Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100724.D
Acq On : 14 Nov 2019 17:00
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 14 17:57:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1956	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	8514	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	5606	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	12717	0.40	ng		0.00
27) Chrysene-d12	21.29	240	17363	0.40	ng		0.00
34) Perylene-d12	23.73	264	18830	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	19206	3.18	ng		0.00
5) Phenol-d6	6.94	99	27510	3.23	ng		0.00
8) Nitrobenzene-d5	8.91	82	25165	4.77	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	44943	3.35	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	3434	2.32	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	67408	3.30	ng		0.00
25) Fluoranthene-d10	19.16	212	580421	3.54	ng		0.00
29) Terphenyl-d14	19.76	244	137930	3.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	10618	3.042	ng		95
3) n-Nitrosodimethylamine	3.58	42	11734	3.179	ng	#	96
6) bis(2-Chloroethyl)ether	7.19	93	23670	3.386	ng		97
9) Naphthalene	10.60	128	285171	3.185	ng		99
10) Hexachlorobutadiene	10.90	225	13265	3.410	ng		98
12) 2-Methylnaphthalene	12.22	142	50493	3.309	ng		95
16) Acenaphthylene	14.13	152	80853	3.352	ng		98
17) Acenaphthene	14.47	154	49843	3.197	ng		99
18) Fluorene	15.43	166	68534	3.310	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	23045	3.561	ng		96
21) Hexachlorobenzene	16.45	284	22552	3.658	ng		97
22) Pentachlorophenol	16.79	266	6	0.003	ng		97
23) Phenanthrene	17.17	178	117336	3.354	ng		99
24) Anthracene	17.26	178	110620	3.408	ng		99
26) Fluoranthene	19.18	202	160116	3.507	ng		99
28) Pyrene	19.55	202	161607	3.331	ng		100
30) Benzo(a)anthracene	21.28	228	185420	3.274	ng		100
31) Chrysene	21.33	228	185287	3.273	ng		100
32) Bis(2-ethylhexyl)phthalate	21.22	149	327027	2.761	ng		99
33) Indeno(1,2,3-cd)pyrene	26.29	276	216575	3.113	ng		99
35) Benzo(b)fluoranthene	22.99	252	187078	3.407	ng		98
36) Benzo(k)fluoranthene	23.04	252	191610	3.393	ng		97
37) Benzo(a)pyrene	23.62	252	173572	3.396	ng		97
38) Dibenzo(a,h)anthracene	26.31	278	181096	3.428	ng		97
39) Benzo(g,h,i)perylene	27.08	276	174664	3.288	ng		98

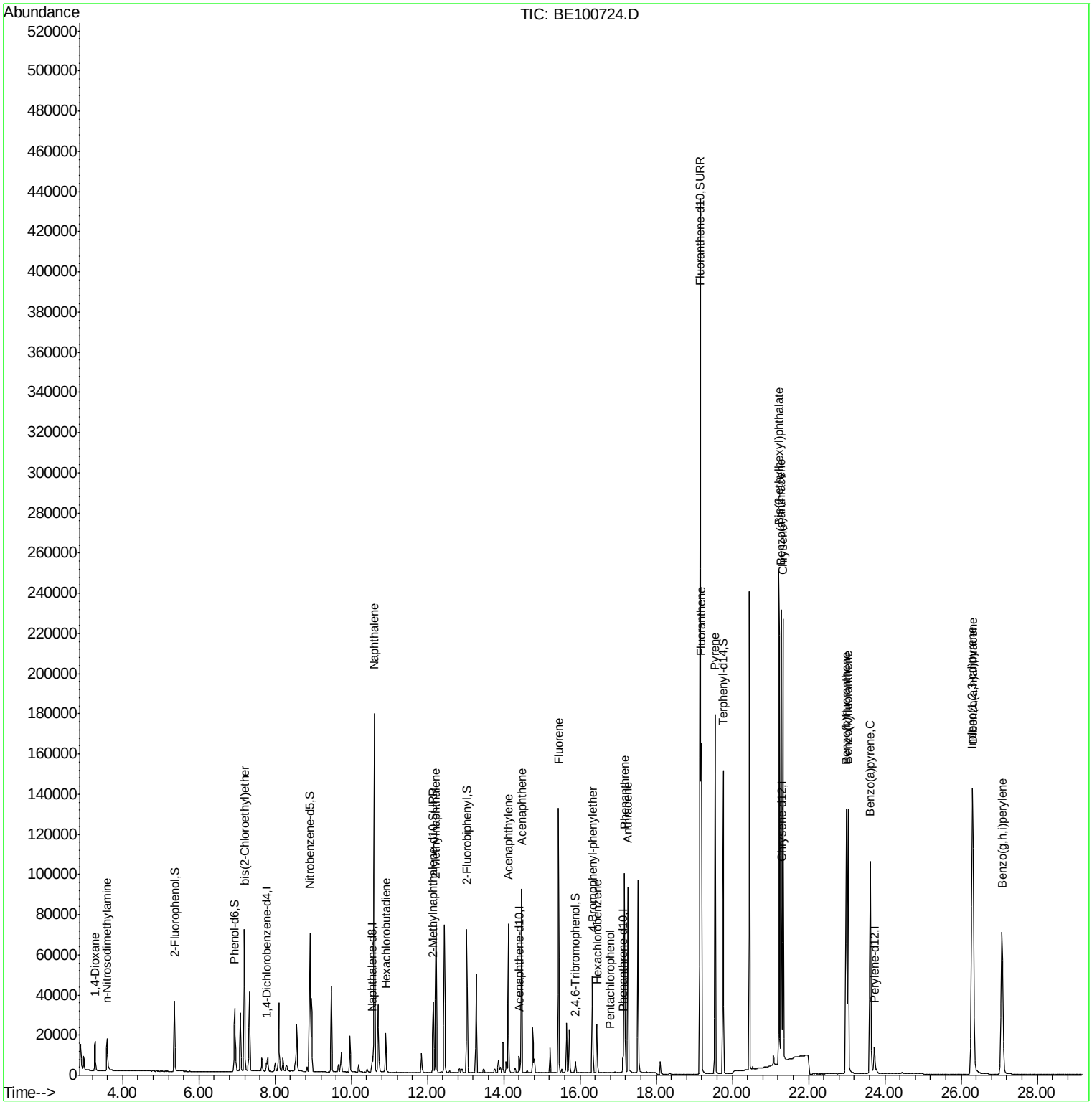
(#) = qualifier out of range (m) = manual integration (+) = signals summed

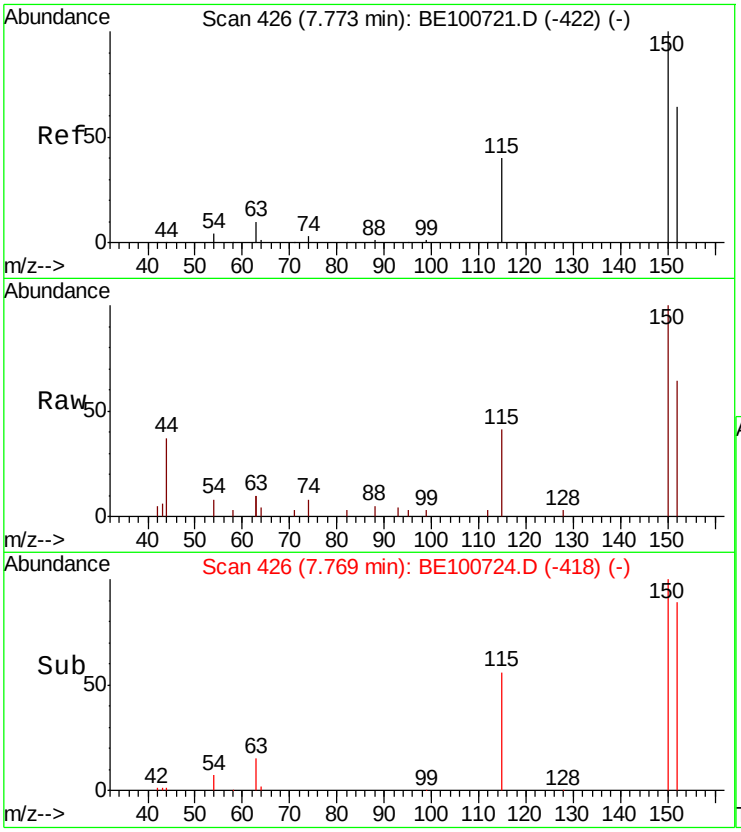
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100724.D
Acq On : 14 Nov 2019 17:00
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 14 17:57:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration



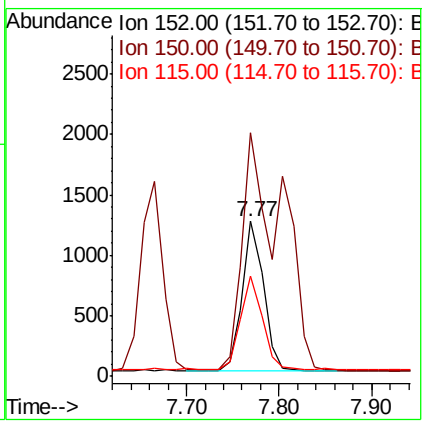


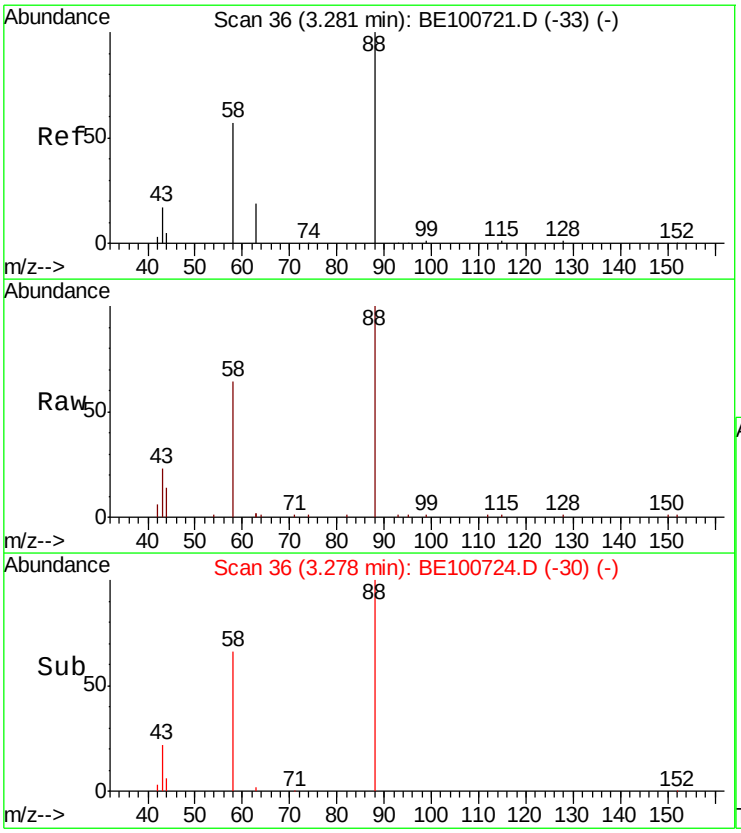
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1956

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.4	185.0
115	64.8	52.1	78.1

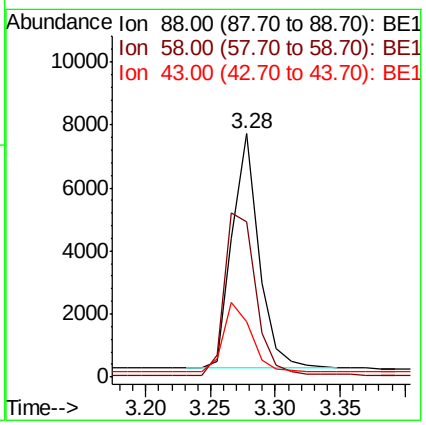


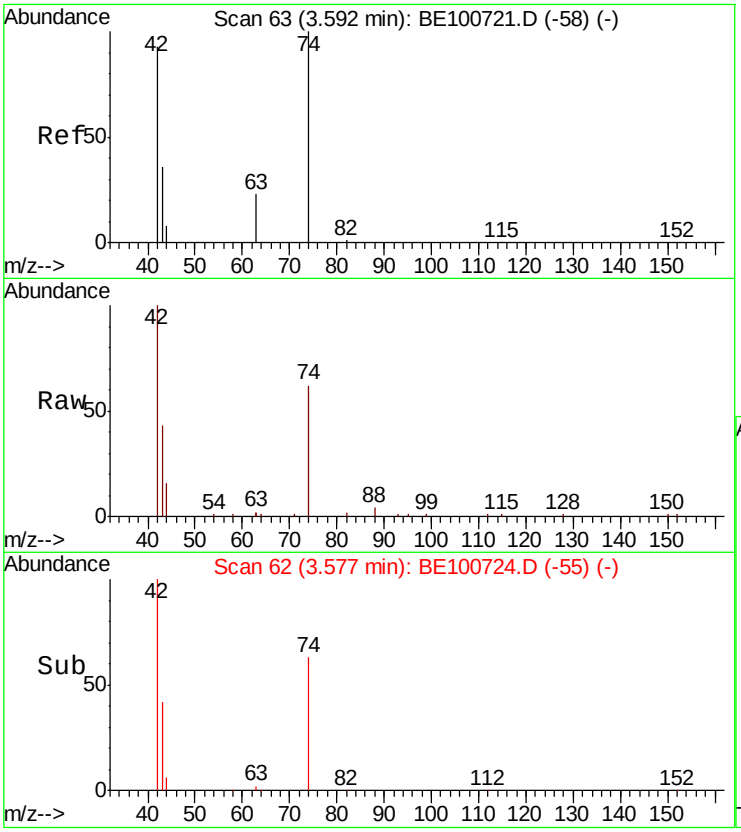


#2
1,4-Dioxane
Concen: 3.042 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion: 88 Resp: 10618

Ion	Ratio	Lower	Upper
88	100		
58	82.0	69.8	104.8
43	31.1	27.0	40.4



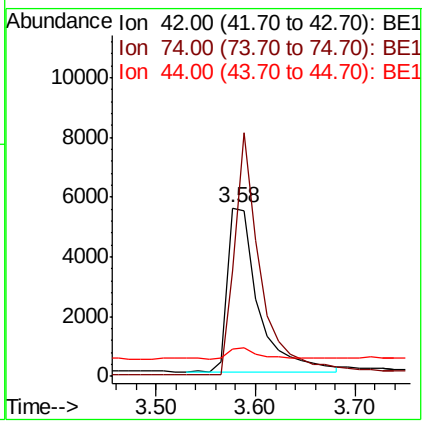


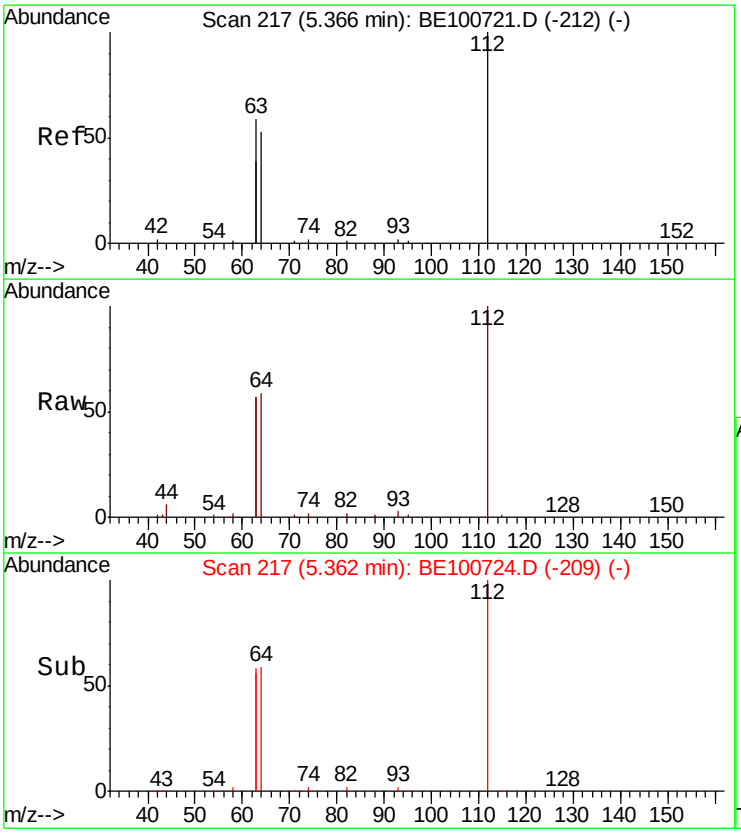
#3
n-Nitrosodimethylamine
Concen: 3.179 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 11734

Ion	Ratio	Lower	Upper
42	100		
74	126.8	99.7	149.5
44	7.0	11.8	17.8#

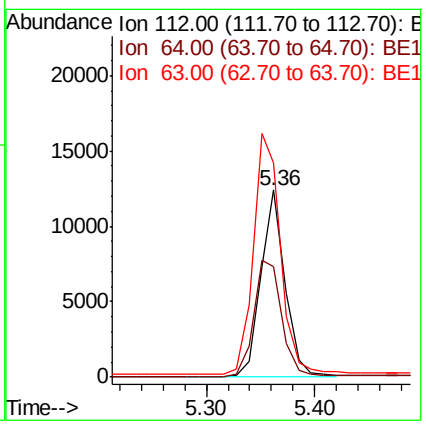


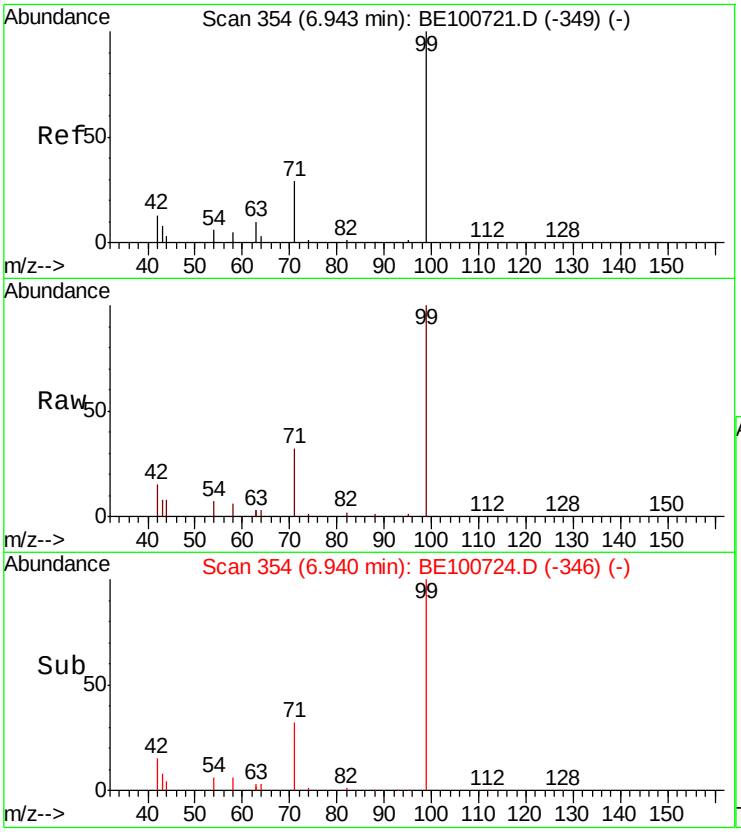


#4
2-Fluorophenol
Concen: 3.180 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:112 Resp: 19206

Ion	Ratio	Lower	Upper
112	100		
64	71.6	58.3	87.5
63	143.7	115.4	173.2



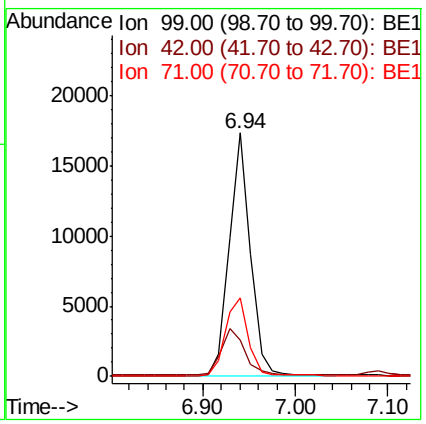


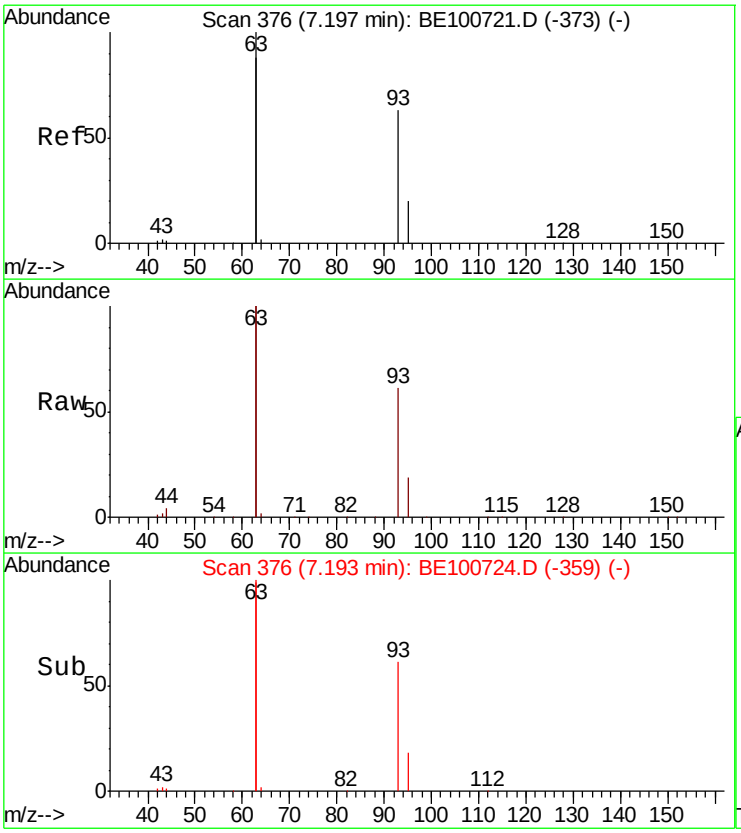
#5
Phenol-d6
Concen: 3.230 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 27510

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	34.5	27.3	40.9

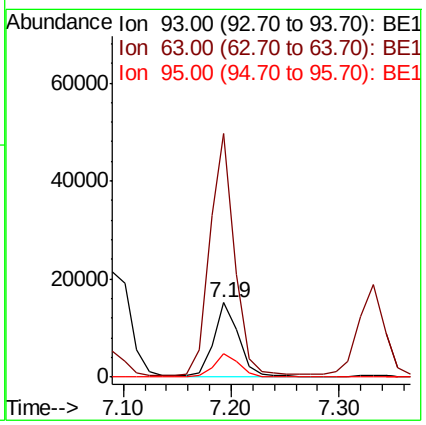


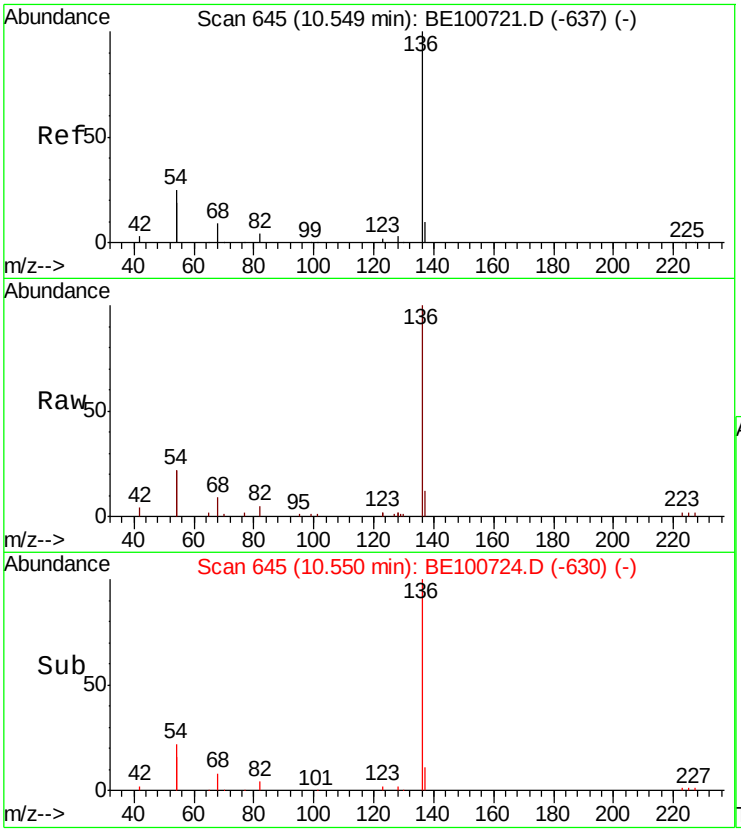


#6
bis(2-Chloroethyl)ether
Concen: 3.386 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion: 93 Resp: 23670

Ion	Ratio	Lower	Upper
93	100		
63	333.1	260.7	391.1
95	31.4	24.2	36.2



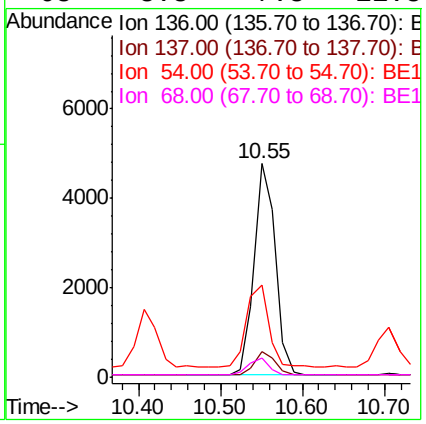


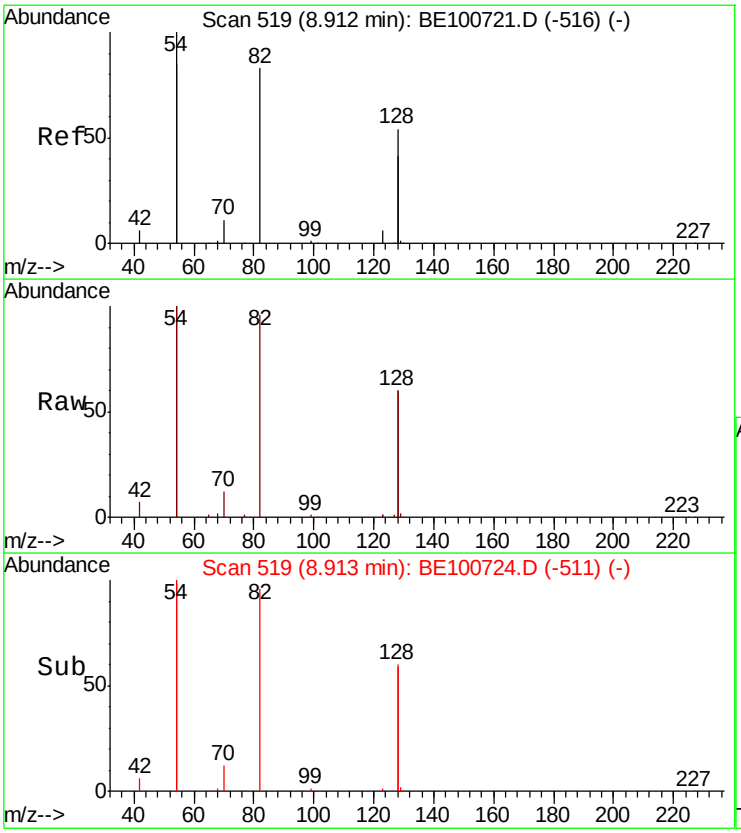
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 8514

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	43.0	39.0	58.6
68	8.8	7.8	11.8

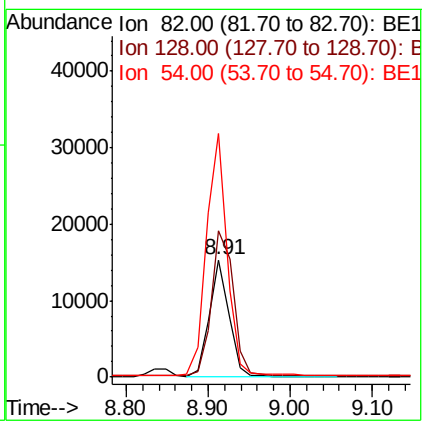


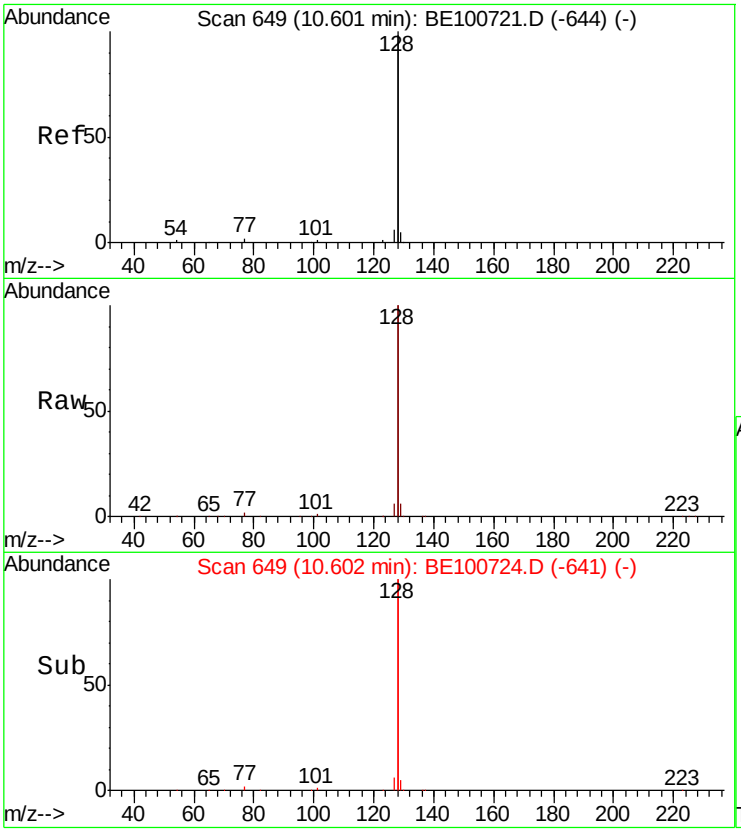


#8
Nitrobenzene-d5
Concen: 4.769 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion: 82 Resp: 25165

Ion	Ratio	Lower	Upper
82	100		
128	124.7	99.6	149.4
54	208.1	183.8	275.8



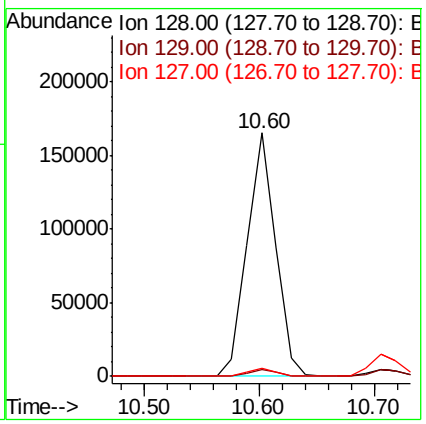


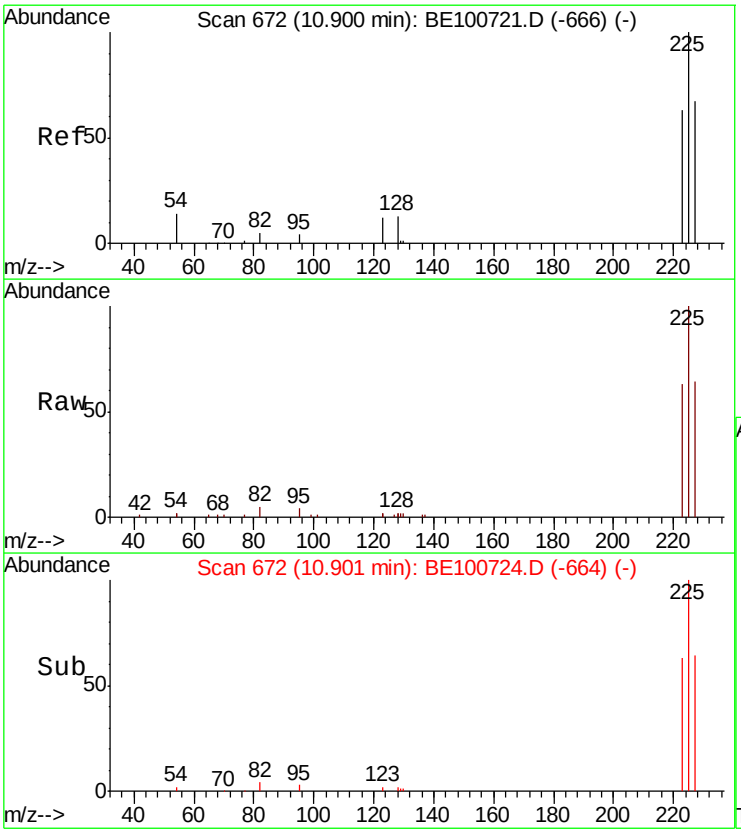
#9
Naphthalene
Concen: 3.185 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 285171

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.7	4.1

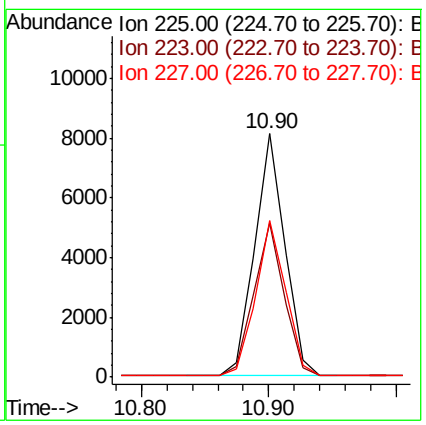


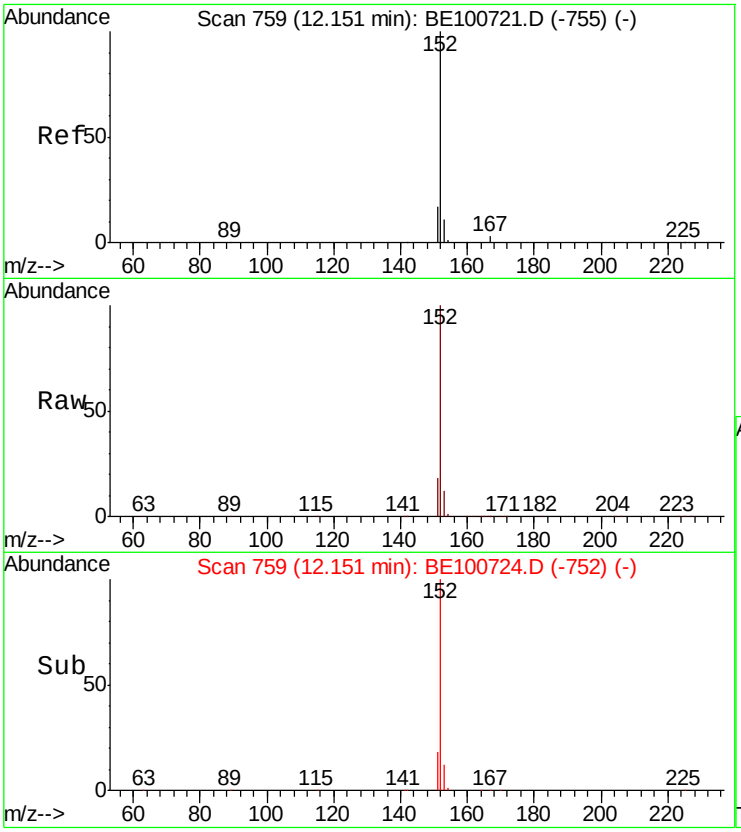


#10
Hexachlorobutadiene
Concen: 3.410 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:225 Resp: 13265

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.6	53.0	79.6



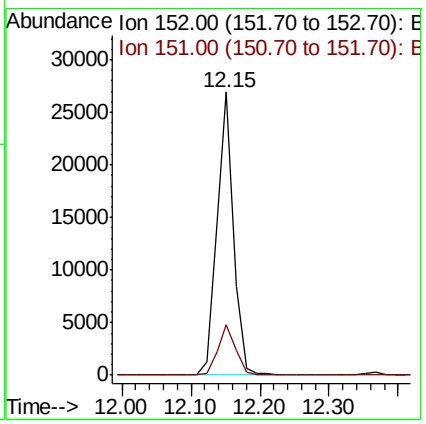


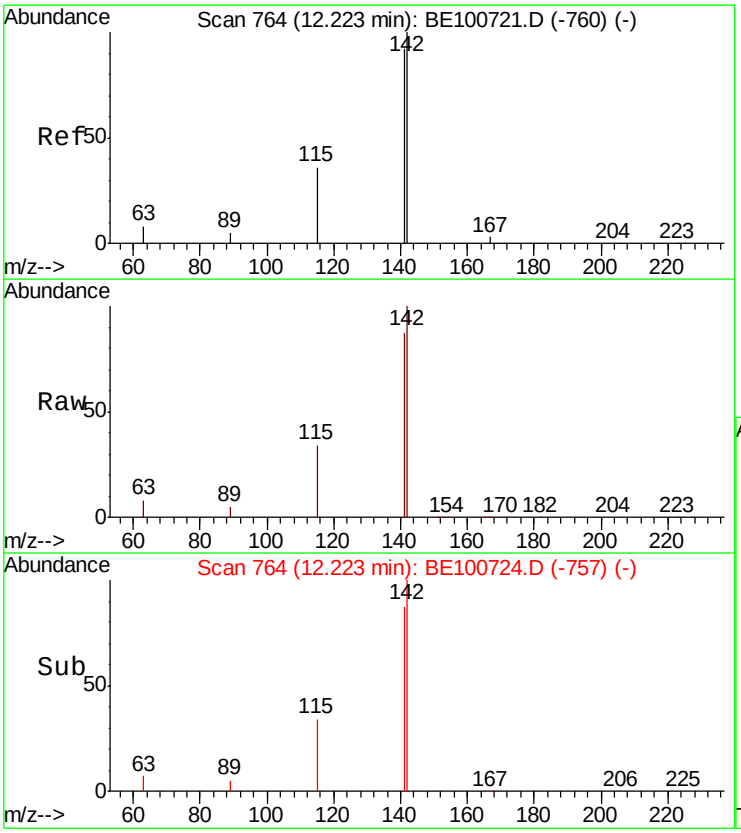
#11
2-Methylnaphthalene-d10
Concen: 3.347 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 44943

Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.2	21.4

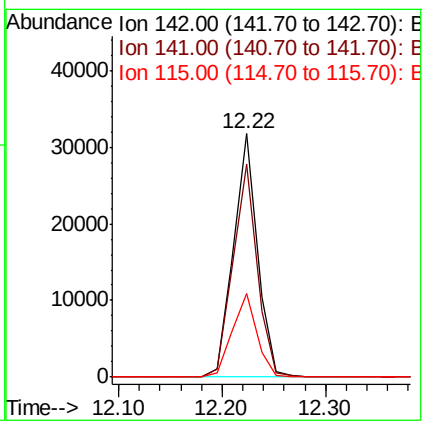


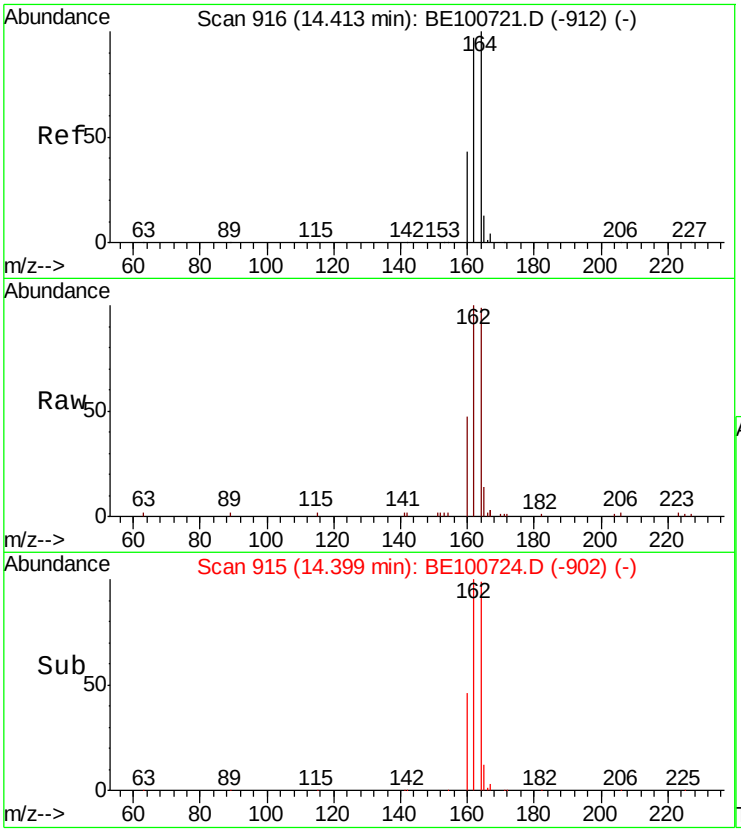


#12
2-Methylnaphthalene
Concen: 3.309 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:142 Resp: 50493

Ion	Ratio	Lower	Upper
142	100		
141	87.4	73.3	109.9
115	34.3	29.9	44.9



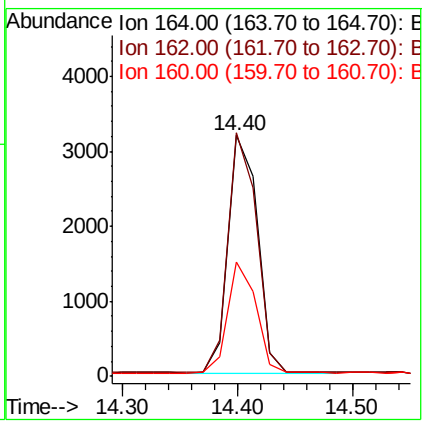


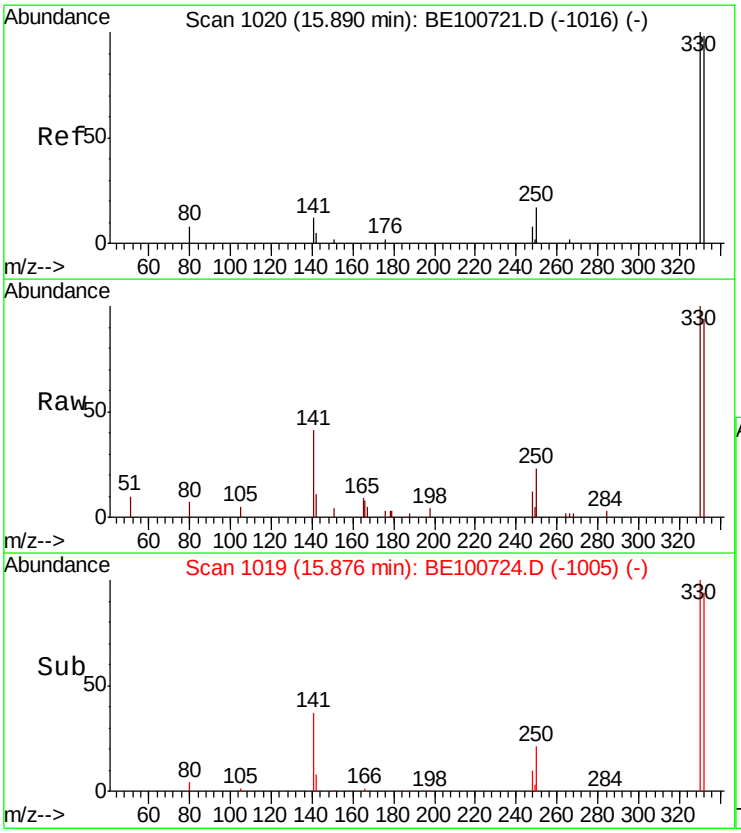
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5606

Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.8	116.8
160	47.4	35.3	52.9

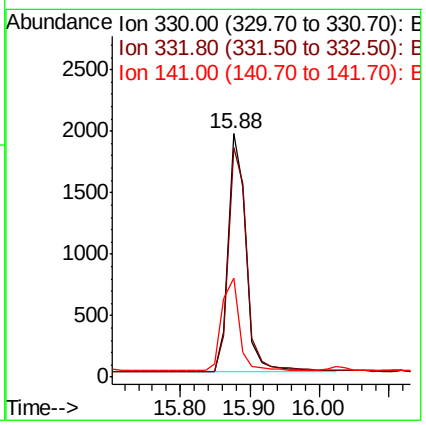


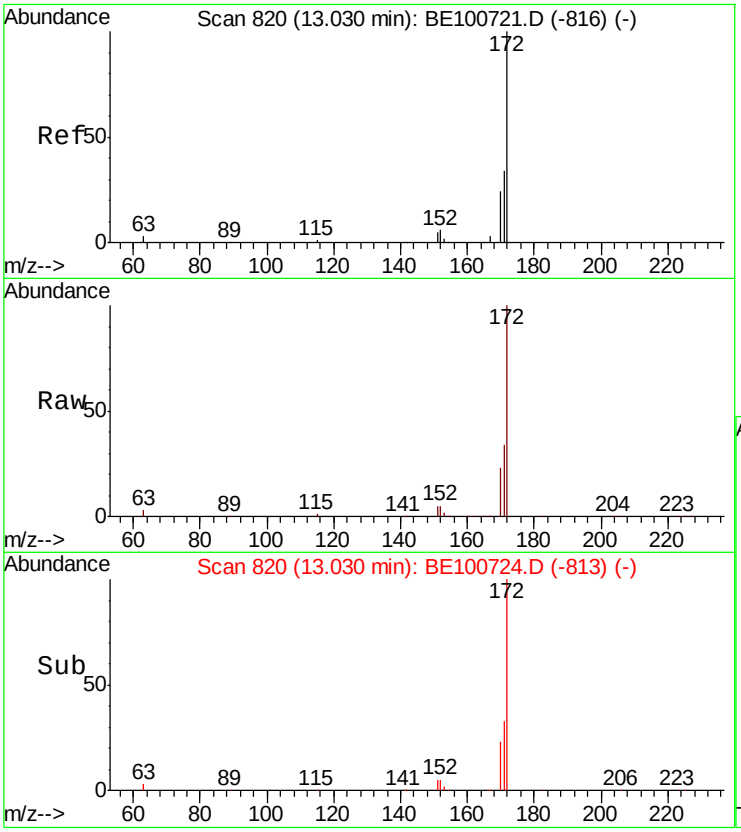


#14
2,4,6-Tribromophenol
Concen: 2.318 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:330 Resp: 3434

Ion	Ratio	Lower	Upper
330	100		
332	97.9	85.0	127.6
141	38.6	28.2	42.2



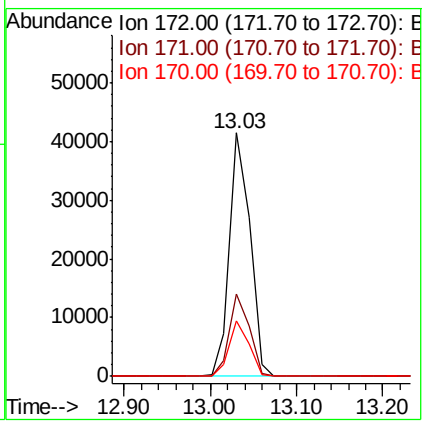


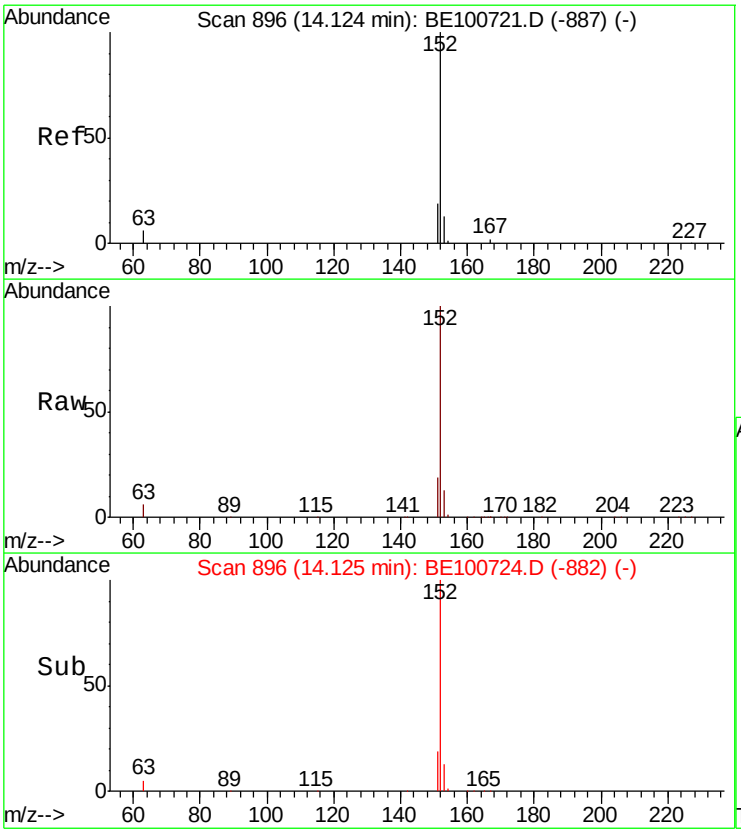
#15
2-Fluorobiphenyl
Concen: 3.300 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 67408

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.1	42.1
170	22.9	19.8	29.6

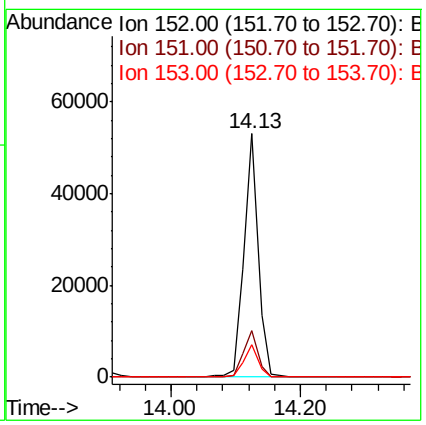


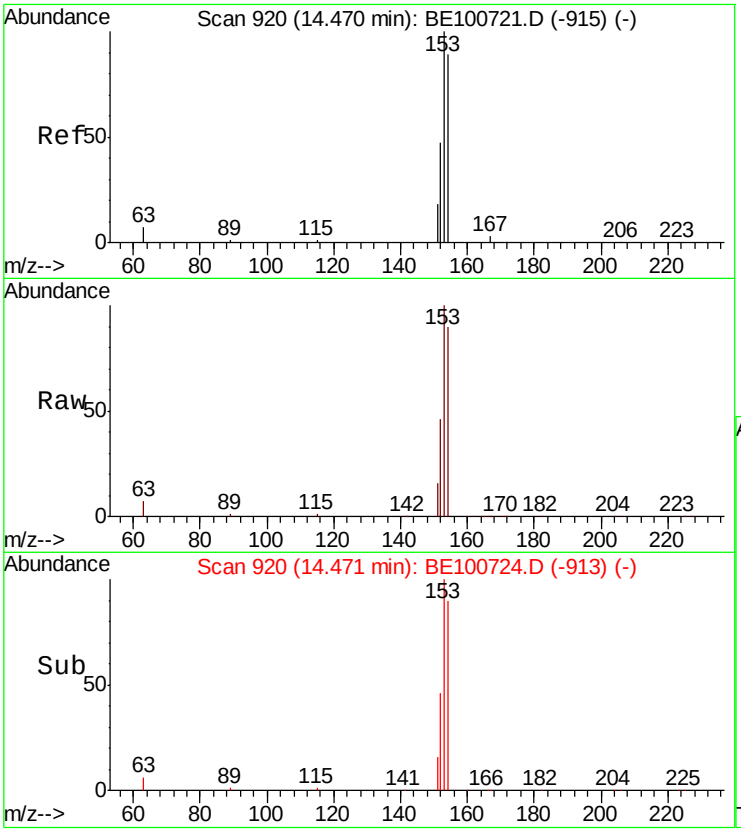


#16
Acenaphthylene
Concen: 3.352 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:152 Resp: 80853

Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.9	22.3
153	13.1	10.7	16.1



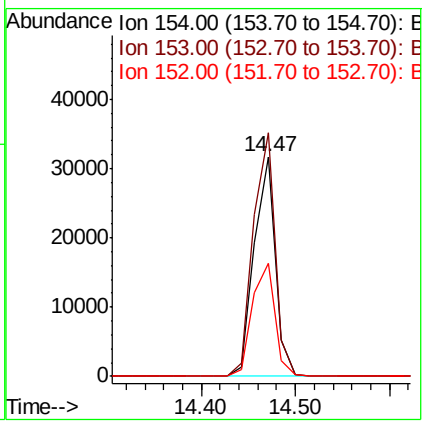


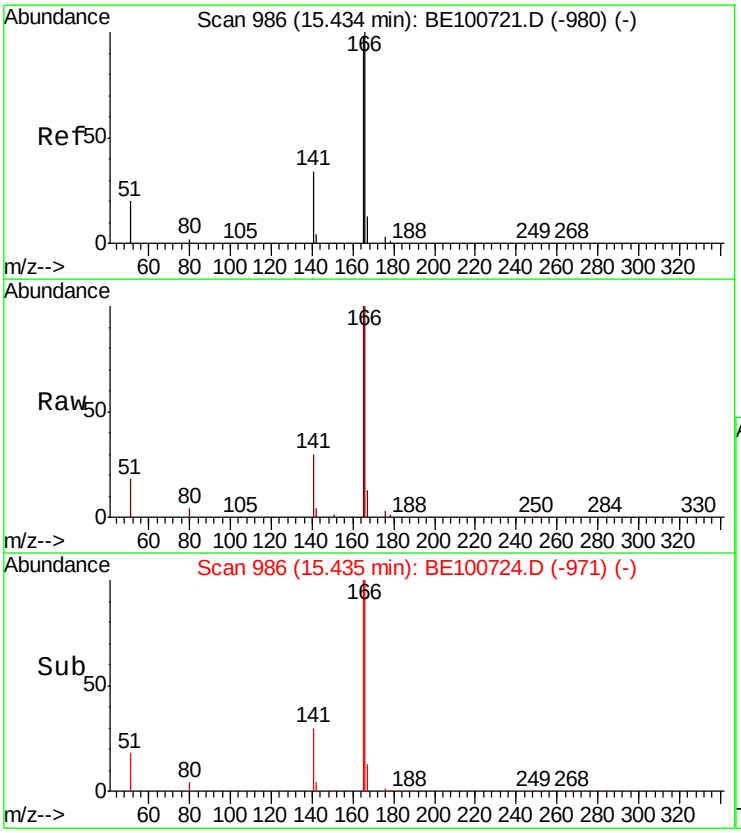
#17
Acenaphthene
Concen: 3.197 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 49843

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.9	137.9
152	54.9	44.8	67.2

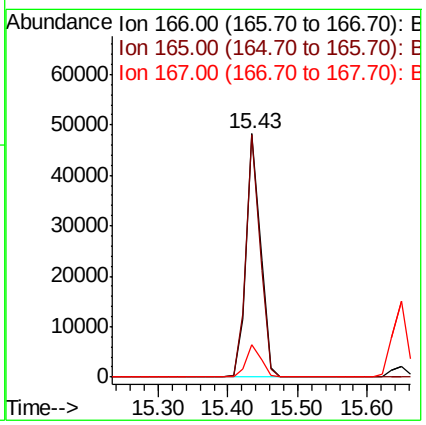


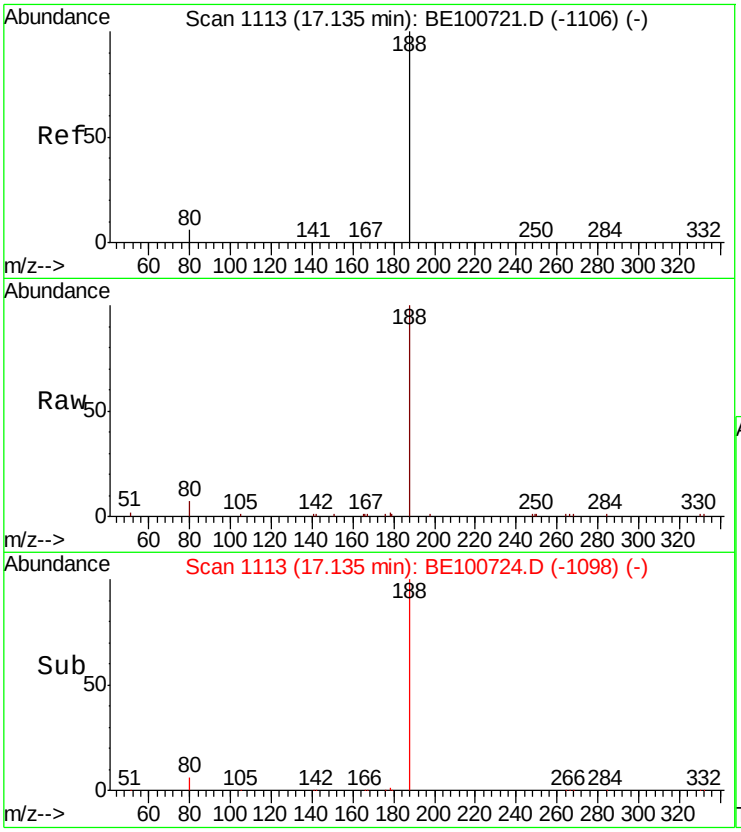


#18
Fluorene
Concen: 3.310 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:166 Resp: 68534

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.5	10.6	16.0



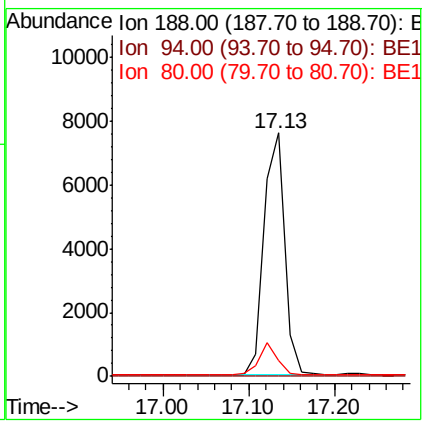


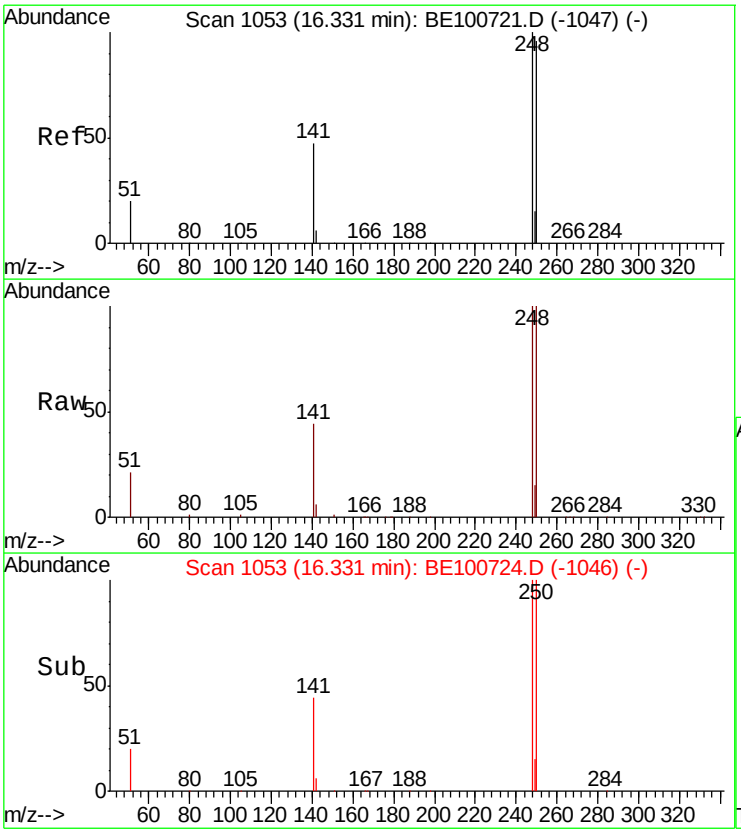
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12717

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.4	8.0

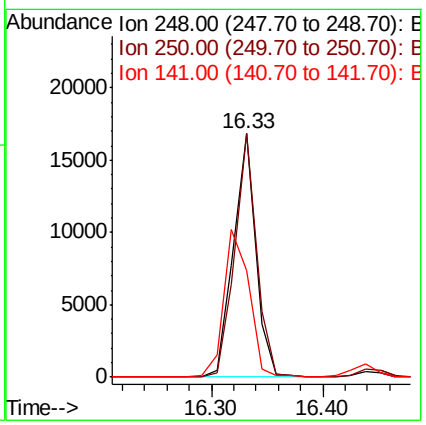


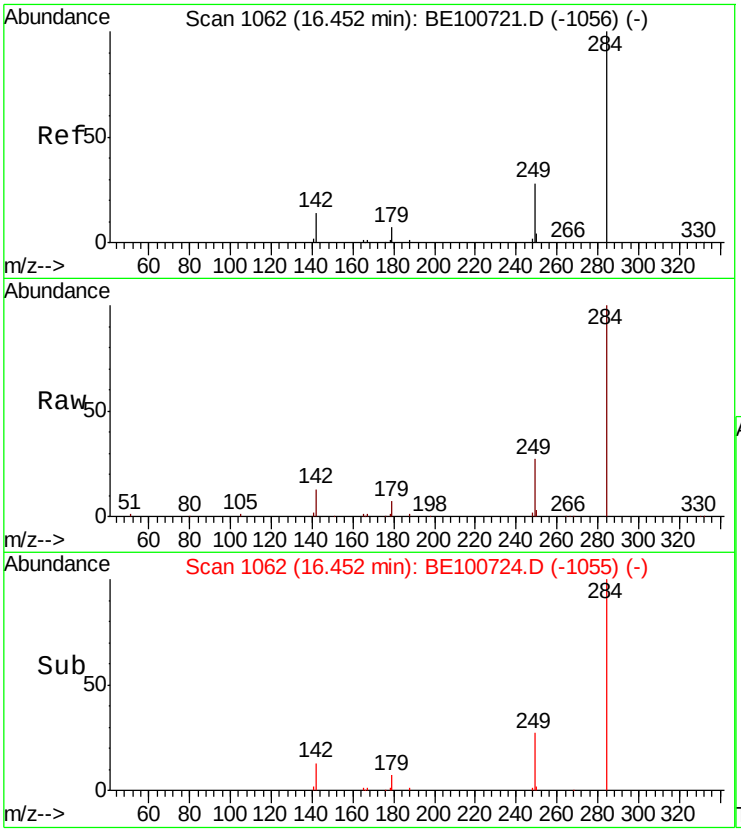


#20
4-Bromophenyl-phenylether
Concen: 3.561 ng
RT: 16.33 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:248 Resp: 23045

Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.1	115.7
141	44.1	38.6	58.0



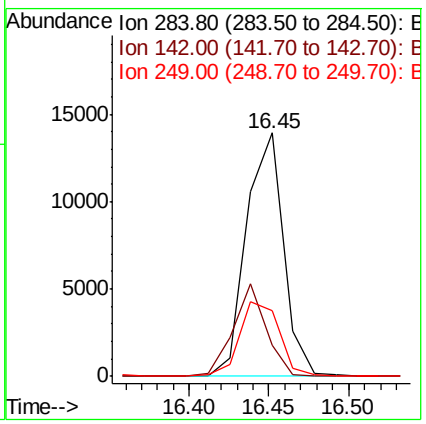


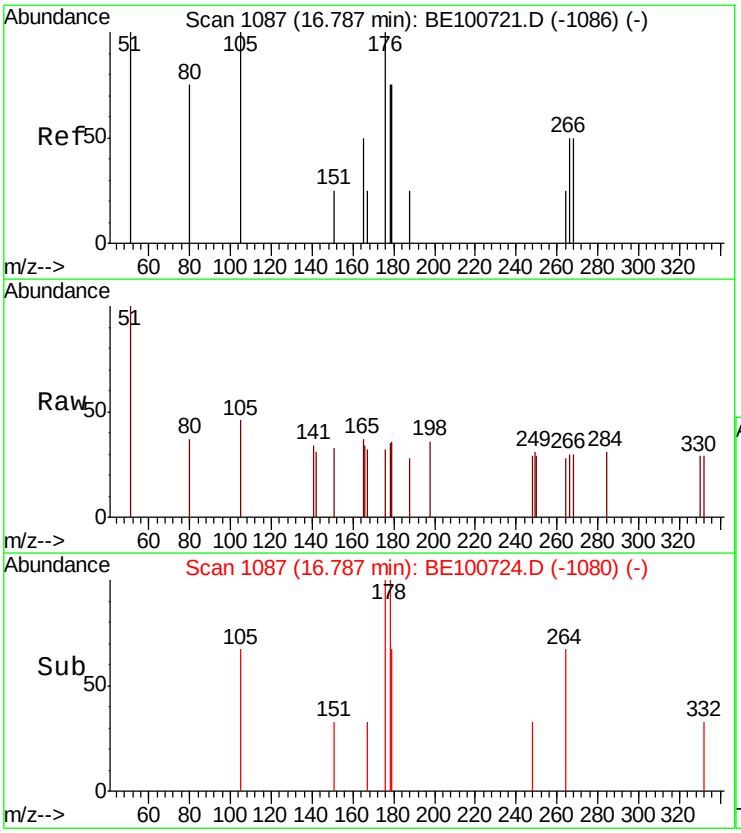
#21
Hexachlorobenzene
Concen: 3.658 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 22552

Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.2	42.2
249	32.2	26.5	39.7

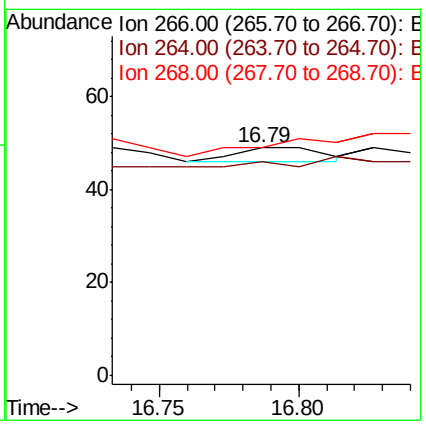


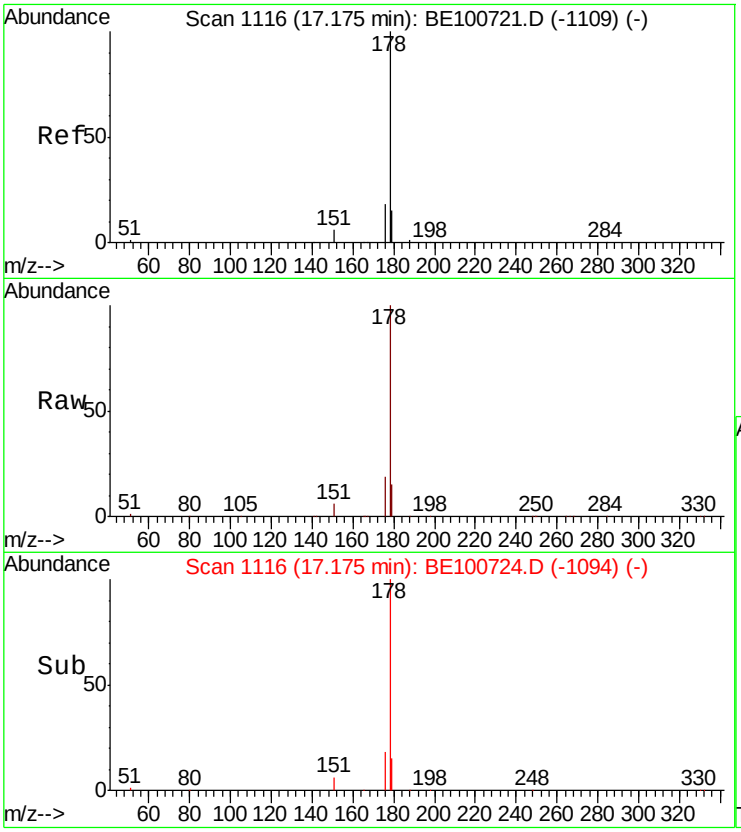


#22
Pentachlorophenol
Concen: 0.003 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	93.9	75.0	112.6
268	100.0	85.0	127.6



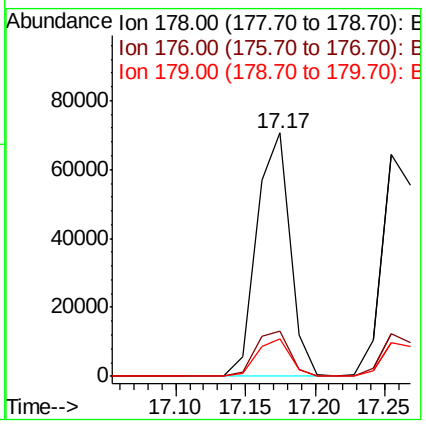


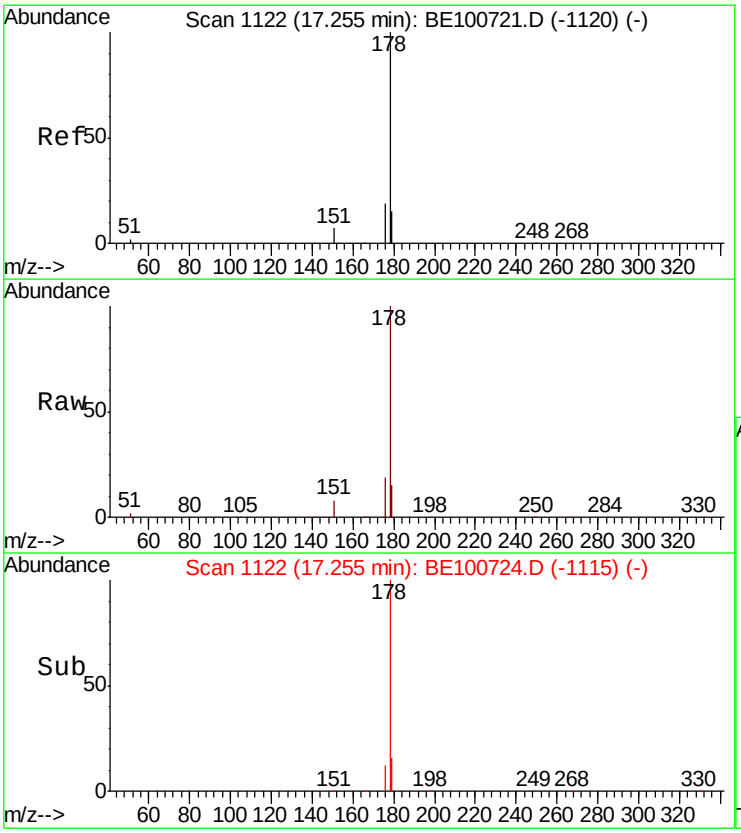
#23
Phenanthrene
Concen: 3.354 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 117336

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.2	12.6	18.8

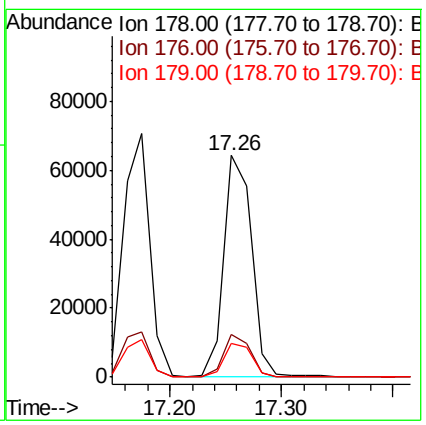


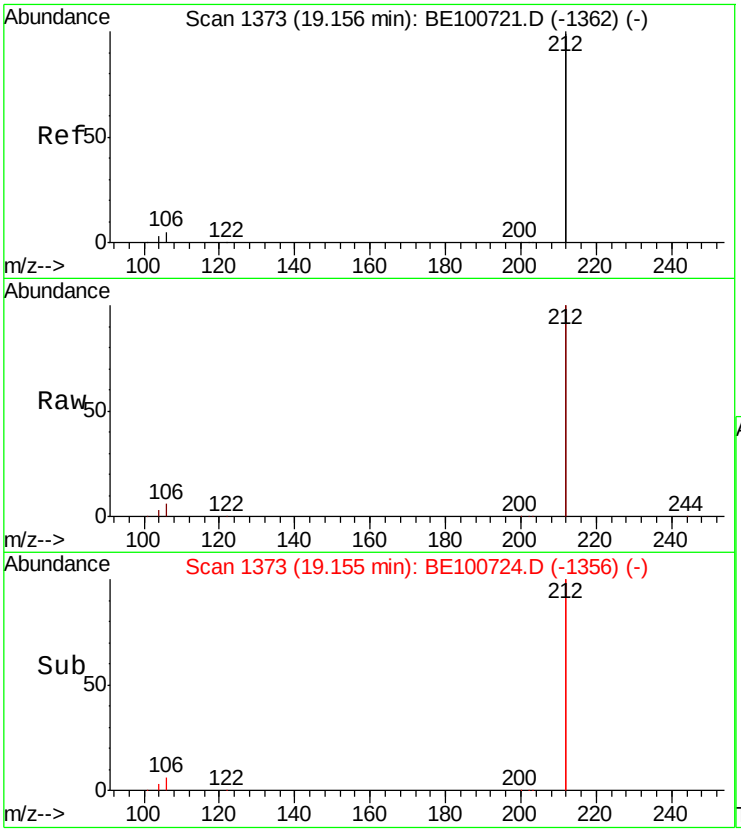


#24
Anthracene
Concen: 3.408 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:178 Resp: 110620

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.3	12.6	18.8



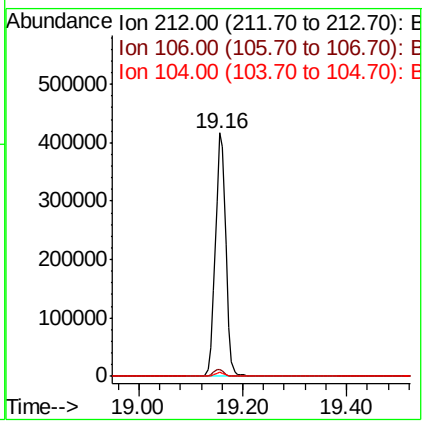


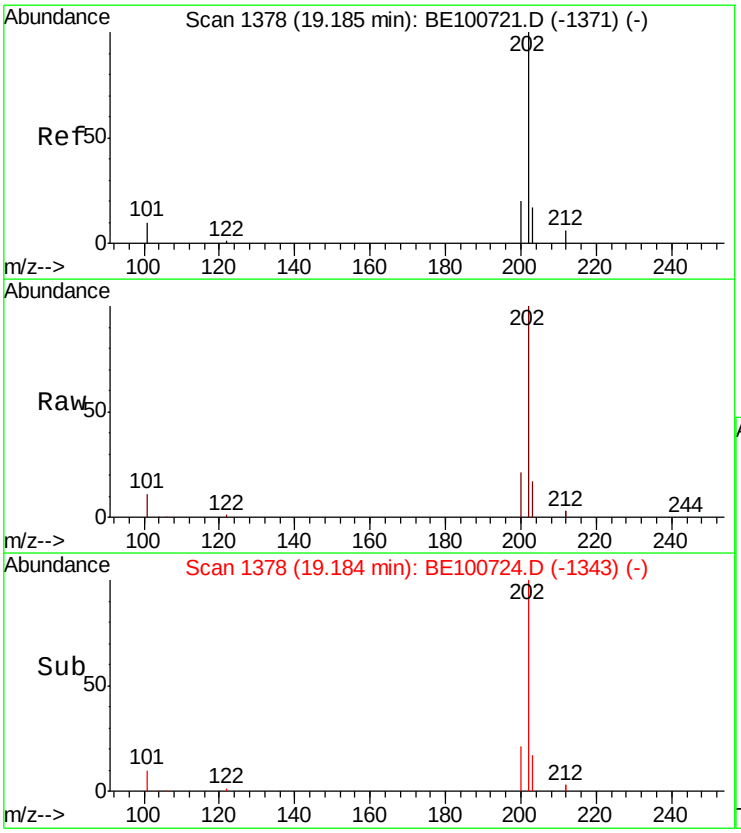
#25
Fluoranthene-d10
Concen: 3.537 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 580421

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

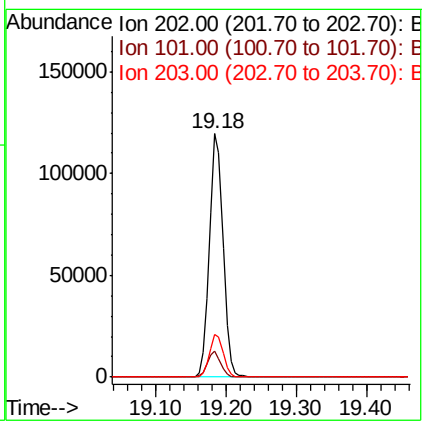


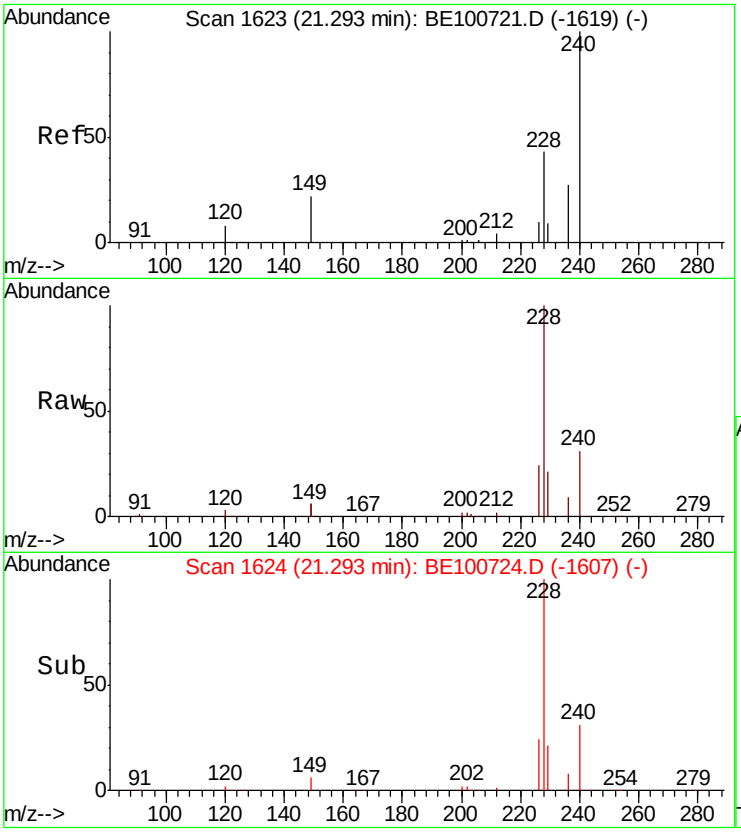


#26
Fluoranthene
Concen: 3.507 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:202 Resp: 160116

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
203	17.5	13.6	20.4



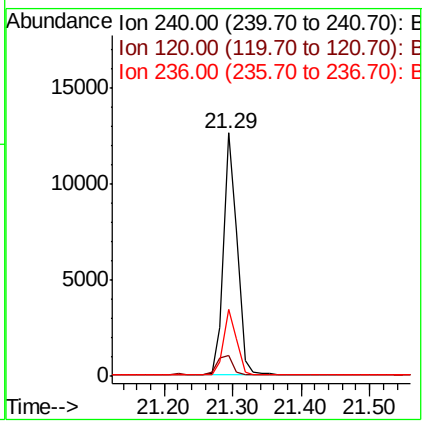


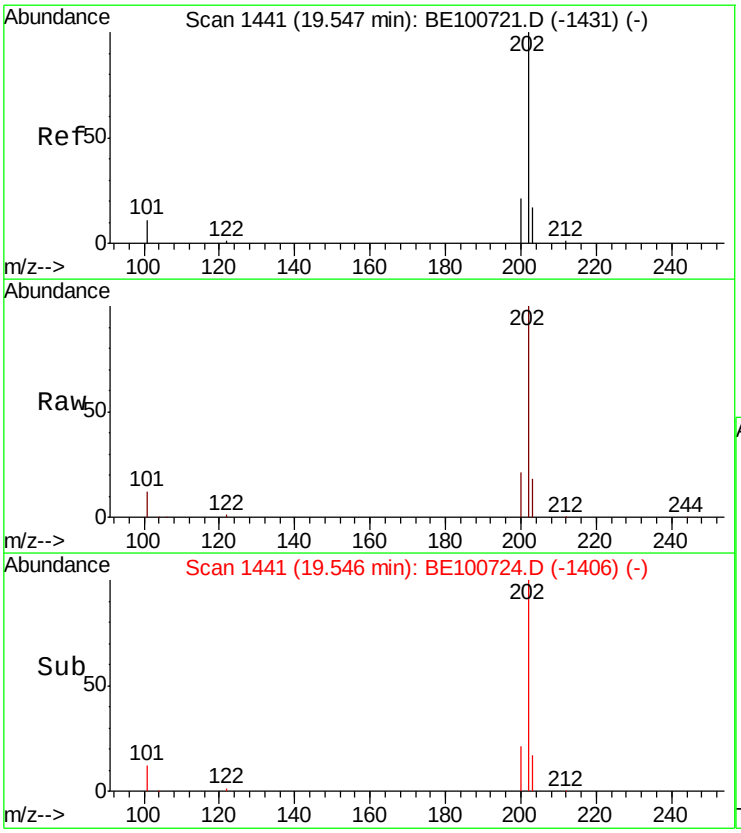
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17363

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.4	11.0
236	27.3	21.8	32.6

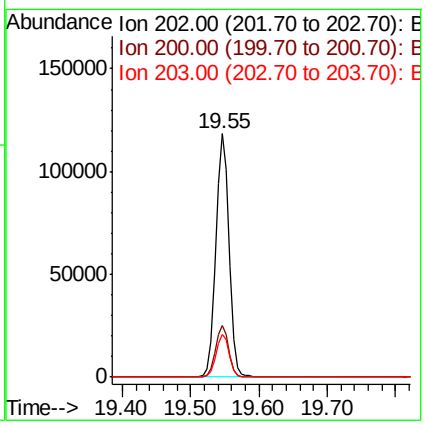


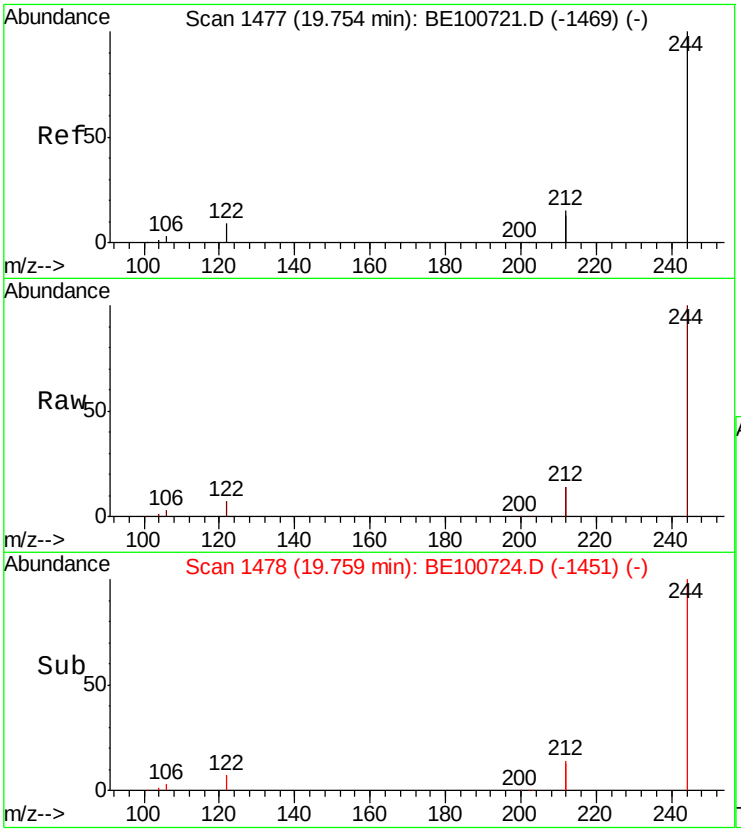


#28
Pyrene
Concen: 3.331 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:202 Resp: 161607

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.0	21.0



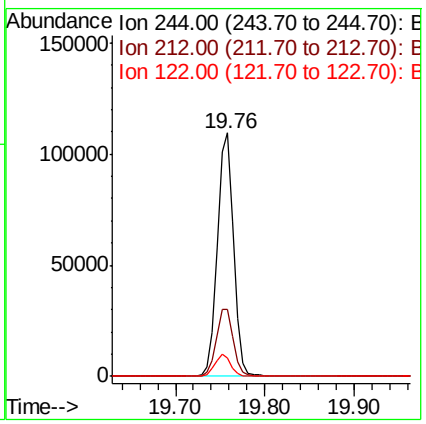


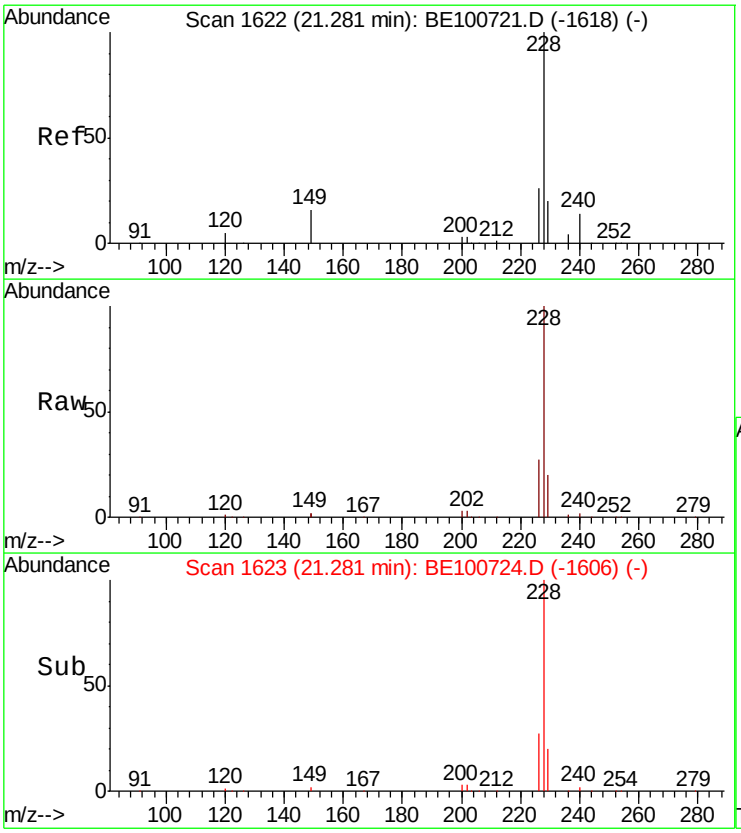
#29
Terphenyl-d14
Concen: 3.633 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 137930

Ion	Ratio	Lower	Upper
244	100		
212	27.3	24.3	36.5
122	7.4	7.6	11.4#

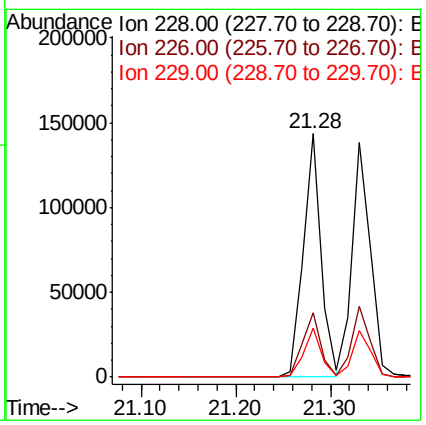


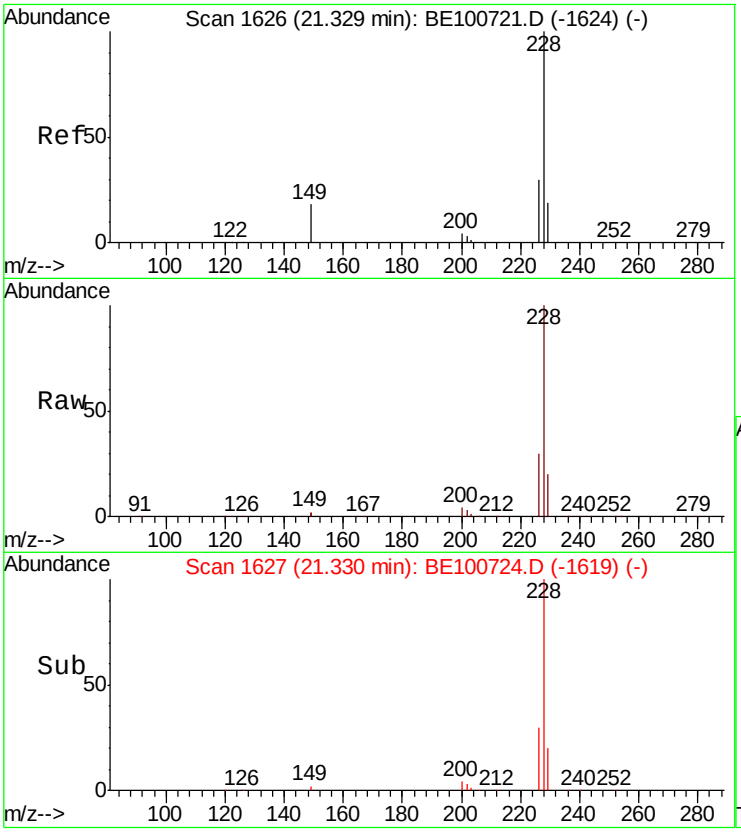


#30
Benzo(a)anthracene
Concen: 3.274 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:228 Resp: 185420

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.1	31.7
229	20.0	15.9	23.9



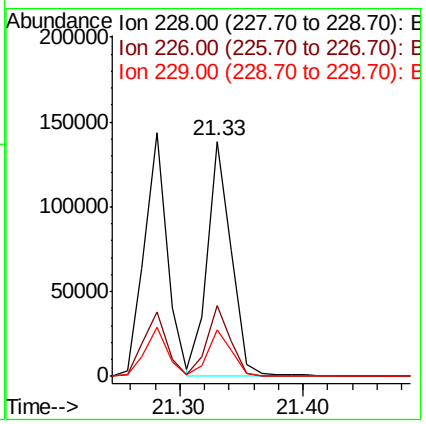


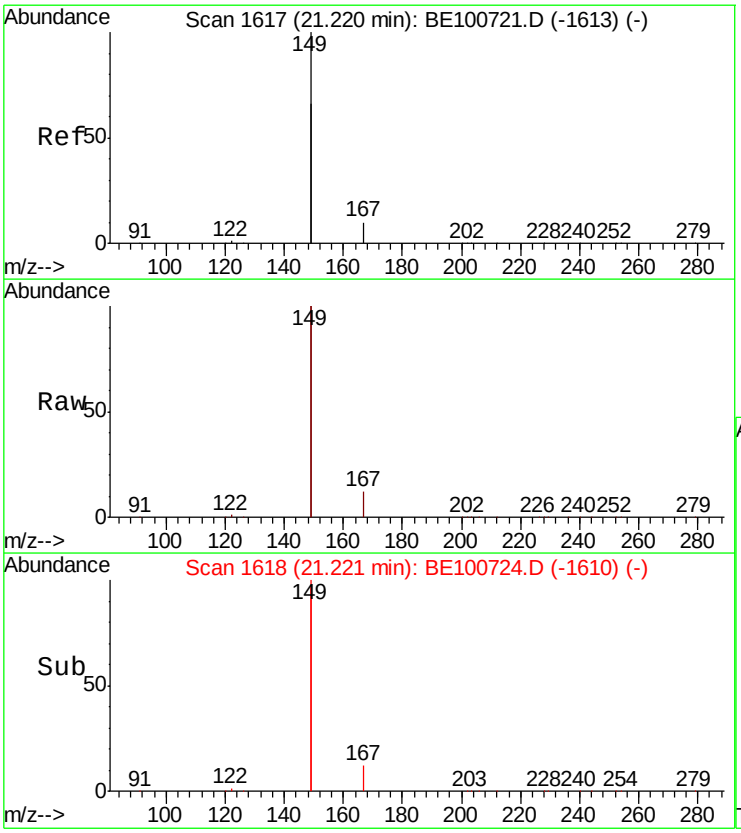
#31
Chrysene
Concen: 3.273 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 185287

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.5	15.5	23.3

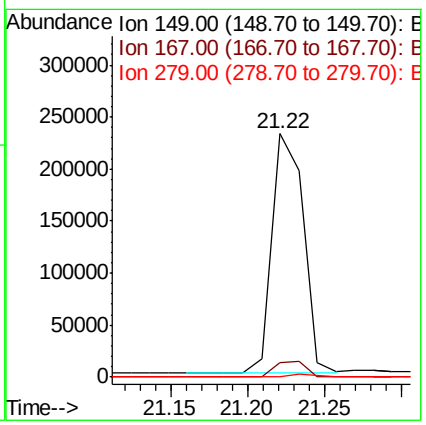


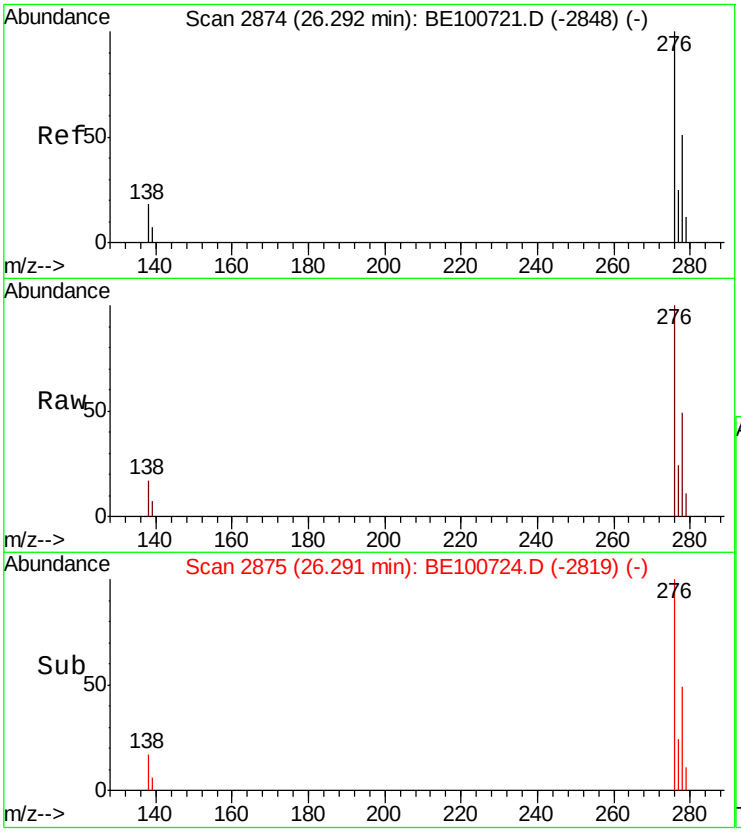


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.761 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:149 Resp: 327027

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.2	7.8
279	1.1	0.9	1.3



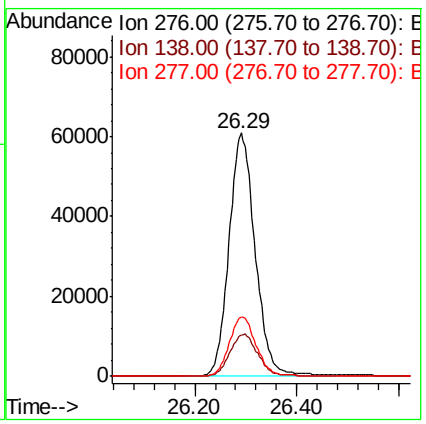


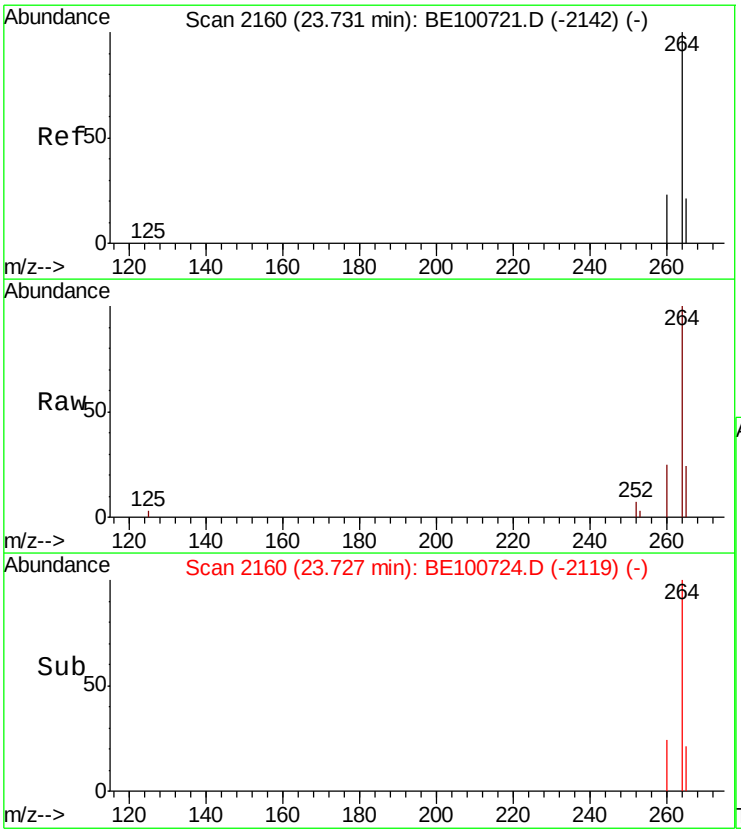
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.113 ng
RT: 26.29 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 216575

Ion	Ratio	Lower	Upper
276	100		
138	18.5	14.8	22.2
277	25.0	19.6	29.4

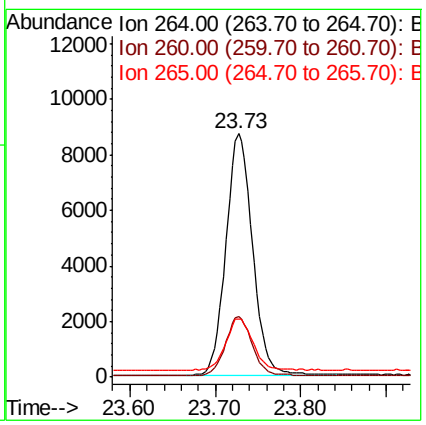


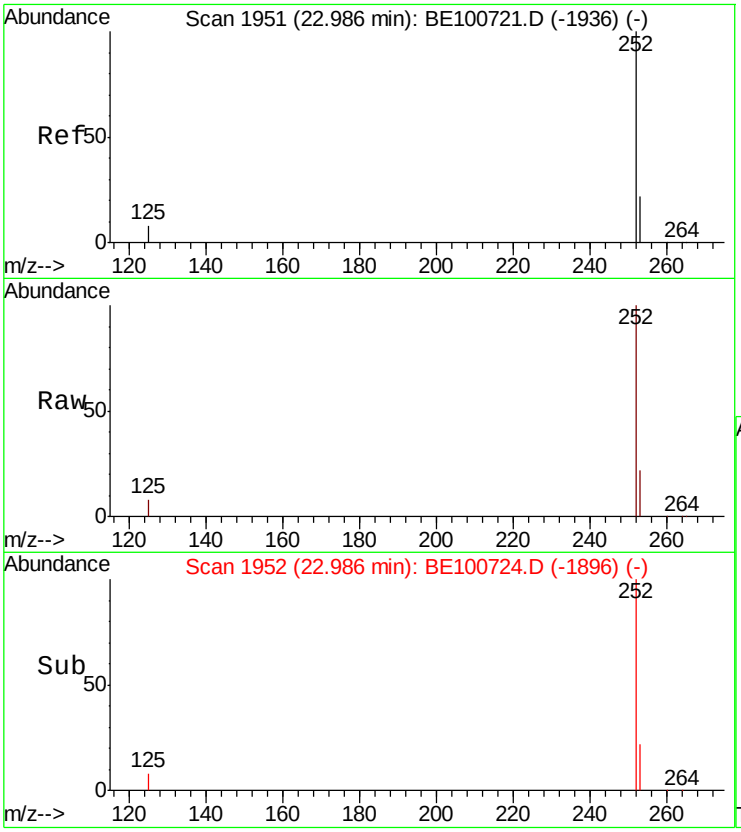


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:264 Resp: 18830

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	23.8	19.7	29.5



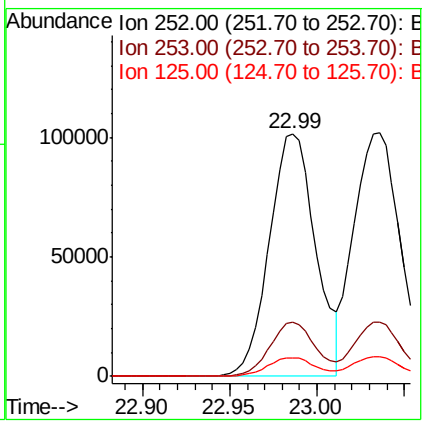


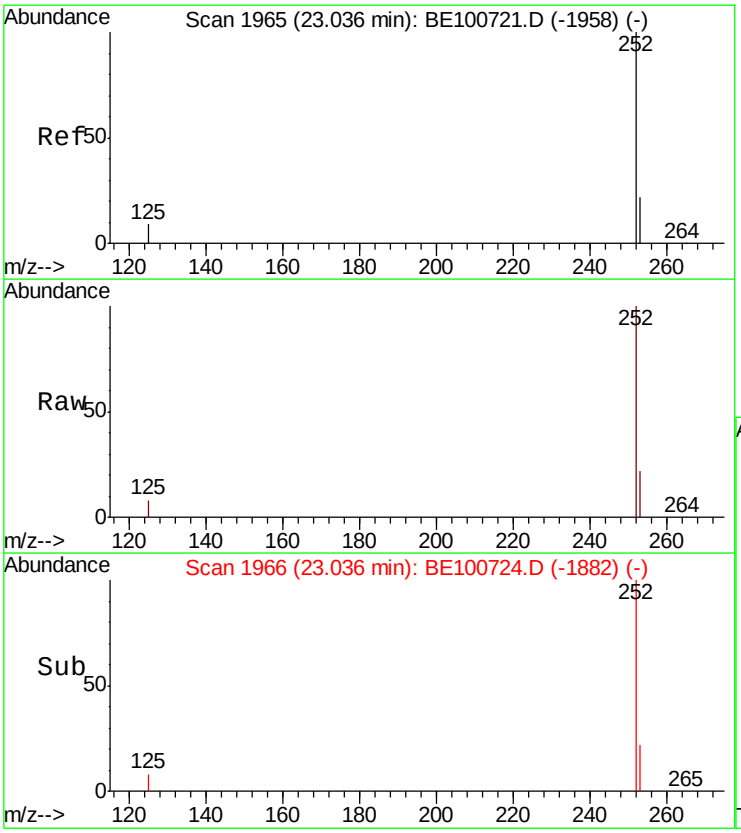
#35
Benzo(b)fluoranthene
Concen: 3.407 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 187078

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	7.7	7.0	10.4

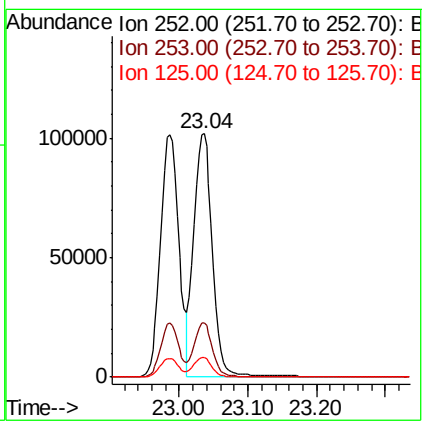


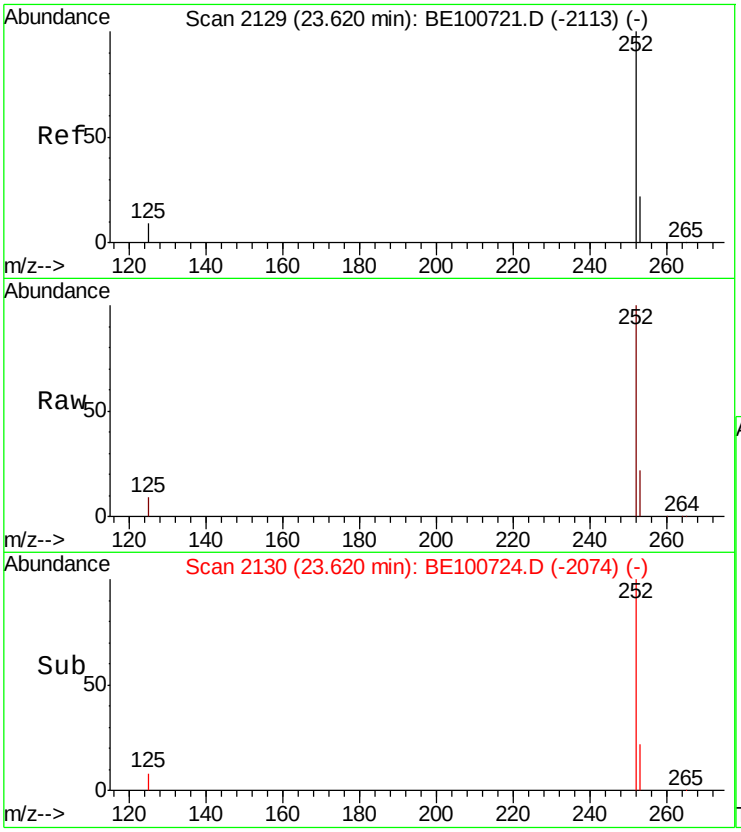


#36
Benzo(k)fluoranthene
Concen: 3.393 ng
RT: 23.04 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:252 Resp: 191610

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	7.9	7.6	11.4



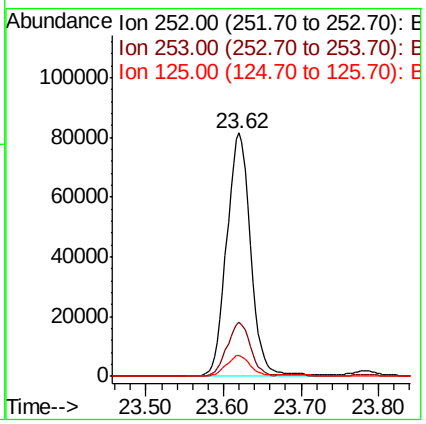


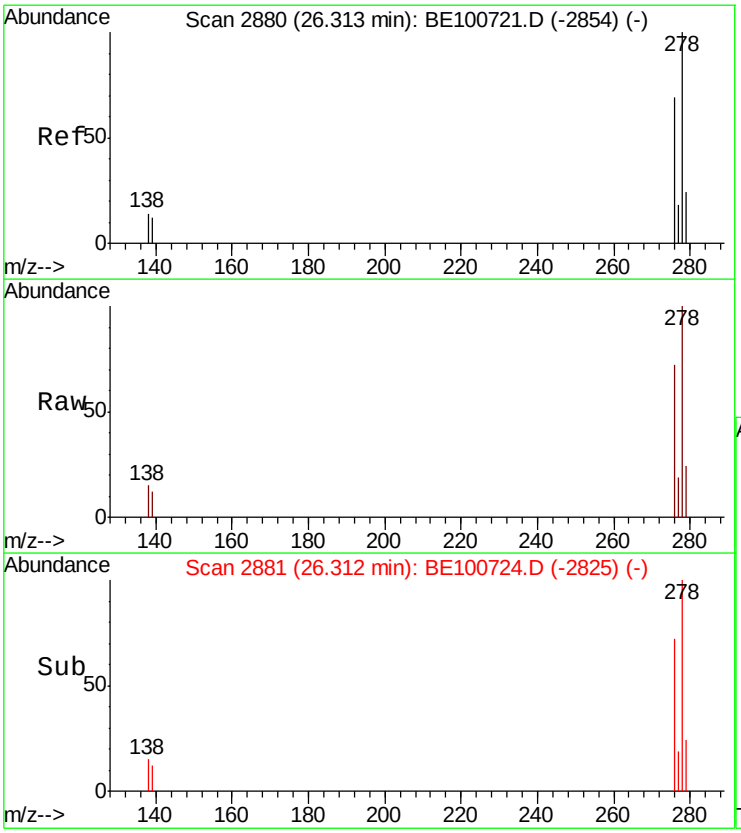
#37
Benzo(a)pyrene
Concen: 3.396 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 173572

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	28.0
125	8.5	7.9	11.9

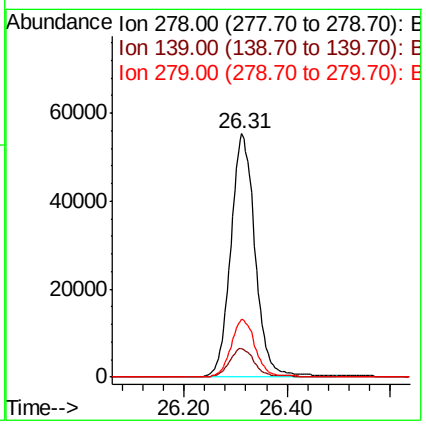


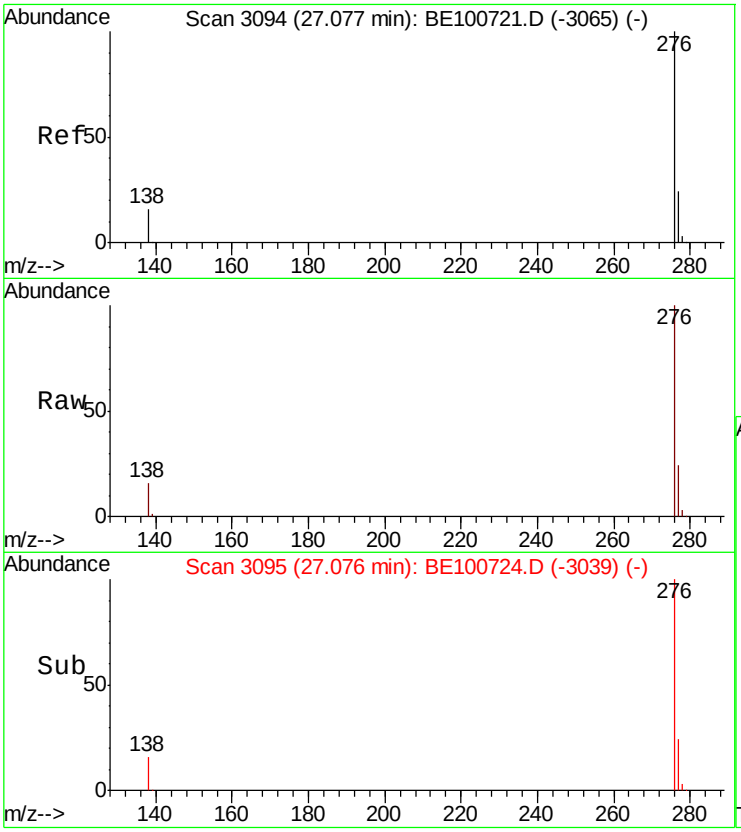


#38
Dibenzo(a,h)anthracene
Concen: 3.428 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Tgt Ion:278 Resp: 181096

Ion	Ratio	Lower	Upper
278	100		
139	11.9	10.3	15.5
279	23.9	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 3.288 ng
RT: 27.08 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BE100724.D
Acq: 14 Nov 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 174664

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	15.9	13.6	20.4