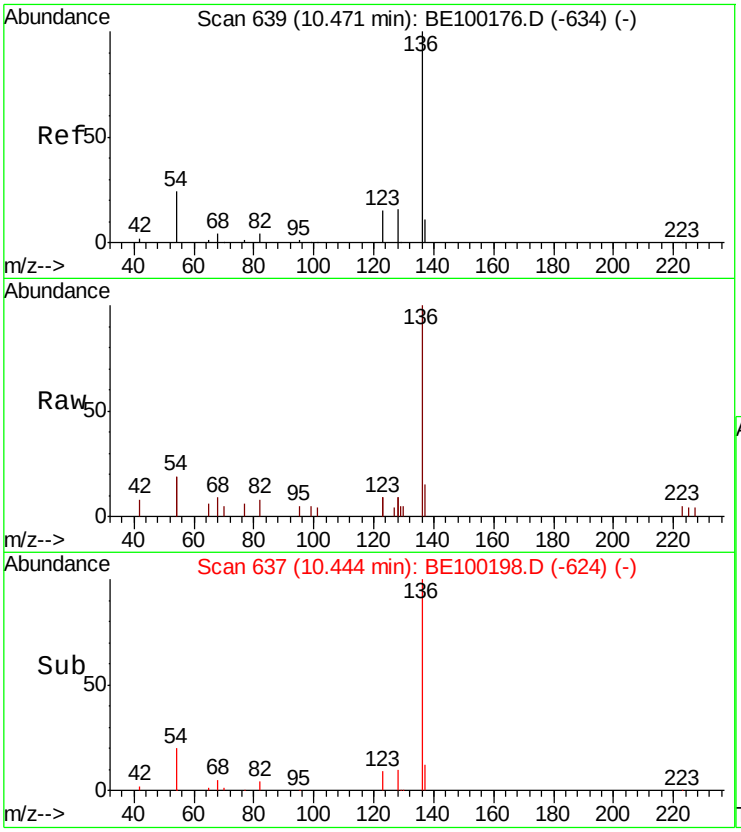


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.10 min Scan# 368
Delta R.T. -0.04 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion: 93 Resp: 845

Ion	Ratio	Lower	Upper
93	100		
63	196.0	0.0	0.0#
95	34.4	21.0	31.6#



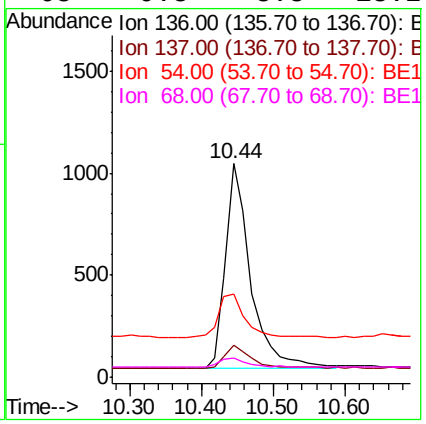


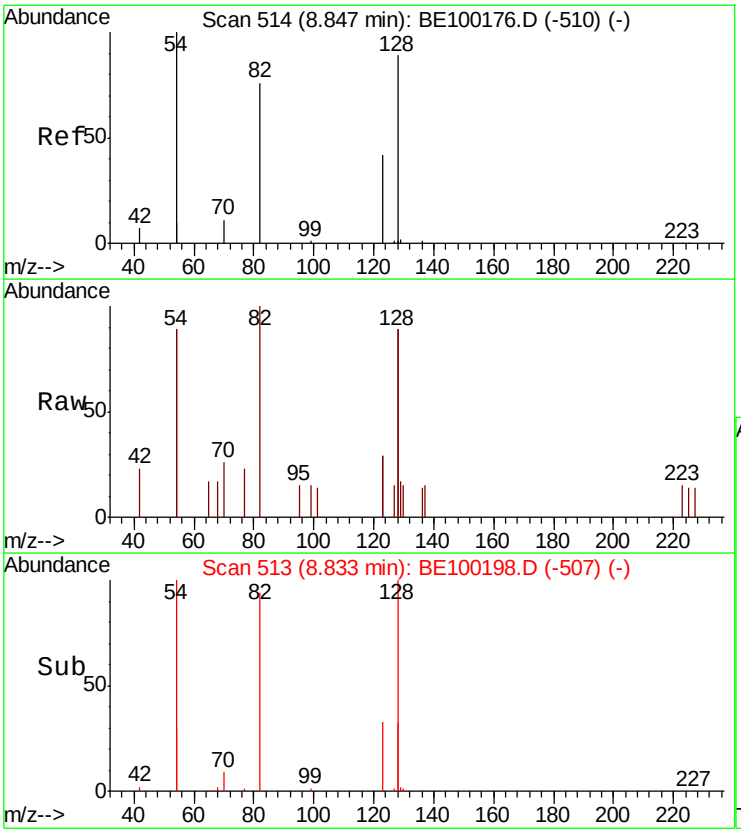
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2427

Ion	Ratio	Lower	Upper
136	100		
137	15.3	13.8	20.8
54	38.8	35.4	53.2
68	9.3	8.8	13.2

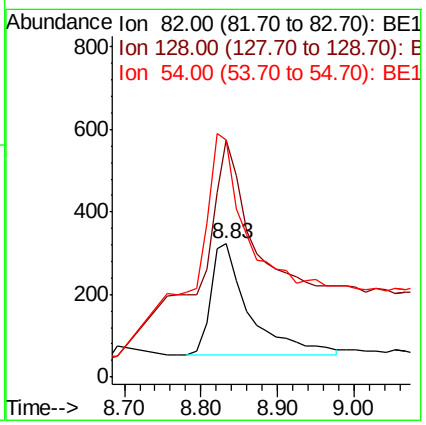


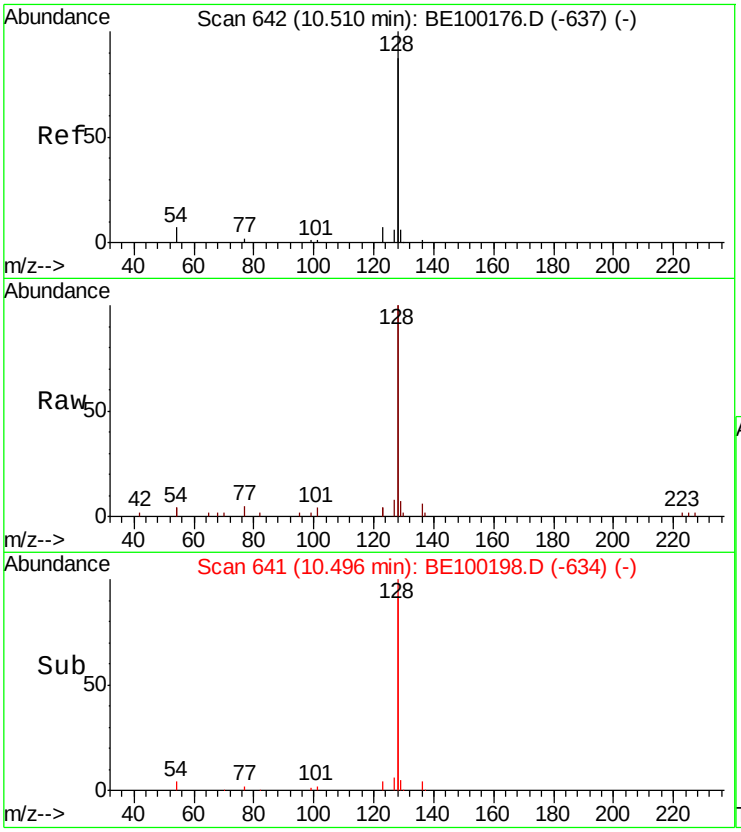


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.83 min Scan# 513
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion: 82 Resp: 956

Ion	Ratio	Lower	Upper
82	100		
128	178.3	144.6	217.0
54	178.3	163.0	244.6



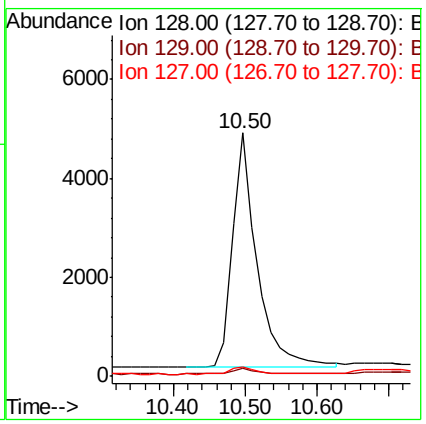


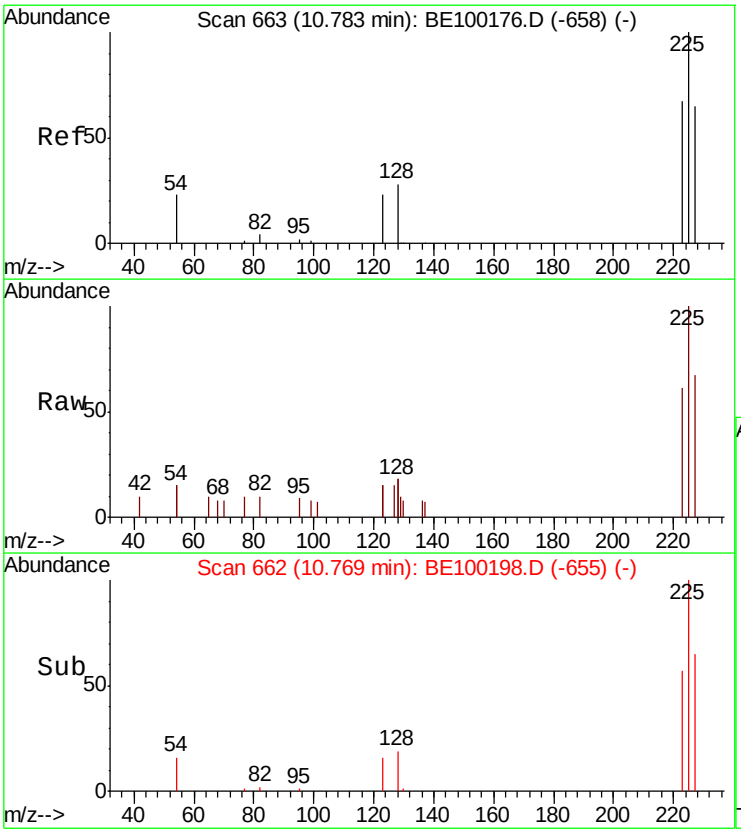
#9
Naphthalene
Concen: 0.421 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 11153

Ion	Ratio	Lower	Upper
128	100		
129	3.5	3.6	5.4#
127	3.8	3.8	5.8#

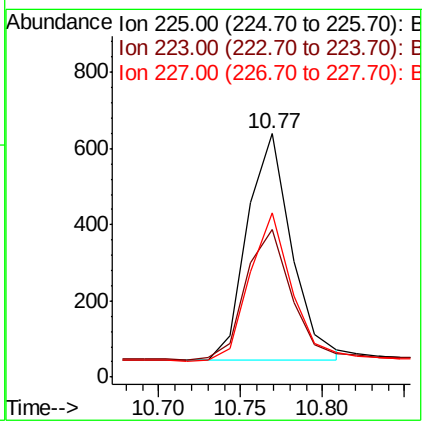


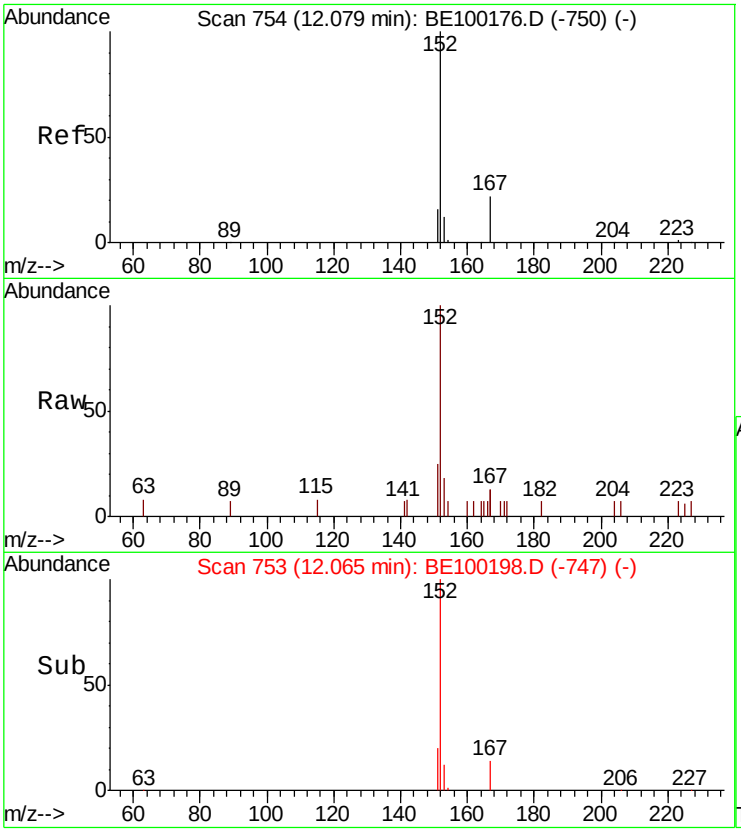


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 10.77 min Scan# 662
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:225 Resp: 1116

Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.1	75.1
227	62.3	50.9	76.3



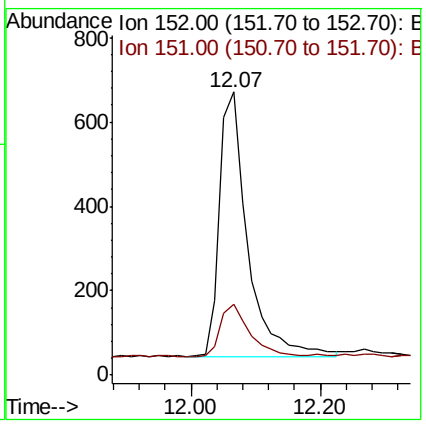


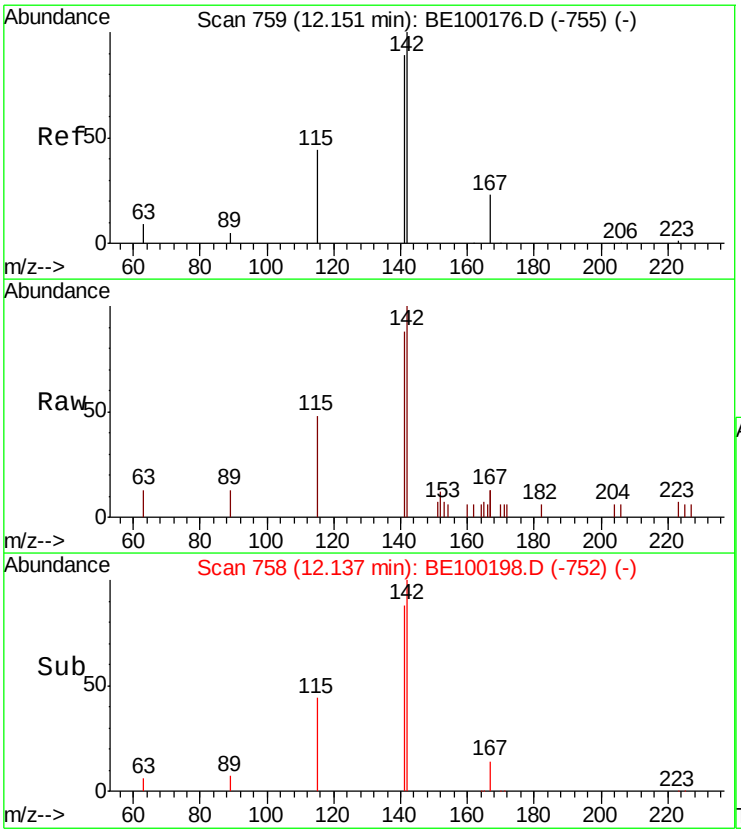
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.07 min Scan# 753
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1872

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

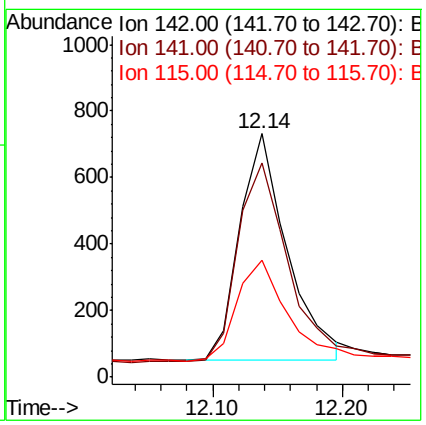


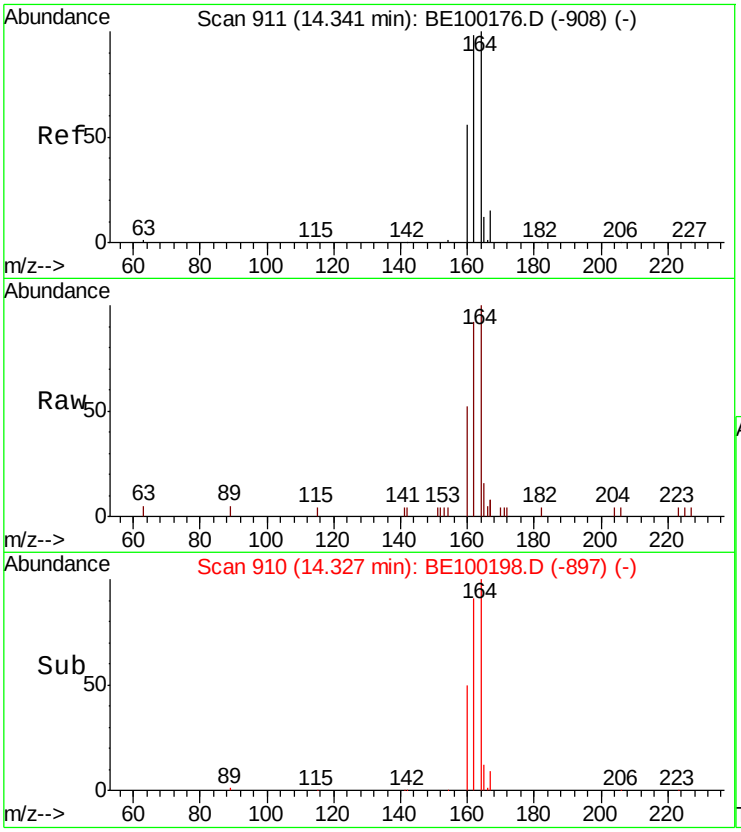


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:142 Resp: 1741

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.8	107.8
115	47.8	40.4	60.6



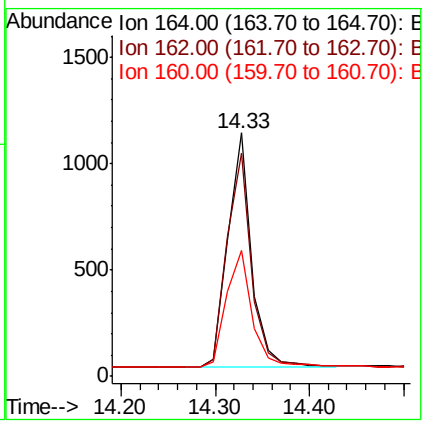


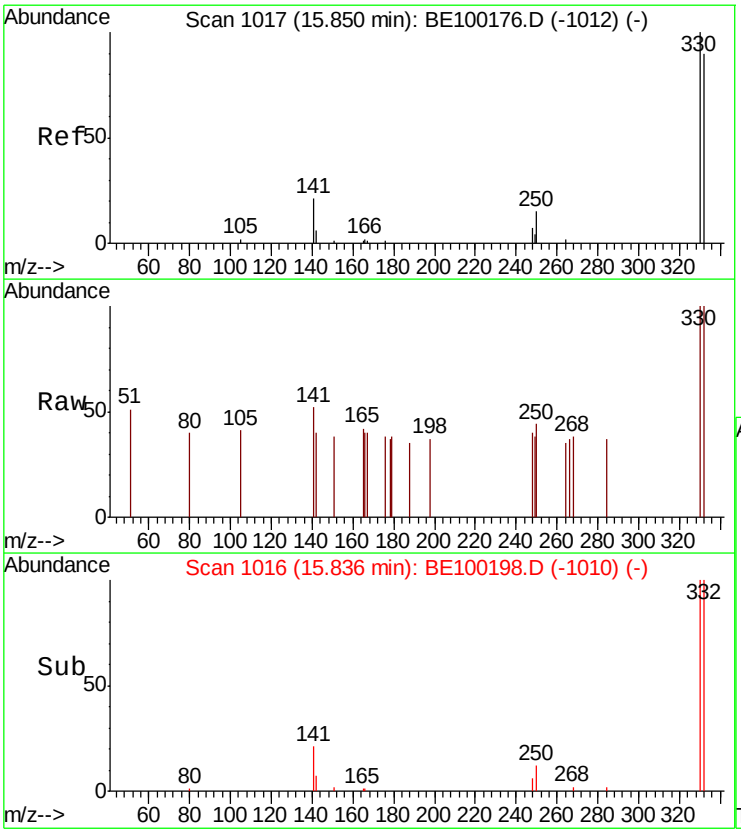
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1898

Ion	Ratio	Lower	Upper
164	100		
162	91.7	78.6	118.0
160	51.7	46.9	70.3

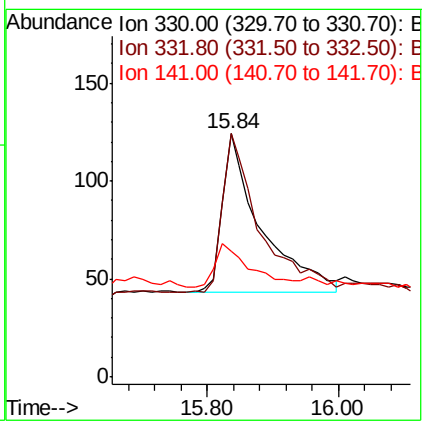


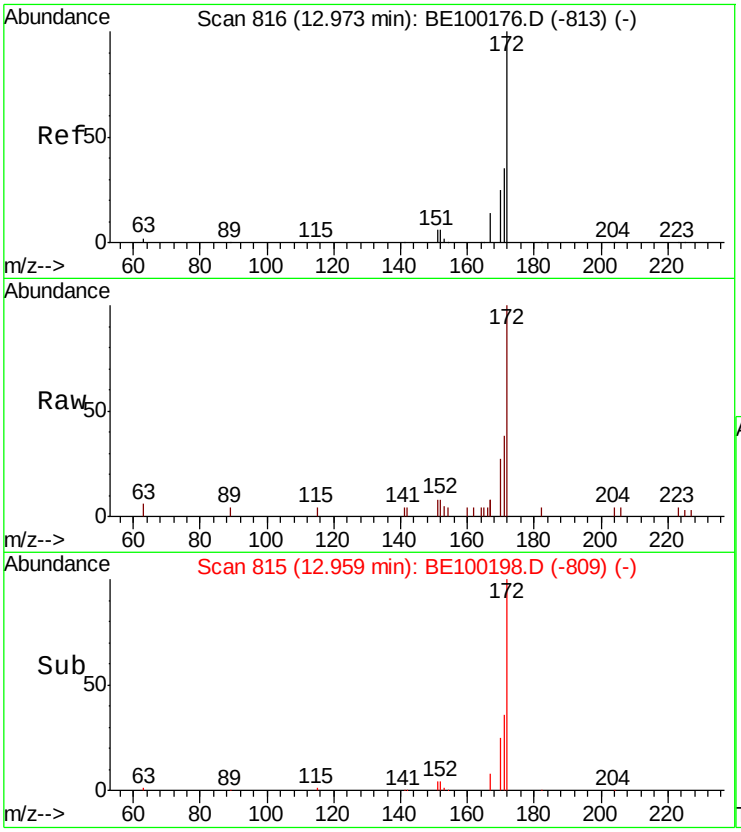


#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:330 Resp: 336

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	23.8	18.9	28.3



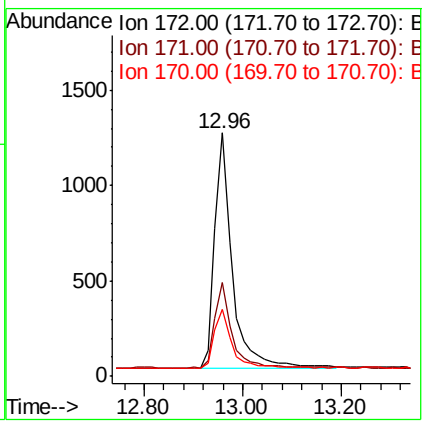


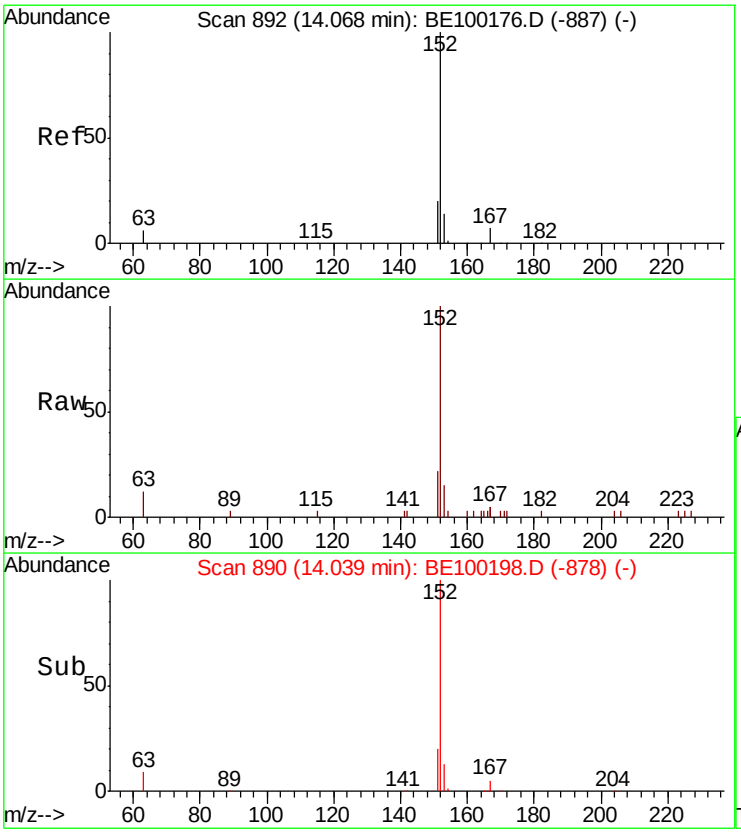
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3009

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	27.4	23.9	35.9

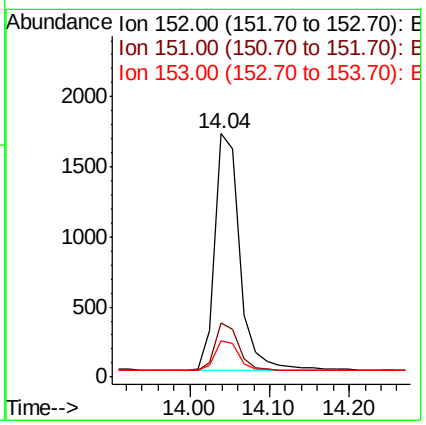


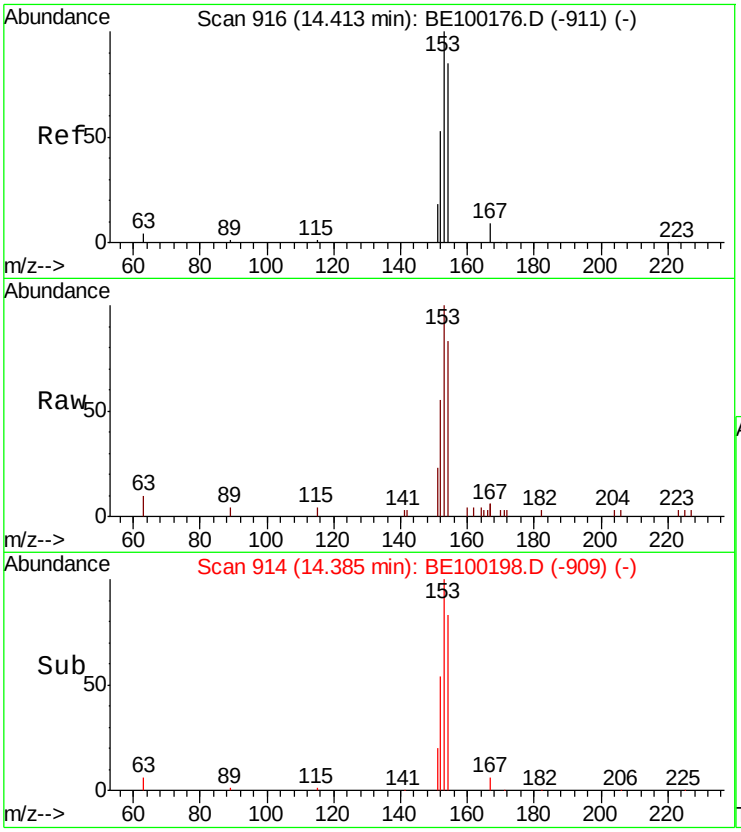


#16
Acenaphthylene
Concen: 0.401 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:152 Resp: 3712

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0
153	12.8	10.8	16.2



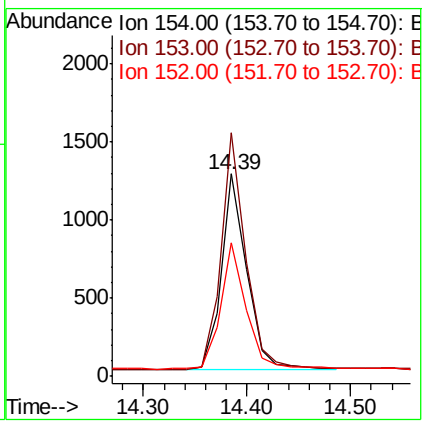


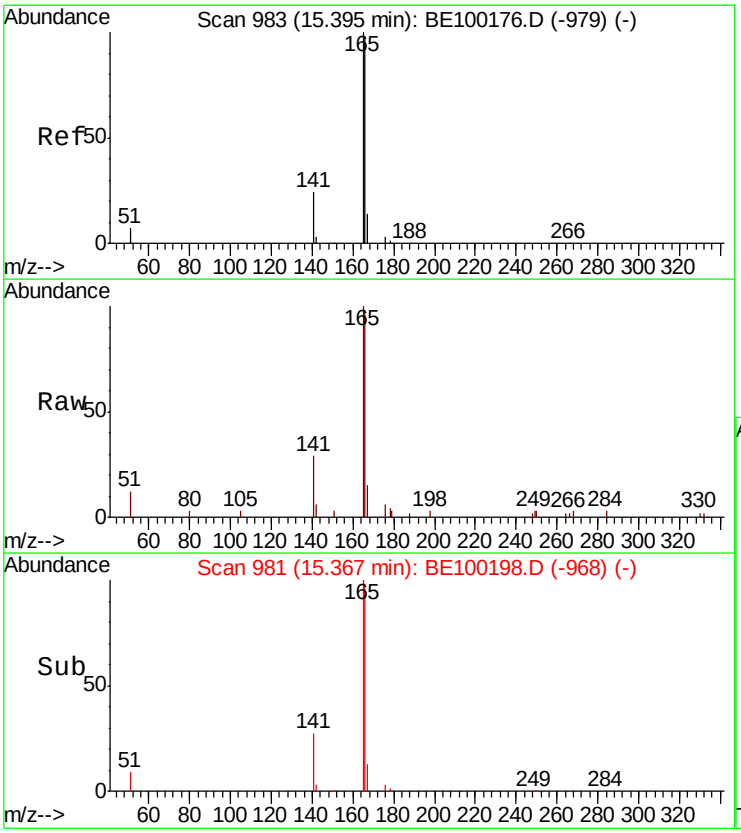
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.39 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2110

Ion	Ratio	Lower	Upper
154	100		
153	118.1	95.3	142.9
152	64.1	52.9	79.3

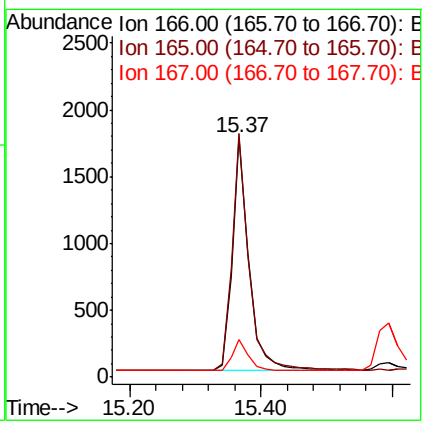


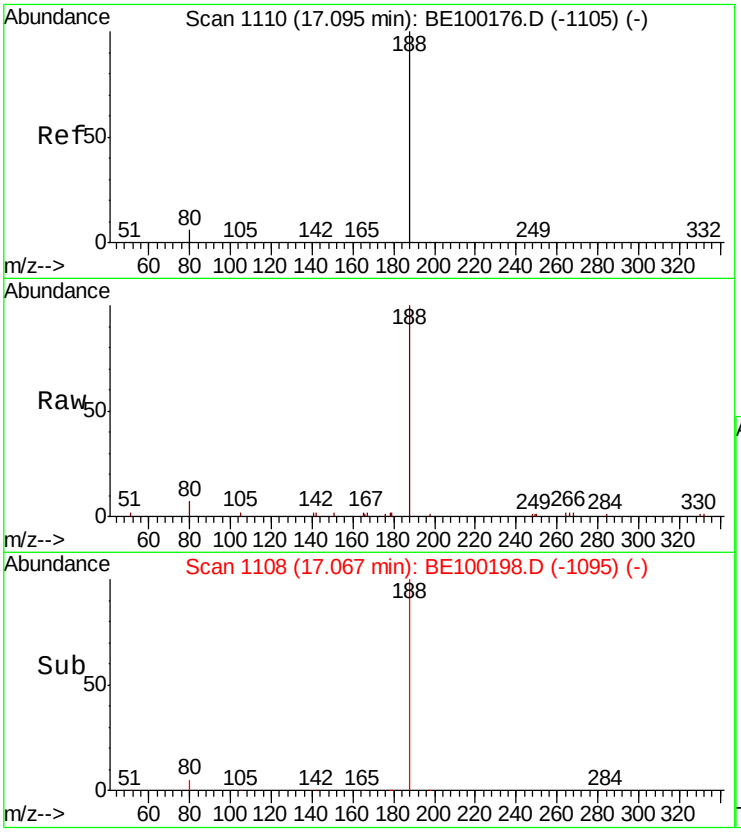


#18
Fluorene
Concen: 0.418 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:166 Resp: 3133

Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.0	121.4
167	13.7	11.4	17.0



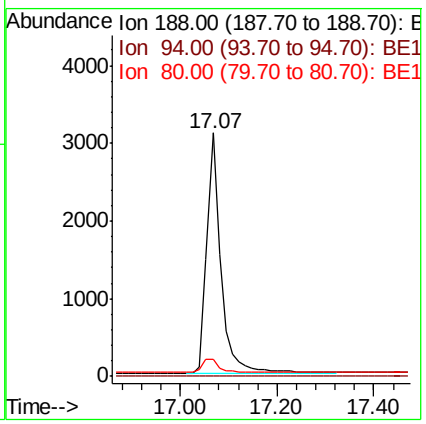


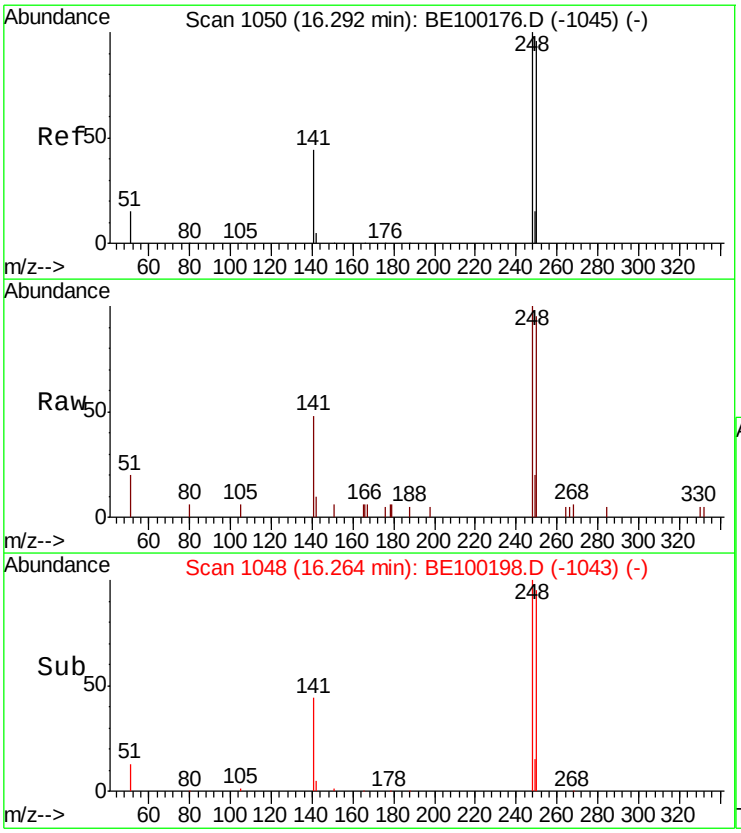
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6040

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.4	9.6

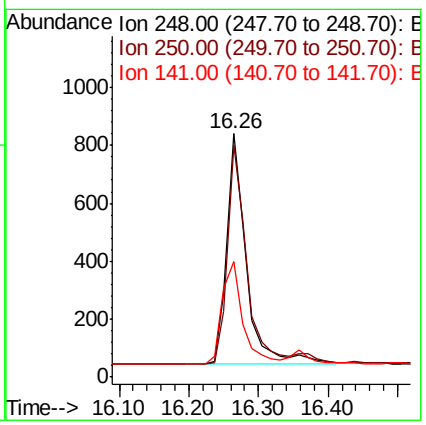


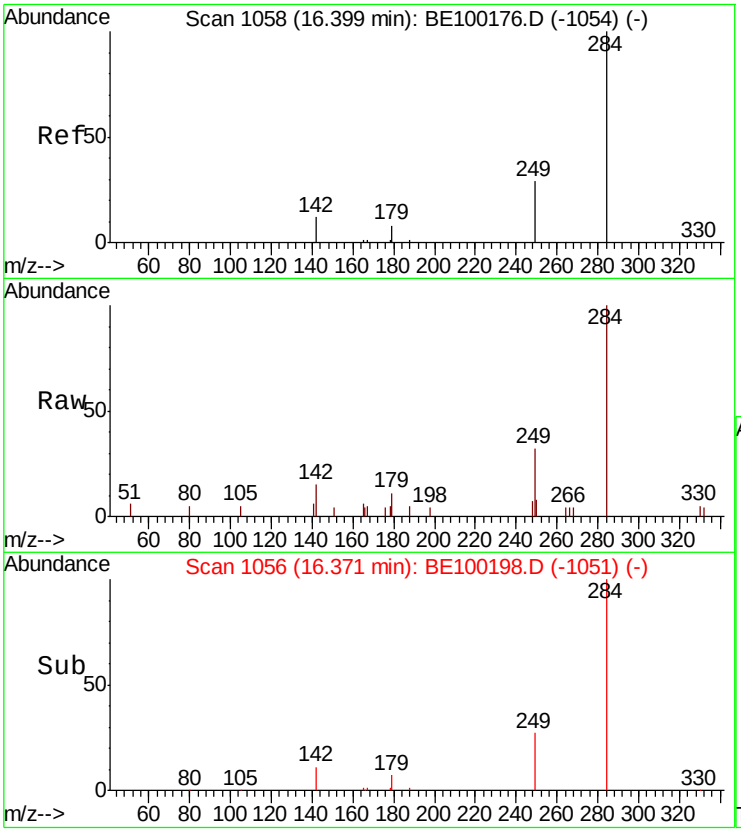


#20
4-Bromophenyl-phenylether
Concen: 0.416 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:248 Resp: 1561

Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.1	115.7
141	47.6	39.5	59.3



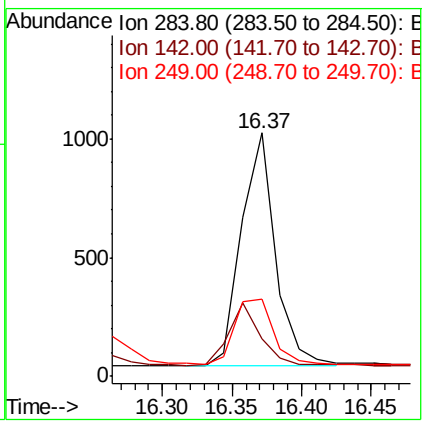


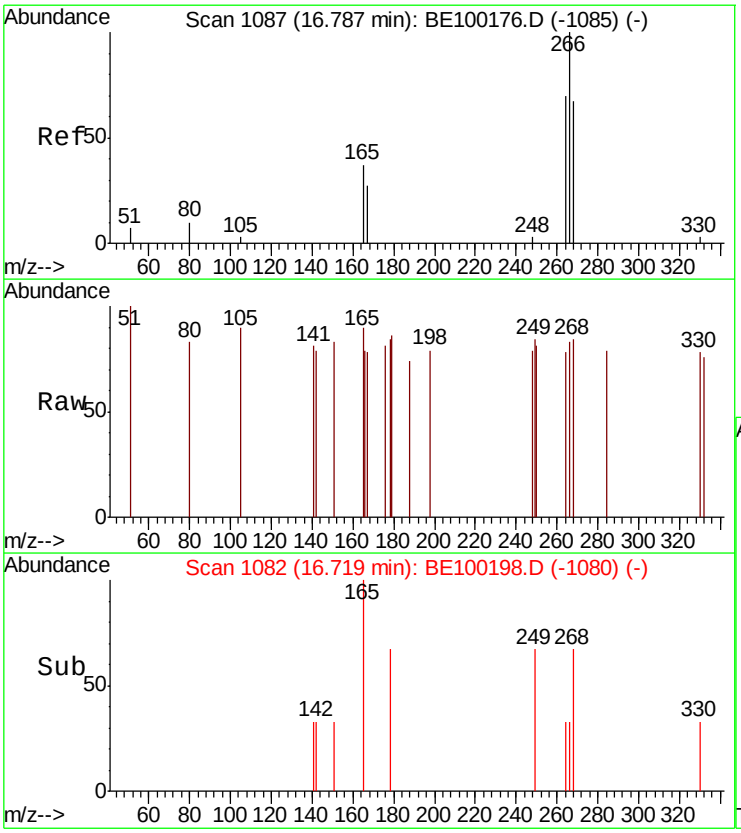
#21
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1650

Ion	Ratio	Lower	Upper
284	100		
142	24.7	20.1	30.1
249	31.8	26.2	39.4

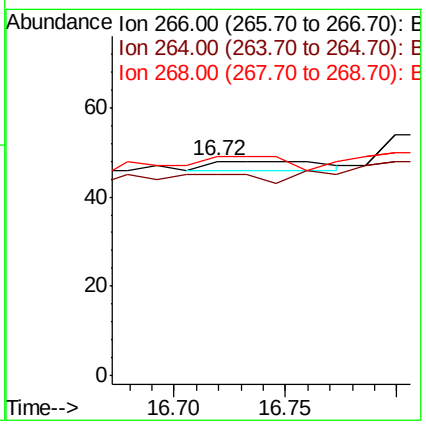


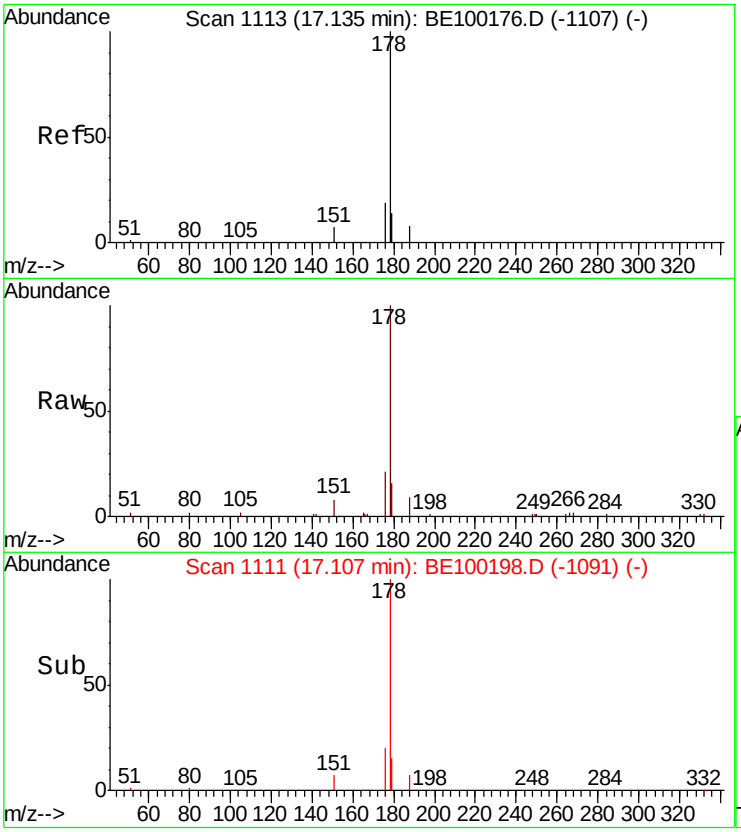


#22
Pentachlorophenol
Concen: 0.276 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.07 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	93.8	67.7	101.5
268	102.1	69.8	104.6



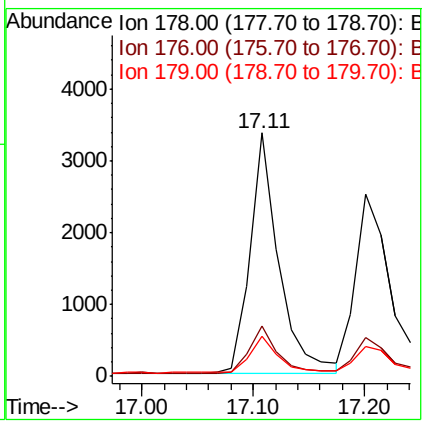


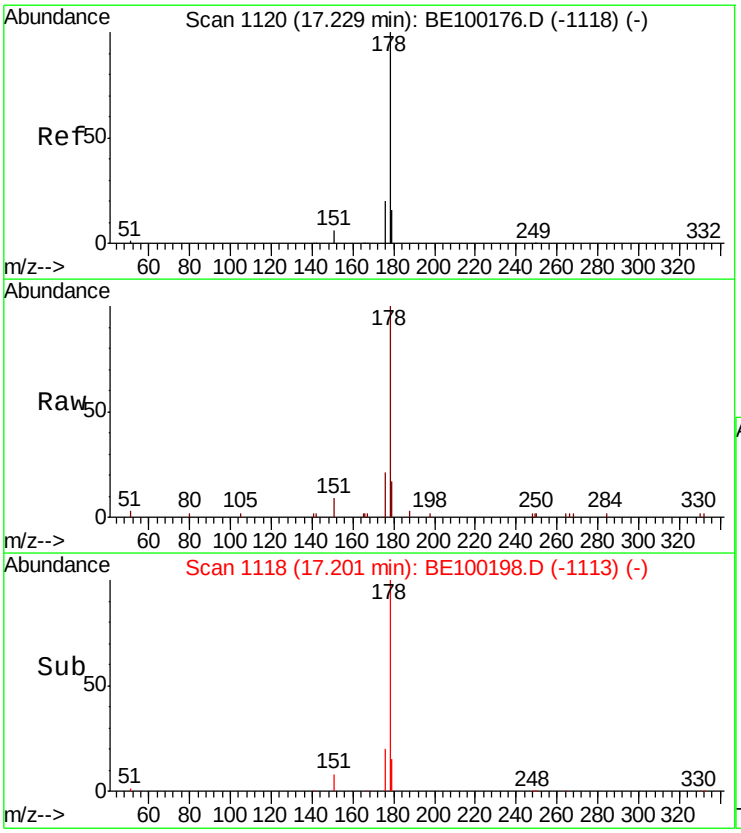
#23
Phenanthrene
Concen: 0.420 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6012

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	14.7	12.2	18.2

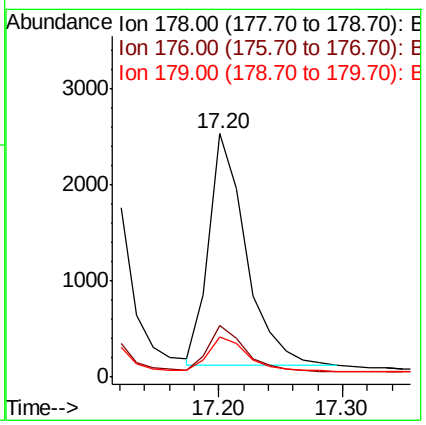


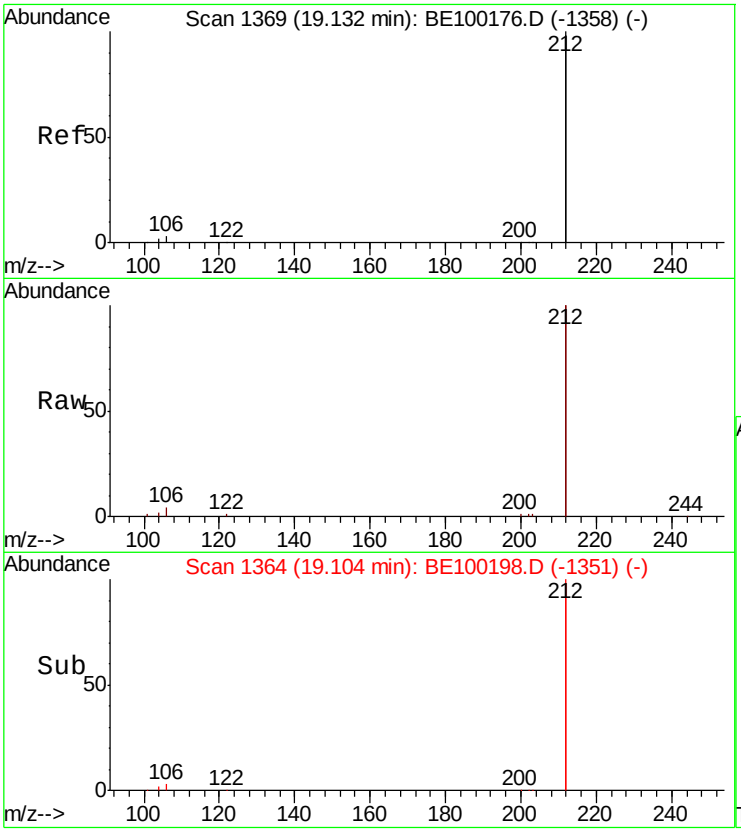


#24
Anthracene
Concen: 0.415 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:178 Resp: 5014

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.4	12.9	19.3



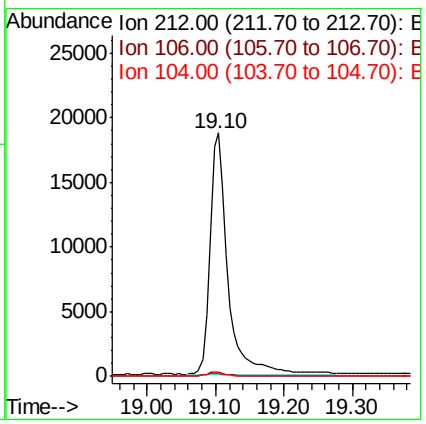


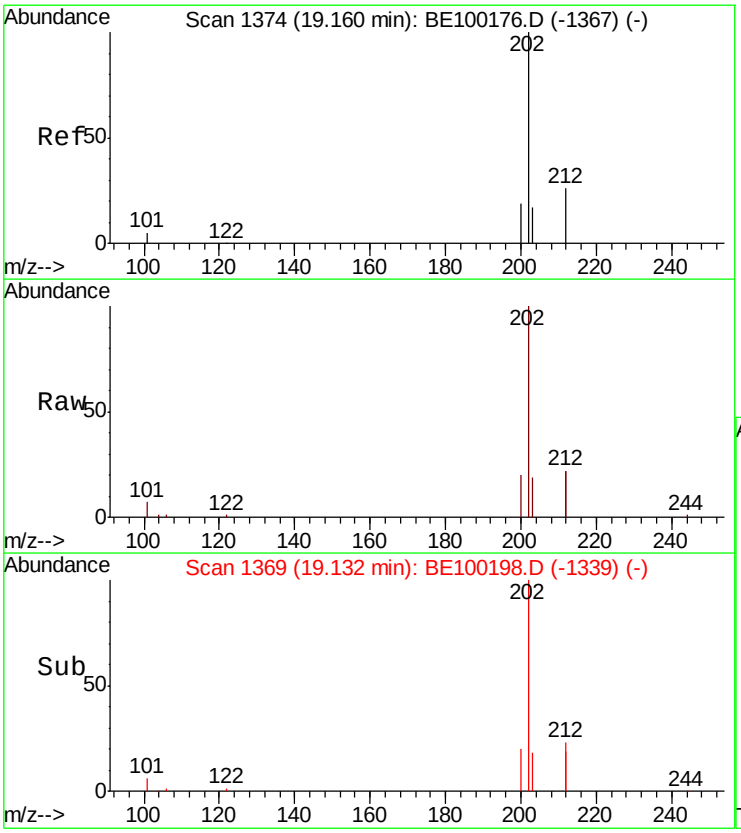
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.10 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 33945

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.7	1.1

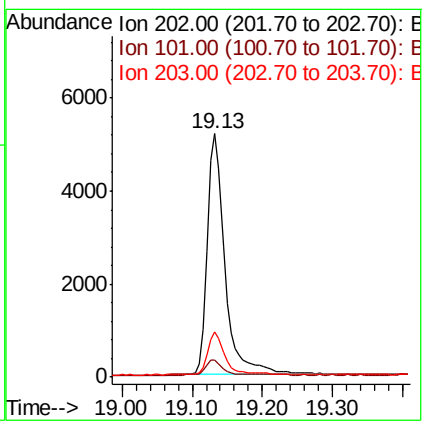


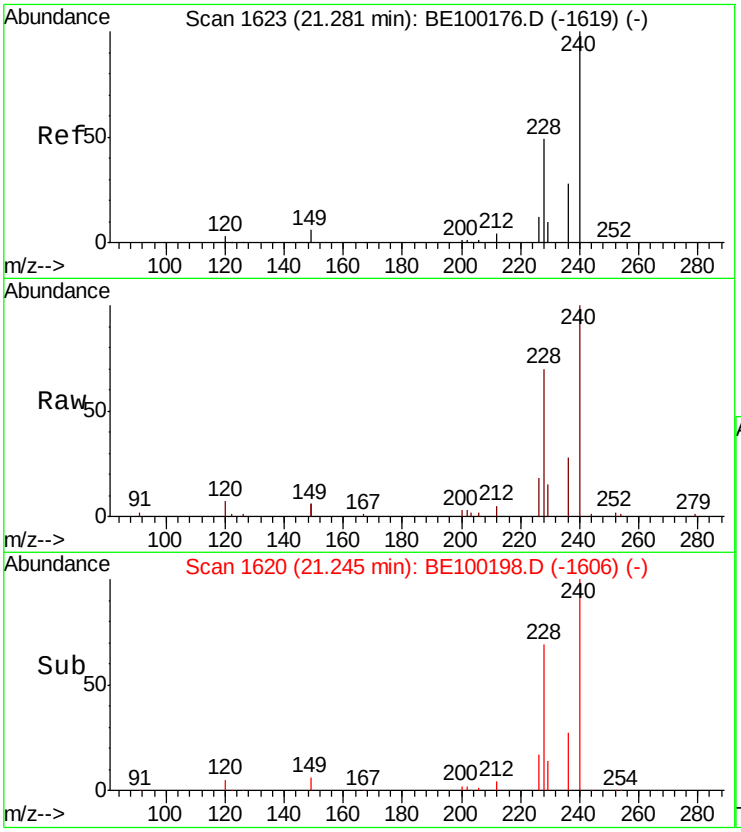


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:202 Resp: 9174

Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.5	6.7
203	16.9	13.7	20.5



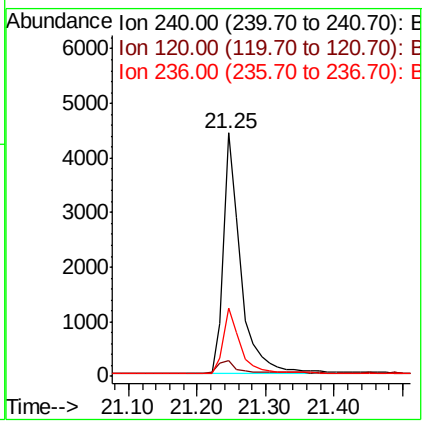


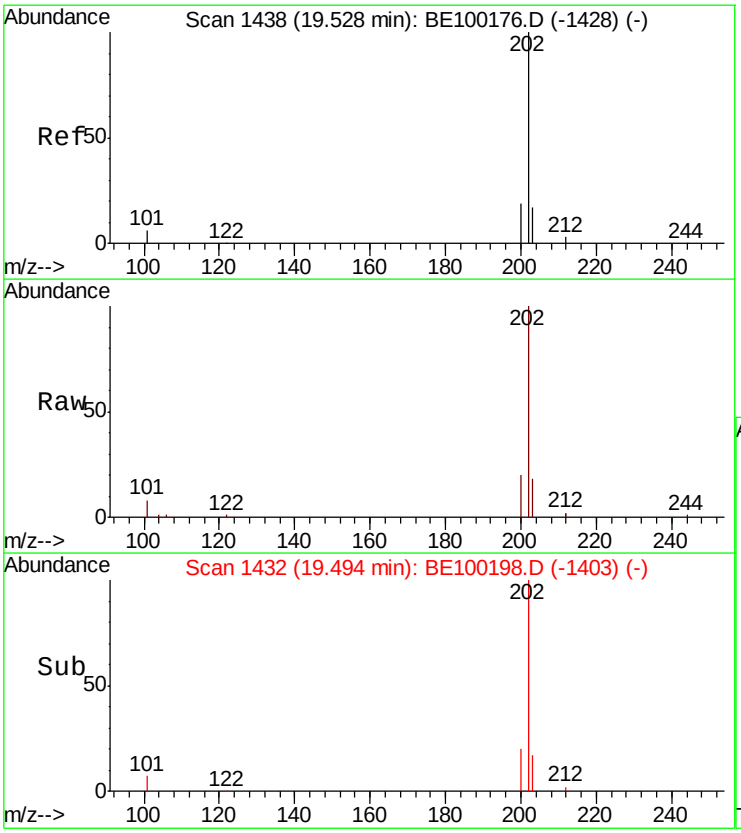
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7811

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.1	6.1#
236	27.9	23.0	34.6

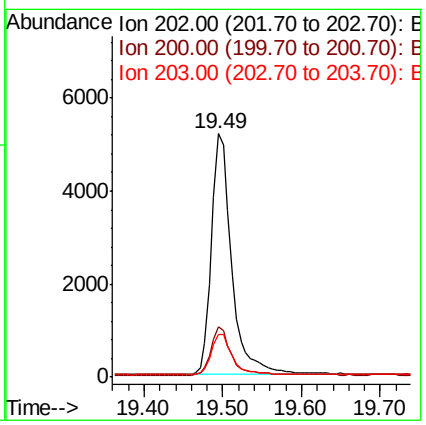


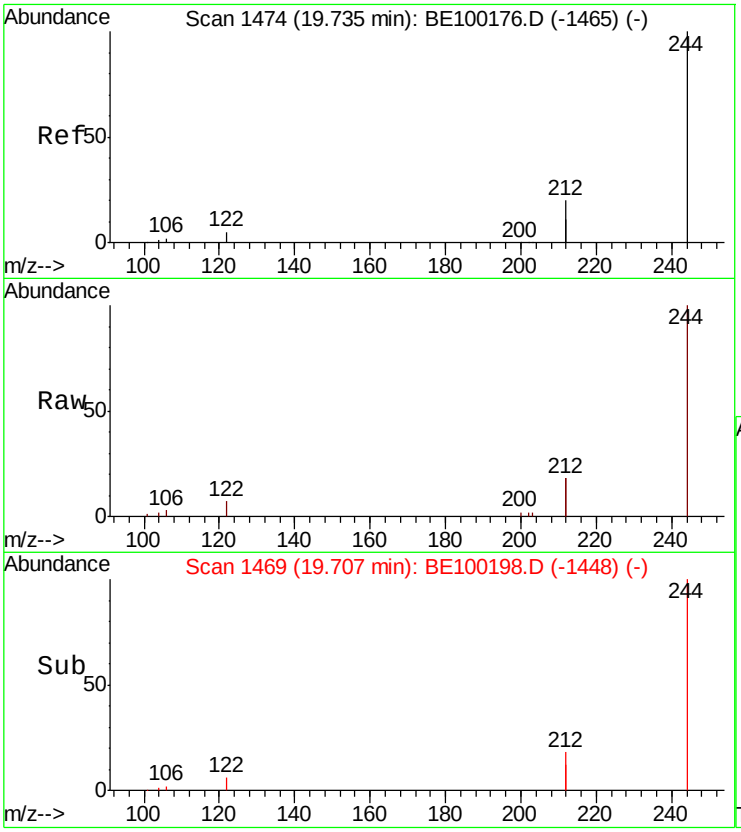


#28
Pyrene
Concen: 0.460 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:202 Resp: 9208

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.5	23.3
203	17.4	13.9	20.9



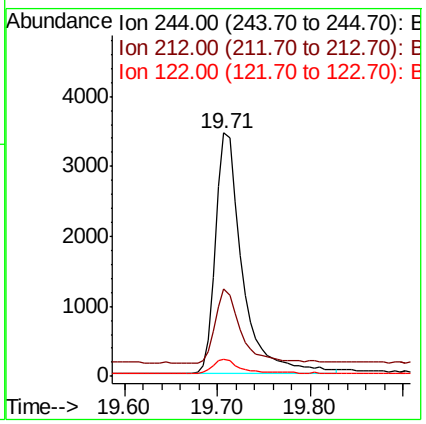


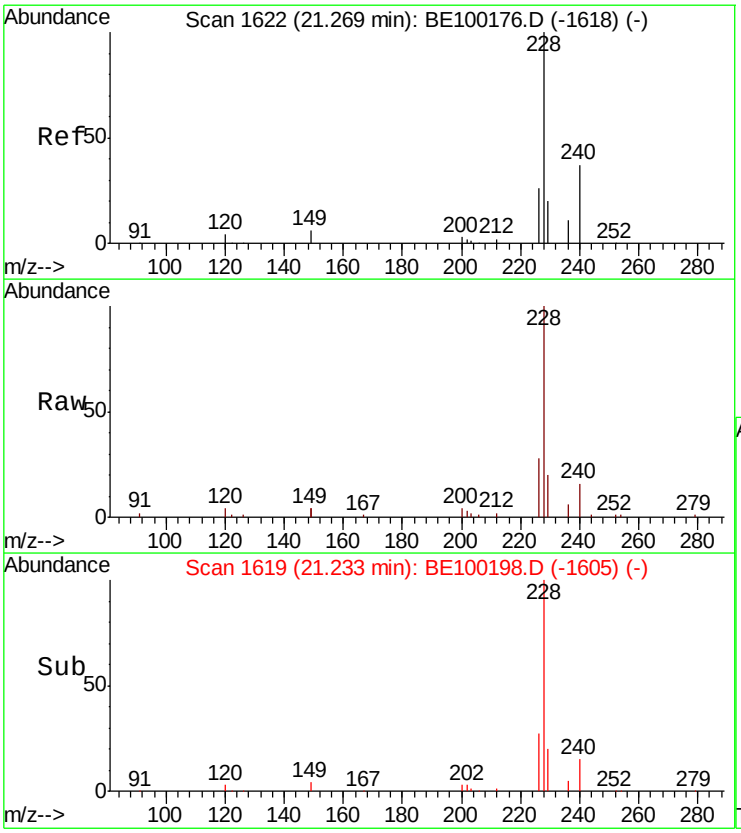
#29
Terphenyl-d14
Concen: 0.448 ng
RT: 19.71 min Scan# 1469
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6873

Ion	Ratio	Lower	Upper
244	100		
212	35.7	30.7	46.1
122	7.1	5.8	8.6

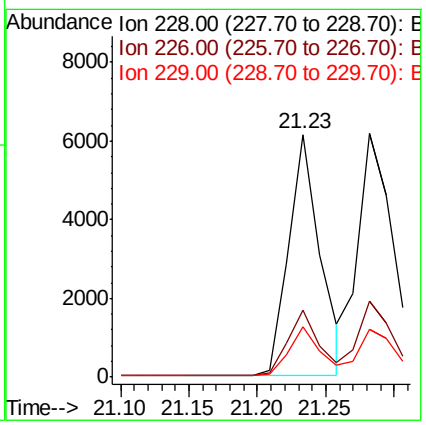


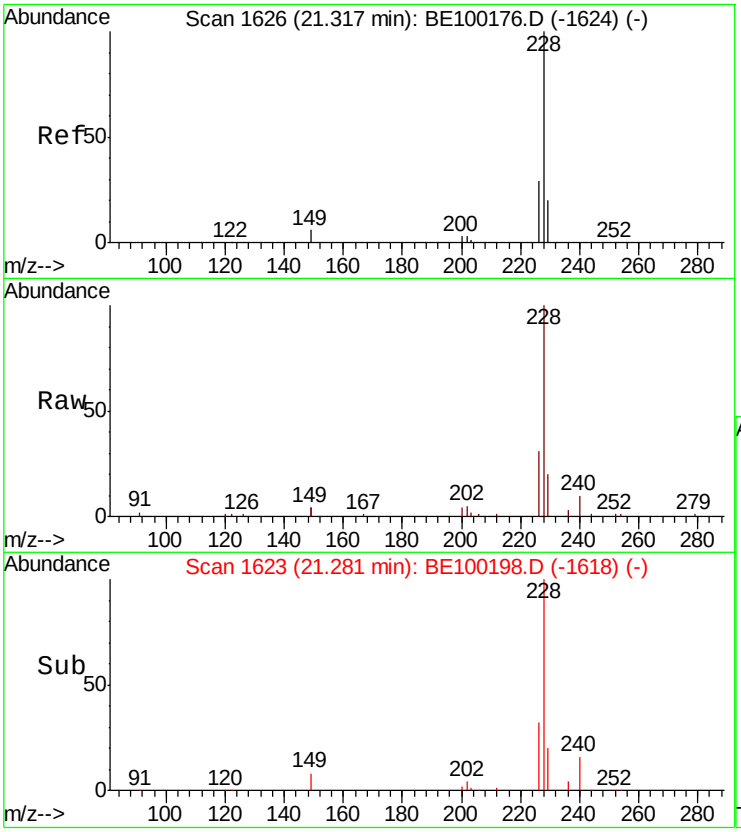


#30
Benzo(a)anthracene
Concen: 0.424 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:228 Resp: 9769

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.5	32.3
229	20.5	17.2	25.8



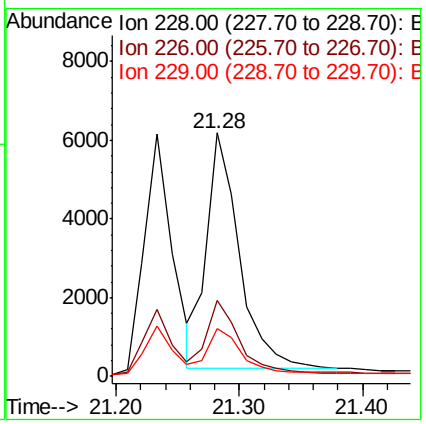


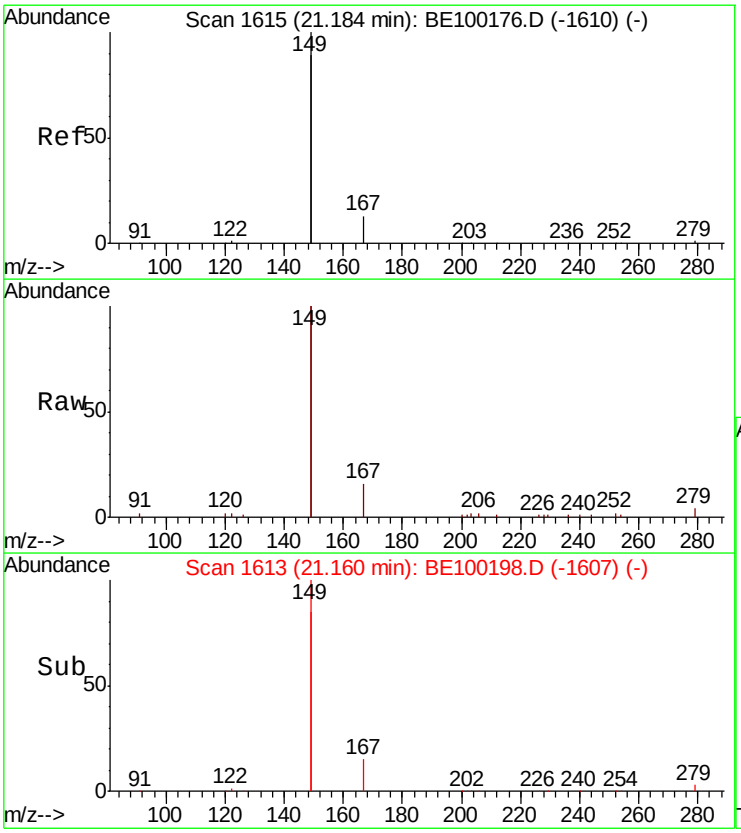
#31
Chrysene
Concen: 0.413 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11154

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	19.9	16.5	24.7

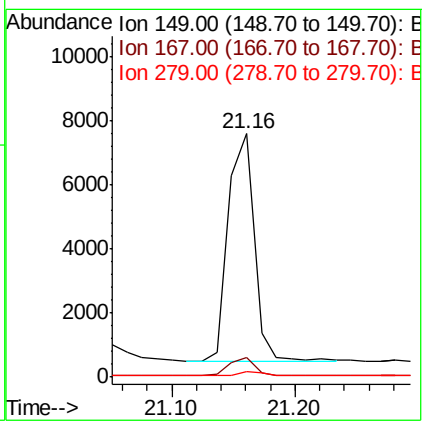


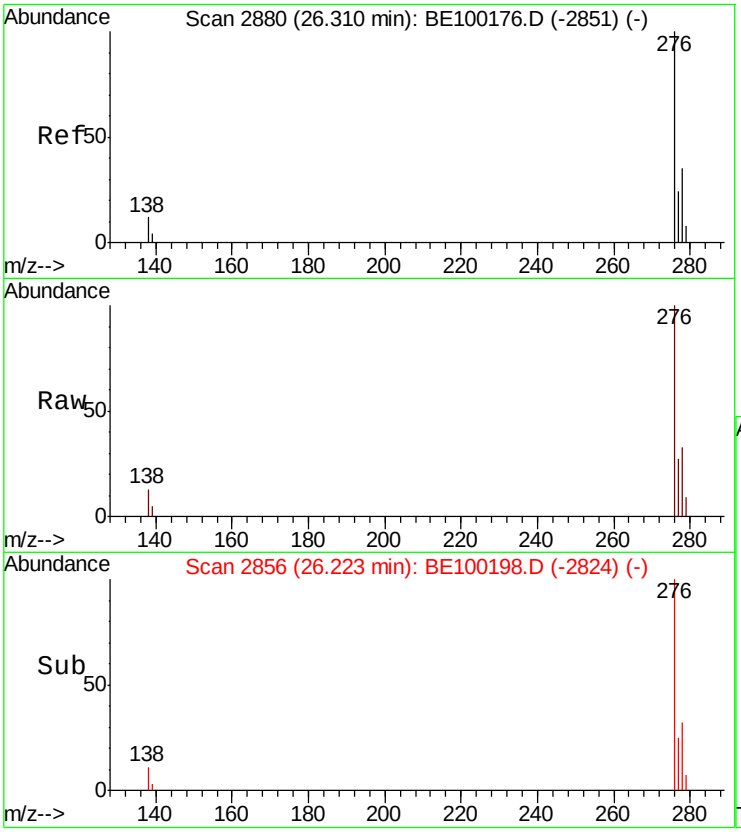


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.16 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:149 Resp: 10402

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.4	1.0	1.6



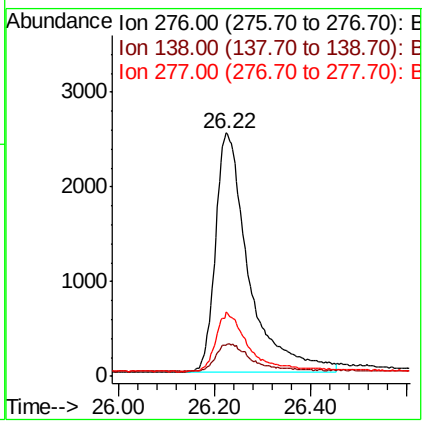


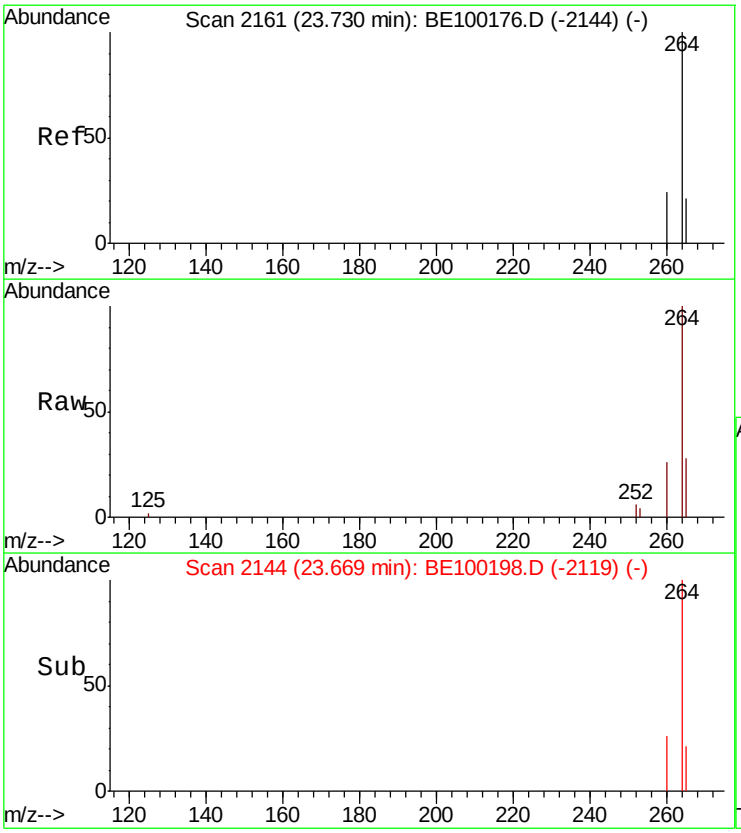
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng
RT: 26.22 min Scan# 2856
Delta R.T. -0.09 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12152

Ion	Ratio	Lower	Upper
276	100		
138	11.4	3.7	5.5#
277	23.8	18.7	28.1

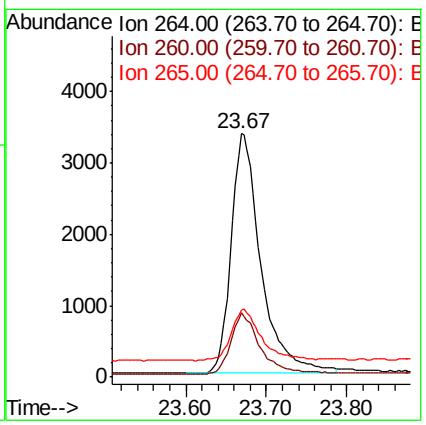


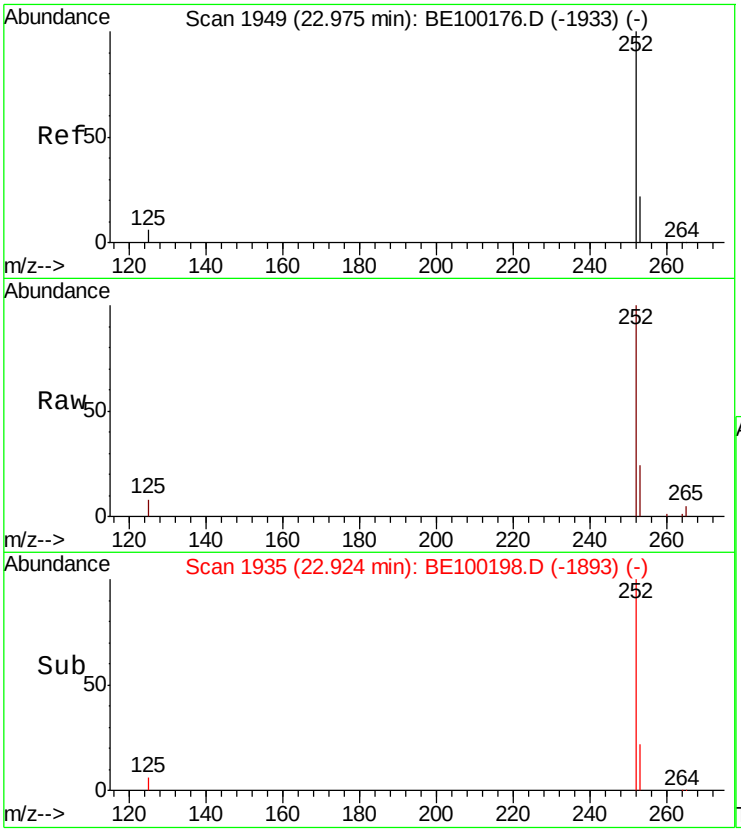


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. -0.06 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:264 Resp: 8633

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.4	30.6
265	27.7	22.5	33.7



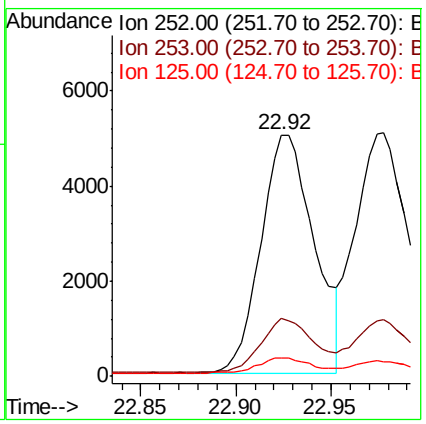


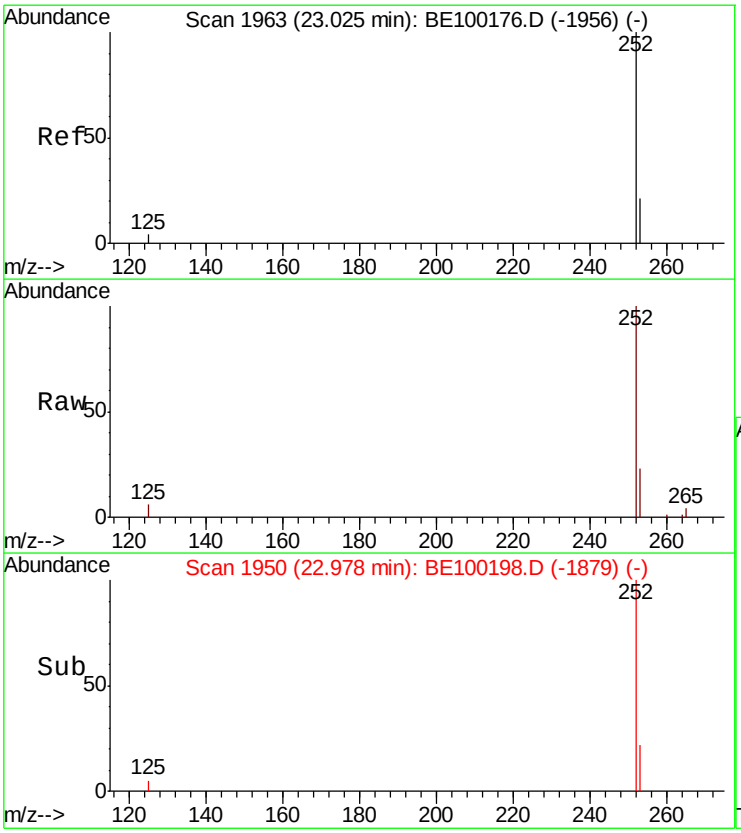
#35
Benzo(b)fluoranthene
Concen: 0.421 ng
RT: 22.92 min Scan# 1935
Delta R.T. -0.05 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9768

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	7.6	6.3	9.5

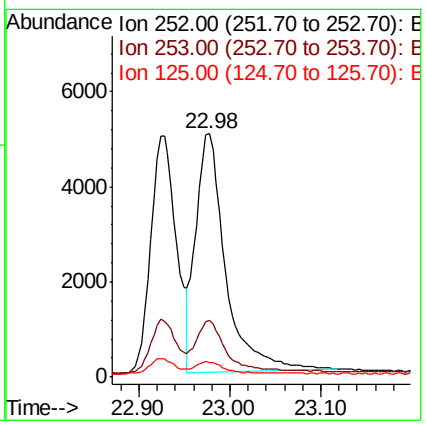


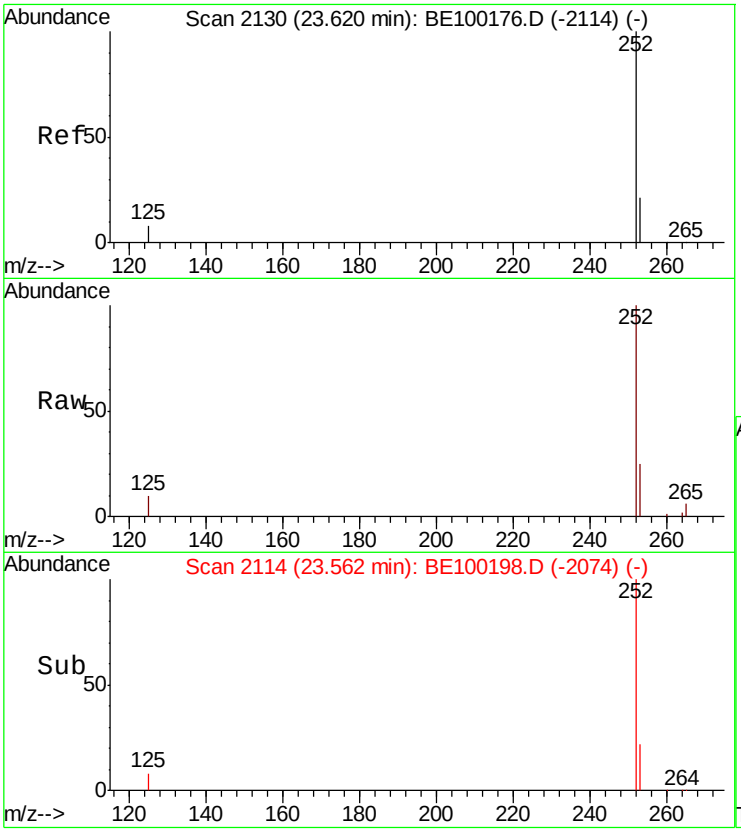


#36
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:252 Resp: 11302

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	6.1	5.0	7.4



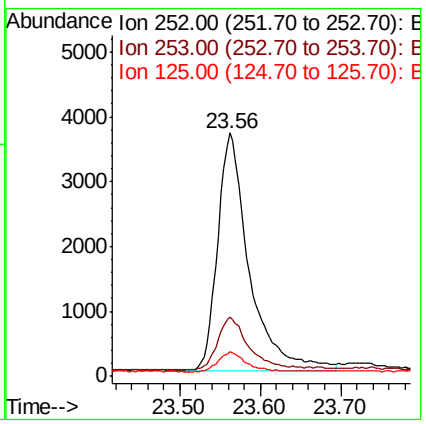


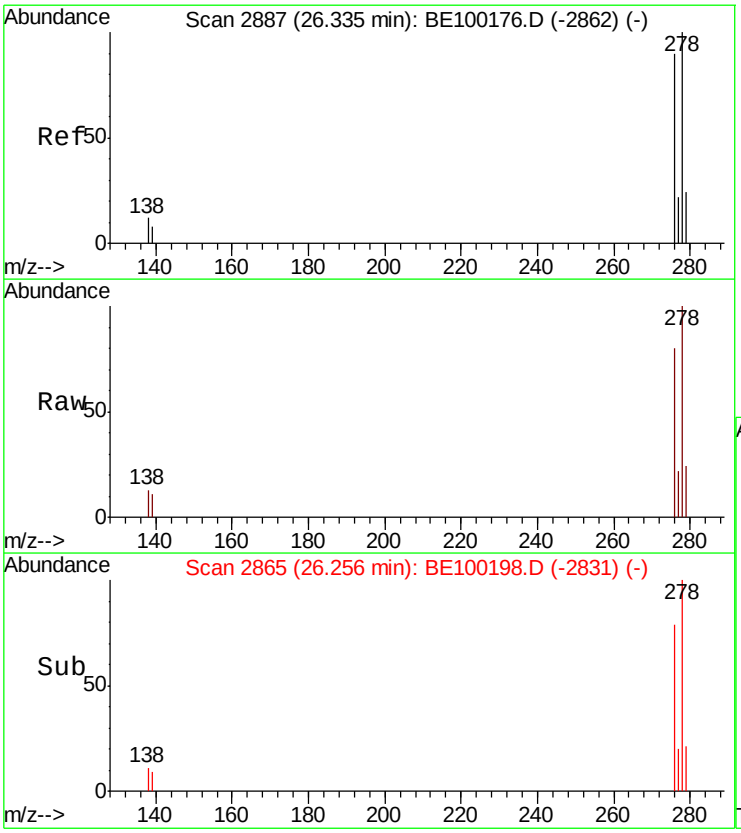
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.56 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9933

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.2	28.8
125	9.9	8.2	12.2

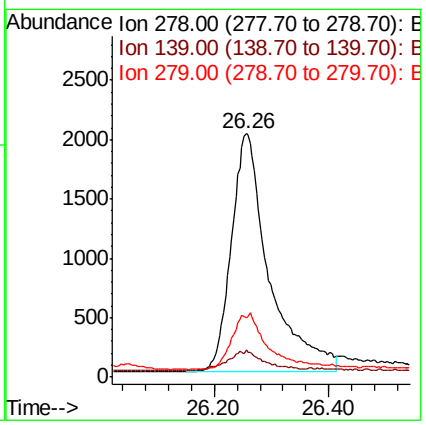


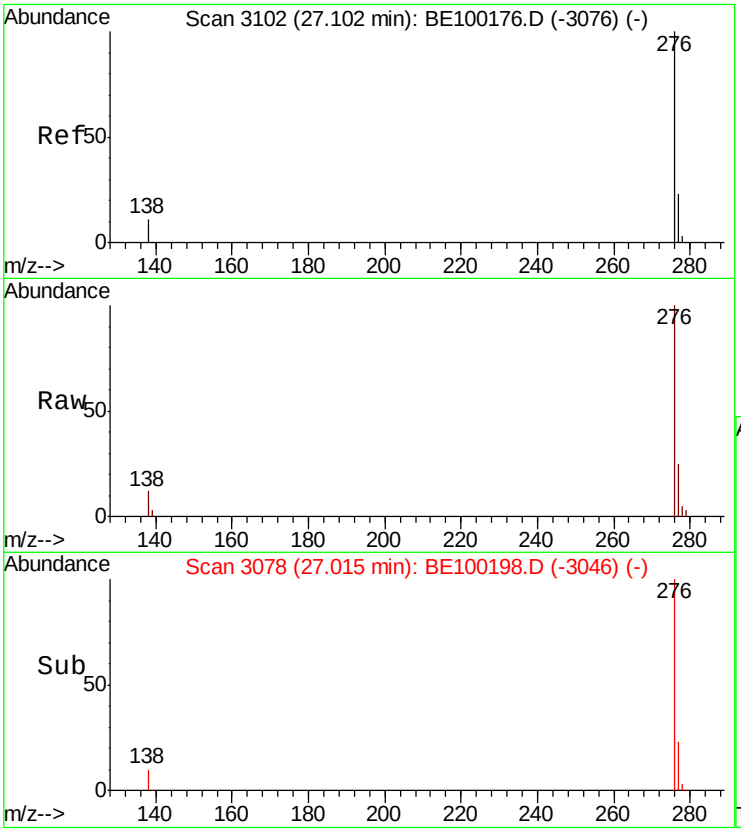


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.26 min Scan# 2865
Delta R.T. -0.08 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:278 Resp: 9166

Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.0	13.4
279	24.2	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 27.02 min Scan# 3078
Delta R.T. -0.09 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10032

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.6
138	11.8	10.2	15.4