Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100773.D
Acq On : 4 Dec 2019 13:13
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 04 15:53:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:31:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5349	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	23521	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	11882	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	29255	0.40	ng		0.00
27) Chrysene-d12	21.31	240	28963	0.40	ng		0.00
34) Perylene-d12	23.76	264	34090	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	2410	0.17	ng		0.00
5) Phenol-d6	6.93	99	3565	0.17	ng		0.00
8) Nitrobenzene-d5	8.90	82	1909	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	6405	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	222	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	9652	0.21	ng		0.00
25) Fluoranthene-d10	19.16	212	59148	0.17	ng		0.00
29) Terphenyl-d14	19.76	244	13257	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2063	0.206	ng		98
3) n-Nitrosodimethylamine	3.66	42	1163	0.157	ng	#	6
6) bis(2-Chloroethyl)ether	7.20	93	3475	0.198	ng		96
9) Naphthalene	10.59	128	48290	0.193	ng		100
10) Hexachlorobutadiene	10.89	225	1879	0.196	ng		98
12) 2-Methylnaphthalene	12.21	142	7288	0.185	ng		98
16) Acenaphthylene	14.11	152	8852	0.173	ng		99
17) Acenaphthene	14.46	154	6566	0.191	ng		100
18) Fluorene	15.43	166	8142	0.186	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	2552	0.177	ng		98
21) Hexachlorobenzene	16.44	284	2955	0.197	ng		98
22) Pentachlorophenol	16.79	266	30	0.011	ng		91
23) Phenanthrene	17.17	178	16576	0.188	ng		99
24) Anthracene	17.25	178	12456	0.164	ng		98
26) Fluoranthene	19.19	202	17525	0.163	ng		99
28) Pyrene	19.55	202	18017	0.201	ng		100
30) Benzo(a)anthracene	21.29	228	15512	0.159	ng		100
31) Chrysene	21.34	228	19819	0.200	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	14239	0.081	ng		100
33) Indeno(1,2,3-cd)pyrene	26.34	276	16674	0.160	ng		98
35) Benzo(b)fluoranthene	23.01	252	16075	0.150	ng		99
36) Benzo(k)fluoranthene	23.06	252	18220	0.163	ng		98
37) Benzo(a)pyrene	23.65	252	13703	0.145	ng		96
38) Dibenzo(a,h)anthracene	26.37	278	13302	0.134	ng		99
39) Benzo(g,h,i)perylene	27.13	276	15395	0.149	ng		99

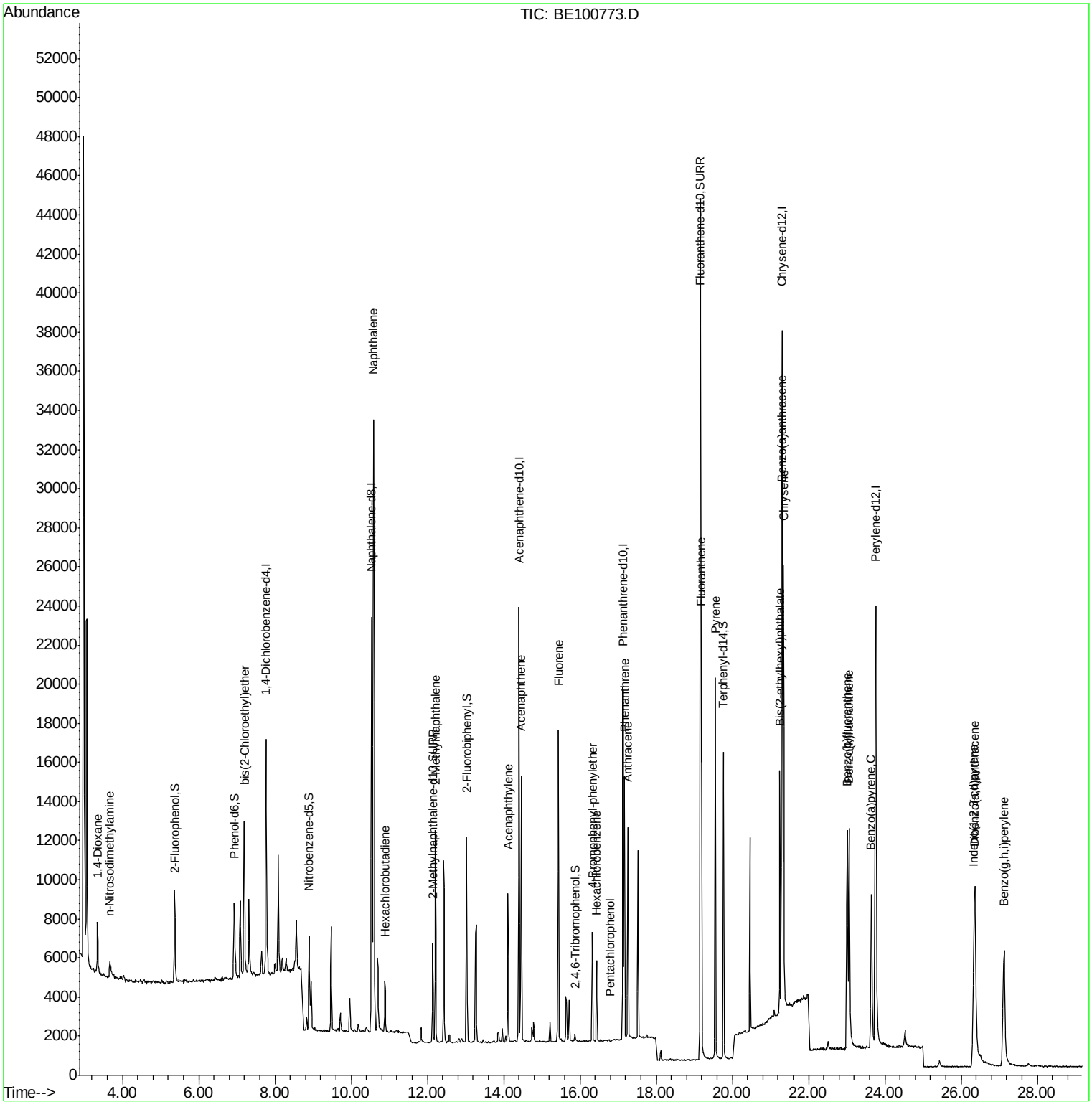
(#) = qualifier out of range (m) = manual integration (+) = signals summed

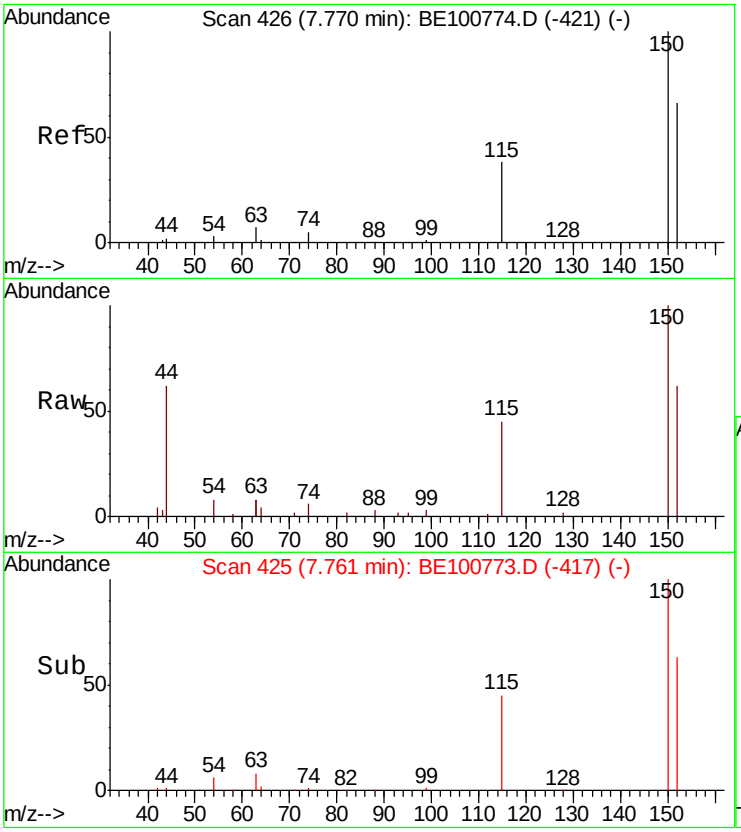
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100773.D
Acq On : 4 Dec 2019 13:13
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 04 15:53:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 14:31:40 2019
Response via : Initial Calibration



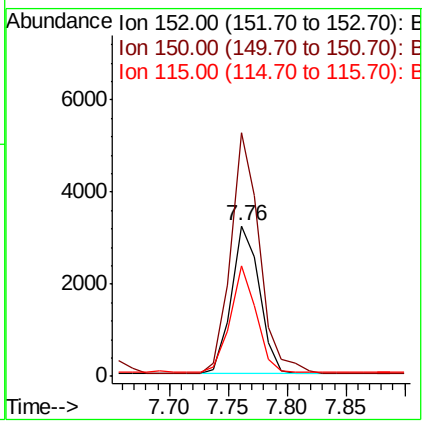


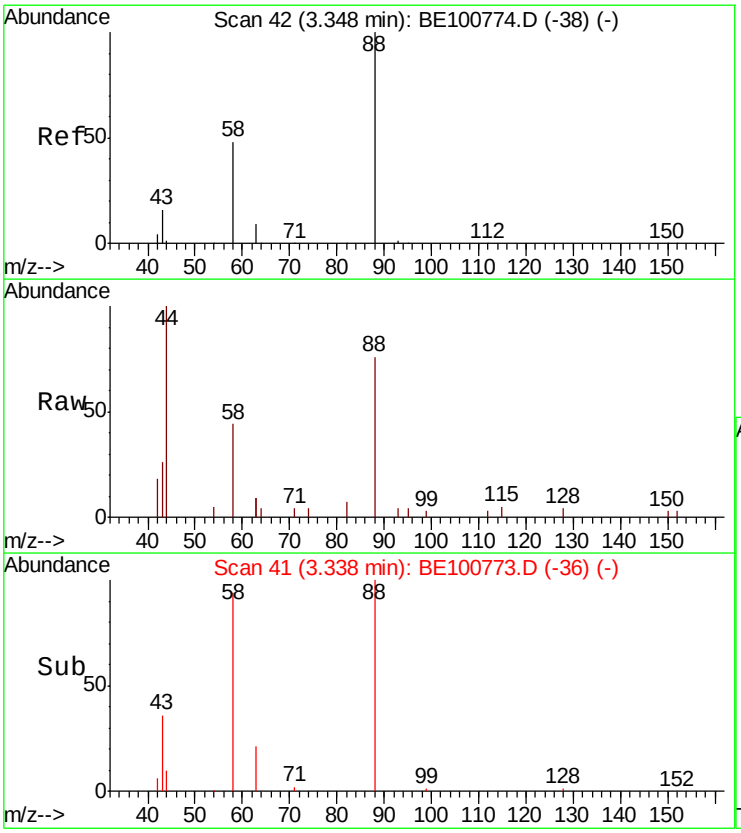
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5349

Ion	Ratio	Lower	Upper
152	100		
150	161.5	120.6	181.0
115	73.3	47.4	71.2#

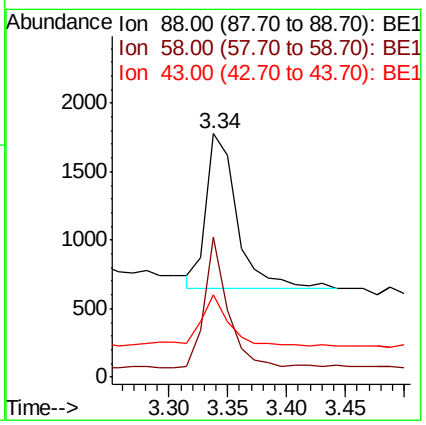


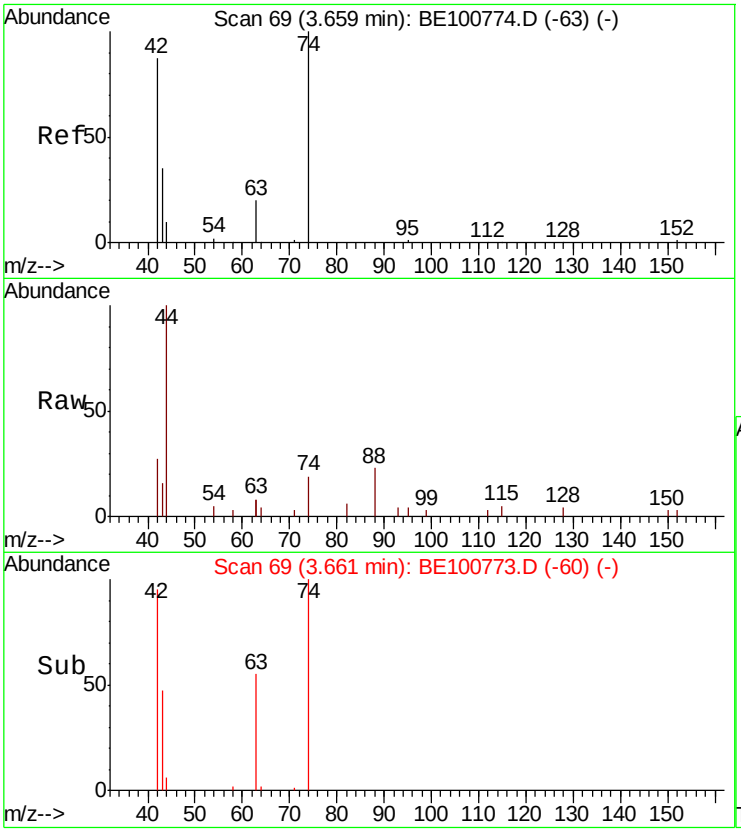


#2
1,4-Dioxane
Concen: 0.206 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion: 88 Resp: 2063

Ion	Ratio	Lower	Upper
88	100		
58	65.0	52.5	78.7
43	30.9	23.0	34.6



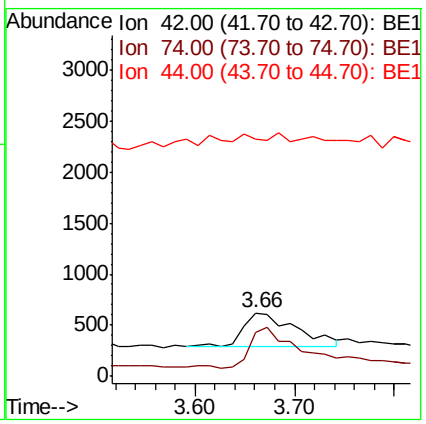


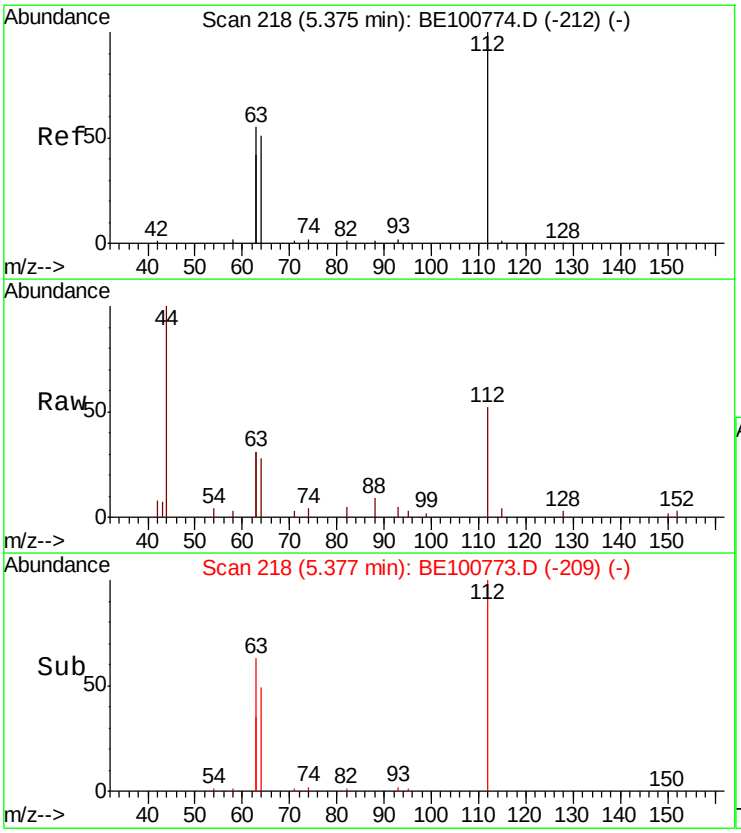
#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1163

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.3	129.5#
44	5.8	11.6	17.4#

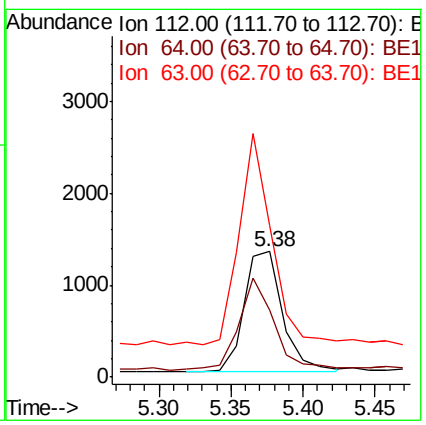


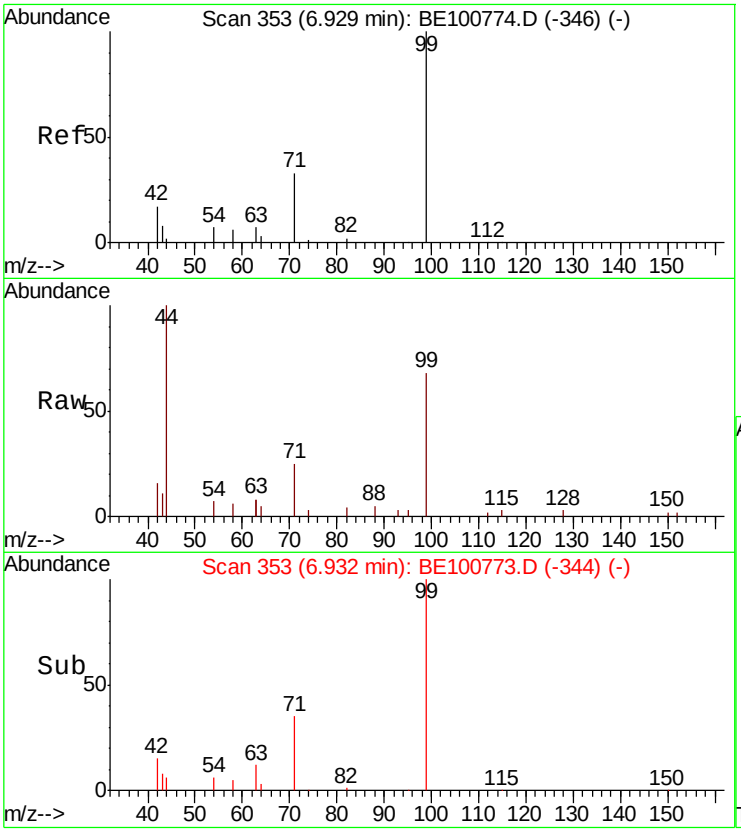


#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:112 Resp: 2410

Ion	Ratio	Lower	Upper
112	100		
64	69.5	54.1	81.1
63	149.5	113.2	169.8



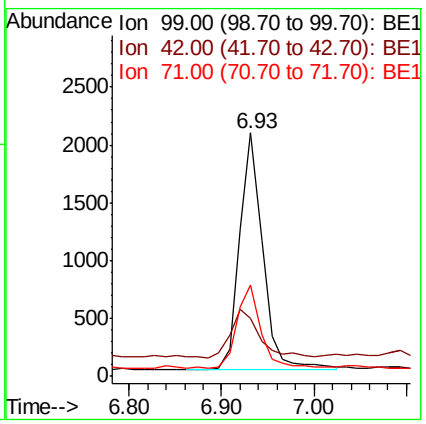


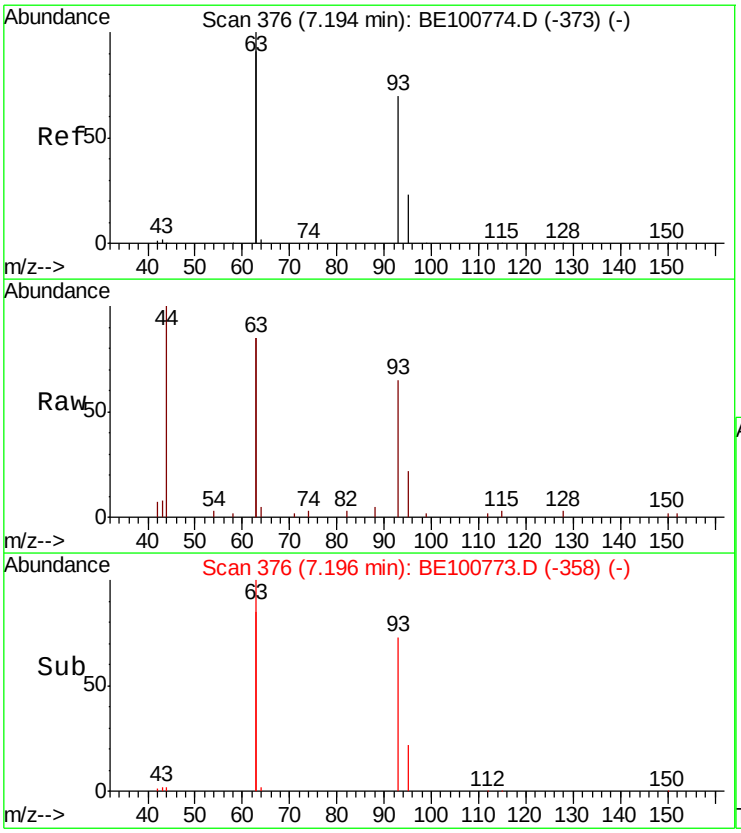
#5
Phenol-d6
Concen: 0.170 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3565

Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.1	28.7
71	35.9	27.7	41.5

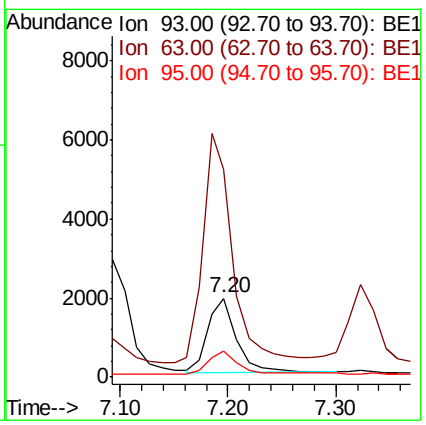


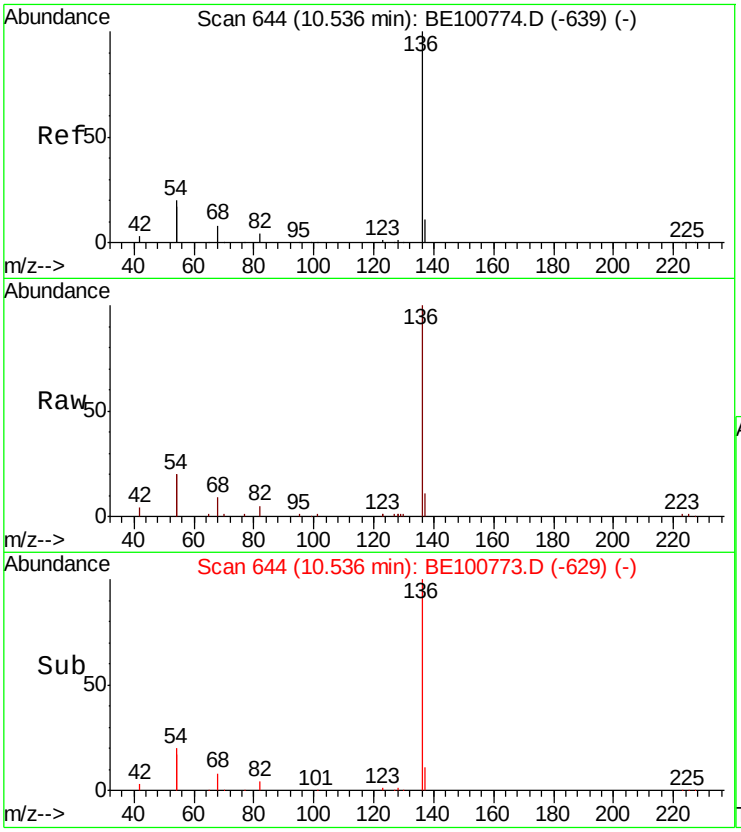


#6
bis(2-Chloroethyl)ether
Concen: 0.198 ng
RT: 7.20 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion: 93 Resp: 3475

Ion	Ratio	Lower	Upper
93	100		
63	316.3	259.4	389.0
95	35.7	26.2	39.2



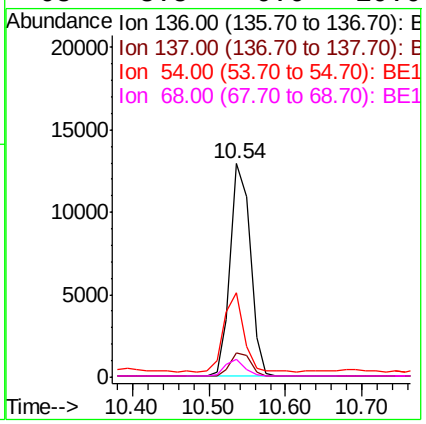


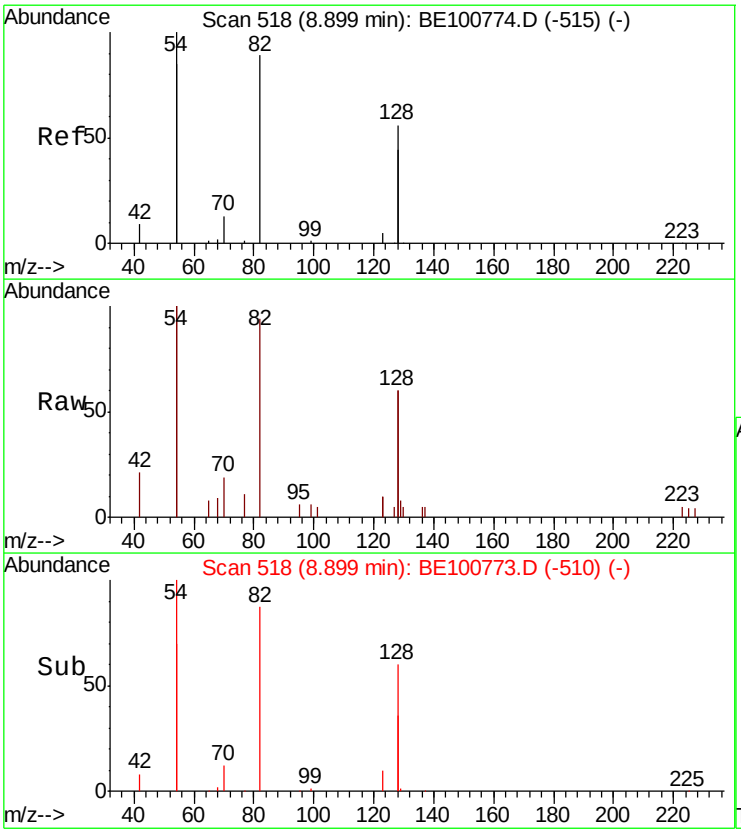
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 23521

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	39.7	31.1	46.7
68	8.5	6.6	10.0

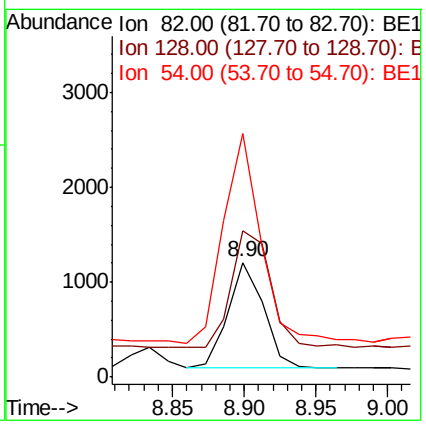


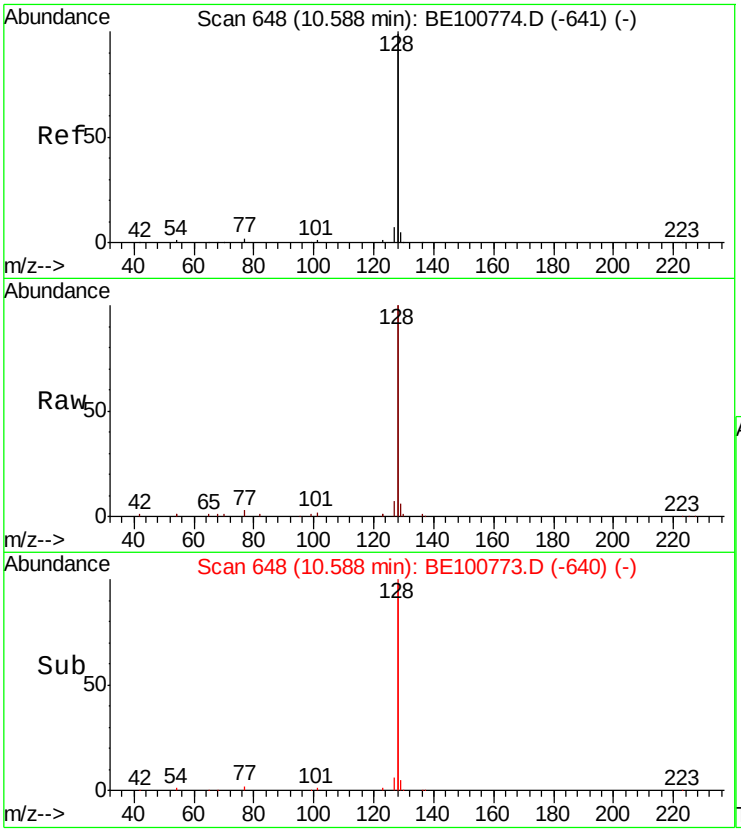


#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion: 82 Resp: 1909

Ion	Ratio	Lower	Upper
82	100		
128	127.5	97.0	145.4
54	212.4	171.8	257.6



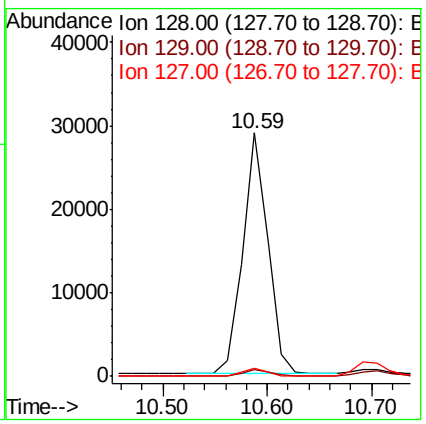


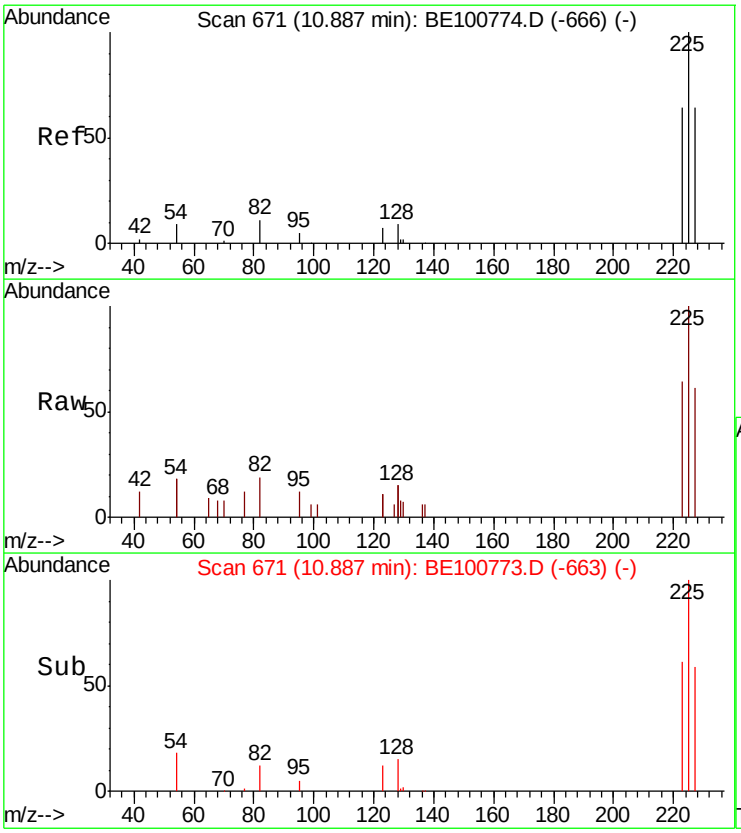
#9
Naphthalene
Concen: 0.193 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 48290

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.2	3.4
127	3.4	2.7	4.1

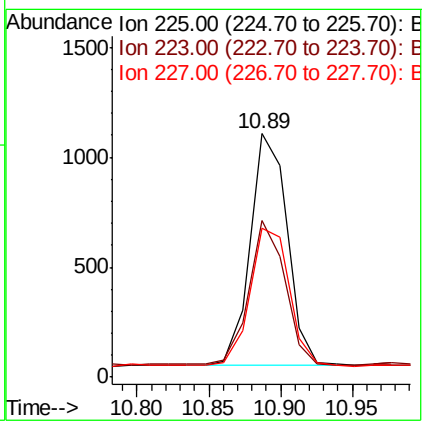


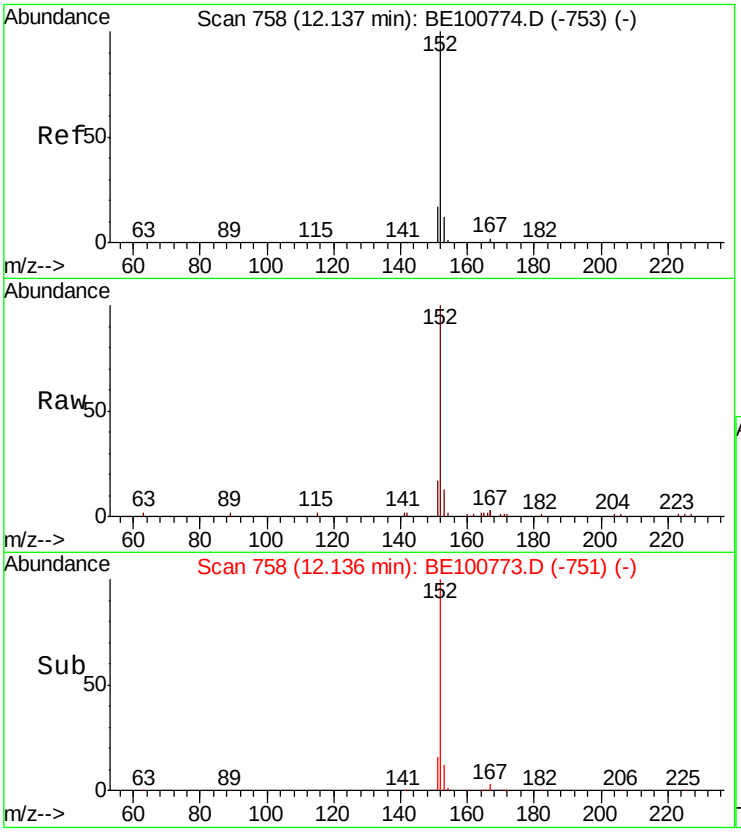


#10
Hexachlorobutadiene
Concen: 0.196 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:225 Resp: 1879

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.9	74.9
227	63.1	52.2	78.4



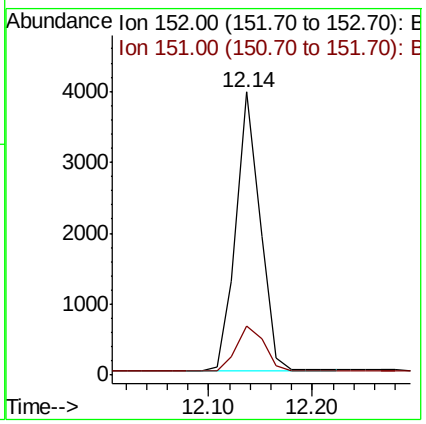


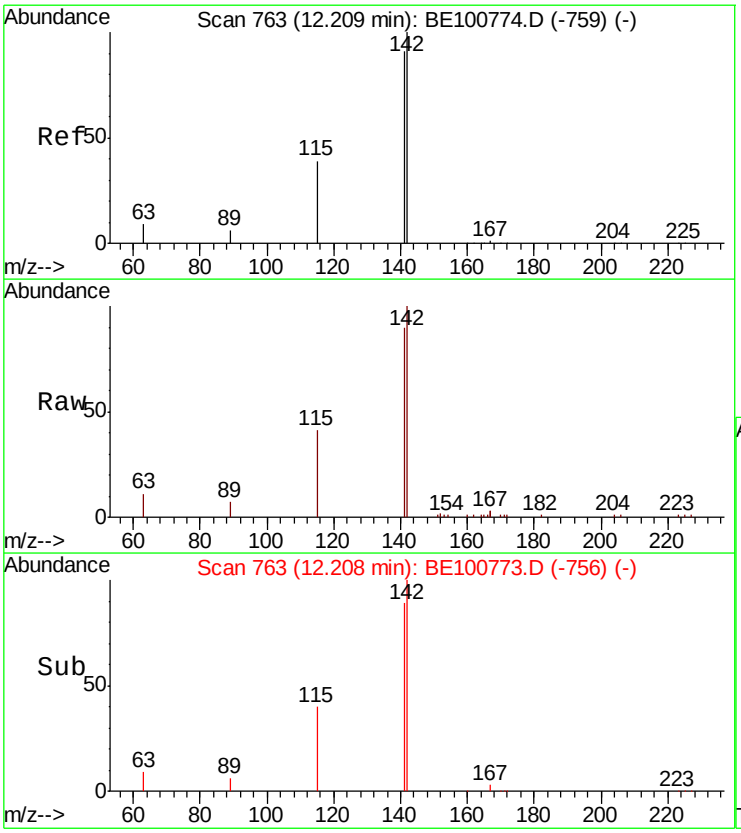
#11
2-Methylnaphthalene-d10
Concen: 0.186 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6405

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8

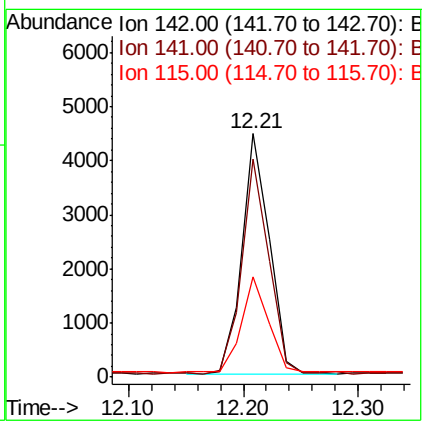


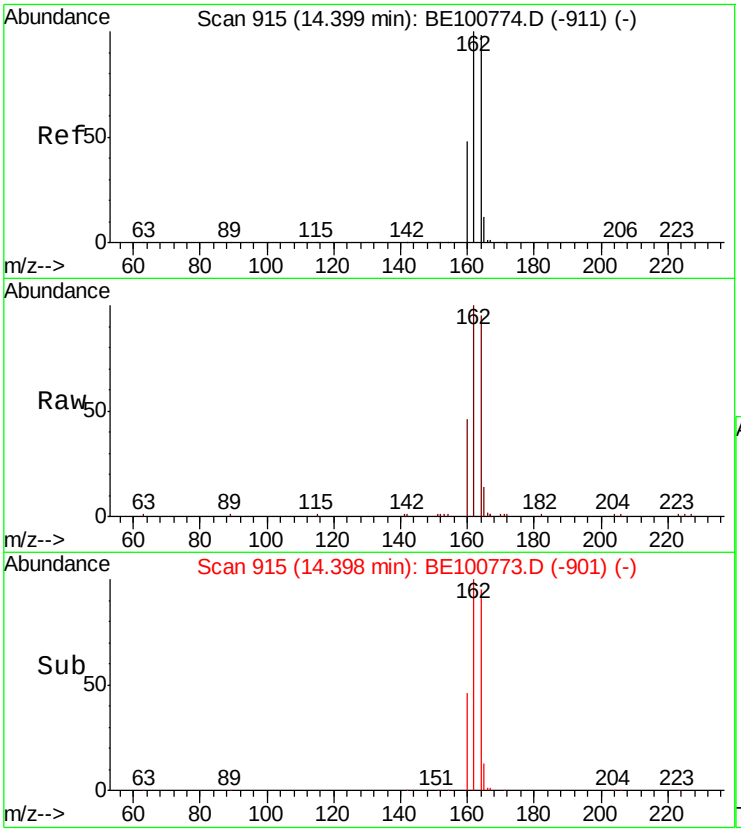


#12
2-Methylnaphthalene
Concen: 0.185 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:142 Resp: 7288

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8
115	41.3	31.8	47.6



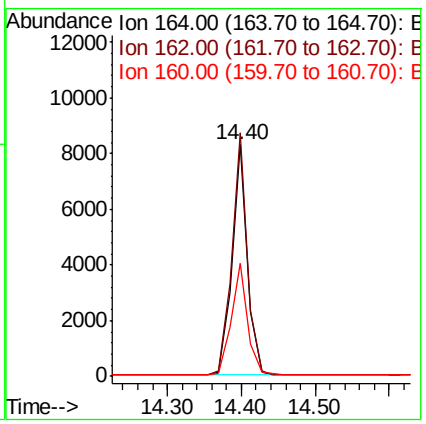


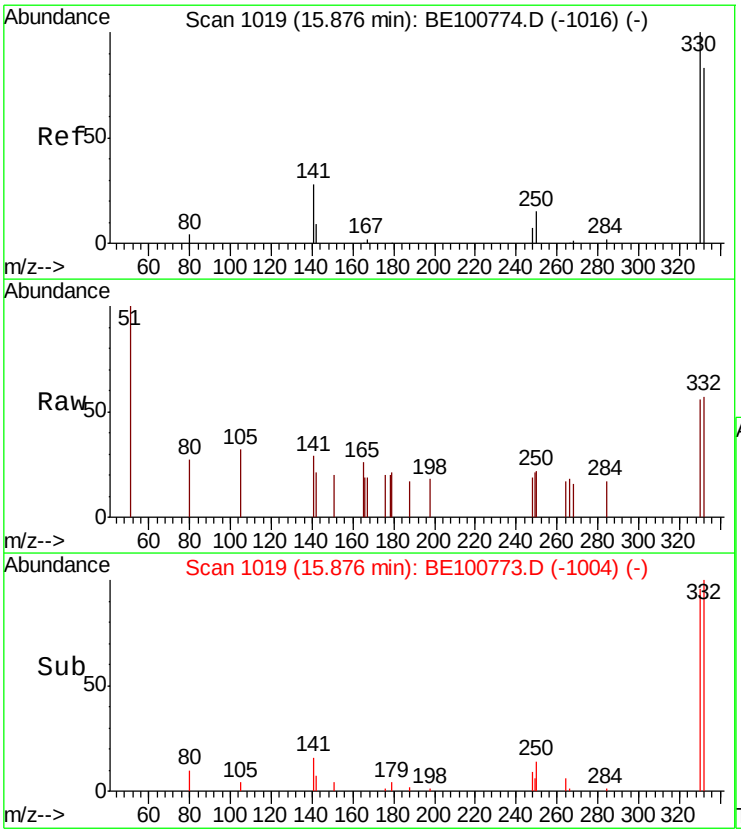
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11882

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.4	122.0
160	48.7	39.4	59.0

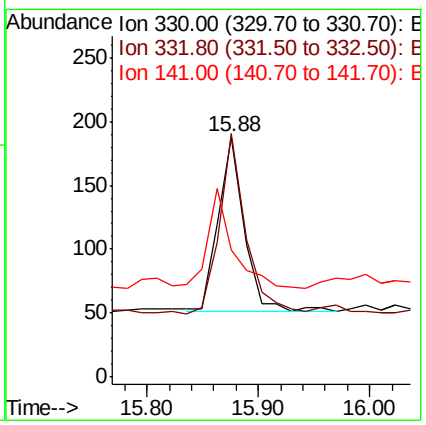


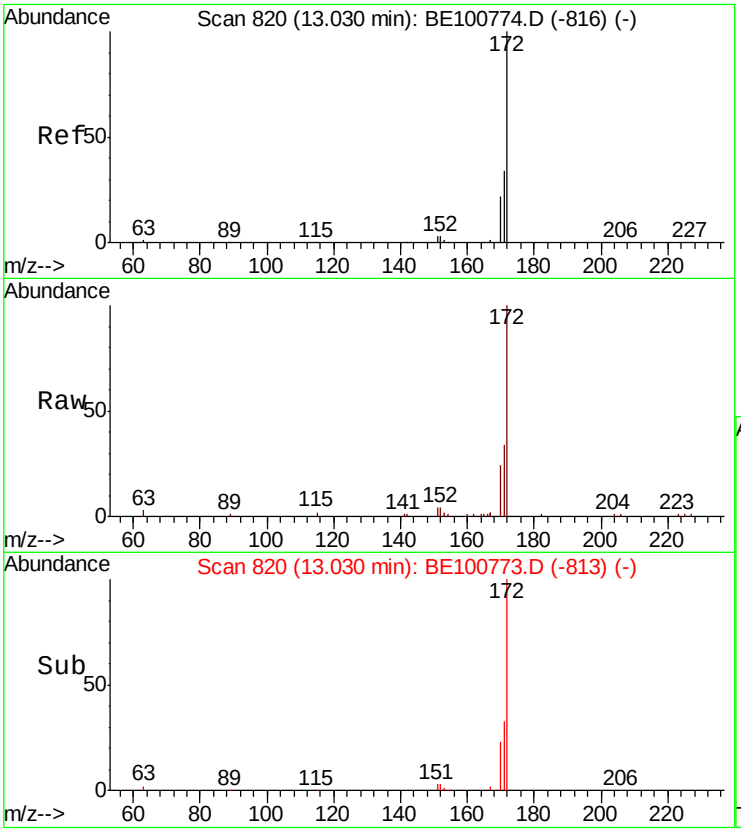


#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:330 Resp: 222

Ion	Ratio	Lower	Upper
330	100		
332	105.0	69.4	104.2#
141	55.9	51.1	76.7



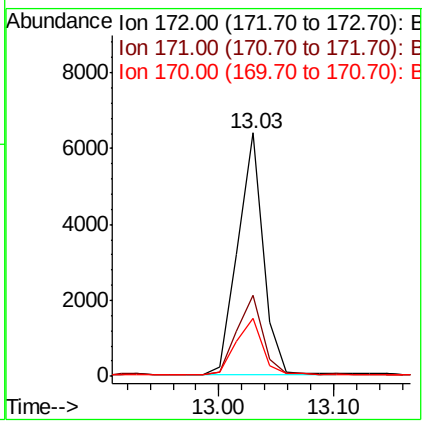


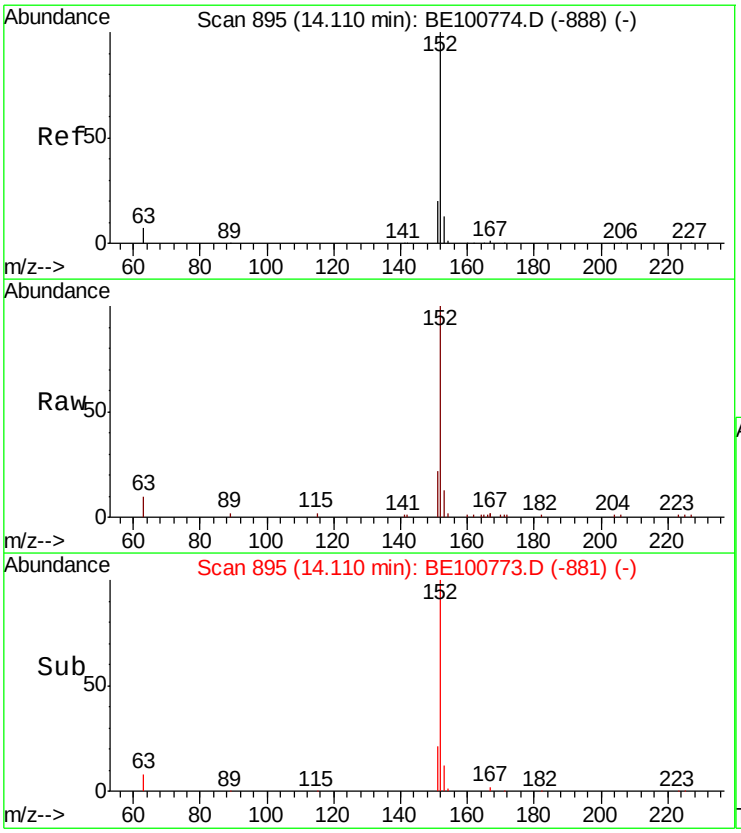
#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9652

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.2	40.8
170	24.1	18.0	27.0

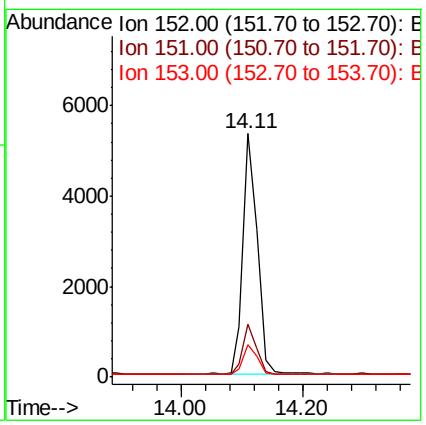


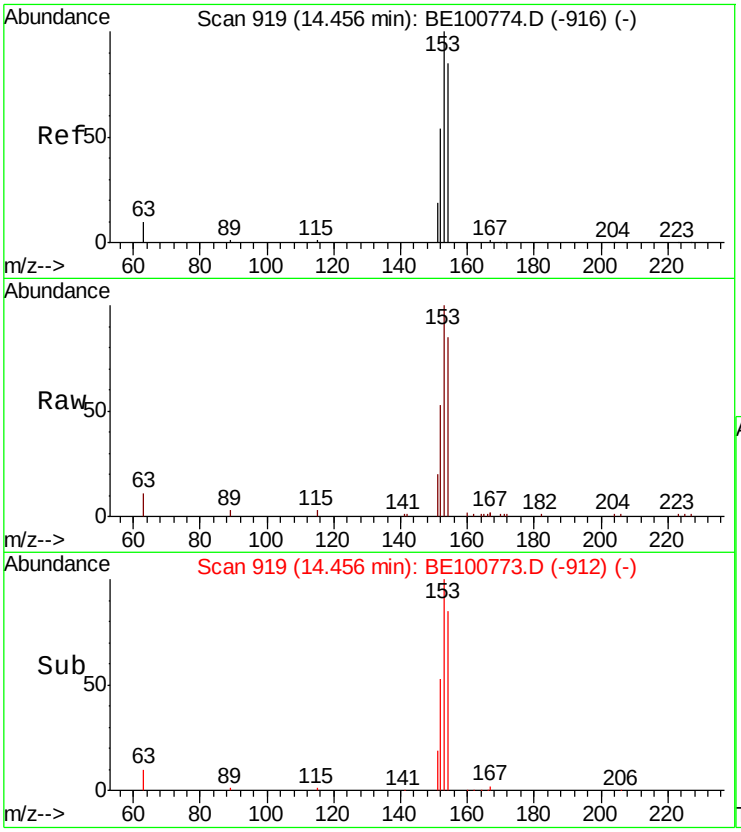


#16
Acenaphthylene
Concen: 0.173 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:152 Resp: 8852

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	12.9	10.4	15.6



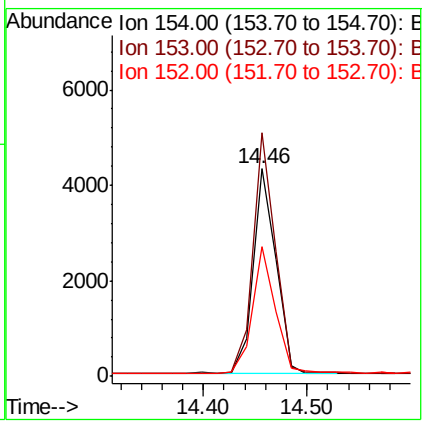


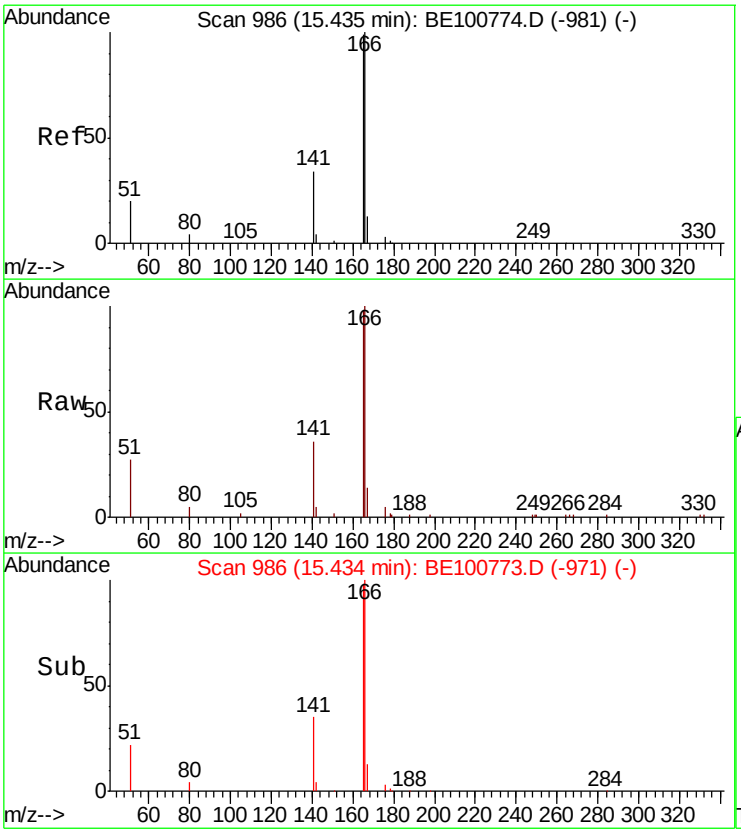
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6566

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.2	138.2
152	61.7	49.1	73.7

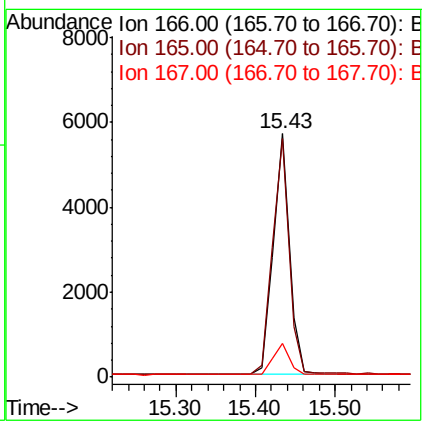


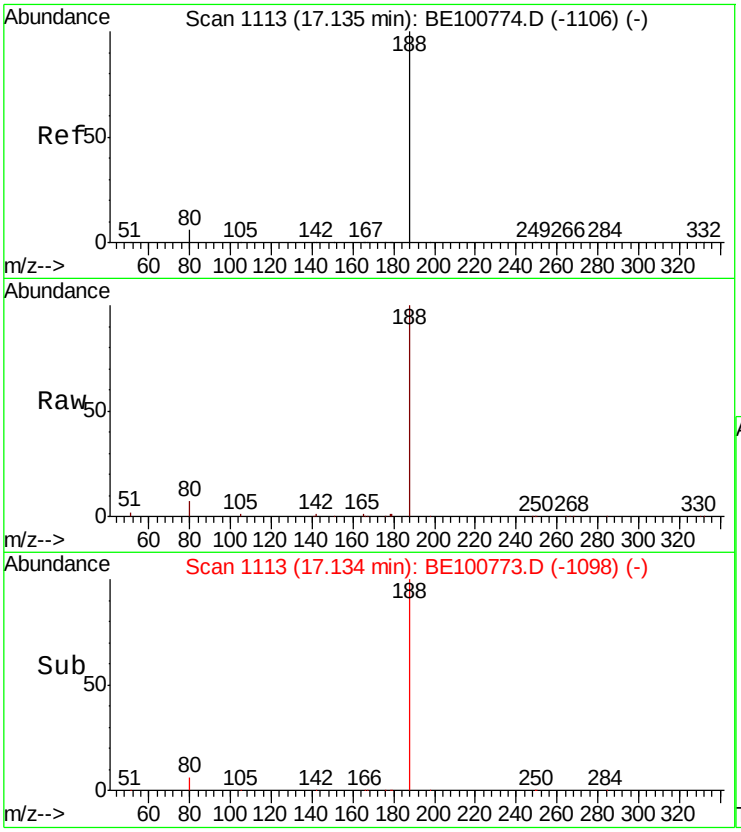


#18
Fluorene
Concen: 0.186 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:166 Resp: 8142

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.5	120.7
167	13.9	10.7	16.1



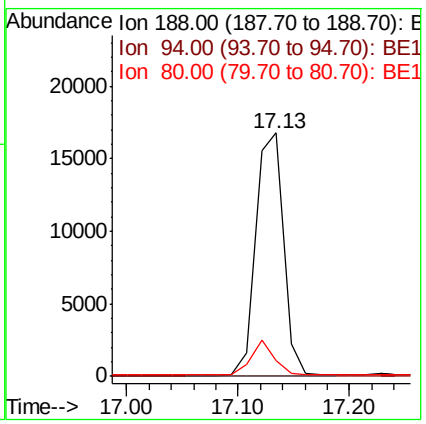


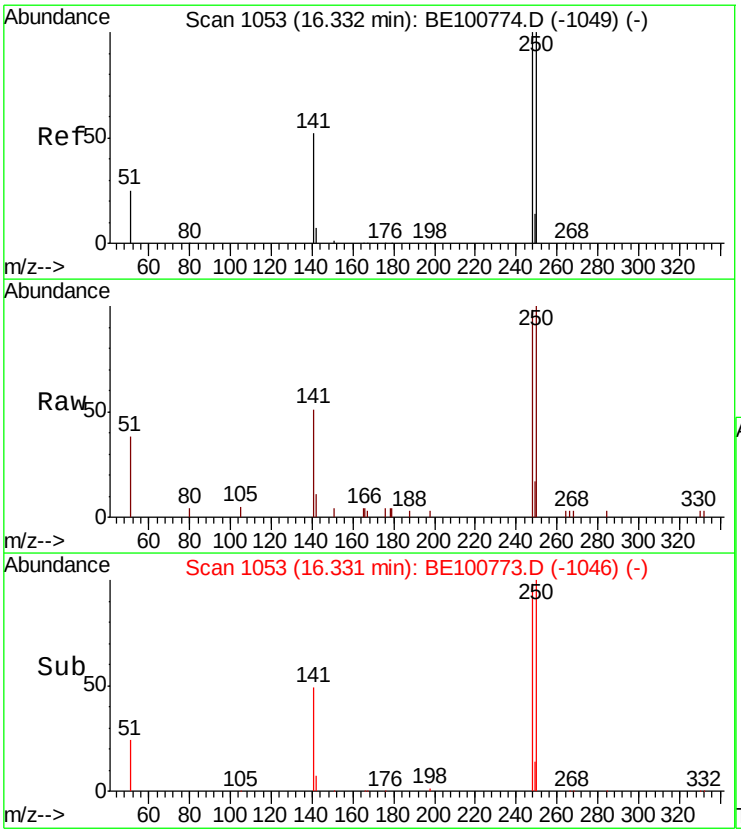
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29255

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	5.2	7.8

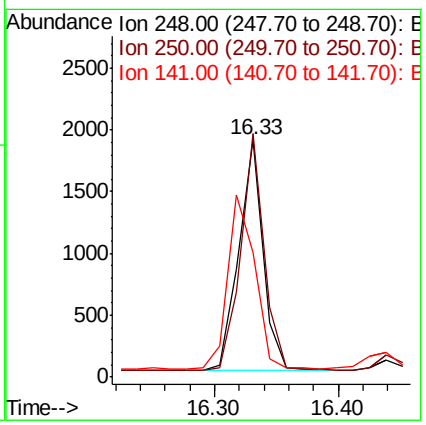


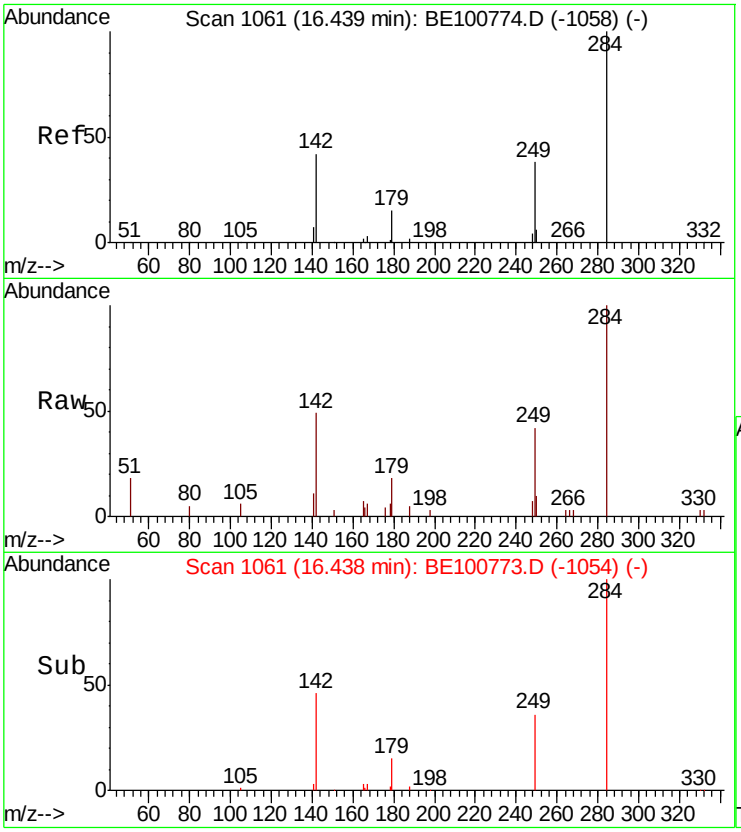


#20
4-Bromophenyl-phenylether
Concen: 0.177 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:248 Resp: 2552

Ion	Ratio	Lower	Upper
248	100		
250	102.5	80.5	120.7
141	52.7	42.6	64.0



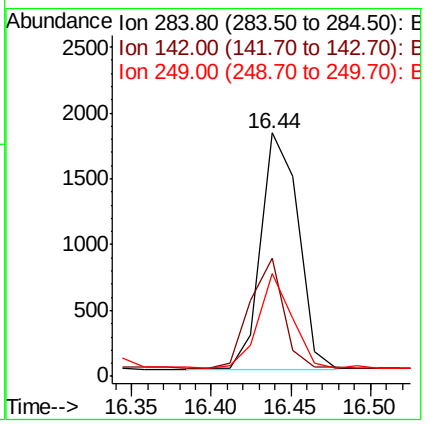


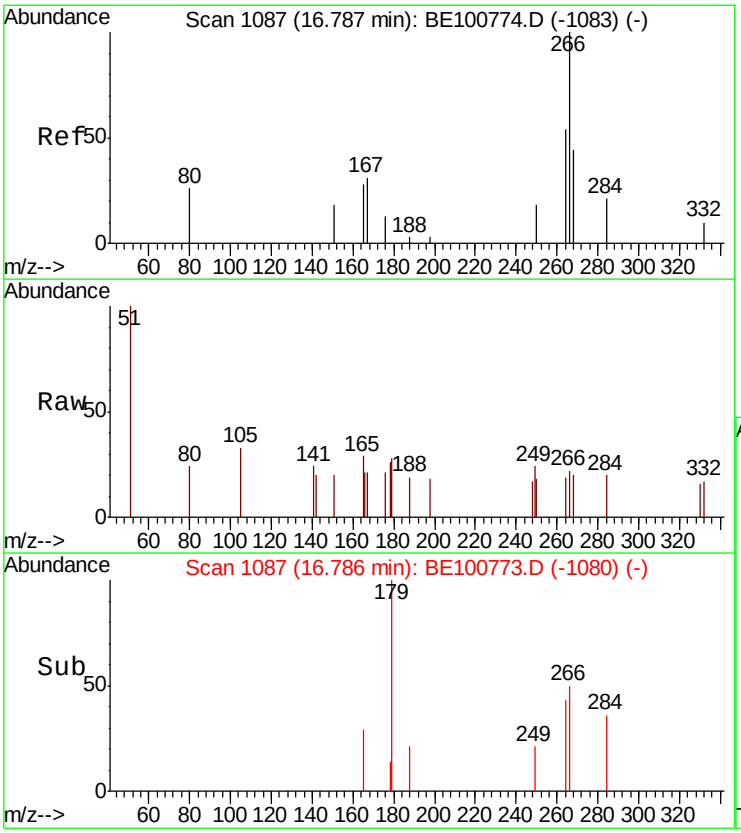
#21
Hexachlorobenzene
Concen: 0.197 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2955

Ion	Ratio	Lower	Upper
284	100		
142	41.2	34.4	51.6
249	36.1	28.5	42.7

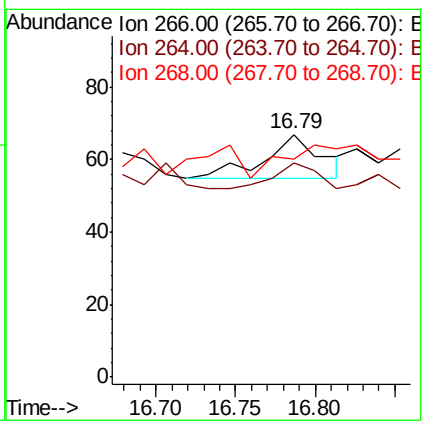


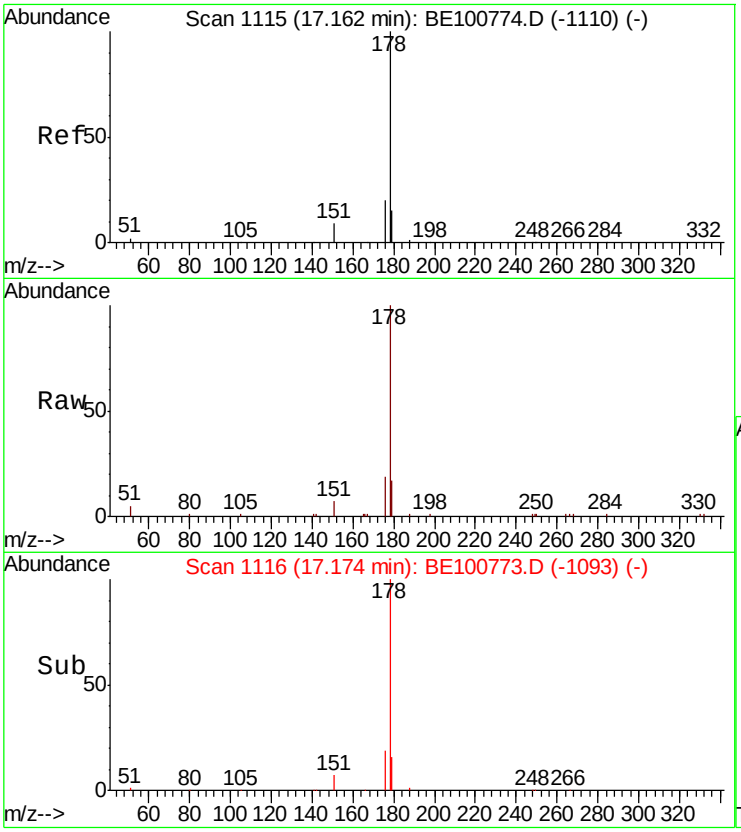


#22
Pentachlorophenol
Concen: 0.011 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:266 Resp: 30

Ion	Ratio	Lower	Upper
266	100		
264	88.1	63.4	95.0
268	89.6	65.8	98.8



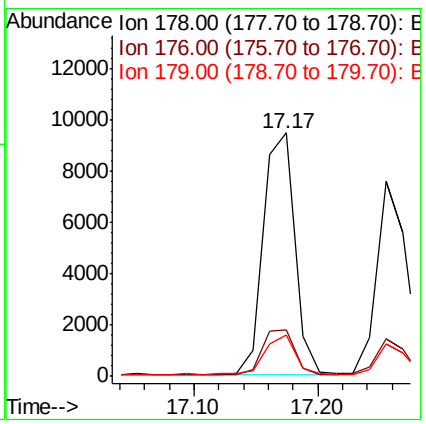


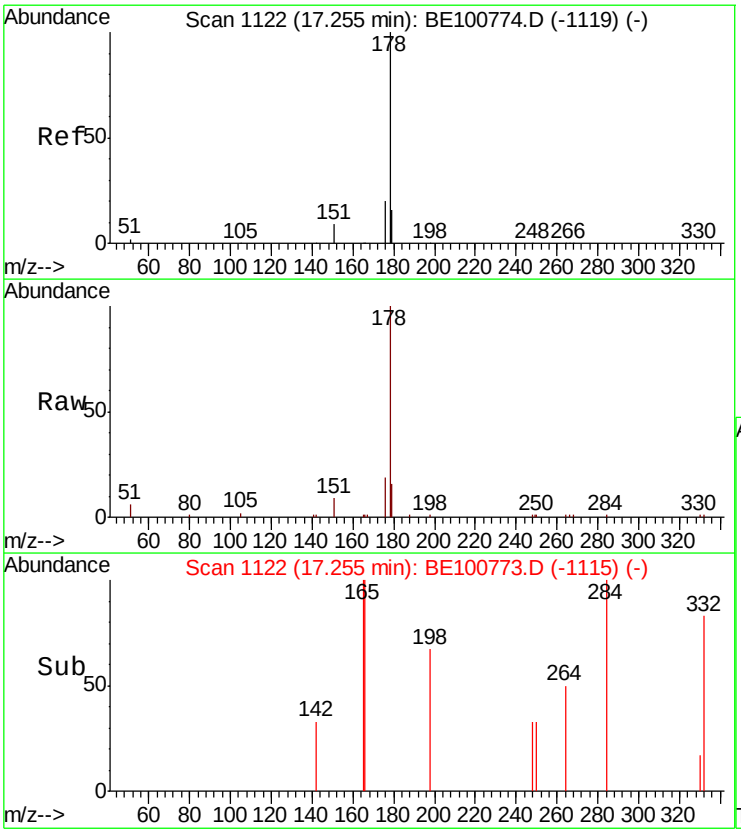
#23
Phenanthrene
Concen: 0.188 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 16576

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.3	18.5

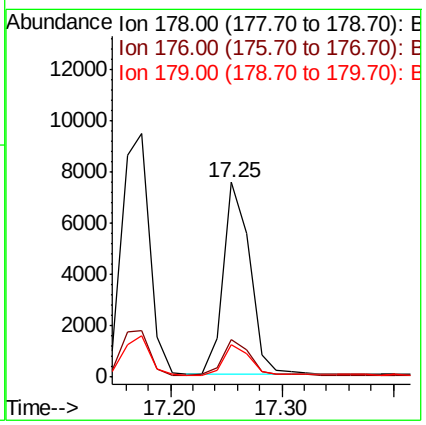


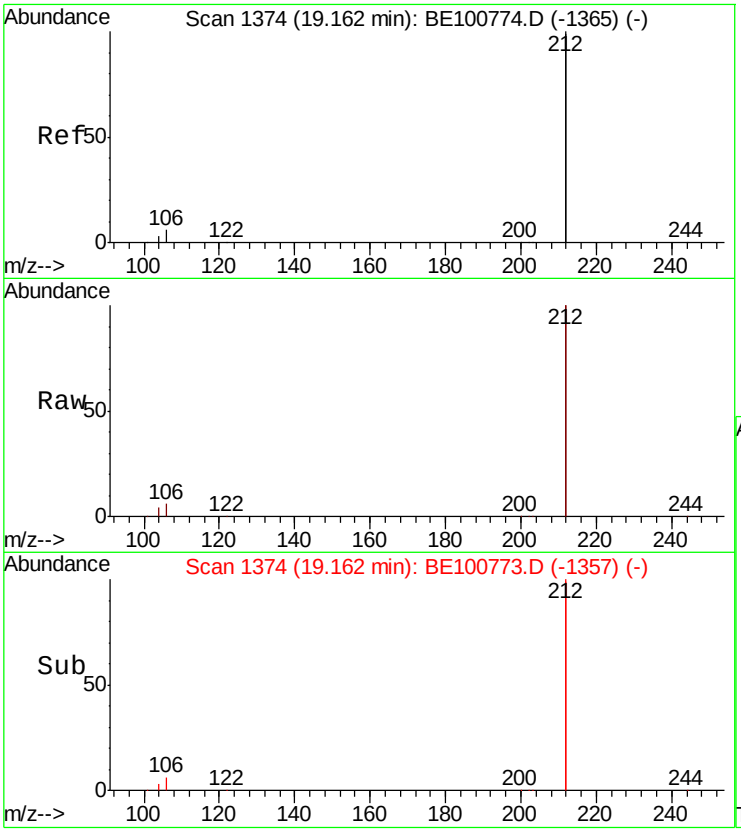


#24
Anthracene
Concen: 0.164 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:178 Resp: 12456

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.2	12.7	19.1



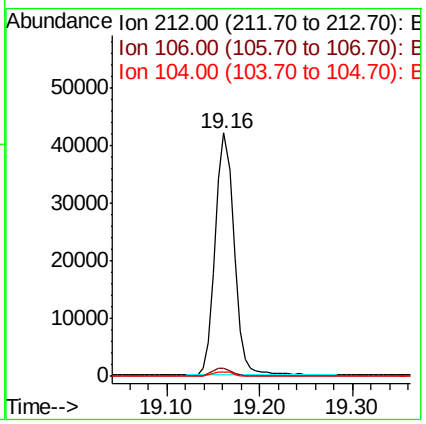


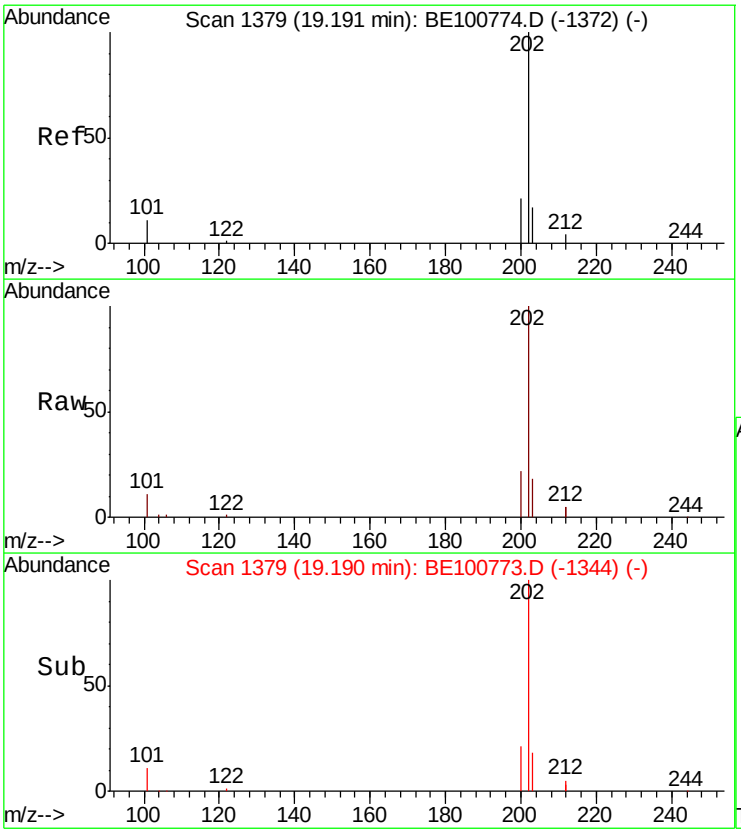
#25
Fluoranthene-d10
Concen: 0.165 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 59148

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.2

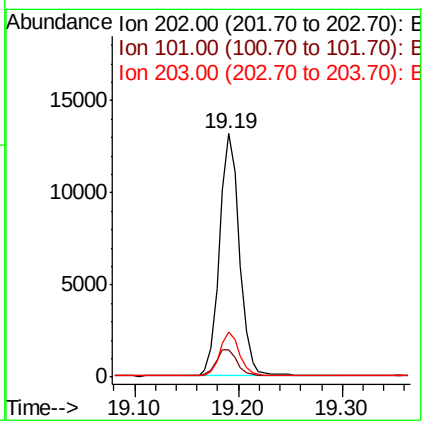


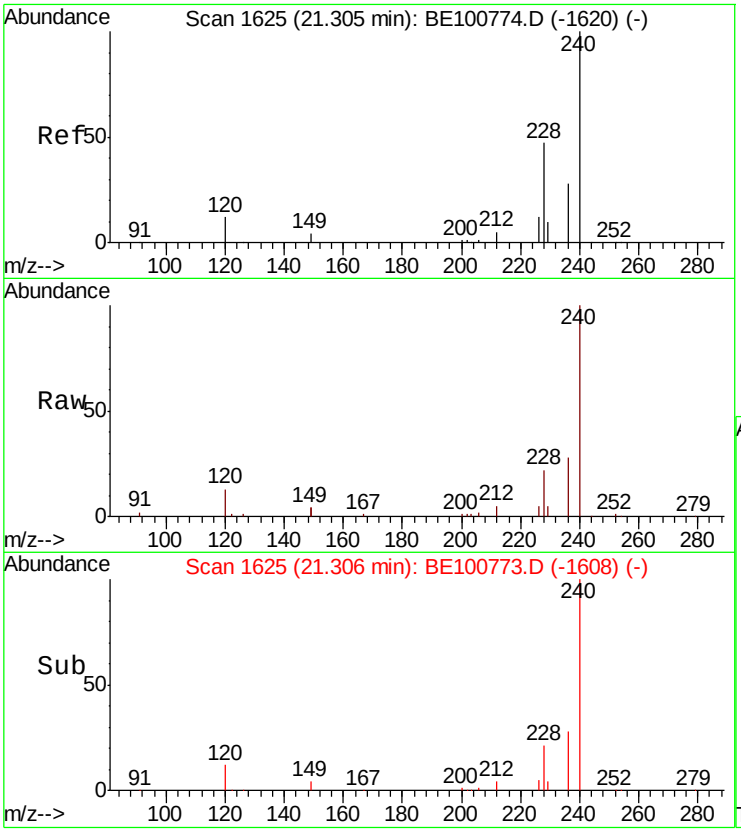


#26
Fluoranthene
Concen: 0.163 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:202 Resp: 17525

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
203	17.5	13.8	20.6



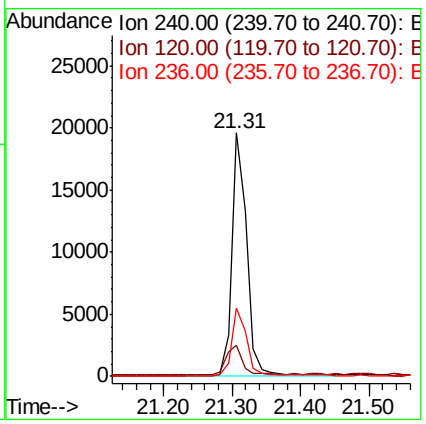


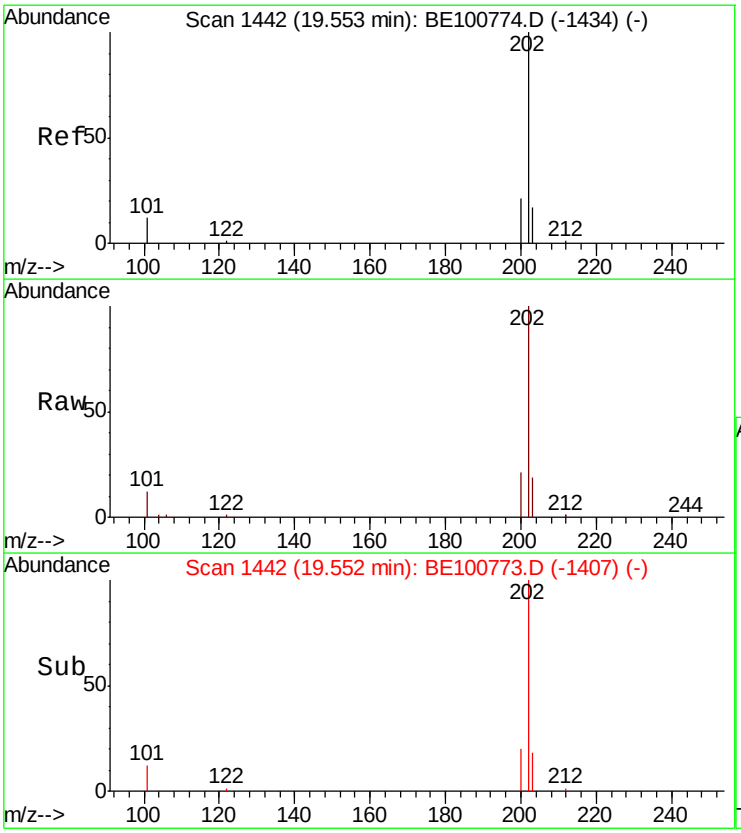
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 28963

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.2	15.2
236	28.2	22.3	33.5

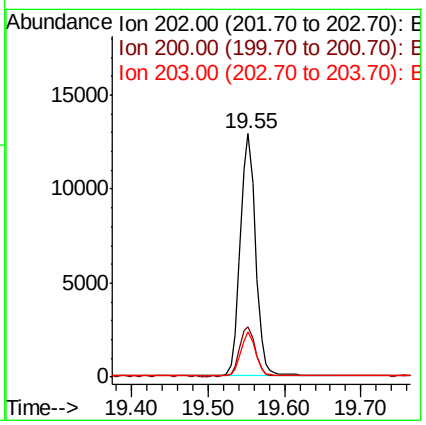


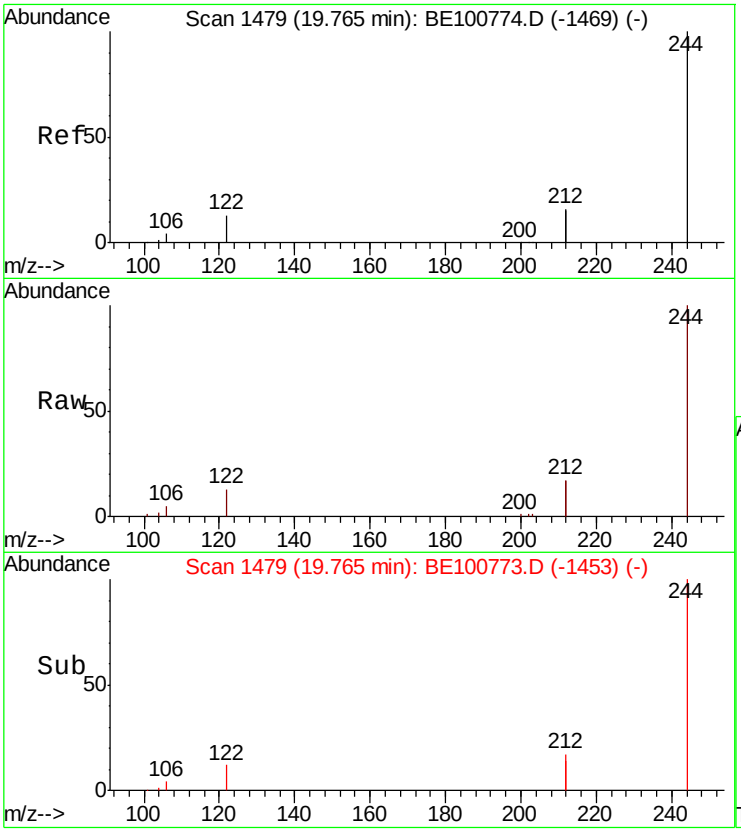


#28
Pyrene
Concen: 0.201 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:202 Resp: 18017

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	13.9	20.9



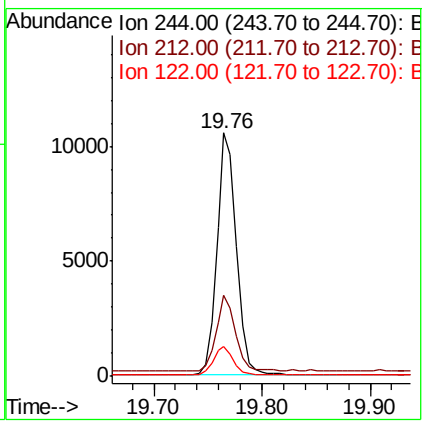


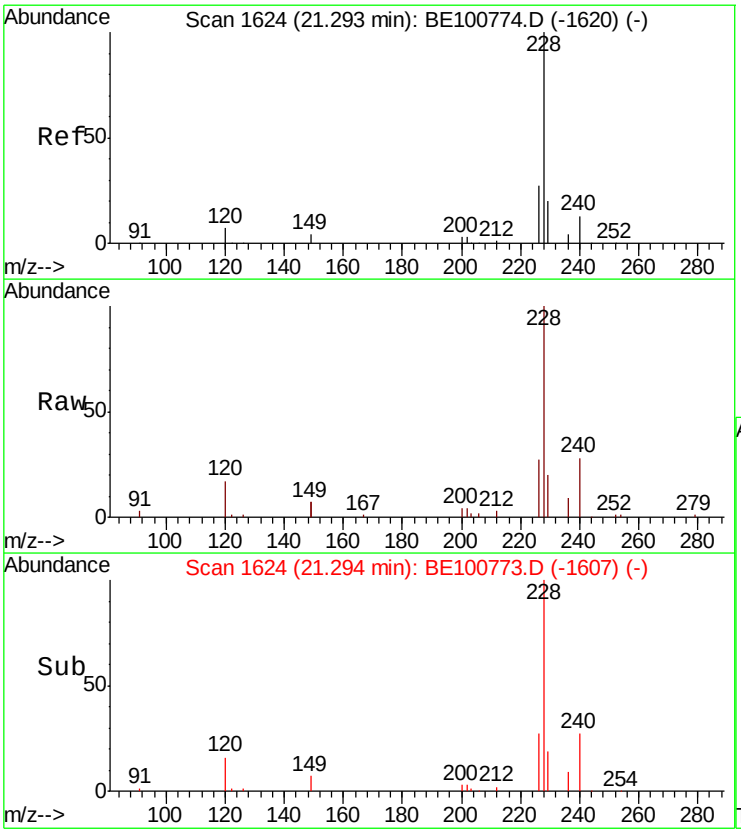
#29
Terphenyl-d14
Concen: 0.199 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13257

Ion	Ratio	Lower	Upper
244	100		
212	33.2	26.2	39.4
122	12.5	10.2	15.4

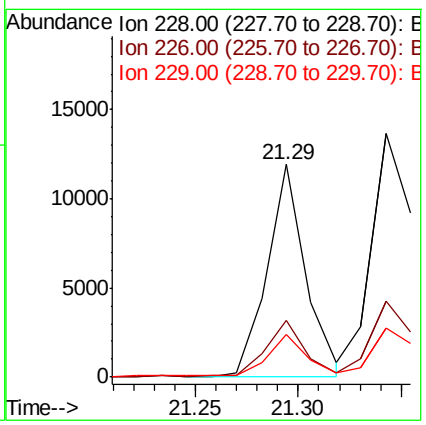


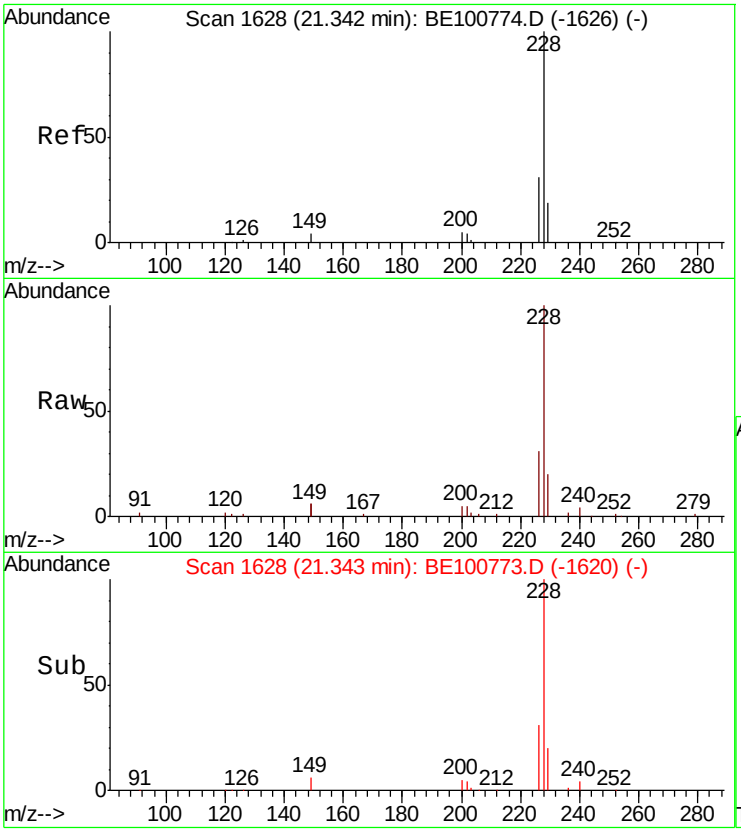


#30
Benzo(a)anthracene
Concen: 0.159 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:228 Resp: 15512

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.8	16.0	24.0



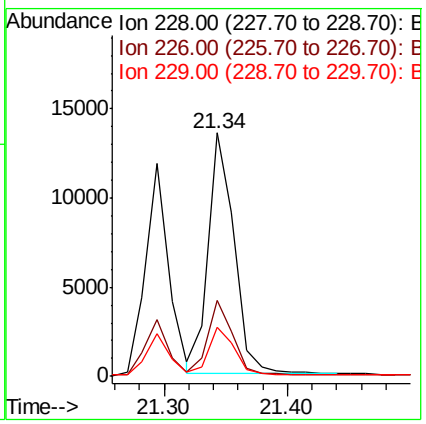


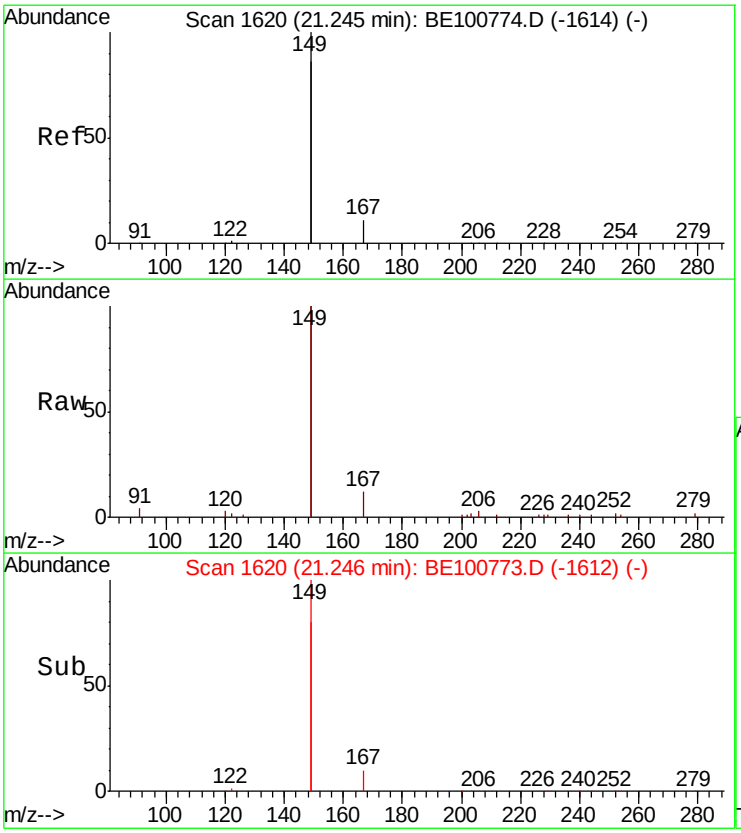
#31
Chrysene
Concen: 0.200 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 19819

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	19.9	15.4	23.2

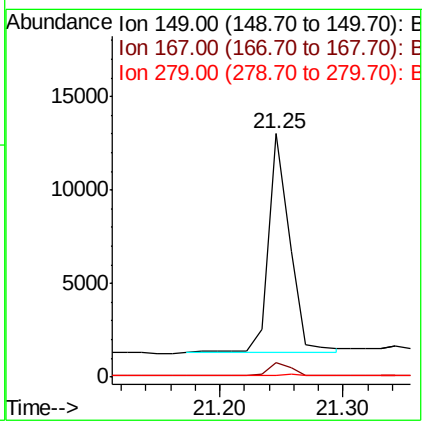


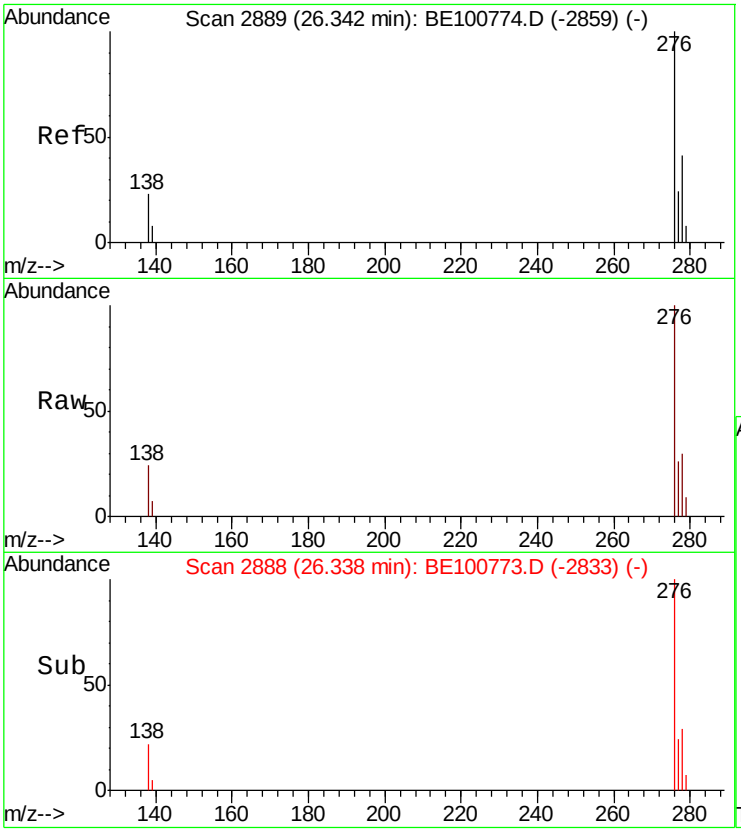


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:149 Resp: 14239

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.0	7.6
279	1.1	0.7	1.1



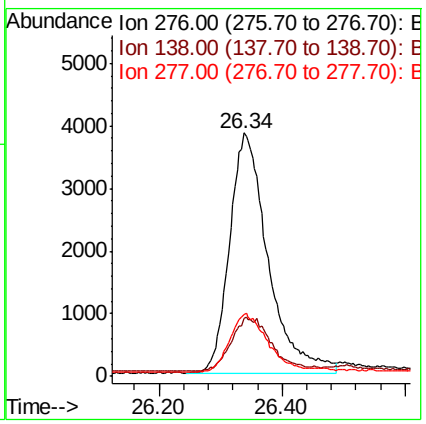


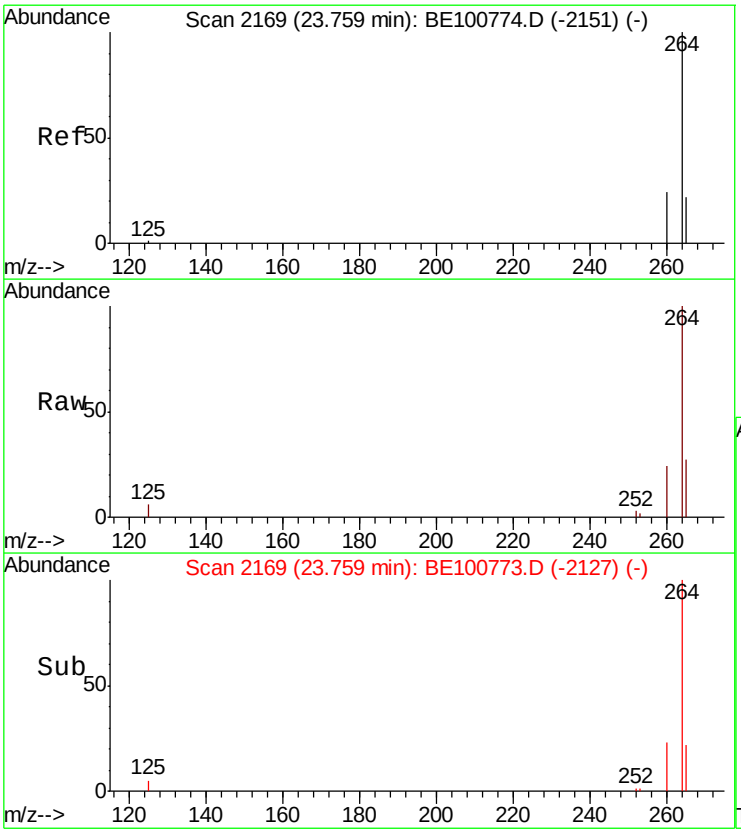
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng
RT: 26.34 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16674

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.4	29.0
277	24.2	19.8	29.6

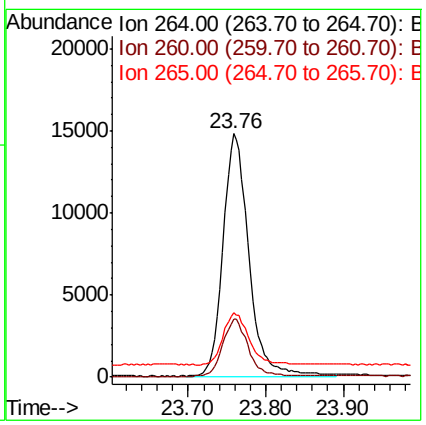


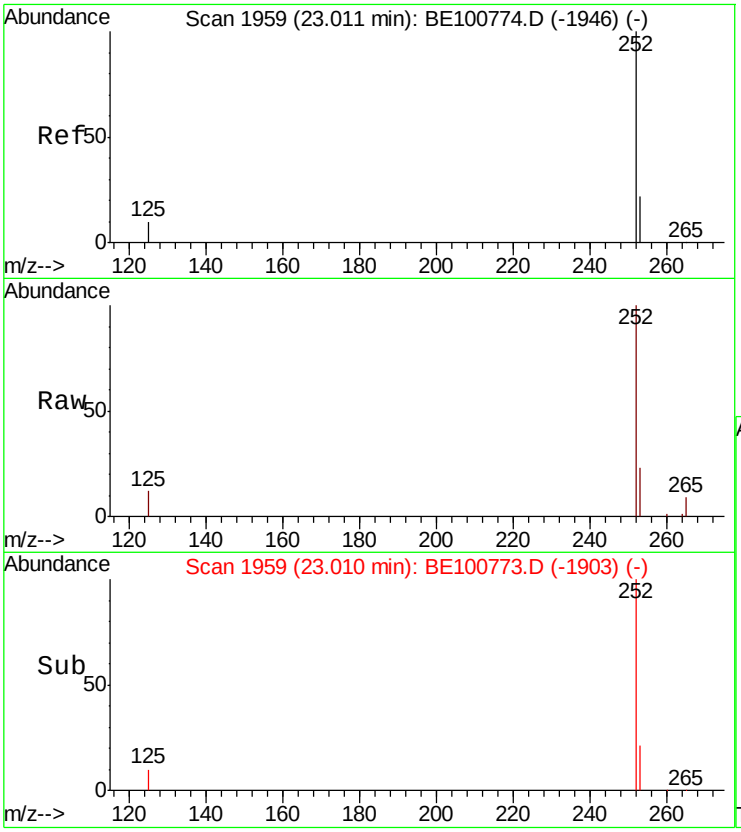


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:264 Resp: 34090

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	26.7	21.8	32.8



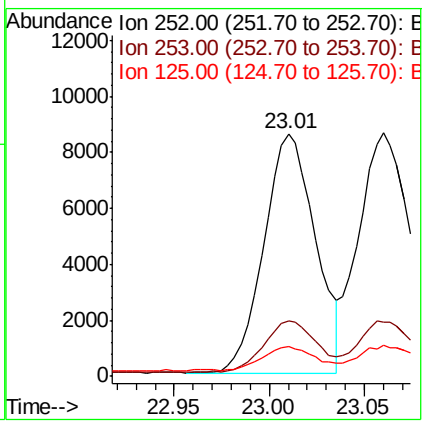


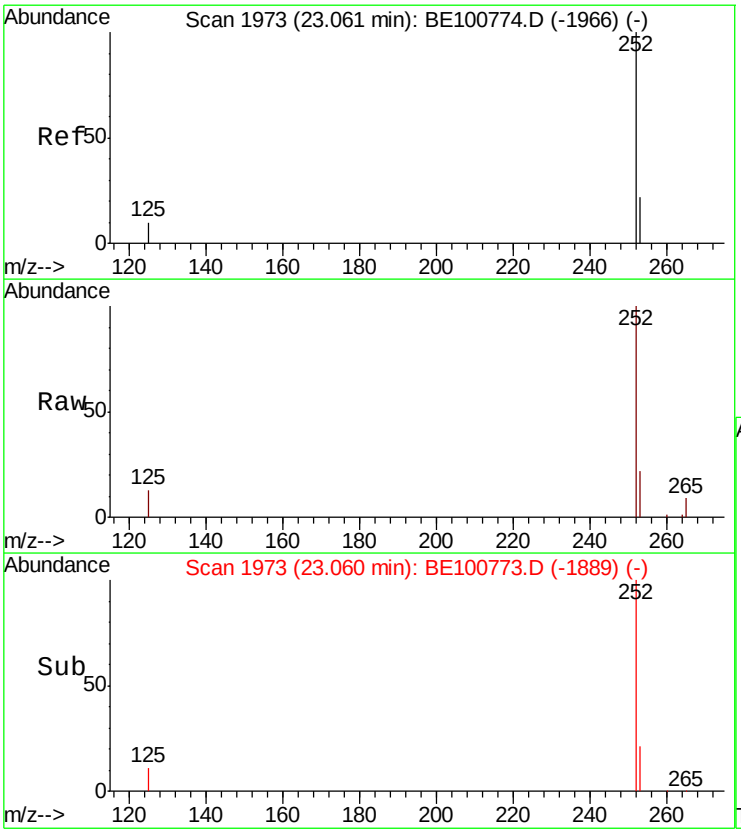
#35
Benzo(b)fluoranthene
Concen: 0.150 ng
RT: 23.01 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16075

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.1	9.0	13.4

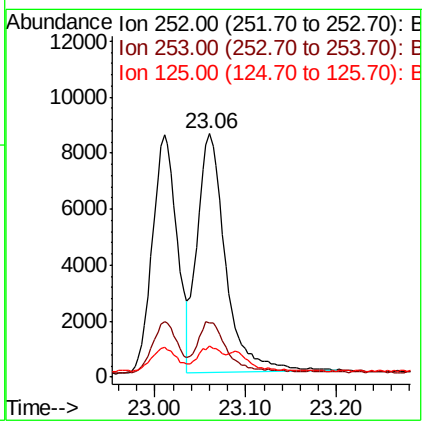


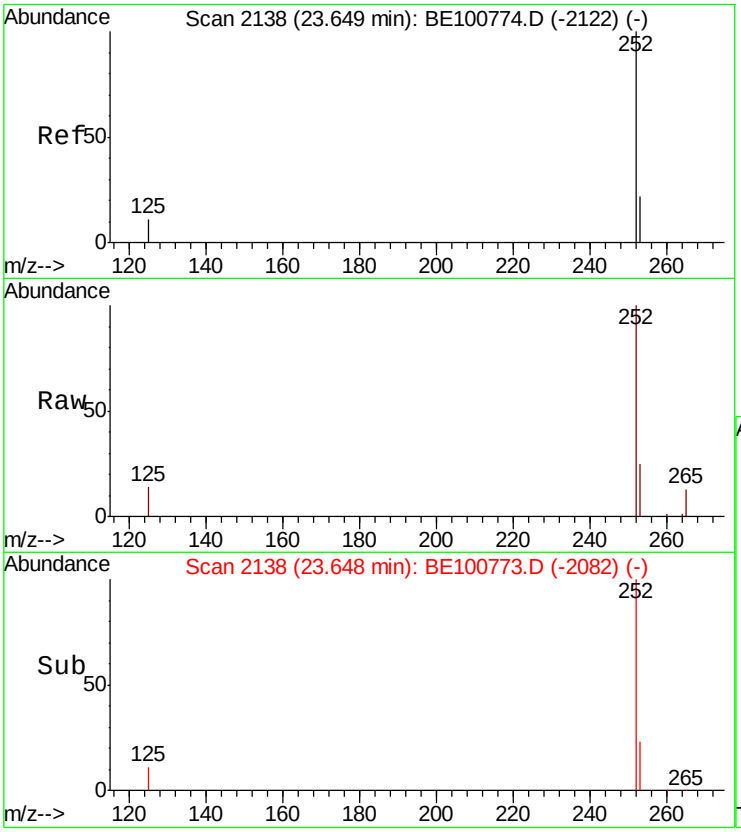


#36
Benzo(k)fluoranthene
Concen: 0.163 ng
RT: 23.06 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:252 Resp: 18220

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	13.0	8.7	13.1



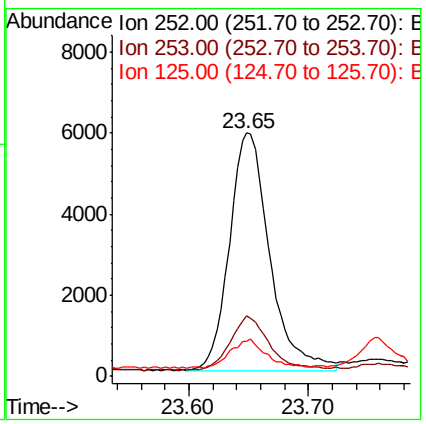


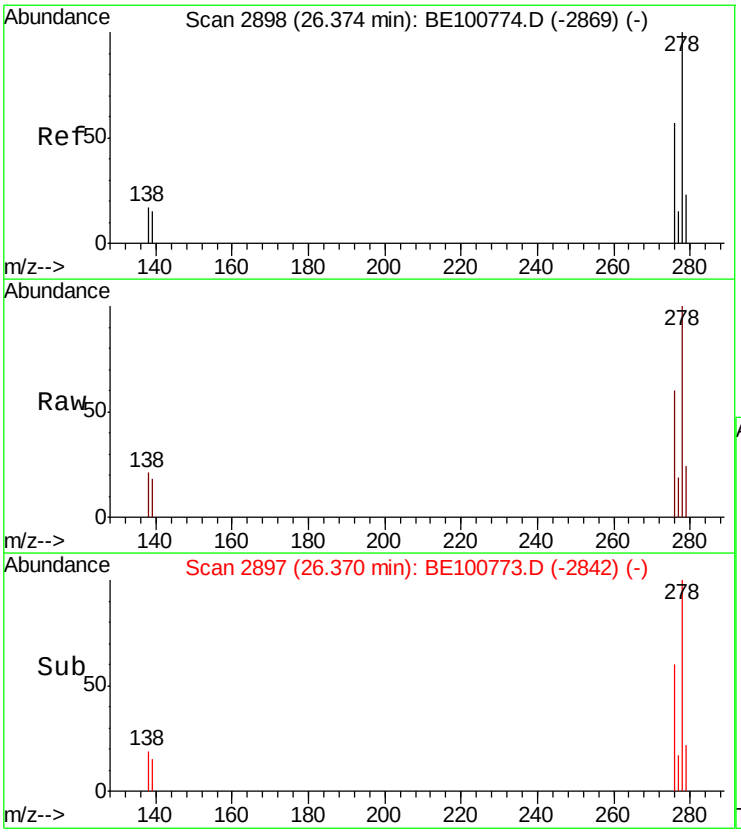
#37
Benzo(a)pyrene
Concen: 0.145 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13703

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	14.2	10.4	15.6

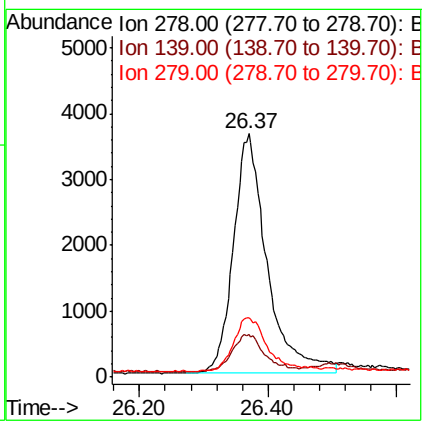


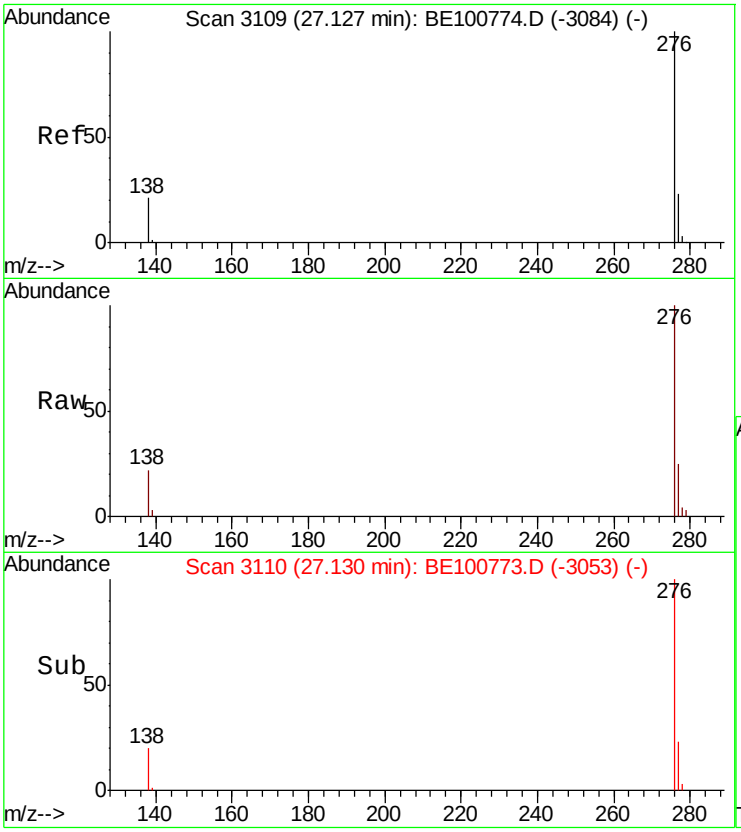


#38
Dibenzo(a,h)anthracene
Concen: 0.134 ng
RT: 26.37 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Tgt Ion:278 Resp: 13302

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.0	19.4
279	24.5	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.149 ng
RT: 27.13 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE100773.D
Acq: 4 Dec 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15395

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	22.0	17.8	26.6